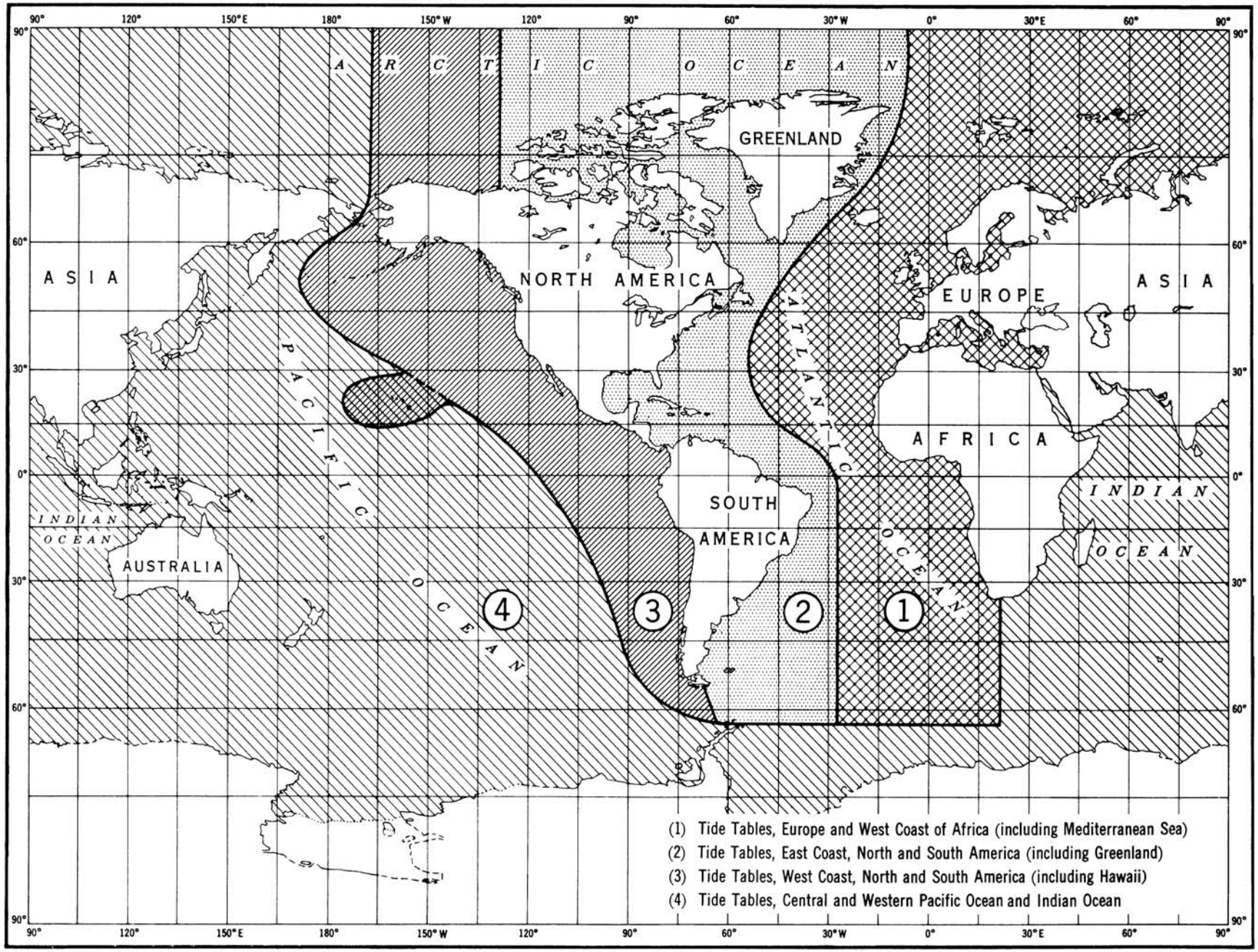
**Tide Tables 2008** – East Coast of North and South America including Greenland

**Tide Tables 2008** HIGH AND LOW WATER PREDICTIONS

# East Coast of North and South America

## Including Greenland

# INDEX OF TIDE TABLE COVERAGE



**Tide Tables 2008** HIGH AND LOW WATER PREDICTIONS

# East Coast of North and South America

## Including Greenland

Issued 2007

# SOURCES OF ADDITIONAL INFORMATION

## *THE NATIONAL OCEAN SERVICE IS NO LONGER PRINTING AND DISTRIBUTING THE TIDE AND TIDAL CURRENT TABLES*

Tide and Tidal current data continue to be updated, generated and published by the NOAA/National Ocean Service; however, the printing and distribution in book-form is now done by private companies working from information provided by NOS.

NOS now offers two new vehicles for obtaining predictions. First, the complete set of Tables as camera-ready page-images will be available on CD-ROM. The CD-ROM vehicle is primarily intended for use by private printers who wish to print in book-form the full set of Tables for distribution to resellers and the general public. Second, for domestic tide reference stations, limited predictions are available on the NOS, Center for Operational Oceanographic Products and Services (CO-OPS), web site, (http://tidesandcurrents.noaa.gov).

In addition to predictions, the web site provides updated information on the status of the Tables as they are finalized each year. Notices concerning the most recent Table updates and publication cut-off dates are included.

For the names of companies printing and distributing the Tables, please call or write to:

National Ocean Service
Products and Services Division, N/OPS3
1305 East-West Highway
Silver Spring, MD 20910
301-713-2815, fax 301-713-4500

***PUBLICATIONS:***

*United States Coast Pilots, Distance Tables, and Nautical Charts may be ordered from:*

FAA, National Aeronautical Charting Office
Distribution Division, AJW-3550
10201 Good Luck Road
Glenn Dale, MD 20769-9700
(301) 436-8301
(800) 638-8972 toll free, U.S. Only
http://naco.faa.gov

*A list of authorized sales agents is published in the Nautical Chart Catalogs or may be obtained on request from the National Ocean Service. The publications may also be purchased across-the-counter at the NOAA, Distribution Branch office listed above.*

***TECHNICAL ASSISTANCE:***

*Technical questions relating to* ***tide and current predictions***, as well as requests for ***special predictions***, should be addressed to:

National Ocean Service
Products and Services Division, N/OPS3
1305 East-West Highway
Silver Spring, MD 20910
(301) 713-2815

## SOURCES OF ADDITIONAL INFORMATION

Technical questions relating to ***actual tide observations, tidal datums, and other information necessary* for *engineering projects*** should be addressed to:

National Ocean Service
Products and Services Division, N/OPS3
1305 East-West Highway
Silver Spring, MD 20910
(301) 713-2877

Technical questions relating to *other publications and nautical charts* should be addressed to:

National Ocean Service
Customer Affairs Branch
1315 East-West Highway.
Silver Spring, MD 20910
(301) 713-2729

***WEBSITES***

Center for Operational Oceanographic Products and Services
(PORTS® * Predictions * Observations * Bench Marks * Tides Online * Great Lakes Online)

**http://tidesandcurrents.noaa.gov**

Coastal Services Center - http://www.csc.noaa.gov

Marine Chart Division - http://www.chartmaker.ncd.noaa.gov

Ocean Predictions Center - http://www.opc.ncep.noaa.gov

National Centers for Environmental Predictions - http://www.ncep.noaa.gov

National Climatic Data Center - http://www.ncdc.noaa.gov

National Data Buoy Center - http://www.ndbc.noaa.gov

National Geodetic Survey - http://www.ngs.noaa.gov

National Geophysical Data Center - http://www.ngdc.noaa.gov

National Ocean Service - http://www.nos.noaa.gov

National Oceanic and Atmospheric Administration - http://www.noaa.gov

National Oceanographic Data Center - http://www.nodc.noaa.gov

National Weather Service - http://www.nws.noaa.gov

U.S. Coast Guard - http://www.uscg.mil

U.S. Geological Survey - http://www.usgs.gov

U.S. Naval Observatory - http://www.usno.navy.mil

U.S. Naval Oceanographic Office - https://www.navo.navy.mil

***CORRECTIONS:***

Corrections to this publication, after the date of printing, may appear in the Notice to Mariners. They may also appear in the Local Notice to Mariners, published weekly, by the various United States Coast Guard Districts.

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# IMPORTANT NOTICES

For the most part, tide predictions for U.S. reference stations are based upon analyses of tide observations for periods of at least one year. Since the extremes of meteorological conditions have been excluded from the analyses and predictions, the predicted tidal heights should be considered as those expected under average weather conditions. During times when weather conditions differ from what is considered average for the area, the mariner must take note of the corresponding differences between predicted levels and those actually observed. Generally, prolonged onshore winds or a low barometric pressure can produce higher levels than predicted, while the opposite can result in lower levels than those predicted.

Exclusive of weather conditions, the astronomical tide is subject to range variations which should be noted. Decreased ranges may be expected near the times when the Moon is in apogee (apogean tides) or in quadrature (neap tides), and increased ranges may be expected when the Moon is in perigee (perigean tides) or in a new or full position (spring tides). A larger diurnal range may also result when the Moon is in its maximum declination (tropic tides). The actual range will depend upon the extent to which combinations of these positions reinforce or detract one from the other. The effect of these astronomical lineups is included in the predictions and may be apparent upon inspection.

The mariner may be kept aware of the times of these astronomical events by referring to the astronomical data listed in this book. He should realize, however, that there is generally a time lag from a few hours to several days from the time of the astronomical event to the time of the resultant tide. During times of storm surges or when extreme weather conditions are imminent, the mariner should closely follow local weather forecasts as they relate to the effects upon the tide levels.

Effective January 1, 1989, the chart datum and tidal datum chart, for all nautical charts, bathymetric maps, and tide tables covering the east coast of the United States and areas of the Caribbean Islands were changed from mean low water (MLW) to mean lower low water (MLLW). Notice of changes in tidal datums established through the “National Tidal Datum Convention of 1980" Federal Register, vol. 45, No. 207, Thursday, October 23, 1980, p. 70296-70297.

DAYLIGHT-SAVING TIME IS NOT USED IN THIS PUBLICATION. All daily tide predictions and predictions compiled by the use of Table 2 data are based on the standard time meridian indicated for each location. Predicted times may be converted to daylight saving times, where necessary, by adding 1 hour to these data. In converting times from the Astronomical Data page on the inside back cover, it should be remembered that daylight saving time is based on a meridian 15$^{o}$ east of the normal standard meridian for a particular place.

NOS, in partnership with other agencies and institutions, has established a series of Physical Oceanographic Real Time Systems (PORTS®) in selected areas. These PORTS® sites provide constantly updated information on tide and tidal current conditions, water temperature, and weather conditions. This information is updated every six minutes. PORTS® sites are currently in operation at several major harbors with future sites to be added. The information is accessible through a computer data connection or by a voice response system at the following sites:

| PORTS® SITES | VOICE ACCESS | INTERNET ACCESS |
|---|---|---|
| NARRAGANSETT BAY | 866-75-PORTS (866-757-6787) | www.tidesandcurrents.noaa.gov |
| NEW HAVEN | | “ |
| NEW YORK/NEW JERSEY | 866-21-PORTS (866-217-6787) | “ |
| DELAWARE RIVER & BAY | 866-30-PORTS (866-307-6787) | “ |
| CHESAPEAKE BAY | 866-CH-PORTS (866-247-6787) | “ |
| TAMPA BAY | 866-TB-PORTS (866-827-6787) | “ |
| HOUSTON/GALVESTON | 866-HG-PORTS (866-447-6787) | “ |
| SAN FRANCISCO BAY | 866-SB-PORTS (866-727-6787) | “ |
| LOS ANGELES/LONG BEACH | | “ |
| LOWER COLUMBIA RIVER | | “ |
| TACOMA | | “ |

| PORTS® SITES | VOICE ACCESS | INTERNET ACCESS |
|---|---|---|
| PORT OF ANCHORAGE | 866-AK-PORTS (866-257-6787) | www.tidesandcurrents.noaa.gov |
| SOO LOCKS | | “ |

## PUBLISHED CAUTIONARY NOTICES

Published in Local Notice to Mariners and United States Coast Pilot Notices

### CHANGES TO 2004 AND FUTURE EDITIONS OF THE NOS TIDE TABLES

The National Ocean Service’s, Center for Operational Oceanographic Products and Services (CO-OPS) is continuing to work on updating tidal data for the 1983-2001 Tidal Epoch. The updated information will begin to appear in the 2004 edition of the published Tide Tables and is expected to be completed for the 2005 Tide Tables. In conjunction with the 1983-2001 Tidal Epoch update, CO-OPS has started a comprehensive review of the secondary stations listed in the published Tide Tables. As a result of this review, there will be numerous changes to the stations listed in the “Table 2 - Tidal Differences and Other Constants” pages of the published Tide Tables and in the CO-OPS web products. These changes will include the addition of new stations, removal of obsolete stations, and updating information for other existing stations. These changes will begin to appear in the 2004 edition of the published Tide Tables and are expected to continue for several years.

Tables in which U.S. stations will be affected by the 1983-2001 Epoch and Table 2 station review include:

- Tide Tables - East Coast of North and South America, Including Greenland
- Tide Tables - West Coast of North and South America, Including the Hawaii Islands
- Tide Tables - Central and Western Pacific Ocean and Indian Ocean

Issued October 1, 2003

TIDAL CURRENT PREDICTIONS INSIDE U.S. ESTUARIES

At present there are several U.S. estuaries with operational Physical Oceanographic Real Time Systems (PORTS) installed. PORTS systems are presently being installed in several additional estuaries. Over the next ten years there are projected to be twenty or more additional systems installed. In the past, the tidal current reference station has always been located at the entrance to each estuary. All tidal current secondary stations both inside and outside (along the coast) have been referred to the reference station at the entrance to the estuary. This will no longer be the case in estuaries with an operational PORTS system.

Estuaries with an operational PORTS system will have at least two reference stations. One will be the historic station at the entrance to the estuary. All secondary stations along the coast will continue to be referred to this station. The second tidal current reference station will be the primary PORTS station within the estuary. All secondary locations within the estuary itself will be referred to this location. Depending on the circulation dynamics of the estuary, daily tidal current predictions may be provided for one or more additional stations within the estuary.

(Issued October 1, 1999)

ARANSAS PASS – CORPUS CHRISTI BAY, TX

The Aransas-Corpus Christi Pilots have reported that published tidal current predictions for Aransas Pass deviate from observations by as much as two (2) hours. The published predictions must be used with extreme caution. The Pilots should be consulted for critical transits. Tidal Current predictions of the National Ocean Service (NOS) are derived from analysis of observed data at tidal harmonic frequencies which in turn are based on predictable astronomic positions of the moon and sun. The problem in many areas of the Gulf of Mexico, including the south Texas coast, is that localized meteorological conditions can significantly effect and alter the times of maximum flood and ebb currents. Real-time observation and reporting systems, such as the Physical Oceanographic Real Time System (PORTS) installed in the

Galveston-Houston area, are the only means of providing accurate tidal current data for areas such as this.

(Issued July 17, 1997)

BISCAYNE BAY/PORT OF MIAMI, FL

The Biscayne Bay Pilots report that recent dredging and construction by the US Corps of Engineers (COE) supporting Miami port expansion has significantly effected the currents in Miami Harbor. Both flood and ebb currents should be expected to be stronger than indicated in official published predictions. The actual times for maximum and slack currents should be expected to deviate from the published predictions. Funding to support a survey to obtain new data for more accurate tidal current predictions is not available at this time. Installation of a Physical Oceanographic Real Time System (PORTS), like the one in operation in Tampa Bay, would be the best solution for long term marine safety.

(Issued July 17, 1997)

CHARLESTON HARBOR, SC

The US Army Corps of Engineers (CEO) is planning dredging and construction projects for Charleston Harbor in 1996-1997. Such projects in the past in other areas have resulted in dramatic changes in the observed tidal currents of those areas. Once dredging and/or construction operations commence, the Tidal Current predictions for this region should be considered questionable and potentially dangerous to rely upon. Tide predictions will also be affected but to a lesser degree. Funding for a real time system to monitor the Tidal Currents and a resurvey of the area after COE operations are complete is presently not available. Therefore, once COE operations begin and until such time as a real-time system is installed or a resurvey of the area conducted, the National Oceanic and Atmospheric Administration, National Ocean Service will be unable to provide accurate Tidal Current predictions necessary for marine safety and navigation in this area.

(Issued June 5, 1996)

CHESAPEAKE & DELAWARE CANAL AND BALTIMORE HARBOR CONNECTING CHANNELS

The US Army Corps of Engineers (COE) is planning a project involving the Chesapeake & Delaware Canal (C&D) and the channels in the upper Chesapeake Bay connecting the canal to Baltimore, MD in 1996-1997. Such projects in the past in other areas have resulted in dramatic changes in the observed tidal currents of those areas. Once the project begins, the Tidal Current predictions for the C&D Canal and the channels connecting the canal to Baltimore should be considered questionable and potentially dangerous to rely upon. Tide predictions will be affected but to a lesser degree. Funding for a real-time system to monitor the Tidal Currents and a resurvey of these areas after COE operations are complete is presently not available. Therefore, once COE operations begin and until such time as a real-time system is installed or a resurvey of the area conducted, the National Oceanic and Atmospheric Administration, National Ocean Service will be unable to provide accurate Tidal Current predictions necessary for marine safety and navigation in this area.

(Issued June 5, 1996)

ST. AUGUSTINE, FL – ATLANTIC INTRACOASTAL WATERWAY

The US Coast Guard (USCG) has reported a problem involving the Tidal Currents in the Atlantic Intracoastal Waterway (AICW) in the St. Augustine, FL area. The specific location is the Bridge of Lions over the waterway. Numerous accidents have occurred at this site which are related to the currents in the waterway. There is no National Ocean Service (NOS) Tidal Current Station at or near the Bridge of Lions. Thus the NOS cannot, at this time, make Tidal Current predictions for this location. The USCG states that the cause of the accidents is loss of maneuverability (control) as a vessel passes under the bridge. The loss of maneuverability results in the vessel striking the bridge supports. The USCG states in part:

> "The affect of a 'fair' tide on a navigating vessel is to reduce the vessel's ability to maneuver. When a vessel is proceeding with a current (fair tide), less water flows across the vessel's rudders. This condition has the affect of reducing the vessel's maneuverability for a given speed over ground (all other things being equal).

The Bridge of Lions is a difficult bridge to navigate, even under ideal conditions. This circa 1926 Bascule bridge has a horizontal clearance of only 76' verses the 90' horizontal clearance of most of the other bridges on this section of the AICW."

In addition, according to the US Coast Pilot, Vol 4, Chapter 12, Tidal Currents in excess of 2 knots often run at right angles to the bridge opening. The Coast Pilot advises mariners to transit the bridge at minimal Tidal Current conditions. Funding for real-time monitoring of the Tidal Currents or a survey to obtain Tidal Current observations upon which to base Tidal Current predictions for this location is not presently available. A consortium of local, state, and federal officials in conjunction with the private sector and commercial shipping interests are presently studying various options to provide accurate Tidal Current predictions necessary for marine safety and navigation at this location.

(Issued June 5, 1996)

WILMINGTON AND CAPE FEAR RIVER, NC

The US Army Corps of Engineers (COE) is due to begin dredging operations in the Wilmington and Cape Fear River area in 1997. The plans call for the deepening of the channel approaching Wilmington and extending up the Cape Fear River. Such actions in the past in other areas have resulted in dramatic changes in the observed tidal currents of those areas. Once dredging operations commence, the Tidal Current predictions for this region should be considered questionable at best and potentially dangerous to rely upon. Tide predictions will also be affected but to a lesser degree. Funding for a real-time system to monitor the Tidal Currents during the project and a resurvey of the area after COE operations are complete is presently not available. Therefore, once COE operations begin and until such time as a real-time system is installed or a resurvey of the area conducted, the National Oceanic and Atmospheric Administration, National Ocean Service will be unable to provide accurate Tidal Current predictions necessary for marine safety and navigation in this area.

(Issued June 5, 1996)

HAMPTON ROADS, VA

Tidal currents in Hampton Roads and Elizabeth River have been significantly altered by dredging and construction of a new bridge/tunnel. Recent dredging by the U.S. Army Corps of Engineers has deepened the channels by 10 feet to a depth of 50 feet. Pilots and officials at the Norfolk Naval Base report hazardous conditions including significantly higher than predicted maximum current velocities, and significant deviation in the predicted times of maximum current. Mariners should exercise EXTREME CAUTION and DISCRETION in the use of published NOS tidal current predictions for this area. Funding for a Quality Assurance study and a full scale resurvey of the area is presently not available.

(Issued March 24, 1992)

CHINCOTEAGUE CHANNEL, VA

United States Coast Guard (USCG) Personnel at the Chincoteague Coast Guard Station, VA report that the times of high and low water computed from differences in Table 2 of the East Coast Tide Tables are frequently off by as much as an hour. The channel is subject to shoaling and is frequently dredged. Exercise caution in using Table 2 Tide differences for this area.

(Issued May 17, 1991)

# INTRODUCTION

Tide tables for the use of mariners have been published by the National Ocean Service (formerly the Coast and Geodetic Survey) since 1853. For a number of years these tables appeared as appendixes to the annual reports of the Superintendent of the Survey, and consisted of detailed instructions enabling the mariner to make his own prediction of tides as the occasion arose.

The first tables to give predictions for each day were those for the year 1867. They gave the times and heights of high waters only and were published in two separate parts, one for the Atlantic coast and the other for the Pacific coast of the United States. Together they contained daily predictions for 19 stations and tidal differences for 124 stations. A few years later predictions for the low waters were also included, and for the year 1896 the tables were extended to include the entire maritime world, with full predictions for 70 ports and tidal differences for about 3,000 stations.

The tidal tables are now issued in four volumes, as follows: *Europe and West Coast of Africa (including the Mediterranean Sea); East Coast of North and South America (including Greenland); West Coast of North and South America (including the Hawaiian Islands); Central and Western Pacific Ocean and Indian Ocean.* Together, they contain daily predictions for 269 reference ports and differences and other constants for more than 6,530 stations.

This edition of the Tide Tables, *East Coast of North and South America*, contains full daily predictions for 76 reference ports and differences and other constants for about 2,600 stations in North America, South America, and Greenland. It also contains a table for obtaining the approximate height of the tide at any time, a table of local mean time of sunrise and sunset for every 5th day of the year for different latitudes, a table for the reduction of local mean time to standard time, a table of moonrise and moonset for 8 places, a table of the Greenwich mean time of the Moons' phases, apogee, perigee, greatest north and south and zero declination, and the time of the solar equinoxes and solstices, and a glossary of terms.

Up to and including the tide tables for the year 1884, all the tide predictions were computed by means of auxiliary tables and curves constructed from the results of tide observations at the different ports. From 1885 to 1911, inclusively, the predictions were generally made by means of the Ferrel Tide-predicting machine. From 1912 to 1965, inclusively, they were made by means of the Coast and Geodetic Survey tide-predicting machine No. 2. Since 1966, predictions have been made by electronic computer.

In the preparation of these tables all available observations were used. In some cases, however, the observations were insufficient for obtaining final results. As further information becomes available it will be included in subsequent editions. All persons using these tables are invited to send information or suggestions for increasing their usefulness to the National Ocean Service, Products and Services Division, 1305 East-West Highway, N/OPS3, Silver Spring, Maryland 20910, U.S.A.

The information presented in *Table 4 - Local mean time of sunrise and sunset and in Table 6 - Moonrise and moonset* is computed by the National Ocean Service using the Interactive Computer Ephemeris Program provided by the United States Naval Observatory.

In accordance with cooperative arrangements between the National Ocean Service and the authorities listed below, predictions for the following stations appear in this issue:

*Canadian Hydrographic Service.—Harrington Harbour, Quebec, Halifax, St. John, Pictou, and Argentia.*

*Directoria de Hidrografia e Navegacao, Brazil.—Recife, Rio de Janeiro, and Santos.*

*Servicio Hidrografico, Argentina.—Buenos Aires, Puerto Ingeniero White, Comodoro Rivadiva, and Punta Loyola.*

# LIST OF REFERENCE STATIONS

| Name of station | Page | Datum below mean sea-level | Updated | Data Series |
|---|---|---|---|---|
| Albany, New York | 80 | * 2.49 | 1966 | 192 days beginning 5/1/1934 |
| Amuay, Venezuela | 268 | 0.65 | | |
| Apalachicola, Florida | 196 | 0.92 | 1999 | 3 years (1995-1997) |
| Argentia, Newfoundland | 4 | 4.3 | | |
| Atlantic City, New Jersey | 88 | 2.23 | 2006 | 5 years (1999-2003) |
| Baltimore, Maryland | 108 | 0.82 | 2001 | 5 years (1994-1998) |
| Bar Harbor, Maine | 32 | 5.71 | 2003 | 5 years (1992-1996) |
| Bayonne Bridge, New York | 76 | 2.78 | 1999 | 4 years (1990-1991, 1994-1995) |
| Bermuda Esso Pier, Bahama | 240 | 1.35 | 2002 | 4 years (1990-1993) |
| Boston, Massachusetts | 40 | 5.22 | 2001 | 5 years (1994-1998) |
| Breakwater Harbor, Delaware | 92 | 2.27 | 2001 | 5 years (1994-1998) |
| Bridgeport, Connecticut | 64 | 3.61 | 2001 | 5 years (1994-1998) |
| Buenos Aires, Argentina | 292 | 2.6 | | |
| Cape Hatteras, North Carolina | 132 | 1.65 | 1998 | 4 years (1988-1991) |
| Cedar Key, Florida | 188 | 2.03 | 2003 | 5 years (1992-1997) |
| Charleston, South Carolina | 144 | 2.95 | 2003 | 5 years (1996-2000) |
| Charlotte Amalie, St. Thomas Island | 256 | 0.38 | 2002 | 8 years (1984-1991) |
| Chesapeake Bay Bridge Tunnel, Virginia | 116 | 1.45 | 2006 | 5 years (1999-2003) |
| Comodoro Rivadavia, Argentina | 300 | 10.3 | | |
| Cristobal, Panama | 236 | 0.38 | | |
| Dauphin Island, Alabama | 204 | 0.57 | 1998 | 4 years (1993-1996) |
| Duck Pier, North Carolina | 124 | 1.81 | 2003 | 5 years (1996-2000) |
| Eastport, Maine | 28 | 9.71 | 2001 | 5 years (1994-1998) |
| Fernandina Beach, Florida | 156 | 3.35 | 2003 | 3 years (1998-2000) |
| Galveston, Texas | 220 | 0.82 | 2006 | 5 years (1999-2003) |
| Grand Isle, Louisiana | 216 | 0.56 | 2006 | 5 years (1999-2003) |
| Halifax, Nova Scotia | 20 | 4.3 | | |
| Hampton Roads, Virginia | 120 | 1.38 | 2002 | 5 years (1995-1999) |
| Harrington Harbour, Quebec | 12 | 3.5 | | |
| Isla Zapara, Venezuela | 264 | 2.70 | | |
| Key West, Florida | 176 | 0.92 | 2003 | 5 years (1996-2000) |
| Kings Point, Long Island, New York | 68 | 3.87 | 2006 | 5 years (1999-2003) |
| Lime Tree, Saint Croix, Virgin Islands | 260 | 0.38 | 2002 | 3 years (1995-1997) |
| Magueyes Island, Puerto Rico | 248 | 0.34 | 2002 | 3 years (1995-1997) |
| Mayport, Florida | 160 | 2.46 | 2005 | 3 years (2001-2003) |
| Miami, Government Cut, Florida | 168 | 1.43 | 2005 | 2 years (1985-1986) |
| Mobile, Alabama | 208 | 0.83 | 1990 | 2 years (1985-1986) |
| Montauk, Fort Pond Bay, New York | 56 | 1.09 | 2003 | 5 years (1996-2000) |
| Myrtle Beach, South Carolina | 140 | 2.75 | 2006 | 5 years (1999-2003) |
| Nantucket, Massachusetts | 44 | 1.79 | 2005 | 5 years (1999-2003) |
| Naples, Florida | 180 | 1.69 | 2003 | 4 years (1992-1996) |
| New London, Connecticut | 60 | 1.55 | 2001 | 5 years (1994-1998) |
| New York (The Battery), New York | 72 | 2.58 | 2006 | 5 years (1999-2003) |
| Newport, Rhode Island | 52 | 1.77 | 2001 | 5 years (1994-1998) |
| Ocean City, Maryland | 104 | 1.87 | 1999 | 5 years (1985-1989) |
| Oregon Inlet, North Carolina | 128 | 0.66 | 1999 | 4 years (1995-1998) |

# LIST OF REFERENCE STATIONS Cont.

| Name of station | Page | Datum below mean sea-level | Updated | Data Series |
|---|---|---|---|---|
| Padre Island, Texas | 228 | 0.86 | 1998 | 1 year (1963) |
| Pensacola, Florida | 200 | 0.62 | 2003 | 5 years (1996-2000) |
| Philadelphia, Pennsylvania | 100 | * 3.47 | 2006 | 5 years (1999-2003) |
| Pictou, Nova Scotia | 8 | 3.9 | | |
| Port Canaveral (Trident Pier), Florida | 164 | 1.92 | 2003 | 5 years (1997-2001) |
| Port O'Connor, Texas | 224 | 0.42 | 1999 | 29 days beginning 2/1/1989 |
| Portland, Maine | 36 | 4.93 | 2001 | 5 years (1993-1997) |
| Puerto Ingeniero White, Argentina | 296 | 8.5 | | |
| Punta Gorda, Venezuela | 272 | 3.30 | | |
| Punta Loyola, Argentina | 304 | 20.3 | | |
| Quebec, Quebec | 16 | * 8.5 | | |
| Recife, Brazil | 280 | 3.7 | | |
| Reedy Point, Delaware | 96 | 2.99 | 2006 | 5 years (1999-2003) |
| Rio de Janeiro, Brazil | 284 | 2.3 | | |
| St. John, New Brunswick | 24 | 14.5 | | |
| St. Marks River Entrance, Florida | 192 | 1.93 | 1996 | 358 days beginning 9/1/1970 |
| St. Petersburg, Florida | 184 | 1.19 | 2006 | 5 years (1999-2003) |
| San Juan, Puerto Rico | 252 | 0.78 | 1999 | 4 years (1983-1996) |
| Sandy Hook, New Jersey | 84 | 2.56 | 2006 | 5 years (1999-2003) |
| Santos, Brazil | 288 | 2.5 | | |
| Savannah, Georgia | 152 | 4.38 | 1990 | 1 year (1980) |
| Savannah River Entrance, Georgia | 148 | 3.80 | 2003 | 5 years (1996-2000) |
| Settlement Point, Bahama | 244 | 1.45 | 2002 | 4 years (1986-1988, 1990) |
| South Pass, Louisiana | 212 | .68 | 1999 | 3 years (1989-1991) |
| Suriname River Entrance, Surinam | 276 | 4.28 | | |
| Tampico Harbor, Mexico | 232 | 0.84 | | |
| Vaca Key, Florida | 172 | 0.52 | 1997 | 4 years (1985-1987, 1989) |
| Washington, D.C. | 112 | * 1.56 | 2001 | 5 years (1994-1998) |
| Wilmington, North Carolina | 136 | * 2.33 | 2006 | 5 years (1999-2003) |
| Woods Hole, Massachusetts | 48 | 1.04 | 2005 | 5 years (1999-2003) |

*Datum below mean river level.

**New Reference Station.

Each datum figure above represents the difference in elevation between the local mean sea (or river) level and the reference level from which the predicted heights in table 1 were calculated.

Local mean sea level datum should not be confused with the National Geodetic Vertical Datum which is the datum of the geodetic level net of the United States. Relationships between geodetic and local tidal datums are published in connection with the tidal benchmark data of the National Ocean Service.

# TABLE 1.—DAILY TIDE PREDICTIONS

## EXPLANATION OF TABLE

This table contains the predicted times and heights of the high and low waters for each day of the year at a number of places which are designated as reference stations. By using tidal differences from table 2, one can calculate the approximate times and heights of the tide at many other places which are called subordinate stations. Instructions on the use of the tidal differences are found in the explanation of table 2.

High water is the maximum height reached by each rising tide, and low water is the minimum height reached by each falling tide. High and low waters can be selected from the predictions by the comparison of consecutive heights. Because of diurnal inequality at certain places, however, there may be a difference of only a few tenths of a foot between one high water and low water of a day, but a marked difference in height between the other high water and low water. Therefore, in using the Tide Tables it is essential to note carefully the heights as well as the times of the tides.

**Time.—** The kind of time used for the predictions at each reference station is indicated by the time meridian at the bottom of each page. Daylight-saving time is not used in this publication. If daylight-saving time is required, add one (1) hour to the predicted time.

**Datum.—** The datum from which the predicted heights are recorded is the same as that used for the nautical charts of the locality. The datum for the Atlantic coast of the United States is mean lower low water (MLLW). For foreign coasts a datum approximating to mean low water springs, Indian spring low water, or the lowest possible low water is generally used. The depression of the datum below mean sea level (MSL) for each of the reference stations of this volume is given on the preceding page.

**Depth of water.—** The nautical charts published by the United States and other maritime nations show the depth of the water as referred to a low water datum corresponding to that from which the predicted tidal heights are recorded. To find the actual depth of water at any time, the height of the tide should be added to the charted depth. If the height of the tide is negative—that is, if there is a minus sign (—) before the tabular height—the height should be subtracted from the charted depth. For any time between high and low water, the height of the tide may be estimated from the heights of the preceding and the following tides, or table 3 may be used. The reference stations in table 1 contain the heights in centimeters as well as in feet.

**Variation in sea level.—** Changes in winds and barometric conditions cause variations in sea level from day to day. In general, with onshore winds or a low barometer the heights of both the high and low waters will be higher than predicted, while with offshore winds or a high barometer they will be lower. There are also seasonal variations in sea level, but these variations have been included in the predictions for each station. At ocean stations the seasonal variation in sea level is usually less than half a foot.

At stations on tidal rivers the average seasonal variation in river level due to freshets and droughts may be considerably more than a foot. The predictions for these stations include an allowance for this seasonal variation representing average freshet and drought conditions. Unusual freshets or droughts, however, will cause the tides to be higher or lower, respectively, than predicted.

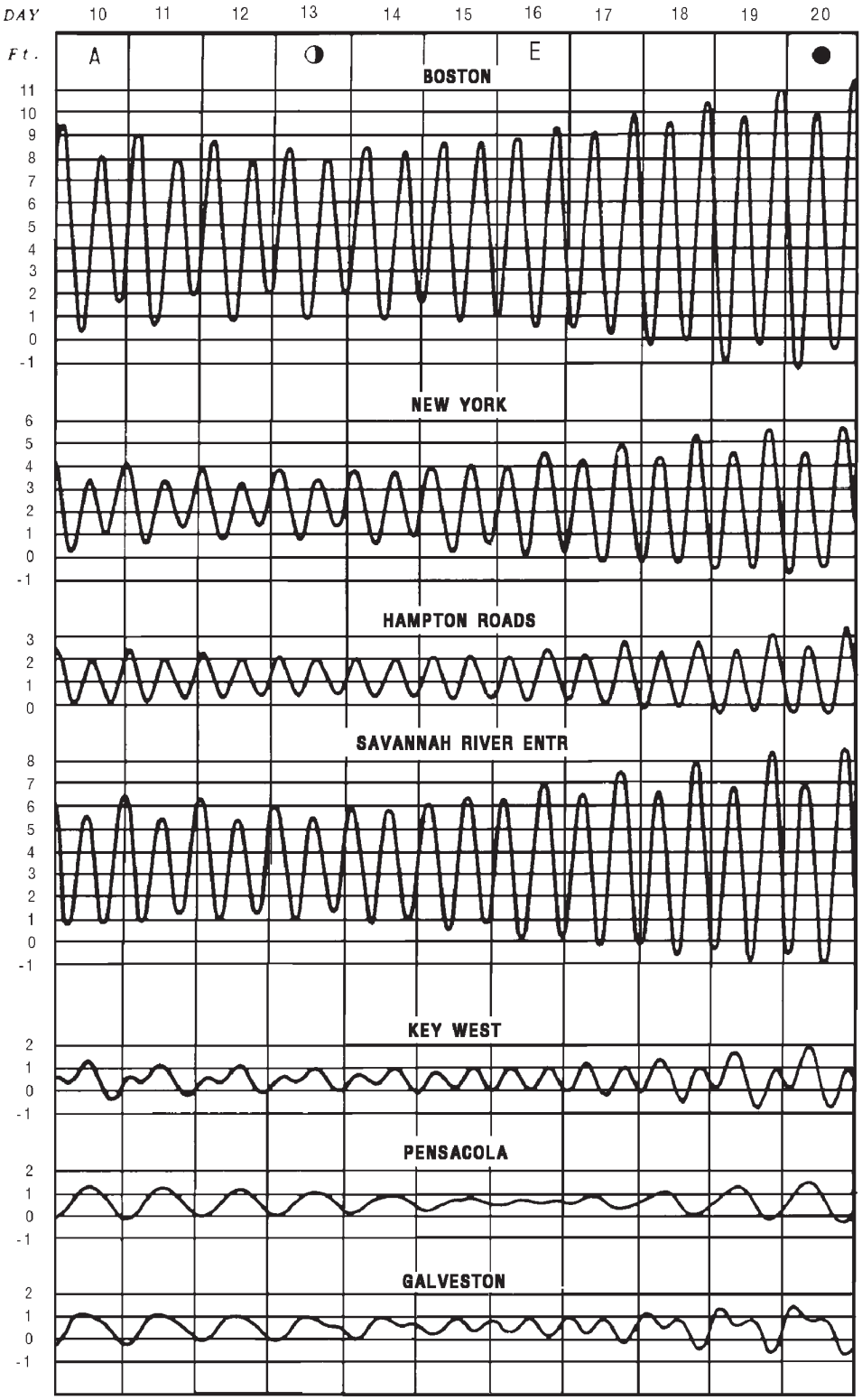
**Number of tides.—** There are usually two high and two low waters in a day. Tides follow the Moon more closely than they do the Sun, and the lunar or tidal day is about 50 minutes longer than the solar day. This causes the tide to occur later each day, and a tide that has occurred near the end of one calendar day will be followed by a corresponding tide that may skip the next day and occur in the early morning of the third day. Thus, on certain days of each month only a single high or a single low water occurs. At some stations, during portions of each month, the tide becomes diurnal—that is, only one high and one low water will occur during the period of a lunar day.

TABLE 1.—DAILY TIDE PREDICTIONS

**Relation of tide to current.—** In using these tables of tide predictions bear in mind that they give the times and heights of high and low waters and not the times of turning of the current or slack water. For stations on the outer coast there is usually a small difference between the time of high or low water and the beginning of ebb or flood current, but for places in narrow channels, landlocked harbors, or on tidal rivers, the time of slack water may differ by several hours from the time of high or low water stand. The relation of the times of high and low water to the turning of the current depends upon a number of factors, so no simple or general rule can be given. For the predicted time of slack water, and other current data, reference should be made to the Tidal Current Tables prepared by the National Ocean Service, for the Atlantic and the Pacific coast of North America and Asia.

**Typical tide curves.—** The variations in the tide from day to day and from place to place are illustrated on the opposite page by the tide curves for representative ports along the Atlantic and Gulf coasts of the United States. Note that the range of tide for stations along the Atlantic coast varies from place to place but that the type is uniformly semidiurnal with the principal variations following the changes in the Moon's distance and phase. In the Gulf of Mexico, however, the type of tide differs considerably and the range of tide is uniformly small. At certain ports such as Pensacola there is usually only one high and one low water a day while at other ports such as Galveston the inequality is such that the tide is semidiurnal around the times the Moon is on the Equator but becomes diurnal around the times of maximum north or south declination of the Moon. In the Gulf of Mexico, consequently, the principal variations in the tide are due to the changing declination of the Moon. Key West, at the entrance to the Gulf of Mexico, has a type of tide which is a mixture of semidiurnal and diurnal types. Here the tide is semidiurnal but there is considerable inequality in the heights of high and low waters. By reference to the curves it will be seen that where the inequality is large there are times when there is only a few tenths of a foot difference between high water and low water.

## TYPICAL TIDE CURVES FOR UNITED STATES PORTS




A discussion of these curves is given on the preceding page.

*Lunar data:* A – Moon in apogee
◑ – last quarter
E – Moon on Equater
● – new Moon

# Argentia, Newfoundland, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm | | h m | ft cm | | h m | ft cm |
| 1 Tu | 0223 | 6.2 190 | 16 W | 0142 | 6.9 210 | 1 F | 0326 | 6.2 190 | 16 Sa | 0347 | 6.9 210 |
| | 0752 | 3.3 100 | | 0706 | 2.6 80 | | 1007 | 3.6 110 | | 1044 | 3.0 90 |
| | 1504 | 5.9 180 | | 1401 | 6.2 190 | | 1604 | 5.2 160 | | 1617 | 5.9 180 |
| | 2028 | 3.3 100 | | 1924 | 2.3 70 | | 2200 | 3.3 100 | | 2200 | 3.0 90 |
| 2 W | 0319 | 6.2 190 | 17 Th | 0249 | 6.9 210 | 2 Sa | 0431 | 6.2 190 | 17 Su | 0502 | 7.2 220 |
| | 0935 | 3.3 100 | | 0824 | 2.6 80 | | 1113 | 3.3 100 | | 1150 | 2.6 80 |
| | 1602 | 5.6 170 | | 1510 | 6.2 190 | | 1704 | 5.2 160 | | 1736 | 5.9 180 |
| | 2143 | 3.0 90 | | 2037 | 2.6 80 | | 2259 | 3.0 90 | | 2326 | 2.6 80 |
| 3 Th | 0416 | 6.2 190 | 18 F | 0401 | 6.9 210 | 3 Su | 0534 | 6.6 200 | 18 M | 0613 | 7.5 230 |
| | 1041 | 3.0 90 | | 1022 | 2.6 80 | | 1207 | 3.3 100 | | 1241 | 2.3 70 |
| | 1657 | 5.6 170 | | 1624 | 5.9 180 | | 1759 | 5.6 170 | | 1840 | 6.2 190 |
| | 2236 | 3.0 90 | | 2159 | 2.3 70 | | 2351 | 2.6 80 | | | |
| 4 F | 0512 | 6.6 200 | 19 Sa | 0511 | 7.2 220 | 4 M | 0629 | 6.9 210 | 19 Tu | 0028 | 2.3 70 |
| | 1134 | 3.0 90 | | 1139 | 2.3 70 | | 1252 | 3.0 90 | | 0712 | 7.9 240 |
| | 1747 | 5.6 170 | | 1737 | 6.2 190 | | 1846 | 5.9 180 | | 1320 | 2.0 60 |
| | 2323 | 2.6 80 | | 2309 | 2.3 70 | | | | | 1928 | 6.9 210 |
| 5 Sa | 0604 | 6.6 200 | 20 Su | 0618 | 7.5 230 | 5 Tu | 0040 | 2.3 70 | 20 W | 0117 | 2.0 60 |
| | 1222 | 3.0 90 | | 1240 | 2.3 70 | | 0714 | 7.2 220 | | 0801 | 8.2 250 |
| | 1830 | 5.9 180 | | 1842 | 6.2 190 | | 1329 | 2.6 80 | | 1350 | 2.0 60 |
| | | | | | | | 1927 | 6.2 190 | | 2009 | 7.2 220 |
| 6 Su | 0009 | 2.3 70 | 21 M | 0012 | 2.3 70 | 6 W | 0124 | 2.0 60 | 21 Th ○ | 0156 | 1.6 50 |
| | 0652 | 6.9 210 | | 0718 | 8.2 250 | | 0754 | 7.5 230 | | 0842 | 8.2 250 |
| | 1306 | 2.6 80 | | 1330 | 2.0 60 | | 1402 | 2.3 70 | | 1419 | 1.6 50 |
| | 1909 | 5.9 180 | | 1937 | 6.6 200 | | 2005 | 6.6 200 | | 2045 | 7.2 220 |
| 7 M | 0054 | 2.3 70 | 22 Tu ○ | 0111 | 2.0 60 | 7 Th ● | 0205 | 1.6 50 | 22 F | 0231 | 1.6 50 |
| | 0734 | 7.2 220 | | 0811 | 8.2 250 | | 0831 | 7.9 240 | | 0918 | 7.9 240 |
| | 1346 | 2.3 70 | | 1411 | 1.6 50 | | 1432 | 2.0 60 | | 1448 | 1.6 50 |
| | 1947 | 6.2 190 | | 2024 | 6.9 210 | | 2043 | 6.9 210 | | 2119 | 7.5 230 |
| 8 Tu ● | 0137 | 2.0 60 | 23 W | 0202 | 1.6 50 | 8 F | 0241 | 1.6 50 | 23 Sa | 0304 | 1.6 50 |
| | 0814 | 7.5 230 | | 0859 | 8.5 260 | | 0907 | 7.9 240 | | 0950 | 7.5 230 |
| | 1422 | 2.3 70 | | 1445 | 1.6 50 | | 1501 | 1.6 50 | | 1518 | 1.6 50 |
| | 2024 | 6.2 190 | | 2107 | 7.2 220 | | 2120 | 7.2 220 | | 2153 | 7.2 220 |
| 9 W | 0217 | 2.0 60 | 24 Th | 0246 | 1.6 50 | 9 Sa | 0315 | 1.3 40 | 24 Su | 0337 | 1.6 50 |
| | 0852 | 7.9 240 | | 0943 | 8.2 250 | | 0944 | 7.9 240 | | 1020 | 7.2 220 |
| | 1456 | 2.0 60 | | 1518 | 2.0 60 | | 1530 | 1.3 40 | | 1550 | 1.6 50 |
| | 2103 | 6.6 200 | | 2147 | 7.2 220 | | 2159 | 7.5 230 | | 2229 | 7.2 220 |
| 10 Th | 0255 | 2.0 60 | 25 F | 0325 | 1.6 50 | 10 Su | 0349 | 1.3 40 | 25 M | 0410 | 2.0 60 |
| | 0929 | 7.9 240 | | 1023 | 7.9 240 | | 1022 | 7.9 240 | | 1051 | 6.9 210 |
| | 1527 | 2.0 60 | | 1550 | 2.0 60 | | 1602 | 1.3 40 | | 1623 | 2.0 60 |
| | 2143 | 6.9 210 | | 2227 | 7.2 220 | | 2242 | 7.5 230 | | 2306 | 6.9 210 |
| 11 F | 0332 | 2.0 60 | 26 Sa | 0402 | 1.6 50 | 11 M | 0425 | 1.3 40 | 26 Tu | 0444 | 2.0 60 |
| | 1007 | 7.9 240 | | 1101 | 7.5 230 | | 1102 | 7.5 230 | | 1125 | 6.6 200 |
| | 1557 | 2.0 60 | | 1623 | 2.0 60 | | 1636 | 1.6 50 | | 1656 | 2.3 70 |
| | 2225 | 6.9 210 | | 2307 | 6.9 210 | | 2328 | 7.5 230 | | 2346 | 6.9 210 |
| 12 Sa | 0408 | 2.0 60 | 27 Su | 0438 | 2.0 60 | 12 Tu | 0503 | 1.6 50 | 27 W | 0519 | 2.6 80 |
| | 1046 | 7.5 230 | | 1137 | 7.2 220 | | 1146 | 6.9 210 | | 1205 | 5.9 180 |
| | 1628 | 2.0 60 | | 1658 | 2.3 70 | | 1714 | 1.6 50 | | 1731 | 2.6 80 |
| | 2308 | 6.9 210 | | 2349 | 6.9 210 | | | | | | |
| 13 Su | 0446 | 2.0 60 | 28 M | 0515 | 2.3 70 | 13 W | 0020 | 7.2 220 | 28 Th ◑ | 0033 | 6.6 200 |
| | 1127 | 7.2 220 | | 1216 | 6.6 200 | | 0545 | 2.0 60 | | 0558 | 3.0 90 |
| | 1703 | 2.0 60 | | 1734 | 2.6 80 | | 1237 | 6.6 200 | | 1255 | 5.6 170 |
| | 2354 | 6.9 210 | | | | | 1757 | 2.0 60 | | 1810 | 3.0 90 |
| 14 M | 0526 | 2.0 60 | 29 Tu | 0034 | 6.6 200 | 14 Th ◐ | 0121 | 6.9 210 | 29 F | 0131 | 6.2 190 |
| | 1211 | 6.9 210 | | 0556 | 2.6 80 | | 0637 | 2.6 80 | | 0649 | 3.6 110 |
| | 1742 | 2.0 60 | | 1302 | 6.2 190 | | 1340 | 6.2 190 | | 1402 | 5.2 160 |
| | | | | 1815 | 3.0 90 | | 1847 | 2.3 70 | | 1902 | 3.3 100 |
| 15 Tu ◐ | 0045 | 6.9 210 | 30 W ◑ | 0124 | 6.6 200 | 15 F | 0232 | 6.9 210 | | | |
| | 0611 | 2.3 70 | | 0643 | 3.0 90 | | 0758 | 3.0 90 | | | |
| | 1301 | 6.6 200 | | 1359 | 5.6 170 | | 1457 | 5.9 180 | | | |
| | 1828 | 2.3 70 | | 1904 | 3.0 90 | | 1959 | 3.0 90 | | | |
| | | | 31 Th | 0222 | 6.2 190 | | | | | | |
| | | | | 0800 | 3.3 100 | | | | | | |
| | | | | 1502 | 5.6 170 | | | | | | |
| | | | | 2028 | 3.3 100 | | | | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0239 | 6.2 190 | 16 Su | 0336 | 6.9 210 |
| | 0940 | 3.6 110 | | 1046 | 3.0 90 |
| | 1512 | 5.2 160 | | 1615 | 5.9 180 |
| | 2120 | 3.3 100 | | 2242 | 3.0 90 |
| 2 Su | 0349 | 6.2 190 | 17 M | 0454 | 6.9 210 |
| | 1053 | 3.6 110 | | 1141 | 2.6 80 |
| | 1621 | 5.2 160 | | 1729 | 6.2 190 |
| | 2234 | 3.3 100 | | 2342 | 2.6 80 |
| 3 M | 0458 | 6.6 200 | 18 Tu | 0605 | 7.2 220 |
| | 1145 | 3.3 100 | | 1222 | 2.3 70 |
| | 1727 | 5.6 170 | | 1826 | 6.6 200 |
| | 2330 | 3.0 90 | | | |
| 4 Tu | 0559 | 6.9 210 | 19 W | 0029 | 2.3 70 |
| | 1225 | 3.0 90 | | 0659 | 7.5 230 |
| | 1820 | 5.9 180 | | 1252 | 2.3 70 |
| | | | | 1910 | 6.9 210 |
| 5 W | 0020 | 2.3 70 | 20 Th | 0107 | 2.0 60 |
| | 0647 | 7.2 220 | | 0743 | 7.5 230 |
| | 1259 | 2.3 70 | | 1318 | 2.0 60 |
| | 1902 | 6.6 200 | | 1946 | 7.2 220 |
| 6 Th | 0104 | 2.0 60 | 21 F ○ | 0139 | 1.6 50 |
| | 0727 | 7.5 230 | | 0818 | 7.5 230 |
| | 1330 | 2.0 60 | | 1346 | 1.6 50 |
| | 1939 | 6.9 210 | | 2019 | 7.5 230 |
| 7 F ● | 0142 | 1.6 50 | 22 Sa | 0210 | 1.6 50 |
| | 0805 | 7.9 240 | | 0848 | 7.2 220 |
| | 1359 | 1.6 50 | | 1415 | 1.6 50 |
| | 2016 | 7.5 230 | | 2051 | 7.5 230 |
| 8 Sa | 0218 | 1.0 30 | 23 Su | 0240 | 1.6 50 |
| | 0841 | 7.9 240 | | 0915 | 7.2 220 |
| | 1429 | 1.3 40 | | 1446 | 1.3 40 |
| | 2054 | 7.9 240 | | 2122 | 7.5 230 |
| 9 Su | 0252 | 1.0 30 | 24 M | 0312 | 1.6 50 |
| | 0918 | 7.9 240 | | 0943 | 6.9 210 |
| | 1501 | 1.0 30 | | 1518 | 1.6 50 |
| | 2135 | 7.9 240 | | 2155 | 7.2 220 |
| 10 M | 0326 | 1.0 30 | 25 Tu | 0343 | 1.6 50 |
| | 0957 | 7.9 240 | | 1012 | 6.6 200 |
| | 1535 | 1.0 30 | | 1551 | 1.6 50 |
| | 2219 | 7.9 240 | | 2231 | 7.2 220 |
| 11 Tu | 0402 | 1.0 30 | 26 W | 0416 | 2.0 60 |
| | 1038 | 7.2 220 | | 1045 | 6.2 190 |
| | 1610 | 1.3 40 | | 1623 | 2.0 60 |
| | 2307 | 7.5 230 | | 2309 | 6.9 210 |
| 12 W | 0441 | 1.3 40 | 27 Th | 0449 | 2.3 70 |
| | 1125 | 6.9 210 | | 1123 | 5.9 180 |
| | 1649 | 1.6 50 | | 1656 | 2.6 80 |
| | | | | 2355 | 6.6 200 |
| 13 Th | 0004 | 7.5 230 | 28 F | 0527 | 3.0 90 |
| | 0525 | 2.0 60 | | 1211 | 5.6 170 |
| | 1222 | 6.2 190 | | 1732 | 3.0 90 |
| | 1731 | 2.0 60 | | | |
| 14 F ◐ | 0111 | 7.2 220 | 29 Sa ◑ | 0051 | 6.6 200 |
| | 0618 | 2.6 80 | | 0613 | 3.3 100 |
| | 1337 | 5.9 180 | | 1316 | 5.2 160 |
| | 1821 | 2.6 80 | | 1817 | 3.3 100 |
| 15 Sa | 0223 | 6.9 210 | 30 Su | 0156 | 6.6 200 |
| | 0931 | 3.0 90 | | 0905 | 3.6 110 |
| | 1457 | 5.6 170 | | 1430 | 5.2 160 |
| | 1941 | 3.3 100 | | 1945 | 3.6 110 |
| | | | 31 M | 0305 | 6.2 190 |
| | | | | 1020 | 3.6 110 |
| | | | | 1540 | 5.2 160 |
| | | | | 2204 | 3.3 100 |

Time meridian 52° 30' W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings. Subtract 1.9 feet (62 centimeters) to refer these levels to the datum of N.O.S. charts.

# Argentia, Newfoundland, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0414 | 6.6 | 200 |
| | 1108 | 3.3 | 100 |
| | 1649 | 5.6 | 170 |
| | 2303 | 3.0 | 90 |
| **2** W | 0519 | 6.6 | 200 |
| | 1146 | 2.6 | 80 |
| | 1744 | 6.2 | 190 |
| | 2352 | 2.3 | 70 |
| **3** Th | 0612 | 6.9 | 210 |
| | 1219 | 2.3 | 70 |
| | 1829 | 6.9 | 210 |
| **4** F | 0035 | 1.6 | 50 |
| | 0655 | 7.2 | 220 |
| | 1251 | 1.6 | 50 |
| | 1909 | 7.2 | 220 |
| **5** Sa | 0113 | 1.3 | 40 |
| | 0735 | 7.5 | 230 |
| | 1323 | 1.3 | 40 |
| | 1949 | 7.9 | 240 |
| **6** Su ● | 0150 | 1.0 | 30 |
| | 0814 | 7.9 | 240 |
| | 1357 | 1.0 | 30 |
| | 2030 | 7.9 | 240 |
| **7** M | 0227 | 0.7 | 20 |
| | 0853 | 7.9 | 240 |
| | 1432 | 1.0 | 30 |
| | 2114 | 8.2 | 250 |
| **8** Tu | 0305 | 0.7 | 20 |
| | 0934 | 7.5 | 230 |
| | 1509 | 1.0 | 30 |
| | 2202 | 8.2 | 250 |
| **9** W | 0344 | 1.0 | 30 |
| | 1019 | 7.2 | 220 |
| | 1547 | 1.3 | 40 |
| | 2255 | 7.9 | 240 |
| **10** Th | 0426 | 1.6 | 50 |
| | 1113 | 6.6 | 200 |
| | 1628 | 1.6 | 50 |
| | 2358 | 7.5 | 230 |
| **11** F | 0513 | 2.0 | 60 |
| | 1222 | 6.2 | 190 |
| | 1713 | 2.3 | 70 |
| **12** Sa ◐ | 0105 | 7.2 | 220 |
| | 0612 | 2.6 | 80 |
| | 1340 | 5.9 | 180 |
| | 1809 | 3.0 | 90 |
| **13** Su | 0213 | 6.9 | 210 |
| | 0922 | 3.0 | 90 |
| | 1450 | 5.9 | 180 |
| | 2131 | 3.3 | 100 |
| **14** M | 0323 | 6.6 | 200 |
| | 1027 | 3.0 | 90 |
| | 1600 | 5.9 | 180 |
| | 2238 | 3.0 | 90 |
| **15** Tu | 0439 | 6.6 | 200 |
| | 1114 | 2.6 | 80 |
| | 1707 | 6.2 | 190 |
| | 2330 | 2.6 | 80 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0546 | 6.9 | 210 |
| | 1149 | 2.3 | 70 |
| | 1800 | 6.6 | 200 |
| **17** Th | 0011 | 2.3 | 70 |
| | 0637 | 6.9 | 210 |
| | 1215 | 2.3 | 70 |
| | 1843 | 6.9 | 210 |
| **18** F | 0045 | 2.0 | 60 |
| | 0717 | 6.9 | 210 |
| | 1241 | 2.0 | 60 |
| | 1919 | 7.2 | 220 |
| **19** Sa | 0116 | 1.6 | 50 |
| | 0750 | 6.9 | 210 |
| | 1311 | 1.6 | 50 |
| | 1952 | 7.5 | 230 |
| **20** Su ○ | 0146 | 1.6 | 50 |
| | 0817 | 6.9 | 210 |
| | 1343 | 1.3 | 40 |
| | 2024 | 7.5 | 230 |
| **21** M | 0217 | 1.6 | 50 |
| | 0844 | 6.6 | 200 |
| | 1417 | 1.3 | 40 |
| | 2056 | 7.5 | 230 |
| **22** Tu | 0248 | 1.6 | 50 |
| | 0912 | 6.6 | 200 |
| | 1450 | 1.6 | 50 |
| | 2129 | 7.2 | 220 |
| **23** W | 0321 | 2.0 | 60 |
| | 0943 | 6.2 | 190 |
| | 1524 | 2.0 | 60 |
| | 2205 | 7.2 | 220 |
| **24** Th | 0354 | 2.0 | 60 |
| | 1017 | 6.2 | 190 |
| | 1557 | 2.3 | 70 |
| | 2245 | 7.2 | 220 |
| **25** F | 0429 | 2.3 | 70 |
| | 1057 | 5.9 | 180 |
| | 1630 | 2.6 | 80 |
| | 2330 | 6.9 | 210 |
| **26** Sa | 0507 | 3.0 | 90 |
| | 1147 | 5.6 | 170 |
| | 1707 | 3.0 | 90 |
| **27** Su | 0022 | 6.9 | 210 |
| | 0553 | 3.3 | 100 |
| | 1249 | 5.6 | 170 |
| | 1754 | 3.3 | 100 |
| **28** M ◑ | 0118 | 6.6 | 200 |
| | 0703 | 3.6 | 110 |
| | 1354 | 5.6 | 170 |
| | 1904 | 3.3 | 100 |
| **29** Tu | 0219 | 6.6 | 200 |
| | 0922 | 3.3 | 100 |
| | 1458 | 5.6 | 170 |
| | 2118 | 3.3 | 100 |
| **30** W | 0324 | 6.2 | 190 |
| | 1015 | 3.0 | 90 |
| | 1603 | 5.9 | 180 |
| | 2225 | 2.6 | 80 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0431 | 6.6 | 200 |
| | 1055 | 2.6 | 80 |
| | 1702 | 6.6 | 200 |
| | 2316 | 2.3 | 70 |
| **2** F | 0530 | 6.6 | 200 |
| | 1132 | 2.0 | 60 |
| | 1753 | 6.9 | 210 |
| **3** Sa | 0001 | 1.6 | 50 |
| | 0620 | 6.9 | 210 |
| | 1208 | 1.6 | 50 |
| | 1840 | 7.5 | 230 |
| **4** Su | 0043 | 1.3 | 40 |
| | 0704 | 7.2 | 220 |
| | 1247 | 1.3 | 40 |
| | 1925 | 7.9 | 240 |
| **5** M ● | 0124 | 1.0 | 30 |
| | 0747 | 7.5 | 230 |
| | 1326 | 1.0 | 30 |
| | 2011 | 8.2 | 250 |
| **6** Tu | 0207 | 1.0 | 30 |
| | 0831 | 7.5 | 230 |
| | 1406 | 1.0 | 30 |
| | 2059 | 8.2 | 250 |
| **7** W | 0249 | 1.0 | 30 |
| | 0917 | 7.2 | 220 |
| | 1448 | 1.0 | 30 |
| | 2152 | 8.2 | 250 |
| **8** Th | 0333 | 1.3 | 40 |
| | 1008 | 6.9 | 210 |
| | 1531 | 1.3 | 40 |
| | 2250 | 8.2 | 250 |
| **9** F | 0419 | 1.6 | 50 |
| | 1109 | 6.6 | 200 |
| | 1616 | 2.0 | 60 |
| | 2351 | 7.9 | 240 |
| **10** Sa | 0509 | 2.3 | 70 |
| | 1220 | 6.2 | 190 |
| | 1706 | 2.3 | 70 |
| **11** Su | 0054 | 7.5 | 230 |
| | 0610 | 2.6 | 80 |
| | 1326 | 6.2 | 190 |
| | 1809 | 3.0 | 90 |
| **12** M ◐ | 0156 | 6.9 | 210 |
| | 0845 | 3.0 | 90 |
| | 1428 | 6.2 | 190 |
| | 2101 | 3.0 | 90 |
| **13** Tu | 0302 | 6.6 | 200 |
| | 0950 | 3.0 | 90 |
| | 1529 | 6.2 | 190 |
| | 2209 | 3.0 | 90 |
| **14** W | 0411 | 6.6 | 200 |
| | 1033 | 3.0 | 90 |
| | 1630 | 6.2 | 190 |
| | 2259 | 2.6 | 80 |
| **15** Th | 0514 | 6.2 | 190 |
| | 1104 | 2.6 | 80 |
| | 1725 | 6.6 | 200 |
| | 2342 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0605 | 6.2 | 190 |
| | 1133 | 2.3 | 70 |
| | 1811 | 6.9 | 210 |
| **17** Sa | 0018 | 2.3 | 70 |
| | 0646 | 6.2 | 190 |
| | 1205 | 2.0 | 60 |
| | 1850 | 7.2 | 220 |
| **18** Su | 0051 | 2.0 | 60 |
| | 0720 | 6.2 | 190 |
| | 1240 | 1.6 | 50 |
| | 1926 | 7.2 | 220 |
| **19** M ○ | 0124 | 2.0 | 60 |
| | 0749 | 6.2 | 190 |
| | 1316 | 1.6 | 50 |
| | 2000 | 7.2 | 220 |
| **20** Tu | 0157 | 2.0 | 60 |
| | 0818 | 6.2 | 190 |
| | 1353 | 1.6 | 50 |
| | 2035 | 7.2 | 220 |
| **21** W | 0231 | 2.0 | 60 |
| | 0848 | 6.2 | 190 |
| | 1429 | 1.6 | 50 |
| | 2110 | 7.2 | 220 |
| **22** Th | 0305 | 2.0 | 60 |
| | 0922 | 6.2 | 190 |
| | 1504 | 2.0 | 60 |
| | 2148 | 7.2 | 220 |
| **23** F | 0340 | 2.3 | 70 |
| | 0959 | 6.2 | 190 |
| | 1539 | 2.3 | 70 |
| | 2228 | 7.2 | 220 |
| **24** Sa | 0417 | 2.3 | 70 |
| | 1042 | 5.9 | 180 |
| | 1616 | 2.3 | 70 |
| | 2310 | 7.2 | 220 |
| **25** Su | 0454 | 2.6 | 80 |
| | 1131 | 5.9 | 180 |
| | 1655 | 2.6 | 80 |
| | 2355 | 6.9 | 210 |
| **26** M | 0535 | 2.6 | 80 |
| | 1224 | 5.9 | 180 |
| | 1741 | 3.0 | 90 |
| **27** Tu ◑ | 0043 | 6.9 | 210 |
| | 0622 | 3.0 | 90 |
| | 1319 | 5.9 | 180 |
| | 1839 | 3.0 | 90 |
| **28** W | 0136 | 6.6 | 200 |
| | 0720 | 3.0 | 90 |
| | 1415 | 6.2 | 190 |
| | 1956 | 3.0 | 90 |
| **29** Th | 0236 | 6.2 | 190 |
| | 0836 | 3.0 | 90 |
| | 1516 | 6.2 | 190 |
| | 2127 | 2.6 | 80 |
| **30** F | 0342 | 6.2 | 190 |
| | 0947 | 2.6 | 80 |
| | 1619 | 6.6 | 200 |
| | 2232 | 2.3 | 70 |
| **31** Sa | 0446 | 6.6 | 200 |
| | 1040 | 2.0 | 60 |
| | 1719 | 7.2 | 220 |
| | 2326 | 2.0 | 60 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0544 | 6.6 | 200 |
| | 1127 | 1.6 | 50 |
| | 1814 | 7.5 | 230 |
| **2** M | 0017 | 1.6 | 50 |
| | 0636 | 6.9 | 210 |
| | 1213 | 1.3 | 40 |
| | 1906 | 7.9 | 240 |
| **3** Tu ● | 0107 | 1.3 | 40 |
| | 0726 | 6.9 | 210 |
| | 1300 | 1.3 | 40 |
| | 1958 | 8.2 | 250 |
| **4** W | 0156 | 1.3 | 40 |
| | 0815 | 7.2 | 220 |
| | 1347 | 1.3 | 40 |
| | 2051 | 8.5 | 260 |
| **5** Th | 0244 | 1.3 | 40 |
| | 0907 | 6.9 | 210 |
| | 1435 | 1.3 | 40 |
| | 2146 | 8.5 | 260 |
| **6** F | 0330 | 1.3 | 40 |
| | 1001 | 6.9 | 210 |
| | 1524 | 1.6 | 50 |
| | 2242 | 8.2 | 250 |
| **7** Sa | 0415 | 1.6 | 50 |
| | 1059 | 6.9 | 210 |
| | 1612 | 2.0 | 60 |
| | 2338 | 7.9 | 240 |
| **8** Su | 0459 | 2.3 | 70 |
| | 1159 | 6.6 | 200 |
| | 1702 | 2.3 | 70 |
| **9** M | 0033 | 7.5 | 230 |
| | 0546 | 2.6 | 80 |
| | 1257 | 6.6 | 200 |
| | 1756 | 2.6 | 80 |
| **10** Tu ◐ | 0130 | 6.9 | 210 |
| | 0641 | 3.0 | 90 |
| | 1352 | 6.6 | 200 |
| | 1903 | 3.0 | 90 |
| **11** W | 0230 | 6.6 | 200 |
| | 0800 | 3.0 | 90 |
| | 1448 | 6.2 | 190 |
| | 2105 | 3.0 | 90 |
| **12** Th | 0331 | 6.2 | 190 |
| | 0927 | 3.0 | 90 |
| | 1546 | 6.6 | 200 |
| | 2214 | 3.0 | 90 |
| **13** F | 0430 | 5.9 | 180 |
| | 1012 | 3.0 | 90 |
| | 1642 | 6.6 | 200 |
| | 2305 | 2.6 | 80 |
| **14** Sa | 0525 | 5.9 | 180 |
| | 1052 | 2.6 | 80 |
| | 1734 | 6.6 | 200 |
| | 2349 | 2.6 | 80 |
| **15** Su | 0611 | 5.9 | 180 |
| | 1132 | 2.3 | 70 |
| | 1820 | 6.9 | 210 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0029 | 2.6 | 80 |
| | 0650 | 5.9 | 180 |
| | 1214 | 2.3 | 70 |
| | 1903 | 7.2 | 220 |
| **17** Tu | 0107 | 2.3 | 70 |
| | 0724 | 5.9 | 180 |
| | 1255 | 2.0 | 60 |
| | 1942 | 7.2 | 220 |
| **18** W ○ | 0144 | 2.3 | 70 |
| | 0757 | 6.2 | 190 |
| | 1337 | 2.0 | 60 |
| | 2019 | 7.2 | 220 |
| **19** Th | 0221 | 2.3 | 70 |
| | 0830 | 6.2 | 190 |
| | 1416 | 2.0 | 60 |
| | 2056 | 7.5 | 230 |
| **20** F | 0256 | 2.3 | 70 |
| | 0906 | 6.2 | 190 |
| | 1454 | 2.0 | 60 |
| | 2132 | 7.5 | 230 |
| **21** Sa | 0331 | 2.3 | 70 |
| | 0945 | 6.2 | 190 |
| | 1531 | 2.3 | 70 |
| | 2210 | 7.5 | 230 |
| **22** Su | 0404 | 2.3 | 70 |
| | 1026 | 6.2 | 190 |
| | 1607 | 2.3 | 70 |
| | 2248 | 7.5 | 230 |
| **23** M | 0436 | 2.3 | 70 |
| | 1110 | 6.6 | 200 |
| | 1645 | 2.3 | 70 |
| | 2328 | 7.2 | 220 |
| **24** Tu | 0510 | 2.3 | 70 |
| | 1156 | 6.6 | 200 |
| | 1726 | 2.3 | 70 |
| **25** W | 0011 | 6.9 | 210 |
| | 0548 | 2.3 | 70 |
| | 1244 | 6.6 | 200 |
| | 1812 | 2.6 | 80 |
| **26** Th ◑ | 0059 | 6.6 | 200 |
| | 0632 | 2.3 | 70 |
| | 1336 | 6.6 | 200 |
| | 1906 | 2.6 | 80 |
| **27** F | 0153 | 6.2 | 190 |
| | 0727 | 2.6 | 80 |
| | 1436 | 6.6 | 200 |
| | 2016 | 2.6 | 80 |
| **28** Sa | 0257 | 6.2 | 190 |
| | 0836 | 2.3 | 70 |
| | 1544 | 6.9 | 210 |
| | 2147 | 2.6 | 80 |
| **29** Su | 0406 | 6.2 | 190 |
| | 0950 | 2.3 | 70 |
| | 1652 | 7.2 | 220 |
| | 2304 | 2.3 | 70 |
| **30** M | 0513 | 6.2 | 190 |
| | 1052 | 2.0 | 60 |
| | 1756 | 7.5 | 230 |

Time meridian 52° 30' W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings. Subtract 1.9 feet (62 centimeters) to refer these levels to the datum of N.O.S. charts.

# Argentia, Newfoundland, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0007 | 2.0 | 60 |
| | 0616 | 6.6 | 200 |
| | 1149 | 1.6 | 50 |
| | 1855 | 7.9 | 240 |
| **2** W ● | 0104 | 1.6 | 50 |
| | 0714 | 6.6 | 200 |
| | 1246 | 1.6 | 50 |
| | 1952 | 8.5 | 260 |
| **3** Th | 0155 | 1.6 | 50 |
| | 0808 | 6.9 | 210 |
| | 1341 | 1.6 | 50 |
| | 2045 | 8.5 | 260 |
| **4** F | 0241 | 1.6 | 50 |
| | 0859 | 7.2 | 220 |
| | 1433 | 1.6 | 50 |
| | 2137 | 8.5 | 260 |
| **5** Sa | 0321 | 1.6 | 50 |
| | 0948 | 7.2 | 220 |
| | 1520 | 1.6 | 50 |
| | 2226 | 8.5 | 260 |
| **6** Su | 0359 | 2.0 | 60 |
| | 1036 | 7.2 | 220 |
| | 1604 | 1.6 | 50 |
| | 2314 | 7.9 | 240 |
| **7** M | 0435 | 2.0 | 60 |
| | 1125 | 6.9 | 210 |
| | 1645 | 2.0 | 60 |
| **8** Tu | 0002 | 7.5 | 230 |
| | 0513 | 2.3 | 70 |
| | 1215 | 6.9 | 210 |
| | 1728 | 2.3 | 70 |
| **9** W | 0051 | 6.9 | 210 |
| | 0553 | 2.6 | 80 |
| | 1306 | 6.6 | 200 |
| | 1814 | 2.6 | 80 |
| **10** Th ◐ | 0144 | 6.6 | 200 |
| | 0639 | 3.0 | 90 |
| | 1359 | 6.6 | 200 |
| | 1912 | 3.0 | 90 |
| **11** F | 0240 | 5.9 | 180 |
| | 0740 | 3.0 | 90 |
| | 1456 | 6.6 | 200 |
| | 2059 | 3.3 | 100 |
| **12** Sa | 0339 | 5.6 | 170 |
| | 0909 | 3.0 | 90 |
| | 1555 | 6.2 | 190 |
| | 2226 | 3.3 | 100 |
| **13** Su | 0437 | 5.6 | 170 |
| | 1015 | 3.0 | 90 |
| | 1654 | 6.6 | 200 |
| | 2323 | 3.0 | 90 |
| **14** M | 0532 | 5.6 | 170 |
| | 1106 | 2.6 | 80 |
| | 1751 | 6.6 | 200 |
| **15** Tu | 0011 | 3.0 | 90 |
| | 0620 | 5.6 | 170 |
| | 1155 | 2.6 | 80 |
| | 1841 | 6.9 | 210 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0055 | 2.6 | 80 |
| | 0701 | 5.9 | 180 |
| | 1242 | 2.3 | 70 |
| | 1925 | 7.2 | 220 |
| **17** Th | 0134 | 2.6 | 80 |
| | 0738 | 6.2 | 190 |
| | 1327 | 2.3 | 70 |
| | 2003 | 7.5 | 230 |
| **18** F ○ | 0209 | 2.3 | 70 |
| | 0813 | 6.2 | 190 |
| | 1407 | 2.0 | 60 |
| | 2038 | 7.5 | 230 |
| **19** Sa | 0242 | 2.0 | 60 |
| | 0849 | 6.6 | 200 |
| | 1445 | 2.0 | 60 |
| | 2113 | 7.9 | 240 |
| **20** Su | 0312 | 2.0 | 60 |
| | 0926 | 6.9 | 210 |
| | 1520 | 2.0 | 60 |
| | 2148 | 7.9 | 240 |
| **21** M | 0341 | 2.0 | 60 |
| | 1004 | 6.9 | 210 |
| | 1553 | 2.0 | 60 |
| | 2224 | 7.5 | 230 |
| **22** Tu | 0410 | 1.6 | 50 |
| | 1044 | 6.9 | 210 |
| | 1627 | 2.0 | 60 |
| | 2302 | 7.2 | 220 |
| **23** W | 0442 | 2.0 | 60 |
| | 1126 | 6.9 | 210 |
| | 1704 | 2.0 | 60 |
| | 2342 | 6.9 | 210 |
| **24** Th | 0517 | 2.0 | 60 |
| | 1212 | 6.9 | 210 |
| | 1743 | 2.3 | 70 |
| **25** F ◑ | 0027 | 6.6 | 200 |
| | 0557 | 2.0 | 60 |
| | 1305 | 6.9 | 210 |
| | 1830 | 2.3 | 70 |
| **26** Sa | 0120 | 6.2 | 190 |
| | 0645 | 2.3 | 70 |
| | 1407 | 6.9 | 210 |
| | 1932 | 3.0 | 90 |
| **27** Su | 0225 | 6.2 | 190 |
| | 0747 | 2.6 | 80 |
| | 1519 | 6.9 | 210 |
| | 2121 | 3.0 | 90 |
| **28** M | 0340 | 5.9 | 180 |
| | 0909 | 2.6 | 80 |
| | 1633 | 7.2 | 220 |
| | 2307 | 2.6 | 80 |
| **29** Tu | 0457 | 5.9 | 180 |
| | 1034 | 2.6 | 80 |
| | 1744 | 7.5 | 230 |
| **30** W | 0013 | 2.3 | 70 |
| | 0609 | 6.2 | 190 |
| | 1145 | 2.3 | 70 |
| | 1849 | 7.9 | 240 |
| **31** Th | 0106 | 2.0 | 60 |
| | 0710 | 6.6 | 200 |
| | 1249 | 2.0 | 60 |
| | 1945 | 8.2 | 250 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0149 | 1.6 | 50 |
| | 0800 | 6.9 | 210 |
| | 1343 | 1.6 | 50 |
| | 2035 | 8.5 | 260 |
| **2** Sa | 0226 | 1.6 | 50 |
| | 0845 | 7.2 | 220 |
| | 1428 | 1.3 | 40 |
| | 2121 | 8.5 | 260 |
| **3** Su | 0259 | 1.6 | 50 |
| | 0926 | 7.5 | 230 |
| | 1508 | 1.3 | 40 |
| | 2203 | 8.2 | 250 |
| **4** M | 0332 | 1.6 | 50 |
| | 1007 | 7.5 | 230 |
| | 1544 | 1.3 | 40 |
| | 2242 | 7.9 | 240 |
| **5** Tu | 0404 | 2.0 | 60 |
| | 1048 | 7.2 | 220 |
| | 1620 | 1.6 | 50 |
| | 2320 | 7.2 | 220 |
| **6** W | 0438 | 2.0 | 60 |
| | 1130 | 7.2 | 220 |
| | 1657 | 2.0 | 60 |
| | 2359 | 6.9 | 210 |
| **7** Th | 0513 | 2.3 | 70 |
| | 1216 | 6.9 | 210 |
| | 1735 | 2.6 | 80 |
| **8** F ◐ | 0045 | 6.2 | 190 |
| | 0552 | 2.6 | 80 |
| | 1307 | 6.6 | 200 |
| | 1820 | 3.0 | 90 |
| **9** Sa | 0142 | 5.9 | 180 |
| | 0637 | 3.0 | 90 |
| | 1405 | 6.2 | 190 |
| | 1921 | 3.3 | 100 |
| **10** Su | 0244 | 5.6 | 170 |
| | 0744 | 3.3 | 100 |
| | 1507 | 6.2 | 190 |
| | 2149 | 3.6 | 110 |
| **11** M | 0347 | 5.2 | 160 |
| | 0939 | 3.3 | 100 |
| | 1613 | 6.2 | 190 |
| | 2259 | 3.6 | 110 |
| **12** Tu | 0450 | 5.2 | 160 |
| | 1044 | 3.0 | 90 |
| | 1718 | 6.6 | 200 |
| | 2354 | 3.3 | 100 |
| **13** W | 0549 | 5.6 | 170 |
| | 1138 | 2.6 | 80 |
| | 1816 | 6.9 | 210 |
| **14** Th | 0037 | 3.0 | 90 |
| | 0637 | 5.9 | 180 |
| | 1227 | 2.6 | 80 |
| | 1902 | 7.2 | 220 |
| **15** F | 0113 | 2.6 | 80 |
| | 0716 | 6.2 | 190 |
| | 1312 | 2.3 | 70 |
| | 1940 | 7.5 | 230 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0146 | 2.3 | 70 |
| | 0751 | 6.6 | 200 |
| | 1352 | 2.0 | 60 |
| | 2015 | 7.5 | 230 |
| **17** Su | 0216 | 2.0 | 60 |
| | 0826 | 6.9 | 210 |
| | 1427 | 1.6 | 50 |
| | 2049 | 7.9 | 240 |
| **18** M | 0244 | 1.6 | 50 |
| | 0901 | 7.2 | 220 |
| | 1459 | 1.3 | 40 |
| | 2123 | 7.9 | 240 |
| **19** Tu | 0312 | 1.6 | 50 |
| | 0938 | 7.5 | 230 |
| | 1532 | 1.3 | 40 |
| | 2158 | 7.5 | 230 |
| **20** W | 0342 | 1.3 | 40 |
| | 1017 | 7.5 | 230 |
| | 1604 | 1.3 | 40 |
| | 2235 | 7.5 | 230 |
| **21** Th | 0414 | 1.3 | 40 |
| | 1059 | 7.5 | 230 |
| | 1639 | 1.6 | 50 |
| | 2316 | 6.9 | 210 |
| **22** F | 0449 | 1.6 | 50 |
| | 1147 | 7.2 | 220 |
| | 1718 | 2.0 | 60 |
| **23** Sa ◑ | 0002 | 6.6 | 200 |
| | 0528 | 2.0 | 60 |
| | 1243 | 7.2 | 220 |
| | 1804 | 2.3 | 70 |
| **24** Su | 0059 | 6.2 | 190 |
| | 0613 | 2.3 | 70 |
| | 1351 | 6.9 | 210 |
| | 1905 | 3.0 | 90 |
| **25** M | 0212 | 5.9 | 180 |
| | 0713 | 2.6 | 80 |
| | 1505 | 6.9 | 210 |
| | 2202 | 3.0 | 90 |
| **26** Tu | 0333 | 5.9 | 180 |
| | 0851 | 3.0 | 90 |
| | 1622 | 6.9 | 210 |
| | 2317 | 2.6 | 80 |
| **27** W | 0455 | 5.9 | 180 |
| | 1054 | 3.0 | 90 |
| | 1738 | 7.2 | 220 |
| **28** Th | 0011 | 2.3 | 70 |
| | 0607 | 6.2 | 190 |
| | 1202 | 2.3 | 70 |
| | 1843 | 7.5 | 230 |
| **29** F | 0054 | 2.0 | 60 |
| | 0701 | 6.9 | 210 |
| | 1255 | 2.0 | 60 |
| | 1935 | 7.9 | 240 |
| **30** Sa ● | 0129 | 2.0 | 60 |
| | 0745 | 7.2 | 220 |
| | 1337 | 1.6 | 50 |
| | 2019 | 8.2 | 250 |
| **31** Su | 0159 | 1.6 | 50 |
| | 0824 | 7.5 | 230 |
| | 1413 | 1.3 | 40 |
| | 2058 | 8.2 | 250 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0229 | 1.6 | 50 |
| | 0900 | 7.5 | 230 |
| | 1447 | 1.3 | 40 |
| | 2133 | 7.9 | 240 |
| **2** Tu | 0259 | 1.6 | 50 |
| | 0936 | 7.5 | 230 |
| | 1520 | 1.3 | 40 |
| | 2205 | 7.5 | 230 |
| **3** W | 0331 | 1.6 | 50 |
| | 1013 | 7.5 | 230 |
| | 1553 | 1.6 | 50 |
| | 2237 | 6.9 | 210 |
| **4** Th | 0404 | 1.6 | 50 |
| | 1051 | 7.2 | 220 |
| | 1627 | 2.0 | 60 |
| | 2311 | 6.6 | 200 |
| **5** F | 0438 | 2.0 | 60 |
| | 1132 | 6.9 | 210 |
| | 1703 | 2.3 | 70 |
| | 2352 | 5.9 | 180 |
| **6** Sa | 0513 | 2.6 | 80 |
| | 1219 | 6.6 | 200 |
| | 1742 | 3.0 | 90 |
| **7** Su ◐ | 0043 | 5.6 | 170 |
| | 0552 | 3.0 | 90 |
| | 1316 | 6.6 | 200 |
| | 1830 | 3.3 | 100 |
| **8** M | 0151 | 5.2 | 160 |
| | 0642 | 3.3 | 100 |
| | 1422 | 6.2 | 190 |
| | 2113 | 3.6 | 110 |
| **9** Tu | 0259 | 5.2 | 160 |
| | 0857 | 3.6 | 110 |
| | 1529 | 6.2 | 190 |
| | 2233 | 3.6 | 110 |
| **10** W | 0406 | 5.2 | 160 |
| | 1018 | 3.3 | 100 |
| | 1638 | 6.6 | 200 |
| | 2326 | 3.3 | 100 |
| **11** Th | 0512 | 5.6 | 170 |
| | 1115 | 3.0 | 90 |
| | 1741 | 6.6 | 200 |
| **12** F | 0007 | 3.0 | 90 |
| | 0605 | 5.9 | 180 |
| | 1205 | 2.6 | 80 |
| | 1830 | 6.9 | 210 |
| **13** Sa | 0041 | 2.6 | 80 |
| | 0646 | 6.6 | 200 |
| | 1248 | 2.0 | 60 |
| | 1910 | 7.2 | 220 |
| **14** Su | 0112 | 2.0 | 60 |
| | 0723 | 6.9 | 210 |
| | 1327 | 1.6 | 50 |
| | 1946 | 7.5 | 230 |
| **15** M ○ | 0141 | 1.6 | 50 |
| | 0758 | 7.2 | 220 |
| | 1402 | 1.3 | 40 |
| | 2021 | 7.5 | 230 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0210 | 1.3 | 40 |
| | 0834 | 7.5 | 230 |
| | 1434 | 1.0 | 30 |
| | 2056 | 7.5 | 230 |
| **17** W | 0241 | 1.3 | 40 |
| | 0912 | 7.9 | 240 |
| | 1507 | 1.0 | 30 |
| | 2132 | 7.5 | 230 |
| **18** Th | 0313 | 1.0 | 30 |
| | 0953 | 7.9 | 240 |
| | 1541 | 1.0 | 30 |
| | 2211 | 7.2 | 220 |
| **19** F | 0347 | 1.3 | 40 |
| | 1039 | 7.5 | 230 |
| | 1618 | 1.3 | 40 |
| | 2255 | 6.9 | 210 |
| **20** Sa | 0424 | 1.3 | 40 |
| | 1131 | 7.5 | 230 |
| | 1659 | 2.0 | 60 |
| | 2347 | 6.6 | 200 |
| **21** Su | 0504 | 2.0 | 60 |
| | 1233 | 7.2 | 220 |
| | 1748 | 2.3 | 70 |
| **22** M ◑ | 0055 | 5.9 | 180 |
| | 0551 | 2.6 | 80 |
| | 1343 | 6.9 | 210 |
| | 1856 | 3.0 | 90 |
| **23** Tu | 0215 | 5.9 | 180 |
| | 0655 | 3.0 | 90 |
| | 1456 | 6.9 | 210 |
| | 2207 | 3.0 | 90 |
| **24** W | 0333 | 5.9 | 180 |
| | 1004 | 3.3 | 100 |
| | 1612 | 6.9 | 210 |
| | 2307 | 2.6 | 80 |
| **25** Th | 0450 | 6.2 | 190 |
| | 1112 | 3.0 | 90 |
| | 1728 | 6.9 | 210 |
| | 2353 | 2.3 | 70 |
| **26** F | 0554 | 6.6 | 200 |
| | 1204 | 2.3 | 70 |
| | 1830 | 7.2 | 220 |
| **27** Sa | 0028 | 2.0 | 60 |
| | 0643 | 6.9 | 210 |
| | 1245 | 2.0 | 60 |
| | 1918 | 7.5 | 230 |
| **28** Su | 0058 | 2.0 | 60 |
| | 0724 | 7.2 | 220 |
| | 1320 | 1.6 | 50 |
| | 1957 | 7.5 | 230 |
| **29** M ● | 0126 | 1.6 | 50 |
| | 0759 | 7.5 | 230 |
| | 1352 | 1.3 | 40 |
| | 2031 | 7.5 | 230 |
| **30** Tu | 0156 | 1.3 | 40 |
| | 0834 | 7.5 | 230 |
| | 1424 | 1.3 | 40 |
| | 2101 | 7.2 | 220 |

Time meridian 52° 30' W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings. Subtract 1.9 feet (62 centimeters) to refer these levels to the datum of N.O.S. charts.

# Argentia, Newfoundland, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0228 | 1.3 | 40 |
| | 0908 | 7.5 | 230 |
| | 1456 | 1.6 | 50 |
| | 2130 | 6.9 | 210 |
| **2** Th | 0300 | 1.3 | 40 |
| | 0942 | 7.5 | 230 |
| | 1528 | 1.6 | 50 |
| | 2200 | 6.6 | 200 |
| **3** F | 0334 | 1.6 | 50 |
| | 1019 | 7.2 | 220 |
| | 1601 | 2.0 | 60 |
| | 2234 | 6.2 | 190 |
| **4** Sa | 0408 | 2.0 | 60 |
| | 1058 | 6.9 | 210 |
| | 1636 | 2.3 | 70 |
| | 2313 | 5.9 | 180 |
| **5** Su | 0443 | 2.3 | 70 |
| | 1144 | 6.9 | 210 |
| | 1714 | 3.0 | 90 |
| **6** M | 0002 | 5.6 | 170 |
| | 0520 | 3.0 | 90 |
| | 1238 | 6.6 | 200 |
| | 1800 | 3.3 | 100 |
| **7** Tu ◐ | 0107 | 5.2 | 160 |
| | 0605 | 3.3 | 100 |
| | 1338 | 6.6 | 200 |
| | 1951 | 3.6 | 110 |
| **8** W | 0215 | 5.2 | 160 |
| | 0727 | 3.6 | 110 |
| | 1443 | 6.2 | 190 |
| | 2153 | 3.6 | 110 |
| **9** Th | 0321 | 5.2 | 160 |
| | 0943 | 3.3 | 100 |
| | 1550 | 6.2 | 190 |
| | 2245 | 3.3 | 100 |
| **10** F | 0427 | 5.6 | 170 |
| | 1044 | 3.0 | 90 |
| | 1656 | 6.6 | 200 |
| | 2325 | 3.0 | 90 |
| **11** Sa | 0524 | 6.2 | 190 |
| | 1134 | 2.6 | 80 |
| | 1750 | 6.6 | 200 |
| | 2359 | 2.3 | 70 |
| **12** Su | 0609 | 6.6 | 200 |
| | 1217 | 2.0 | 60 |
| | 1835 | 6.9 | 210 |
| **13** M | 0031 | 2.0 | 60 |
| | 0650 | 7.2 | 220 |
| | 1256 | 1.6 | 50 |
| | 1914 | 7.2 | 220 |
| **14** Tu ○ | 0103 | 1.6 | 50 |
| | 0729 | 7.5 | 230 |
| | 1332 | 1.0 | 30 |
| | 1952 | 7.5 | 230 |
| **15** W | 0135 | 1.3 | 40 |
| | 0809 | 7.9 | 240 |
| | 1408 | 1.0 | 30 |
| | 2029 | 7.5 | 230 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0210 | 1.0 | 30 |
| | 0851 | 8.2 | 250 |
| | 1445 | 1.0 | 30 |
| | 2109 | 7.2 | 220 |
| **17** F | 0247 | 1.0 | 30 |
| | 0937 | 8.2 | 250 |
| | 1523 | 1.0 | 30 |
| | 2152 | 7.2 | 220 |
| **18** Sa | 0325 | 1.0 | 30 |
| | 1027 | 7.9 | 240 |
| | 1604 | 1.3 | 40 |
| | 2242 | 6.6 | 200 |
| **19** Su | 0405 | 1.6 | 50 |
| | 1125 | 7.9 | 240 |
| | 1649 | 2.0 | 60 |
| | 2345 | 6.2 | 190 |
| **20** M | 0450 | 2.0 | 60 |
| | 1229 | 7.5 | 230 |
| | 1742 | 2.3 | 70 |
| **21** Tu ◑ | 0101 | 6.2 | 190 |
| | 0542 | 2.6 | 80 |
| | 1336 | 7.2 | 220 |
| | 1911 | 3.0 | 90 |
| **22** W | 0213 | 5.9 | 180 |
| | 0700 | 3.3 | 100 |
| | 1445 | 6.9 | 210 |
| | 2148 | 3.0 | 90 |
| **23** Th | 0321 | 6.2 | 190 |
| | 1003 | 3.0 | 90 |
| | 1558 | 6.6 | 200 |
| | 2242 | 2.6 | 80 |
| **24** F | 0429 | 6.2 | 190 |
| | 1101 | 2.6 | 80 |
| | 1710 | 6.9 | 210 |
| | 2322 | 2.3 | 70 |
| **25** Sa | 0529 | 6.6 | 200 |
| | 1148 | 2.3 | 70 |
| | 1808 | 6.9 | 210 |
| | 2353 | 2.3 | 70 |
| **26** Su | 0617 | 6.9 | 210 |
| | 1226 | 2.0 | 60 |
| | 1854 | 6.9 | 210 |
| **27** M | 0021 | 2.0 | 60 |
| | 0658 | 7.2 | 220 |
| | 1259 | 1.6 | 50 |
| | 1931 | 6.9 | 210 |
| **28** Tu ● | 0051 | 1.6 | 50 |
| | 0735 | 7.5 | 230 |
| | 1330 | 1.6 | 50 |
| | 2003 | 6.6 | 200 |
| **29** W | 0124 | 1.6 | 50 |
| | 0810 | 7.5 | 230 |
| | 1402 | 1.6 | 50 |
| | 2032 | 6.6 | 200 |
| **30** Th | 0159 | 1.3 | 40 |
| | 0844 | 7.5 | 230 |
| | 1434 | 1.6 | 50 |
| | 2101 | 6.6 | 200 |
| **31** F | 0234 | 1.6 | 50 |
| | 0919 | 7.5 | 230 |
| | 1508 | 2.0 | 60 |
| | 2133 | 6.2 | 190 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0310 | 1.6 | 50 |
| | 0955 | 7.2 | 220 |
| | 1542 | 2.0 | 60 |
| | 2208 | 6.2 | 190 |
| **2** Su | 0345 | 2.0 | 60 |
| | 1035 | 7.2 | 220 |
| | 1618 | 2.3 | 70 |
| | 2248 | 5.9 | 180 |
| **3** M | 0421 | 2.3 | 70 |
| | 1118 | 6.9 | 210 |
| | 1657 | 2.6 | 80 |
| | 2336 | 5.6 | 170 |
| **4** Tu | 0459 | 2.6 | 80 |
| | 1206 | 6.9 | 210 |
| | 1742 | 3.0 | 90 |
| **5** W | 0034 | 5.6 | 170 |
| | 0544 | 3.0 | 90 |
| | 1258 | 6.6 | 200 |
| | 1841 | 3.3 | 100 |
| **6** Th ◐ | 0134 | 5.6 | 170 |
| | 0647 | 3.3 | 100 |
| | 1354 | 6.6 | 200 |
| | 2032 | 3.3 | 100 |
| **7** F | 0234 | 5.6 | 170 |
| | 0843 | 3.3 | 100 |
| | 1456 | 6.2 | 190 |
| | 2145 | 3.3 | 100 |
| **8** Sa | 0335 | 5.9 | 180 |
| | 1001 | 3.0 | 90 |
| | 1602 | 6.2 | 190 |
| | 2230 | 3.0 | 90 |
| **9** Su | 0435 | 6.2 | 190 |
| | 1055 | 2.6 | 80 |
| | 1703 | 6.2 | 190 |
| | 2308 | 2.3 | 70 |
| **10** M | 0528 | 6.6 | 200 |
| | 1140 | 2.0 | 60 |
| | 1754 | 6.6 | 200 |
| | 2345 | 2.0 | 60 |
| **11** Tu | 0616 | 7.2 | 220 |
| | 1223 | 1.6 | 50 |
| | 1840 | 6.9 | 210 |
| **12** W | 0023 | 1.6 | 50 |
| | 0702 | 7.5 | 230 |
| | 1304 | 1.3 | 40 |
| | 1923 | 7.2 | 220 |
| **13** Th ○ | 0102 | 1.3 | 40 |
| | 0748 | 7.9 | 240 |
| | 1347 | 1.0 | 30 |
| | 2006 | 7.2 | 220 |
| **14** F | 0143 | 1.0 | 30 |
| | 0836 | 8.2 | 250 |
| | 1429 | 1.0 | 30 |
| | 2051 | 7.2 | 220 |
| **15** Sa | 0226 | 1.0 | 30 |
| | 0927 | 8.2 | 250 |
| | 1513 | 1.3 | 40 |
| | 2141 | 6.9 | 210 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0310 | 1.3 | 40 |
| | 1022 | 8.2 | 250 |
| | 1559 | 1.6 | 50 |
| | 2238 | 6.9 | 210 |
| **17** M | 0356 | 1.6 | 50 |
| | 1120 | 7.9 | 240 |
| | 1646 | 2.0 | 60 |
| | 2344 | 6.6 | 200 |
| **18** Tu | 0445 | 2.0 | 60 |
| | 1221 | 7.5 | 230 |
| | 1740 | 2.3 | 70 |
| **19** W ◑ | 0051 | 6.6 | 200 |
| | 0542 | 2.6 | 80 |
| | 1322 | 7.2 | 220 |
| | 1849 | 2.6 | 80 |
| **20** Th | 0153 | 6.6 | 200 |
| | 0701 | 3.0 | 90 |
| | 1427 | 6.9 | 210 |
| | 2108 | 3.0 | 90 |
| **21** F | 0254 | 6.6 | 200 |
| | 0933 | 3.0 | 90 |
| | 1534 | 6.6 | 200 |
| | 2203 | 3.0 | 90 |
| **22** Sa | 0356 | 6.6 | 200 |
| | 1033 | 2.6 | 80 |
| | 1640 | 6.6 | 200 |
| | 2241 | 2.6 | 80 |
| **23** Su | 0454 | 6.6 | 200 |
| | 1121 | 2.3 | 70 |
| | 1737 | 6.2 | 190 |
| | 2312 | 2.3 | 70 |
| **24** M | 0546 | 6.9 | 210 |
| | 1202 | 2.3 | 70 |
| | 1824 | 6.2 | 190 |
| | 2344 | 2.0 | 60 |
| **25** Tu | 0631 | 7.2 | 220 |
| | 1237 | 2.3 | 70 |
| | 1904 | 6.2 | 190 |
| **26** W | 0020 | 2.0 | 60 |
| | 0712 | 7.2 | 220 |
| | 1311 | 2.0 | 60 |
| | 1938 | 6.2 | 190 |
| **27** Th ● | 0058 | 1.6 | 50 |
| | 0749 | 7.5 | 230 |
| | 1345 | 2.0 | 60 |
| | 2008 | 6.2 | 190 |
| **28** F | 0137 | 1.6 | 50 |
| | 0826 | 7.5 | 230 |
| | 1419 | 2.0 | 60 |
| | 2039 | 6.2 | 190 |
| **29** Sa | 0216 | 2.0 | 60 |
| | 0901 | 7.5 | 230 |
| | 1454 | 2.0 | 60 |
| | 2113 | 6.2 | 190 |
| **30** Su | 0254 | 2.0 | 60 |
| | 0938 | 7.2 | 220 |
| | 1530 | 2.3 | 70 |
| | 2149 | 6.2 | 190 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0331 | 2.3 | 70 |
| | 1016 | 7.2 | 220 |
| | 1606 | 2.3 | 70 |
| | 2230 | 6.2 | 190 |
| **2** Tu | 0408 | 2.3 | 70 |
| | 1055 | 7.2 | 220 |
| | 1643 | 2.6 | 80 |
| | 2315 | 5.9 | 180 |
| **3** W | 0446 | 2.6 | 80 |
| | 1137 | 7.2 | 220 |
| | 1721 | 2.6 | 80 |
| **4** Th | 0004 | 5.9 | 180 |
| | 0529 | 3.0 | 90 |
| | 1221 | 6.9 | 210 |
| | 1802 | 3.0 | 90 |
| **5** F ◐ | 0054 | 5.9 | 180 |
| | 0618 | 3.0 | 90 |
| | 1310 | 6.6 | 200 |
| | 1850 | 3.0 | 90 |
| **6** Sa | 0146 | 6.2 | 190 |
| | 0720 | 3.0 | 90 |
| | 1404 | 6.2 | 190 |
| | 1950 | 3.0 | 90 |
| **7** Su | 0243 | 6.2 | 190 |
| | 0843 | 3.0 | 90 |
| | 1506 | 6.2 | 190 |
| | 2104 | 2.6 | 80 |
| **8** M | 0346 | 6.6 | 200 |
| | 1002 | 2.6 | 80 |
| | 1611 | 6.2 | 190 |
| | 2207 | 2.3 | 70 |
| **9** Tu | 0449 | 6.9 | 210 |
| | 1102 | 2.3 | 70 |
| | 1711 | 6.2 | 190 |
| | 2258 | 2.0 | 60 |
| **10** W | 0547 | 7.2 | 220 |
| | 1155 | 2.0 | 60 |
| | 1807 | 6.6 | 200 |
| | 2346 | 1.6 | 50 |
| **11** Th | 0641 | 7.9 | 240 |
| | 1246 | 1.6 | 50 |
| | 1859 | 6.9 | 210 |
| **12** F ○ | 0035 | 1.3 | 40 |
| | 0734 | 8.2 | 250 |
| | 1336 | 1.3 | 40 |
| | 1950 | 6.9 | 210 |
| **13** Sa | 0124 | 1.3 | 40 |
| | 0827 | 8.5 | 260 |
| | 1424 | 1.3 | 40 |
| | 2041 | 6.9 | 210 |
| **14** Su | 0215 | 1.3 | 40 |
| | 0920 | 8.5 | 260 |
| | 1510 | 1.3 | 40 |
| | 2134 | 7.2 | 220 |
| **15** M | 0305 | 1.3 | 40 |
| | 1014 | 8.5 | 260 |
| | 1554 | 1.6 | 50 |
| | 2229 | 6.9 | 210 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0353 | 1.6 | 50 |
| | 1108 | 8.2 | 250 |
| | 1638 | 2.0 | 60 |
| | 2327 | 6.9 | 210 |
| **17** W | 0442 | 2.0 | 60 |
| | 1203 | 7.9 | 240 |
| | 1721 | 2.3 | 70 |
| **18** Th | 0024 | 6.9 | 210 |
| | 0531 | 2.3 | 70 |
| | 1259 | 7.2 | 220 |
| | 1808 | 2.6 | 80 |
| **19** F ◑ | 0121 | 6.6 | 200 |
| | 0626 | 2.6 | 80 |
| | 1358 | 6.9 | 210 |
| | 1904 | 3.0 | 90 |
| **20** Sa | 0218 | 6.6 | 200 |
| | 0742 | 3.0 | 90 |
| | 1459 | 6.2 | 190 |
| | 2030 | 3.0 | 90 |
| **21** Su | 0316 | 6.6 | 200 |
| | 0949 | 3.0 | 90 |
| | 1559 | 5.9 | 180 |
| | 2145 | 3.0 | 90 |
| **22** M | 0414 | 6.6 | 200 |
| | 1048 | 3.0 | 90 |
| | 1658 | 5.9 | 180 |
| | 2230 | 2.6 | 80 |
| **23** Tu | 0511 | 6.6 | 200 |
| | 1137 | 2.6 | 80 |
| | 1751 | 5.9 | 180 |
| | 2313 | 2.6 | 80 |
| **24** W | 0603 | 6.9 | 210 |
| | 1219 | 2.6 | 80 |
| | 1837 | 5.9 | 180 |
| | 2356 | 2.3 | 70 |
| **25** Th | 0651 | 6.9 | 210 |
| | 1257 | 2.6 | 80 |
| | 1915 | 5.9 | 180 |
| **26** F | 0040 | 2.3 | 70 |
| | 0733 | 7.2 | 220 |
| | 1333 | 2.3 | 70 |
| | 1949 | 6.2 | 190 |
| **27** Sa ● | 0124 | 2.0 | 60 |
| | 0811 | 7.2 | 220 |
| | 1409 | 2.3 | 70 |
| | 2022 | 6.2 | 190 |
| **28** Su | 0206 | 2.0 | 60 |
| | 0846 | 7.5 | 230 |
| | 1444 | 2.3 | 70 |
| | 2057 | 6.2 | 190 |
| **29** M | 0245 | 2.0 | 60 |
| | 0920 | 7.5 | 230 |
| | 1518 | 2.0 | 60 |
| | 2133 | 6.6 | 200 |
| **30** Tu | 0322 | 2.0 | 60 |
| | 0955 | 7.5 | 230 |
| | 1551 | 2.0 | 60 |
| | 2211 | 6.6 | 200 |
| **31** W | 0357 | 2.3 | 70 |
| | 1031 | 7.5 | 230 |
| | 1622 | 2.0 | 60 |
| | 2250 | 6.6 | 200 |

Time meridian 52° 30' W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings. Subtract 1.9 feet (62 centimeters) to refer these levels to the datum of N.O.S. charts.

# Pictou, Nova Scotia, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm | | h m | ft cm | | h m | ft cm |
| **1** Tu | 0411 | 4.9 150 | **16** W | 0327 | 4.9 150 | **1** F | 0606 | 4.3 130 | **16** Sa | 0620 | 4.6 140 |
| | 0942 | 3.3 100 | | 0855 | 3.0 90 | | 0933 | 3.9 120 | | 1023 | 3.9 120 |
| | 1610 | 5.2 160 | | 1520 | 5.9 180 | | 1554 | 5.6 170 | | 1626 | 5.9 180 |
| | 2250 | 3.0 90 | | 2201 | 2.3 70 | | | | | | |
| **2** W | 0533 | 4.6 140 | **17** Th | 0453 | 4.6 140 | **2** Sa | 0019 | 2.3 70 | **17** Su | 0018 | 1.6 50 |
| | 1027 | 3.6 110 | | 0946 | 3.6 110 | | 1649 | 5.6 170 | | 0750 | 4.6 140 |
| | 1642 | 5.2 160 | | 1603 | 5.9 180 | | | | | 1148 | 4.3 130 |
| | | | | 2312 | 2.0 60 | | | | | 1751 | 5.9 180 |
| **3** Th | 0000 | 2.6 80 | **18** F | 0620 | 4.6 140 | **3** Su | 0126 | 2.3 70 | **18** M | 0134 | 1.3 40 |
| | 0651 | 4.6 140 | | 1049 | 3.9 120 | | 0851 | 4.6 140 | | 0900 | 4.9 150 |
| | 1118 | 3.9 120 | | 1657 | 6.2 190 | | 1202 | 4.3 130 | | 1309 | 3.9 120 |
| | 1719 | 5.6 170 | | | | | 1757 | 5.6 170 | | 1916 | 5.9 180 |
| **4** F | 0102 | 2.3 70 | **19** Sa | 0026 | 1.6 50 | **4** M | 0219 | 2.0 60 | **19** Tu | 0236 | 1.3 40 |
| | 0802 | 4.6 140 | | 0743 | 4.9 150 | | 0935 | 4.6 140 | | 0946 | 4.9 150 |
| | 1214 | 4.3 130 | | 1203 | 3.9 120 | | 1318 | 4.3 130 | | 1417 | 3.6 110 |
| | 1804 | 5.6 170 | | 1802 | 6.2 190 | | 1912 | 5.6 170 | | 2026 | 5.9 180 |
| **5** Sa | 0155 | 2.0 60 | **20** Su | 0136 | 1.3 40 | **5** Tu | 0302 | 1.6 50 | **20** W | 0325 | 1.3 40 |
| | 0903 | 4.9 150 | | 0857 | 4.9 150 | | 1006 | 4.9 150 | | 1021 | 5.2 160 |
| | 1309 | 4.3 130 | | 1316 | 4.3 130 | | 1421 | 3.9 120 | | 1513 | 3.3 100 |
| | 1855 | 5.6 170 | | 1914 | 6.2 190 | | 2017 | 5.9 180 | ○ | 2124 | 6.2 190 |
| **6** Su | 0242 | 2.0 60 | **21** M | 0239 | 1.0 30 | **6** W | 0338 | 1.6 50 | **21** Th | 0407 | 1.3 40 |
| | 0950 | 4.9 150 | | 0955 | 5.2 160 | | 1036 | 4.9 150 | | 1051 | 5.2 160 |
| | 1359 | 4.3 130 | | 1422 | 3.9 120 | | 1513 | 3.9 120 | | 1602 | 3.0 90 |
| | 1947 | 5.9 180 | | 2022 | 6.6 200 | ● | 2112 | 5.9 180 | | 2215 | 6.2 190 |
| **7** M | 0323 | 1.6 50 | **22** Tu | 0334 | 1.0 30 | **7** Th | 0412 | 1.3 40 | **22** F | 0445 | 1.3 40 |
| | 1028 | 4.9 150 | | 1042 | 5.2 160 | | 1104 | 5.2 160 | | 1120 | 5.2 160 |
| | 1447 | 4.3 130 | | 1521 | 3.6 110 | | 1559 | 3.6 110 | | 1645 | 2.6 80 |
| | 2036 | 5.9 180 | ○ | 2124 | 6.6 200 | | 2202 | 5.9 180 | | 2302 | 5.9 180 |
| **8** Tu | 0359 | 1.6 50 | **23** W | 0423 | 1.0 30 | **8** F | 0444 | 1.3 40 | **23** Sa | 0519 | 1.6 50 |
| | 1104 | 5.2 160 | | 1122 | 5.6 170 | | 1132 | 5.2 160 | | 1147 | 5.6 170 |
| | 1532 | 4.3 130 | | 1613 | 3.6 110 | | 1643 | 3.0 90 | | 1725 | 2.3 70 |
| ● | 2122 | 6.2 190 | | 2218 | 6.6 200 | | 2250 | 5.9 180 | | 2347 | 5.9 180 |
| **9** W | 0434 | 1.3 40 | **24** Th | 0506 | 1.0 30 | **9** Sa | 0518 | 1.3 40 | **24** Su | 0551 | 2.0 60 |
| | 1137 | 5.2 160 | | 1159 | 5.6 170 | | 1159 | 5.6 170 | | 1213 | 5.6 170 |
| | 1615 | 3.9 120 | | 1701 | 3.3 100 | | 1725 | 2.6 80 | | 1804 | 2.0 60 |
| | 2206 | 6.2 190 | | 2309 | 6.2 190 | | 2338 | 5.9 180 | | | |
| **10** Th | 0509 | 1.3 40 | **25** F | 0547 | 1.3 40 | **10** Su | 0552 | 1.6 50 | **25** M | 0030 | 5.6 170 |
| | 1210 | 5.2 160 | | 1232 | 5.6 170 | | 1228 | 5.6 170 | | 0621 | 2.6 80 |
| | 1659 | 3.6 110 | | 1746 | 3.0 90 | | 1808 | 2.3 70 | | 1236 | 5.6 170 |
| | 2251 | 6.2 190 | | 2357 | 6.2 190 | | | | | 1843 | 2.0 60 |
| **11** F | 0543 | 1.3 40 | **26** Sa | 0624 | 1.6 50 | **11** M | 0026 | 5.9 180 | **26** Tu | 0113 | 5.2 160 |
| | 1241 | 5.2 160 | | 1303 | 5.6 170 | | 0627 | 2.0 60 | | 0649 | 3.0 90 |
| | 1742 | 3.6 110 | | 1830 | 2.6 80 | | 1256 | 5.9 180 | | 1258 | 5.6 170 |
| | 2336 | 5.9 180 | | | | | 1852 | 2.0 60 | | 1922 | 2.0 60 |
| **12** Sa | 0618 | 1.6 50 | **27** Su | 0044 | 5.9 180 | **12** Tu | 0118 | 5.6 170 | **27** W | 0158 | 4.9 150 |
| | 1312 | 5.6 170 | | 0659 | 2.0 60 | | 0704 | 2.3 70 | | 0716 | 3.3 100 |
| | 1826 | 3.3 100 | | 1331 | 5.6 170 | | 1326 | 5.9 180 | | 1319 | 5.6 170 |
| | | | | 1913 | 2.6 80 | | 1939 | 1.6 50 | | 2004 | 2.0 60 |
| **13** Su | 0024 | 5.9 180 | **28** M | 0132 | 5.2 160 | **13** W | 0215 | 5.2 160 | **28** Th | 0250 | 4.6 140 |
| | 0654 | 1.6 50 | | 0732 | 2.6 80 | | 0743 | 2.6 80 | | 0740 | 3.6 110 |
| | 1342 | 5.6 170 | | 1357 | 5.6 170 | | 1359 | 5.9 180 | | 1345 | 5.6 170 |
| | 1911 | 3.0 90 | | 1958 | 2.6 80 | ◐ | 2033 | 1.6 50 | ◑ | 2054 | 2.3 70 |
| **14** M | 0116 | 5.6 170 | **29** Tu | 0224 | 4.9 150 | **14** Th | 0325 | 4.9 150 | **29** F | 0357 | 4.3 130 |
| | 0731 | 2.0 60 | | 0802 | 3.0 90 | | 0825 | 3.3 100 | | 0804 | 3.6 110 |
| | 1412 | 5.6 170 | | 1420 | 5.2 160 | | 1436 | 5.9 180 | | 1418 | 5.6 170 |
| | 2001 | 2.6 80 | | 2049 | 2.6 80 | | 2138 | 1.6 50 | | 2159 | 2.3 70 |
| **15** Tu | 0215 | 5.2 160 | **30** W | 0326 | 4.6 140 | **15** F | 0450 | 4.6 140 | | | |
| | 0811 | 2.6 80 | | 0831 | 3.6 110 | | 0915 | 3.6 110 | | | |
| | 1444 | 5.9 180 | | 1444 | 5.6 170 | | 1523 | 5.9 180 | | | |
| ◐ | 2057 | 2.3 70 | ◑ | 2149 | 2.6 80 | | 2255 | 1.6 50 | | | |
| | | | **31** Th | 0444 | 4.3 130 | | | | | | |
| | | | | 0859 | 3.9 120 | | | | | | |
| | | | | 1514 | 5.6 170 | | | | | | |
| | | | | 2302 | 2.6 80 | | | | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0518 | 4.3 130 | **16** Su | 0617 | 4.6 140 |
| | 0831 | 3.9 120 | | 1023 | 3.9 120 |
| | 1500 | 5.2 160 | | 1621 | 5.6 170 |
| | 2323 | 2.3 70 | | | |
| **2** Su | 0646 | 4.3 130 | **17** M | 0010 | 1.6 50 |
| | 0920 | 3.9 120 | | 0738 | 4.6 140 |
| | 1557 | 5.2 160 | | 1151 | 3.9 120 |
| | | | | 1802 | 5.6 170 |
| **3** M | 0041 | 2.3 70 | **18** Tu | 0121 | 1.6 50 |
| | 1714 | 5.2 160 | | 0833 | 4.9 150 |
| | | | | 1309 | 3.6 110 |
| | | | | 1922 | 5.6 170 |
| **4** Tu | 0141 | 2.0 60 | **19** W | 0217 | 1.6 50 |
| | 0852 | 4.6 140 | | 0909 | 4.9 150 |
| | 1252 | 3.9 120 | | 1412 | 3.3 100 |
| | 1848 | 5.2 160 | | 2026 | 5.6 170 |
| **5** W | 0225 | 2.0 60 | **20** Th | 0302 | 1.6 50 |
| | 0922 | 4.6 140 | | 0939 | 5.2 160 |
| | 1400 | 3.6 110 | | 1502 | 2.6 80 |
| | 2004 | 5.6 170 | | 2121 | 5.6 170 |
| **6** Th | 0303 | 1.6 50 | **21** F | 0340 | 2.0 60 |
| | 0949 | 4.9 150 | | 1007 | 5.2 160 |
| | 1453 | 3.3 100 | | 1546 | 2.0 60 |
| | 2103 | 5.6 170 | ○ | 2209 | 5.6 170 |
| **7** F | 0337 | 1.6 50 | **22** Sa | 0415 | 2.0 60 |
| | 1017 | 5.2 160 | | 1034 | 5.2 160 |
| | 1540 | 2.6 80 | | 1626 | 1.6 50 |
| ● | 2156 | 5.9 180 | | 2254 | 5.6 170 |
| **8** Sa | 0412 | 1.6 50 | **23** Su | 0447 | 2.3 70 |
| | 1044 | 5.6 170 | | 1059 | 5.2 160 |
| | 1623 | 2.0 60 | | 1703 | 1.6 50 |
| | 2245 | 5.9 180 | | 2337 | 5.2 160 |
| **9** Su | 0447 | 1.6 50 | **24** M | 0517 | 2.6 80 |
| | 1113 | 5.6 170 | | 1124 | 5.6 170 |
| | 1705 | 1.6 50 | | 1739 | 1.3 40 |
| | 2334 | 5.9 180 | | | |
| **10** M | 0524 | 2.0 60 | **25** Tu | 0018 | 5.2 160 |
| | 1143 | 5.9 180 | | 0546 | 3.0 90 |
| | 1747 | 1.3 40 | | 1147 | 5.6 170 |
| | | | | 1814 | 1.3 40 |
| **11** Tu | 0023 | 5.6 170 | **26** W | 0059 | 4.9 150 |
| | 0601 | 2.3 70 | | 0613 | 3.3 100 |
| | 1214 | 5.9 180 | | 1209 | 5.6 170 |
| | 1832 | 1.0 30 | | 1850 | 1.6 50 |
| **12** W | 0116 | 5.6 170 | **27** Th | 0141 | 4.9 150 |
| | 0640 | 2.6 80 | | 0640 | 3.3 100 |
| | 1247 | 6.2 190 | | 1234 | 5.6 170 |
| | 1920 | 1.0 30 | | 1929 | 1.6 50 |
| **13** Th | 0216 | 5.2 160 | **28** F | 0230 | 4.6 140 |
| | 0721 | 3.0 90 | | 0707 | 3.6 110 |
| | 1323 | 5.9 180 | | 1303 | 5.6 170 |
| | 2016 | 1.0 30 | | 2015 | 2.0 60 |
| **14** F | 0328 | 4.9 150 | **29** Sa | 0330 | 4.3 130 |
| | 0807 | 3.6 110 | | 0737 | 3.6 110 |
| | 1405 | 5.9 180 | | 1338 | 5.2 160 |
| ◐ | 2124 | 1.3 40 | ◑ | 2113 | 2.0 60 |
| **15** Sa | 0452 | 4.6 140 | **30** Su | 0441 | 4.3 130 |
| | 0904 | 3.9 120 | | 0816 | 3.9 120 |
| | 1458 | 5.6 170 | | 1421 | 5.2 160 |
| | 2246 | 1.6 50 | | 2225 | 2.3 70 |
| | | | **31** M | 0553 | 4.3 130 |
| | | | | 0928 | 3.9 120 |
| | | | | 1521 | 5.2 160 |
| | | | | 2338 | 2.3 70 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Pictou, Nova Scotia, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0656 | 4.3 | 130 |
| | 1109 | 3.9 | 120 |
| | 1649 | 4.9 | 150 |
| **2** W | 0040 | 2.0 | 60 |
| | 0742 | 4.6 | 140 |
| | 1233 | 3.6 | 110 |
| | 1835 | 4.9 | 150 |
| **3** Th | 0132 | 2.0 | 60 |
| | 0818 | 4.9 | 150 |
| | 1337 | 3.0 | 90 |
| | 1952 | 5.2 | 160 |
| **4** F | 0216 | 2.0 | 60 |
| | 0849 | 4.9 | 150 |
| | 1429 | 2.3 | 70 |
| | 2052 | 5.2 | 160 |
| **5** Sa ● | 0256 | 2.0 | 60 |
| | 0920 | 5.2 | 160 |
| | 1516 | 1.6 | 50 |
| | 2146 | 5.6 | 170 |
| **6** Su | 0336 | 2.0 | 60 |
| | 0953 | 5.6 | 170 |
| | 1559 | 1.0 | 30 |
| | 2237 | 5.6 | 170 |
| **7** M | 0416 | 2.3 | 70 |
| | 1026 | 5.9 | 180 |
| | 1644 | 0.7 | 20 |
| | 2328 | 5.6 | 170 |
| **8** Tu | 0456 | 2.6 | 80 |
| | 1101 | 6.2 | 190 |
| | 1728 | 0.3 | 10 |
| **9** W | 0020 | 5.6 | 170 |
| | 0538 | 2.6 | 80 |
| | 1138 | 6.2 | 190 |
| | 1815 | 0.3 | 10 |
| **10** Th | 0116 | 5.6 | 170 |
| | 0621 | 3.0 | 90 |
| | 1218 | 6.2 | 190 |
| | 1906 | 0.3 | 10 |
| **11** F | 0220 | 5.2 | 160 |
| | 0708 | 3.3 | 100 |
| | 1300 | 5.9 | 180 |
| | 2005 | 0.7 | 20 |
| **12** Sa ◐ | 0331 | 4.9 | 150 |
| | 0802 | 3.6 | 110 |
| | 1350 | 5.9 | 180 |
| | 2116 | 1.3 | 40 |
| **13** Su | 0445 | 4.9 | 150 |
| | 0909 | 3.9 | 120 |
| | 1459 | 5.6 | 170 |
| | 2235 | 1.3 | 40 |
| **14** M | 0554 | 4.9 | 150 |
| | 1031 | 3.6 | 110 |
| | 1638 | 5.2 | 160 |
| | 2348 | 1.6 | 50 |
| **15** Tu | 0654 | 4.9 | 150 |
| | 1152 | 3.3 | 100 |
| | 1806 | 4.9 | 150 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0051 | 2.0 | 60 |
| | 0740 | 4.9 | 150 |
| | 1302 | 3.0 | 90 |
| | 1920 | 5.2 | 160 |
| **17** Th | 0144 | 2.0 | 60 |
| | 0816 | 4.9 | 150 |
| | 1359 | 2.3 | 70 |
| | 2022 | 5.2 | 160 |
| **18** F | 0228 | 2.3 | 70 |
| | 0847 | 5.2 | 160 |
| | 1445 | 2.0 | 60 |
| | 2115 | 5.2 | 160 |
| **19** Sa | 0306 | 2.6 | 80 |
| | 0917 | 5.2 | 160 |
| | 1527 | 1.6 | 50 |
| | 2203 | 5.2 | 160 |
| **20** Su ○ | 0341 | 3.0 | 90 |
| | 0945 | 5.2 | 160 |
| | 1604 | 1.3 | 40 |
| | 2247 | 5.2 | 160 |
| **21** M | 0413 | 3.0 | 90 |
| | 1013 | 5.6 | 170 |
| | 1640 | 1.0 | 30 |
| | 2328 | 5.2 | 160 |
| **22** Tu | 0444 | 3.3 | 100 |
| | 1039 | 5.6 | 170 |
| | 1715 | 1.0 | 30 |
| **23** W | 0009 | 4.9 | 150 |
| | 0515 | 3.3 | 100 |
| | 1104 | 5.6 | 170 |
| | 1750 | 1.3 | 40 |
| **24** Th | 0049 | 4.9 | 150 |
| | 0545 | 3.6 | 110 |
| | 1131 | 5.6 | 170 |
| | 1826 | 1.3 | 40 |
| **25** F | 0132 | 4.9 | 150 |
| | 0616 | 3.6 | 110 |
| | 1159 | 5.6 | 170 |
| | 1905 | 1.6 | 50 |
| **26** Sa | 0220 | 4.6 | 140 |
| | 0650 | 3.6 | 110 |
| | 1233 | 5.6 | 170 |
| | 1950 | 1.6 | 50 |
| **27** Su | 0313 | 4.6 | 140 |
| | 0731 | 3.9 | 120 |
| | 1311 | 5.2 | 160 |
| | 2041 | 2.0 | 60 |
| **28** M ◑ | 0409 | 4.6 | 140 |
| | 0825 | 3.9 | 120 |
| | 1359 | 5.2 | 160 |
| | 2139 | 2.0 | 60 |
| **29** Tu | 0501 | 4.6 | 140 |
| | 0937 | 3.6 | 110 |
| | 1506 | 4.9 | 150 |
| | 2239 | 2.0 | 60 |
| **30** W | 0548 | 4.6 | 140 |
| | 1056 | 3.6 | 110 |
| | 1646 | 4.6 | 140 |
| | 2337 | 2.3 | 70 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0628 | 4.9 | 150 |
| | 1208 | 3.0 | 90 |
| | 1824 | 4.6 | 140 |
| **2** F | 0033 | 2.3 | 70 |
| | 0706 | 4.9 | 150 |
| | 1308 | 2.3 | 70 |
| | 1938 | 4.9 | 150 |
| **3** Sa | 0125 | 2.6 | 80 |
| | 0743 | 5.2 | 160 |
| | 1401 | 1.6 | 50 |
| | 2040 | 5.2 | 160 |
| **4** Su | 0214 | 2.6 | 80 |
| | 0822 | 5.6 | 170 |
| | 1450 | 1.0 | 30 |
| | 2136 | 5.2 | 160 |
| **5** M ● | 0301 | 2.6 | 80 |
| | 0903 | 5.9 | 180 |
| | 1538 | 0.3 | 10 |
| | 2230 | 5.6 | 170 |
| **6** Tu | 0347 | 3.0 | 90 |
| | 0945 | 6.2 | 190 |
| | 1625 | 0.0 | 0 |
| | 2323 | 5.6 | 170 |
| **7** W | 0433 | 3.0 | 90 |
| | 1028 | 6.2 | 190 |
| | 1713 | 0.0 | 0 |
| **8** Th | 0018 | 5.6 | 170 |
| | 0520 | 3.3 | 100 |
| | 1113 | 6.2 | 190 |
| | 1804 | 0.0 | 0 |
| **9** F | 0116 | 5.6 | 170 |
| | 0609 | 3.3 | 100 |
| | 1201 | 6.2 | 190 |
| | 1858 | 0.3 | 10 |
| **10** Sa | 0218 | 5.2 | 160 |
| | 0702 | 3.6 | 110 |
| | 1253 | 5.9 | 180 |
| | 1959 | 0.7 | 20 |
| **11** Su ◐ | 0320 | 5.2 | 160 |
| | 0801 | 3.6 | 110 |
| | 1355 | 5.6 | 170 |
| | 2104 | 1.3 | 40 |
| **12** M | 0419 | 4.9 | 150 |
| | 0909 | 3.6 | 110 |
| | 1513 | 5.2 | 160 |
| | 2210 | 1.6 | 50 |
| **13** Tu | 0512 | 4.9 | 150 |
| | 1024 | 3.3 | 100 |
| | 1639 | 4.9 | 150 |
| | 2312 | 2.0 | 60 |
| **14** W | 0559 | 4.9 | 150 |
| | 1137 | 3.0 | 90 |
| | 1759 | 4.9 | 150 |
| **15** Th | 0009 | 2.3 | 70 |
| | 0639 | 4.9 | 150 |
| | 1242 | 2.3 | 70 |
| | 1911 | 4.9 | 150 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0100 | 2.6 | 80 |
| | 0716 | 5.2 | 160 |
| | 1337 | 2.0 | 60 |
| | 2013 | 4.9 | 150 |
| **17** Sa | 0146 | 3.0 | 90 |
| | 0751 | 5.2 | 160 |
| | 1424 | 1.6 | 50 |
| | 2107 | 4.9 | 150 |
| **18** Su | 0227 | 3.3 | 100 |
| | 0826 | 5.2 | 160 |
| | 1506 | 1.3 | 40 |
| | 2156 | 4.9 | 150 |
| **19** M ○ | 0305 | 3.3 | 100 |
| | 0859 | 5.2 | 160 |
| | 1545 | 1.0 | 30 |
| | 2240 | 4.9 | 150 |
| **20** Tu | 0341 | 3.6 | 110 |
| | 0931 | 5.6 | 170 |
| | 1622 | 1.0 | 30 |
| | 2321 | 4.9 | 150 |
| **21** W | 0415 | 3.6 | 110 |
| | 1003 | 5.6 | 170 |
| | 1658 | 1.0 | 30 |
| **22** Th | 0001 | 4.9 | 150 |
| | 0449 | 3.6 | 110 |
| | 1034 | 5.6 | 170 |
| | 1734 | 1.3 | 40 |
| **23** F | 0042 | 4.9 | 150 |
| | 0524 | 3.6 | 110 |
| | 1106 | 5.6 | 170 |
| | 1811 | 1.3 | 40 |
| **24** Sa | 0123 | 4.9 | 150 |
| | 0602 | 3.6 | 110 |
| | 1141 | 5.6 | 170 |
| | 1850 | 1.3 | 40 |
| **25** Su | 0206 | 4.9 | 150 |
| | 0643 | 3.6 | 110 |
| | 1219 | 5.2 | 160 |
| | 1931 | 1.6 | 50 |
| **26** M | 0249 | 4.9 | 150 |
| | 0730 | 3.6 | 110 |
| | 1304 | 5.2 | 160 |
| | 2015 | 1.6 | 50 |
| **27** Tu ◑ | 0330 | 4.9 | 150 |
| | 0824 | 3.6 | 110 |
| | 1359 | 4.9 | 150 |
| | 2102 | 2.0 | 60 |
| **28** W | 0409 | 4.9 | 150 |
| | 0925 | 3.3 | 100 |
| | 1514 | 4.6 | 140 |
| | 2152 | 2.3 | 70 |
| **29** Th | 0445 | 4.9 | 150 |
| | 1032 | 3.0 | 90 |
| | 1645 | 4.6 | 140 |
| | 2245 | 2.6 | 80 |
| **30** F | 0521 | 5.2 | 160 |
| | 1137 | 2.3 | 70 |
| | 1810 | 4.6 | 140 |
| | 2341 | 2.6 | 80 |
| **31** Sa | 0600 | 5.2 | 160 |
| | 1237 | 2.0 | 60 |
| | 1923 | 4.9 | 150 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0038 | 3.0 | 90 |
| | 0644 | 5.6 | 170 |
| | 1334 | 1.3 | 40 |
| | 2027 | 4.9 | 150 |
| **2** M | 0135 | 3.3 | 100 |
| | 0732 | 5.9 | 180 |
| | 1428 | 0.7 | 20 |
| | 2127 | 5.2 | 160 |
| **3** Tu ● | 0230 | 3.3 | 100 |
| | 0823 | 6.2 | 190 |
| | 1521 | 0.3 | 10 |
| | 2224 | 5.6 | 170 |
| **4** W | 0323 | 3.3 | 100 |
| | 0916 | 6.2 | 190 |
| | 1613 | 0.0 | 0 |
| | 2320 | 5.6 | 170 |
| **5** Th | 0415 | 3.3 | 100 |
| | 1009 | 6.6 | 200 |
| | 1705 | 0.0 | 0 |
| **6** F | 0014 | 5.6 | 170 |
| | 0508 | 3.3 | 100 |
| | 1103 | 6.6 | 200 |
| | 1757 | 0.3 | 10 |
| **7** Sa | 0108 | 5.6 | 170 |
| | 0600 | 3.3 | 100 |
| | 1158 | 6.2 | 190 |
| | 1851 | 0.7 | 20 |
| **8** Su | 0201 | 5.2 | 160 |
| | 0654 | 3.3 | 100 |
| | 1255 | 5.9 | 180 |
| | 1946 | 1.0 | 30 |
| **9** M | 0251 | 5.2 | 160 |
| | 0751 | 3.0 | 90 |
| | 1358 | 5.6 | 170 |
| | 2040 | 1.3 | 40 |
| **10** Tu ◐ | 0338 | 5.2 | 160 |
| | 0852 | 3.0 | 90 |
| | 1508 | 5.2 | 160 |
| | 2135 | 2.0 | 60 |
| **11** W | 0421 | 5.2 | 160 |
| | 0959 | 2.6 | 80 |
| | 1625 | 4.9 | 150 |
| | 2228 | 2.6 | 80 |
| **12** Th | 0501 | 5.2 | 160 |
| | 1108 | 2.3 | 70 |
| | 1742 | 4.6 | 140 |
| | 2320 | 3.0 | 90 |
| **13** F | 0539 | 5.2 | 160 |
| | 1212 | 2.0 | 60 |
| | 1853 | 4.6 | 140 |
| **14** Sa | 0011 | 3.3 | 100 |
| | 0617 | 5.2 | 160 |
| | 1309 | 1.6 | 50 |
| | 1958 | 4.6 | 140 |
| **15** Su | 0100 | 3.6 | 110 |
| | 0657 | 5.2 | 160 |
| | 1400 | 1.6 | 50 |
| | 2055 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0147 | 3.6 | 110 |
| | 0739 | 5.2 | 160 |
| | 1447 | 1.3 | 40 |
| | 2146 | 4.9 | 150 |
| **17** Tu | 0230 | 3.6 | 110 |
| | 0820 | 5.6 | 170 |
| | 1530 | 1.3 | 40 |
| | 2231 | 4.9 | 150 |
| **18** W ○ | 0311 | 3.6 | 110 |
| | 0901 | 5.6 | 170 |
| | 1610 | 1.3 | 40 |
| | 2311 | 4.9 | 150 |
| **19** Th | 0350 | 3.6 | 110 |
| | 0940 | 5.6 | 170 |
| | 1647 | 1.3 | 40 |
| | 2349 | 4.9 | 150 |
| **20** F | 0430 | 3.6 | 110 |
| | 1019 | 5.6 | 170 |
| | 1723 | 1.3 | 40 |
| **21** Sa | 0026 | 4.9 | 150 |
| | 0509 | 3.6 | 110 |
| | 1058 | 5.6 | 170 |
| | 1758 | 1.3 | 40 |
| **22** Su | 0103 | 4.9 | 150 |
| | 0550 | 3.6 | 110 |
| | 1139 | 5.6 | 170 |
| | 1834 | 1.3 | 40 |
| **23** M | 0138 | 4.9 | 150 |
| | 0633 | 3.3 | 100 |
| | 1223 | 5.2 | 160 |
| | 1911 | 1.6 | 50 |
| **24** Tu | 0212 | 4.9 | 150 |
| | 0718 | 3.3 | 100 |
| | 1312 | 5.2 | 160 |
| | 1949 | 1.6 | 50 |
| **25** W | 0244 | 4.9 | 150 |
| | 0807 | 3.0 | 90 |
| | 1409 | 4.9 | 150 |
| | 2029 | 2.0 | 60 |
| **26** Th ◑ | 0316 | 5.2 | 160 |
| | 0901 | 2.6 | 80 |
| | 1517 | 4.6 | 140 |
| | 2113 | 2.3 | 70 |
| **27** F | 0349 | 5.2 | 160 |
| | 1001 | 2.3 | 70 |
| | 1636 | 4.6 | 140 |
| | 2202 | 3.0 | 90 |
| **28** Sa | 0426 | 5.6 | 170 |
| | 1105 | 2.0 | 60 |
| | 1755 | 4.6 | 140 |
| | 2258 | 3.3 | 100 |
| **29** Su | 0509 | 5.6 | 170 |
| | 1210 | 1.3 | 40 |
| | 1909 | 4.6 | 140 |
| **30** M | 0000 | 3.3 | 100 |
| | 0601 | 5.9 | 180 |
| | 1313 | 1.0 | 30 |
| | 2018 | 4.9 | 150 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Pictou, Nova Scotia, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0105 | 3.6 | 110 |
| | 0659 | 5.9 | 180 |
| | 1414 | 0.7 | 20 |
| | 2122 | 4.9 | 150 |
| **2** W ● | 0207 | 3.6 | 110 |
| | 0803 | 6.2 | 190 |
| | 1512 | 0.3 | 10 |
| | 2220 | 5.2 | 160 |
| **3** Th | 0307 | 3.6 | 110 |
| | 0905 | 6.6 | 200 |
| | 1607 | 0.3 | 10 |
| | 2312 | 5.2 | 160 |
| **4** F | 0403 | 3.3 | 100 |
| | 1005 | 6.6 | 200 |
| | 1659 | 0.3 | 10 |
| **5** Sa | 0000 | 5.6 | 170 |
| | 0457 | 3.0 | 90 |
| | 1101 | 6.2 | 190 |
| | 1748 | 0.3 | 10 |
| **6** Su | 0045 | 5.6 | 170 |
| | 0548 | 3.0 | 90 |
| | 1156 | 6.2 | 190 |
| | 1836 | 1.0 | 30 |
| **7** M | 0128 | 5.2 | 160 |
| | 0638 | 2.6 | 80 |
| | 1251 | 5.9 | 180 |
| | 1922 | 1.3 | 40 |
| **8** Tu | 0208 | 5.2 | 160 |
| | 0729 | 2.6 | 80 |
| | 1348 | 5.6 | 170 |
| | 2007 | 2.0 | 60 |
| **9** W | 0246 | 5.2 | 160 |
| | 0822 | 2.3 | 70 |
| | 1451 | 5.2 | 160 |
| | 2051 | 2.3 | 70 |
| **10** Th ◐ | 0322 | 5.2 | 160 |
| | 0922 | 2.3 | 70 |
| | 1601 | 4.9 | 150 |
| | 2137 | 3.0 | 90 |
| **11** F | 0358 | 5.2 | 160 |
| | 1028 | 2.3 | 70 |
| | 1714 | 4.6 | 140 |
| | 2225 | 3.3 | 100 |
| **12** Sa | 0436 | 5.2 | 160 |
| | 1137 | 2.0 | 60 |
| | 1826 | 4.6 | 140 |
| | 2317 | 3.6 | 110 |
| **13** Su | 0518 | 5.2 | 160 |
| | 1241 | 2.0 | 60 |
| | 1934 | 4.6 | 140 |
| **14** M | 0011 | 3.6 | 110 |
| | 0607 | 5.2 | 160 |
| | 1339 | 1.6 | 50 |
| | 2038 | 4.6 | 140 |
| **15** Tu | 0105 | 3.9 | 120 |
| | 0700 | 5.2 | 160 |
| | 1432 | 1.6 | 50 |
| | 2131 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0156 | 3.9 | 120 |
| | 0753 | 5.6 | 170 |
| | 1517 | 1.3 | 40 |
| | 2214 | 4.6 | 140 |
| **17** Th | 0244 | 3.9 | 120 |
| | 0842 | 5.6 | 170 |
| | 1557 | 1.3 | 40 |
| | 2251 | 4.9 | 150 |
| **18** F ○ | 0329 | 3.6 | 110 |
| | 0928 | 5.6 | 170 |
| | 1632 | 1.3 | 40 |
| | 2325 | 4.9 | 150 |
| **19** Sa | 0411 | 3.6 | 110 |
| | 1012 | 5.9 | 180 |
| | 1705 | 1.3 | 40 |
| | 2357 | 4.9 | 150 |
| **20** Su | 0452 | 3.3 | 100 |
| | 1055 | 5.6 | 170 |
| | 1737 | 1.3 | 40 |
| **21** M | 0028 | 5.2 | 160 |
| | 0533 | 3.0 | 90 |
| | 1139 | 5.6 | 170 |
| | 1810 | 1.3 | 40 |
| **22** Tu | 0058 | 5.2 | 160 |
| | 0614 | 3.0 | 90 |
| | 1225 | 5.6 | 170 |
| | 1844 | 1.6 | 50 |
| **23** W | 0127 | 5.2 | 160 |
| | 0657 | 2.6 | 80 |
| | 1314 | 5.2 | 160 |
| | 1920 | 2.0 | 60 |
| **24** Th | 0155 | 5.2 | 160 |
| | 0743 | 2.3 | 70 |
| | 1408 | 4.9 | 150 |
| | 1957 | 2.3 | 70 |
| **25** F ◑ | 0225 | 5.2 | 160 |
| | 0833 | 2.0 | 60 |
| | 1511 | 4.9 | 150 |
| | 2039 | 2.6 | 80 |
| **26** Sa | 0259 | 5.6 | 170 |
| | 0932 | 2.0 | 60 |
| | 1626 | 4.6 | 140 |
| | 2127 | 3.0 | 90 |
| **27** Su | 0340 | 5.6 | 170 |
| | 1039 | 1.6 | 50 |
| | 1745 | 4.6 | 140 |
| | 2225 | 3.3 | 100 |
| **28** M | 0432 | 5.9 | 180 |
| | 1151 | 1.3 | 40 |
| | 1902 | 4.6 | 140 |
| | 2334 | 3.6 | 110 |
| **29** Tu | 0536 | 5.9 | 180 |
| | 1303 | 1.0 | 30 |
| | 2015 | 4.9 | 150 |
| **30** W | 0047 | 3.6 | 110 |
| | 0649 | 5.9 | 180 |
| | 1410 | 1.0 | 30 |
| | 2118 | 4.9 | 150 |
| **31** Th | 0156 | 3.6 | 110 |
| | 0801 | 6.2 | 190 |
| | 1509 | 0.7 | 20 |
| | 2210 | 5.2 | 160 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0258 | 3.3 | 100 |
| | 0906 | 6.2 | 190 |
| | 1600 | 0.7 | 20 |
| | 2253 | 5.2 | 160 |
| **2** Sa | 0353 | 3.0 | 90 |
| | 1004 | 6.2 | 190 |
| | 1647 | 0.7 | 20 |
| | 2333 | 5.2 | 160 |
| **3** Su | 0443 | 2.6 | 80 |
| | 1058 | 6.2 | 190 |
| | 1730 | 1.0 | 30 |
| **4** M | 0009 | 5.6 | 170 |
| | 0530 | 2.3 | 70 |
| | 1149 | 6.2 | 190 |
| | 1810 | 1.3 | 40 |
| **5** Tu | 0044 | 5.2 | 160 |
| | 0615 | 2.0 | 60 |
| | 1239 | 5.9 | 180 |
| | 1849 | 2.0 | 60 |
| **6** W | 0117 | 5.2 | 160 |
| | 0659 | 2.0 | 60 |
| | 1331 | 5.6 | 170 |
| | 1927 | 2.3 | 70 |
| **7** Th | 0148 | 5.2 | 160 |
| | 0747 | 2.0 | 60 |
| | 1427 | 4.9 | 150 |
| | 2005 | 3.0 | 90 |
| **8** F ◐ | 0218 | 5.2 | 160 |
| | 0839 | 2.0 | 60 |
| | 1530 | 4.6 | 140 |
| | 2043 | 3.3 | 100 |
| **9** Sa | 0249 | 5.2 | 160 |
| | 0942 | 2.0 | 60 |
| | 1640 | 4.6 | 140 |
| | 2124 | 3.6 | 110 |
| **10** Su | 0325 | 5.2 | 160 |
| | 1057 | 2.0 | 60 |
| | 1752 | 4.3 | 130 |
| | 2214 | 3.6 | 110 |
| **11** M | 0412 | 5.2 | 160 |
| | 1211 | 2.0 | 60 |
| | 1904 | 4.3 | 130 |
| | 2317 | 3.9 | 120 |
| **12** Tu | 0515 | 5.2 | 160 |
| | 1316 | 2.0 | 60 |
| | 2013 | 4.3 | 130 |
| **13** W | 0024 | 3.9 | 120 |
| | 0626 | 5.2 | 160 |
| | 1411 | 2.0 | 60 |
| | 2106 | 4.6 | 140 |
| **14** Th | 0125 | 3.9 | 120 |
| | 0731 | 5.2 | 160 |
| | 1455 | 1.6 | 50 |
| | 2144 | 4.6 | 140 |
| **15** F | 0220 | 3.6 | 110 |
| | 0826 | 5.6 | 170 |
| | 1532 | 1.6 | 50 |
| | 2216 | 4.9 | 150 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0307 | 3.3 | 100 |
| | 0915 | 5.6 | 170 |
| | 1605 | 1.3 | 40 |
| | 2246 | 4.9 | 150 |
| **17** Su | 0350 | 3.0 | 90 |
| | 1002 | 5.9 | 180 |
| | 1636 | 1.3 | 40 |
| | 2314 | 5.2 | 160 |
| **18** M | 0431 | 2.6 | 80 |
| | 1047 | 5.9 | 180 |
| | 1707 | 1.6 | 50 |
| | 2342 | 5.2 | 160 |
| **19** Tu | 0511 | 2.3 | 70 |
| | 1132 | 5.9 | 180 |
| | 1740 | 1.6 | 50 |
| **20** W | 0010 | 5.2 | 160 |
| | 0551 | 2.0 | 60 |
| | 1218 | 5.6 | 170 |
| | 1814 | 2.0 | 60 |
| **21** Th | 0038 | 5.6 | 170 |
| | 0633 | 1.6 | 50 |
| | 1307 | 5.6 | 170 |
| | 1850 | 2.3 | 70 |
| **22** F | 0108 | 5.6 | 170 |
| | 0718 | 1.6 | 50 |
| | 1401 | 5.2 | 160 |
| | 1928 | 2.6 | 80 |
| **23** Sa ◑ | 0140 | 5.6 | 170 |
| | 0808 | 1.3 | 40 |
| | 1505 | 4.9 | 150 |
| | 2010 | 3.0 | 90 |
| **24** Su | 0218 | 5.6 | 170 |
| | 0909 | 1.3 | 40 |
| | 1621 | 4.6 | 140 |
| | 2101 | 3.6 | 110 |
| **25** M | 0305 | 5.6 | 170 |
| | 1022 | 1.6 | 50 |
| | 1741 | 4.6 | 140 |
| | 2206 | 3.6 | 110 |
| **26** Tu | 0409 | 5.6 | 170 |
| | 1143 | 1.3 | 40 |
| | 1900 | 4.6 | 140 |
| | 2325 | 3.9 | 120 |
| **27** W | 0532 | 5.6 | 170 |
| | 1259 | 1.3 | 40 |
| | 2010 | 4.9 | 150 |
| **28** Th | 0043 | 3.6 | 110 |
| | 0655 | 5.9 | 180 |
| | 1405 | 1.3 | 40 |
| | 2104 | 4.9 | 150 |
| **29** F | 0152 | 3.3 | 100 |
| | 0806 | 5.9 | 180 |
| | 1458 | 1.0 | 30 |
| | 2145 | 5.2 | 160 |
| **30** Sa ● | 0251 | 3.0 | 90 |
| | 0907 | 6.2 | 190 |
| | 1544 | 1.3 | 40 |
| | 2221 | 5.2 | 160 |
| **31** Su | 0341 | 2.3 | 70 |
| | 1001 | 6.2 | 190 |
| | 1624 | 1.3 | 40 |
| | 2254 | 5.2 | 160 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0426 | 2.0 | 60 |
| | 1050 | 6.2 | 190 |
| | 1702 | 1.6 | 50 |
| | 2325 | 5.6 | 170 |
| **2** Tu | 0508 | 1.6 | 50 |
| | 1138 | 5.9 | 180 |
| | 1738 | 2.0 | 60 |
| | 2355 | 5.6 | 170 |
| **3** W | 0549 | 1.6 | 50 |
| | 1224 | 5.6 | 170 |
| | 1813 | 2.6 | 80 |
| **4** Th | 0023 | 5.6 | 170 |
| | 0630 | 1.6 | 50 |
| | 1311 | 5.2 | 160 |
| | 1846 | 3.0 | 90 |
| **5** F | 0050 | 5.2 | 160 |
| | 0711 | 1.6 | 50 |
| | 1401 | 4.9 | 150 |
| | 1919 | 3.3 | 100 |
| **6** Sa | 0117 | 5.2 | 160 |
| | 0757 | 2.0 | 60 |
| | 1458 | 4.6 | 140 |
| | 1952 | 3.6 | 110 |
| **7** Su ◐ | 0145 | 5.2 | 160 |
| | 0853 | 2.0 | 60 |
| | 1605 | 4.6 | 140 |
| | 2027 | 3.6 | 110 |
| **8** M | 0220 | 5.2 | 160 |
| | 1009 | 2.3 | 70 |
| | 1716 | 4.3 | 130 |
| | 2113 | 3.9 | 120 |
| **9** Tu | 0308 | 5.2 | 160 |
| | 1132 | 2.3 | 70 |
| | 1828 | 4.3 | 130 |
| | 2226 | 3.9 | 120 |
| **10** W | 0417 | 5.2 | 160 |
| | 1240 | 2.3 | 70 |
| | 1934 | 4.3 | 130 |
| | 2349 | 3.9 | 120 |
| **11** Th | 0551 | 5.2 | 160 |
| | 1334 | 2.0 | 60 |
| | 2022 | 4.6 | 140 |
| **12** F | 0059 | 3.6 | 110 |
| | 0707 | 5.2 | 160 |
| | 1417 | 2.0 | 60 |
| | 2057 | 4.6 | 140 |
| **13** Sa | 0156 | 3.3 | 100 |
| | 0808 | 5.6 | 170 |
| | 1453 | 2.0 | 60 |
| | 2127 | 4.9 | 150 |
| **14** Su | 0243 | 3.0 | 90 |
| | 0859 | 5.6 | 170 |
| | 1526 | 2.0 | 60 |
| | 2155 | 5.2 | 160 |
| **15** M ○ | 0325 | 2.6 | 80 |
| | 0948 | 5.6 | 170 |
| | 1558 | 2.0 | 60 |
| | 2223 | 5.2 | 160 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0406 | 2.0 | 60 |
| | 1035 | 5.9 | 180 |
| | 1632 | 2.0 | 60 |
| | 2252 | 5.6 | 170 |
| **17** W | 0446 | 1.6 | 50 |
| | 1121 | 5.9 | 180 |
| | 1707 | 2.3 | 70 |
| | 2321 | 5.9 | 180 |
| **18** Th | 0527 | 1.3 | 40 |
| | 1209 | 5.9 | 180 |
| | 1743 | 2.6 | 80 |
| | 2352 | 5.9 | 180 |
| **19** F | 0609 | 1.0 | 30 |
| | 1259 | 5.6 | 170 |
| | 1822 | 3.0 | 90 |
| **20** Sa | 0025 | 5.9 | 180 |
| | 0656 | 1.0 | 30 |
| | 1356 | 5.2 | 160 |
| | 1903 | 3.3 | 100 |
| **21** Su | 0102 | 5.9 | 180 |
| | 0748 | 1.0 | 30 |
| | 1503 | 4.9 | 150 |
| | 1950 | 3.6 | 110 |
| **22** M ◑ | 0145 | 5.9 | 180 |
| | 0853 | 1.3 | 40 |
| | 1620 | 4.9 | 150 |
| | 2047 | 3.9 | 120 |
| **23** Tu | 0241 | 5.9 | 180 |
| | 1012 | 1.6 | 50 |
| | 1737 | 4.9 | 150 |
| | 2203 | 3.9 | 120 |
| **24** W | 0405 | 5.6 | 170 |
| | 1134 | 1.6 | 50 |
| | 1848 | 4.9 | 150 |
| | 2328 | 3.9 | 120 |
| **25** Th | 0541 | 5.6 | 170 |
| | 1247 | 1.6 | 50 |
| | 1946 | 4.9 | 150 |
| **26** F | 0044 | 3.6 | 110 |
| | 0701 | 5.6 | 170 |
| | 1347 | 1.6 | 50 |
| | 2030 | 5.2 | 160 |
| **27** Sa | 0147 | 3.0 | 90 |
| | 0807 | 5.9 | 180 |
| | 1436 | 2.0 | 60 |
| | 2106 | 5.2 | 160 |
| **28** Su | 0239 | 2.3 | 70 |
| | 0904 | 5.9 | 180 |
| | 1517 | 2.0 | 60 |
| | 2138 | 5.6 | 170 |
| **29** M ● | 0325 | 2.0 | 60 |
| | 0954 | 5.9 | 180 |
| | 1555 | 2.3 | 70 |
| | 2209 | 5.6 | 170 |
| **30** Tu | 0406 | 1.6 | 50 |
| | 1041 | 5.9 | 180 |
| | 1630 | 2.6 | 80 |
| | 2238 | 5.6 | 170 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Pictou, Nova Scotia, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0445 | 1.3 | 40 |
| | 1126 | 5.6 | 170 |
| | 1704 | 3.0 | 90 |
| | 2307 | 5.6 | 170 |
| **2** Th | 0523 | 1.3 | 40 |
| | 1210 | 5.6 | 170 |
| | 1736 | 3.3 | 100 |
| | 2333 | 5.6 | 170 |
| **3** F | 0601 | 1.3 | 40 |
| | 1254 | 5.2 | 160 |
| | 1808 | 3.3 | 100 |
| | 2359 | 5.6 | 170 |
| **4** Sa | 0640 | 1.6 | 50 |
| | 1340 | 4.9 | 150 |
| | 1839 | 3.6 | 110 |
| **5** Su | 0025 | 5.6 | 170 |
| | 0722 | 2.0 | 60 |
| | 1431 | 4.9 | 150 |
| | 1910 | 3.9 | 120 |
| **6** M | 0055 | 5.6 | 170 |
| | 0810 | 2.0 | 60 |
| | 1531 | 4.6 | 140 |
| | 1946 | 3.9 | 120 |
| **7** Tu ◐ | 0131 | 5.2 | 160 |
| | 0913 | 2.3 | 70 |
| | 1637 | 4.6 | 140 |
| | 2035 | 3.9 | 120 |
| **8** W | 0217 | 5.2 | 160 |
| | 1029 | 2.3 | 70 |
| | 1740 | 4.6 | 140 |
| | 2151 | 3.9 | 120 |
| **9** Th | 0325 | 4.9 | 150 |
| | 1137 | 2.6 | 80 |
| | 1835 | 4.6 | 140 |
| | 2318 | 3.9 | 120 |
| **10** F | 0512 | 4.9 | 150 |
| | 1233 | 2.6 | 80 |
| | 1918 | 4.9 | 150 |
| **11** Sa | 0029 | 3.6 | 110 |
| | 0641 | 4.9 | 150 |
| | 1320 | 2.3 | 70 |
| | 1954 | 4.9 | 150 |
| **12** Su | 0126 | 3.3 | 100 |
| | 0747 | 5.2 | 160 |
| | 1401 | 2.6 | 80 |
| | 2025 | 5.2 | 160 |
| **13** M | 0214 | 2.6 | 80 |
| | 0842 | 5.6 | 170 |
| | 1439 | 2.6 | 80 |
| | 2056 | 5.6 | 170 |
| **14** Tu ○ | 0257 | 2.0 | 60 |
| | 0933 | 5.6 | 170 |
| | 1517 | 2.6 | 80 |
| | 2127 | 5.6 | 170 |
| **15** W | 0339 | 1.3 | 40 |
| | 1022 | 5.9 | 180 |
| | 1555 | 2.6 | 80 |
| | 2200 | 5.9 | 180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0421 | 1.0 | 30 |
| | 1110 | 5.9 | 180 |
| | 1634 | 3.0 | 90 |
| | 2235 | 6.2 | 190 |
| **17** F | 0505 | 0.7 | 20 |
| | 1159 | 5.9 | 180 |
| | 1715 | 3.3 | 100 |
| | 2312 | 6.2 | 190 |
| **18** Sa | 0550 | 0.7 | 20 |
| | 1253 | 5.6 | 170 |
| | 1758 | 3.3 | 100 |
| | 2352 | 6.2 | 190 |
| **19** Su | 0640 | 0.7 | 20 |
| | 1352 | 5.6 | 170 |
| | 1845 | 3.6 | 110 |
| **20** M | 0036 | 6.2 | 190 |
| | 0735 | 1.0 | 30 |
| | 1459 | 5.2 | 160 |
| | 1938 | 3.9 | 120 |
| **21** Tu ◑ | 0127 | 5.9 | 180 |
| | 0841 | 1.3 | 40 |
| | 1610 | 5.2 | 160 |
| | 2044 | 3.9 | 120 |
| **22** W | 0236 | 5.6 | 170 |
| | 0957 | 1.6 | 50 |
| | 1716 | 5.2 | 160 |
| | 2203 | 3.9 | 120 |
| **23** Th | 0411 | 5.6 | 170 |
| | 1112 | 2.0 | 60 |
| | 1815 | 5.2 | 160 |
| | 2324 | 3.6 | 110 |
| **24** F | 0542 | 5.2 | 160 |
| | 1218 | 2.3 | 70 |
| | 1903 | 5.2 | 160 |
| **25** Sa | 0036 | 3.0 | 90 |
| | 0659 | 5.2 | 160 |
| | 1315 | 2.6 | 80 |
| | 1943 | 5.2 | 160 |
| **26** Su | 0135 | 2.6 | 80 |
| | 0803 | 5.6 | 170 |
| | 1402 | 2.6 | 80 |
| | 2018 | 5.6 | 170 |
| **27** M | 0224 | 2.0 | 60 |
| | 0859 | 5.6 | 170 |
| | 1444 | 3.0 | 90 |
| | 2051 | 5.6 | 170 |
| **28** Tu ● | 0307 | 1.6 | 50 |
| | 0948 | 5.6 | 170 |
| | 1522 | 3.3 | 100 |
| | 2123 | 5.6 | 170 |
| **29** W | 0347 | 1.3 | 40 |
| | 1034 | 5.6 | 170 |
| | 1557 | 3.3 | 100 |
| | 2153 | 5.9 | 180 |
| **30** Th | 0425 | 1.3 | 40 |
| | 1117 | 5.6 | 170 |
| | 1630 | 3.6 | 110 |
| | 2222 | 5.9 | 180 |
| **31** F | 0502 | 1.3 | 40 |
| | 1158 | 5.6 | 170 |
| | 1703 | 3.6 | 110 |
| | 2250 | 5.9 | 180 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0538 | 1.3 | 40 |
| | 1240 | 5.2 | 160 |
| | 1735 | 3.9 | 120 |
| | 2318 | 5.9 | 180 |
| **2** Su | 0615 | 1.6 | 50 |
| | 1323 | 5.2 | 160 |
| | 1807 | 3.9 | 120 |
| | 2346 | 5.9 | 180 |
| **3** M | 0654 | 2.0 | 60 |
| | 1408 | 4.9 | 150 |
| | 1842 | 3.9 | 120 |
| **4** Tu | 0019 | 5.6 | 170 |
| | 0737 | 2.0 | 60 |
| | 1458 | 4.9 | 150 |
| | 1923 | 4.3 | 130 |
| **5** W | 0056 | 5.6 | 170 |
| | 0825 | 2.3 | 70 |
| | 1550 | 4.9 | 150 |
| | 2016 | 4.3 | 130 |
| **6** Th ◐ | 0144 | 5.2 | 160 |
| | 0919 | 2.6 | 80 |
| | 1639 | 4.9 | 150 |
| | 2124 | 3.9 | 120 |
| **7** F | 0252 | 4.9 | 150 |
| | 1016 | 2.6 | 80 |
| | 1723 | 4.9 | 150 |
| | 2240 | 3.9 | 120 |
| **8** Sa | 0436 | 4.9 | 150 |
| | 1113 | 3.0 | 90 |
| | 1802 | 4.9 | 150 |
| | 2350 | 3.3 | 100 |
| **9** Su | 0612 | 4.9 | 150 |
| | 1208 | 3.0 | 90 |
| | 1838 | 5.2 | 160 |
| **10** M | 0049 | 2.6 | 80 |
| | 0723 | 4.9 | 150 |
| | 1259 | 3.0 | 90 |
| | 1914 | 5.6 | 170 |
| **11** Tu | 0140 | 2.0 | 60 |
| | 0823 | 5.2 | 160 |
| | 1349 | 3.3 | 100 |
| | 1952 | 5.9 | 180 |
| **12** W | 0228 | 1.6 | 50 |
| | 0918 | 5.6 | 170 |
| | 1435 | 3.3 | 100 |
| | 2032 | 6.2 | 190 |
| **13** Th ○ | 0314 | 1.0 | 30 |
| | 1009 | 5.9 | 180 |
| | 1521 | 3.3 | 100 |
| | 2115 | 6.6 | 200 |
| **14** F | 0401 | 0.7 | 20 |
| | 1101 | 5.9 | 180 |
| | 1606 | 3.6 | 110 |
| | 2159 | 6.6 | 200 |
| **15** Sa | 0448 | 0.3 | 10 |
| | 1153 | 5.9 | 180 |
| | 1653 | 3.6 | 110 |
| | 2244 | 6.6 | 200 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0537 | 0.3 | 10 |
| | 1247 | 5.9 | 180 |
| | 1742 | 3.6 | 110 |
| | 2332 | 6.6 | 200 |
| **17** M | 0629 | 0.7 | 20 |
| | 1345 | 5.6 | 170 |
| | 1834 | 3.6 | 110 |
| **18** Tu | 0024 | 6.6 | 200 |
| | 0725 | 1.0 | 30 |
| | 1444 | 5.6 | 170 |
| | 1931 | 3.9 | 120 |
| **19** W ◑ | 0124 | 5.9 | 180 |
| | 0825 | 1.6 | 50 |
| | 1542 | 5.6 | 170 |
| | 2035 | 3.6 | 110 |
| **20** Th | 0238 | 5.6 | 170 |
| | 0929 | 2.0 | 60 |
| | 1636 | 5.6 | 170 |
| | 2148 | 3.6 | 110 |
| **21** F | 0406 | 5.2 | 160 |
| | 1033 | 2.3 | 70 |
| | 1725 | 5.6 | 170 |
| | 2305 | 3.3 | 100 |
| **22** Sa | 0532 | 5.2 | 160 |
| | 1134 | 3.0 | 90 |
| | 1808 | 5.6 | 170 |
| **23** Su | 0016 | 2.6 | 80 |
| | 0650 | 5.2 | 160 |
| | 1230 | 3.3 | 100 |
| | 1848 | 5.6 | 170 |
| **24** M | 0115 | 2.3 | 70 |
| | 0757 | 5.2 | 160 |
| | 1320 | 3.6 | 110 |
| | 1926 | 5.6 | 170 |
| **25** Tu | 0205 | 2.0 | 60 |
| | 0855 | 5.2 | 160 |
| | 1405 | 3.6 | 110 |
| | 2003 | 5.6 | 170 |
| **26** W | 0249 | 1.6 | 50 |
| | 0945 | 5.2 | 160 |
| | 1446 | 3.9 | 120 |
| | 2039 | 5.9 | 180 |
| **27** Th ● | 0331 | 1.3 | 40 |
| | 1029 | 5.2 | 160 |
| | 1524 | 3.9 | 120 |
| | 2114 | 5.9 | 180 |
| **28** F | 0410 | 1.3 | 40 |
| | 1110 | 5.2 | 160 |
| | 1559 | 3.9 | 120 |
| | 2147 | 5.9 | 180 |
| **29** Sa | 0447 | 1.3 | 40 |
| | 1149 | 5.2 | 160 |
| | 1635 | 3.9 | 120 |
| | 2219 | 5.9 | 180 |
| **30** Su | 0523 | 1.6 | 50 |
| | 1227 | 5.2 | 160 |
| | 1710 | 3.9 | 120 |
| | 2251 | 5.9 | 180 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0558 | 1.6 | 50 |
| | 1305 | 5.2 | 160 |
| | 1746 | 3.9 | 120 |
| | 2324 | 5.9 | 180 |
| **2** Tu | 0633 | 2.0 | 60 |
| | 1343 | 5.2 | 160 |
| | 1825 | 3.9 | 120 |
| | 2359 | 5.9 | 180 |
| **3** W | 0710 | 2.0 | 60 |
| | 1420 | 5.2 | 160 |
| | 1909 | 3.9 | 120 |
| **4** Th | 0041 | 5.6 | 170 |
| | 0748 | 2.3 | 70 |
| | 1457 | 5.2 | 160 |
| | 1958 | 3.9 | 120 |
| **5** F ◐ | 0132 | 5.2 | 160 |
| | 0829 | 2.6 | 80 |
| | 1533 | 5.2 | 160 |
| | 2055 | 3.6 | 110 |
| **6** Sa | 0238 | 4.9 | 150 |
| | 0914 | 2.6 | 80 |
| | 1608 | 5.2 | 160 |
| | 2159 | 3.3 | 100 |
| **7** Su | 0407 | 4.9 | 150 |
| | 1003 | 3.0 | 90 |
| | 1643 | 5.2 | 160 |
| | 2305 | 3.0 | 90 |
| **8** M | 0541 | 4.9 | 150 |
| | 1058 | 3.3 | 100 |
| | 1721 | 5.6 | 170 |
| **9** Tu | 0008 | 2.3 | 70 |
| | 0658 | 4.9 | 150 |
| | 1158 | 3.6 | 110 |
| | 1805 | 5.9 | 180 |
| **10** W | 0107 | 2.0 | 60 |
| | 0805 | 5.2 | 160 |
| | 1259 | 3.6 | 110 |
| | 1854 | 6.2 | 190 |
| **11** Th | 0202 | 1.3 | 40 |
| | 0905 | 5.2 | 160 |
| | 1356 | 3.9 | 120 |
| | 1947 | 6.6 | 200 |
| **12** F ○ | 0255 | 1.0 | 30 |
| | 1001 | 5.6 | 170 |
| | 1451 | 3.9 | 120 |
| | 2042 | 6.6 | 200 |
| **13** Sa | 0347 | 0.7 | 20 |
| | 1054 | 5.9 | 180 |
| | 1545 | 3.6 | 110 |
| | 2137 | 6.9 | 210 |
| **14** Su | 0438 | 0.3 | 10 |
| | 1145 | 5.9 | 180 |
| | 1638 | 3.6 | 110 |
| | 2232 | 6.9 | 210 |
| **15** M | 0528 | 0.3 | 10 |
| | 1235 | 5.9 | 180 |
| | 1731 | 3.6 | 110 |
| | 2327 | 6.9 | 210 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0619 | 0.7 | 20 |
| | 1324 | 5.9 | 180 |
| | 1824 | 3.6 | 110 |
| **17** W | 0024 | 6.6 | 200 |
| | 0709 | 1.3 | 40 |
| | 1412 | 5.6 | 170 |
| | 1918 | 3.3 | 100 |
| **18** Th | 0123 | 5.9 | 180 |
| | 0800 | 1.6 | 50 |
| | 1459 | 5.6 | 170 |
| | 2015 | 3.3 | 100 |
| **19** F ◑ | 0230 | 5.6 | 170 |
| | 0851 | 2.3 | 70 |
| | 1542 | 5.6 | 170 |
| | 2119 | 3.0 | 90 |
| **20** Sa | 0347 | 5.2 | 160 |
| | 0943 | 3.0 | 90 |
| | 1624 | 5.6 | 170 |
| | 2231 | 2.6 | 80 |
| **21** Su | 0511 | 4.9 | 150 |
| | 1037 | 3.3 | 100 |
| | 1704 | 5.6 | 170 |
| | 2343 | 2.6 | 80 |
| **22** M | 0632 | 4.9 | 150 |
| | 1133 | 3.6 | 110 |
| | 1746 | 5.6 | 170 |
| **23** Tu | 0048 | 2.3 | 70 |
| | 0746 | 4.9 | 150 |
| | 1229 | 3.9 | 120 |
| | 1830 | 5.6 | 170 |
| **24** W | 0145 | 2.0 | 60 |
| | 0852 | 4.9 | 150 |
| | 1321 | 4.3 | 130 |
| | 1916 | 5.6 | 170 |
| **25** Th | 0236 | 1.6 | 50 |
| | 0945 | 4.9 | 150 |
| | 1409 | 4.3 | 130 |
| | 2002 | 5.9 | 180 |
| **26** F | 0320 | 1.6 | 50 |
| | 1027 | 5.2 | 160 |
| | 1453 | 4.3 | 130 |
| | 2045 | 5.9 | 180 |
| **27** Sa ● | 0400 | 1.6 | 50 |
| | 1103 | 5.2 | 160 |
| | 1534 | 4.3 | 130 |
| | 2125 | 5.9 | 180 |
| **28** Su | 0436 | 1.6 | 50 |
| | 1136 | 5.2 | 160 |
| | 1613 | 3.9 | 120 |
| | 2203 | 5.9 | 180 |
| **29** M | 0509 | 1.6 | 50 |
| | 1207 | 5.2 | 160 |
| | 1652 | 3.9 | 120 |
| | 2240 | 5.9 | 180 |
| **30** Tu | 0540 | 1.6 | 50 |
| | 1238 | 5.2 | 160 |
| | 1730 | 3.9 | 120 |
| | 2318 | 5.9 | 180 |
| **31** W | 0611 | 1.6 | 50 |
| | 1308 | 5.2 | 160 |
| | 1810 | 3.6 | 110 |
| | 2358 | 5.9 | 180 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Harrington Harbour, Quebec, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0516 | 4.9 | 150 |
| | 1129 | 3.0 | 90 |
| | 1713 | 4.6 | 140 |
| | 2340 | 2.3 | 70 |
| **2** W | 0633 | 4.9 | 150 |
| | 1248 | 3.0 | 90 |
| | 1812 | 4.3 | 130 |
| **3** Th | 0038 | 2.0 | 60 |
| | 0741 | 5.2 | 160 |
| | 1359 | 3.0 | 90 |
| | 1912 | 4.3 | 130 |
| **4** F | 0132 | 2.0 | 60 |
| | 0835 | 5.6 | 170 |
| | 1456 | 3.0 | 90 |
| | 2005 | 4.3 | 130 |
| **5** Sa | 0220 | 1.6 | 50 |
| | 0920 | 5.9 | 180 |
| | 1543 | 2.6 | 80 |
| | 2052 | 4.3 | 130 |
| **6** Su | 0303 | 1.6 | 50 |
| | 1000 | 6.2 | 190 |
| | 1622 | 2.6 | 80 |
| | 2133 | 4.6 | 140 |
| **7** M | 0341 | 1.3 | 40 |
| | 1037 | 6.2 | 190 |
| | 1658 | 2.3 | 70 |
| | 2211 | 4.6 | 140 |
| **8** Tu ● | 0418 | 1.0 | 30 |
| | 1112 | 6.6 | 200 |
| | 1732 | 2.3 | 70 |
| | 2248 | 4.9 | 150 |
| **9** W | 0454 | 1.0 | 30 |
| | 1146 | 6.6 | 200 |
| | 1805 | 2.3 | 70 |
| | 2325 | 4.9 | 150 |
| **10** Th | 0531 | 1.0 | 30 |
| | 1221 | 6.6 | 200 |
| | 1839 | 2.0 | 60 |
| **11** F | 0004 | 5.2 | 160 |
| | 0609 | 1.0 | 30 |
| | 1255 | 6.6 | 200 |
| | 1914 | 2.0 | 60 |
| **12** Sa | 0045 | 5.2 | 160 |
| | 0650 | 1.0 | 30 |
| | 1330 | 6.2 | 190 |
| | 1950 | 2.0 | 60 |
| **13** Su | 0130 | 5.2 | 160 |
| | 0736 | 1.3 | 40 |
| | 1406 | 5.9 | 180 |
| | 2029 | 1.6 | 50 |
| **14** M | 0221 | 5.2 | 160 |
| | 0828 | 1.6 | 50 |
| | 1446 | 5.6 | 170 |
| | 2112 | 1.6 | 50 |
| **15** Tu ◐ | 0320 | 5.2 | 160 |
| | 0930 | 2.3 | 70 |
| | 1532 | 5.2 | 160 |
| | 2201 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0432 | 5.2 | 160 |
| | 1045 | 2.6 | 80 |
| | 1628 | 4.9 | 150 |
| | 2258 | 1.6 | 50 |
| **17** Th | 0553 | 5.6 | 170 |
| | 1210 | 2.6 | 80 |
| | 1737 | 4.6 | 140 |
| **18** F | 0004 | 1.6 | 50 |
| | 0713 | 5.9 | 180 |
| | 1334 | 2.6 | 80 |
| | 1853 | 4.3 | 130 |
| **19** Sa | 0112 | 1.3 | 40 |
| | 0823 | 6.2 | 190 |
| | 1446 | 2.6 | 80 |
| | 2004 | 4.6 | 140 |
| **20** Su | 0215 | 1.0 | 30 |
| | 0922 | 6.6 | 200 |
| | 1545 | 2.3 | 70 |
| | 2103 | 4.6 | 140 |
| **21** M | 0312 | 0.7 | 20 |
| | 1013 | 6.9 | 210 |
| | 1634 | 2.0 | 60 |
| | 2155 | 4.9 | 150 |
| **22** Tu ○ | 0403 | 0.3 | 10 |
| | 1059 | 6.9 | 210 |
| | 1717 | 2.0 | 60 |
| | 2241 | 5.2 | 160 |
| **23** W | 0449 | 0.3 | 10 |
| | 1141 | 6.9 | 210 |
| | 1756 | 1.6 | 50 |
| | 2325 | 5.2 | 160 |
| **24** Th | 0534 | 0.3 | 10 |
| | 1218 | 6.6 | 200 |
| | 1833 | 1.6 | 50 |
| **25** F | 0007 | 5.6 | 170 |
| | 0617 | 0.7 | 20 |
| | 1253 | 6.2 | 190 |
| | 1908 | 1.6 | 50 |
| **26** Sa | 0049 | 5.6 | 170 |
| | 0659 | 1.0 | 30 |
| | 1326 | 5.9 | 180 |
| | 1942 | 1.6 | 50 |
| **27** Su | 0131 | 5.6 | 170 |
| | 0742 | 1.6 | 50 |
| | 1357 | 5.6 | 170 |
| | 2017 | 1.6 | 50 |
| **28** M | 0216 | 5.2 | 160 |
| | 0828 | 2.0 | 60 |
| | 1428 | 4.9 | 150 |
| | 2053 | 2.0 | 60 |
| **29** Tu | 0308 | 4.9 | 150 |
| | 0920 | 2.6 | 80 |
| | 1501 | 4.6 | 140 |
| | 2135 | 2.0 | 60 |
| **30** W ◑ | 0412 | 4.9 | 150 |
| | 1026 | 3.0 | 90 |
| | 1541 | 4.3 | 130 |
| | 2227 | 2.0 | 60 |
| **31** Th | 0535 | 4.9 | 150 |
| | 1151 | 3.3 | 100 |
| | 1639 | 3.9 | 120 |
| | 2333 | 2.3 | 70 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0702 | 4.9 | 150 |
| | 1324 | 3.3 | 100 |
| | 1805 | 3.9 | 120 |
| **2** Sa | 0046 | 2.0 | 60 |
| | 0810 | 5.2 | 160 |
| | 1437 | 3.0 | 90 |
| | 1928 | 3.9 | 120 |
| **3** Su | 0149 | 2.0 | 60 |
| | 0900 | 5.6 | 170 |
| | 1525 | 2.6 | 80 |
| | 2028 | 4.3 | 130 |
| **4** M | 0239 | 1.6 | 50 |
| | 0941 | 5.9 | 180 |
| | 1603 | 2.6 | 80 |
| | 2114 | 4.6 | 140 |
| **5** Tu | 0322 | 1.3 | 40 |
| | 1017 | 6.2 | 190 |
| | 1635 | 2.3 | 70 |
| | 2154 | 4.6 | 140 |
| **6** W ● | 0401 | 1.0 | 30 |
| | 1050 | 6.2 | 190 |
| | 1706 | 2.0 | 60 |
| | 2232 | 4.9 | 150 |
| **7** Th | 0438 | 0.7 | 20 |
| | 1121 | 6.6 | 200 |
| | 1736 | 1.6 | 50 |
| | 2310 | 5.2 | 160 |
| **8** F | 0516 | 0.7 | 20 |
| | 1152 | 6.6 | 200 |
| | 1807 | 1.3 | 40 |
| | 2349 | 5.6 | 170 |
| **9** Sa | 0555 | 0.7 | 20 |
| | 1224 | 6.2 | 190 |
| | 1838 | 1.3 | 40 |
| **10** Su | 0030 | 5.6 | 170 |
| | 0636 | 1.0 | 30 |
| | 1256 | 6.2 | 190 |
| | 1912 | 1.0 | 30 |
| **11** M | 0113 | 5.9 | 180 |
| | 0722 | 1.3 | 40 |
| | 1330 | 5.9 | 180 |
| | 1948 | 1.0 | 30 |
| **12** Tu | 0201 | 5.6 | 170 |
| | 0812 | 1.6 | 50 |
| | 1407 | 5.2 | 160 |
| | 2029 | 1.0 | 30 |
| **13** W ◐ | 0257 | 5.6 | 170 |
| | 0913 | 2.3 | 70 |
| | 1450 | 4.9 | 150 |
| | 2119 | 1.3 | 40 |
| **14** Th | 0407 | 5.6 | 170 |
| | 1028 | 2.6 | 80 |
| | 1545 | 4.3 | 130 |
| | 2222 | 1.3 | 40 |
| **15** F | 0536 | 5.2 | 160 |
| | 1200 | 3.0 | 90 |
| | 1704 | 3.9 | 120 |
| | 2340 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0710 | 5.6 | 170 |
| | 1335 | 2.6 | 80 |
| | 1842 | 3.9 | 120 |
| **17** Su | 0101 | 1.3 | 40 |
| | 0823 | 5.9 | 180 |
| | 1447 | 2.6 | 80 |
| | 2002 | 4.3 | 130 |
| **18** M | 0210 | 1.0 | 30 |
| | 0918 | 6.2 | 190 |
| | 1538 | 2.3 | 70 |
| | 2101 | 4.6 | 140 |
| **19** Tu | 0307 | 0.7 | 20 |
| | 1003 | 6.6 | 200 |
| | 1619 | 2.0 | 60 |
| | 2149 | 4.9 | 150 |
| **20** W ○ | 0355 | 0.7 | 20 |
| | 1042 | 6.6 | 200 |
| | 1655 | 1.6 | 50 |
| | 2231 | 5.2 | 160 |
| **21** Th | 0439 | 0.3 | 10 |
| | 1116 | 6.2 | 190 |
| | 1727 | 1.3 | 40 |
| | 2311 | 5.6 | 170 |
| **22** F | 0519 | 0.7 | 20 |
| | 1147 | 6.2 | 190 |
| | 1758 | 1.3 | 40 |
| | 2348 | 5.6 | 170 |
| **23** Sa | 0558 | 0.7 | 20 |
| | 1215 | 5.9 | 180 |
| | 1827 | 1.3 | 40 |
| **24** Su | 0025 | 5.9 | 180 |
| | 0636 | 1.0 | 30 |
| | 1242 | 5.6 | 170 |
| | 1856 | 1.3 | 40 |
| **25** M | 0103 | 5.6 | 170 |
| | 0714 | 1.6 | 50 |
| | 1308 | 5.2 | 160 |
| | 1925 | 1.3 | 40 |
| **26** Tu | 0142 | 5.6 | 170 |
| | 0754 | 2.0 | 60 |
| | 1334 | 4.9 | 150 |
| | 1956 | 1.6 | 50 |
| **27** W | 0226 | 5.2 | 160 |
| | 0839 | 2.6 | 80 |
| | 1403 | 4.6 | 140 |
| | 2031 | 1.6 | 50 |
| **28** Th ◑ | 0319 | 4.9 | 150 |
| | 0935 | 3.0 | 90 |
| | 1436 | 4.3 | 130 |
| | 2116 | 2.0 | 60 |
| **29** F | 0435 | 4.6 | 140 |
| | 1056 | 3.3 | 100 |
| | 1523 | 3.9 | 120 |
| | 2224 | 2.0 | 60 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0613 | 4.6 | 140 |
| | 1239 | 3.3 | 100 |
| | 1655 | 3.6 | 110 |
| | 2354 | 2.0 | 60 |
| **2** Su | 0734 | 4.9 | 150 |
| | 1404 | 3.0 | 90 |
| | 1852 | 3.6 | 110 |
| **3** M | 0113 | 2.0 | 60 |
| | 0828 | 5.2 | 160 |
| | 1454 | 2.6 | 80 |
| | 2004 | 3.9 | 120 |
| **4** Tu | 0211 | 1.6 | 50 |
| | 0909 | 5.6 | 170 |
| | 1530 | 2.3 | 70 |
| | 2052 | 4.3 | 130 |
| **5** W | 0258 | 1.0 | 30 |
| | 0944 | 5.9 | 180 |
| | 1600 | 2.0 | 60 |
| | 2133 | 4.9 | 150 |
| **6** Th | 0339 | 0.7 | 20 |
| | 1016 | 6.2 | 190 |
| | 1629 | 1.6 | 50 |
| | 2212 | 5.2 | 160 |
| **7** F ● | 0419 | 0.7 | 20 |
| | 1046 | 6.2 | 190 |
| | 1658 | 1.0 | 30 |
| | 2251 | 5.6 | 170 |
| **8** Sa | 0459 | 0.3 | 10 |
| | 1118 | 6.2 | 190 |
| | 1729 | 0.7 | 20 |
| | 2331 | 5.9 | 180 |
| **9** Su | 0540 | 0.7 | 20 |
| | 1150 | 5.9 | 180 |
| | 1801 | 0.7 | 20 |
| **10** M | 0012 | 6.2 | 190 |
| | 0624 | 0.7 | 20 |
| | 1223 | 5.6 | 170 |
| | 1835 | 0.3 | 10 |
| **11** Tu | 0056 | 6.2 | 190 |
| | 0711 | 1.3 | 40 |
| | 1259 | 5.2 | 160 |
| | 1913 | 0.7 | 20 |
| **12** W | 0145 | 6.2 | 190 |
| | 0803 | 1.6 | 50 |
| | 1338 | 4.9 | 150 |
| | 1957 | 0.7 | 20 |
| **13** Th | 0242 | 5.9 | 180 |
| | 0906 | 2.3 | 70 |
| | 1423 | 4.6 | 140 |
| | 2050 | 1.0 | 30 |
| **14** F ◐ | 0355 | 5.6 | 170 |
| | 1024 | 2.6 | 80 |
| | 1522 | 3.9 | 120 |
| | 2201 | 1.3 | 40 |
| **15** Sa | 0531 | 5.2 | 160 |
| | 1159 | 2.6 | 80 |
| | 1656 | 3.6 | 110 |
| | 2329 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0704 | 5.2 | 160 |
| | 1329 | 2.6 | 80 |
| | 1846 | 3.9 | 120 |
| **17** M | 0055 | 1.3 | 40 |
| | 0811 | 5.6 | 170 |
| | 1432 | 2.3 | 70 |
| | 2002 | 4.3 | 130 |
| **18** Tu | 0204 | 1.3 | 40 |
| | 0859 | 5.9 | 180 |
| | 1515 | 2.0 | 60 |
| | 2055 | 4.6 | 140 |
| **19** W | 0258 | 1.0 | 30 |
| | 0939 | 5.9 | 180 |
| | 1551 | 1.6 | 50 |
| | 2139 | 5.2 | 160 |
| **20** Th | 0344 | 0.7 | 20 |
| | 1013 | 5.9 | 180 |
| | 1622 | 1.3 | 40 |
| | 2217 | 5.6 | 170 |
| **21** F ○ | 0426 | 0.7 | 20 |
| | 1043 | 5.6 | 170 |
| | 1651 | 1.0 | 30 |
| | 2253 | 5.9 | 180 |
| **22** Sa | 0504 | 1.0 | 30 |
| | 1111 | 5.6 | 170 |
| | 1719 | 1.0 | 30 |
| | 2328 | 5.9 | 180 |
| **23** Su | 0541 | 1.0 | 30 |
| | 1137 | 5.2 | 160 |
| | 1747 | 1.0 | 30 |
| **24** M | 0003 | 5.9 | 180 |
| | 0617 | 1.3 | 40 |
| | 1203 | 4.9 | 150 |
| | 1814 | 1.0 | 30 |
| **25** Tu | 0038 | 5.9 | 180 |
| | 0653 | 1.6 | 50 |
| | 1228 | 4.6 | 140 |
| | 1841 | 1.0 | 30 |
| **26** W | 0115 | 5.6 | 170 |
| | 0731 | 2.0 | 60 |
| | 1256 | 4.6 | 140 |
| | 1910 | 1.3 | 40 |
| **27** Th | 0155 | 5.2 | 160 |
| | 0814 | 2.3 | 70 |
| | 1326 | 4.3 | 130 |
| | 1943 | 1.3 | 40 |
| **28** F | 0244 | 4.9 | 150 |
| | 0908 | 2.6 | 80 |
| | 1401 | 3.9 | 120 |
| | 2027 | 1.6 | 50 |
| **29** Sa ◑ | 0349 | 4.9 | 150 |
| | 1020 | 3.0 | 90 |
| | 1451 | 3.6 | 110 |
| | 2132 | 2.0 | 60 |
| **30** Su | 0518 | 4.6 | 140 |
| | 1148 | 3.0 | 90 |
| | 1617 | 3.6 | 110 |
| | 2303 | 2.0 | 60 |
| **31** M | 0641 | 4.9 | 150 |
| | 1308 | 2.6 | 80 |
| | 1816 | 3.6 | 110 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Harrington Harbour, Quebec, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0030 | 2.0 | 60 |
| | 0739 | 4.9 | 150 |
| | 1402 | 2.3 | 70 |
| | 1933 | 3.9 | 120 |
| **2** W | 0136 | 1.6 | 50 |
| | 0822 | 5.2 | 160 |
| | 1440 | 2.0 | 60 |
| | 2024 | 4.6 | 140 |
| **3** Th | 0229 | 1.3 | 40 |
| | 0859 | 5.6 | 170 |
| | 1513 | 1.6 | 50 |
| | 2108 | 5.2 | 160 |
| **4** F | 0315 | 1.0 | 30 |
| | 0933 | 5.6 | 170 |
| | 1544 | 1.0 | 30 |
| | 2149 | 5.6 | 170 |
| **5** Sa ● | 0359 | 0.7 | 20 |
| | 1007 | 5.6 | 170 |
| | 1616 | 0.7 | 20 |
| | 2230 | 6.2 | 190 |
| **6** Su | 0443 | 0.7 | 20 |
| | 1042 | 5.6 | 170 |
| | 1650 | 0.3 | 10 |
| | 2312 | 6.6 | 200 |
| **7** M | 0527 | 0.7 | 20 |
| | 1118 | 5.6 | 170 |
| | 1726 | 0.0 | 0 |
| | 2356 | 6.6 | 200 |
| **8** Tu | 0614 | 1.0 | 30 |
| | 1156 | 5.2 | 160 |
| | 1805 | 0.0 | 0 |
| **9** W | 0043 | 6.6 | 200 |
| | 0705 | 1.3 | 40 |
| | 1237 | 4.9 | 150 |
| | 1847 | 0.3 | 10 |
| **10** Th | 0135 | 6.2 | 190 |
| | 0801 | 1.6 | 50 |
| | 1321 | 4.6 | 140 |
| | 1936 | 0.7 | 20 |
| **11** F | 0236 | 5.9 | 180 |
| | 0906 | 2.3 | 70 |
| | 1413 | 4.3 | 130 |
| | 2036 | 1.0 | 30 |
| **12** Sa ◐ | 0352 | 5.6 | 170 |
| | 1023 | 2.3 | 70 |
| | 1522 | 3.9 | 120 |
| | 2152 | 1.3 | 40 |
| **13** Su | 0520 | 5.2 | 160 |
| | 1145 | 2.6 | 80 |
| | 1702 | 3.6 | 110 |
| | 2320 | 1.6 | 50 |
| **14** M | 0639 | 5.2 | 160 |
| | 1259 | 2.3 | 70 |
| | 1842 | 3.9 | 120 |
| **15** Tu | 0043 | 1.6 | 50 |
| | 0739 | 5.2 | 160 |
| | 1354 | 2.0 | 60 |
| | 1950 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0150 | 1.6 | 50 |
| | 0825 | 5.2 | 160 |
| | 1436 | 1.6 | 50 |
| | 2040 | 4.9 | 150 |
| **17** Th | 0245 | 1.3 | 40 |
| | 0903 | 5.2 | 160 |
| | 1511 | 1.3 | 40 |
| | 2121 | 5.2 | 160 |
| **18** F | 0331 | 1.3 | 40 |
| | 0936 | 4.9 | 150 |
| | 1543 | 1.0 | 30 |
| | 2159 | 5.6 | 170 |
| **19** Sa | 0412 | 1.3 | 40 |
| | 1006 | 4.9 | 150 |
| | 1613 | 1.0 | 30 |
| | 2235 | 5.9 | 180 |
| **20** Su ○ | 0450 | 1.3 | 40 |
| | 1035 | 4.9 | 150 |
| | 1642 | 1.0 | 30 |
| | 2309 | 5.9 | 180 |
| **21** M | 0526 | 1.6 | 50 |
| | 1102 | 4.6 | 140 |
| | 1710 | 1.0 | 30 |
| | 2344 | 5.9 | 180 |
| **22** Tu | 0602 | 1.6 | 50 |
| | 1130 | 4.6 | 140 |
| | 1738 | 1.0 | 30 |
| **23** W | 0019 | 5.9 | 180 |
| | 0639 | 2.0 | 60 |
| | 1159 | 4.6 | 140 |
| | 1807 | 1.0 | 30 |
| **24** Th | 0055 | 5.6 | 170 |
| | 0718 | 2.3 | 70 |
| | 1231 | 4.3 | 130 |
| | 1839 | 1.3 | 40 |
| **25** F | 0135 | 5.6 | 170 |
| | 0801 | 2.3 | 70 |
| | 1306 | 4.3 | 130 |
| | 1915 | 1.3 | 40 |
| **26** Sa | 0222 | 5.2 | 160 |
| | 0853 | 2.6 | 80 |
| | 1347 | 3.9 | 120 |
| | 2001 | 1.6 | 50 |
| **27** Su | 0319 | 4.9 | 150 |
| | 0953 | 2.6 | 80 |
| | 1442 | 3.9 | 120 |
| | 2103 | 2.0 | 60 |
| **28** M ◑ | 0429 | 4.9 | 150 |
| | 1059 | 2.6 | 80 |
| | 1601 | 3.6 | 110 |
| | 2223 | 2.0 | 60 |
| **29** Tu | 0539 | 4.9 | 150 |
| | 1204 | 2.3 | 70 |
| | 1738 | 3.9 | 120 |
| | 2346 | 2.0 | 60 |
| **30** W | 0638 | 4.9 | 150 |
| | 1257 | 2.3 | 70 |
| | 1855 | 4.3 | 130 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0057 | 1.6 | 50 |
| | 0726 | 4.9 | 150 |
| | 1341 | 1.6 | 50 |
| | 1951 | 4.9 | 150 |
| **2** F | 0157 | 1.6 | 50 |
| | 0808 | 5.2 | 160 |
| | 1420 | 1.3 | 40 |
| | 2039 | 5.6 | 170 |
| **3** Sa | 0250 | 1.3 | 40 |
| | 0849 | 5.2 | 160 |
| | 1458 | 0.7 | 20 |
| | 2125 | 6.2 | 190 |
| **4** Su | 0340 | 1.0 | 30 |
| | 0929 | 5.2 | 160 |
| | 1537 | 0.3 | 10 |
| | 2210 | 6.6 | 200 |
| **5** M ● | 0429 | 1.0 | 30 |
| | 1010 | 5.2 | 160 |
| | 1617 | 0.0 | 0 |
| | 2256 | 6.9 | 210 |
| **6** Tu | 0517 | 1.0 | 30 |
| | 1053 | 4.9 | 150 |
| | 1659 | 0.0 | 0 |
| | 2344 | 6.9 | 210 |
| **7** W | 0608 | 1.3 | 40 |
| | 1137 | 4.9 | 150 |
| | 1744 | 0.0 | 0 |
| **8** Th | 0036 | 6.9 | 210 |
| | 0702 | 1.6 | 50 |
| | 1224 | 4.6 | 140 |
| | 1833 | 0.3 | 10 |
| **9** F | 0131 | 6.6 | 200 |
| | 0759 | 2.0 | 60 |
| | 1314 | 4.6 | 140 |
| | 1927 | 0.7 | 20 |
| **10** Sa | 0232 | 6.2 | 190 |
| | 0901 | 2.0 | 60 |
| | 1412 | 4.3 | 130 |
| | 2029 | 1.0 | 30 |
| **11** Su ◐ | 0339 | 5.6 | 170 |
| | 1006 | 2.3 | 70 |
| | 1523 | 3.9 | 120 |
| | 2141 | 1.6 | 50 |
| **12** M | 0450 | 5.2 | 160 |
| | 1110 | 2.3 | 70 |
| | 1650 | 4.3 | 130 |
| | 2301 | 1.6 | 50 |
| **13** Tu | 0555 | 5.2 | 160 |
| | 1210 | 2.0 | 60 |
| | 1816 | 4.3 | 130 |
| **14** W | 0019 | 2.0 | 60 |
| | 0652 | 4.9 | 150 |
| | 1302 | 2.0 | 60 |
| | 1923 | 4.9 | 150 |
| **15** Th | 0128 | 2.0 | 60 |
| | 0739 | 4.6 | 140 |
| | 1347 | 1.6 | 50 |
| | 2015 | 5.2 | 160 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0225 | 2.0 | 60 |
| | 0820 | 4.6 | 140 |
| | 1428 | 1.3 | 40 |
| | 2059 | 5.6 | 170 |
| **17** Sa | 0314 | 2.0 | 60 |
| | 0857 | 4.6 | 140 |
| | 1504 | 1.3 | 40 |
| | 2140 | 5.9 | 180 |
| **18** Su | 0357 | 2.0 | 60 |
| | 0931 | 4.6 | 140 |
| | 1538 | 1.0 | 30 |
| | 2217 | 5.9 | 180 |
| **19** M ○ | 0437 | 2.0 | 60 |
| | 1003 | 4.3 | 130 |
| | 1611 | 1.0 | 30 |
| | 2254 | 5.9 | 180 |
| **20** Tu | 0514 | 2.0 | 60 |
| | 1035 | 4.3 | 130 |
| | 1642 | 1.0 | 30 |
| | 2329 | 5.9 | 180 |
| **21** W | 0551 | 2.0 | 60 |
| | 1107 | 4.3 | 130 |
| | 1713 | 1.0 | 30 |
| **22** Th | 0005 | 5.9 | 180 |
| | 0629 | 2.0 | 60 |
| | 1141 | 4.3 | 130 |
| | 1746 | 1.0 | 30 |
| **23** F | 0042 | 5.9 | 180 |
| | 0708 | 2.3 | 70 |
| | 1217 | 4.3 | 130 |
| | 1821 | 1.3 | 40 |
| **24** Sa | 0121 | 5.6 | 170 |
| | 0749 | 2.3 | 70 |
| | 1256 | 4.3 | 130 |
| | 1901 | 1.3 | 40 |
| **25** Su | 0204 | 5.6 | 170 |
| | 0834 | 2.3 | 70 |
| | 1340 | 4.3 | 130 |
| | 1947 | 1.6 | 50 |
| **26** M | 0252 | 5.2 | 160 |
| | 0923 | 2.3 | 70 |
| | 1434 | 3.9 | 120 |
| | 2044 | 1.6 | 50 |
| **27** Tu ◑ | 0345 | 5.2 | 160 |
| | 1014 | 2.3 | 70 |
| | 1541 | 4.3 | 130 |
| | 2151 | 2.0 | 60 |
| **28** W | 0440 | 4.9 | 150 |
| | 1105 | 2.0 | 60 |
| | 1659 | 4.3 | 130 |
| | 2306 | 2.0 | 60 |
| **29** Th | 0535 | 4.9 | 150 |
| | 1156 | 2.0 | 60 |
| | 1814 | 4.6 | 140 |
| **30** F | 0020 | 2.0 | 60 |
| | 0628 | 4.9 | 150 |
| | 1244 | 1.6 | 50 |
| | 1917 | 5.2 | 160 |
| **31** Sa | 0127 | 2.0 | 60 |
| | 0719 | 4.9 | 150 |
| | 1331 | 1.0 | 30 |
| | 2012 | 5.9 | 180 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0228 | 1.6 | 50 |
| | 0808 | 4.9 | 150 |
| | 1419 | 0.7 | 20 |
| | 2104 | 6.2 | 190 |
| **2** M | 0325 | 1.6 | 50 |
| | 0857 | 4.9 | 150 |
| | 1506 | 0.3 | 10 |
| | 2155 | 6.9 | 210 |
| **3** Tu ● | 0418 | 1.6 | 50 |
| | 0947 | 4.9 | 150 |
| | 1554 | 0.3 | 10 |
| | 2246 | 6.9 | 210 |
| **4** W | 0511 | 1.6 | 50 |
| | 1036 | 4.9 | 150 |
| | 1643 | 0.0 | 0 |
| | 2338 | 6.9 | 210 |
| **5** Th | 0603 | 1.6 | 50 |
| | 1125 | 4.9 | 150 |
| | 1733 | 0.0 | 0 |
| **6** F | 0031 | 6.9 | 210 |
| | 0656 | 1.6 | 50 |
| | 1215 | 4.9 | 150 |
| | 1824 | 0.3 | 10 |
| **7** Sa | 0124 | 6.6 | 200 |
| | 0748 | 1.6 | 50 |
| | 1308 | 4.6 | 140 |
| | 1919 | 0.7 | 20 |
| **8** Su | 0217 | 6.2 | 190 |
| | 0840 | 2.0 | 60 |
| | 1404 | 4.6 | 140 |
| | 2017 | 1.0 | 30 |
| **9** M | 0311 | 5.9 | 180 |
| | 0932 | 2.0 | 60 |
| | 1507 | 4.6 | 140 |
| | 2121 | 1.6 | 50 |
| **10** Tu ◐ | 0405 | 5.2 | 160 |
| | 1023 | 2.0 | 60 |
| | 1619 | 4.6 | 140 |
| | 2231 | 2.0 | 60 |
| **11** W | 0459 | 4.9 | 150 |
| | 1115 | 2.0 | 60 |
| | 1734 | 4.6 | 140 |
| | 2344 | 2.3 | 70 |
| **12** Th | 0552 | 4.6 | 140 |
| | 1206 | 2.0 | 60 |
| | 1845 | 4.9 | 150 |
| **13** F | 0056 | 2.3 | 70 |
| | 0644 | 4.3 | 130 |
| | 1257 | 1.6 | 50 |
| | 1945 | 5.2 | 160 |
| **14** Sa | 0201 | 2.3 | 70 |
| | 0733 | 4.3 | 130 |
| | 1345 | 1.6 | 50 |
| | 2036 | 5.6 | 170 |
| **15** Su | 0256 | 2.3 | 70 |
| | 0818 | 4.3 | 130 |
| | 1430 | 1.3 | 40 |
| | 2122 | 5.6 | 170 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0343 | 2.3 | 70 |
| | 0859 | 4.3 | 130 |
| | 1510 | 1.3 | 40 |
| | 2203 | 5.9 | 180 |
| **17** Tu | 0424 | 2.3 | 70 |
| | 0938 | 4.3 | 130 |
| | 1547 | 1.3 | 40 |
| | 2241 | 5.9 | 180 |
| **18** W ○ | 0503 | 2.3 | 70 |
| | 1015 | 4.3 | 130 |
| | 1622 | 1.0 | 30 |
| | 2317 | 5.9 | 180 |
| **19** Th | 0539 | 2.3 | 70 |
| | 1051 | 4.6 | 140 |
| | 1657 | 1.0 | 30 |
| | 2353 | 5.9 | 180 |
| **20** F | 0615 | 2.3 | 70 |
| | 1128 | 4.6 | 140 |
| | 1732 | 1.0 | 30 |
| **21** Sa | 0028 | 5.9 | 180 |
| | 0651 | 2.3 | 70 |
| | 1205 | 4.6 | 140 |
| | 1810 | 1.0 | 30 |
| **22** Su | 0104 | 5.9 | 180 |
| | 0728 | 2.0 | 60 |
| | 1245 | 4.6 | 140 |
| | 1850 | 1.3 | 40 |
| **23** M | 0141 | 5.9 | 180 |
| | 0806 | 2.0 | 60 |
| | 1329 | 4.6 | 140 |
| | 1934 | 1.3 | 40 |
| **24** Tu | 0220 | 5.6 | 170 |
| | 0845 | 2.0 | 60 |
| | 1419 | 4.6 | 140 |
| | 2025 | 1.6 | 50 |
| **25** W | 0302 | 5.2 | 160 |
| | 0927 | 2.0 | 60 |
| | 1517 | 4.6 | 140 |
| | 2124 | 2.0 | 60 |
| **26** Th ◑ | 0347 | 5.2 | 160 |
| | 1013 | 1.6 | 50 |
| | 1624 | 4.9 | 150 |
| | 2233 | 2.3 | 70 |
| **27** F | 0438 | 4.9 | 150 |
| | 1102 | 1.6 | 50 |
| | 1737 | 5.2 | 160 |
| | 2348 | 2.3 | 70 |
| **28** Sa | 0535 | 4.6 | 140 |
| | 1157 | 1.3 | 40 |
| | 1847 | 5.6 | 170 |
| **29** Su | 0104 | 2.3 | 70 |
| | 0637 | 4.6 | 140 |
| | 1254 | 1.3 | 40 |
| | 1952 | 5.9 | 180 |
| **30** M | 0213 | 2.3 | 70 |
| | 0739 | 4.6 | 140 |
| | 1352 | 1.0 | 30 |
| | 2052 | 6.2 | 190 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Harrington Harbour, Quebec, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0316 | 2.0 | 60 | **16** W | 0409 | 2.6 | 80 |
| | 0838 | 4.6 | 140 | | 0919 | 4.3 | 130 |
| | 1448 | 0.7 | 20 | | 1529 | 1.3 | 40 |
| | 2148 | 6.6 | 200 | | 2225 | 5.9 | 180 |
| **2** W ● | 0412 | 2.0 | 60 | **17** Th | 0445 | 2.3 | 70 |
| | 0933 | 4.9 | 150 | | 0959 | 4.6 | 140 |
| | 1542 | 0.3 | 10 | | 1607 | 1.0 | 30 |
| | 2241 | 6.9 | 210 | | 2300 | 6.2 | 190 |
| **3** Th | 0504 | 1.6 | 50 | **18** F ○ | 0519 | 2.3 | 70 |
| | 1026 | 4.9 | 150 | | 1036 | 4.6 | 140 |
| | 1634 | 0.0 | 0 | | 1643 | 1.0 | 30 |
| | 2331 | 6.9 | 210 | | 2333 | 6.2 | 190 |
| **4** F | 0553 | 1.6 | 50 | **19** Sa | 0551 | 2.0 | 60 |
| | 1116 | 4.9 | 150 | | 1113 | 4.9 | 150 |
| | 1725 | 0.3 | 10 | | 1719 | 1.0 | 30 |
| **5** Sa | 0019 | 6.9 | 210 | **20** Su | 0006 | 6.2 | 190 |
| | 0639 | 1.6 | 50 | | 0623 | 2.0 | 60 |
| | 1205 | 5.2 | 160 | | 1150 | 4.9 | 150 |
| | 1815 | 0.3 | 10 | | 1756 | 1.0 | 30 |
| **6** Su | 0105 | 6.6 | 200 | **21** M | 0038 | 6.2 | 190 |
| | 0723 | 1.6 | 50 | | 0655 | 2.0 | 60 |
| | 1254 | 5.2 | 160 | | 1229 | 4.9 | 150 |
| | 1905 | 0.7 | 20 | | 1835 | 1.0 | 30 |
| **7** M | 0148 | 6.2 | 190 | **22** Tu | 0110 | 5.9 | 180 |
| | 0805 | 1.6 | 50 | | 0728 | 1.6 | 50 |
| | 1344 | 5.2 | 160 | | 1311 | 5.2 | 160 |
| | 1956 | 1.3 | 40 | | 1917 | 1.3 | 40 |
| **8** Tu | 0230 | 5.6 | 170 | **23** W | 0144 | 5.6 | 170 |
| | 0847 | 1.6 | 50 | | 0803 | 1.6 | 50 |
| | 1438 | 4.9 | 150 | | 1357 | 5.2 | 160 |
| | 2052 | 1.6 | 50 | | 2005 | 1.6 | 50 |
| **9** W | 0311 | 5.2 | 160 | **24** Th | 0220 | 5.2 | 160 |
| | 0931 | 1.6 | 50 | | 0841 | 1.6 | 50 |
| | 1537 | 4.9 | 150 | | 1450 | 5.2 | 160 |
| | 2153 | 2.3 | 70 | | 2101 | 2.0 | 60 |
| **10** Th ◐ | 0355 | 4.6 | 140 | **25** F ◑ | 0301 | 4.9 | 150 |
| | 1017 | 2.0 | 60 | | 0926 | 1.6 | 50 |
| | 1646 | 4.9 | 150 | | 1553 | 5.2 | 160 |
| | 2302 | 2.6 | 80 | | 2209 | 2.3 | 70 |
| **11** F | 0444 | 4.3 | 130 | **26** Sa | 0350 | 4.6 | 140 |
| | 1110 | 2.0 | 60 | | 1019 | 1.6 | 50 |
| | 1802 | 4.9 | 150 | | 1709 | 5.2 | 160 |
| | | | | | 2328 | 2.6 | 80 |
| **12** Sa | 0018 | 2.6 | 80 | **27** Su | 0453 | 4.3 | 130 |
| | 0541 | 3.9 | 120 | | 1122 | 1.3 | 40 |
| | 1208 | 2.0 | 60 | | 1830 | 5.6 | 170 |
| | 1914 | 5.2 | 160 | | | | |
| **13** Su | 0133 | 3.0 | 90 | **28** M | 0052 | 2.6 | 80 |
| | 0643 | 3.9 | 120 | | 0610 | 4.3 | 130 |
| | 1307 | 2.0 | 60 | | 1232 | 1.3 | 40 |
| | 2015 | 5.2 | 160 | | 1946 | 5.9 | 180 |
| **14** M | 0237 | 2.6 | 80 | **29** Tu | 0208 | 2.6 | 80 |
| | 0743 | 3.9 | 120 | | 0726 | 4.3 | 130 |
| | 1401 | 1.6 | 50 | | 1341 | 1.0 | 30 |
| | 2105 | 5.6 | 170 | | 2049 | 6.2 | 190 |
| **15** Tu | 0328 | 2.6 | 80 | **30** W | 0312 | 2.3 | 70 |
| | 0835 | 4.3 | 130 | | 0832 | 4.6 | 140 |
| | 1448 | 1.6 | 50 | | 1442 | 0.7 | 20 |
| | 2148 | 5.9 | 180 | | 2144 | 6.6 | 200 |
| | | | | **31** Th | 0405 | 2.0 | 60 |
| | | | | | 0928 | 4.9 | 150 |
| | | | | | 1537 | 0.3 | 10 |
| | | | | | 2233 | 6.9 | 210 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F ● | 0450 | 1.6 | 50 | **16** Sa ○ | 0447 | 2.0 | 60 |
| | 1018 | 5.2 | 160 | | 1017 | 4.9 | 150 |
| | 1627 | 0.3 | 10 | | 1625 | 1.0 | 30 |
| | 2316 | 6.9 | 210 | | 2303 | 6.2 | 190 |
| **2** Sa | 0531 | 1.6 | 50 | **17** Su | 0516 | 1.6 | 50 |
| | 1105 | 5.2 | 160 | | 1054 | 5.2 | 160 |
| | 1714 | 0.3 | 10 | | 1701 | 1.0 | 30 |
| | 2357 | 6.6 | 200 | | 2333 | 6.2 | 190 |
| **3** Su | 0610 | 1.3 | 40 | **18** M | 0545 | 1.6 | 50 |
| | 1149 | 5.6 | 170 | | 1131 | 5.6 | 170 |
| | 1759 | 0.7 | 20 | | 1739 | 1.0 | 30 |
| **4** M | 0034 | 6.2 | 190 | **19** Tu | 0003 | 5.9 | 180 |
| | 0646 | 1.3 | 40 | | 0615 | 1.3 | 40 |
| | 1233 | 5.6 | 170 | | 1210 | 5.6 | 170 |
| | 1845 | 1.0 | 30 | | 1818 | 1.0 | 30 |
| **5** Tu | 0109 | 5.9 | 180 | **20** W | 0034 | 5.9 | 180 |
| | 0722 | 1.3 | 40 | | 0646 | 1.3 | 40 |
| | 1317 | 5.6 | 170 | | 1251 | 5.9 | 180 |
| | 1931 | 1.3 | 40 | | 1901 | 1.3 | 40 |
| **6** W | 0143 | 5.2 | 160 | **21** Th | 0106 | 5.6 | 170 |
| | 0758 | 1.6 | 50 | | 0721 | 1.3 | 40 |
| | 1403 | 5.6 | 170 | | 1336 | 5.9 | 180 |
| | 2019 | 2.0 | 60 | | 1949 | 1.6 | 50 |
| **7** Th | 0216 | 4.9 | 150 | **22** F | 0142 | 5.2 | 160 |
| | 0835 | 1.6 | 50 | | 0759 | 1.3 | 40 |
| | 1455 | 5.2 | 160 | | 1428 | 5.6 | 170 |
| | 2113 | 2.3 | 70 | | 2046 | 2.3 | 70 |
| **8** F ◐ | 0251 | 4.6 | 140 | **23** Sa ◑ | 0224 | 4.9 | 150 |
| | 0918 | 2.0 | 60 | | 0846 | 1.3 | 40 |
| | 1557 | 4.9 | 150 | | 1532 | 5.6 | 170 |
| | 2217 | 3.0 | 90 | | 2156 | 2.6 | 80 |
| **9** Sa | 0332 | 4.3 | 130 | **24** Su | 0316 | 4.6 | 140 |
| | 1011 | 2.0 | 60 | | 0947 | 1.6 | 50 |
| | 1716 | 4.9 | 150 | | 1655 | 5.2 | 160 |
| | 2336 | 3.0 | 90 | | 2322 | 3.0 | 90 |
| **10** Su | 0430 | 3.9 | 120 | **25** M | 0429 | 4.3 | 130 |
| | 1118 | 2.3 | 70 | | 1104 | 1.6 | 50 |
| | 1843 | 4.9 | 150 | | 1829 | 5.6 | 170 |
| **11** M | 0103 | 3.0 | 90 | **26** Tu | 0052 | 2.6 | 80 |
| | 0554 | 3.9 | 120 | | 0605 | 3.9 | 120 |
| | 1232 | 2.0 | 60 | | 1226 | 1.6 | 50 |
| | 1953 | 5.2 | 160 | | 1946 | 5.9 | 180 |
| **12** Tu | 0215 | 3.0 | 90 | **27** W | 0208 | 2.6 | 80 |
| | 0716 | 3.9 | 120 | | 0730 | 4.3 | 130 |
| | 1336 | 2.0 | 60 | | 1339 | 1.3 | 40 |
| | 2044 | 5.6 | 170 | | 2045 | 6.2 | 190 |
| **13** W | 0306 | 2.6 | 80 | **28** Th | 0304 | 2.3 | 70 |
| | 0816 | 4.3 | 130 | | 0833 | 4.6 | 140 |
| | 1428 | 1.6 | 50 | | 1439 | 1.0 | 30 |
| | 2125 | 5.6 | 170 | | 2133 | 6.2 | 190 |
| **14** Th | 0345 | 2.6 | 80 | **29** F | 0348 | 2.0 | 60 |
| | 0901 | 4.6 | 140 | | 0924 | 5.2 | 160 |
| | 1511 | 1.3 | 40 | | 1531 | 0.7 | 20 |
| | 2201 | 5.9 | 180 | | 2214 | 6.6 | 200 |
| **15** F | 0417 | 2.3 | 70 | **30** Sa ● | 0426 | 1.6 | 50 |
| | 0941 | 4.6 | 140 | | 1009 | 5.6 | 170 |
| | 1549 | 1.0 | 30 | | 1617 | 0.7 | 20 |
| | 2233 | 5.9 | 180 | | 2251 | 6.2 | 190 |
| | | | | **31** Su | 0501 | 1.3 | 40 |
| | | | | | 1050 | 5.9 | 180 |
| | | | | | 1701 | 0.7 | 20 |
| | | | | | 2325 | 6.2 | 190 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0533 | 1.3 | 40 | **16** Tu | 0503 | 1.0 | 30 |
| | 1130 | 5.9 | 180 | | 1110 | 6.2 | 190 |
| | 1743 | 1.0 | 30 | | 1721 | 1.0 | 30 |
| | 2357 | 5.9 | 180 | | 2326 | 5.9 | 180 |
| **2** Tu | 0605 | 1.3 | 40 | **17** W | 0534 | 1.0 | 30 |
| | 1209 | 5.9 | 180 | | 1149 | 6.2 | 190 |
| | 1824 | 1.3 | 40 | | 1803 | 1.3 | 40 |
| | | | | | 2359 | 5.6 | 170 |
| **3** W | 0027 | 5.2 | 160 | **18** Th | 0607 | 1.0 | 30 |
| | 0637 | 1.3 | 40 | | 1231 | 6.2 | 190 |
| | 1249 | 5.9 | 180 | | 1848 | 1.6 | 50 |
| | 1905 | 1.6 | 50 | | | | |
| **4** Th | 0056 | 4.9 | 150 | **19** F | 0035 | 5.2 | 160 |
| | 0708 | 1.3 | 40 | | 0645 | 1.0 | 30 |
| | 1330 | 5.6 | 170 | | 1318 | 6.2 | 190 |
| | 1949 | 2.0 | 60 | | 1939 | 2.0 | 60 |
| **5** F | 0125 | 4.6 | 140 | **20** Sa | 0114 | 4.9 | 150 |
| | 0742 | 1.6 | 50 | | 0727 | 1.0 | 30 |
| | 1417 | 5.2 | 160 | | 1413 | 5.9 | 180 |
| | 2038 | 2.6 | 80 | | 2040 | 2.3 | 70 |
| **6** Sa | 0156 | 4.3 | 130 | **21** Su | 0159 | 4.6 | 140 |
| | 0821 | 2.0 | 60 | | 0820 | 1.3 | 40 |
| | 1513 | 5.2 | 160 | | 1523 | 5.6 | 170 |
| | 2138 | 3.0 | 90 | | 2155 | 2.6 | 80 |
| **7** Su ◐ | 0234 | 4.3 | 130 | **22** M ◑ | 0259 | 4.3 | 130 |
| | 0912 | 2.0 | 60 | | 0930 | 1.6 | 50 |
| | 1630 | 4.9 | 150 | | 1654 | 5.6 | 170 |
| | 2257 | 3.3 | 100 | | 2324 | 3.0 | 90 |
| **8** M | 0329 | 3.9 | 120 | **23** Tu | 0429 | 3.9 | 120 |
| | 1025 | 2.3 | 70 | | 1058 | 1.6 | 50 |
| | 1804 | 4.9 | 150 | | 1827 | 5.6 | 170 |
| **9** Tu | 0028 | 3.3 | 100 | **24** W | 0049 | 2.6 | 80 |
| | 0508 | 3.6 | 110 | | 0616 | 4.3 | 130 |
| | 1153 | 2.3 | 70 | | 1225 | 1.6 | 50 |
| | 1920 | 4.9 | 150 | | 1936 | 5.9 | 180 |
| **10** W | 0143 | 3.0 | 90 | **25** Th | 0154 | 2.3 | 70 |
| | 0651 | 3.9 | 120 | | 0734 | 4.6 | 140 |
| | 1307 | 2.0 | 60 | | 1336 | 1.3 | 40 |
| | 2012 | 5.2 | 160 | | 2028 | 5.9 | 180 |
| **11** Th | 0232 | 2.6 | 80 | **26** F | 0241 | 2.0 | 60 |
| | 0755 | 4.3 | 130 | | 0829 | 4.9 | 150 |
| | 1403 | 1.6 | 50 | | 1433 | 1.3 | 40 |
| | 2051 | 5.6 | 170 | | 2110 | 5.9 | 180 |
| **12** F | 0308 | 2.3 | 70 | **27** Sa | 0320 | 1.6 | 50 |
| | 0840 | 4.6 | 140 | | 0915 | 5.6 | 170 |
| | 1447 | 1.3 | 40 | | 1522 | 1.0 | 30 |
| | 2125 | 5.9 | 180 | | 2146 | 5.9 | 180 |
| **13** Sa | 0338 | 2.0 | 60 | **28** Su | 0354 | 1.3 | 40 |
| | 0919 | 4.9 | 150 | | 0955 | 5.9 | 180 |
| | 1526 | 1.3 | 40 | | 1606 | 1.0 | 30 |
| | 2156 | 5.9 | 180 | | 2220 | 5.9 | 180 |
| **14** Su | 0407 | 1.6 | 50 | **29** M ● | 0425 | 1.3 | 40 |
| | 0955 | 5.6 | 170 | | 1033 | 6.2 | 190 |
| | 1604 | 1.0 | 30 | | 1647 | 1.0 | 30 |
| | 2226 | 5.9 | 180 | | 2250 | 5.6 | 170 |
| **15** M ○ | 0435 | 1.3 | 40 | **30** Tu | 0456 | 1.0 | 30 |
| | 1032 | 5.9 | 180 | | 1110 | 6.2 | 190 |
| | 1642 | 1.0 | 30 | | 1726 | 1.3 | 40 |
| | 2255 | 5.9 | 180 | | 2319 | 5.2 | 160 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Harrington Harbour, Quebec, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0526 | 1.0 | 30 |
| | 1147 | 6.2 | 190 |
| | 1805 | 1.6 | 50 |
| | 2348 | 4.9 | 150 |
| **2** Th | 0556 | 1.3 | 40 |
| | 1224 | 6.2 | 190 |
| | 1844 | 2.0 | 60 |
| **3** F | 0016 | 4.9 | 150 |
| | 0626 | 1.3 | 40 |
| | 1303 | 5.9 | 180 |
| | 1925 | 2.3 | 70 |
| **4** Sa | 0045 | 4.6 | 140 |
| | 0658 | 1.6 | 50 |
| | 1347 | 5.6 | 170 |
| | 2012 | 2.6 | 80 |
| **5** Su | 0118 | 4.3 | 130 |
| | 0734 | 2.0 | 60 |
| | 1438 | 5.2 | 160 |
| | 2109 | 3.0 | 90 |
| **6** M | 0157 | 4.3 | 130 |
| | 0822 | 2.3 | 70 |
| | 1547 | 4.9 | 150 |
| | 2221 | 3.3 | 100 |
| **7** Tu ◐ | 0254 | 3.9 | 120 |
| | 0933 | 2.3 | 70 |
| | 1713 | 4.9 | 150 |
| | 2341 | 3.3 | 100 |
| **8** W | 0430 | 3.9 | 120 |
| | 1106 | 2.6 | 80 |
| | 1829 | 4.9 | 150 |
| **9** Th | 0051 | 3.0 | 90 |
| | 0617 | 3.9 | 120 |
| | 1227 | 2.3 | 70 |
| | 1924 | 5.2 | 160 |
| **10** F | 0141 | 2.6 | 80 |
| | 0724 | 4.3 | 130 |
| | 1328 | 2.0 | 60 |
| | 2005 | 5.2 | 160 |
| **11** Sa | 0219 | 2.3 | 70 |
| | 0811 | 4.9 | 150 |
| | 1417 | 1.6 | 50 |
| | 2040 | 5.6 | 170 |
| **12** Su | 0251 | 2.0 | 60 |
| | 0852 | 5.2 | 160 |
| | 1501 | 1.3 | 40 |
| | 2113 | 5.6 | 170 |
| **13** M | 0321 | 1.6 | 50 |
| | 0931 | 5.9 | 180 |
| | 1542 | 1.3 | 40 |
| | 2145 | 5.6 | 170 |
| **14** Tu ○ | 0352 | 1.0 | 30 |
| | 1009 | 6.2 | 190 |
| | 1624 | 1.3 | 40 |
| | 2218 | 5.6 | 170 |
| **15** W | 0424 | 0.7 | 20 |
| | 1049 | 6.6 | 200 |
| | 1706 | 1.3 | 40 |
| | 2254 | 5.6 | 170 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0459 | 0.7 | 20 |
| | 1132 | 6.9 | 210 |
| | 1752 | 1.3 | 40 |
| | 2331 | 5.2 | 160 |
| **17** F | 0538 | 0.7 | 20 |
| | 1217 | 6.9 | 210 |
| | 1840 | 1.6 | 50 |
| **18** Sa | 0012 | 5.2 | 160 |
| | 0620 | 0.7 | 20 |
| | 1308 | 6.6 | 200 |
| | 1935 | 2.0 | 60 |
| **19** Su | 0057 | 4.9 | 150 |
| | 0709 | 1.0 | 30 |
| | 1408 | 6.2 | 190 |
| | 2039 | 2.3 | 70 |
| **20** M | 0150 | 4.6 | 140 |
| | 0808 | 1.3 | 40 |
| | 1520 | 5.9 | 180 |
| | 2153 | 2.6 | 80 |
| **21** Tu ◑ | 0259 | 4.3 | 130 |
| | 0923 | 1.6 | 50 |
| | 1645 | 5.6 | 170 |
| | 2311 | 2.6 | 80 |
| **22** W | 0434 | 4.3 | 130 |
| | 1050 | 2.0 | 60 |
| | 1805 | 5.6 | 170 |
| **23** Th | 0023 | 2.6 | 80 |
| | 0612 | 4.6 | 140 |
| | 1214 | 2.0 | 60 |
| | 1907 | 5.6 | 170 |
| **24** F | 0120 | 2.3 | 70 |
| | 0723 | 4.9 | 150 |
| | 1325 | 1.6 | 50 |
| | 1957 | 5.6 | 170 |
| **25** Sa | 0206 | 2.0 | 60 |
| | 0816 | 5.2 | 160 |
| | 1422 | 1.6 | 50 |
| | 2038 | 5.6 | 170 |
| **26** Su | 0244 | 1.6 | 50 |
| | 0859 | 5.9 | 180 |
| | 1511 | 1.6 | 50 |
| | 2114 | 5.2 | 160 |
| **27** M | 0319 | 1.3 | 40 |
| | 0939 | 6.2 | 190 |
| | 1554 | 1.6 | 50 |
| | 2147 | 5.2 | 160 |
| **28** Tu ● | 0351 | 1.3 | 40 |
| | 1017 | 6.2 | 190 |
| | 1634 | 1.6 | 50 |
| | 2218 | 5.2 | 160 |
| **29** W | 0423 | 1.0 | 30 |
| | 1054 | 6.6 | 200 |
| | 1712 | 1.6 | 50 |
| | 2248 | 4.9 | 150 |
| **30** Th | 0454 | 1.0 | 30 |
| | 1130 | 6.6 | 200 |
| | 1750 | 2.0 | 60 |
| | 2317 | 4.9 | 150 |
| **31** F | 0524 | 1.3 | 40 |
| | 1207 | 6.2 | 190 |
| | 1829 | 2.3 | 70 |
| | 2347 | 4.6 | 140 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0555 | 1.3 | 40 |
| | 1245 | 5.9 | 180 |
| | 1909 | 2.6 | 80 |
| **2** Su | 0020 | 4.6 | 140 |
| | 0628 | 1.6 | 50 |
| | 1326 | 5.9 | 180 |
| | 1953 | 2.6 | 80 |
| **3** M | 0056 | 4.6 | 140 |
| | 0705 | 2.0 | 60 |
| | 1412 | 5.6 | 170 |
| | 2044 | 3.0 | 90 |
| **4** Tu | 0139 | 4.3 | 130 |
| | 0751 | 2.0 | 60 |
| | 1508 | 5.2 | 160 |
| | 2142 | 3.0 | 90 |
| **5** W | 0234 | 4.3 | 130 |
| | 0853 | 2.3 | 70 |
| | 1614 | 5.2 | 160 |
| | 2245 | 3.0 | 90 |
| **6** Th ◐ | 0353 | 3.9 | 120 |
| | 1012 | 2.6 | 80 |
| | 1722 | 5.2 | 160 |
| | 2345 | 2.6 | 80 |
| **7** F | 0527 | 4.3 | 130 |
| | 1134 | 2.6 | 80 |
| | 1820 | 5.2 | 160 |
| **8** Sa | 0037 | 2.6 | 80 |
| | 0641 | 4.6 | 140 |
| | 1244 | 2.3 | 70 |
| | 1908 | 5.2 | 160 |
| **9** Su | 0120 | 2.3 | 70 |
| | 0736 | 5.2 | 160 |
| | 1343 | 2.0 | 60 |
| | 1949 | 5.2 | 160 |
| **10** M | 0159 | 1.6 | 50 |
| | 0822 | 5.6 | 170 |
| | 1434 | 2.0 | 60 |
| | 2028 | 5.2 | 160 |
| **11** Tu | 0236 | 1.3 | 40 |
| | 0906 | 6.2 | 190 |
| | 1522 | 1.6 | 50 |
| | 2107 | 5.2 | 160 |
| **12** W | 0313 | 1.0 | 30 |
| | 0949 | 6.9 | 210 |
| | 1608 | 1.6 | 50 |
| | 2147 | 5.2 | 160 |
| **13** Th ○ | 0353 | 0.7 | 20 |
| | 1033 | 7.2 | 220 |
| | 1655 | 1.6 | 50 |
| | 2229 | 5.2 | 160 |
| **14** F | 0435 | 0.3 | 10 |
| | 1120 | 7.2 | 220 |
| | 1744 | 1.6 | 50 |
| | 2313 | 5.2 | 160 |
| **15** Sa | 0519 | 0.3 | 10 |
| | 1210 | 7.2 | 220 |
| | 1836 | 2.0 | 60 |
| | 2359 | 5.2 | 160 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0608 | 0.7 | 20 |
| | 1304 | 6.9 | 210 |
| | 1931 | 2.0 | 60 |
| **17** M | 0049 | 4.9 | 150 |
| | 0701 | 1.0 | 30 |
| | 1403 | 6.6 | 200 |
| | 2031 | 2.3 | 70 |
| **18** Tu | 0146 | 4.9 | 150 |
| | 0801 | 1.3 | 40 |
| | 1507 | 6.2 | 190 |
| | 2134 | 2.3 | 70 |
| **19** W ◑ | 0254 | 4.6 | 140 |
| | 0911 | 1.6 | 50 |
| | 1615 | 5.9 | 180 |
| | 2237 | 2.3 | 70 |
| **20** Th | 0418 | 4.6 | 140 |
| | 1029 | 2.0 | 60 |
| | 1722 | 5.6 | 170 |
| | 2337 | 2.3 | 70 |
| **21** F | 0545 | 4.9 | 150 |
| | 1150 | 2.3 | 70 |
| | 1822 | 5.2 | 160 |
| **22** Sa | 0033 | 2.0 | 60 |
| | 0657 | 5.2 | 160 |
| | 1303 | 2.3 | 70 |
| | 1915 | 5.2 | 160 |
| **23** Su | 0122 | 2.0 | 60 |
| | 0754 | 5.6 | 170 |
| | 1405 | 2.3 | 70 |
| | 2000 | 4.9 | 150 |
| **24** M | 0206 | 1.6 | 50 |
| | 0842 | 5.9 | 180 |
| | 1457 | 2.3 | 70 |
| | 2040 | 4.9 | 150 |
| **25** Tu | 0246 | 1.6 | 50 |
| | 0925 | 6.2 | 190 |
| | 1543 | 2.0 | 60 |
| | 2117 | 4.9 | 150 |
| **26** W | 0323 | 1.3 | 40 |
| | 1004 | 6.2 | 190 |
| | 1624 | 2.3 | 70 |
| | 2151 | 4.9 | 150 |
| **27** Th ● | 0358 | 1.3 | 40 |
| | 1042 | 6.6 | 200 |
| | 1702 | 2.3 | 70 |
| | 2224 | 4.9 | 150 |
| **28** F | 0432 | 1.3 | 40 |
| | 1119 | 6.6 | 200 |
| | 1740 | 2.3 | 70 |
| | 2257 | 4.9 | 150 |
| **29** Sa | 0504 | 1.3 | 40 |
| | 1155 | 6.2 | 190 |
| | 1817 | 2.3 | 70 |
| | 2330 | 4.9 | 150 |
| **30** Su | 0537 | 1.3 | 40 |
| | 1231 | 6.2 | 190 |
| | 1854 | 2.6 | 80 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0005 | 4.6 | 140 |
| | 0611 | 1.3 | 40 |
| | 1308 | 5.9 | 180 |
| | 1934 | 2.6 | 80 |
| **2** Tu | 0043 | 4.6 | 140 |
| | 0649 | 1.6 | 50 |
| | 1348 | 5.9 | 180 |
| | 2015 | 2.6 | 80 |
| **3** W | 0125 | 4.6 | 140 |
| | 0732 | 2.0 | 60 |
| | 1431 | 5.6 | 170 |
| | 2100 | 2.6 | 80 |
| **4** Th | 0215 | 4.6 | 140 |
| | 0823 | 2.3 | 70 |
| | 1519 | 5.6 | 170 |
| | 2148 | 2.6 | 80 |
| **5** F ◐ | 0317 | 4.6 | 140 |
| | 0926 | 2.3 | 70 |
| | 1611 | 5.2 | 160 |
| | 2238 | 2.6 | 80 |
| **6** Sa | 0432 | 4.6 | 140 |
| | 1039 | 2.6 | 80 |
| | 1707 | 4.9 | 150 |
| | 2329 | 2.3 | 70 |
| **7** Su | 0549 | 4.9 | 150 |
| | 1155 | 2.6 | 80 |
| | 1801 | 4.9 | 150 |
| **8** M | 0019 | 2.0 | 60 |
| | 0656 | 5.2 | 160 |
| | 1306 | 2.6 | 80 |
| | 1854 | 4.9 | 150 |
| **9** Tu | 0108 | 1.6 | 50 |
| | 0753 | 5.9 | 180 |
| | 1409 | 2.3 | 70 |
| | 1945 | 4.9 | 150 |
| **10** W | 0156 | 1.3 | 40 |
| | 0844 | 6.6 | 200 |
| | 1505 | 2.0 | 60 |
| | 2035 | 4.9 | 150 |
| **11** Th | 0244 | 1.0 | 30 |
| | 0934 | 6.9 | 210 |
| | 1557 | 2.0 | 60 |
| | 2124 | 5.2 | 160 |
| **12** F ○ | 0332 | 0.7 | 20 |
| | 1024 | 7.2 | 220 |
| | 1648 | 2.0 | 60 |
| | 2213 | 5.2 | 160 |
| **13** Sa | 0421 | 0.3 | 10 |
| | 1115 | 7.2 | 220 |
| | 1738 | 2.0 | 60 |
| | 2302 | 5.2 | 160 |
| **14** Su | 0510 | 0.3 | 10 |
| | 1205 | 7.2 | 220 |
| | 1828 | 2.0 | 60 |
| | 2351 | 5.2 | 160 |
| **15** M | 0600 | 0.3 | 10 |
| | 1256 | 7.2 | 220 |
| | 1918 | 2.0 | 60 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0042 | 5.2 | 160 |
| | 0653 | 0.7 | 20 |
| | 1346 | 6.9 | 210 |
| | 2008 | 2.0 | 60 |
| **17** W | 0137 | 5.2 | 160 |
| | 0748 | 1.0 | 30 |
| | 1437 | 6.2 | 190 |
| | 2059 | 2.0 | 60 |
| **18** Th | 0236 | 4.9 | 150 |
| | 0849 | 1.6 | 50 |
| | 1529 | 5.9 | 180 |
| | 2150 | 2.0 | 60 |
| **19** F ◑ | 0344 | 4.9 | 150 |
| | 0957 | 2.3 | 70 |
| | 1623 | 5.2 | 160 |
| | 2242 | 2.0 | 60 |
| **20** Sa | 0501 | 4.9 | 150 |
| | 1112 | 2.6 | 80 |
| | 1720 | 4.9 | 150 |
| | 2337 | 2.0 | 60 |
| **21** Su | 0619 | 5.2 | 160 |
| | 1230 | 2.6 | 80 |
| | 1819 | 4.6 | 140 |
| **22** M | 0033 | 2.0 | 60 |
| | 0727 | 5.6 | 170 |
| | 1343 | 2.6 | 80 |
| | 1915 | 4.6 | 140 |
| **23** Tu | 0128 | 2.0 | 60 |
| | 0824 | 5.9 | 180 |
| | 1443 | 2.6 | 80 |
| | 2006 | 4.3 | 130 |
| **24** W | 0217 | 1.6 | 50 |
| | 0913 | 5.9 | 180 |
| | 1533 | 2.6 | 80 |
| | 2051 | 4.6 | 140 |
| **25** Th | 0301 | 1.6 | 50 |
| | 0955 | 6.2 | 190 |
| | 1615 | 2.6 | 80 |
| | 2130 | 4.6 | 140 |
| **26** F | 0340 | 1.3 | 40 |
| | 1033 | 6.2 | 190 |
| | 1653 | 2.3 | 70 |
| | 2207 | 4.6 | 140 |
| **27** Sa ● | 0416 | 1.3 | 40 |
| | 1109 | 6.2 | 190 |
| | 1728 | 2.3 | 70 |
| | 2242 | 4.9 | 150 |
| **28** Su | 0450 | 1.3 | 40 |
| | 1142 | 6.2 | 190 |
| | 1801 | 2.3 | 70 |
| | 2317 | 4.9 | 150 |
| **29** M | 0524 | 1.3 | 40 |
| | 1214 | 6.2 | 190 |
| | 1834 | 2.3 | 70 |
| | 2353 | 4.9 | 150 |
| **30** Tu | 0558 | 1.3 | 40 |
| | 1247 | 6.2 | 190 |
| | 1907 | 2.3 | 70 |
| **31** W | 0029 | 4.9 | 150 |
| | 0634 | 1.3 | 40 |
| | 1319 | 6.2 | 190 |
| | 1941 | 2.3 | 70 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Quebec, Quebec, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0006 | 13.5 410 | 16 W | 0628 | 1.6 50 |
| | 0711 | 2.6 80 | | 1200 | 15.4 470 |
| | 1236 | 13.5 410 | | 1915 | 1.6 50 |
| | 1953 | 2.6 80 | | | |
| 2 W | 0110 | 12.1 370 | 17 Th | 0039 | 13.1 400 |
| | 0809 | 3.0 90 | | 0729 | 2.0 60 |
| | 1336 | 13.5 410 | | 1304 | 15.4 470 |
| | 2059 | 2.3 70 | | 2031 | 1.6 50 |
| 3 Th | 0217 | 11.8 360 | 18 F | 0148 | 12.5 380 |
| | 0907 | 3.3 100 | | 0841 | 2.3 70 |
| | 1435 | 13.8 420 | | 1410 | 15.4 470 |
| | 2201 | 2.0 60 | | 2145 | 1.6 50 |
| 4 F | 0321 | 11.5 350 | 19 Sa | 0258 | 12.1 370 |
| | 1001 | 3.0 90 | | 0952 | 2.3 70 |
| | 1529 | 14.1 430 | | 1514 | 15.7 480 |
| | 2255 | 1.6 50 | | 2251 | 1.3 40 |
| 5 Sa | 0416 | 11.8 360 | 20 Su | 0402 | 12.5 380 |
| | 1050 | 3.0 90 | | 1056 | 2.3 70 |
| | 1617 | 14.8 450 | | 1613 | 16.1 490 |
| | 2345 | 1.6 50 | | 2352 | 1.3 40 |
| 6 Su | 0503 | 12.1 370 | 21 M | 0459 | 13.1 400 |
| | 1137 | 2.6 80 | | 1155 | 2.0 60 |
| | 1700 | 15.1 460 | | 1707 | 16.7 510 |
| 7 M | 0031 | 1.6 50 | 22 Tu ○ | 0046 | 1.0 30 |
| | 0545 | 12.8 390 | | 0551 | 13.8 420 |
| | 1222 | 2.3 70 | | 1248 | 1.6 50 |
| | 1741 | 15.7 480 | | 1757 | 17.1 520 |
| 8 Tu ● | 0113 | 1.6 50 | 23 W | 0135 | 1.0 30 |
| | 0623 | 13.5 410 | | 0636 | 14.4 440 |
| | 1306 | 2.3 70 | | 1338 | 1.6 50 |
| | 1821 | 16.1 490 | | 1844 | 17.4 530 |
| 9 W | 0154 | 1.6 50 | 24 Th | 0219 | 1.0 30 |
| | 0701 | 13.8 420 | | 0719 | 14.8 450 |
| | 1348 | 2.0 60 | | 1424 | 1.3 40 |
| | 1859 | 16.4 500 | | 1929 | 17.4 530 |
| 10 Th | 0232 | 1.3 40 | 25 F | 0300 | 1.0 30 |
| | 0738 | 14.4 440 | | 0801 | 15.4 470 |
| | 1430 | 2.0 60 | | 1507 | 1.3 40 |
| | 1938 | 16.7 510 | | 2013 | 17.4 530 |
| 11 F | 0309 | 1.3 40 | 26 Sa | 0339 | 1.0 30 |
| | 0814 | 14.8 450 | | 0843 | 15.4 470 |
| | 1510 | 1.6 50 | | 1549 | 1.3 40 |
| | 2018 | 16.7 510 | | 2058 | 16.7 510 |
| 12 Sa | 0345 | 1.0 30 | 27 Su | 0416 | 1.3 40 |
| | 0851 | 15.1 460 | | 0925 | 15.4 470 |
| | 1551 | 1.3 40 | | 1630 | 1.3 40 |
| | 2059 | 16.4 500 | | 2144 | 15.7 480 |
| 13 Su | 0421 | 1.0 30 | 28 M | 0450 | 1.6 50 |
| | 0930 | 15.4 470 | | 1008 | 15.1 460 |
| | 1632 | 1.0 30 | | 1713 | 1.6 50 |
| | 2145 | 16.1 490 | | 2232 | 14.4 440 |
| 14 M | 0458 | 1.0 30 | 29 Tu | 0523 | 2.0 60 |
| | 1014 | 15.7 480 | | 1055 | 14.4 440 |
| | 1718 | 1.0 30 | | 1759 | 2.3 70 |
| | 2236 | 15.4 470 | | 2325 | 12.8 390 |
| 15 Tu ◐ | 0539 | 1.0 30 | 30 W ◑ | 0555 | 2.6 80 |
| | 1103 | 15.7 480 | | 1147 | 13.5 410 |
| | 1810 | 1.3 40 | | 1857 | 2.6 80 |
| | 2333 | 14.4 440 | | | |
| | | | 31 Th | 0024 | 11.5 350 |
| | | | | 0634 | 3.3 100 |
| | | | | 1245 | 13.1 400 |
| | | | | 2011 | 3.0 90 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 F | 0131 | 10.5 320 | 16 Sa | 0129 | 11.5 350 |
| | 0738 | 3.6 110 | | 0819 | 3.3 100 |
| | 1348 | 12.8 390 | | 1349 | 14.4 440 |
| | 2123 | 3.0 90 | | 2131 | 2.0 60 |
| 2 Sa | 0242 | 10.2 310 | 17 Su | 0243 | 11.2 340 |
| | 0908 | 3.6 110 | | 0938 | 3.0 90 |
| | 1451 | 13.1 400 | | 1459 | 14.8 450 |
| | 2226 | 2.3 70 | | 2238 | 1.6 50 |
| 3 Su | 0347 | 10.5 320 | 18 M | 0352 | 11.8 360 |
| | 1015 | 3.3 100 | | 1045 | 2.6 80 |
| | 1548 | 13.8 420 | | 1602 | 15.1 460 |
| | 2320 | 2.0 60 | | 2337 | 1.3 40 |
| 4 M | 0440 | 11.5 350 | 19 Tu | 0449 | 12.8 390 |
| | 1111 | 2.6 80 | | 1143 | 2.0 60 |
| | 1638 | 14.4 440 | | 1657 | 16.1 490 |
| 5 Tu | 0007 | 1.6 50 | 20 W ○ | 0028 | 1.0 30 |
| | 0522 | 12.5 380 | | 0536 | 13.8 420 |
| | 1202 | 2.3 70 | | 1235 | 1.3 40 |
| | 1722 | 15.4 470 | | 1745 | 16.7 510 |
| 6 W ● | 0050 | 1.3 40 | 21 Th | 0113 | 0.7 20 |
| | 0559 | 13.5 410 | | 0618 | 14.8 450 |
| | 1249 | 1.6 50 | | 1323 | 1.0 30 |
| | 1803 | 16.1 490 | | 1829 | 17.1 520 |
| 7 Th | 0130 | 1.0 30 | 22 F | 0155 | 0.7 20 |
| | 0636 | 14.4 440 | | 0657 | 15.7 480 |
| | 1333 | 1.3 40 | | 1407 | 1.0 30 |
| | 1842 | 16.7 510 | | 1911 | 17.1 520 |
| 8 F | 0208 | 0.7 20 | 23 Sa | 0233 | 1.0 30 |
| | 0711 | 15.4 470 | | 0735 | 16.1 490 |
| | 1415 | 0.7 20 | | 1448 | 1.0 30 |
| | 1921 | 17.1 520 | | 1952 | 17.1 520 |
| 9 Sa | 0245 | 0.7 20 | 24 Su | 0308 | 1.3 40 |
| | 0747 | 16.1 490 | | 0813 | 16.4 500 |
| | 1456 | 0.3 10 | | 1527 | 1.0 30 |
| | 2001 | 17.4 530 | | 2033 | 16.4 500 |
| 10 Su | 0321 | 0.7 20 | 25 M | 0340 | 1.3 40 |
| | 0823 | 16.7 510 | | 0851 | 16.1 490 |
| | 1537 | 0.3 10 | | 1604 | 1.3 40 |
| | 2042 | 17.1 520 | | 2115 | 15.4 470 |
| 11 M | 0357 | 0.3 10 | 26 Tu | 0408 | 1.6 50 |
| | 0901 | 17.1 520 | | 0929 | 15.7 480 |
| | 1619 | 0.3 10 | | 1639 | 1.6 50 |
| | 2125 | 16.4 500 | | 2159 | 14.1 430 |
| 12 Tu | 0434 | 0.7 20 | 27 W | 0431 | 2.3 70 |
| | 0943 | 16.7 510 | | 1010 | 14.8 450 |
| | 1703 | 0.3 10 | | 1715 | 2.3 70 |
| | 2214 | 15.1 460 | | 2247 | 12.5 380 |
| 13 W ◐ | 0513 | 1.0 30 | 28 Th ◑ | 0457 | 2.6 80 |
| | 1032 | 16.4 500 | | 1056 | 14.1 430 |
| | 1754 | 1.0 30 | | 1756 | 3.0 90 |
| | 2310 | 13.8 420 | | 2343 | 11.2 340 |
| 14 Th | 0559 | 2.0 60 | 29 F | 0533 | 3.0 90 |
| | 1130 | 15.7 480 | | 1153 | 13.1 400 |
| | 1857 | 1.6 50 | | 1900 | 3.3 100 |
| 15 F | 0016 | 12.1 370 | | | |
| | 0658 | 2.6 80 | | | |
| | 1237 | 14.8 450 | | | |
| | 2014 | 2.3 70 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0048 | 10.2 310 | 16 Su | 0113 | 11.2 340 |
| | 0622 | 3.6 110 | | 0807 | 3.9 120 |
| | 1301 | 12.5 380 | | 1332 | 14.1 430 |
| | 2038 | 3.6 110 | | 2115 | 2.3 70 |
| 2 Su | 0201 | 9.8 300 | 17 M | 0228 | 11.5 350 |
| | 0729 | 4.3 130 | | 0926 | 3.3 100 |
| | 1411 | 12.8 390 | | 1445 | 14.1 430 |
| | 2151 | 3.0 90 | | 2219 | 2.0 60 |
| 3 M | 0309 | 10.2 310 | 18 Tu | 0336 | 12.1 370 |
| | 0937 | 3.9 120 | | 1031 | 2.6 80 |
| | 1515 | 13.5 410 | | 1549 | 14.8 450 |
| | 2247 | 2.3 70 | | 2314 | 1.3 40 |
| 4 Tu | 0405 | 11.5 350 | 19 W | 0431 | 13.5 410 |
| | 1044 | 3.0 90 | | 1128 | 1.6 50 |
| | 1609 | 14.4 440 | | 1643 | 15.7 480 |
| | 2335 | 1.6 50 | | | |
| 5 W | 0448 | 12.8 390 | 20 Th | 0002 | 1.0 30 |
| | 1138 | 2.3 70 | | 0515 | 14.8 450 |
| | 1656 | 15.7 480 | | 1218 | 1.0 30 |
| | | | | 1729 | 16.4 500 |
| 6 Th | 0018 | 1.3 40 | 21 F ○ | 0045 | 1.0 30 |
| | 0527 | 14.4 440 | | 0555 | 15.7 480 |
| | 1226 | 1.3 40 | | 1304 | 0.7 20 |
| | 1738 | 16.7 510 | | 1811 | 16.7 510 |
| 7 F ● | 0058 | 1.0 30 | 22 Sa | 0125 | 1.3 40 |
| | 0603 | 15.7 480 | | 0632 | 16.7 510 |
| | 1311 | 0.7 20 | | 1346 | 0.7 20 |
| | 1819 | 17.4 530 | | 1851 | 16.7 510 |
| 8 Sa | 0137 | 0.7 20 | 23 Su | 0202 | 1.6 50 |
| | 0640 | 17.1 520 | | 0707 | 17.1 520 |
| | 1355 | 0.3 10 | | 1426 | 1.0 30 |
| | 1859 | 17.7 540 | | 1929 | 16.4 500 |
| 9 Su | 0216 | 0.7 20 | 24 M | 0235 | 2.0 60 |
| | 0717 | 17.7 540 | | 0742 | 17.1 520 |
| | 1437 | 0.0 0 | | 1503 | 1.3 40 |
| | 1940 | 17.7 540 | | 2008 | 16.1 490 |
| 10 M | 0254 | 0.7 20 | 25 Tu | 0304 | 2.3 70 |
| | 0754 | 18.4 560 | | 0816 | 16.7 510 |
| | 1519 | 0.0 0 | | 1538 | 1.6 50 |
| | 2022 | 17.1 520 | | 2048 | 15.1 460 |
| 11 Tu | 0331 | 0.7 20 | 26 W | 0328 | 2.3 70 |
| | 0834 | 18.0 550 | | 0850 | 16.4 500 |
| | 1603 | 0.3 10 | | 1610 | 2.3 70 |
| | 2107 | 16.1 490 | | 2129 | 14.1 430 |
| 12 W | 0410 | 1.3 40 | 27 Th | 0350 | 2.6 80 |
| | 0917 | 17.7 540 | | 0926 | 15.7 480 |
| | 1648 | 0.7 20 | | 1641 | 2.6 80 |
| | 2157 | 14.8 450 | | 2215 | 12.8 390 |
| 13 Th | 0450 | 2.0 60 | 28 F | 0420 | 3.0 90 |
| | 1007 | 16.7 510 | | 1008 | 14.8 450 |
| | 1740 | 1.6 50 | | 1716 | 3.0 90 |
| | 2254 | 13.1 400 | | 2308 | 11.5 350 |
| 14 F ◐ | 0536 | 2.6 80 | 29 Sa ◑ | 0458 | 3.3 100 |
| | 1107 | 15.7 480 | | 1103 | 13.8 420 |
| | 1845 | 2.3 70 | | 1803 | 3.3 100 |
| | 2359 | 11.8 360 | | | |
| 15 Sa | 0639 | 3.6 110 | 30 Su | 0011 | 10.5 320 |
| | 1217 | 14.8 450 | | 0545 | 3.9 120 |
| | 2001 | 2.6 80 | | 1215 | 13.1 400 |
| | | | | 1933 | 3.6 110 |
| | | | 31 M | 0118 | 10.5 320 |
| | | | | 0646 | 4.3 130 |
| | | | | 1328 | 13.1 400 |
| | | | | 2102 | 3.6 110 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Quebec, Quebec, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0223 | 11.2 | 340 |
| | 0849 | 4.3 | 130 |
| | 1435 | 13.8 | 420 |
| | 2203 | 3.0 | 90 |
| **2** W | 0318 | 12.5 | 380 |
| | 1010 | 3.3 | 100 |
| | 1533 | 14.8 | 450 |
| | 2253 | 2.3 | 70 |
| **3** Th | 0405 | 14.1 | 430 |
| | 1107 | 2.3 | 70 |
| | 1623 | 16.1 | 490 |
| | 2338 | 1.6 | 50 |
| **4** F | 0448 | 15.7 | 480 |
| | 1158 | 1.3 | 40 |
| | 1709 | 17.1 | 520 |
| **5** Sa ● | 0022 | 1.3 | 40 |
| | 0528 | 17.4 | 530 |
| | 1245 | 0.7 | 20 |
| | 1752 | 17.7 | 540 |
| **6** Su | 0104 | 1.0 | 30 |
| | 0607 | 18.4 | 560 |
| | 1331 | 0.3 | 10 |
| | 1836 | 17.7 | 540 |
| **7** M | 0145 | 1.0 | 30 |
| | 0647 | 19.0 | 580 |
| | 1417 | 0.3 | 10 |
| | 1919 | 17.4 | 530 |
| **8** Tu | 0226 | 1.3 | 40 |
| | 0728 | 19.4 | 590 |
| | 1502 | 0.3 | 10 |
| | 2004 | 16.7 | 510 |
| **9** W | 0307 | 1.6 | 50 |
| | 0810 | 19.0 | 580 |
| | 1548 | 1.0 | 30 |
| | 2052 | 15.7 | 480 |
| **10** Th | 0349 | 2.0 | 60 |
| | 0857 | 18.0 | 550 |
| | 1636 | 1.3 | 40 |
| | 2144 | 14.4 | 440 |
| **11** F | 0432 | 2.6 | 80 |
| | 0949 | 17.1 | 520 |
| | 1730 | 2.0 | 60 |
| | 2241 | 13.1 | 400 |
| **12** Sa ◐ | 0522 | 3.6 | 110 |
| | 1051 | 15.7 | 480 |
| | 1832 | 2.6 | 80 |
| | 2345 | 12.5 | 380 |
| **13** Su | 0630 | 3.9 | 120 |
| | 1200 | 14.8 | 450 |
| | 1942 | 2.6 | 80 |
| **14** M | 0054 | 12.1 | 370 |
| | 0753 | 3.9 | 120 |
| | 1313 | 14.1 | 430 |
| | 2050 | 2.6 | 80 |
| **15** Tu | 0204 | 12.5 | 380 |
| | 0907 | 3.3 | 100 |
| | 1424 | 14.1 | 430 |
| | 2150 | 2.0 | 60 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0309 | 13.5 | 410 |
| | 1010 | 2.3 | 70 |
| | 1528 | 14.8 | 450 |
| | 2243 | 1.6 | 50 |
| **17** Th | 0403 | 14.4 | 440 |
| | 1106 | 1.6 | 50 |
| | 1623 | 15.1 | 460 |
| | 2330 | 1.6 | 50 |
| **18** F | 0448 | 15.7 | 480 |
| | 1155 | 1.0 | 30 |
| | 1709 | 15.7 | 480 |
| **19** Sa | 0014 | 1.6 | 50 |
| | 0527 | 16.7 | 510 |
| | 1241 | 1.0 | 30 |
| | 1750 | 15.7 | 480 |
| **20** Su ○ | 0053 | 2.0 | 60 |
| | 0603 | 17.1 | 520 |
| | 1323 | 1.0 | 30 |
| | 1829 | 15.7 | 480 |
| **21** M | 0129 | 2.3 | 70 |
| | 0638 | 17.4 | 530 |
| | 1403 | 1.6 | 50 |
| | 1907 | 15.7 | 480 |
| **22** Tu | 0202 | 2.6 | 80 |
| | 0711 | 17.4 | 530 |
| | 1440 | 2.0 | 60 |
| | 1945 | 15.1 | 460 |
| **23** W | 0231 | 3.0 | 90 |
| | 0744 | 17.1 | 520 |
| | 1514 | 2.3 | 70 |
| | 2025 | 14.8 | 450 |
| **24** Th | 0256 | 3.0 | 90 |
| | 0817 | 16.7 | 510 |
| | 1547 | 2.6 | 80 |
| | 2106 | 13.8 | 420 |
| **25** F | 0322 | 3.3 | 100 |
| | 0851 | 16.1 | 490 |
| | 1618 | 2.6 | 80 |
| | 2151 | 12.8 | 390 |
| **26** Sa | 0354 | 3.3 | 100 |
| | 0932 | 15.4 | 470 |
| | 1653 | 3.0 | 90 |
| | 2240 | 12.1 | 370 |
| **27** Su | 0434 | 3.6 | 110 |
| | 1025 | 14.4 | 440 |
| | 1737 | 3.3 | 100 |
| | 2336 | 11.8 | 360 |
| **28** M ◑ | 0522 | 3.9 | 120 |
| | 1134 | 13.8 | 420 |
| | 1838 | 3.3 | 100 |
| **29** Tu | 0035 | 11.8 | 360 |
| | 0622 | 4.3 | 130 |
| | 1245 | 13.8 | 420 |
| | 1959 | 3.3 | 100 |
| **30** W | 0134 | 12.5 | 380 |
| | 0756 | 3.9 | 120 |
| | 1351 | 14.1 | 430 |
| | 2107 | 3.0 | 90 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0229 | 13.8 | 420 |
| | 0928 | 3.3 | 100 |
| | 1452 | 14.8 | 450 |
| | 2203 | 2.3 | 70 |
| **2** F | 0320 | 15.4 | 470 |
| | 1031 | 2.3 | 70 |
| | 1547 | 15.7 | 480 |
| | 2255 | 2.0 | 60 |
| **3** Sa | 0408 | 17.1 | 520 |
| | 1126 | 1.3 | 40 |
| | 1638 | 16.4 | 500 |
| | 2343 | 1.6 | 50 |
| **4** Su | 0453 | 18.4 | 560 |
| | 1218 | 1.0 | 30 |
| | 1726 | 17.1 | 520 |
| **5** M ● | 0030 | 1.6 | 50 |
| | 0537 | 19.4 | 590 |
| | 1309 | 0.7 | 20 |
| | 1813 | 17.1 | 520 |
| **6** Tu | 0116 | 1.6 | 50 |
| | 0621 | 19.7 | 600 |
| | 1358 | 0.7 | 20 |
| | 1859 | 16.4 | 500 |
| **7** W | 0202 | 2.0 | 60 |
| | 0705 | 19.4 | 590 |
| | 1446 | 1.0 | 30 |
| | 1948 | 15.7 | 480 |
| **8** Th | 0247 | 2.3 | 70 |
| | 0752 | 19.0 | 580 |
| | 1535 | 1.3 | 40 |
| | 2038 | 15.1 | 460 |
| **9** F | 0332 | 2.6 | 80 |
| | 0841 | 18.0 | 550 |
| | 1624 | 1.6 | 50 |
| | 2130 | 14.4 | 440 |
| **10** Sa | 0420 | 3.0 | 90 |
| | 0935 | 17.1 | 520 |
| | 1716 | 2.3 | 70 |
| | 2225 | 13.8 | 420 |
| **11** Su ◐ | 0513 | 3.6 | 110 |
| | 1035 | 16.1 | 490 |
| | 1813 | 2.3 | 70 |
| | 2324 | 13.1 | 400 |
| **12** M | 0617 | 3.6 | 110 |
| | 1139 | 15.1 | 460 |
| | 1913 | 2.6 | 80 |
| **13** Tu | 0026 | 13.1 | 400 |
| | 0729 | 3.6 | 110 |
| | 1246 | 14.4 | 440 |
| | 2015 | 2.6 | 80 |
| **14** W | 0129 | 13.5 | 410 |
| | 0839 | 3.0 | 90 |
| | 1354 | 14.1 | 430 |
| | 2113 | 2.3 | 70 |
| **15** Th | 0232 | 14.1 | 430 |
| | 0942 | 2.3 | 70 |
| | 1459 | 14.1 | 430 |
| | 2207 | 2.0 | 60 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0328 | 15.1 | 460 |
| | 1039 | 1.3 | 40 |
| | 1557 | 14.4 | 440 |
| | 2255 | 2.0 | 60 |
| **17** Sa | 0416 | 16.1 | 490 |
| | 1130 | 1.0 | 30 |
| | 1646 | 14.4 | 440 |
| | 2339 | 2.0 | 60 |
| **18** Su | 0458 | 16.7 | 510 |
| | 1217 | 1.0 | 30 |
| | 1729 | 14.8 | 450 |
| **19** M ○ | 0020 | 2.3 | 70 |
| | 0535 | 17.1 | 520 |
| | 1300 | 1.3 | 40 |
| | 1809 | 14.8 | 450 |
| **20** Tu | 0058 | 2.6 | 80 |
| | 0610 | 17.1 | 520 |
| | 1341 | 2.0 | 60 |
| | 1847 | 14.8 | 450 |
| **21** W | 0132 | 3.0 | 90 |
| | 0645 | 17.1 | 520 |
| | 1419 | 2.3 | 70 |
| | 1926 | 14.4 | 440 |
| **22** Th | 0205 | 3.3 | 100 |
| | 0719 | 16.7 | 510 |
| | 1455 | 2.3 | 70 |
| | 2005 | 14.1 | 430 |
| **23** F | 0235 | 3.3 | 100 |
| | 0754 | 16.4 | 500 |
| | 1530 | 2.6 | 80 |
| | 2046 | 13.8 | 420 |
| **24** Sa | 0307 | 3.3 | 100 |
| | 0831 | 16.1 | 490 |
| | 1604 | 2.6 | 80 |
| | 2128 | 13.5 | 410 |
| **25** Su | 0343 | 3.3 | 100 |
| | 0912 | 15.7 | 480 |
| | 1640 | 2.3 | 70 |
| | 2212 | 13.1 | 400 |
| **26** M | 0424 | 3.3 | 100 |
| | 1001 | 15.1 | 460 |
| | 1719 | 2.3 | 70 |
| | 2259 | 13.1 | 400 |
| **27** Tu ◑ | 0511 | 3.3 | 100 |
| | 1059 | 14.8 | 450 |
| | 1805 | 2.6 | 80 |
| | 2351 | 13.1 | 400 |
| **28** W | 0608 | 3.3 | 100 |
| | 1204 | 14.4 | 440 |
| | 1901 | 2.6 | 80 |
| **29** Th | 0046 | 13.8 | 420 |
| | 0721 | 3.0 | 90 |
| | 1309 | 14.4 | 440 |
| | 2006 | 2.3 | 70 |
| **30** F | 0143 | 14.8 | 450 |
| | 0845 | 2.6 | 80 |
| | 1412 | 14.4 | 440 |
| | 2111 | 2.3 | 70 |
| **31** Sa | 0238 | 16.1 | 490 |
| | 0955 | 2.0 | 60 |
| | 1513 | 15.1 | 460 |
| | 2211 | 2.0 | 60 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0332 | 17.4 | 530 |
| | 1057 | 1.3 | 40 |
| | 1609 | 15.4 | 470 |
| | 2307 | 2.0 | 60 |
| **2** M | 0423 | 18.4 | 560 |
| | 1155 | 1.0 | 30 |
| | 1703 | 15.4 | 470 |
| **3** Tu ● | 0001 | 2.0 | 60 |
| | 0512 | 19.0 | 580 |
| | 1249 | 1.0 | 30 |
| | 1754 | 15.4 | 470 |
| **4** W | 0052 | 2.0 | 60 |
| | 0600 | 19.0 | 580 |
| | 1342 | 1.0 | 30 |
| | 1844 | 15.4 | 470 |
| **5** Th | 0143 | 2.3 | 70 |
| | 0648 | 19.0 | 580 |
| | 1433 | 1.3 | 40 |
| | 1933 | 15.1 | 460 |
| **6** F | 0232 | 2.3 | 70 |
| | 0737 | 18.4 | 560 |
| | 1521 | 1.3 | 40 |
| | 2022 | 14.8 | 450 |
| **7** Sa | 0320 | 2.6 | 80 |
| | 0827 | 17.7 | 540 |
| | 1609 | 1.6 | 50 |
| | 2112 | 14.4 | 440 |
| **8** Su | 0408 | 2.6 | 80 |
| | 0920 | 17.1 | 520 |
| | 1656 | 1.6 | 50 |
| | 2203 | 14.4 | 440 |
| **9** M | 0459 | 2.6 | 80 |
| | 1014 | 16.4 | 500 |
| | 1744 | 2.0 | 60 |
| | 2255 | 14.1 | 430 |
| **10** Tu ◐ | 0555 | 2.6 | 80 |
| | 1112 | 15.4 | 470 |
| | 1836 | 2.0 | 60 |
| | 2351 | 14.1 | 430 |
| **11** W | 0658 | 2.6 | 80 |
| | 1214 | 14.4 | 440 |
| | 1932 | 2.3 | 70 |
| **12** Th | 0050 | 14.1 | 430 |
| | 0805 | 2.6 | 80 |
| | 1319 | 13.5 | 410 |
| | 2030 | 2.3 | 70 |
| **13** F | 0151 | 14.4 | 440 |
| | 0909 | 2.0 | 60 |
| | 1426 | 13.1 | 400 |
| | 2126 | 2.3 | 70 |
| **14** Sa | 0250 | 14.8 | 450 |
| | 1009 | 1.6 | 50 |
| | 1528 | 12.8 | 390 |
| | 2218 | 2.3 | 70 |
| **15** Su | 0343 | 15.1 | 460 |
| | 1103 | 1.3 | 40 |
| | 1622 | 13.1 | 400 |
| | 2305 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0429 | 15.7 | 480 |
| | 1152 | 1.3 | 40 |
| | 1709 | 13.1 | 400 |
| | 2349 | 2.6 | 80 |
| **17** Tu | 0509 | 16.1 | 490 |
| | 1238 | 1.6 | 50 |
| | 1750 | 13.5 | 410 |
| **18** W ○ | 0030 | 2.6 | 80 |
| | 0548 | 16.1 | 490 |
| | 1320 | 1.6 | 50 |
| | 1829 | 13.8 | 420 |
| **19** Th | 0110 | 2.6 | 80 |
| | 0625 | 16.4 | 500 |
| | 1400 | 2.0 | 60 |
| | 1908 | 13.8 | 420 |
| **20** F | 0148 | 3.0 | 90 |
| | 0702 | 16.4 | 500 |
| | 1438 | 2.0 | 60 |
| | 1946 | 13.8 | 420 |
| **21** Sa | 0226 | 3.0 | 90 |
| | 0739 | 16.4 | 500 |
| | 1514 | 2.0 | 60 |
| | 2024 | 14.1 | 430 |
| **22** Su | 0304 | 2.6 | 80 |
| | 0817 | 16.1 | 490 |
| | 1549 | 2.0 | 60 |
| | 2102 | 14.1 | 430 |
| **23** M | 0342 | 2.6 | 80 |
| | 0857 | 16.1 | 490 |
| | 1623 | 1.6 | 50 |
| | 2141 | 14.1 | 430 |
| **24** Tu | 0421 | 2.3 | 70 |
| | 0941 | 15.7 | 480 |
| | 1658 | 1.6 | 50 |
| | 2222 | 14.4 | 440 |
| **25** W | 0505 | 2.3 | 70 |
| | 1031 | 15.1 | 460 |
| | 1737 | 1.6 | 50 |
| | 2309 | 14.8 | 450 |
| **26** Th ◑ | 0555 | 2.0 | 60 |
| | 1127 | 14.4 | 440 |
| | 1822 | 1.6 | 50 |
| **27** F | 0002 | 15.1 | 460 |
| | 0655 | 2.0 | 60 |
| | 1231 | 14.1 | 430 |
| | 1918 | 2.0 | 60 |
| **28** Sa | 0101 | 15.4 | 470 |
| | 0810 | 2.0 | 60 |
| | 1338 | 13.5 | 410 |
| | 2025 | 2.0 | 60 |
| **29** Su | 0202 | 16.1 | 490 |
| | 0926 | 1.6 | 50 |
| | 1444 | 13.5 | 410 |
| | 2135 | 2.0 | 60 |
| **30** M | 0303 | 16.7 | 510 |
| | 1034 | 1.3 | 40 |
| | 1547 | 13.5 | 410 |
| | 2239 | 2.0 | 60 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Quebec, Quebec, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0400 | 17.4 530 | 16 W | 0447 | 15.1 460 |
| | 1137 | 1.0 30 | | 1216 | 1.3 40 |
| | 1645 | 13.8 420 | | 1732 | 12.5 380 |
| | 2339 | 2.0 60 | | | |
| 2 W ● | 0454 | 17.7 540 | 17 Th | 0007 | 2.3 70 |
| | 1235 | 1.0 30 | | 0529 | 15.4 470 |
| | 1739 | 14.1 430 | | 1259 | 1.3 40 |
| | | | | 1811 | 13.1 400 |
| 3 Th | 0036 | 2.0 60 | 18 F ○ | 0052 | 2.3 70 |
| | 0546 | 18.0 550 | | 0608 | 15.7 480 |
| | 1328 | 1.0 30 | | 1339 | 1.3 40 |
| | 1829 | 14.4 440 | | 1847 | 13.8 420 |
| 4 F | 0129 | 2.0 60 | 19 Sa | 0135 | 2.0 60 |
| | 0635 | 18.0 550 | | 0646 | 16.1 490 |
| | 1417 | 1.0 30 | | 1417 | 1.3 40 |
| | 1917 | 14.8 450 | | 1923 | 14.1 430 |
| 5 Sa | 0219 | 2.0 60 | 20 Su | 0215 | 2.0 60 |
| | 0723 | 18.0 550 | | 0723 | 16.4 500 |
| | 1503 | 1.0 30 | | 1452 | 1.3 40 |
| | 2003 | 14.8 450 | | 1957 | 14.8 450 |
| 6 Su | 0306 | 2.0 60 | 21 M | 0255 | 1.6 50 |
| | 0811 | 17.7 540 | | 0801 | 16.4 500 |
| | 1546 | 1.0 30 | | 1526 | 1.0 30 |
| | 2048 | 15.1 460 | | 2032 | 15.1 460 |
| 7 M | 0352 | 1.6 50 | 22 Tu | 0333 | 1.3 40 |
| | 0859 | 17.1 520 | | 0839 | 16.4 500 |
| | 1628 | 1.3 40 | | 1559 | 1.0 30 |
| | 2134 | 15.1 460 | | 2107 | 15.4 470 |
| 8 Tu | 0439 | 1.6 50 | 23 W | 0412 | 1.3 40 |
| | 0949 | 16.1 490 | | 0919 | 16.1 490 |
| | 1710 | 1.3 40 | | 1633 | 1.0 30 |
| | 2222 | 14.8 450 | | 2145 | 15.7 480 |
| 9 W ◐ | 0527 | 1.6 50 | 24 Th | 0453 | 1.0 30 |
| | 1042 | 15.1 460 | | 1005 | 15.4 470 |
| | 1754 | 1.6 50 | | 1710 | 1.0 30 |
| | 2313 | 14.4 440 | | 2230 | 15.7 480 |
| 10 Th | 0622 | 2.0 60 | 25 F ◑ | 0539 | 1.0 30 |
| | 1139 | 13.8 420 | | 1058 | 14.4 440 |
| | 1842 | 2.3 70 | | 1752 | 1.3 40 |
| | | | | 2324 | 15.7 480 |
| 11 F | 0009 | 14.1 430 | 26 Sa | 0635 | 1.3 40 |
| | 0725 | 2.3 70 | | 1201 | 13.1 400 |
| | 1241 | 12.5 380 | | 1843 | 1.6 50 |
| | 1938 | 2.6 80 | | | |
| 12 Sa | 0109 | 13.8 420 | 27 Su | 0027 | 15.4 470 |
| | 0833 | 2.3 70 | | 0748 | 1.6 50 |
| | 1348 | 11.8 360 | | 1311 | 12.5 380 |
| | 2039 | 3.0 90 | | 1951 | 2.3 70 |
| 13 Su | 0211 | 13.8 420 | 28 M | 0135 | 15.4 470 |
| | 0938 | 2.0 60 | | 0907 | 1.6 50 |
| | 1457 | 11.2 340 | | 1423 | 11.8 360 |
| | 2138 | 3.0 90 | | 2111 | 2.3 70 |
| 14 M | 0309 | 14.1 430 | 29 Tu | 0242 | 15.7 480 |
| | 1037 | 1.6 50 | | 1019 | 1.3 40 |
| | 1559 | 11.5 350 | | 1532 | 12.1 370 |
| | 2231 | 2.6 80 | | 2223 | 2.3 70 |
| 15 Tu | 0402 | 14.4 440 | 30 W | 0345 | 16.1 490 |
| | 1129 | 1.3 40 | | 1123 | 1.0 30 |
| | 1650 | 11.8 360 | | 1633 | 12.8 390 |
| | 2321 | 2.6 80 | | 2327 | 2.0 60 |
| | | | 31 Th | 0442 | 16.7 510 |
| | | | | 1220 | 0.7 20 |
| | | | | 1726 | 13.5 410 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 F ● | 0024 | 1.6 50 | 16 Sa ○ | 0032 | 1.6 50 |
| | 0534 | 17.1 520 | | 0548 | 15.7 480 |
| | 1311 | 0.7 20 | | 1312 | 1.0 30 |
| | 1813 | 14.1 430 | | 1819 | 14.1 430 |
| 2 Sa | 0116 | 1.3 40 | 17 Su | 0116 | 1.3 40 |
| | 0622 | 17.4 530 | | 0626 | 16.4 500 |
| | 1357 | 0.7 20 | | 1349 | 1.0 30 |
| | 1857 | 14.8 450 | | 1852 | 15.1 460 |
| 3 Su | 0204 | 1.3 40 | 18 M | 0157 | 1.0 30 |
| | 0707 | 17.4 530 | | 0702 | 16.7 510 |
| | 1439 | 0.7 20 | | 1424 | 1.0 30 |
| | 1939 | 15.4 470 | | 1926 | 15.7 480 |
| 4 M | 0249 | 1.0 30 | 19 Tu | 0237 | 1.0 30 |
| | 0751 | 17.4 530 | | 0739 | 16.7 510 |
| | 1519 | 0.7 20 | | 1459 | 0.7 20 |
| | 2020 | 15.7 480 | | 1959 | 16.4 500 |
| 5 Tu | 0332 | 1.0 30 | 20 W | 0316 | 0.7 20 |
| | 0836 | 17.1 520 | | 0817 | 16.7 510 |
| | 1556 | 1.0 30 | | 1533 | 0.7 20 |
| | 2102 | 15.7 480 | | 2034 | 16.7 510 |
| 6 W | 0414 | 1.0 30 | 21 Th | 0356 | 0.7 20 |
| | 0922 | 16.1 490 | | 0858 | 16.1 490 |
| | 1632 | 1.3 40 | | 1608 | 1.0 30 |
| | 2146 | 15.4 470 | | 2112 | 16.7 510 |
| 7 Th | 0457 | 1.3 40 | 22 F | 0437 | 0.7 20 |
| | 1011 | 14.8 450 | | 0943 | 15.1 460 |
| | 1707 | 1.6 50 | | 1645 | 1.0 30 |
| | 2234 | 14.8 450 | | 2158 | 16.4 500 |
| 8 F ◐ | 0544 | 2.0 60 | 23 Sa ◑ | 0524 | 1.0 30 |
| | 1104 | 13.1 400 | | 1037 | 13.8 420 |
| | 1742 | 2.3 70 | | 1727 | 1.6 50 |
| | 2326 | 14.1 430 | | 2254 | 15.7 480 |
| 9 Sa | 0641 | 2.3 70 | 24 Su | 0621 | 1.6 50 |
| | 1203 | 11.8 360 | | 1141 | 12.5 380 |
| | 1821 | 3.0 90 | | 1819 | 2.3 70 |
| 10 Su | 0025 | 13.5 410 | 25 M | 0002 | 15.1 460 |
| | 0751 | 2.6 80 | | 0736 | 2.0 60 |
| | 1310 | 10.5 320 | | 1254 | 11.5 350 |
| | 1922 | 3.6 110 | | 1934 | 3.0 90 |
| 11 M | 0130 | 13.1 400 | 26 Tu | 0116 | 14.8 450 |
| | 0904 | 2.6 80 | | 0856 | 2.0 60 |
| | 1422 | 10.2 310 | | 1410 | 11.2 340 |
| | 2050 | 3.6 110 | | 2101 | 3.0 90 |
| 12 Tu | 0235 | 13.1 400 | 27 W | 0228 | 14.8 450 |
| | 1009 | 2.3 70 | | 1007 | 1.6 50 |
| | 1532 | 10.5 320 | | 1520 | 11.8 360 |
| | 2159 | 3.3 100 | | 2214 | 2.3 70 |
| 13 W | 0335 | 13.5 410 | 28 Th | 0334 | 15.4 470 |
| | 1103 | 1.6 50 | | 1107 | 1.0 30 |
| | 1627 | 11.2 340 | | 1620 | 12.8 390 |
| | 2256 | 2.6 80 | | 2316 | 1.6 50 |
| 14 Th | 0425 | 14.4 440 | 29 F | 0431 | 16.1 490 |
| | 1150 | 1.3 40 | | 1200 | 0.7 20 |
| | 1708 | 12.1 370 | | 1710 | 13.8 420 |
| | 2346 | 2.0 60 | | | |
| 15 F | 0508 | 15.1 460 | 30 Sa ● | 0010 | 1.3 40 |
| | 1232 | 1.0 30 | | 0521 | 16.7 510 |
| | 1744 | 13.5 410 | | 1248 | 0.7 20 |
| | | | | 1753 | 14.8 450 |
| | | | 31 Su | 0059 | 1.0 30 |
| | | | | 0606 | 17.1 520 |
| | | | | 1331 | 0.7 20 |
| | | | | 1833 | 15.7 480 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 M | 0145 | 0.7 20 | 16 Tu | 0133 | 0.7 20 |
| | 0648 | 17.4 530 | | 0638 | 17.1 520 |
| | 1410 | 1.0 30 | | 1352 | 1.0 30 |
| | 1912 | 16.4 500 | | 1852 | 17.4 530 |
| 2 Tu | 0228 | 0.7 20 | 17 W | 0215 | 0.7 20 |
| | 0730 | 17.1 520 | | 0716 | 17.1 520 |
| | 1448 | 1.0 30 | | 1429 | 1.0 30 |
| | 1950 | 16.7 510 | | 1928 | 18.0 550 |
| 3 W | 0309 | 1.0 30 | 18 Th | 0256 | 0.7 20 |
| | 0812 | 16.7 510 | | 0756 | 16.7 510 |
| | 1522 | 1.3 40 | | 1506 | 1.0 30 |
| | 2029 | 16.7 510 | | 2005 | 18.0 550 |
| 4 Th | 0349 | 1.3 40 | 19 F | 0338 | 0.7 20 |
| | 0855 | 15.7 480 | | 0839 | 16.1 490 |
| | 1553 | 1.6 50 | | 1544 | 1.3 40 |
| | 2109 | 16.1 490 | | 2046 | 17.7 540 |
| 5 F | 0427 | 1.6 50 | 20 Sa | 0423 | 1.0 30 |
| | 0940 | 14.4 440 | | 0928 | 14.8 450 |
| | 1620 | 2.0 60 | | 1624 | 1.6 50 |
| | 2152 | 15.4 470 | | 2135 | 17.1 520 |
| 6 Sa | 0507 | 2.3 70 | 21 Su | 0513 | 1.6 50 |
| | 1030 | 12.8 390 | | 1024 | 13.5 410 |
| | 1645 | 2.6 80 | | 1708 | 2.3 70 |
| | 2241 | 14.4 440 | | 2234 | 15.7 480 |
| 7 Su ◐ | 0553 | 3.0 90 | 22 M ◑ | 0613 | 2.3 70 |
| | 1126 | 11.5 350 | | 1129 | 12.1 370 |
| | 1718 | 3.0 90 | | 1806 | 3.3 100 |
| | 2339 | 13.5 410 | | 2346 | 14.8 450 |
| 8 M | 0659 | 3.3 100 | 23 Tu | 0727 | 2.6 80 |
| | 1231 | 10.2 310 | | 1241 | 11.5 350 |
| | 1804 | 3.6 110 | | 1930 | 3.6 110 |
| 9 Tu | 0046 | 12.8 390 | 24 W | 0101 | 14.4 440 |
| | 0824 | 3.3 100 | | 0841 | 2.3 70 |
| | 1343 | 9.8 300 | | 1355 | 11.5 350 |
| | 1911 | 4.3 130 | | 2053 | 3.3 100 |
| 10 W | 0156 | 12.8 390 | 25 Th | 0214 | 14.4 440 |
| | 0934 | 3.0 90 | | 0947 | 1.6 50 |
| | 1454 | 10.5 320 | | 1503 | 12.5 380 |
| | 2123 | 3.9 120 | | 2201 | 2.3 70 |
| 11 Th | 0301 | 13.1 400 | 26 F | 0320 | 15.1 460 |
| | 1029 | 2.3 70 | | 1044 | 1.3 40 |
| | 1549 | 11.5 350 | | 1559 | 13.5 410 |
| | 2228 | 3.0 90 | | 2259 | 1.6 50 |
| 12 F | 0355 | 14.1 430 | 27 Sa | 0415 | 15.7 480 |
| | 1116 | 1.6 50 | | 1134 | 1.0 30 |
| | 1632 | 12.8 390 | | 1647 | 14.8 450 |
| | 2320 | 2.0 60 | | 2352 | 1.0 30 |
| 13 Sa | 0440 | 15.1 460 | 28 Su | 0504 | 16.4 500 |
| | 1158 | 1.3 40 | | 1219 | 1.0 30 |
| | 1708 | 14.1 430 | | 1728 | 16.1 490 |
| 14 Su | 0007 | 1.3 40 | 29 M ● | 0039 | 0.7 20 |
| | 0521 | 16.1 490 | | 0547 | 16.7 510 |
| | 1237 | 1.0 30 | | 1301 | 1.0 30 |
| | 1743 | 15.4 470 | | 1807 | 16.7 510 |
| 15 M ○ | 0051 | 1.0 30 | 30 Tu | 0124 | 0.7 20 |
| | 0559 | 16.7 510 | | 0628 | 16.7 510 |
| | 1315 | 1.0 30 | | 1339 | 1.3 40 |
| | 1818 | 16.7 510 | | 1844 | 17.4 530 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Quebec, Quebec, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** W | 0206 | 1.0 30 | **16** Th | 0152 | 0.7 20 |
| | 0708 | 16.7 510 | | 0654 | 17.1 520 |
| | 1415 | 1.6 50 | | 1400 | 1.3 40 |
| | 1920 | 17.4 530 | | 1901 | 19.0 580 |
| **2** Th | 0245 | 1.3 40 | **17** F | 0237 | 0.7 20 |
| | 0748 | 16.1 490 | | 0738 | 16.4 500 |
| | 1448 | 2.0 60 | | 1442 | 1.6 50 |
| | 1956 | 17.1 520 | | 1942 | 18.7 570 |
| **3** F | 0323 | 1.6 50 | **18** Sa | 0323 | 1.0 30 |
| | 0829 | 15.4 470 | | 0825 | 15.7 480 |
| | 1516 | 2.3 70 | | 1524 | 2.0 60 |
| | 2033 | 16.7 510 | | 2028 | 18.0 550 |
| **4** Sa | 0359 | 2.3 70 | **19** Su | 0411 | 1.6 50 |
| | 0913 | 14.1 430 | | 0916 | 14.4 440 |
| | 1539 | 2.6 80 | | 1609 | 2.6 80 |
| | 2112 | 15.7 480 | | 2121 | 17.1 520 |
| **5** Su | 0434 | 2.6 80 | **20** M | 0504 | 2.0 60 |
| | 0959 | 12.8 390 | | 1013 | 13.5 410 |
| | 1605 | 3.0 90 | | 1659 | 3.0 90 |
| | 2157 | 14.8 450 | | 2222 | 16.1 490 |
| **6** M | 0511 | 3.3 100 | **21** Tu ◑ | 0603 | 2.3 70 |
| | 1053 | 11.8 360 | | 1115 | 12.8 390 |
| | 1641 | 3.3 100 | | 1802 | 3.6 110 |
| | 2253 | 13.8 420 | | 2331 | 15.1 460 |
| **7** Tu ◐ | 0601 | 3.6 110 | **22** W | 0710 | 2.6 80 |
| | 1154 | 10.8 330 | | 1222 | 12.5 380 |
| | 1727 | 3.9 120 | | 1920 | 3.6 110 |
| **8** W | 0001 | 13.1 400 | **23** Th | 0042 | 14.4 440 |
| | 0726 | 3.6 110 | | 0817 | 2.6 80 |
| | 1259 | 10.5 320 | | 1329 | 12.5 380 |
| | 1828 | 4.3 130 | | 2034 | 3.3 100 |
| **9** Th | 0112 | 12.8 390 | **24** F | 0152 | 14.4 440 |
| | 0844 | 3.3 100 | | 0918 | 2.0 60 |
| | 1403 | 11.2 340 | | 1434 | 13.5 410 |
| | 2033 | 4.3 130 | | 2140 | 2.3 70 |
| **10** F | 0218 | 13.5 410 | **25** Sa | 0257 | 14.8 450 |
| | 0942 | 3.0 90 | | 1013 | 1.6 50 |
| | 1459 | 12.1 370 | | 1530 | 14.4 440 |
| | 2150 | 3.3 100 | | 2237 | 1.3 40 |
| **11** Sa | 0315 | 14.1 430 | **26** Su | 0354 | 15.1 460 |
| | 1031 | 2.3 70 | | 1102 | 1.3 40 |
| | 1545 | 13.8 420 | | 1619 | 15.7 480 |
| | 2245 | 2.3 70 | | 2329 | 0.7 20 |
| **12** Su | 0404 | 15.4 470 | **27** M | 0443 | 15.7 480 |
| | 1115 | 2.0 60 | | 1148 | 1.3 40 |
| | 1626 | 15.4 470 | | 1701 | 16.7 510 |
| | 2335 | 1.6 50 | | | |
| **13** M | 0448 | 16.4 500 | **28** Tu ● | 0017 | 0.7 20 |
| | 1157 | 1.6 50 | | 0527 | 16.1 490 |
| | 1705 | 16.7 510 | | 1230 | 1.6 50 |
| | | | | 1740 | 17.4 530 |
| **14** Tu ○ | 0022 | 1.0 30 | **29** W | 0102 | 1.0 30 |
| | 0531 | 17.1 520 | | 0608 | 16.1 490 |
| | 1238 | 1.3 40 | | 1308 | 2.0 60 |
| | 1743 | 18.0 550 | | 1817 | 17.7 540 |
| **15** W | 0107 | 0.7 20 | **30** Th | 0144 | 1.3 40 |
| | 0612 | 17.4 530 | | 0648 | 15.7 480 |
| | 1319 | 1.3 40 | | 1344 | 2.3 70 |
| | 1821 | 18.7 570 | | 1853 | 17.4 530 |
| | | | **31** F | 0223 | 2.0 60 |
| | | | | 0727 | 15.4 470 |
| | | | | 1417 | 2.6 80 |
| | | | | 1928 | 17.4 530 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0301 | 2.3 70 | **16** Su | 0311 | 1.3 40 |
| | 0808 | 14.8 450 | | 0813 | 15.4 470 |
| | 1444 | 3.0 90 | | 1510 | 2.3 70 |
| | 2004 | 16.7 510 | | 2017 | 18.0 550 |
| **2** Su | 0336 | 2.6 80 | **17** M | 0400 | 1.6 50 |
| | 0850 | 14.1 430 | | 0904 | 14.8 450 |
| | 1510 | 3.0 90 | | 1559 | 2.6 80 |
| | 2041 | 16.1 490 | | 2111 | 17.4 530 |
| **3** M | 0410 | 3.0 90 | **18** Tu | 0451 | 2.0 60 |
| | 0934 | 13.1 400 | | 0958 | 14.1 430 |
| | 1540 | 3.3 100 | | 1652 | 3.0 90 |
| | 2123 | 15.1 460 | | 2208 | 16.4 500 |
| **4** Tu | 0444 | 3.0 90 | **19** W ◑ | 0545 | 2.3 70 |
| | 1023 | 12.5 380 | | 1054 | 13.8 420 |
| | 1618 | 3.3 100 | | 1751 | 3.0 90 |
| | 2215 | 14.4 440 | | 2310 | 15.4 470 |
| **5** W ◐ | 0525 | 3.3 100 | **20** Th | 0642 | 2.3 70 |
| | 1116 | 11.8 360 | | 1153 | 13.5 410 |
| | 1705 | 3.6 110 | | 1858 | 3.0 90 |
| | 2318 | 13.8 420 | | | |
| **6** Th | 0620 | 3.3 100 | **21** F | 0015 | 14.4 440 |
| | 1213 | 11.8 360 | | 0742 | 2.3 70 |
| | 1802 | 3.9 120 | | 1255 | 13.5 410 |
| | | | | 2007 | 2.6 80 |
| **7** F | 0025 | 13.5 410 | **22** Sa | 0122 | 14.1 430 |
| | 0733 | 3.3 100 | | 0841 | 2.3 70 |
| | 1310 | 12.1 370 | | 1357 | 14.1 430 |
| | 1926 | 3.9 120 | | 2112 | 2.0 60 |
| **8** Sa | 0129 | 13.5 410 | **23** Su | 0228 | 14.1 430 |
| | 0840 | 3.0 90 | | 0937 | 2.0 60 |
| | 1405 | 13.1 400 | | 1456 | 14.8 450 |
| | 2101 | 3.3 100 | | 2211 | 1.3 40 |
| **9** Su | 0230 | 14.1 430 | **24** M | 0329 | 14.1 430 |
| | 0937 | 2.6 80 | | 1028 | 2.0 60 |
| | 1456 | 14.8 450 | | 1548 | 15.7 480 |
| | 2205 | 2.3 70 | | 2305 | 1.0 30 |
| **10** M | 0324 | 15.1 460 | **25** Tu | 0422 | 14.4 440 |
| | 1027 | 2.3 70 | | 1116 | 2.0 60 |
| | 1543 | 16.1 490 | | 1634 | 16.4 500 |
| | 2300 | 1.6 50 | | 2354 | 0.7 20 |
| **11** Tu | 0415 | 15.7 480 | **26** W | 0509 | 14.8 450 |
| | 1116 | 2.0 60 | | 1159 | 2.0 60 |
| | 1628 | 17.7 540 | | 1716 | 16.7 510 |
| | 2352 | 1.0 30 | | | |
| **12** W | 0502 | 16.4 500 | **27** Th ● | 0040 | 1.0 30 |
| | 1203 | 1.6 50 | | 0551 | 14.8 450 |
| | 1712 | 18.7 570 | | 1240 | 2.3 70 |
| | | | | 1754 | 17.1 520 |
| **13** Th ○ | 0043 | 1.0 30 | **28** F | 0123 | 1.6 50 |
| | 0549 | 16.4 500 | | 0631 | 14.8 450 |
| | 1250 | 1.6 50 | | 1318 | 2.6 80 |
| | 1756 | 19.4 590 | | 1831 | 17.1 520 |
| **14** F | 0132 | 1.0 30 | **29** Sa | 0204 | 2.0 60 |
| | 0636 | 16.4 500 | | 0710 | 14.4 440 |
| | 1336 | 1.6 50 | | 1353 | 3.0 90 |
| | 1841 | 19.4 590 | | 1907 | 16.7 510 |
| **15** Sa | 0222 | 1.0 30 | **30** Su | 0242 | 2.3 70 |
| | 0723 | 15.7 480 | | 0749 | 14.4 440 |
| | 1423 | 2.0 60 | | 1426 | 3.0 90 |
| | 1927 | 19.0 580 | | 1943 | 16.4 500 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** M | 0318 | 2.6 80 | **16** Tu | 0345 | 1.3 40 |
| | 0830 | 14.1 430 | | 0847 | 15.1 460 |
| | 1457 | 3.0 90 | | 1549 | 2.0 60 |
| | 2021 | 16.1 490 | | 2057 | 17.4 530 |
| **2** Tu | 0352 | 2.6 80 | **17** W | 0432 | 1.3 40 |
| | 0911 | 13.8 420 | | 0936 | 14.8 450 |
| | 1531 | 3.0 90 | | 1638 | 2.0 60 |
| | 2102 | 15.4 470 | | 2149 | 16.4 500 |
| **3** W | 0425 | 2.6 80 | **18** Th | 0518 | 1.6 50 |
| | 0953 | 13.5 410 | | 1026 | 14.4 440 |
| | 1609 | 3.0 90 | | 1730 | 2.0 60 |
| | 2147 | 15.1 460 | | 2244 | 15.4 470 |
| **4** Th | 0500 | 2.3 70 | **19** F ◑ | 0607 | 2.0 60 |
| | 1037 | 13.1 400 | | 1119 | 14.4 440 |
| | 1653 | 3.0 90 | | 1828 | 2.3 70 |
| | 2239 | 14.4 440 | | 2343 | 14.4 440 |
| **5** F ◐ | 0541 | 2.6 80 | **20** Sa | 0700 | 2.3 70 |
| | 1125 | 13.1 400 | | 1216 | 14.1 430 |
| | 1744 | 3.0 90 | | 1932 | 2.0 60 |
| | 2338 | 14.1 430 | | | |
| **6** Sa | 0629 | 2.6 80 | **21** Su | 0046 | 13.5 410 |
| | 1217 | 13.5 410 | | 0758 | 2.3 70 |
| | 1846 | 3.0 90 | | 1317 | 14.1 430 |
| | | | | 2039 | 2.0 60 |
| **7** Su | 0040 | 13.8 420 | **22** M | 0153 | 12.8 390 |
| | 0727 | 2.6 80 | | 0857 | 2.3 70 |
| | 1312 | 14.1 430 | | 1419 | 14.4 440 |
| | 2006 | 2.6 80 | | 2142 | 1.3 40 |
| **8** M | 0144 | 13.8 420 | **23** Tu | 0300 | 12.8 390 |
| | 0834 | 2.6 80 | | 0953 | 2.3 70 |
| | 1408 | 15.1 460 | | 1518 | 14.8 450 |
| | 2122 | 2.3 70 | | 2240 | 1.0 30 |
| **9** Tu | 0245 | 14.1 430 | **24** W | 0401 | 12.8 390 |
| | 0938 | 2.3 70 | | 1045 | 2.3 70 |
| | 1504 | 16.4 500 | | 1610 | 15.4 470 |
| | 2227 | 1.6 50 | | 2333 | 1.0 30 |
| **10** W | 0343 | 14.4 440 | **25** Th | 0453 | 13.1 400 |
| | 1037 | 2.0 60 | | 1132 | 2.3 70 |
| | 1557 | 17.7 540 | | 1655 | 15.7 480 |
| | 2327 | 1.3 40 | | | |
| **11** Th | 0438 | 14.8 450 | **26** F | 0021 | 1.0 30 |
| | 1133 | 1.6 50 | | 0537 | 13.5 410 |
| | 1648 | 18.4 560 | | 1217 | 2.3 70 |
| | | | | 1736 | 16.1 490 |
| **12** F ○ | 0023 | 1.0 30 | **27** Sa ● | 0105 | 1.3 40 |
| | 0530 | 15.1 460 | | 0616 | 13.8 420 |
| | 1227 | 1.6 50 | | 1258 | 2.3 70 |
| | 1738 | 18.7 570 | | 1814 | 16.1 490 |
| **13** Sa | 0117 | 1.0 30 | **28** Su | 0146 | 1.6 50 |
| | 0621 | 15.4 470 | | 0654 | 13.8 420 |
| | 1319 | 1.6 50 | | 1338 | 2.3 70 |
| | 1827 | 18.7 570 | | 1852 | 16.1 490 |
| **14** Su | 0209 | 1.0 30 | **29** M | 0224 | 1.6 50 |
| | 0710 | 15.1 460 | | 0731 | 14.1 430 |
| | 1410 | 1.6 50 | | 1416 | 2.3 70 |
| | 1916 | 18.4 560 | | 1929 | 16.1 490 |
| **15** M | 0258 | 1.0 30 | **30** Tu | 0259 | 1.6 50 |
| | 0759 | 15.1 460 | | 0808 | 14.1 430 |
| | 1459 | 1.6 50 | | 1453 | 2.3 70 |
| | 2006 | 18.0 550 | | 2006 | 16.1 490 |
| | | | **31** W | 0333 | 1.6 50 |
| | | | | 0844 | 14.4 440 |
| | | | | 1528 | 2.3 70 |
| | | | | 2044 | 15.7 480 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Halifax, Nova Scotia, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0159 | 5.6 170 | 16 W | 0108 | 5.6 170 |
| | 0915 | 2.0 60 | | 0821 | 1.3 40 |
| | 1427 | 4.6 140 | | 1339 | 4.9 150 |
| | 2104 | 2.0 60 | | 2024 | 1.6 50 |
| 2 W | 0253 | 5.2 160 | 17 Th | 0203 | 5.6 170 |
| | 1004 | 1.6 50 | | 0922 | 1.0 30 |
| | 1535 | 4.6 140 | | 1449 | 4.9 150 |
| | 2158 | 2.3 70 | | 2128 | 1.6 50 |
| 3 Th | 0349 | 5.2 160 | 18 F | 0308 | 5.9 180 |
| | 1051 | 1.6 50 | | 1024 | 1.0 30 |
| | 1641 | 4.6 140 | | 1606 | 4.9 150 |
| | 2253 | 2.3 70 | | 2234 | 1.6 50 |
| 4 F | 0442 | 5.2 160 | 19 Sa | 0418 | 5.9 180 |
| | 1136 | 1.3 40 | | 1127 | 0.7 20 |
| | 1738 | 4.6 140 | | 1720 | 4.9 150 |
| | 2345 | 2.3 70 | | 2340 | 1.6 50 |
| 5 Sa | 0529 | 5.2 160 | 20 Su | 0526 | 5.9 180 |
| | 1218 | 1.3 40 | | 1227 | 0.7 20 |
| | 1827 | 4.9 150 | | 1824 | 5.2 160 |
| 6 Su | 0029 | 2.3 70 | 21 M | 0043 | 1.6 50 |
| | 0614 | 5.2 160 | | 0628 | 6.2 190 |
| | 1259 | 1.0 30 | | 1324 | 0.3 10 |
| | 1910 | 4.9 150 | | 1921 | 5.6 170 |
| 7 M | 0109 | 2.3 70 | 22 Tu ○ | 0142 | 1.3 40 |
| | 0657 | 5.6 170 | | 0724 | 6.2 190 |
| | 1340 | 1.0 30 | | 1415 | 0.3 10 |
| | 1950 | 5.2 160 | | 2012 | 5.9 180 |
| 8 Tu ● | 0145 | 2.0 60 | 23 W | 0236 | 1.3 40 |
| | 0739 | 5.9 180 | | 0816 | 6.2 190 |
| | 1420 | 0.7 20 | | 1503 | 0.3 10 |
| | 2029 | 5.2 160 | | 2059 | 5.9 180 |
| 9 W | 0223 | 2.0 60 | 24 Th | 0327 | 1.3 40 |
| | 0819 | 5.9 180 | | 0904 | 6.2 190 |
| | 1459 | 0.7 20 | | 1548 | 0.3 10 |
| | 2106 | 5.2 160 | | 2143 | 6.2 190 |
| 10 Th | 0303 | 2.0 60 | 25 F | 0417 | 1.3 40 |
| | 0859 | 5.9 180 | | 0949 | 5.9 180 |
| | 1538 | 0.7 20 | | 1630 | 0.7 20 |
| | 2144 | 5.6 170 | | 2223 | 6.2 190 |
| 11 F | 0347 | 1.6 50 | 26 Sa | 0505 | 1.6 50 |
| | 0939 | 5.9 180 | | 1033 | 5.9 180 |
| | 1618 | 0.7 20 | | 1710 | 1.0 30 |
| | 2221 | 5.6 170 | | 2302 | 5.9 180 |
| 12 Sa | 0435 | 1.6 50 | 27 Su | 0553 | 1.6 50 |
| | 1019 | 5.9 180 | | 1115 | 5.6 170 |
| | 1658 | 0.7 20 | | 1749 | 1.6 50 |
| | 2259 | 5.6 170 | | 2341 | 5.9 180 |
| 13 Su | 0527 | 1.6 50 | 28 M | 0642 | 1.6 50 |
| | 1102 | 5.6 170 | | 1159 | 5.2 160 |
| | 1742 | 1.0 30 | | 1829 | 2.0 60 |
| | 2338 | 5.9 180 | | | |
| 14 M | 0623 | 1.6 50 | 29 Tu | 0022 | 5.6 170 |
| | 1148 | 5.6 170 | | 0732 | 2.0 60 |
| | 1831 | 1.3 40 | | 1245 | 4.9 150 |
| | | | | 1915 | 2.0 60 |
| 15 Tu ◐ | 0021 | 5.9 180 | 30 W ◑ | 0106 | 5.6 170 |
| | 0721 | 1.6 50 | | 0822 | 2.0 60 |
| | 1240 | 5.2 160 | | 1337 | 4.6 140 |
| | 1925 | 1.3 40 | | 2010 | 2.3 70 |
| | | | 31 Th | 0156 | 5.2 160 |
| | | | | 0911 | 2.0 60 |
| | | | | 1441 | 4.3 130 |
| | | | | 2109 | 2.6 80 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 F | 0255 | 4.9 150 | 16 Sa | 0248 | 5.6 170 |
| | 1001 | 2.0 60 | | 1013 | 1.0 30 |
| | 1557 | 4.6 140 | | 1557 | 4.6 140 |
| | 2209 | 2.6 80 | | 2232 | 2.0 60 |
| 2 Sa | 0359 | 4.9 150 | 17 Su | 0409 | 5.6 170 |
| | 1051 | 1.6 50 | | 1116 | 1.0 30 |
| | 1707 | 4.6 140 | | 1719 | 4.9 150 |
| | 2304 | 2.6 80 | | 2336 | 1.6 50 |
| 3 Su | 0459 | 5.2 160 | 18 M | 0523 | 5.6 170 |
| | 1141 | 1.3 40 | | 1215 | 0.7 20 |
| | 1800 | 4.9 150 | | 1819 | 5.2 160 |
| | 2352 | 2.3 70 | | | |
| 4 M | 0550 | 5.2 160 | 19 Tu | 0036 | 1.6 50 |
| | 1228 | 1.0 30 | | 0622 | 5.9 180 |
| | 1844 | 4.9 150 | | 1309 | 0.7 20 |
| | | | | 1909 | 5.6 170 |
| 5 Tu | 0035 | 2.0 60 | 20 W ○ | 0130 | 1.3 40 |
| | 0635 | 5.6 170 | | 0713 | 5.9 180 |
| | 1313 | 1.0 30 | | 1357 | 0.7 20 |
| | 1924 | 5.2 160 | | 1953 | 5.9 180 |
| 6 W ● | 0116 | 2.0 60 | 21 Th | 0219 | 1.3 40 |
| | 0717 | 5.9 180 | | 0759 | 6.2 190 |
| | 1353 | 0.7 20 | | 1440 | 0.7 20 |
| | 2002 | 5.2 160 | | 2034 | 6.2 190 |
| 7 Th | 0158 | 1.6 50 | 22 F | 0304 | 1.3 40 |
| | 0757 | 5.9 180 | | 0843 | 6.2 190 |
| | 1432 | 0.3 10 | | 1519 | 0.7 20 |
| | 2038 | 5.6 170 | | 2112 | 6.2 190 |
| 8 F | 0241 | 1.3 40 | 23 Sa | 0345 | 1.3 40 |
| | 0838 | 6.2 190 | | 0925 | 5.9 180 |
| | 1510 | 0.3 10 | | 1554 | 1.0 30 |
| | 2115 | 5.9 180 | | 2148 | 6.2 190 |
| 9 Sa | 0327 | 1.3 40 | 24 Su | 0425 | 1.3 40 |
| | 0918 | 5.9 180 | | 1005 | 5.6 170 |
| | 1548 | 0.3 10 | | 1625 | 1.3 40 |
| | 2152 | 5.9 180 | | 2224 | 5.9 180 |
| 10 Su | 0414 | 1.0 30 | 25 M | 0505 | 1.3 40 |
| | 1001 | 5.9 180 | | 1045 | 5.6 170 |
| | 1629 | 0.7 20 | | 1655 | 1.6 50 |
| | 2230 | 5.9 180 | | 2300 | 5.9 180 |
| 11 M | 0506 | 1.0 30 | 26 Tu | 0547 | 1.6 50 |
| | 1045 | 5.6 170 | | 1125 | 5.2 160 |
| | 1715 | 1.0 30 | | 1730 | 2.0 60 |
| | 2310 | 5.9 180 | | 2338 | 5.6 170 |
| 12 Tu | 0602 | 1.0 30 | 27 W | 0632 | 2.0 60 |
| | 1131 | 5.6 170 | | 1206 | 4.9 150 |
| | 1808 | 1.3 40 | | 1817 | 2.3 70 |
| | 2353 | 5.9 180 | | | |
| 13 W ◐ | 0702 | 1.0 30 | 28 Th ◑ | 0018 | 5.2 160 |
| | 1222 | 5.2 160 | | 0722 | 2.0 60 |
| | 1911 | 1.6 50 | | 1252 | 4.6 140 |
| | | | | 1920 | 2.6 80 |
| 14 Th | 0042 | 5.6 170 | 29 F | 0104 | 4.9 150 |
| | 0804 | 1.0 30 | | 0814 | 2.0 60 |
| | 1319 | 4.9 150 | | 1349 | 4.6 140 |
| | 2018 | 1.6 50 | | 2026 | 2.6 80 |
| 15 F | 0139 | 5.6 170 | | | |
| | 0908 | 1.0 30 | | | |
| | 1429 | 4.6 140 | | | |
| | 2125 | 2.0 60 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0201 | 4.9 150 | 16 Su | 0239 | 5.2 160 |
| | 0909 | 2.0 60 | | 1001 | 1.0 30 |
| | 1506 | 4.6 140 | | 1602 | 4.9 150 |
| | 2127 | 2.6 80 | | 2229 | 2.0 60 |
| 2 Su | 0312 | 4.9 150 | 17 M | 0408 | 5.2 160 |
| | 1005 | 2.0 60 | | 1102 | 1.0 30 |
| | 1630 | 4.6 140 | | 1715 | 5.2 160 |
| | 2223 | 2.6 80 | | 2330 | 1.6 50 |
| 3 M | 0423 | 4.9 150 | 18 Tu | 0518 | 5.6 170 |
| | 1059 | 1.6 50 | | 1159 | 1.0 30 |
| | 1728 | 4.9 150 | | 1805 | 5.6 170 |
| | 2314 | 2.3 70 | | | |
| 4 Tu | 0519 | 5.2 160 | 19 W | 0025 | 1.6 50 |
| | 1150 | 1.3 40 | | 0611 | 5.6 170 |
| | 1812 | 4.9 150 | | 1249 | 1.0 30 |
| | | | | 1847 | 5.9 180 |
| 5 W | 0002 | 2.0 60 | 20 Th | 0115 | 1.3 40 |
| | 0606 | 5.6 170 | | 0657 | 5.9 180 |
| | 1236 | 1.0 30 | | 1334 | 0.7 20 |
| | 1850 | 5.2 160 | | 1925 | 5.9 180 |
| 6 Th | 0048 | 1.6 50 | 21 F ○ | 0158 | 1.3 40 |
| | 0649 | 5.9 180 | | 0739 | 5.9 180 |
| | 1318 | 0.7 20 | | 1414 | 1.0 30 |
| | 1927 | 5.6 170 | | 2002 | 5.9 180 |
| 7 F ● | 0134 | 1.3 40 | 22 Sa | 0237 | 1.0 30 |
| | 0731 | 5.9 180 | | 0820 | 5.9 180 |
| | 1357 | 0.3 10 | | 1449 | 1.0 30 |
| | 2003 | 5.9 180 | | 2037 | 5.9 180 |
| 8 Sa | 0220 | 1.0 30 | 23 Su | 0313 | 1.0 30 |
| | 0814 | 5.9 180 | | 0859 | 5.9 180 |
| | 1436 | 0.3 10 | | 1519 | 1.3 40 |
| | 2041 | 6.2 190 | | 2111 | 5.9 180 |
| 9 Su | 0306 | 0.7 20 | 24 M | 0347 | 1.0 30 |
| | 0857 | 5.9 180 | | 0939 | 5.6 170 |
| | 1517 | 0.3 10 | | 1545 | 1.6 50 |
| | 2121 | 6.2 190 | | 2146 | 5.9 180 |
| 10 M | 0355 | 0.3 10 | 25 Tu | 0420 | 1.3 40 |
| | 0942 | 5.9 180 | | 1017 | 5.2 160 |
| | 1602 | 0.7 20 | | 1612 | 2.0 60 |
| | 2202 | 6.2 190 | | 2221 | 5.6 170 |
| 11 Tu | 0447 | 0.7 20 | 26 W | 0456 | 1.3 40 |
| | 1028 | 5.6 170 | | 1055 | 5.2 160 |
| | 1654 | 1.0 30 | | 1646 | 2.3 70 |
| | 2245 | 6.2 190 | | 2258 | 5.6 170 |
| 12 W | 0545 | 0.7 20 | 27 Th | 0539 | 1.6 50 |
| | 1116 | 5.6 170 | | 1133 | 4.9 150 |
| | 1757 | 1.3 40 | | 1736 | 2.6 80 |
| | 2332 | 5.9 180 | | 2337 | 5.2 160 |
| 13 Th | 0648 | 0.7 20 | 28 F | 0629 | 2.0 60 |
| | 1208 | 5.2 160 | | 1216 | 4.9 150 |
| | 1907 | 1.6 50 | | 1843 | 2.6 80 |
| 14 F ◐ | 0023 | 5.6 170 | 29 Sa ◑ | 0021 | 4.9 150 |
| | 0753 | 1.0 30 | | 0725 | 2.0 60 |
| | 1307 | 4.9 150 | | 1307 | 4.6 140 |
| | 2017 | 2.0 60 | | 1950 | 3.0 90 |
| 15 Sa | 0123 | 5.2 160 | 30 Su | 0113 | 4.9 150 |
| | 0858 | 1.0 30 | | 0823 | 2.0 60 |
| | 1423 | 4.6 140 | | 1417 | 4.6 140 |
| | 2124 | 2.0 60 | | 2050 | 2.6 80 |
| | | | 31 M | 0219 | 4.9 150 |
| | | | | 0920 | 2.0 60 |
| | | | | 1543 | 4.6 140 |
| | | | | 2145 | 2.6 80 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Halifax, Nova Scotia, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0336 | 4.9 | 150 |
| | 1014 | 1.6 | 50 |
| | 1646 | 4.9 | 150 |
| | 2239 | 2.3 | 70 |
| **2** W | 0440 | 5.2 | 160 |
| | 1105 | 1.3 | 40 |
| | 1730 | 5.2 | 160 |
| | 2331 | 2.0 | 60 |
| **3** Th | 0532 | 5.6 | 170 |
| | 1152 | 1.0 | 30 |
| | 1808 | 5.6 | 170 |
| **4** F | 0021 | 1.3 | 40 |
| | 0619 | 5.6 | 170 |
| | 1237 | 0.7 | 20 |
| | 1846 | 5.9 | 180 |
| **5** Sa ● | 0110 | 0.7 | 20 |
| | 0704 | 5.9 | 180 |
| | 1320 | 0.7 | 20 |
| | 1925 | 6.2 | 190 |
| **6** Su | 0158 | 0.3 | 10 |
| | 0750 | 5.9 | 180 |
| | 1404 | 0.3 | 10 |
| | 2007 | 6.6 | 200 |
| **7** M | 0247 | 0.0 | 0 |
| | 0837 | 5.9 | 180 |
| | 1452 | 0.7 | 20 |
| | 2051 | 6.6 | 200 |
| **8** Tu | 0338 | 0.0 | 0 |
| | 0925 | 5.9 | 180 |
| | 1544 | 0.7 | 20 |
| | 2138 | 6.6 | 200 |
| **9** W | 0432 | 0.0 | 0 |
| | 1015 | 5.6 | 170 |
| | 1644 | 1.0 | 30 |
| | 2226 | 6.2 | 190 |
| **10** Th | 0532 | 0.3 | 10 |
| | 1106 | 5.6 | 170 |
| | 1754 | 1.6 | 50 |
| | 2316 | 5.9 | 180 |
| **11** F | 0636 | 0.7 | 20 |
| | 1200 | 5.2 | 160 |
| | 1905 | 1.6 | 50 |
| **12** Sa ◐ | 0011 | 5.6 | 170 |
| | 0740 | 1.0 | 30 |
| | 1303 | 4.9 | 150 |
| | 2013 | 2.0 | 60 |
| **13** Su | 0114 | 5.2 | 160 |
| | 0843 | 1.0 | 30 |
| | 1422 | 4.9 | 150 |
| | 2118 | 2.0 | 60 |
| **14** M | 0232 | 4.9 | 150 |
| | 0943 | 1.3 | 40 |
| | 1552 | 4.9 | 150 |
| | 2219 | 2.0 | 60 |
| **15** Tu | 0358 | 4.9 | 150 |
| | 1041 | 1.3 | 40 |
| | 1653 | 5.2 | 160 |
| | 2316 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0503 | 5.2 | 160 |
| | 1134 | 1.3 | 40 |
| | 1737 | 5.6 | 170 |
| **17** Th | 0008 | 1.3 | 40 |
| | 0552 | 5.2 | 160 |
| | 1224 | 1.3 | 40 |
| | 1816 | 5.6 | 170 |
| **18** F | 0054 | 1.3 | 40 |
| | 0636 | 5.6 | 170 |
| | 1308 | 1.3 | 40 |
| | 1852 | 5.9 | 180 |
| **19** Sa | 0135 | 1.0 | 30 |
| | 0717 | 5.6 | 170 |
| | 1347 | 1.3 | 40 |
| | 1927 | 5.9 | 180 |
| **20** Su ○ | 0211 | 1.0 | 30 |
| | 0757 | 5.6 | 170 |
| | 1421 | 1.6 | 50 |
| | 2002 | 5.9 | 180 |
| **21** M | 0244 | 1.0 | 30 |
| | 0837 | 5.6 | 170 |
| | 1450 | 1.6 | 50 |
| | 2036 | 5.9 | 180 |
| **22** Tu | 0315 | 1.0 | 30 |
| | 0916 | 5.6 | 170 |
| | 1516 | 2.0 | 60 |
| | 2112 | 5.6 | 170 |
| **23** W | 0347 | 1.0 | 30 |
| | 0953 | 5.2 | 160 |
| | 1545 | 2.3 | 70 |
| | 2148 | 5.6 | 170 |
| **24** Th | 0422 | 1.3 | 40 |
| | 1030 | 5.2 | 160 |
| | 1622 | 2.3 | 70 |
| | 2226 | 5.6 | 170 |
| **25** F | 0503 | 1.6 | 50 |
| | 1108 | 5.2 | 160 |
| | 1712 | 2.6 | 80 |
| | 2305 | 5.2 | 160 |
| **26** Sa | 0552 | 2.0 | 60 |
| | 1149 | 4.9 | 150 |
| | 1814 | 2.6 | 80 |
| | 2347 | 5.2 | 160 |
| **27** Su | 0646 | 2.0 | 60 |
| | 1237 | 4.9 | 150 |
| | 1917 | 3.0 | 90 |
| **28** M ◑ | 0035 | 4.9 | 150 |
| | 0742 | 2.0 | 60 |
| | 1337 | 4.9 | 150 |
| | 2016 | 2.6 | 80 |
| **29** Tu | 0133 | 4.9 | 150 |
| | 0836 | 1.6 | 50 |
| | 1447 | 4.9 | 150 |
| | 2112 | 2.6 | 80 |
| **30** W | 0243 | 4.9 | 150 |
| | 0928 | 1.6 | 50 |
| | 1550 | 5.2 | 160 |
| | 2207 | 2.0 | 60 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0355 | 5.2 | 160 |
| | 1018 | 1.3 | 40 |
| | 1639 | 5.6 | 170 |
| | 2301 | 1.6 | 50 |
| **2** F | 0455 | 5.2 | 160 |
| | 1107 | 1.3 | 40 |
| | 1722 | 5.9 | 180 |
| | 2354 | 1.0 | 30 |
| **3** Sa | 0549 | 5.6 | 170 |
| | 1157 | 1.0 | 30 |
| | 1805 | 6.2 | 190 |
| **4** Su | 0046 | 0.3 | 10 |
| | 0639 | 5.6 | 170 |
| | 1248 | 1.0 | 30 |
| | 1851 | 6.6 | 200 |
| **5** M ● | 0138 | 0.0 | 0 |
| | 0730 | 5.6 | 170 |
| | 1340 | 0.7 | 20 |
| | 1938 | 6.6 | 200 |
| **6** Tu | 0230 | −0.3 | −10 |
| | 0820 | 5.9 | 180 |
| | 1435 | 1.0 | 30 |
| | 2028 | 6.6 | 200 |
| **7** W | 0323 | −0.3 | −10 |
| | 0912 | 5.9 | 180 |
| | 1534 | 1.0 | 30 |
| | 2120 | 6.6 | 200 |
| **8** Th | 0420 | 0.0 | 0 |
| | 1005 | 5.6 | 170 |
| | 1639 | 1.3 | 40 |
| | 2212 | 6.2 | 190 |
| **9** F | 0519 | 0.3 | 10 |
| | 1059 | 5.6 | 170 |
| | 1748 | 1.6 | 50 |
| | 2305 | 5.9 | 180 |
| **10** Sa | 0620 | 0.7 | 20 |
| | 1155 | 5.6 | 170 |
| | 1857 | 1.6 | 50 |
| **11** Su ◐ | 0001 | 5.6 | 170 |
| | 0721 | 1.0 | 30 |
| | 1255 | 5.2 | 160 |
| | 2001 | 2.0 | 60 |
| **12** M | 0102 | 5.2 | 160 |
| | 0820 | 1.0 | 30 |
| | 1403 | 5.2 | 160 |
| | 2103 | 2.0 | 60 |
| **13** Tu | 0214 | 4.9 | 150 |
| | 0916 | 1.3 | 40 |
| | 1513 | 5.2 | 160 |
| | 2200 | 1.6 | 50 |
| **14** W | 0329 | 4.9 | 150 |
| | 1010 | 1.3 | 40 |
| | 1612 | 5.2 | 160 |
| | 2254 | 1.6 | 50 |
| **15** Th | 0434 | 4.9 | 150 |
| | 1103 | 1.6 | 50 |
| | 1659 | 5.6 | 170 |
| | 2344 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0526 | 4.9 | 150 |
| | 1153 | 1.6 | 50 |
| | 1739 | 5.6 | 170 |
| **17** Sa | 0028 | 1.0 | 30 |
| | 0612 | 5.2 | 160 |
| | 1239 | 1.6 | 50 |
| | 1818 | 5.6 | 170 |
| **18** Su | 0108 | 1.0 | 30 |
| | 0655 | 5.2 | 160 |
| | 1320 | 1.6 | 50 |
| | 1854 | 5.6 | 170 |
| **19** M ○ | 0144 | 1.0 | 30 |
| | 0737 | 5.2 | 160 |
| | 1356 | 2.0 | 60 |
| | 1931 | 5.6 | 170 |
| **20** Tu | 0218 | 1.0 | 30 |
| | 0818 | 5.2 | 160 |
| | 1427 | 2.0 | 60 |
| | 2008 | 5.6 | 170 |
| **21** W | 0250 | 1.0 | 30 |
| | 0857 | 5.2 | 160 |
| | 1457 | 2.3 | 70 |
| | 2045 | 5.6 | 170 |
| **22** Th | 0324 | 1.0 | 30 |
| | 0934 | 5.2 | 160 |
| | 1528 | 2.3 | 70 |
| | 2124 | 5.6 | 170 |
| **23** F | 0400 | 1.3 | 40 |
| | 1010 | 5.2 | 160 |
| | 1606 | 2.3 | 70 |
| | 2203 | 5.6 | 170 |
| **24** Sa | 0441 | 1.3 | 40 |
| | 1048 | 5.2 | 160 |
| | 1653 | 2.6 | 80 |
| | 2242 | 5.6 | 170 |
| **25** Su | 0526 | 1.6 | 50 |
| | 1128 | 5.2 | 160 |
| | 1748 | 2.6 | 80 |
| | 2322 | 5.2 | 160 |
| **26** M | 0614 | 1.6 | 50 |
| | 1212 | 5.2 | 160 |
| | 1846 | 2.6 | 80 |
| **27** Tu ◑ | 0007 | 5.2 | 160 |
| | 0704 | 1.6 | 50 |
| | 1300 | 5.2 | 160 |
| | 1944 | 2.6 | 80 |
| **28** W | 0058 | 5.2 | 160 |
| | 0754 | 1.6 | 50 |
| | 1354 | 5.2 | 160 |
| | 2040 | 2.3 | 70 |
| **29** Th | 0201 | 4.9 | 150 |
| | 0844 | 1.6 | 50 |
| | 1449 | 5.6 | 170 |
| | 2136 | 1.6 | 50 |
| **30** F | 0311 | 4.9 | 150 |
| | 0936 | 1.6 | 50 |
| | 1544 | 5.9 | 180 |
| | 2232 | 1.3 | 40 |
| **31** Sa | 0420 | 4.9 | 150 |
| | 1030 | 1.3 | 40 |
| | 1637 | 6.2 | 190 |
| | 2328 | 0.7 | 20 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0521 | 5.2 | 160 |
| | 1127 | 1.3 | 40 |
| | 1730 | 6.2 | 190 |
| **2** M | 0024 | 0.3 | 10 |
| | 0617 | 5.6 | 170 |
| | 1226 | 1.3 | 40 |
| | 1823 | 6.6 | 200 |
| **3** Tu ● | 0120 | 0.0 | 0 |
| | 0712 | 5.6 | 170 |
| | 1326 | 1.0 | 30 |
| | 1918 | 6.6 | 200 |
| **4** W | 0215 | 0.0 | 0 |
| | 0807 | 5.9 | 180 |
| | 1426 | 1.0 | 30 |
| | 2013 | 6.6 | 200 |
| **5** Th | 0310 | 0.0 | 0 |
| | 0903 | 5.9 | 180 |
| | 1527 | 1.3 | 40 |
| | 2107 | 6.6 | 200 |
| **6** F | 0405 | 0.0 | 0 |
| | 0957 | 5.9 | 180 |
| | 1631 | 1.3 | 40 |
| | 2201 | 6.2 | 190 |
| **7** Sa | 0501 | 0.3 | 10 |
| | 1050 | 5.9 | 180 |
| | 1735 | 1.6 | 50 |
| | 2254 | 5.9 | 180 |
| **8** Su | 0558 | 0.7 | 20 |
| | 1141 | 5.9 | 180 |
| | 1839 | 1.6 | 50 |
| | 2347 | 5.6 | 170 |
| **9** M | 0653 | 1.0 | 30 |
| | 1233 | 5.6 | 170 |
| | 1939 | 1.6 | 50 |
| **10** Tu ◐ | 0041 | 5.2 | 160 |
| | 0747 | 1.3 | 40 |
| | 1326 | 5.6 | 170 |
| | 2036 | 1.6 | 50 |
| **11** W | 0141 | 4.9 | 150 |
| | 0840 | 1.6 | 50 |
| | 1422 | 5.6 | 170 |
| | 2131 | 1.6 | 50 |
| **12** Th | 0246 | 4.6 | 140 |
| | 0933 | 1.6 | 50 |
| | 1519 | 5.2 | 160 |
| | 2223 | 1.6 | 50 |
| **13** F | 0353 | 4.6 | 140 |
| | 1026 | 2.0 | 60 |
| | 1613 | 5.2 | 160 |
| | 2312 | 1.3 | 40 |
| **14** Sa | 0454 | 4.6 | 140 |
| | 1119 | 2.0 | 60 |
| | 1701 | 5.2 | 160 |
| | 2358 | 1.3 | 40 |
| **15** Su | 0547 | 4.9 | 150 |
| | 1209 | 2.0 | 60 |
| | 1745 | 5.2 | 160 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0039 | 1.0 | 30 |
| | 0635 | 4.9 | 150 |
| | 1253 | 2.0 | 60 |
| | 1826 | 5.2 | 160 |
| **17** Tu | 0118 | 1.0 | 30 |
| | 0719 | 5.2 | 160 |
| | 1331 | 2.0 | 60 |
| | 1907 | 5.6 | 170 |
| **18** W ○ | 0154 | 1.0 | 30 |
| | 0759 | 5.2 | 160 |
| | 1404 | 2.3 | 70 |
| | 1947 | 5.6 | 170 |
| **19** Th | 0229 | 1.0 | 30 |
| | 0838 | 5.2 | 160 |
| | 1436 | 2.3 | 70 |
| | 2027 | 5.6 | 170 |
| **20** F | 0305 | 1.0 | 30 |
| | 0915 | 5.2 | 160 |
| | 1509 | 2.3 | 70 |
| | 2106 | 5.9 | 180 |
| **21** Sa | 0342 | 1.0 | 30 |
| | 0951 | 5.2 | 160 |
| | 1548 | 2.3 | 70 |
| | 2144 | 5.9 | 180 |
| **22** Su | 0420 | 1.0 | 30 |
| | 1028 | 5.6 | 170 |
| | 1632 | 2.3 | 70 |
| | 2222 | 5.6 | 170 |
| **23** M | 0500 | 1.3 | 40 |
| | 1105 | 5.6 | 170 |
| | 1722 | 2.3 | 70 |
| | 2301 | 5.6 | 170 |
| **24** Tu | 0543 | 1.3 | 40 |
| | 1144 | 5.6 | 170 |
| | 1817 | 2.3 | 70 |
| | 2343 | 5.2 | 160 |
| **25** W | 0628 | 1.3 | 40 |
| | 1225 | 5.6 | 170 |
| | 1913 | 2.0 | 60 |
| **26** Th ◑ | 0032 | 5.2 | 160 |
| | 0716 | 1.6 | 50 |
| | 1309 | 5.6 | 170 |
| | 2009 | 1.6 | 50 |
| **27** F | 0129 | 4.9 | 150 |
| | 0808 | 1.6 | 50 |
| | 1401 | 5.6 | 170 |
| | 2107 | 1.3 | 40 |
| **28** Sa | 0235 | 4.9 | 150 |
| | 0905 | 1.6 | 50 |
| | 1459 | 5.9 | 180 |
| | 2206 | 1.0 | 30 |
| **29** Su | 0347 | 4.9 | 150 |
| | 1006 | 1.6 | 50 |
| | 1601 | 5.9 | 180 |
| | 2307 | 0.7 | 20 |
| **30** M | 0457 | 4.9 | 150 |
| | 1110 | 1.6 | 50 |
| | 1704 | 6.2 | 190 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Halifax, Nova Scotia, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0007 | 0.3 | 10 |
| | 0601 | 5.2 | 160 |
| | 1215 | 1.3 | 40 |
| | 1806 | 6.6 | 200 |
| **2** W ● | 0106 | 0.0 | 0 |
| | 0700 | 5.6 | 170 |
| | 1318 | 1.3 | 40 |
| | 1905 | 6.6 | 200 |
| **3** Th | 0202 | 0.0 | 0 |
| | 0758 | 5.9 | 180 |
| | 1418 | 1.3 | 40 |
| | 2002 | 6.6 | 200 |
| **4** F | 0255 | 0.0 | 0 |
| | 0852 | 5.9 | 180 |
| | 1517 | 1.3 | 40 |
| | 2056 | 6.6 | 200 |
| **5** Sa | 0347 | 0.0 | 0 |
| | 0943 | 6.2 | 190 |
| | 1616 | 1.3 | 40 |
| | 2148 | 6.2 | 190 |
| **6** Su | 0438 | 0.3 | 10 |
| | 1031 | 6.2 | 190 |
| | 1713 | 1.3 | 40 |
| | 2236 | 5.9 | 180 |
| **7** M | 0527 | 0.7 | 20 |
| | 1115 | 6.2 | 190 |
| | 1810 | 1.6 | 50 |
| | 2324 | 5.6 | 170 |
| **8** Tu | 0617 | 1.0 | 30 |
| | 1159 | 5.9 | 180 |
| | 1906 | 1.6 | 50 |
| **9** W | 0012 | 5.2 | 160 |
| | 0706 | 1.3 | 40 |
| | 1243 | 5.6 | 170 |
| | 1959 | 1.6 | 50 |
| **10** Th ◐ | 0103 | 4.9 | 150 |
| | 0756 | 1.6 | 50 |
| | 1331 | 5.6 | 170 |
| | 2052 | 1.6 | 50 |
| **11** F | 0159 | 4.6 | 140 |
| | 0849 | 2.0 | 60 |
| | 1424 | 5.2 | 160 |
| | 2143 | 1.6 | 50 |
| **12** Sa | 0305 | 4.6 | 140 |
| | 0944 | 2.3 | 70 |
| | 1523 | 5.2 | 160 |
| | 2233 | 1.6 | 50 |
| **13** Su | 0416 | 4.6 | 140 |
| | 1041 | 2.3 | 70 |
| | 1622 | 5.2 | 160 |
| | 2321 | 1.3 | 40 |
| **14** M | 0520 | 4.6 | 140 |
| | 1135 | 2.3 | 70 |
| | 1715 | 5.2 | 160 |
| **15** Tu | 0006 | 1.3 | 40 |
| | 0613 | 4.9 | 150 |
| | 1222 | 2.3 | 70 |
| | 1803 | 5.2 | 160 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0049 | 1.0 | 30 |
| | 0658 | 4.9 | 150 |
| | 1301 | 2.3 | 70 |
| | 1847 | 5.6 | 170 |
| **17** Th | 0129 | 1.0 | 30 |
| | 0738 | 5.2 | 160 |
| | 1336 | 2.0 | 60 |
| | 1928 | 5.6 | 170 |
| **18** F ○ | 0207 | 1.0 | 30 |
| | 0816 | 5.2 | 160 |
| | 1410 | 2.0 | 60 |
| | 2008 | 5.9 | 180 |
| **19** Sa | 0243 | 0.7 | 20 |
| | 0852 | 5.2 | 160 |
| | 1446 | 2.0 | 60 |
| | 2046 | 5.9 | 180 |
| **20** Su | 0319 | 0.7 | 20 |
| | 0927 | 5.6 | 170 |
| | 1526 | 1.6 | 50 |
| | 2123 | 5.9 | 180 |
| **21** M | 0354 | 0.7 | 20 |
| | 1002 | 5.6 | 170 |
| | 1609 | 1.6 | 50 |
| | 2201 | 5.9 | 180 |
| **22** Tu | 0431 | 1.0 | 30 |
| | 1037 | 5.6 | 170 |
| | 1657 | 1.6 | 50 |
| | 2240 | 5.6 | 170 |
| **23** W | 0511 | 1.0 | 30 |
| | 1113 | 5.9 | 180 |
| | 1749 | 1.6 | 50 |
| | 2323 | 5.6 | 170 |
| **24** Th | 0555 | 1.3 | 40 |
| | 1151 | 5.9 | 180 |
| | 1844 | 1.6 | 50 |
| **25** F ◑ | 0010 | 5.2 | 160 |
| | 0646 | 1.6 | 50 |
| | 1235 | 5.6 | 170 |
| | 1943 | 1.3 | 40 |
| **26** Sa | 0103 | 4.9 | 150 |
| | 0745 | 1.6 | 50 |
| | 1325 | 5.6 | 170 |
| | 2044 | 1.3 | 40 |
| **27** Su | 0206 | 4.9 | 150 |
| | 0849 | 2.0 | 60 |
| | 1426 | 5.6 | 170 |
| | 2147 | 1.0 | 30 |
| **28** M | 0321 | 4.9 | 150 |
| | 0955 | 2.0 | 60 |
| | 1537 | 5.9 | 180 |
| | 2252 | 1.0 | 30 |
| **29** Tu | 0442 | 4.9 | 150 |
| | 1103 | 1.6 | 50 |
| | 1650 | 5.9 | 180 |
| | 2354 | 0.7 | 20 |
| **30** W | 0552 | 5.2 | 160 |
| | 1209 | 1.6 | 50 |
| | 1757 | 6.2 | 190 |
| **31** Th | 0053 | 0.3 | 10 |
| | 0652 | 5.6 | 170 |
| | 1310 | 1.3 | 40 |
| | 1857 | 6.2 | 190 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0147 | 0.3 | 10 |
| | 0746 | 5.9 | 180 |
| | 1408 | 1.3 | 40 |
| | 1951 | 6.2 | 190 |
| **2** Sa | 0237 | 0.0 | 0 |
| | 0835 | 6.2 | 190 |
| | 1502 | 1.0 | 30 |
| | 2041 | 6.2 | 190 |
| **3** Su | 0324 | 0.3 | 10 |
| | 0920 | 6.2 | 190 |
| | 1553 | 1.3 | 40 |
| | 2128 | 6.2 | 190 |
| **4** M | 0408 | 0.3 | 10 |
| | 1002 | 6.2 | 190 |
| | 1643 | 1.3 | 40 |
| | 2213 | 5.9 | 180 |
| **5** Tu | 0451 | 1.0 | 30 |
| | 1041 | 6.2 | 190 |
| | 1733 | 1.3 | 40 |
| | 2256 | 5.6 | 170 |
| **6** W | 0533 | 1.3 | 40 |
| | 1121 | 5.9 | 180 |
| | 1822 | 1.6 | 50 |
| | 2340 | 5.2 | 160 |
| **7** Th | 0617 | 1.6 | 50 |
| | 1201 | 5.9 | 180 |
| | 1913 | 1.6 | 50 |
| **8** F ◐ | 0025 | 4.9 | 150 |
| | 0705 | 2.0 | 60 |
| | 1244 | 5.6 | 170 |
| | 2004 | 1.6 | 50 |
| **9** Sa | 0115 | 4.6 | 140 |
| | 0801 | 2.3 | 70 |
| | 1334 | 5.2 | 160 |
| | 2055 | 2.0 | 60 |
| **10** Su | 0216 | 4.6 | 140 |
| | 0900 | 2.3 | 70 |
| | 1433 | 4.9 | 150 |
| | 2146 | 2.0 | 60 |
| **11** M | 0332 | 4.6 | 140 |
| | 1000 | 2.6 | 80 |
| | 1541 | 4.9 | 150 |
| | 2238 | 1.6 | 50 |
| **12** Tu | 0449 | 4.6 | 140 |
| | 1055 | 2.3 | 70 |
| | 1646 | 4.9 | 150 |
| | 2328 | 1.6 | 50 |
| **13** W | 0547 | 4.9 | 150 |
| | 1143 | 2.3 | 70 |
| | 1739 | 5.2 | 160 |
| **14** Th | 0015 | 1.3 | 40 |
| | 0632 | 4.9 | 150 |
| | 1225 | 2.3 | 70 |
| | 1824 | 5.6 | 170 |
| **15** F | 0058 | 1.0 | 30 |
| | 0710 | 5.2 | 160 |
| | 1303 | 2.0 | 60 |
| | 1904 | 5.9 | 180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0137 | 0.7 | 20 |
| | 0746 | 5.2 | 160 |
| | 1342 | 1.6 | 50 |
| | 1943 | 5.9 | 180 |
| **17** Su | 0213 | 0.7 | 20 |
| | 0821 | 5.6 | 170 |
| | 1422 | 1.3 | 40 |
| | 2021 | 5.9 | 180 |
| **18** M | 0248 | 0.7 | 20 |
| | 0855 | 5.9 | 180 |
| | 1504 | 1.3 | 40 |
| | 2100 | 5.9 | 180 |
| **19** Tu | 0323 | 0.7 | 20 |
| | 0929 | 5.9 | 180 |
| | 1547 | 1.0 | 30 |
| | 2140 | 5.9 | 180 |
| **20** W | 0400 | 0.7 | 20 |
| | 1005 | 5.9 | 180 |
| | 1634 | 1.0 | 30 |
| | 2221 | 5.6 | 170 |
| **21** Th | 0441 | 1.0 | 30 |
| | 1042 | 5.9 | 180 |
| | 1725 | 1.0 | 30 |
| | 2304 | 5.6 | 170 |
| **22** F | 0530 | 1.3 | 40 |
| | 1123 | 5.9 | 180 |
| | 1823 | 1.0 | 30 |
| | 2351 | 5.2 | 160 |
| **23** Sa ◑ | 0630 | 1.6 | 50 |
| | 1208 | 5.6 | 170 |
| | 1925 | 1.0 | 30 |
| **24** Su | 0044 | 4.9 | 150 |
| | 0737 | 2.0 | 60 |
| | 1301 | 5.6 | 170 |
| | 2030 | 1.0 | 30 |
| **25** M | 0147 | 4.9 | 150 |
| | 0846 | 2.0 | 60 |
| | 1406 | 5.6 | 170 |
| | 2136 | 1.0 | 30 |
| **26** Tu | 0308 | 4.6 | 140 |
| | 0954 | 2.0 | 60 |
| | 1525 | 5.6 | 170 |
| | 2240 | 1.0 | 30 |
| **27** W | 0439 | 4.9 | 150 |
| | 1100 | 1.6 | 50 |
| | 1646 | 5.6 | 170 |
| | 2342 | 0.7 | 20 |
| **28** Th | 0548 | 5.2 | 160 |
| | 1203 | 1.6 | 50 |
| | 1753 | 5.9 | 180 |
| **29** F | 0038 | 0.7 | 20 |
| | 0641 | 5.6 | 170 |
| | 1301 | 1.3 | 40 |
| | 1847 | 6.2 | 190 |
| **30** Sa ● | 0129 | 0.3 | 10 |
| | 0727 | 5.9 | 180 |
| | 1354 | 1.0 | 30 |
| | 1936 | 6.2 | 190 |
| **31** Su | 0215 | 0.3 | 10 |
| | 0809 | 6.2 | 190 |
| | 1442 | 1.0 | 30 |
| | 2022 | 6.2 | 190 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0257 | 0.7 | 20 |
| | 0849 | 6.2 | 190 |
| | 1526 | 1.0 | 30 |
| | 2105 | 5.9 | 180 |
| **2** Tu | 0336 | 0.7 | 20 |
| | 0927 | 6.2 | 190 |
| | 1609 | 1.0 | 30 |
| | 2147 | 5.9 | 180 |
| **3** W | 0413 | 1.3 | 40 |
| | 1005 | 6.2 | 190 |
| | 1650 | 1.3 | 40 |
| | 2228 | 5.6 | 170 |
| **4** Th | 0447 | 1.6 | 50 |
| | 1042 | 5.9 | 180 |
| | 1733 | 1.3 | 40 |
| | 2309 | 5.2 | 160 |
| **5** F | 0525 | 2.0 | 60 |
| | 1120 | 5.6 | 170 |
| | 1819 | 1.6 | 50 |
| | 2351 | 4.9 | 150 |
| **6** Sa | 0613 | 2.3 | 70 |
| | 1202 | 5.2 | 160 |
| | 1908 | 2.0 | 60 |
| **7** Su ◐ | 0036 | 4.9 | 150 |
| | 0714 | 2.6 | 80 |
| | 1248 | 5.2 | 160 |
| | 2001 | 2.0 | 60 |
| **8** M | 0131 | 4.6 | 140 |
| | 0818 | 2.6 | 80 |
| | 1344 | 4.9 | 150 |
| | 2054 | 2.0 | 60 |
| **9** Tu | 0244 | 4.6 | 140 |
| | 0918 | 2.6 | 80 |
| | 1455 | 4.9 | 150 |
| | 2149 | 2.0 | 60 |
| **10** W | 0411 | 4.6 | 140 |
| | 1013 | 2.6 | 80 |
| | 1609 | 4.9 | 150 |
| | 2242 | 1.6 | 50 |
| **11** Th | 0513 | 4.9 | 150 |
| | 1102 | 2.3 | 70 |
| | 1707 | 5.2 | 160 |
| | 2332 | 1.3 | 40 |
| **12** F | 0557 | 4.9 | 150 |
| | 1148 | 2.0 | 60 |
| | 1753 | 5.6 | 170 |
| **13** Sa | 0017 | 1.0 | 30 |
| | 0634 | 5.2 | 160 |
| | 1232 | 1.6 | 50 |
| | 1834 | 5.6 | 170 |
| **14** Su | 0058 | 1.0 | 30 |
| | 0708 | 5.6 | 170 |
| | 1315 | 1.3 | 40 |
| | 1915 | 5.9 | 180 |
| **15** M ○ | 0136 | 0.7 | 20 |
| | 0743 | 5.9 | 180 |
| | 1359 | 1.0 | 30 |
| | 1955 | 5.9 | 180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0213 | 0.7 | 20 |
| | 0818 | 5.9 | 180 |
| | 1442 | 0.7 | 20 |
| | 2036 | 5.9 | 180 |
| **17** W | 0251 | 0.7 | 20 |
| | 0855 | 6.2 | 190 |
| | 1527 | 0.3 | 10 |
| | 2119 | 5.6 | 170 |
| **18** Th | 0333 | 0.7 | 20 |
| | 0935 | 6.2 | 190 |
| | 1615 | 0.3 | 10 |
| | 2203 | 5.6 | 170 |
| **19** F | 0420 | 1.0 | 30 |
| | 1017 | 6.2 | 190 |
| | 1709 | 0.7 | 20 |
| | 2249 | 5.6 | 170 |
| **20** Sa | 0518 | 1.3 | 40 |
| | 1102 | 5.9 | 180 |
| | 1810 | 0.7 | 20 |
| | 2338 | 5.2 | 160 |
| **21** Su | 0627 | 1.6 | 50 |
| | 1151 | 5.6 | 170 |
| | 1915 | 1.0 | 30 |
| **22** M ◑ | 0033 | 4.9 | 150 |
| | 0739 | 2.0 | 60 |
| | 1247 | 5.6 | 170 |
| | 2021 | 1.0 | 30 |
| **23** Tu | 0140 | 4.9 | 150 |
| | 0847 | 2.0 | 60 |
| | 1356 | 5.2 | 160 |
| | 2125 | 1.0 | 30 |
| **24** W | 0310 | 4.9 | 150 |
| | 0953 | 2.0 | 60 |
| | 1521 | 5.2 | 160 |
| | 2227 | 1.0 | 30 |
| **25** Th | 0437 | 4.9 | 150 |
| | 1056 | 1.6 | 50 |
| | 1642 | 5.6 | 170 |
| | 2325 | 1.0 | 30 |
| **26** F | 0534 | 5.6 | 170 |
| | 1155 | 1.3 | 40 |
| | 1743 | 5.6 | 170 |
| **27** Sa | 0019 | 1.0 | 30 |
| | 0619 | 5.9 | 180 |
| | 1248 | 1.3 | 40 |
| | 1832 | 5.9 | 180 |
| **28** Su | 0107 | 0.7 | 20 |
| | 0659 | 5.9 | 180 |
| | 1336 | 1.0 | 30 |
| | 1917 | 5.9 | 180 |
| **29** M ● | 0151 | 1.0 | 30 |
| | 0738 | 6.2 | 190 |
| | 1419 | 1.0 | 30 |
| | 1959 | 5.9 | 180 |
| **30** Tu | 0231 | 1.0 | 30 |
| | 0815 | 6.2 | 190 |
| | 1458 | 1.0 | 30 |
| | 2041 | 5.9 | 180 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Halifax, Nova Scotia, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0306 | 1.3 | 40 |
| | 0852 | 5.9 | 180 |
| | 1535 | 1.0 | 30 |
| | 2122 | 5.6 | 170 |
| **2** Th | 0338 | 1.6 | 50 |
| | 0929 | 5.9 | 180 |
| | 1610 | 1.0 | 30 |
| | 2202 | 5.6 | 170 |
| **3** F | 0409 | 2.0 | 60 |
| | 1006 | 5.9 | 180 |
| | 1648 | 1.3 | 40 |
| | 2242 | 5.2 | 160 |
| **4** Sa | 0444 | 2.3 | 70 |
| | 1044 | 5.6 | 170 |
| | 1729 | 1.6 | 50 |
| | 2322 | 5.2 | 160 |
| **5** Su | 0532 | 2.6 | 80 |
| | 1125 | 5.2 | 160 |
| | 1816 | 2.0 | 60 |
| **6** M | 0004 | 4.9 | 150 |
| | 0634 | 2.6 | 80 |
| | 1209 | 5.2 | 160 |
| | 1909 | 2.0 | 60 |
| **7** Tu ◐ | 0054 | 4.9 | 150 |
| | 0738 | 3.0 | 90 |
| | 1301 | 4.9 | 150 |
| | 2004 | 2.0 | 60 |
| **8** W | 0159 | 4.6 | 140 |
| | 0837 | 3.0 | 90 |
| | 1404 | 4.9 | 150 |
| | 2058 | 2.0 | 60 |
| **9** Th | 0320 | 4.9 | 150 |
| | 0931 | 2.6 | 80 |
| | 1518 | 4.9 | 150 |
| | 2151 | 1.6 | 50 |
| **10** F | 0426 | 4.9 | 150 |
| | 1023 | 2.3 | 70 |
| | 1623 | 4.9 | 150 |
| | 2242 | 1.6 | 50 |
| **11** Sa | 0511 | 5.2 | 160 |
| | 1113 | 2.0 | 60 |
| | 1715 | 5.2 | 160 |
| | 2329 | 1.3 | 40 |
| **12** Su | 0549 | 5.6 | 170 |
| | 1201 | 1.3 | 40 |
| | 1801 | 5.6 | 170 |
| **13** M | 0013 | 1.0 | 30 |
| | 0625 | 5.9 | 180 |
| | 1249 | 1.0 | 30 |
| | 1846 | 5.6 | 170 |
| **14** Tu ○ | 0056 | 1.0 | 30 |
| | 0702 | 6.2 | 190 |
| | 1335 | 0.3 | 10 |
| | 1930 | 5.6 | 170 |
| **15** W | 0139 | 0.7 | 20 |
| | 0742 | 6.2 | 190 |
| | 1421 | 0.0 | 0 |
| | 2015 | 5.6 | 170 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0225 | 0.7 | 20 |
| | 0824 | 6.6 | 200 |
| | 1510 | 0.0 | 0 |
| | 2101 | 5.6 | 170 |
| **17** F | 0314 | 1.0 | 30 |
| | 0910 | 6.2 | 190 |
| | 1601 | 0.0 | 0 |
| | 2149 | 5.6 | 170 |
| **18** Sa | 0411 | 1.3 | 40 |
| | 0958 | 6.2 | 190 |
| | 1659 | 0.3 | 10 |
| | 2239 | 5.6 | 170 |
| **19** Su | 0517 | 1.3 | 40 |
| | 1047 | 5.9 | 180 |
| | 1801 | 0.7 | 20 |
| | 2332 | 5.2 | 160 |
| **20** M | 0628 | 1.6 | 50 |
| | 1141 | 5.6 | 170 |
| | 1905 | 0.7 | 20 |
| **21** Tu ◑ | 0031 | 5.2 | 160 |
| | 0738 | 2.0 | 60 |
| | 1240 | 5.6 | 170 |
| | 2008 | 1.0 | 30 |
| **22** W | 0140 | 4.9 | 150 |
| | 0843 | 2.0 | 60 |
| | 1350 | 5.2 | 160 |
| | 2108 | 1.0 | 30 |
| **23** Th | 0304 | 4.9 | 150 |
| | 0946 | 1.6 | 50 |
| | 1513 | 5.2 | 160 |
| | 2206 | 1.0 | 30 |
| **24** F | 0415 | 5.2 | 160 |
| | 1045 | 1.6 | 50 |
| | 1628 | 5.2 | 160 |
| | 2302 | 1.3 | 40 |
| **25** Sa | 0507 | 5.6 | 170 |
| | 1140 | 1.3 | 40 |
| | 1725 | 5.2 | 160 |
| | 2355 | 1.3 | 40 |
| **26** Su | 0549 | 5.9 | 180 |
| | 1230 | 1.0 | 30 |
| | 1813 | 5.6 | 170 |
| **27** M | 0043 | 1.3 | 40 |
| | 0628 | 5.9 | 180 |
| | 1314 | 1.0 | 30 |
| | 1857 | 5.6 | 170 |
| **28** Tu ● | 0127 | 1.3 | 40 |
| | 0706 | 5.9 | 180 |
| | 1354 | 0.7 | 20 |
| | 1939 | 5.6 | 170 |
| **29** W | 0206 | 1.6 | 50 |
| | 0743 | 5.9 | 180 |
| | 1431 | 0.7 | 20 |
| | 2021 | 5.6 | 170 |
| **30** Th | 0241 | 1.6 | 50 |
| | 0820 | 5.9 | 180 |
| | 1505 | 1.0 | 30 |
| | 2101 | 5.6 | 170 |
| **31** F | 0313 | 2.0 | 60 |
| | 0857 | 5.9 | 180 |
| | 1539 | 1.0 | 30 |
| | 2141 | 5.6 | 170 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0343 | 2.3 | 70 |
| | 0936 | 5.6 | 170 |
| | 1614 | 1.3 | 40 |
| | 2219 | 5.2 | 160 |
| **2** Su | 0418 | 2.3 | 70 |
| | 1015 | 5.6 | 170 |
| | 1652 | 1.6 | 50 |
| | 2258 | 5.2 | 160 |
| **3** M | 0504 | 2.6 | 80 |
| | 1056 | 5.2 | 160 |
| | 1737 | 1.6 | 50 |
| | 2339 | 5.2 | 160 |
| **4** Tu | 0601 | 2.6 | 80 |
| | 1138 | 5.2 | 160 |
| | 1826 | 2.0 | 60 |
| **5** W | 0025 | 5.2 | 160 |
| | 0701 | 3.0 | 90 |
| | 1223 | 4.9 | 150 |
| | 1918 | 2.0 | 60 |
| **6** Th ◐ | 0119 | 4.9 | 150 |
| | 0758 | 2.6 | 80 |
| | 1316 | 4.9 | 150 |
| | 2010 | 2.0 | 60 |
| **7** F | 0222 | 4.9 | 150 |
| | 0853 | 2.6 | 80 |
| | 1421 | 4.9 | 150 |
| | 2101 | 1.6 | 50 |
| **8** Sa | 0324 | 5.2 | 160 |
| | 0946 | 2.3 | 70 |
| | 1531 | 4.9 | 150 |
| | 2151 | 1.6 | 50 |
| **9** Su | 0414 | 5.6 | 170 |
| | 1039 | 1.6 | 50 |
| | 1633 | 4.9 | 150 |
| | 2240 | 1.3 | 40 |
| **10** M | 0457 | 5.9 | 180 |
| | 1130 | 1.3 | 40 |
| | 1727 | 5.2 | 160 |
| | 2330 | 1.3 | 40 |
| **11** Tu | 0540 | 6.2 | 190 |
| | 1221 | 0.7 | 20 |
| | 1817 | 5.2 | 160 |
| **12** W | 0021 | 1.3 | 40 |
| | 0624 | 6.2 | 190 |
| | 1312 | 0.3 | 10 |
| | 1906 | 5.6 | 170 |
| **13** Th ○ | 0113 | 1.0 | 30 |
| | 0711 | 6.6 | 200 |
| | 1403 | 0.0 | 0 |
| | 1956 | 5.6 | 170 |
| **14** F | 0207 | 1.0 | 30 |
| | 0801 | 6.6 | 200 |
| | 1455 | 0.0 | 0 |
| | 2047 | 5.6 | 170 |
| **15** Sa | 0304 | 1.0 | 30 |
| | 0852 | 6.6 | 200 |
| | 1550 | 0.0 | 0 |
| | 2140 | 5.9 | 180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0406 | 1.3 | 40 |
| | 0945 | 6.2 | 190 |
| | 1648 | 0.0 | 0 |
| | 2233 | 5.6 | 170 |
| **17** M | 0513 | 1.6 | 50 |
| | 1038 | 5.9 | 180 |
| | 1747 | 0.3 | 10 |
| | 2328 | 5.6 | 170 |
| **18** Tu | 0622 | 1.6 | 50 |
| | 1133 | 5.9 | 180 |
| | 1848 | 0.7 | 20 |
| **19** W ◑ | 0025 | 5.6 | 170 |
| | 0728 | 1.6 | 50 |
| | 1231 | 5.2 | 160 |
| | 1947 | 1.0 | 30 |
| **20** Th | 0126 | 5.2 | 160 |
| | 0830 | 1.6 | 50 |
| | 1336 | 5.2 | 160 |
| | 2044 | 1.0 | 30 |
| **21** F | 0232 | 5.2 | 160 |
| | 0929 | 1.6 | 50 |
| | 1449 | 4.9 | 150 |
| | 2139 | 1.3 | 40 |
| **22** Sa | 0334 | 5.6 | 170 |
| | 1025 | 1.3 | 40 |
| | 1600 | 4.9 | 150 |
| | 2234 | 1.3 | 40 |
| **23** Su | 0427 | 5.6 | 170 |
| | 1117 | 1.3 | 40 |
| | 1659 | 4.9 | 150 |
| | 2327 | 1.6 | 50 |
| **24** M | 0513 | 5.6 | 170 |
| | 1206 | 1.0 | 30 |
| | 1750 | 5.2 | 160 |
| **25** Tu | 0018 | 1.6 | 50 |
| | 0555 | 5.6 | 170 |
| | 1250 | 1.0 | 30 |
| | 1836 | 5.2 | 160 |
| **26** W | 0104 | 1.6 | 50 |
| | 0635 | 5.6 | 170 |
| | 1330 | 0.7 | 20 |
| | 1921 | 5.2 | 160 |
| **27** Th ● | 0145 | 2.0 | 60 |
| | 0715 | 5.6 | 170 |
| | 1407 | 0.7 | 20 |
| | 2003 | 5.2 | 160 |
| **28** F | 0221 | 2.0 | 60 |
| | 0754 | 5.6 | 170 |
| | 1441 | 1.0 | 30 |
| | 2044 | 5.2 | 160 |
| **29** Sa | 0253 | 2.3 | 70 |
| | 0834 | 5.6 | 170 |
| | 1515 | 1.0 | 30 |
| | 2122 | 5.2 | 160 |
| **30** Su | 0323 | 2.3 | 70 |
| | 0914 | 5.6 | 170 |
| | 1550 | 1.3 | 40 |
| | 2159 | 5.2 | 160 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0357 | 2.3 | 70 |
| | 0953 | 5.6 | 170 |
| | 1627 | 1.3 | 40 |
| | 2237 | 5.2 | 160 |
| **2** Tu | 0439 | 2.6 | 80 |
| | 1032 | 5.6 | 170 |
| | 1707 | 1.6 | 50 |
| | 2315 | 5.2 | 160 |
| **3** W | 0529 | 2.6 | 80 |
| | 1111 | 5.2 | 160 |
| | 1750 | 1.6 | 50 |
| | 2356 | 5.2 | 160 |
| **4** Th | 0624 | 2.6 | 80 |
| | 1152 | 5.2 | 160 |
| | 1837 | 1.6 | 50 |
| **5** F ◐ | 0040 | 5.2 | 160 |
| | 0720 | 2.6 | 80 |
| | 1239 | 5.2 | 160 |
| | 1925 | 1.6 | 50 |
| **6** Sa | 0128 | 5.2 | 160 |
| | 0815 | 2.3 | 70 |
| | 1334 | 4.9 | 150 |
| | 2015 | 1.6 | 50 |
| **7** Su | 0219 | 5.6 | 170 |
| | 0909 | 2.0 | 60 |
| | 1440 | 4.9 | 150 |
| | 2106 | 1.6 | 50 |
| **8** M | 0312 | 5.6 | 170 |
| | 1004 | 1.3 | 40 |
| | 1549 | 4.9 | 150 |
| | 2159 | 1.6 | 50 |
| **9** Tu | 0406 | 5.9 | 180 |
| | 1059 | 1.0 | 30 |
| | 1653 | 4.9 | 150 |
| | 2256 | 1.6 | 50 |
| **10** W | 0500 | 6.2 | 190 |
| | 1156 | 0.7 | 20 |
| | 1751 | 5.2 | 160 |
| | 2356 | 1.3 | 40 |
| **11** Th | 0554 | 6.2 | 190 |
| | 1252 | 0.3 | 10 |
| | 1846 | 5.6 | 170 |
| **12** F ○ | 0055 | 1.3 | 40 |
| | 0650 | 6.6 | 200 |
| | 1347 | 0.0 | 0 |
| | 1941 | 5.6 | 170 |
| **13** Sa | 0155 | 1.0 | 30 |
| | 0745 | 6.6 | 200 |
| | 1442 | −0.3 | −10 |
| | 2036 | 5.9 | 180 |
| **14** Su | 0256 | 1.0 | 30 |
| | 0841 | 6.6 | 200 |
| | 1536 | 0.0 | 0 |
| | 2131 | 5.9 | 180 |
| **15** M | 0359 | 1.3 | 40 |
| | 0935 | 6.6 | 200 |
| | 1631 | 0.0 | 0 |
| | 2224 | 5.9 | 180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0503 | 1.3 | 40 |
| | 1028 | 6.2 | 190 |
| | 1727 | 0.3 | 10 |
| | 2316 | 5.9 | 180 |
| **17** W | 0606 | 1.3 | 40 |
| | 1121 | 5.9 | 180 |
| | 1823 | 0.7 | 20 |
| **18** Th | 0006 | 5.9 | 180 |
| | 0708 | 1.6 | 50 |
| | 1214 | 5.6 | 170 |
| | 1918 | 1.0 | 30 |
| **19** F ◑ | 0056 | 5.6 | 170 |
| | 0806 | 1.6 | 50 |
| | 1310 | 4.9 | 150 |
| | 2012 | 1.3 | 40 |
| **20** Sa | 0149 | 5.6 | 170 |
| | 0902 | 1.3 | 40 |
| | 1412 | 4.9 | 150 |
| | 2107 | 1.6 | 50 |
| **21** Su | 0245 | 5.6 | 170 |
| | 0956 | 1.3 | 40 |
| | 1520 | 4.6 | 140 |
| | 2202 | 1.6 | 50 |
| **22** M | 0342 | 5.2 | 160 |
| | 1048 | 1.3 | 40 |
| | 1627 | 4.6 | 140 |
| | 2257 | 2.0 | 60 |
| **23** Tu | 0436 | 5.2 | 160 |
| | 1137 | 1.3 | 40 |
| | 1725 | 4.9 | 150 |
| | 2351 | 2.0 | 60 |
| **24** W | 0525 | 5.2 | 160 |
| | 1223 | 1.0 | 30 |
| | 1817 | 4.9 | 150 |
| **25** Th | 0040 | 2.0 | 60 |
| | 0611 | 5.2 | 160 |
| | 1305 | 1.0 | 30 |
| | 1903 | 5.2 | 160 |
| **26** F | 0122 | 2.0 | 60 |
| | 0654 | 5.6 | 170 |
| | 1344 | 1.0 | 30 |
| | 1946 | 5.2 | 160 |
| **27** Sa ● | 0157 | 2.0 | 60 |
| | 0736 | 5.6 | 170 |
| | 1420 | 1.0 | 30 |
| | 2026 | 5.2 | 160 |
| **28** Su | 0229 | 2.3 | 70 |
| | 0816 | 5.6 | 170 |
| | 1455 | 1.0 | 30 |
| | 2103 | 5.2 | 160 |
| **29** M | 0259 | 2.3 | 70 |
| | 0855 | 5.9 | 180 |
| | 1528 | 1.0 | 30 |
| | 2138 | 5.2 | 160 |
| **30** Tu | 0334 | 2.3 | 70 |
| | 0933 | 5.9 | 180 |
| | 1603 | 1.0 | 30 |
| | 2214 | 5.6 | 170 |
| **31** W | 0413 | 2.3 | 70 |
| | 1010 | 5.6 | 170 |
| | 1638 | 1.3 | 40 |
| | 2249 | 5.6 | 170 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Saint John, New Brunswick, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0608 | 23.3 | 710 | **16** W | 0510 | 25.3 | 770 |
| | 1228 | 6.2 | 190 | | 1132 | 3.6 | 110 |
| | 1838 | 22.3 | 680 | | 1741 | 24.0 | 730 |
| | | | | | 2357 | 4.3 | 130 |
| **2** W | 0050 | 6.6 | 200 | **17** Th | 0609 | 25.6 | 780 |
| | 0704 | 23.0 | 700 | | 1234 | 3.6 | 110 |
| | 1325 | 6.2 | 190 | | 1845 | 23.6 | 720 |
| | 1936 | 22.0 | 670 | | | | |
| **3** Th | 0146 | 6.9 | 210 | **18** F | 0059 | 4.6 | 140 |
| | 0759 | 23.0 | 700 | | 0712 | 25.6 | 780 |
| | 1421 | 5.9 | 180 | | 1339 | 3.6 | 110 |
| | 2032 | 22.0 | 670 | | 1951 | 23.6 | 720 |
| **4** F | 0240 | 6.9 | 210 | **19** Sa | 0204 | 4.6 | 140 |
| | 0850 | 23.3 | 710 | | 0817 | 25.9 | 790 |
| | 1512 | 5.6 | 170 | | 1444 | 3.3 | 100 |
| | 2124 | 22.0 | 670 | | 2056 | 24.0 | 730 |
| **5** Sa | 0329 | 6.9 | 210 | **20** Su | 0307 | 4.3 | 130 |
| | 0938 | 23.6 | 720 | | 0920 | 26.2 | 800 |
| | 1559 | 5.2 | 160 | | 1546 | 2.6 | 80 |
| | 2210 | 22.3 | 680 | | 2157 | 24.3 | 740 |
| **6** Su | 0414 | 6.6 | 200 | **21** M | 0408 | 3.9 | 120 |
| | 1022 | 24.0 | 730 | | 1019 | 26.6 | 810 |
| | 1642 | 4.9 | 150 | | 1644 | 2.3 | 70 |
| | 2253 | 22.6 | 690 | | 2254 | 24.9 | 760 |
| **7** M | 0456 | 6.2 | 190 | **22** Tu ○ | 0504 | 3.6 | 110 |
| | 1103 | 24.3 | 740 | | 1114 | 26.9 | 820 |
| | 1722 | 4.3 | 130 | | 1737 | 2.3 | 70 |
| | 2331 | 23.0 | 700 | | 2347 | 25.3 | 770 |
| **8** Tu ● | 0535 | 5.6 | 170 | **23** W | 0557 | 3.3 | 100 |
| | 1142 | 24.9 | 760 | | 1205 | 26.9 | 820 |
| | 1800 | 3.9 | 120 | | 1827 | 2.0 | 60 |
| **9** W | 0008 | 23.6 | 720 | **24** Th | 0035 | 25.3 | 770 |
| | 0613 | 5.2 | 160 | | 0646 | 3.3 | 100 |
| | 1220 | 25.3 | 770 | | 1253 | 26.6 | 810 |
| | 1838 | 3.6 | 110 | | 1913 | 2.3 | 70 |
| **10** Th | 0044 | 24.0 | 730 | **25** F | 0122 | 25.3 | 770 |
| | 0651 | 4.6 | 140 | | 0733 | 3.6 | 110 |
| | 1257 | 25.6 | 780 | | 1340 | 25.9 | 790 |
| | 1915 | 3.3 | 100 | | 1958 | 3.0 | 90 |
| **11** F | 0121 | 24.3 | 740 | **26** Sa | 0207 | 24.9 | 760 |
| | 0730 | 4.3 | 130 | | 0819 | 3.9 | 120 |
| | 1336 | 25.6 | 780 | | 1426 | 25.3 | 770 |
| | 1954 | 3.0 | 90 | | 2043 | 3.6 | 110 |
| **12** Sa | 0159 | 24.9 | 760 | **27** Su | 0252 | 24.6 | 750 |
| | 0811 | 3.9 | 120 | | 0906 | 4.6 | 140 |
| | 1417 | 25.6 | 780 | | 1513 | 24.3 | 740 |
| | 2035 | 3.0 | 90 | | 2128 | 4.3 | 130 |
| **13** Su | 0241 | 24.9 | 760 | **28** M | 0339 | 24.3 | 740 |
| | 0855 | 3.9 | 120 | | 0954 | 5.2 | 160 |
| | 1501 | 25.6 | 780 | | 1603 | 23.3 | 710 |
| | 2119 | 3.0 | 90 | | 2216 | 5.2 | 160 |
| **14** M | 0326 | 25.3 | 770 | **29** Tu | 0428 | 23.6 | 720 |
| | 0942 | 3.6 | 110 | | 1046 | 5.9 | 180 |
| | 1549 | 24.9 | 760 | | 1655 | 22.3 | 680 |
| | 2207 | 3.3 | 100 | | 2307 | 6.2 | 190 |
| **15** Tu ◐ | 0416 | 25.3 | 770 | **30** W ◑ | 0520 | 23.0 | 700 |
| | 1035 | 3.6 | 110 | | 1140 | 6.2 | 190 |
| | 1642 | 24.6 | 750 | | 1751 | 21.7 | 660 |
| | 2259 | 3.9 | 120 | | | | |
| | | | | **31** Th | 0002 | 7.2 | 220 |
| | | | | | 0616 | 22.6 | 690 |
| | | | | | 1238 | 6.9 | 210 |
| | | | | | 1850 | 21.0 | 640 |

## February

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F | 0059 | 7.5 | 230 | **16** Sa | 0045 | 5.2 | 160 |
| | 0713 | 22.3 | 680 | | 0658 | 24.6 | 750 |
| | 1337 | 6.9 | 210 | | 1327 | 4.3 | 130 |
| | 1950 | 21.0 | 640 | | 1941 | 23.0 | 700 |
| **2** Sa | 0157 | 7.9 | 240 | **17** Su | 0154 | 5.2 | 160 |
| | 0810 | 22.3 | 680 | | 0808 | 24.6 | 750 |
| | 1433 | 6.6 | 200 | | 1436 | 4.3 | 130 |
| | 2045 | 21.3 | 650 | | 2049 | 23.3 | 710 |
| **3** Su | 0251 | 7.5 | 230 | **18** M | 0300 | 4.9 | 150 |
| | 0903 | 23.0 | 700 | | 0914 | 25.3 | 770 |
| | 1524 | 5.9 | 180 | | 1538 | 3.6 | 110 |
| | 2136 | 21.7 | 660 | | 2150 | 24.0 | 730 |
| **4** M | 0340 | 6.9 | 210 | **19** Tu | 0400 | 4.6 | 140 |
| | 0951 | 23.6 | 720 | | 1012 | 25.6 | 780 |
| | 1610 | 5.2 | 160 | | 1634 | 3.3 | 100 |
| | 2220 | 22.3 | 680 | | 2244 | 24.3 | 740 |
| **5** Tu | 0425 | 6.2 | 190 | **20** W ○ | 0454 | 3.9 | 120 |
| | 1034 | 24.3 | 740 | | 1103 | 25.9 | 790 |
| | 1652 | 4.3 | 130 | | 1723 | 3.0 | 90 |
| | 2259 | 23.3 | 710 | | 2332 | 24.9 | 760 |
| **6** W ● | 0506 | 5.2 | 160 | **21** Th | 0542 | 3.6 | 110 |
| | 1114 | 25.3 | 770 | | 1150 | 25.9 | 790 |
| | 1731 | 3.6 | 110 | | 1808 | 2.6 | 80 |
| | 2337 | 24.3 | 740 | | | | |
| **7** Th | 0545 | 4.3 | 130 | **22** F | 0015 | 25.3 | 770 |
| | 1153 | 25.9 | 790 | | 0627 | 3.3 | 100 |
| | 1809 | 2.6 | 80 | | 1234 | 25.9 | 790 |
| | | | | | 1850 | 3.0 | 90 |
| **8** F | 0014 | 24.9 | 760 | **23** Sa | 0057 | 25.3 | 770 |
| | 0624 | 3.3 | 100 | | 0709 | 3.3 | 100 |
| | 1231 | 26.2 | 800 | | 1316 | 25.6 | 780 |
| | 1847 | 2.3 | 70 | | 1930 | 3.3 | 100 |
| **9** Sa | 0052 | 25.6 | 780 | **24** Su | 0137 | 25.3 | 770 |
| | 0703 | 2.6 | 80 | | 0751 | 3.6 | 110 |
| | 1310 | 26.6 | 810 | | 1358 | 24.9 | 760 |
| | 1926 | 2.0 | 60 | | 2011 | 3.9 | 120 |
| **10** Su | 0131 | 26.2 | 800 | **25** M | 0218 | 24.9 | 760 |
| | 0745 | 2.3 | 70 | | 0833 | 4.3 | 130 |
| | 1351 | 26.6 | 810 | | 1440 | 24.0 | 730 |
| | 2008 | 2.0 | 60 | | 2052 | 4.9 | 150 |
| **11** M | 0214 | 26.2 | 800 | **26** Tu | 0300 | 24.3 | 740 |
| | 0830 | 2.3 | 70 | | 0916 | 4.9 | 150 |
| | 1436 | 25.9 | 790 | | 1525 | 23.0 | 700 |
| | 2052 | 2.3 | 70 | | 2135 | 5.6 | 170 |
| **12** Tu | 0259 | 26.2 | 800 | **27** W | 0345 | 23.6 | 720 |
| | 0918 | 2.6 | 80 | | 1002 | 5.6 | 170 |
| | 1526 | 25.3 | 770 | | 1612 | 22.0 | 670 |
| | 2141 | 3.0 | 90 | | 2222 | 6.6 | 200 |
| **13** W ◐ | 0350 | 25.9 | 790 | **28** Th ◑ | 0434 | 23.0 | 700 |
| | 1012 | 3.0 | 90 | | 1053 | 6.6 | 200 |
| | 1621 | 24.3 | 740 | | 1705 | 21.3 | 650 |
| | 2236 | 3.9 | 120 | | 2313 | 7.5 | 230 |
| **14** Th | 0447 | 25.3 | 770 | **29** F | 0527 | 22.0 | 670 |
| | 1111 | 3.6 | 110 | | 1149 | 7.2 | 220 |
| | 1722 | 23.6 | 720 | | 1803 | 20.7 | 630 |
| | 2337 | 4.9 | 150 | | | | |
| **15** F | 0550 | 24.9 | 760 | | | | |
| | 1218 | 4.3 | 130 | | | | |
| | 1830 | 23.0 | 700 | | | | |

## March

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Sa | 0011 | 8.2 | 250 | **16** Su | 0037 | 5.9 | 180 |
| | 0626 | 21.7 | 660 | | 0652 | 24.0 | 730 |
| | 1250 | 7.2 | 220 | | 1320 | 4.9 | 150 |
| | 1904 | 20.7 | 630 | | 1936 | 22.6 | 690 |
| **2** Su | 0112 | 8.2 | 250 | **17** M | 0148 | 5.9 | 180 |
| | 0727 | 22.0 | 670 | | 0803 | 24.0 | 730 |
| | 1350 | 6.9 | 210 | | 1428 | 4.6 | 140 |
| | 2003 | 21.0 | 640 | | 2042 | 23.0 | 700 |
| **3** M | 0211 | 7.9 | 240 | **18** Tu | 0253 | 5.2 | 160 |
| | 0824 | 22.3 | 680 | | 0906 | 24.6 | 750 |
| | 1445 | 6.2 | 190 | | 1527 | 4.3 | 130 |
| | 2056 | 21.7 | 660 | | 2139 | 23.6 | 720 |
| **4** Tu | 0303 | 6.9 | 210 | **19** W | 0350 | 4.6 | 140 |
| | 0915 | 23.3 | 710 | | 1001 | 24.9 | 760 |
| | 1533 | 5.2 | 160 | | 1619 | 3.6 | 110 |
| | 2142 | 22.6 | 690 | | 2229 | 24.6 | 750 |
| **5** W | 0350 | 5.6 | 170 | **20** Th | 0440 | 3.9 | 120 |
| | 0959 | 24.3 | 740 | | 1049 | 25.3 | 770 |
| | 1617 | 3.9 | 120 | | 1704 | 3.3 | 100 |
| | 2224 | 24.0 | 730 | | 2313 | 24.9 | 760 |
| **6** Th | 0433 | 4.3 | 130 | **21** F ○ | 0525 | 3.6 | 110 |
| | 1042 | 25.6 | 780 | | 1133 | 25.3 | 770 |
| | 1657 | 3.0 | 90 | | 1746 | 3.3 | 100 |
| | 2303 | 24.9 | 760 | | 2353 | 25.3 | 770 |
| **7** F ● | 0514 | 3.0 | 90 | **22** Sa | 0606 | 3.3 | 100 |
| | 1122 | 26.2 | 800 | | 1214 | 25.3 | 770 |
| | 1737 | 2.0 | 60 | | 1825 | 3.6 | 110 |
| | 2342 | 26.2 | 800 | | | | |
| **8** Sa | 0555 | 2.0 | 60 | **23** Su | 0031 | 25.3 | 770 |
| | 1202 | 26.9 | 820 | | 0645 | 3.3 | 100 |
| | 1817 | 1.3 | 40 | | 1253 | 24.6 | 750 |
| | | | | | 1903 | 3.9 | 120 |
| **9** Su | 0022 | 26.9 | 820 | **24** M | 0108 | 24.9 | 760 |
| | 0637 | 1.3 | 40 | | 0724 | 3.6 | 110 |
| | 1243 | 26.9 | 820 | | 1332 | 24.3 | 740 |
| | 1858 | 1.3 | 40 | | 1941 | 4.6 | 140 |
| **10** M | 0104 | 27.2 | 830 | **25** Tu | 0146 | 24.6 | 750 |
| | 0721 | 1.0 | 30 | | 0802 | 4.3 | 130 |
| | 1328 | 26.6 | 810 | | 1411 | 23.6 | 720 |
| | 1942 | 1.3 | 40 | | 2019 | 5.2 | 160 |
| **11** Tu | 0148 | 27.2 | 830 | **26** W | 0225 | 24.3 | 740 |
| | 0807 | 1.3 | 40 | | 0842 | 4.9 | 150 |
| | 1415 | 25.9 | 790 | | 1451 | 22.6 | 690 |
| | 2029 | 2.3 | 70 | | 2059 | 6.2 | 190 |
| **12** W | 0237 | 26.9 | 820 | **27** Th | 0307 | 23.6 | 720 |
| | 0858 | 2.0 | 60 | | 0925 | 5.6 | 170 |
| | 1507 | 25.3 | 770 | | 1535 | 22.0 | 670 |
| | 2122 | 3.3 | 100 | | 2142 | 6.9 | 210 |
| **13** Th | 0331 | 25.9 | 790 | **28** F | 0352 | 22.6 | 690 |
| | 0955 | 3.0 | 90 | | 1012 | 6.6 | 200 |
| | 1606 | 24.0 | 730 | | 1623 | 21.3 | 650 |
| | 2220 | 4.6 | 140 | | 2231 | 7.9 | 240 |
| **14** F ◐ | 0431 | 24.9 | 760 | **29** Sa ◑ | 0443 | 22.0 | 670 |
| | 1058 | 3.9 | 120 | | 1105 | 6.9 | 210 |
| | 1711 | 23.0 | 700 | | 1718 | 20.7 | 630 |
| | 2326 | 5.2 | 160 | | 2327 | 8.2 | 250 |
| **15** Sa | 0539 | 24.3 | 740 | **30** Su | 0540 | 21.7 | 660 |
| | 1208 | 4.6 | 140 | | 1204 | 7.2 | 220 |
| | 1823 | 22.6 | 690 | | 1819 | 20.7 | 630 |
| | | | | **31** M | 0028 | 8.2 | 250 |
| | | | | | 0642 | 22.0 | 670 |
| | | | | | 1304 | 6.9 | 210 |
| | | | | | 1918 | 21.3 | 650 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Saint John, New Brunswick, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0128 | 7.5 | 230 |
| | 0741 | 22.3 | 680 |
| | 1400 | 6.2 | 190 |
| | 2012 | 22.0 | 670 |
| **2** W | 0222 | 6.6 | 200 |
| | 0834 | 23.3 | 710 |
| | 1451 | 4.9 | 150 |
| | 2100 | 23.3 | 710 |
| **3** Th | 0312 | 4.9 | 150 |
| | 0921 | 24.6 | 750 |
| | 1537 | 3.6 | 110 |
| | 2144 | 24.6 | 750 |
| **4** F | 0357 | 3.6 | 110 |
| | 1006 | 25.6 | 780 |
| | 1620 | 2.6 | 80 |
| | 2227 | 25.9 | 790 |
| **5** Sa ● | 0442 | 2.0 | 60 |
| | 1050 | 26.2 | 800 |
| | 1703 | 1.6 | 50 |
| | 2309 | 27.2 | 830 |
| **6** Su | 0526 | 1.0 | 30 |
| | 1134 | 26.9 | 820 |
| | 1747 | 1.0 | 30 |
| | 2353 | 27.9 | 850 |
| **7** M | 0612 | 0.3 | 10 |
| | 1219 | 26.9 | 820 |
| | 1832 | 1.0 | 30 |
| **8** Tu | 0039 | 28.2 | 860 |
| | 0659 | 0.3 | 10 |
| | 1308 | 26.6 | 810 |
| | 1920 | 1.6 | 50 |
| **9** W | 0127 | 27.9 | 850 |
| | 0749 | 0.7 | 20 |
| | 1359 | 25.9 | 790 |
| | 2012 | 2.6 | 80 |
| **10** Th | 0220 | 26.9 | 820 |
| | 0844 | 1.6 | 50 |
| | 1455 | 24.9 | 760 |
| | 2108 | 3.6 | 110 |
| **11** F | 0317 | 25.9 | 790 |
| | 0943 | 3.0 | 90 |
| | 1556 | 24.0 | 730 |
| | 2210 | 4.9 | 150 |
| **12** Sa ◐ | 0421 | 24.9 | 760 |
| | 1048 | 3.9 | 120 |
| | 1703 | 23.0 | 700 |
| | 2317 | 5.6 | 170 |
| **13** Su | 0530 | 24.0 | 730 |
| | 1158 | 4.9 | 150 |
| | 1815 | 22.6 | 690 |
| **14** M | 0028 | 5.9 | 180 |
| | 0643 | 23.6 | 720 |
| | 1308 | 4.9 | 150 |
| | 1924 | 23.0 | 700 |
| **15** Tu | 0137 | 5.6 | 170 |
| | 0751 | 23.6 | 720 |
| | 1411 | 4.9 | 150 |
| | 2027 | 23.3 | 710 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0239 | 5.2 | 160 |
| | 0851 | 24.0 | 730 |
| | 1508 | 4.6 | 140 |
| | 2120 | 24.0 | 730 |
| **17** Th | 0334 | 4.6 | 140 |
| | 0944 | 24.3 | 740 |
| | 1557 | 4.3 | 130 |
| | 2207 | 24.6 | 750 |
| **18** F | 0421 | 3.9 | 120 |
| | 1031 | 24.6 | 750 |
| | 1642 | 3.9 | 120 |
| | 2249 | 24.9 | 760 |
| **19** Sa | 0504 | 3.6 | 110 |
| | 1114 | 24.6 | 750 |
| | 1722 | 4.3 | 130 |
| | 2328 | 24.9 | 760 |
| **20** Su ○ | 0544 | 3.3 | 100 |
| | 1153 | 24.3 | 740 |
| | 1801 | 4.3 | 130 |
| **21** M | 0006 | 24.9 | 760 |
| | 0622 | 3.3 | 100 |
| | 1231 | 24.0 | 730 |
| | 1838 | 4.9 | 150 |
| **22** Tu | 0042 | 24.9 | 760 |
| | 0659 | 3.6 | 110 |
| | 1308 | 23.6 | 720 |
| | 1914 | 5.2 | 160 |
| **23** W | 0118 | 24.6 | 750 |
| | 0736 | 4.3 | 130 |
| | 1345 | 23.3 | 710 |
| | 1950 | 5.9 | 180 |
| **24** Th | 0156 | 24.3 | 740 |
| | 0814 | 4.9 | 150 |
| | 1423 | 22.6 | 690 |
| | 2029 | 6.6 | 200 |
| **25** F | 0235 | 23.6 | 720 |
| | 0854 | 5.2 | 160 |
| | 1504 | 22.0 | 670 |
| | 2111 | 7.2 | 220 |
| **26** Sa | 0318 | 23.0 | 700 |
| | 0939 | 5.9 | 180 |
| | 1549 | 21.7 | 660 |
| | 2157 | 7.5 | 230 |
| **27** Su | 0406 | 22.6 | 690 |
| | 1028 | 6.2 | 190 |
| | 1640 | 21.7 | 660 |
| | 2250 | 7.9 | 240 |
| **28** M ◑ | 0459 | 22.3 | 680 |
| | 1122 | 6.6 | 200 |
| | 1735 | 21.7 | 660 |
| | 2346 | 7.5 | 230 |
| **29** Tu | 0557 | 22.3 | 680 |
| | 1218 | 6.2 | 190 |
| | 1831 | 22.0 | 670 |
| **30** W | 0044 | 6.9 | 210 |
| | 0655 | 22.6 | 690 |
| | 1313 | 5.6 | 170 |
| | 1926 | 23.0 | 700 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0140 | 5.9 | 180 |
| | 0750 | 23.6 | 720 |
| | 1406 | 4.6 | 140 |
| | 2016 | 24.3 | 740 |
| **2** F | 0232 | 4.3 | 130 |
| | 0841 | 24.6 | 750 |
| | 1456 | 3.6 | 110 |
| | 2105 | 25.6 | 780 |
| **3** Sa | 0323 | 3.0 | 90 |
| | 0931 | 25.3 | 770 |
| | 1544 | 2.6 | 80 |
| | 2152 | 26.9 | 820 |
| **4** Su | 0412 | 1.3 | 40 |
| | 1020 | 26.2 | 800 |
| | 1632 | 1.6 | 50 |
| | 2240 | 27.9 | 850 |
| **5** M ● | 0501 | 0.3 | 10 |
| | 1109 | 26.6 | 810 |
| | 1720 | 1.3 | 40 |
| | 2328 | 28.5 | 870 |
| **6** Tu | 0550 | 0.0 | 0 |
| | 1159 | 26.6 | 810 |
| | 1811 | 1.6 | 50 |
| **7** W | 0019 | 28.5 | 870 |
| | 0642 | 0.0 | 0 |
| | 1252 | 26.2 | 800 |
| | 1903 | 2.0 | 60 |
| **8** Th | 0111 | 27.9 | 850 |
| | 0735 | 0.7 | 20 |
| | 1346 | 25.6 | 780 |
| | 1958 | 3.0 | 90 |
| **9** F | 0207 | 27.2 | 830 |
| | 0832 | 1.6 | 50 |
| | 1444 | 24.9 | 760 |
| | 2056 | 3.9 | 120 |
| **10** Sa | 0306 | 25.9 | 790 |
| | 0932 | 3.0 | 90 |
| | 1545 | 24.0 | 730 |
| | 2158 | 4.6 | 140 |
| **11** Su ◐ | 0409 | 24.9 | 760 |
| | 1034 | 3.9 | 120 |
| | 1650 | 23.6 | 720 |
| | 2303 | 5.6 | 170 |
| **12** M | 0515 | 24.3 | 740 |
| | 1139 | 4.6 | 140 |
| | 1756 | 23.3 | 710 |
| **13** Tu | 0010 | 5.6 | 170 |
| | 0622 | 23.6 | 720 |
| | 1243 | 4.9 | 150 |
| | 1900 | 23.3 | 710 |
| **14** W | 0115 | 5.6 | 170 |
| | 0727 | 23.3 | 710 |
| | 1344 | 4.9 | 150 |
| | 1959 | 23.6 | 720 |
| **15** Th | 0215 | 5.2 | 160 |
| | 0826 | 23.6 | 720 |
| | 1439 | 4.9 | 150 |
| | 2052 | 24.3 | 740 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0309 | 4.6 | 140 |
| | 0920 | 23.6 | 720 |
| | 1529 | 4.9 | 150 |
| | 2139 | 24.6 | 750 |
| **17** Sa | 0357 | 3.9 | 120 |
| | 1008 | 24.0 | 730 |
| | 1615 | 4.9 | 150 |
| | 2223 | 24.6 | 750 |
| **18** Su | 0441 | 3.9 | 120 |
| | 1051 | 24.0 | 730 |
| | 1657 | 4.9 | 150 |
| | 2303 | 24.9 | 760 |
| **19** M ○ | 0521 | 3.6 | 110 |
| | 1132 | 23.6 | 720 |
| | 1736 | 5.2 | 160 |
| | 2342 | 24.9 | 760 |
| **20** Tu | 0559 | 3.6 | 110 |
| | 1210 | 23.6 | 720 |
| | 1814 | 5.6 | 170 |
| **21** W | 0018 | 24.6 | 750 |
| | 0636 | 3.9 | 120 |
| | 1246 | 23.3 | 710 |
| | 1850 | 5.9 | 180 |
| **22** Th | 0055 | 24.6 | 750 |
| | 0713 | 4.3 | 130 |
| | 1322 | 23.0 | 700 |
| | 1926 | 6.2 | 190 |
| **23** F | 0131 | 24.3 | 740 |
| | 0750 | 4.6 | 140 |
| | 1359 | 23.0 | 700 |
| | 2004 | 6.2 | 190 |
| **24** Sa | 0210 | 24.0 | 730 |
| | 0829 | 4.9 | 150 |
| | 1437 | 22.6 | 690 |
| | 2044 | 6.6 | 200 |
| **25** Su | 0251 | 23.6 | 720 |
| | 0910 | 5.2 | 160 |
| | 1519 | 22.6 | 690 |
| | 2128 | 6.6 | 200 |
| **26** M | 0335 | 23.3 | 710 |
| | 0955 | 5.6 | 170 |
| | 1605 | 22.6 | 690 |
| | 2216 | 6.6 | 200 |
| **27** Tu ◑ | 0424 | 23.3 | 710 |
| | 1044 | 5.6 | 170 |
| | 1655 | 23.0 | 700 |
| | 2308 | 6.6 | 200 |
| **28** W | 0516 | 23.3 | 710 |
| | 1136 | 5.2 | 160 |
| | 1747 | 23.3 | 710 |
| **29** Th | 0003 | 5.9 | 180 |
| | 0611 | 23.3 | 710 |
| | 1229 | 4.9 | 150 |
| | 1841 | 24.0 | 730 |
| **30** F | 0059 | 4.9 | 150 |
| | 0708 | 24.0 | 730 |
| | 1323 | 4.3 | 130 |
| | 1935 | 25.3 | 770 |
| **31** Sa | 0156 | 3.6 | 110 |
| | 0804 | 24.3 | 740 |
| | 1418 | 3.6 | 110 |
| | 2028 | 26.2 | 800 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0251 | 2.6 | 80 |
| | 0859 | 24.9 | 760 |
| | 1512 | 3.0 | 90 |
| | 2122 | 27.2 | 830 |
| **2** M | 0345 | 1.3 | 40 |
| | 0955 | 25.6 | 780 |
| | 1606 | 2.3 | 70 |
| | 2215 | 27.9 | 850 |
| **3** Tu ● | 0439 | 0.7 | 20 |
| | 1049 | 25.9 | 790 |
| | 1659 | 2.0 | 60 |
| | 2309 | 28.2 | 860 |
| **4** W | 0534 | 0.3 | 10 |
| | 1144 | 26.2 | 800 |
| | 1754 | 2.0 | 60 |
| **5** Th | 0004 | 28.2 | 860 |
| | 0628 | 0.7 | 20 |
| | 1238 | 25.9 | 790 |
| | 1849 | 2.3 | 70 |
| **6** F | 0058 | 27.9 | 850 |
| | 0723 | 1.0 | 30 |
| | 1334 | 25.6 | 780 |
| | 1945 | 3.0 | 90 |
| **7** Sa | 0154 | 27.2 | 830 |
| | 0818 | 1.6 | 50 |
| | 1430 | 25.3 | 770 |
| | 2042 | 3.6 | 110 |
| **8** Su | 0250 | 26.2 | 800 |
| | 0914 | 2.6 | 80 |
| | 1527 | 24.6 | 750 |
| | 2140 | 4.3 | 130 |
| **9** M | 0349 | 25.3 | 770 |
| | 1011 | 3.6 | 110 |
| | 1626 | 24.3 | 740 |
| | 2240 | 4.9 | 150 |
| **10** Tu ◐ | 0449 | 24.3 | 740 |
| | 1110 | 4.3 | 130 |
| | 1725 | 24.0 | 730 |
| | 2341 | 5.2 | 160 |
| **11** W | 0551 | 23.6 | 720 |
| | 1209 | 4.9 | 150 |
| | 1825 | 23.6 | 720 |
| **12** Th | 0043 | 5.6 | 170 |
| | 0653 | 23.0 | 700 |
| | 1307 | 5.6 | 170 |
| | 1922 | 23.6 | 720 |
| **13** F | 0142 | 5.2 | 160 |
| | 0753 | 23.0 | 700 |
| | 1404 | 5.6 | 170 |
| | 2016 | 24.0 | 730 |
| **14** Sa | 0237 | 4.9 | 150 |
| | 0848 | 23.0 | 700 |
| | 1457 | 5.9 | 180 |
| | 2107 | 24.0 | 730 |
| **15** Su | 0328 | 4.6 | 140 |
| | 0939 | 23.0 | 700 |
| | 1546 | 5.9 | 180 |
| | 2154 | 24.3 | 740 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0414 | 4.6 | 140 |
| | 1026 | 23.0 | 700 |
| | 1630 | 5.9 | 180 |
| | 2238 | 24.3 | 740 |
| **17** Tu | 0457 | 4.3 | 130 |
| | 1108 | 23.0 | 700 |
| | 1712 | 5.9 | 180 |
| | 2318 | 24.6 | 750 |
| **18** W ○ | 0537 | 4.3 | 130 |
| | 1147 | 23.3 | 710 |
| | 1750 | 5.9 | 180 |
| | 2356 | 24.6 | 750 |
| **19** Th | 0614 | 4.3 | 130 |
| | 1223 | 23.3 | 710 |
| | 1827 | 5.9 | 180 |
| **20** F | 0032 | 24.6 | 750 |
| | 0650 | 4.3 | 130 |
| | 1258 | 23.3 | 710 |
| | 1903 | 5.6 | 170 |
| **21** Sa | 0109 | 24.9 | 760 |
| | 0726 | 4.3 | 130 |
| | 1333 | 23.6 | 720 |
| | 1940 | 5.6 | 170 |
| **22** Su | 0146 | 24.6 | 750 |
| | 0804 | 4.3 | 130 |
| | 1410 | 23.6 | 720 |
| | 2018 | 5.6 | 170 |
| **23** M | 0224 | 24.6 | 750 |
| | 0843 | 4.3 | 130 |
| | 1449 | 24.0 | 730 |
| | 2059 | 5.2 | 160 |
| **24** Tu | 0305 | 24.3 | 740 |
| | 0924 | 4.3 | 130 |
| | 1532 | 24.0 | 730 |
| | 2144 | 5.2 | 160 |
| **25** W | 0350 | 24.3 | 740 |
| | 1009 | 4.3 | 130 |
| | 1618 | 24.3 | 740 |
| | 2233 | 4.9 | 150 |
| **26** Th ◑ | 0440 | 24.0 | 730 |
| | 1058 | 4.6 | 140 |
| | 1708 | 24.6 | 750 |
| | 2327 | 4.6 | 140 |
| **27** F | 0534 | 24.0 | 730 |
| | 1151 | 4.6 | 140 |
| | 1802 | 24.9 | 760 |
| **28** Sa | 0024 | 4.3 | 130 |
| | 0632 | 24.0 | 730 |
| | 1247 | 4.3 | 130 |
| | 1859 | 25.6 | 780 |
| **29** Su | 0124 | 3.6 | 110 |
| | 0734 | 24.0 | 730 |
| | 1347 | 4.3 | 130 |
| | 1959 | 26.2 | 800 |
| **30** M | 0225 | 3.0 | 90 |
| | 0835 | 24.3 | 740 |
| | 1447 | 3.6 | 110 |
| | 2059 | 26.9 | 820 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Saint John, New Brunswick, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0325 | 2.0 | 60 |
| | 0936 | 24.9 | 760 |
| | 1547 | 3.3 | 100 |
| | 2158 | 27.2 | 830 |
| **2** W ● | 0424 | 1.6 | 50 |
| | 1035 | 25.3 | 770 |
| | 1645 | 3.0 | 90 |
| | 2256 | 27.9 | 850 |
| **3** Th | 0521 | 1.0 | 30 |
| | 1131 | 25.6 | 780 |
| | 1742 | 2.6 | 80 |
| | 2351 | 27.9 | 850 |
| **4** F | 0615 | 1.0 | 30 |
| | 1225 | 25.9 | 790 |
| | 1836 | 2.6 | 80 |
| **5** Sa | 0045 | 27.6 | 840 |
| | 0708 | 1.3 | 40 |
| | 1318 | 25.9 | 790 |
| | 1929 | 3.0 | 90 |
| **6** Su | 0137 | 26.9 | 820 |
| | 0759 | 2.0 | 60 |
| | 1409 | 25.6 | 780 |
| | 2022 | 3.3 | 100 |
| **7** M | 0229 | 26.2 | 800 |
| | 0850 | 2.6 | 80 |
| | 1501 | 25.3 | 770 |
| | 2114 | 3.9 | 120 |
| **8** Tu | 0322 | 25.3 | 770 |
| | 0941 | 3.6 | 110 |
| | 1553 | 24.6 | 750 |
| | 2208 | 4.6 | 140 |
| **9** W | 0417 | 24.3 | 740 |
| | 1033 | 4.6 | 140 |
| | 1647 | 24.3 | 740 |
| | 2304 | 5.2 | 160 |
| **10** Th ◐ | 0514 | 23.3 | 710 |
| | 1128 | 5.2 | 160 |
| | 1742 | 23.6 | 720 |
| **11** F | 0002 | 5.6 | 170 |
| | 0613 | 22.6 | 690 |
| | 1225 | 5.9 | 180 |
| | 1840 | 23.3 | 710 |
| **12** Sa | 0102 | 5.9 | 180 |
| | 0713 | 22.0 | 670 |
| | 1324 | 6.6 | 200 |
| | 1937 | 23.3 | 710 |
| **13** Su | 0159 | 5.9 | 180 |
| | 0812 | 22.0 | 670 |
| | 1420 | 6.9 | 210 |
| | 2032 | 23.3 | 710 |
| **14** M | 0255 | 5.6 | 170 |
| | 0907 | 22.0 | 670 |
| | 1513 | 6.9 | 210 |
| | 2123 | 23.6 | 720 |
| **15** Tu | 0345 | 5.2 | 160 |
| | 0956 | 22.3 | 680 |
| | 1601 | 6.6 | 200 |
| | 2210 | 24.0 | 730 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0430 | 4.9 | 150 |
| | 1040 | 22.6 | 690 |
| | 1644 | 6.2 | 190 |
| | 2252 | 24.3 | 740 |
| **17** Th | 0511 | 4.6 | 140 |
| | 1120 | 23.0 | 700 |
| | 1724 | 5.9 | 180 |
| | 2331 | 24.6 | 750 |
| **18** F ○ | 0549 | 4.3 | 130 |
| | 1156 | 23.3 | 710 |
| | 1801 | 5.2 | 160 |
| **19** Sa | 0008 | 25.3 | 770 |
| | 0625 | 3.6 | 110 |
| | 1231 | 24.0 | 730 |
| | 1837 | 4.9 | 150 |
| **20** Su | 0044 | 25.3 | 770 |
| | 0659 | 3.6 | 110 |
| | 1305 | 24.3 | 740 |
| | 1913 | 4.3 | 130 |
| **21** M | 0119 | 25.6 | 780 |
| | 0736 | 3.3 | 100 |
| | 1341 | 24.6 | 750 |
| | 1951 | 3.9 | 120 |
| **22** Tu | 0157 | 25.6 | 780 |
| | 0813 | 3.3 | 100 |
| | 1418 | 24.9 | 760 |
| | 2031 | 3.9 | 120 |
| **23** W | 0237 | 25.3 | 770 |
| | 0853 | 3.3 | 100 |
| | 1459 | 25.3 | 770 |
| | 2115 | 3.9 | 120 |
| **24** Th | 0320 | 24.9 | 760 |
| | 0937 | 3.6 | 110 |
| | 1545 | 25.3 | 770 |
| | 2203 | 3.9 | 120 |
| **25** F ◑ | 0409 | 24.3 | 740 |
| | 1026 | 3.9 | 120 |
| | 1635 | 25.3 | 770 |
| | 2257 | 3.9 | 120 |
| **26** Sa | 0504 | 24.0 | 730 |
| | 1120 | 4.6 | 140 |
| | 1731 | 25.3 | 770 |
| | 2356 | 3.9 | 120 |
| **27** Su | 0606 | 23.6 | 720 |
| | 1221 | 4.9 | 150 |
| | 1834 | 25.3 | 770 |
| **28** M | 0101 | 3.9 | 120 |
| | 0712 | 23.3 | 710 |
| | 1326 | 4.9 | 150 |
| | 1939 | 25.3 | 770 |
| **29** Tu | 0208 | 3.6 | 110 |
| | 0819 | 23.6 | 720 |
| | 1432 | 4.6 | 140 |
| | 2046 | 25.9 | 790 |
| **30** W | 0313 | 3.0 | 90 |
| | 0924 | 24.3 | 740 |
| | 1536 | 3.9 | 120 |
| | 2148 | 26.6 | 810 |
| **31** Th | 0413 | 2.3 | 70 |
| | 1024 | 24.9 | 760 |
| | 1635 | 3.3 | 100 |
| | 2246 | 26.9 | 820 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0509 | 2.0 | 60 |
| | 1119 | 25.6 | 780 |
| | 1730 | 3.0 | 90 |
| | 2339 | 27.2 | 830 |
| **2** Sa | 0601 | 1.6 | 50 |
| | 1210 | 25.9 | 790 |
| | 1821 | 2.6 | 80 |
| **3** Su | 0029 | 26.9 | 820 |
| | 0649 | 1.6 | 50 |
| | 1258 | 25.9 | 790 |
| | 1910 | 3.0 | 90 |
| **4** M | 0117 | 26.6 | 810 |
| | 0735 | 2.0 | 60 |
| | 1344 | 25.9 | 790 |
| | 1957 | 3.0 | 90 |
| **5** Tu | 0204 | 25.9 | 790 |
| | 0821 | 3.0 | 90 |
| | 1430 | 25.6 | 780 |
| | 2045 | 3.6 | 110 |
| **6** W | 0252 | 24.9 | 760 |
| | 0907 | 3.6 | 110 |
| | 1517 | 24.9 | 760 |
| | 2133 | 4.3 | 130 |
| **7** Th | 0342 | 24.0 | 730 |
| | 0955 | 4.6 | 140 |
| | 1606 | 24.3 | 740 |
| | 2224 | 4.9 | 150 |
| **8** F ◐ | 0434 | 23.0 | 700 |
| | 1046 | 5.9 | 180 |
| | 1659 | 23.6 | 720 |
| | 2319 | 5.9 | 180 |
| **9** Sa | 0530 | 22.0 | 670 |
| | 1142 | 6.6 | 200 |
| | 1755 | 23.0 | 700 |
| **10** Su | 0018 | 6.6 | 200 |
| | 0630 | 21.3 | 650 |
| | 1241 | 7.2 | 220 |
| | 1855 | 22.3 | 680 |
| **11** M | 0119 | 6.6 | 200 |
| | 0732 | 21.0 | 640 |
| | 1341 | 7.5 | 230 |
| | 1954 | 22.3 | 680 |
| **12** Tu | 0217 | 6.6 | 200 |
| | 0830 | 21.3 | 650 |
| | 1438 | 7.5 | 230 |
| | 2049 | 22.6 | 690 |
| **13** W | 0311 | 5.9 | 180 |
| | 0922 | 21.7 | 660 |
| | 1529 | 6.9 | 210 |
| | 2139 | 23.3 | 710 |
| **14** Th | 0358 | 5.2 | 160 |
| | 1008 | 22.3 | 680 |
| | 1613 | 6.2 | 190 |
| | 2223 | 24.0 | 730 |
| **15** F | 0440 | 4.6 | 140 |
| | 1047 | 23.0 | 700 |
| | 1653 | 5.2 | 160 |
| | 2302 | 24.9 | 760 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0518 | 3.9 | 120 |
| | 1124 | 24.0 | 730 |
| | 1731 | 4.6 | 140 |
| | 2339 | 25.3 | 770 |
| **17** Su | 0554 | 3.3 | 100 |
| | 1159 | 24.6 | 750 |
| | 1808 | 3.6 | 110 |
| **18** M | 0015 | 25.9 | 790 |
| | 0629 | 2.6 | 80 |
| | 1234 | 25.3 | 770 |
| | 1845 | 3.0 | 90 |
| **19** Tu | 0051 | 25.9 | 790 |
| | 0706 | 2.3 | 70 |
| | 1310 | 25.9 | 790 |
| | 1923 | 2.6 | 80 |
| **20** W | 0129 | 25.9 | 790 |
| | 0744 | 2.3 | 70 |
| | 1349 | 26.2 | 800 |
| | 2004 | 2.6 | 80 |
| **21** Th | 0210 | 25.6 | 780 |
| | 0825 | 2.6 | 80 |
| | 1431 | 26.2 | 800 |
| | 2049 | 2.6 | 80 |
| **22** F | 0255 | 25.3 | 770 |
| | 0910 | 3.3 | 100 |
| | 1518 | 25.9 | 790 |
| | 2138 | 3.0 | 90 |
| **23** Sa ◑ | 0346 | 24.3 | 740 |
| | 1002 | 3.9 | 120 |
| | 1611 | 25.3 | 770 |
| | 2235 | 3.6 | 110 |
| **24** Su | 0444 | 23.6 | 720 |
| | 1059 | 4.9 | 150 |
| | 1711 | 24.9 | 760 |
| | 2338 | 4.3 | 130 |
| **25** M | 0550 | 23.0 | 700 |
| | 1205 | 5.2 | 160 |
| | 1819 | 24.6 | 750 |
| **26** Tu | 0048 | 4.6 | 140 |
| | 0701 | 22.6 | 690 |
| | 1316 | 5.6 | 170 |
| | 1930 | 24.6 | 750 |
| **27** W | 0159 | 4.3 | 130 |
| | 0812 | 23.0 | 700 |
| | 1425 | 4.9 | 150 |
| | 2039 | 24.9 | 760 |
| **28** Th | 0304 | 3.6 | 110 |
| | 0917 | 24.0 | 730 |
| | 1529 | 4.3 | 130 |
| | 2141 | 25.6 | 780 |
| **29** F | 0403 | 3.0 | 90 |
| | 1014 | 24.6 | 750 |
| | 1625 | 3.6 | 110 |
| | 2236 | 26.2 | 800 |
| **30** Sa ● | 0455 | 2.6 | 80 |
| | 1105 | 25.3 | 770 |
| | 1717 | 3.0 | 90 |
| | 2325 | 26.2 | 800 |
| **31** Su | 0543 | 2.3 | 70 |
| | 1151 | 25.9 | 790 |
| | 1804 | 2.6 | 80 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0011 | 26.2 | 800 |
| | 0627 | 2.3 | 70 |
| | 1234 | 25.9 | 790 |
| | 1848 | 2.6 | 80 |
| **2** Tu | 0055 | 25.9 | 790 |
| | 0709 | 2.6 | 80 |
| | 1316 | 25.9 | 790 |
| | 1931 | 3.0 | 90 |
| **3** W | 0139 | 25.3 | 770 |
| | 0751 | 3.3 | 100 |
| | 1358 | 25.6 | 780 |
| | 2014 | 3.6 | 110 |
| **4** Th | 0222 | 24.6 | 750 |
| | 0834 | 4.3 | 130 |
| | 1442 | 24.9 | 760 |
| | 2059 | 4.3 | 130 |
| **5** F | 0308 | 23.6 | 720 |
| | 0918 | 5.2 | 160 |
| | 1527 | 24.0 | 730 |
| | 2146 | 5.2 | 160 |
| **6** Sa | 0356 | 22.6 | 690 |
| | 1006 | 6.2 | 190 |
| | 1617 | 23.3 | 710 |
| | 2237 | 5.9 | 180 |
| **7** Su ◐ | 0449 | 21.7 | 660 |
| | 1058 | 7.2 | 220 |
| | 1711 | 22.3 | 680 |
| | 2334 | 6.9 | 210 |
| **8** M | 0547 | 21.0 | 640 |
| | 1157 | 7.9 | 240 |
| | 1811 | 22.0 | 670 |
| **9** Tu | 0034 | 7.2 | 220 |
| | 0649 | 20.7 | 630 |
| | 1258 | 8.2 | 250 |
| | 1912 | 22.0 | 670 |
| **10** W | 0135 | 6.9 | 210 |
| | 0749 | 21.0 | 640 |
| | 1357 | 7.9 | 240 |
| | 2010 | 22.3 | 680 |
| **11** Th | 0230 | 6.6 | 200 |
| | 0842 | 21.7 | 660 |
| | 1450 | 7.2 | 220 |
| | 2102 | 23.0 | 700 |
| **12** F | 0319 | 5.6 | 170 |
| | 0928 | 22.3 | 680 |
| | 1537 | 5.9 | 180 |
| | 2147 | 24.0 | 730 |
| **13** Sa | 0402 | 4.6 | 140 |
| | 1009 | 23.6 | 720 |
| | 1618 | 4.9 | 150 |
| | 2227 | 24.9 | 760 |
| **14** Su | 0441 | 3.6 | 110 |
| | 1047 | 24.6 | 750 |
| | 1657 | 3.6 | 110 |
| | 2306 | 25.6 | 780 |
| **15** M ○ | 0519 | 3.0 | 90 |
| | 1124 | 25.6 | 780 |
| | 1736 | 2.6 | 80 |
| | 2343 | 25.9 | 790 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0556 | 2.3 | 70 |
| | 1201 | 26.2 | 800 |
| | 1816 | 2.0 | 60 |
| **17** W | 0022 | 26.2 | 800 |
| | 0635 | 2.0 | 60 |
| | 1240 | 26.9 | 820 |
| | 1857 | 1.3 | 40 |
| **18** Th | 0103 | 26.2 | 800 |
| | 0716 | 2.0 | 60 |
| | 1322 | 26.9 | 820 |
| | 1941 | 1.3 | 40 |
| **19** F | 0148 | 25.9 | 790 |
| | 0801 | 2.6 | 80 |
| | 1407 | 26.9 | 820 |
| | 2028 | 2.0 | 60 |
| **20** Sa | 0237 | 25.3 | 770 |
| | 0850 | 3.3 | 100 |
| | 1458 | 26.2 | 800 |
| | 2122 | 2.6 | 80 |
| **21** Su | 0331 | 24.3 | 740 |
| | 0946 | 4.3 | 130 |
| | 1556 | 25.3 | 770 |
| | 2222 | 3.6 | 110 |
| **22** M ◑ | 0433 | 23.3 | 710 |
| | 1049 | 5.2 | 160 |
| | 1700 | 24.6 | 750 |
| | 2329 | 4.6 | 140 |
| **23** Tu | 0543 | 22.6 | 690 |
| | 1158 | 5.6 | 170 |
| | 1812 | 24.0 | 730 |
| **24** W | 0041 | 4.9 | 150 |
| | 0656 | 22.6 | 690 |
| | 1310 | 5.6 | 170 |
| | 1925 | 24.0 | 730 |
| **25** Th | 0151 | 4.6 | 140 |
| | 0806 | 23.3 | 710 |
| | 1419 | 5.2 | 160 |
| | 2032 | 24.6 | 750 |
| **26** F | 0254 | 3.9 | 120 |
| | 0907 | 24.0 | 730 |
| | 1519 | 4.3 | 130 |
| | 2131 | 24.9 | 760 |
| **27** Sa | 0349 | 3.6 | 110 |
| | 0959 | 24.6 | 750 |
| | 1613 | 3.6 | 110 |
| | 2223 | 25.3 | 770 |
| **28** Su | 0438 | 3.0 | 90 |
| | 1047 | 25.3 | 770 |
| | 1701 | 3.0 | 90 |
| | 2309 | 25.6 | 780 |
| **29** M ● | 0522 | 3.0 | 90 |
| | 1130 | 25.6 | 780 |
| | 1745 | 2.6 | 80 |
| | 2353 | 25.3 | 770 |
| **30** Tu | 0604 | 3.3 | 100 |
| | 1210 | 25.9 | 790 |
| | 1826 | 2.6 | 80 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Saint John, New Brunswick, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0034 | 24.9 | 760 |
| | 0644 | 3.6 | 110 |
| | 1250 | 25.6 | 780 |
| | 1906 | 3.0 | 90 |
| **2** Th | 0115 | 24.6 | 750 |
| | 0724 | 4.3 | 130 |
| | 1329 | 25.3 | 770 |
| | 1947 | 3.6 | 110 |
| **3** F | 0155 | 24.0 | 730 |
| | 0804 | 4.9 | 150 |
| | 1410 | 24.6 | 750 |
| | 2028 | 4.3 | 130 |
| **4** Sa | 0238 | 23.3 | 710 |
| | 0845 | 5.9 | 180 |
| | 1453 | 24.0 | 730 |
| | 2112 | 5.2 | 160 |
| **5** Su | 0322 | 22.3 | 680 |
| | 0930 | 6.6 | 200 |
| | 1539 | 23.3 | 710 |
| | 2159 | 5.9 | 180 |
| **6** M | 0411 | 21.7 | 660 |
| | 1019 | 7.5 | 230 |
| | 1630 | 22.3 | 680 |
| | 2251 | 6.6 | 200 |
| **7** Tu ◐ | 0505 | 21.0 | 640 |
| | 1114 | 8.2 | 250 |
| | 1726 | 22.0 | 670 |
| | 2348 | 7.2 | 220 |
| **8** W | 0603 | 21.0 | 640 |
| | 1213 | 8.2 | 250 |
| | 1826 | 21.7 | 660 |
| **9** Th | 0047 | 6.9 | 210 |
| | 0702 | 21.3 | 650 |
| | 1312 | 7.9 | 240 |
| | 1924 | 22.3 | 680 |
| **10** F | 0143 | 6.6 | 200 |
| | 0755 | 22.0 | 670 |
| | 1406 | 6.9 | 210 |
| | 2017 | 23.0 | 700 |
| **11** Sa | 0233 | 5.6 | 170 |
| | 0843 | 23.0 | 700 |
| | 1455 | 5.6 | 170 |
| | 2104 | 23.6 | 720 |
| **12** Su | 0318 | 4.6 | 140 |
| | 0926 | 24.0 | 730 |
| | 1539 | 4.3 | 130 |
| | 2148 | 24.6 | 750 |
| **13** M | 0400 | 3.6 | 110 |
| | 1007 | 25.3 | 770 |
| | 1622 | 3.0 | 90 |
| | 2230 | 25.3 | 770 |
| **14** Tu ○ | 0442 | 2.6 | 80 |
| | 1048 | 26.6 | 810 |
| | 1705 | 1.6 | 50 |
| | 2312 | 25.9 | 790 |
| **15** W | 0524 | 2.0 | 60 |
| | 1130 | 27.2 | 830 |
| | 1748 | 1.0 | 30 |
| | 2356 | 26.2 | 800 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0607 | 2.0 | 60 |
| | 1214 | 27.6 | 840 |
| | 1834 | 0.7 | 20 |
| **17** F | 0042 | 26.2 | 800 |
| | 0653 | 2.0 | 60 |
| | 1300 | 27.6 | 840 |
| | 1922 | 1.0 | 30 |
| **18** Sa | 0131 | 25.9 | 790 |
| | 0743 | 2.6 | 80 |
| | 1351 | 27.2 | 830 |
| | 2014 | 1.6 | 50 |
| **19** Su | 0224 | 24.9 | 760 |
| | 0837 | 3.3 | 100 |
| | 1446 | 26.2 | 800 |
| | 2111 | 2.6 | 80 |
| **20** M | 0323 | 24.3 | 740 |
| | 0937 | 4.3 | 130 |
| | 1547 | 25.3 | 770 |
| | 2213 | 3.6 | 110 |
| **21** Tu ◑ | 0427 | 23.6 | 720 |
| | 1042 | 5.2 | 160 |
| | 1653 | 24.6 | 750 |
| | 2321 | 4.3 | 130 |
| **22** W | 0536 | 23.0 | 700 |
| | 1151 | 5.6 | 170 |
| | 1804 | 24.0 | 730 |
| **23** Th | 0030 | 4.6 | 140 |
| | 0646 | 23.3 | 710 |
| | 1301 | 5.6 | 170 |
| | 1914 | 24.0 | 730 |
| **24** F | 0136 | 4.6 | 140 |
| | 0751 | 23.6 | 720 |
| | 1406 | 4.9 | 150 |
| | 2018 | 24.0 | 730 |
| **25** Sa | 0235 | 4.3 | 130 |
| | 0849 | 24.3 | 740 |
| | 1504 | 4.3 | 130 |
| | 2115 | 24.3 | 740 |
| **26** Su | 0328 | 3.9 | 120 |
| | 0939 | 24.9 | 760 |
| | 1555 | 3.6 | 110 |
| | 2206 | 24.6 | 750 |
| **27** M | 0416 | 3.9 | 120 |
| | 1025 | 25.3 | 770 |
| | 1642 | 3.3 | 100 |
| | 2251 | 24.6 | 750 |
| **28** Tu ● | 0459 | 3.9 | 120 |
| | 1107 | 25.6 | 780 |
| | 1724 | 3.0 | 90 |
| | 2334 | 24.6 | 750 |
| **29** W | 0541 | 4.3 | 130 |
| | 1147 | 25.6 | 780 |
| | 1804 | 3.0 | 90 |
| **30** Th | 0014 | 24.3 | 740 |
| | 0621 | 4.6 | 140 |
| | 1226 | 25.3 | 770 |
| | 1844 | 3.3 | 100 |
| **31** F | 0053 | 24.0 | 730 |
| | 0659 | 4.9 | 150 |
| | 1304 | 24.9 | 760 |
| | 1922 | 3.9 | 120 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0132 | 23.6 | 720 |
| | 0738 | 5.6 | 170 |
| | 1343 | 24.6 | 750 |
| | 2002 | 4.3 | 130 |
| **2** Su | 0211 | 23.0 | 700 |
| | 0817 | 6.2 | 190 |
| | 1424 | 24.0 | 730 |
| | 2043 | 4.9 | 150 |
| **3** M | 0253 | 22.6 | 690 |
| | 0859 | 6.9 | 210 |
| | 1507 | 23.3 | 710 |
| | 2126 | 5.6 | 170 |
| **4** Tu | 0337 | 22.0 | 670 |
| | 0945 | 7.2 | 220 |
| | 1553 | 23.0 | 700 |
| | 2213 | 6.2 | 190 |
| **5** W | 0425 | 21.7 | 660 |
| | 1034 | 7.5 | 230 |
| | 1644 | 22.3 | 680 |
| | 2304 | 6.6 | 200 |
| **6** Th ◐ | 0517 | 21.7 | 660 |
| | 1128 | 7.5 | 230 |
| | 1738 | 22.3 | 680 |
| | 2357 | 6.6 | 200 |
| **7** F | 0611 | 22.0 | 670 |
| | 1224 | 7.2 | 220 |
| | 1834 | 22.3 | 680 |
| **8** Sa | 0051 | 5.9 | 180 |
| | 0704 | 22.6 | 690 |
| | 1318 | 6.2 | 190 |
| | 1928 | 23.0 | 700 |
| **9** Su | 0143 | 5.2 | 160 |
| | 0754 | 23.6 | 720 |
| | 1410 | 5.2 | 160 |
| | 2019 | 23.6 | 720 |
| **10** M | 0232 | 4.6 | 140 |
| | 0842 | 24.9 | 760 |
| | 1459 | 3.6 | 110 |
| | 2108 | 24.3 | 740 |
| **11** Tu | 0320 | 3.6 | 110 |
| | 0928 | 25.9 | 790 |
| | 1548 | 2.3 | 70 |
| | 2156 | 25.3 | 770 |
| **12** W | 0407 | 3.0 | 90 |
| | 1015 | 27.2 | 830 |
| | 1636 | 1.3 | 40 |
| | 2244 | 25.6 | 780 |
| **13** Th ○ | 0455 | 2.3 | 70 |
| | 1103 | 27.9 | 850 |
| | 1725 | 0.7 | 20 |
| | 2334 | 26.2 | 800 |
| **14** F | 0544 | 2.0 | 60 |
| | 1152 | 28.2 | 860 |
| | 1815 | 0.3 | 10 |
| **15** Sa | 0025 | 26.2 | 800 |
| | 0636 | 2.3 | 70 |
| | 1244 | 27.9 | 850 |
| | 1908 | 0.7 | 20 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0118 | 25.9 | 790 |
| | 0730 | 2.6 | 80 |
| | 1338 | 27.6 | 840 |
| | 2003 | 1.3 | 40 |
| **17** M | 0214 | 25.3 | 770 |
| | 0827 | 3.3 | 100 |
| | 1436 | 26.6 | 810 |
| | 2101 | 2.3 | 70 |
| **18** Tu | 0313 | 24.6 | 750 |
| | 0927 | 3.9 | 120 |
| | 1536 | 25.6 | 780 |
| | 2202 | 3.0 | 90 |
| **19** W ◑ | 0416 | 24.3 | 740 |
| | 1030 | 4.6 | 140 |
| | 1641 | 24.9 | 760 |
| | 2304 | 3.9 | 120 |
| **20** Th | 0521 | 24.0 | 730 |
| | 1135 | 4.9 | 150 |
| | 1747 | 24.3 | 740 |
| **21** F | 0008 | 4.3 | 130 |
| | 0625 | 24.0 | 730 |
| | 1241 | 5.2 | 160 |
| | 1853 | 23.6 | 720 |
| **22** Sa | 0110 | 4.6 | 140 |
| | 0726 | 24.0 | 730 |
| | 1343 | 4.9 | 150 |
| | 1955 | 23.6 | 720 |
| **23** Su | 0208 | 4.9 | 150 |
| | 0822 | 24.3 | 740 |
| | 1440 | 4.3 | 130 |
| | 2052 | 23.6 | 720 |
| **24** M | 0302 | 4.9 | 150 |
| | 0913 | 24.6 | 750 |
| | 1532 | 3.9 | 120 |
| | 2143 | 24.0 | 730 |
| **25** Tu | 0351 | 4.9 | 150 |
| | 1000 | 24.9 | 760 |
| | 1619 | 3.6 | 110 |
| | 2230 | 24.0 | 730 |
| **26** W | 0437 | 4.9 | 150 |
| | 1044 | 24.9 | 760 |
| | 1703 | 3.6 | 110 |
| | 2314 | 24.0 | 730 |
| **27** Th ● | 0519 | 4.9 | 150 |
| | 1125 | 24.9 | 760 |
| | 1744 | 3.6 | 110 |
| | 2354 | 23.6 | 720 |
| **28** F | 0559 | 5.2 | 160 |
| | 1204 | 24.9 | 760 |
| | 1823 | 3.6 | 110 |
| **29** Sa | 0033 | 23.6 | 720 |
| | 0637 | 5.6 | 170 |
| | 1242 | 24.9 | 760 |
| | 1901 | 3.9 | 120 |
| **30** Su | 0110 | 23.3 | 710 |
| | 0715 | 5.9 | 180 |
| | 1320 | 24.6 | 750 |
| | 1938 | 4.3 | 130 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0147 | 23.3 | 710 |
| | 0752 | 6.2 | 190 |
| | 1358 | 24.3 | 740 |
| | 2016 | 4.6 | 140 |
| **2** Tu | 0225 | 23.0 | 700 |
| | 0831 | 6.2 | 190 |
| | 1438 | 24.0 | 730 |
| | 2056 | 4.9 | 150 |
| **3** W | 0305 | 23.0 | 700 |
| | 0913 | 6.6 | 200 |
| | 1519 | 23.6 | 720 |
| | 2138 | 5.2 | 160 |
| **4** Th | 0347 | 23.0 | 700 |
| | 0958 | 6.6 | 200 |
| | 1605 | 23.3 | 710 |
| | 2223 | 5.6 | 170 |
| **5** F ◐ | 0434 | 23.0 | 700 |
| | 1046 | 6.6 | 200 |
| | 1653 | 23.0 | 700 |
| | 2311 | 5.6 | 170 |
| **6** Sa | 0523 | 23.3 | 710 |
| | 1138 | 6.2 | 190 |
| | 1745 | 23.0 | 700 |
| **7** Su | 0002 | 5.2 | 160 |
| | 0614 | 23.6 | 720 |
| | 1232 | 5.6 | 170 |
| | 1840 | 23.3 | 710 |
| **8** M | 0055 | 4.9 | 150 |
| | 0707 | 24.3 | 740 |
| | 1328 | 4.6 | 140 |
| | 1936 | 23.6 | 720 |
| **9** Tu | 0149 | 4.6 | 140 |
| | 0800 | 25.3 | 770 |
| | 1423 | 3.6 | 110 |
| | 2032 | 24.0 | 730 |
| **10** W | 0243 | 3.9 | 120 |
| | 0854 | 26.2 | 800 |
| | 1518 | 2.3 | 70 |
| | 2127 | 24.6 | 750 |
| **11** Th | 0338 | 3.3 | 100 |
| | 0948 | 27.2 | 830 |
| | 1612 | 1.3 | 40 |
| | 2222 | 25.3 | 770 |
| **12** F ○ | 0432 | 2.6 | 80 |
| | 1042 | 27.9 | 850 |
| | 1706 | 0.7 | 20 |
| | 2316 | 25.9 | 790 |
| **13** Sa | 0527 | 2.3 | 70 |
| | 1136 | 28.2 | 860 |
| | 1801 | 0.7 | 20 |
| **14** Su | 0011 | 26.2 | 800 |
| | 0622 | 2.3 | 70 |
| | 1231 | 28.2 | 860 |
| | 1855 | 0.7 | 20 |
| **15** M | 0106 | 26.2 | 800 |
| | 0717 | 2.3 | 70 |
| | 1326 | 27.9 | 850 |
| | 1950 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0201 | 25.9 | 790 |
| | 0813 | 3.0 | 90 |
| | 1422 | 26.9 | 820 |
| | 2045 | 1.6 | 50 |
| **17** W | 0257 | 25.6 | 780 |
| | 0910 | 3.6 | 110 |
| | 1519 | 25.9 | 790 |
| | 2141 | 2.6 | 80 |
| **18** Th | 0355 | 24.9 | 760 |
| | 1009 | 4.3 | 130 |
| | 1619 | 24.9 | 760 |
| | 2238 | 3.6 | 110 |
| **19** F ◑ | 0453 | 24.6 | 750 |
| | 1110 | 4.6 | 140 |
| | 1720 | 24.0 | 730 |
| | 2337 | 4.3 | 130 |
| **20** Sa | 0553 | 24.3 | 740 |
| | 1211 | 4.9 | 150 |
| | 1822 | 23.3 | 710 |
| **21** Su | 0036 | 4.9 | 150 |
| | 0651 | 24.3 | 740 |
| | 1312 | 4.9 | 150 |
| | 1924 | 23.0 | 700 |
| **22** M | 0135 | 5.6 | 170 |
| | 0749 | 24.0 | 730 |
| | 1410 | 4.9 | 150 |
| | 2022 | 23.0 | 700 |
| **23** Tu | 0231 | 5.6 | 170 |
| | 0843 | 24.3 | 740 |
| | 1504 | 4.6 | 140 |
| | 2117 | 23.0 | 700 |
| **24** W | 0324 | 5.6 | 170 |
| | 0934 | 24.3 | 740 |
| | 1554 | 4.3 | 130 |
| | 2206 | 23.0 | 700 |
| **25** Th | 0412 | 5.6 | 170 |
| | 1020 | 24.6 | 750 |
| | 1640 | 4.3 | 130 |
| | 2252 | 23.3 | 710 |
| **26** F | 0456 | 5.6 | 170 |
| | 1103 | 24.6 | 750 |
| | 1723 | 3.9 | 120 |
| | 2333 | 23.3 | 710 |
| **27** Sa ● | 0537 | 5.6 | 170 |
| | 1143 | 24.9 | 760 |
| | 1802 | 3.9 | 120 |
| **28** Su | 0010 | 23.3 | 710 |
| | 0615 | 5.6 | 170 |
| | 1221 | 24.9 | 760 |
| | 1838 | 3.9 | 120 |
| **29** M | 0046 | 23.6 | 720 |
| | 0651 | 5.6 | 170 |
| | 1257 | 24.9 | 760 |
| | 1914 | 4.3 | 130 |
| **30** Tu | 0121 | 23.6 | 720 |
| | 0727 | 5.6 | 170 |
| | 1333 | 24.9 | 760 |
| | 1949 | 4.3 | 130 |
| **31** W | 0155 | 23.6 | 720 |
| | 0803 | 5.2 | 160 |
| | 1409 | 24.6 | 750 |
| | 2026 | 4.3 | 130 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the Canadian chart datum of soundings.

# Eastport, Maine, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm | | h m | ft cm | | h m | ft cm |
| **1** Tu | 0500 | 17.4 530 | **16** W | 0416 | 19.1 582 | **1** F | 0601 | 16.7 509 | **16** Sa | 0603 | 18.5 564 |
| | 1123 | 2.5 76 | | 1045 | 0.8 24 | | 1229 | 2.9 88 | | 1239 | 1.0 30 |
| | 1728 | 16.3 497 | | 1647 | 17.8 543 | | 1836 | 15.3 466 | | 1843 | 16.8 512 |
| | 2343 | 2.7 82 | | 2308 | 1.2 37 | | | | | | |
| **2** W | 0554 | 17.2 524 | **17** Th | 0516 | 19.0 579 | **2** Sa | 0048 | 3.6 110 | **17** Su | 0103 | 2.0 61 |
| | 1219 | 2.5 76 | | 1148 | 0.7 21 | | 0658 | 16.8 512 | | 0710 | 18.7 570 |
| | 1825 | 16.1 491 | | 1751 | 17.4 530 | | 1326 | 2.6 79 | | 1346 | 0.6 18 |
| | | | | | | | 1933 | 15.6 475 | | 1950 | 17.2 524 |
| **3** Th | 0037 | 3.0 91 | **18** F | 0011 | 1.5 46 | **3** Su | 0144 | 3.3 101 | **18** M | 0208 | 1.4 43 |
| | 0647 | 17.3 527 | | 0619 | 19.2 585 | | 0753 | 17.3 527 | | 0814 | 19.2 585 |
| | 1314 | 2.3 70 | | 1253 | 0.5 15 | | 1420 | 2.0 61 | | 1447 | 0.0 0 |
| | 1920 | 16.1 491 | | 1857 | 17.4 530 | | 2026 | 16.1 491 | | 2051 | 17.9 546 |
| **4** F | 0130 | 3.0 91 | **19** Sa | 0116 | 1.4 43 | **4** M | 0236 | 2.7 82 | **19** Tu | 0308 | 0.7 21 |
| | 0739 | 17.6 536 | | 0722 | 19.5 594 | | 0843 | 17.9 546 | | 0912 | 19.7 600 |
| | 1406 | 2.0 61 | | 1358 | 0.0 0 | | 1509 | 1.3 40 | | 1542 | −0.7 −21 |
| | 2011 | 16.3 497 | | 2001 | 17.7 539 | | 2113 | 16.8 512 | | 2144 | 18.6 567 |
| **5** Sa | 0221 | 2.8 85 | **20** Su | 0219 | 1.0 30 | **5** Tu | 0323 | 2.0 61 | **20** W ○ | 0401 | 0.0 0 |
| | 0827 | 18.0 549 | | 0824 | 20.0 610 | | 0929 | 18.7 570 | | 1004 | 20.2 616 |
| | 1454 | 1.5 46 | | 1459 | −0.6 −18 | | 1554 | 0.5 15 | | 1631 | −1.1 −34 |
| | 2059 | 16.6 506 | | 2101 | 18.3 558 | | 2157 | 17.5 533 | | 2232 | 19.2 585 |
| **6** Su | 0308 | 2.4 73 | **21** M | 0318 | 0.5 15 | **6** W ● | 0408 | 1.2 37 | **21** Th | 0449 | −0.5 −15 |
| | 0913 | 18.4 561 | | 0922 | 20.5 625 | | 1011 | 19.3 588 | | 1051 | 20.4 622 |
| | 1539 | 1.0 30 | | 1555 | −1.2 −37 | | 1636 | −0.2 −6 | | 1715 | −1.2 −37 |
| | 2143 | 17.0 518 | | 2157 | 18.8 573 | | 2237 | 18.3 558 | | 2316 | 19.6 597 |
| **7** M | 0352 | 2.0 61 | **22** Tu ○ | 0413 | −0.1 −3 | **7** Th | 0450 | 0.5 15 | **22** F | 0534 | −0.7 −21 |
| | 0956 | 18.8 573 | | 1016 | 20.8 634 | | 1052 | 19.9 607 | | 1134 | 20.2 616 |
| | 1622 | 0.5 15 | | 1647 | −1.6 −49 | | 1716 | −0.8 −24 | | 1757 | −1.1 −34 |
| | 2225 | 17.4 530 | | 2248 | 19.3 588 | | 2317 | 19.0 579 | | 2357 | 19.7 600 |
| **8** Tu ● | 0434 | 1.6 49 | **23** W | 0504 | −0.4 −12 | **8** F | 0532 | −0.1 −3 | **23** Sa | 0615 | −0.6 −18 |
| | 1037 | 19.2 585 | | 1106 | 20.9 637 | | 1132 | 20.3 619 | | 1216 | 19.8 604 |
| | 1703 | 0.1 3 | | 1735 | −1.7 −52 | | 1757 | −1.2 −37 | | 1836 | −0.6 −18 |
| | 2304 | 17.7 539 | | 2336 | 19.5 594 | | 2356 | 19.6 597 | | | |
| **9** W | 0515 | 1.3 40 | **24** Th | 0553 | −0.5 −15 | **9** Sa | 0614 | −0.6 −18 | **24** Su | 0036 | 19.5 594 |
| | 1116 | 19.5 594 | | 1154 | 20.7 631 | | 1214 | 20.4 622 | | 0656 | −0.2 −6 |
| | 1742 | −0.2 −6 | | 1821 | −1.5 −46 | | 1838 | −1.3 −40 | | 1257 | 19.2 585 |
| | 2343 | 18.1 552 | | | | | | | | 1915 | 0.1 3 |
| **10** Th | 0555 | 1.0 30 | **25** F | 0022 | 19.5 594 | **10** Su | 0037 | 20.0 610 | **25** M | 0116 | 19.1 582 |
| | 1155 | 19.7 600 | | 0639 | −0.3 −9 | | 0657 | −0.8 −24 | | 0737 | 0.3 9 |
| | 1822 | −0.4 −12 | | 1240 | 20.2 616 | | 1257 | 20.3 619 | | 1338 | 18.4 561 |
| | | | | 1905 | −1.0 −30 | | 1920 | −1.1 −34 | | 1955 | 0.9 27 |
| **11** F | 0022 | 18.4 561 | **26** Sa | 0107 | 19.3 588 | **11** M | 0120 | 20.2 616 | **26** Tu | 0157 | 18.6 567 |
| | 0636 | 0.7 21 | | 0725 | 0.1 3 | | 0743 | −0.8 −24 | | 0818 | 1.0 30 |
| | 1236 | 19.7 600 | | 1325 | 19.5 594 | | 1342 | 19.8 604 | | 1421 | 17.5 533 |
| | 1902 | −0.5 −15 | | 1948 | −0.2 −6 | | 2005 | −0.7 −21 | | 2036 | 1.8 55 |
| **12** Sa | 0102 | 18.7 570 | **27** Su | 0151 | 18.9 576 | **12** Tu | 0206 | 20.1 613 | **27** W | 0240 | 17.9 546 |
| | 0719 | 0.6 18 | | 0810 | 0.6 18 | | 0832 | −0.5 −15 | | 0903 | 1.7 52 |
| | 1318 | 19.6 597 | | 1411 | 18.6 567 | | 1432 | 19.1 582 | | 1507 | 16.6 506 |
| | 1944 | −0.4 −12 | | 2032 | 0.6 18 | | 2054 | 0.0 0 | | 2121 | 2.6 79 |
| **13** Su | 0145 | 19.0 579 | **28** M | 0236 | 18.4 561 | **13** W ◐ | 0257 | 19.7 600 | **28** Th ◑ | 0327 | 17.2 524 |
| | 0804 | 0.5 15 | | 0856 | 1.3 40 | | 0926 | 0.0 0 | | 0951 | 2.4 73 |
| | 1403 | 19.3 588 | | 1458 | 17.6 536 | | 1527 | 18.3 558 | | 1557 | 15.9 485 |
| | 2029 | −0.2 −6 | | 2116 | 1.6 49 | | 2148 | 0.9 27 | | 2210 | 3.4 104 |
| **14** M | 0231 | 19.1 582 | **29** Tu | 0322 | 17.8 543 | **14** Th | 0353 | 19.2 585 | **29** F | 0419 | 16.7 509 |
| | 0853 | 0.5 15 | | 0944 | 2.0 61 | | 1025 | 0.5 15 | | 1045 | 2.9 88 |
| | 1453 | 18.9 576 | | 1548 | 16.7 509 | | 1628 | 17.4 530 | | 1653 | 15.3 466 |
| | 2117 | 0.2 6 | | 2204 | 2.4 73 | | 2249 | 1.6 49 | | 2306 | 3.8 116 |
| **15** Tu ◐ | 0321 | 19.1 582 | **30** W ◑ | 0412 | 17.2 524 | **15** F | 0456 | 18.7 570 | | | |
| | 0947 | 0.6 18 | | 1035 | 2.5 76 | | 1130 | 0.9 27 | | | |
| | 1547 | 18.3 558 | | 1641 | 15.9 485 | | 1734 | 16.9 515 | | | |
| | 2210 | 0.7 21 | | 2255 | 3.1 94 | | 2355 | 2.0 61 | | | |
| | | | **31** Th | 0505 | 16.8 512 | | | | | | |
| | | | | 1131 | 2.9 88 | | | | | | |
| | | | | 1738 | 15.5 472 | | | | | | |
| | | | | 2350 | 3.6 110 | | | | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0516 | 16.4 500 | **16** Su | 0551 | 18.1 552 |
| | 1144 | 3.1 94 | | 1225 | 1.2 37 |
| | 1752 | 15.1 460 | | 1833 | 16.8 512 |
| **2** Su | 0005 | 3.9 119 | **17** M | 0052 | 2.1 64 |
| | 0616 | 16.4 500 | | 0700 | 18.2 555 |
| | 1244 | 2.9 88 | | 1332 | 0.9 27 |
| | 1852 | 15.3 466 | | 1939 | 17.3 527 |
| **3** M | 0104 | 3.5 107 | **18** Tu | 0157 | 1.5 46 |
| | 0714 | 16.9 515 | | 0803 | 18.6 567 |
| | 1341 | 2.3 70 | | 1431 | 0.4 12 |
| | 1948 | 16.0 488 | | 2037 | 18.0 549 |
| **4** Tu | 0200 | 2.8 85 | **19** W | 0255 | 0.7 21 |
| | 0808 | 17.7 539 | | 0859 | 19.1 582 |
| | 1433 | 1.4 43 | | 1523 | −0.1 −3 |
| | 2038 | 17.0 518 | | 2127 | 18.7 570 |
| **5** W | 0251 | 1.8 55 | **20** Th | 0345 | 0.0 0 |
| | 0856 | 18.6 567 | | 0948 | 19.5 594 |
| | 1520 | 0.5 15 | | 1609 | −0.4 −12 |
| | 2123 | 18.0 549 | | 2211 | 19.3 588 |
| **6** Th | 0338 | 0.7 21 | **21** F ○ | 0430 | −0.4 −12 |
| | 0942 | 19.5 594 | | 1032 | 19.7 600 |
| | 1604 | −0.5 −15 | | 1651 | −0.5 −15 |
| | 2206 | 19.1 582 | | 2251 | 19.6 597 |
| **7** F ● | 0422 | −0.3 −9 | **22** Sa | 0511 | −0.6 −18 |
| | 1025 | 20.2 616 | | 1112 | 19.5 594 |
| | 1647 | −1.2 −37 | | 1730 | −0.3 −9 |
| | 2247 | 20.0 610 | | 2329 | 19.7 600 |
| **8** Sa | 0506 | −1.2 −37 | **23** Su | 0550 | −0.5 −15 |
| | 1107 | 20.7 631 | | 1151 | 19.2 585 |
| | 1729 | −1.6 −49 | | 1807 | 0.2 6 |
| | 2328 | 20.7 631 | | | |
| **9** Su | 0550 | −1.8 −55 | **24** M | 0006 | 19.5 594 |
| | 1151 | 20.8 634 | | 0628 | −0.2 −6 |
| | 1812 | −1.6 −49 | | 1229 | 18.7 570 |
| | | | | 1844 | 0.7 21 |
| **10** M | 0011 | 21.1 643 | **25** Tu | 0043 | 19.1 582 |
| | 0635 | −2.0 −61 | | 0706 | 0.2 6 |
| | 1236 | 20.6 628 | | 1308 | 18.1 552 |
| | 1856 | −1.3 −40 | | 1922 | 1.4 43 |
| **11** Tu | 0056 | 21.1 643 | **26** W | 0122 | 18.6 567 |
| | 0723 | −1.8 −55 | | 0746 | 0.8 24 |
| | 1323 | 20.0 610 | | 1348 | 17.4 530 |
| | 1944 | −0.7 −21 | | 2001 | 2.1 64 |
| **12** W | 0144 | 20.7 631 | **27** Th | 0203 | 18.0 549 |
| | 0814 | −1.2 −37 | | 0828 | 1.5 46 |
| | 1415 | 19.2 585 | | 1432 | 16.7 509 |
| | 2035 | 0.2 6 | | 2045 | 2.8 85 |
| **13** Th | 0237 | 20.0 610 | **28** F | 0249 | 17.4 530 |
| | 0909 | −0.4 −12 | | 0914 | 2.1 64 |
| | 1511 | 18.2 555 | | 1519 | 16.0 488 |
| | 2132 | 1.1 34 | | 2133 | 3.4 104 |
| **14** F ◐ | 0336 | 19.2 585 | **29** Sa ◑ | 0339 | 16.8 512 |
| | 1010 | 0.4 12 | | 1006 | 2.7 82 |
| | 1614 | 17.3 527 | | 1613 | 15.5 472 |
| | 2234 | 1.9 58 | | 2226 | 3.7 113 |
| **15** Sa | 0441 | 18.4 561 | **30** Su | 0435 | 16.5 503 |
| | 1116 | 1.0 30 | | 1102 | 2.9 88 |
| | 1722 | 16.7 509 | | 1710 | 15.4 469 |
| | 2343 | 2.3 70 | | 2325 | 3.8 116 |
| | | | **31** M | 0534 | 16.5 503 |
| | | | | 1201 | 2.8 85 |
| | | | | 1809 | 15.7 479 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Eastport, Maine, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0024 | 3.4 | 104 |
| | 0633 | 16.9 | 515 |
| | 1258 | 2.2 | 67 |
| | 1906 | 16.5 | 503 |
| **2** W | 0122 | 2.5 | 76 |
| | 0728 | 17.7 | 539 |
| | 1352 | 1.4 | 43 |
| | 1958 | 17.6 | 536 |
| **3** Th | 0215 | 1.4 | 43 |
| | 0820 | 18.6 | 567 |
| | 1442 | 0.4 | 12 |
| | 2046 | 18.8 | 573 |
| **4** F | 0305 | 0.2 | 6 |
| | 0909 | 19.5 | 594 |
| | 1530 | −0.4 | −12 |
| | 2131 | 19.9 | 607 |
| **5** Sa ● | 0353 | −1.0 | −30 |
| | 0955 | 20.3 | 619 |
| | 1615 | −1.1 | −34 |
| | 2216 | 20.9 | 637 |
| **6** Su | 0440 | −1.9 | −58 |
| | 1042 | 20.7 | 631 |
| | 1701 | −1.5 | −46 |
| | 2301 | 21.6 | 658 |
| **7** M | 0527 | −2.5 | −76 |
| | 1128 | 20.9 | 637 |
| | 1747 | −1.5 | −46 |
| | 2347 | 21.8 | 664 |
| **8** Tu | 0615 | −2.6 | −79 |
| | 1216 | 20.6 | 628 |
| | 1835 | −1.1 | −34 |
| **9** W | 0035 | 21.6 | 658 |
| | 0705 | −2.3 | −70 |
| | 1307 | 20.0 | 610 |
| | 1926 | −0.5 | −15 |
| **10** Th | 0126 | 21.0 | 640 |
| | 0758 | −1.5 | −46 |
| | 1400 | 19.1 | 582 |
| | 2020 | 0.3 | 9 |
| **11** F | 0222 | 20.1 | 613 |
| | 0855 | −0.6 | −18 |
| | 1459 | 18.2 | 555 |
| | 2119 | 1.2 | 37 |
| **12** Sa ◐ | 0322 | 19.2 | 585 |
| | 0956 | 0.3 | 9 |
| | 1602 | 17.5 | 533 |
| | 2222 | 1.9 | 58 |
| **13** Su | 0428 | 18.4 | 561 |
| | 1101 | 0.9 | 27 |
| | 1710 | 17.1 | 521 |
| | 2329 | 2.1 | 64 |
| **14** M | 0537 | 18.0 | 549 |
| | 1207 | 1.2 | 37 |
| | 1817 | 17.2 | 524 |
| **15** Tu | 0036 | 2.0 | 61 |
| | 0644 | 17.9 | 546 |
| | 1310 | 1.1 | 34 |
| | 1919 | 17.7 | 539 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0139 | 1.4 | 43 |
| | 0745 | 18.2 | 555 |
| | 1407 | 0.8 | 24 |
| | 2014 | 18.3 | 558 |
| **17** Th | 0234 | 0.8 | 24 |
| | 0839 | 18.5 | 564 |
| | 1458 | 0.6 | 18 |
| | 2101 | 18.8 | 573 |
| **18** F | 0323 | 0.3 | 9 |
| | 0926 | 18.7 | 570 |
| | 1542 | 0.4 | 12 |
| | 2144 | 19.2 | 585 |
| **19** Sa | 0406 | −0.1 | −3 |
| | 1008 | 18.8 | 573 |
| | 1623 | 0.5 | 15 |
| | 2223 | 19.4 | 591 |
| **20** Su ○ | 0446 | −0.3 | −9 |
| | 1048 | 18.7 | 570 |
| | 1701 | 0.7 | 21 |
| | 2300 | 19.4 | 591 |
| **21** M | 0524 | −0.2 | −6 |
| | 1125 | 18.5 | 564 |
| | 1738 | 1.1 | 34 |
| | 2337 | 19.3 | 588 |
| **22** Tu | 0601 | 0.0 | 0 |
| | 1203 | 18.1 | 552 |
| | 1815 | 1.5 | 46 |
| **23** W | 0014 | 18.9 | 576 |
| | 0639 | 0.4 | 12 |
| | 1241 | 17.7 | 539 |
| | 1853 | 1.9 | 58 |
| **24** Th | 0053 | 18.5 | 564 |
| | 0718 | 0.9 | 27 |
| | 1321 | 17.2 | 524 |
| | 1933 | 2.4 | 73 |
| **25** F | 0134 | 18.1 | 552 |
| | 0800 | 1.3 | 40 |
| | 1403 | 16.7 | 509 |
| | 2015 | 2.8 | 85 |
| **26** Sa | 0218 | 17.6 | 536 |
| | 0844 | 1.8 | 55 |
| | 1449 | 16.4 | 500 |
| | 2102 | 3.2 | 98 |
| **27** Su | 0306 | 17.2 | 524 |
| | 0933 | 2.1 | 64 |
| | 1539 | 16.2 | 494 |
| | 2153 | 3.3 | 101 |
| **28** M ◑ | 0358 | 17.0 | 518 |
| | 1025 | 2.3 | 70 |
| | 1633 | 16.2 | 494 |
| | 2248 | 3.2 | 98 |
| **29** Tu | 0454 | 17.0 | 518 |
| | 1120 | 2.2 | 67 |
| | 1728 | 16.6 | 506 |
| | 2346 | 2.8 | 85 |
| **30** W | 0552 | 17.3 | 527 |
| | 1216 | 1.8 | 55 |
| | 1823 | 17.4 | 530 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0043 | 2.0 | 61 |
| | 0648 | 17.9 | 546 |
| | 1311 | 1.2 | 37 |
| | 1917 | 18.4 | 561 |
| **2** F | 0139 | 0.9 | 27 |
| | 0743 | 18.6 | 567 |
| | 1403 | 0.5 | 15 |
| | 2008 | 19.5 | 594 |
| **3** Sa | 0232 | −0.3 | −9 |
| | 0835 | 19.3 | 588 |
| | 1455 | −0.2 | −6 |
| | 2057 | 20.6 | 628 |
| **4** Su | 0324 | −1.4 | −43 |
| | 0926 | 20.0 | 610 |
| | 1545 | −0.7 | −21 |
| | 2146 | 21.4 | 652 |
| **5** M ● | 0415 | −2.2 | −67 |
| | 1017 | 20.4 | 622 |
| | 1635 | −1.0 | −30 |
| | 2235 | 21.9 | 668 |
| **6** Tu | 0506 | −2.7 | −82 |
| | 1107 | 20.5 | 625 |
| | 1725 | −1.0 | −30 |
| | 2325 | 22.0 | 671 |
| **7** W | 0557 | −2.7 | −82 |
| | 1159 | 20.3 | 619 |
| | 1817 | −0.8 | −24 |
| **8** Th | 0017 | 21.7 | 661 |
| | 0650 | −2.3 | −70 |
| | 1252 | 19.8 | 604 |
| | 1910 | −0.3 | −9 |
| **9** F | 0111 | 21.1 | 643 |
| | 0744 | −1.6 | −49 |
| | 1347 | 19.1 | 582 |
| | 2006 | 0.4 | 12 |
| **10** Sa | 0208 | 20.2 | 616 |
| | 0841 | −0.8 | −24 |
| | 1446 | 18.5 | 564 |
| | 2105 | 1.0 | 30 |
| **11** Su ◐ | 0309 | 19.3 | 588 |
| | 0940 | 0.0 | 0 |
| | 1547 | 18.0 | 549 |
| | 2206 | 1.5 | 46 |
| **12** M | 0412 | 18.5 | 564 |
| | 1040 | 0.7 | 21 |
| | 1650 | 17.7 | 539 |
| | 2310 | 1.8 | 55 |
| **13** Tu | 0516 | 18.0 | 549 |
| | 1141 | 1.1 | 34 |
| | 1752 | 17.8 | 543 |
| **14** W | 0013 | 1.8 | 55 |
| | 0619 | 17.7 | 539 |
| | 1240 | 1.3 | 40 |
| | 1850 | 18.0 | 549 |
| **15** Th | 0112 | 1.5 | 46 |
| | 0717 | 17.7 | 539 |
| | 1335 | 1.4 | 43 |
| | 1942 | 18.3 | 558 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0206 | 1.1 | 34 |
| | 0810 | 17.7 | 539 |
| | 1425 | 1.4 | 43 |
| | 2030 | 18.7 | 570 |
| **17** Sa | 0255 | 0.7 | 21 |
| | 0858 | 17.8 | 543 |
| | 1511 | 1.4 | 43 |
| | 2113 | 18.9 | 576 |
| **18** Su | 0339 | 0.4 | 12 |
| | 0941 | 17.9 | 546 |
| | 1553 | 1.5 | 46 |
| | 2154 | 19.0 | 579 |
| **19** M ○ | 0420 | 0.3 | 9 |
| | 1022 | 17.8 | 543 |
| | 1633 | 1.6 | 49 |
| | 2233 | 19.0 | 579 |
| **20** Tu | 0459 | 0.3 | 9 |
| | 1101 | 17.7 | 539 |
| | 1712 | 1.8 | 55 |
| | 2311 | 18.9 | 576 |
| **21** W | 0537 | 0.4 | 12 |
| | 1139 | 17.6 | 536 |
| | 1750 | 2.0 | 61 |
| | 2349 | 18.8 | 573 |
| **22** Th | 0616 | 0.6 | 18 |
| | 1218 | 17.4 | 530 |
| | 1829 | 2.2 | 67 |
| **23** F | 0029 | 18.5 | 564 |
| | 0655 | 0.8 | 24 |
| | 1257 | 17.2 | 524 |
| | 1909 | 2.4 | 73 |
| **24** Sa | 0109 | 18.3 | 558 |
| | 0736 | 1.0 | 30 |
| | 1338 | 17.0 | 518 |
| | 1951 | 2.6 | 79 |
| **25** Su | 0151 | 18.0 | 549 |
| | 0819 | 1.2 | 37 |
| | 1422 | 16.9 | 515 |
| | 2036 | 2.7 | 82 |
| **26** M | 0237 | 17.8 | 543 |
| | 0904 | 1.4 | 43 |
| | 1508 | 17.0 | 518 |
| | 2124 | 2.6 | 79 |
| **27** Tu ◑ | 0326 | 17.7 | 539 |
| | 0952 | 1.5 | 46 |
| | 1558 | 17.3 | 527 |
| | 2216 | 2.4 | 73 |
| **28** W | 0418 | 17.6 | 536 |
| | 1043 | 1.4 | 43 |
| | 1650 | 17.7 | 539 |
| | 2311 | 2.0 | 61 |
| **29** Th | 0514 | 17.7 | 539 |
| | 1137 | 1.3 | 40 |
| | 1744 | 18.4 | 561 |
| **30** F | 0008 | 1.3 | 40 |
| | 0611 | 18.0 | 549 |
| | 1232 | 1.0 | 30 |
| | 1839 | 19.1 | 582 |
| **31** Sa | 0105 | 0.5 | 15 |
| | 0709 | 18.4 | 561 |
| | 1328 | 0.6 | 18 |
| | 1933 | 20.0 | 610 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0203 | −0.4 | −12 |
| | 0805 | 18.9 | 576 |
| | 1423 | 0.2 | 6 |
| | 2027 | 20.8 | 634 |
| **2** M | 0258 | −1.3 | −40 |
| | 0901 | 19.4 | 591 |
| | 1518 | −0.2 | −6 |
| | 2121 | 21.4 | 652 |
| **3** Tu ● | 0353 | −2.0 | −61 |
| | 0955 | 19.7 | 600 |
| | 1612 | −0.5 | −15 |
| | 2214 | 21.8 | 664 |
| **4** W | 0447 | −2.4 | −73 |
| | 1049 | 19.9 | 607 |
| | 1706 | −0.6 | −18 |
| | 2307 | 21.8 | 664 |
| **5** Th | 0541 | −2.4 | −73 |
| | 1143 | 19.9 | 607 |
| | 1800 | −0.5 | −15 |
| **6** F | 0001 | 21.6 | 658 |
| | 0635 | −2.2 | −67 |
| | 1237 | 19.6 | 597 |
| | 1855 | −0.3 | −9 |
| **7** Sa | 0056 | 21.0 | 640 |
| | 0728 | −1.7 | −52 |
| | 1332 | 19.3 | 588 |
| | 1950 | 0.2 | 6 |
| **8** Su | 0152 | 20.2 | 616 |
| | 0823 | −1.0 | −30 |
| | 1428 | 18.9 | 576 |
| | 2047 | 0.7 | 21 |
| **9** M | 0250 | 19.4 | 591 |
| | 0917 | −0.2 | −6 |
| | 1525 | 18.5 | 564 |
| | 2144 | 1.1 | 34 |
| **10** Tu ◐ | 0348 | 18.5 | 564 |
| | 1012 | 0.5 | 15 |
| | 1622 | 18.2 | 555 |
| | 2242 | 1.5 | 46 |
| **11** W | 0447 | 17.8 | 543 |
| | 1108 | 1.2 | 37 |
| | 1718 | 18.1 | 552 |
| | 2340 | 1.7 | 52 |
| **12** Th | 0545 | 17.3 | 527 |
| | 1203 | 1.7 | 52 |
| | 1813 | 18.0 | 549 |
| **13** F | 0037 | 1.7 | 52 |
| | 0642 | 17.0 | 518 |
| | 1257 | 2.1 | 64 |
| | 1905 | 18.1 | 552 |
| **14** Sa | 0131 | 1.6 | 49 |
| | 0736 | 16.9 | 515 |
| | 1348 | 2.3 | 70 |
| | 1954 | 18.2 | 555 |
| **15** Su | 0222 | 1.3 | 40 |
| | 0826 | 16.9 | 515 |
| | 1437 | 2.3 | 70 |
| | 2041 | 18.3 | 558 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0309 | 1.1 | 34 |
| | 0913 | 17.0 | 518 |
| | 1522 | 2.3 | 70 |
| | 2125 | 18.5 | 564 |
| **17** Tu | 0353 | 0.9 | 27 |
| | 0956 | 17.1 | 521 |
| | 1605 | 2.2 | 67 |
| | 2207 | 18.6 | 567 |
| **18** W ○ | 0434 | 0.7 | 21 |
| | 1037 | 17.2 | 524 |
| | 1646 | 2.2 | 67 |
| | 2247 | 18.7 | 570 |
| **19** Th | 0514 | 0.6 | 18 |
| | 1117 | 17.3 | 527 |
| | 1726 | 2.1 | 64 |
| | 2327 | 18.7 | 570 |
| **20** F | 0554 | 0.5 | 15 |
| | 1156 | 17.3 | 527 |
| | 1806 | 2.0 | 61 |
| **21** Sa | 0006 | 18.7 | 570 |
| | 0633 | 0.5 | 15 |
| | 1235 | 17.4 | 530 |
| | 1846 | 2.0 | 61 |
| **22** Su | 0046 | 18.6 | 567 |
| | 0712 | 0.5 | 15 |
| | 1314 | 17.6 | 536 |
| | 1928 | 1.9 | 58 |
| **23** M | 0127 | 18.6 | 567 |
| | 0753 | 0.5 | 15 |
| | 1355 | 17.8 | 543 |
| | 2011 | 1.8 | 55 |
| **24** Tu | 0210 | 18.4 | 561 |
| | 0836 | 0.6 | 18 |
| | 1439 | 18.0 | 549 |
| | 2057 | 1.6 | 49 |
| **25** W | 0257 | 18.3 | 558 |
| | 0921 | 0.7 | 21 |
| | 1526 | 18.3 | 558 |
| | 2146 | 1.4 | 43 |
| **26** Th ◑ | 0347 | 18.1 | 552 |
| | 1010 | 0.8 | 24 |
| | 1616 | 18.7 | 570 |
| | 2240 | 1.1 | 34 |
| **27** F | 0442 | 18.0 | 549 |
| | 1103 | 1.0 | 30 |
| | 1710 | 19.0 | 579 |
| | 2337 | 0.8 | 24 |
| **28** Sa | 0540 | 17.9 | 546 |
| | 1159 | 1.1 | 34 |
| | 1807 | 19.5 | 594 |
| **29** Su | 0037 | 0.3 | 9 |
| | 0640 | 18.0 | 549 |
| | 1258 | 1.0 | 30 |
| | 1905 | 19.9 | 607 |
| **30** M | 0138 | −0.3 | −9 |
| | 0741 | 18.3 | 558 |
| | 1358 | 0.7 | 21 |
| | 2003 | 20.5 | 625 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Eastport, Maine, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0238 | −0.9 | −27 |
| | 0840 | 18.7 | 570 |
| | 1458 | 0.3 | 9 |
| | 2101 | 20.9 | 637 |
| **2** W ● | 0336 | −1.5 | −46 |
| | 0938 | 19.1 | 582 |
| | 1555 | −0.1 | −3 |
| | 2158 | 21.3 | 649 |
| **3** Th | 0432 | −1.9 | −58 |
| | 1033 | 19.4 | 591 |
| | 1651 | −0.4 | −12 |
| | 2253 | 21.4 | 652 |
| **4** F | 0526 | −2.1 | −64 |
| | 1127 | 19.6 | 597 |
| | 1745 | −0.5 | −15 |
| | 2347 | 21.3 | 649 |
| **5** Sa | 0618 | −2.0 | −61 |
| | 1220 | 19.7 | 600 |
| | 1838 | −0.5 | −15 |
| **6** Su | 0040 | 20.8 | 634 |
| | 0709 | −1.6 | −49 |
| | 1312 | 19.5 | 594 |
| | 1930 | −0.2 | −6 |
| **7** M | 0132 | 20.1 | 613 |
| | 0759 | −1.0 | −30 |
| | 1403 | 19.2 | 585 |
| | 2022 | 0.3 | 9 |
| **8** Tu | 0224 | 19.3 | 588 |
| | 0848 | −0.2 | −6 |
| | 1454 | 18.9 | 576 |
| | 2115 | 0.8 | 24 |
| **9** W ◐ | 0317 | 18.4 | 561 |
| | 0938 | 0.7 | 21 |
| | 1546 | 18.4 | 561 |
| | 2208 | 1.3 | 40 |
| **10** Th | 0411 | 17.5 | 533 |
| | 1029 | 1.5 | 46 |
| | 1638 | 18.0 | 549 |
| | 2302 | 1.8 | 55 |
| **11** F | 0507 | 16.8 | 512 |
| | 1122 | 2.3 | 70 |
| | 1731 | 17.7 | 539 |
| | 2357 | 2.1 | 64 |
| **12** Sa | 0603 | 16.3 | 497 |
| | 1215 | 2.8 | 85 |
| | 1824 | 17.5 | 533 |
| **13** Su | 0052 | 2.1 | 64 |
| | 0658 | 16.1 | 491 |
| | 1309 | 3.0 | 91 |
| | 1917 | 17.5 | 533 |
| **14** M | 0146 | 2.0 | 61 |
| | 0752 | 16.1 | 491 |
| | 1402 | 3.0 | 91 |
| | 2008 | 17.7 | 539 |
| **15** Tu | 0237 | 1.7 | 52 |
| | 0842 | 16.3 | 497 |
| | 1451 | 2.8 | 85 |
| | 2056 | 18.0 | 549 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0324 | 1.3 | 40 |
| | 0928 | 16.7 | 509 |
| | 1537 | 2.4 | 73 |
| | 2141 | 18.3 | 558 |
| **17** Th | 0408 | 0.9 | 27 |
| | 1011 | 17.0 | 518 |
| | 1620 | 2.1 | 64 |
| | 2223 | 18.7 | 570 |
| **18** F ○ | 0449 | 0.5 | 15 |
| | 1052 | 17.4 | 530 |
| | 1702 | 1.7 | 52 |
| | 2303 | 18.9 | 576 |
| **19** Sa | 0529 | 0.2 | 6 |
| | 1130 | 17.7 | 539 |
| | 1742 | 1.4 | 43 |
| | 2342 | 19.1 | 582 |
| **20** Su | 0607 | 0.0 | 0 |
| | 1208 | 18.1 | 552 |
| | 1822 | 1.1 | 34 |
| **21** M | 0022 | 19.2 | 585 |
| | 0646 | −0.1 | −3 |
| | 1247 | 18.4 | 561 |
| | 1903 | 0.9 | 27 |
| **22** Tu | 0102 | 19.1 | 582 |
| | 0726 | −0.1 | −3 |
| | 1327 | 18.8 | 573 |
| | 1946 | 0.7 | 21 |
| **23** W | 0144 | 19.0 | 579 |
| | 0808 | 0.0 | 0 |
| | 1410 | 19.0 | 579 |
| | 2031 | 0.5 | 15 |
| **24** Th | 0230 | 18.7 | 570 |
| | 0853 | 0.2 | 6 |
| | 1456 | 19.2 | 585 |
| | 2121 | 0.5 | 15 |
| **25** F ◑ | 0320 | 18.3 | 558 |
| | 0942 | 0.6 | 18 |
| | 1547 | 19.2 | 585 |
| | 2215 | 0.5 | 15 |
| **26** Sa | 0416 | 17.9 | 546 |
| | 1035 | 1.0 | 30 |
| | 1642 | 19.2 | 585 |
| | 2313 | 0.6 | 18 |
| **27** Su | 0516 | 17.6 | 536 |
| | 1135 | 1.4 | 43 |
| | 1742 | 19.3 | 588 |
| **28** M | 0016 | 0.4 | 12 |
| | 0619 | 17.4 | 530 |
| | 1238 | 1.4 | 43 |
| | 1845 | 19.5 | 594 |
| **29** Tu | 0120 | 0.1 | 3 |
| | 0723 | 17.6 | 536 |
| | 1342 | 1.2 | 37 |
| | 1947 | 19.8 | 604 |
| **30** W | 0223 | −0.4 | −12 |
| | 0825 | 18.1 | 552 |
| | 1443 | 0.7 | 21 |
| | 2048 | 20.3 | 619 |
| **31** Th | 0322 | −1.0 | −30 |
| | 0924 | 18.7 | 570 |
| | 1542 | 0.1 | 3 |
| | 2145 | 20.7 | 631 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0417 | −1.5 | −46 |
| | 1019 | 19.2 | 585 |
| | 1637 | −0.4 | −12 |
| | 2239 | 20.9 | 637 |
| **2** Sa | 0509 | −1.8 | −55 |
| | 1110 | 19.7 | 600 |
| | 1729 | −0.7 | −21 |
| | 2330 | 20.9 | 637 |
| **3** Su | 0557 | −1.8 | −55 |
| | 1159 | 19.8 | 604 |
| | 1818 | −0.7 | −21 |
| **4** M | 0019 | 20.5 | 625 |
| | 0644 | −1.4 | −43 |
| | 1246 | 19.7 | 600 |
| | 1906 | −0.5 | −15 |
| **5** Tu | 0107 | 19.8 | 604 |
| | 0730 | −0.7 | −21 |
| | 1332 | 19.4 | 591 |
| | 1953 | 0.0 | 0 |
| **6** W | 0154 | 18.9 | 576 |
| | 0815 | 0.2 | 6 |
| | 1419 | 18.9 | 576 |
| | 2041 | 0.7 | 21 |
| **7** Th | 0243 | 18.0 | 549 |
| | 0901 | 1.1 | 34 |
| | 1506 | 18.3 | 558 |
| | 2129 | 1.3 | 40 |
| **8** F ◐ | 0333 | 17.1 | 521 |
| | 0949 | 2.0 | 61 |
| | 1556 | 17.7 | 539 |
| | 2220 | 2.0 | 61 |
| **9** Sa | 0426 | 16.3 | 497 |
| | 1039 | 2.8 | 85 |
| | 1648 | 17.2 | 524 |
| | 2315 | 2.4 | 73 |
| **10** Su | 0522 | 15.7 | 479 |
| | 1133 | 3.3 | 101 |
| | 1743 | 16.9 | 515 |
| **11** M | 0011 | 2.6 | 79 |
| | 0619 | 15.5 | 472 |
| | 1230 | 3.5 | 107 |
| | 1840 | 16.9 | 515 |
| **12** Tu | 0108 | 2.5 | 76 |
| | 0716 | 15.6 | 475 |
| | 1326 | 3.4 | 104 |
| | 1935 | 17.2 | 524 |
| **13** W | 0202 | 2.1 | 64 |
| | 0809 | 16.0 | 488 |
| | 1418 | 2.9 | 88 |
| | 2026 | 17.7 | 539 |
| **14** Th | 0252 | 1.5 | 46 |
| | 0857 | 16.6 | 506 |
| | 1507 | 2.3 | 70 |
| | 2112 | 18.2 | 555 |
| **15** F | 0337 | 0.9 | 27 |
| | 0941 | 17.2 | 524 |
| | 1552 | 1.7 | 52 |
| | 2155 | 18.8 | 573 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0419 | 0.3 | 9 |
| | 1021 | 17.9 | 546 |
| | 1634 | 1.0 | 30 |
| | 2236 | 19.2 | 585 |
| **17** Su | 0459 | −0.2 | −6 |
| | 1100 | 18.5 | 564 |
| | 1715 | 0.5 | 15 |
| | 2316 | 19.5 | 594 |
| **18** M | 0538 | −0.5 | −15 |
| | 1139 | 19.1 | 582 |
| | 1756 | 0.0 | 0 |
| | 2355 | 19.7 | 600 |
| **19** Tu | 0618 | −0.7 | −21 |
| | 1217 | 19.5 | 594 |
| | 1837 | −0.3 | −9 |
| **20** W | 0036 | 19.6 | 597 |
| | 0658 | −0.6 | −18 |
| | 1258 | 19.8 | 604 |
| | 1921 | −0.5 | −15 |
| **21** Th | 0120 | 19.4 | 591 |
| | 0741 | −0.3 | −9 |
| | 1342 | 19.9 | 607 |
| | 2008 | −0.4 | −12 |
| **22** F | 0207 | 18.9 | 576 |
| | 0828 | 0.2 | 6 |
| | 1430 | 19.8 | 604 |
| | 2059 | −0.1 | −3 |
| **23** Sa ◑ | 0259 | 18.3 | 558 |
| | 0919 | 0.8 | 24 |
| | 1523 | 19.4 | 591 |
| | 2154 | 0.3 | 9 |
| **24** Su | 0356 | 17.7 | 539 |
| | 1016 | 1.4 | 43 |
| | 1622 | 19.1 | 582 |
| | 2256 | 0.6 | 18 |
| **25** M | 0459 | 17.2 | 524 |
| | 1119 | 1.8 | 55 |
| | 1726 | 18.8 | 573 |
| **26** Tu | 0001 | 0.7 | 21 |
| | 0606 | 17.0 | 518 |
| | 1225 | 1.8 | 55 |
| | 1832 | 18.9 | 576 |
| **27** W | 0108 | 0.5 | 15 |
| | 0712 | 17.3 | 527 |
| | 1331 | 1.4 | 43 |
| | 1937 | 19.3 | 588 |
| **28** Th | 0211 | −0.1 | −3 |
| | 0815 | 18.0 | 549 |
| | 1433 | 0.7 | 21 |
| | 2038 | 19.8 | 604 |
| **29** F | 0308 | −0.7 | −21 |
| | 0911 | 18.7 | 570 |
| | 1530 | 0.0 | 0 |
| | 2133 | 20.2 | 616 |
| **30** Sa ● | 0401 | −1.2 | −37 |
| | 1003 | 19.4 | 591 |
| | 1622 | −0.6 | −18 |
| | 2223 | 20.4 | 622 |
| **31** Su | 0449 | −1.4 | −43 |
| | 1050 | 19.8 | 604 |
| | 1710 | −0.9 | −27 |
| | 2310 | 20.3 | 619 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0533 | −1.2 | −37 |
| | 1134 | 20.0 | 610 |
| | 1755 | −0.9 | −27 |
| | 2355 | 19.9 | 607 |
| **2** Tu | 0616 | −0.8 | −24 |
| | 1217 | 19.8 | 604 |
| | 1839 | −0.5 | −15 |
| **3** W | 0039 | 19.3 | 588 |
| | 0658 | −0.1 | −3 |
| | 1259 | 19.4 | 591 |
| | 1922 | 0.0 | 0 |
| **4** Th | 0122 | 18.5 | 564 |
| | 0740 | 0.8 | 24 |
| | 1341 | 18.8 | 573 |
| | 2005 | 0.7 | 21 |
| **5** F | 0207 | 17.6 | 536 |
| | 0823 | 1.7 | 52 |
| | 1426 | 18.1 | 552 |
| | 2051 | 1.4 | 43 |
| **6** Sa | 0255 | 16.7 | 509 |
| | 0909 | 2.6 | 79 |
| | 1514 | 17.5 | 533 |
| | 2140 | 2.1 | 64 |
| **7** Su ◐ | 0346 | 16.0 | 488 |
| | 0959 | 3.3 | 101 |
| | 1606 | 16.9 | 515 |
| | 2233 | 2.6 | 79 |
| **8** M | 0441 | 15.5 | 472 |
| | 1053 | 3.7 | 113 |
| | 1703 | 16.5 | 503 |
| | 2330 | 2.9 | 88 |
| **9** Tu | 0539 | 15.3 | 466 |
| | 1151 | 3.8 | 116 |
| | 1801 | 16.5 | 503 |
| **10** W | 0028 | 2.8 | 85 |
| | 0637 | 15.5 | 472 |
| | 1248 | 3.5 | 107 |
| | 1858 | 16.9 | 515 |
| **11** Th | 0124 | 2.3 | 70 |
| | 0732 | 16.1 | 491 |
| | 1343 | 2.9 | 88 |
| | 1951 | 17.5 | 533 |
| **12** F | 0215 | 1.6 | 49 |
| | 0821 | 16.9 | 515 |
| | 1433 | 2.1 | 64 |
| | 2039 | 18.2 | 555 |
| **13** Sa | 0301 | 0.8 | 24 |
| | 0905 | 17.8 | 543 |
| | 1519 | 1.1 | 34 |
| | 2123 | 18.9 | 576 |
| **14** Su | 0344 | 0.1 | 3 |
| | 0947 | 18.7 | 570 |
| | 1603 | 0.2 | 6 |
| | 2205 | 19.5 | 594 |
| **15** M ○ | 0426 | −0.5 | −15 |
| | 1027 | 19.5 | 594 |
| | 1646 | −0.5 | −15 |
| | 2247 | 19.9 | 607 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0507 | −0.9 | −27 |
| | 1107 | 20.2 | 616 |
| | 1728 | −1.1 | −34 |
| | 2328 | 20.1 | 613 |
| **17** W | 0548 | −1.0 | −30 |
| | 1148 | 20.6 | 628 |
| | 1812 | −1.4 | −43 |
| **18** Th | 0012 | 20.0 | 610 |
| | 0631 | −0.8 | −24 |
| | 1231 | 20.8 | 634 |
| | 1858 | −1.4 | −43 |
| **19** F | 0058 | 19.6 | 597 |
| | 0717 | −0.3 | −9 |
| | 1317 | 20.6 | 628 |
| | 1947 | −1.1 | −34 |
| **20** Sa | 0147 | 19.0 | 579 |
| | 0807 | 0.3 | 9 |
| | 1408 | 20.1 | 613 |
| | 2041 | −0.5 | −15 |
| **21** Su | 0242 | 18.2 | 555 |
| | 0901 | 1.0 | 30 |
| | 1505 | 19.4 | 591 |
| | 2139 | 0.1 | 3 |
| **22** M ◑ | 0342 | 17.5 | 533 |
| | 1002 | 1.7 | 52 |
| | 1607 | 18.8 | 573 |
| | 2243 | 0.7 | 21 |
| **23** Tu | 0448 | 17.0 | 518 |
| | 1108 | 2.0 | 61 |
| | 1715 | 18.5 | 564 |
| | 2349 | 0.9 | 27 |
| **24** W | 0556 | 17.0 | 518 |
| | 1215 | 1.9 | 58 |
| | 1823 | 18.5 | 564 |
| **25** Th | 0055 | 0.7 | 21 |
| | 0702 | 17.5 | 533 |
| | 1321 | 1.4 | 43 |
| | 1927 | 18.8 | 573 |
| **26** F | 0156 | 0.2 | 6 |
| | 0802 | 18.2 | 555 |
| | 1421 | 0.7 | 21 |
| | 2026 | 19.3 | 588 |
| **27** Sa | 0251 | −0.3 | −9 |
| | 0855 | 19.0 | 579 |
| | 1515 | −0.1 | −3 |
| | 2118 | 19.6 | 597 |
| **28** Su | 0340 | −0.6 | −18 |
| | 0943 | 19.6 | 597 |
| | 1604 | −0.6 | −18 |
| | 2205 | 19.8 | 604 |
| **29** M ● | 0425 | −0.7 | −21 |
| | 1026 | 19.9 | 607 |
| | 1648 | −0.8 | −24 |
| | 2249 | 19.6 | 597 |
| **30** Tu | 0507 | −0.4 | −12 |
| | 1107 | 20.0 | 610 |
| | 1730 | −0.7 | −21 |
| | 2331 | 19.2 | 585 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Eastport, Maine, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0547 | 0.1 | 3 |
| | 1146 | 19.7 | 600 |
| | 1811 | −0.4 | −12 |
| **2** Th | 0011 | 18.7 | 570 |
| | 0627 | 0.7 | 21 |
| | 1226 | 19.3 | 588 |
| | 1851 | 0.1 | 3 |
| **3** F | 0052 | 18.0 | 549 |
| | 0707 | 1.5 | 46 |
| | 1307 | 18.7 | 570 |
| | 1932 | 0.8 | 24 |
| **4** Sa | 0134 | 17.3 | 527 |
| | 0748 | 2.2 | 67 |
| | 1350 | 18.0 | 549 |
| | 2016 | 1.5 | 46 |
| **5** Su | 0220 | 16.6 | 506 |
| | 0832 | 2.9 | 88 |
| | 1436 | 17.4 | 530 |
| | 2103 | 2.1 | 64 |
| **6** M | 0309 | 15.9 | 485 |
| | 0921 | 3.5 | 107 |
| | 1527 | 16.8 | 512 |
| | 2154 | 2.6 | 79 |
| **7** Tu ◐ | 0402 | 15.5 | 472 |
| | 1014 | 3.8 | 116 |
| | 1623 | 16.5 | 503 |
| | 2249 | 2.8 | 85 |
| **8** W | 0459 | 15.5 | 472 |
| | 1111 | 3.8 | 116 |
| | 1721 | 16.5 | 503 |
| | 2346 | 2.7 | 82 |
| **9** Th | 0556 | 15.8 | 482 |
| | 1209 | 3.5 | 107 |
| | 1818 | 16.8 | 512 |
| **10** F | 0041 | 2.3 | 70 |
| | 0650 | 16.5 | 503 |
| | 1304 | 2.7 | 82 |
| | 1911 | 17.4 | 530 |
| **11** Sa | 0133 | 1.6 | 49 |
| | 0740 | 17.4 | 530 |
| | 1356 | 1.7 | 52 |
| | 2001 | 18.2 | 555 |
| **12** Su | 0222 | 0.8 | 24 |
| | 0827 | 18.5 | 564 |
| | 1445 | 0.6 | 18 |
| | 2048 | 19.0 | 579 |
| **13** M | 0307 | 0.0 | 0 |
| | 0910 | 19.6 | 597 |
| | 1531 | −0.4 | −12 |
| | 2133 | 19.6 | 597 |
| **14** Tu ○ | 0352 | −0.6 | −18 |
| | 0953 | 20.5 | 625 |
| | 1617 | −1.3 | −40 |
| | 2218 | 20.1 | 613 |
| **15** W | 0436 | −0.9 | −27 |
| | 1036 | 21.2 | 646 |
| | 1702 | −1.9 | −58 |
| | 2303 | 20.3 | 619 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0521 | −1.0 | −30 |
| | 1121 | 21.5 | 655 |
| | 1749 | −2.1 | −64 |
| | 2349 | 20.1 | 613 |
| **17** F | 0608 | −0.8 | −24 |
| | 1207 | 21.4 | 652 |
| | 1838 | −2.0 | −61 |
| **18** Sa | 0039 | 19.7 | 600 |
| | 0657 | −0.3 | −9 |
| | 1257 | 21.0 | 640 |
| | 1930 | −1.5 | −46 |
| **19** Su | 0131 | 19.0 | 579 |
| | 0750 | 0.4 | 12 |
| | 1351 | 20.3 | 619 |
| | 2026 | −0.8 | −24 |
| **20** M | 0228 | 18.3 | 558 |
| | 0847 | 1.1 | 34 |
| | 1451 | 19.5 | 594 |
| | 2125 | 0.0 | 0 |
| **21** Tu ◑ | 0330 | 17.7 | 539 |
| | 0950 | 1.7 | 52 |
| | 1555 | 18.8 | 573 |
| | 2229 | 0.5 | 15 |
| **22** W | 0436 | 17.4 | 530 |
| | 1056 | 1.9 | 58 |
| | 1702 | 18.3 | 558 |
| | 2334 | 0.8 | 24 |
| **23** Th | 0543 | 17.5 | 533 |
| | 1203 | 1.8 | 55 |
| | 1810 | 18.2 | 555 |
| **24** F | 0037 | 0.8 | 24 |
| | 0647 | 17.9 | 546 |
| | 1307 | 1.3 | 40 |
| | 1913 | 18.4 | 561 |
| **25** Sa | 0136 | 0.5 | 15 |
| | 0744 | 18.6 | 567 |
| | 1405 | 0.7 | 21 |
| | 2009 | 18.7 | 570 |
| **26** Su | 0229 | 0.3 | 9 |
| | 0834 | 19.2 | 585 |
| | 1457 | 0.1 | 3 |
| | 2059 | 18.9 | 576 |
| **27** M | 0317 | 0.2 | 6 |
| | 0919 | 19.6 | 597 |
| | 1543 | −0.3 | −9 |
| | 2145 | 18.9 | 576 |
| **28** Tu ● | 0400 | 0.3 | 9 |
| | 1001 | 19.8 | 604 |
| | 1626 | −0.5 | −15 |
| | 2227 | 18.8 | 573 |
| **29** W | 0441 | 0.5 | 15 |
| | 1041 | 19.7 | 600 |
| | 1706 | −0.4 | −12 |
| | 2307 | 18.5 | 564 |
| **30** Th | 0520 | 0.9 | 27 |
| | 1119 | 19.5 | 594 |
| | 1745 | −0.1 | −3 |
| | 2346 | 18.1 | 552 |
| **31** F | 0559 | 1.4 | 43 |
| | 1158 | 19.1 | 582 |
| | 1824 | 0.4 | 12 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0025 | 17.6 | 536 |
| | 0638 | 2.0 | 61 |
| | 1237 | 18.6 | 567 |
| | 1904 | 0.9 | 27 |
| **2** Su | 0106 | 17.1 | 521 |
| | 0718 | 2.5 | 76 |
| | 1319 | 18.1 | 552 |
| | 1946 | 1.4 | 43 |
| **3** M | 0149 | 16.6 | 506 |
| | 0801 | 3.0 | 91 |
| | 1404 | 17.6 | 536 |
| | 2031 | 1.9 | 58 |
| **4** Tu | 0235 | 16.2 | 494 |
| | 0848 | 3.3 | 101 |
| | 1452 | 17.1 | 521 |
| | 2119 | 2.2 | 67 |
| **5** W ◐ | 0325 | 16.0 | 488 |
| | 0938 | 3.5 | 107 |
| | 1543 | 16.8 | 512 |
| | 2210 | 2.4 | 73 |
| **6** Th | 0418 | 16.0 | 488 |
| | 1032 | 3.5 | 107 |
| | 1638 | 16.8 | 512 |
| | 2303 | 2.3 | 70 |
| **7** F | 0512 | 16.4 | 500 |
| | 1128 | 3.1 | 94 |
| | 1734 | 17.0 | 518 |
| | 2357 | 2.0 | 61 |
| **8** Sa | 0606 | 17.1 | 521 |
| | 1224 | 2.4 | 73 |
| | 1829 | 17.4 | 530 |
| **9** Su | 0050 | 1.5 | 46 |
| | 0657 | 18.0 | 549 |
| | 1318 | 1.4 | 43 |
| | 1922 | 18.0 | 549 |
| **10** M | 0141 | 0.9 | 27 |
| | 0747 | 19.1 | 582 |
| | 1410 | 0.3 | 9 |
| | 2013 | 18.8 | 573 |
| **11** Tu | 0231 | 0.3 | 9 |
| | 0835 | 20.1 | 613 |
| | 1501 | −0.8 | −24 |
| | 2103 | 19.4 | 591 |
| **12** W | 0320 | −0.3 | −9 |
| | 0922 | 21.0 | 640 |
| | 1550 | −1.7 | −52 |
| | 2151 | 19.9 | 607 |
| **13** Th ○ | 0408 | −0.7 | −21 |
| | 1010 | 21.7 | 661 |
| | 1640 | −2.3 | −70 |
| | 2240 | 20.1 | 613 |
| **14** F | 0457 | −0.8 | −24 |
| | 1058 | 22.0 | 671 |
| | 1730 | −2.5 | −76 |
| | 2330 | 20.1 | 613 |
| **15** Sa | 0548 | −0.7 | −21 |
| | 1148 | 21.8 | 664 |
| | 1821 | −2.3 | −70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0022 | 19.8 | 604 |
| | 0640 | −0.4 | −12 |
| | 1241 | 21.4 | 652 |
| | 1915 | −1.8 | −55 |
| **17** M | 0117 | 19.3 | 588 |
| | 0735 | 0.2 | 6 |
| | 1337 | 20.6 | 628 |
| | 2011 | −1.1 | −34 |
| **18** Tu | 0214 | 18.7 | 570 |
| | 0833 | 0.7 | 21 |
| | 1436 | 19.8 | 604 |
| | 2109 | −0.4 | −12 |
| **19** W ◑ | 0315 | 18.2 | 555 |
| | 0934 | 1.3 | 40 |
| | 1539 | 18.9 | 576 |
| | 2209 | 0.3 | 9 |
| **20** Th | 0418 | 18.0 | 549 |
| | 1038 | 1.6 | 49 |
| | 1644 | 18.3 | 558 |
| | 2310 | 0.8 | 24 |
| **21** F | 0521 | 18.0 | 549 |
| | 1142 | 1.6 | 49 |
| | 1748 | 17.9 | 546 |
| **22** Sa | 0011 | 1.0 | 30 |
| | 0621 | 18.2 | 555 |
| | 1244 | 1.4 | 43 |
| | 1849 | 17.8 | 543 |
| **23** Su | 0108 | 1.2 | 37 |
| | 0717 | 18.5 | 564 |
| | 1342 | 1.0 | 30 |
| | 1946 | 17.8 | 543 |
| **24** M | 0202 | 1.2 | 37 |
| | 0808 | 18.9 | 576 |
| | 1434 | 0.6 | 18 |
| | 2037 | 17.9 | 546 |
| **25** Tu | 0250 | 1.2 | 37 |
| | 0854 | 19.1 | 582 |
| | 1521 | 0.3 | 9 |
| | 2123 | 17.9 | 546 |
| **26** W | 0335 | 1.3 | 40 |
| | 0936 | 19.3 | 588 |
| | 1604 | 0.1 | 3 |
| | 2205 | 17.9 | 546 |
| **27** Th ● | 0416 | 1.4 | 43 |
| | 1017 | 19.3 | 588 |
| | 1644 | 0.1 | 3 |
| | 2245 | 17.8 | 543 |
| **28** F | 0456 | 1.6 | 49 |
| | 1056 | 19.2 | 585 |
| | 1723 | 0.3 | 9 |
| | 2324 | 17.6 | 536 |
| **29** Sa | 0535 | 1.8 | 55 |
| | 1135 | 19.0 | 579 |
| | 1802 | 0.5 | 15 |
| **30** Su | 0003 | 17.4 | 530 |
| | 0614 | 2.1 | 64 |
| | 1214 | 18.7 | 570 |
| | 1841 | 0.7 | 21 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0042 | 17.2 | 524 |
| | 0653 | 2.3 | 70 |
| | 1254 | 18.4 | 561 |
| | 1921 | 1.0 | 30 |
| **2** Tu | 0123 | 17.0 | 518 |
| | 0734 | 2.6 | 79 |
| | 1335 | 18.1 | 552 |
| | 2002 | 1.3 | 40 |
| **3** W | 0205 | 16.8 | 512 |
| | 0818 | 2.7 | 82 |
| | 1419 | 17.7 | 539 |
| | 2046 | 1.5 | 46 |
| **4** Th | 0250 | 16.8 | 512 |
| | 0904 | 2.8 | 85 |
| | 1506 | 17.5 | 533 |
| | 2132 | 1.7 | 52 |
| **5** F ◐ | 0338 | 17.0 | 518 |
| | 0954 | 2.7 | 82 |
| | 1557 | 17.3 | 527 |
| | 2221 | 1.8 | 55 |
| **6** Sa | 0429 | 17.3 | 527 |
| | 1048 | 2.5 | 76 |
| | 1651 | 17.2 | 524 |
| | 2313 | 1.7 | 52 |
| **7** Su | 0522 | 17.8 | 543 |
| | 1144 | 1.9 | 58 |
| | 1747 | 17.4 | 530 |
| **8** M | 0007 | 1.5 | 46 |
| | 0615 | 18.5 | 564 |
| | 1241 | 1.2 | 37 |
| | 1844 | 17.8 | 543 |
| **9** Tu | 0102 | 1.2 | 37 |
| | 0709 | 19.4 | 591 |
| | 1338 | 0.3 | 9 |
| | 1940 | 18.3 | 558 |
| **10** W | 0157 | 0.7 | 21 |
| | 0803 | 20.2 | 616 |
| | 1433 | −0.7 | −21 |
| | 2035 | 18.9 | 576 |
| **11** Th | 0252 | 0.1 | 3 |
| | 0856 | 21.1 | 643 |
| | 1527 | −1.6 | −49 |
| | 2129 | 19.4 | 591 |
| **12** F ○ | 0346 | −0.4 | −12 |
| | 0948 | 21.7 | 661 |
| | 1621 | −2.2 | −67 |
| | 2222 | 19.8 | 604 |
| **13** Sa | 0439 | −0.7 | −21 |
| | 1041 | 22.0 | 671 |
| | 1714 | −2.5 | −76 |
| | 2315 | 20.0 | 610 |
| **14** Su | 0532 | −0.8 | −24 |
| | 1133 | 22.0 | 671 |
| | 1806 | −2.5 | −76 |
| **15** M | 0008 | 19.9 | 607 |
| | 0625 | −0.7 | −21 |
| | 1227 | 21.6 | 658 |
| | 1859 | −2.2 | −67 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0102 | 19.7 | 600 |
| | 0720 | −0.4 | −12 |
| | 1322 | 20.9 | 637 |
| | 1953 | −1.6 | −49 |
| **17** W | 0157 | 19.3 | 588 |
| | 0816 | 0.1 | 3 |
| | 1418 | 20.0 | 610 |
| | 2047 | −0.8 | −24 |
| **18** Th | 0253 | 18.9 | 576 |
| | 0913 | 0.7 | 21 |
| | 1516 | 19.1 | 582 |
| | 2143 | 0.1 | 3 |
| **19** F ◑ | 0351 | 18.5 | 564 |
| | 1012 | 1.2 | 37 |
| | 1616 | 18.2 | 555 |
| | 2239 | 0.9 | 27 |
| **20** Sa | 0449 | 18.2 | 555 |
| | 1112 | 1.5 | 46 |
| | 1717 | 17.4 | 530 |
| | 2337 | 1.5 | 46 |
| **21** Su | 0547 | 18.1 | 552 |
| | 1213 | 1.7 | 52 |
| | 1818 | 17.0 | 518 |
| **22** M | 0034 | 2.0 | 61 |
| | 0644 | 18.0 | 549 |
| | 1311 | 1.6 | 49 |
| | 1916 | 16.8 | 512 |
| **23** Tu | 0130 | 2.2 | 67 |
| | 0737 | 18.2 | 555 |
| | 1406 | 1.4 | 43 |
| | 2010 | 16.8 | 512 |
| **24** W | 0222 | 2.3 | 70 |
| | 0827 | 18.4 | 561 |
| | 1456 | 1.1 | 34 |
| | 2059 | 17.0 | 518 |
| **25** Th | 0309 | 2.2 | 67 |
| | 0912 | 18.6 | 567 |
| | 1541 | 0.8 | 24 |
| | 2144 | 17.2 | 524 |
| **26** F | 0353 | 2.0 | 61 |
| | 0955 | 18.8 | 573 |
| | 1623 | 0.6 | 18 |
| | 2225 | 17.3 | 527 |
| **27** Sa ● | 0434 | 1.9 | 58 |
| | 1036 | 18.9 | 576 |
| | 1702 | 0.4 | 12 |
| | 2304 | 17.4 | 530 |
| **28** Su | 0513 | 1.8 | 55 |
| | 1115 | 19.0 | 579 |
| | 1740 | 0.4 | 12 |
| | 2342 | 17.5 | 533 |
| **29** M | 0552 | 1.7 | 52 |
| | 1153 | 18.9 | 576 |
| | 1818 | 0.4 | 12 |
| **30** Tu | 0019 | 17.6 | 536 |
| | 0630 | 1.7 | 52 |
| | 1231 | 18.8 | 573 |
| | 1856 | 0.4 | 12 |
| **31** W | 0057 | 17.6 | 536 |
| | 0709 | 1.7 | 52 |
| | 1310 | 18.7 | 570 |
| | 1934 | 0.5 | 15 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bar Harbor, Maine, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0503 | 10.2 | 311 |
| | 1126 | 1.5 | 46 |
| | 1732 | 9.3 | 283 |
| | 2340 | 1.8 | 55 |
| **2** W | 0556 | 10.1 | 308 |
| | 1223 | 1.4 | 43 |
| | 1830 | 9.1 | 277 |
| **3** Th | 0033 | 2.0 | 61 |
| | 0648 | 10.2 | 311 |
| | 1317 | 1.3 | 40 |
| | 1926 | 9.1 | 277 |
| **4** F | 0125 | 2.0 | 61 |
| | 0738 | 10.4 | 317 |
| | 1408 | 1.0 | 30 |
| | 2017 | 9.2 | 280 |
| **5** Sa | 0214 | 1.9 | 58 |
| | 0825 | 10.6 | 323 |
| | 1454 | 0.8 | 24 |
| | 2103 | 9.4 | 287 |
| **6** Su | 0259 | 1.7 | 52 |
| | 0908 | 10.9 | 332 |
| | 1537 | 0.5 | 15 |
| | 2145 | 9.6 | 293 |
| **7** M | 0340 | 1.5 | 46 |
| | 0949 | 11.1 | 338 |
| | 1616 | 0.2 | 6 |
| | 2224 | 9.9 | 302 |
| **8** Tu ● | 0419 | 1.3 | 40 |
| | 1027 | 11.3 | 344 |
| | 1653 | 0.0 | 0 |
| | 2301 | 10.1 | 308 |
| **9** W | 0457 | 1.1 | 34 |
| | 1105 | 11.5 | 351 |
| | 1729 | −0.1 | −3 |
| | 2337 | 10.3 | 314 |
| **10** Th | 0534 | 0.9 | 27 |
| | 1142 | 11.6 | 354 |
| | 1806 | −0.2 | −6 |
| **11** F | 0014 | 10.5 | 320 |
| | 0614 | 0.8 | 24 |
| | 1222 | 11.6 | 354 |
| | 1843 | −0.3 | −9 |
| **12** Sa | 0053 | 10.7 | 326 |
| | 0655 | 0.6 | 18 |
| | 1304 | 11.5 | 351 |
| | 1923 | −0.2 | −6 |
| **13** Su | 0134 | 11.0 | 335 |
| | 0741 | 0.5 | 15 |
| | 1350 | 11.3 | 344 |
| | 2007 | −0.1 | −3 |
| **14** M | 0220 | 11.1 | 338 |
| | 0832 | 0.5 | 15 |
| | 1440 | 11.0 | 335 |
| | 2054 | 0.2 | 6 |
| **15** Tu ◐ | 0310 | 11.2 | 341 |
| | 0928 | 0.5 | 15 |
| | 1536 | 10.6 | 323 |
| | 2147 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0405 | 11.3 | 344 |
| | 1030 | 0.4 | 12 |
| | 1639 | 10.2 | 311 |
| | 2246 | 0.8 | 24 |
| **17** Th | 0506 | 11.4 | 347 |
| | 1136 | 0.3 | 9 |
| | 1747 | 10.0 | 305 |
| | 2351 | 1.0 | 30 |
| **18** F | 0610 | 11.5 | 351 |
| | 1245 | 0.1 | 3 |
| | 1856 | 10.0 | 305 |
| **19** Sa | 0058 | 1.0 | 30 |
| | 0716 | 11.8 | 360 |
| | 1350 | −0.3 | −9 |
| | 2002 | 10.2 | 311 |
| **20** Su | 0203 | 0.7 | 21 |
| | 0819 | 12.1 | 369 |
| | 1451 | −0.7 | −21 |
| | 2102 | 10.6 | 323 |
| **21** M | 0303 | 0.4 | 12 |
| | 0917 | 12.4 | 378 |
| | 1546 | −1.0 | −30 |
| | 2157 | 11.0 | 335 |
| **22** Tu ○ | 0358 | 0.1 | 3 |
| | 1011 | 12.6 | 384 |
| | 1638 | −1.2 | −37 |
| | 2248 | 11.2 | 341 |
| **23** W | 0450 | −0.1 | −3 |
| | 1102 | 12.6 | 384 |
| | 1725 | −1.2 | −37 |
| | 2336 | 11.4 | 347 |
| **24** Th | 0539 | −0.2 | −6 |
| | 1150 | 12.4 | 378 |
| | 1811 | −0.9 | −27 |
| **25** F | 0021 | 11.4 | 347 |
| | 0627 | 0.0 | 0 |
| | 1236 | 12.0 | 366 |
| | 1855 | −0.5 | −15 |
| **26** Sa | 0105 | 11.2 | 341 |
| | 0714 | 0.2 | 6 |
| | 1322 | 11.4 | 347 |
| | 1939 | 0.0 | 0 |
| **27** Su | 0149 | 11.0 | 335 |
| | 0801 | 0.6 | 18 |
| | 1408 | 10.8 | 329 |
| | 2022 | 0.6 | 18 |
| **28** M | 0234 | 10.7 | 326 |
| | 0850 | 1.0 | 30 |
| | 1457 | 10.1 | 308 |
| | 2107 | 1.2 | 37 |
| **29** Tu | 0320 | 10.3 | 314 |
| | 0941 | 1.3 | 40 |
| | 1548 | 9.5 | 290 |
| | 2155 | 1.7 | 52 |
| **30** W ◑ | 0409 | 10.1 | 308 |
| | 1036 | 1.6 | 49 |
| | 1643 | 9.0 | 274 |
| | 2248 | 2.2 | 67 |
| **31** Th | 0503 | 9.9 | 302 |
| | 1134 | 1.7 | 52 |
| | 1743 | 8.7 | 265 |
| | 2344 | 2.4 | 73 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0559 | 9.8 | 299 |
| | 1233 | 1.7 | 52 |
| | 1843 | 8.7 | 265 |
| **2** Sa | 0042 | 2.4 | 73 |
| | 0656 | 9.9 | 302 |
| | 1330 | 1.5 | 46 |
| | 1939 | 8.8 | 268 |
| **3** Su | 0137 | 2.3 | 70 |
| | 0749 | 10.2 | 311 |
| | 1420 | 1.1 | 34 |
| | 2029 | 9.1 | 277 |
| **4** M | 0227 | 1.9 | 58 |
| | 0837 | 10.6 | 323 |
| | 1506 | 0.7 | 21 |
| | 2114 | 9.6 | 293 |
| **5** Tu | 0311 | 1.5 | 46 |
| | 0921 | 11.1 | 338 |
| | 1547 | 0.3 | 9 |
| | 2154 | 10.0 | 305 |
| **6** W ● | 0353 | 1.1 | 34 |
| | 1001 | 11.5 | 351 |
| | 1624 | −0.1 | −3 |
| | 2231 | 10.5 | 320 |
| **7** Th | 0432 | 0.6 | 18 |
| | 1040 | 11.8 | 360 |
| | 1701 | −0.4 | −12 |
| | 2308 | 10.9 | 332 |
| **8** F | 0511 | 0.2 | 6 |
| | 1120 | 12.0 | 366 |
| | 1738 | −0.6 | −18 |
| | 2346 | 11.3 | 344 |
| **9** Sa | 0552 | −0.1 | −3 |
| | 1200 | 12.0 | 366 |
| | 1816 | −0.7 | −21 |
| **10** Su | 0025 | 11.6 | 354 |
| | 0635 | −0.3 | −9 |
| | 1244 | 11.9 | 363 |
| | 1857 | −0.5 | −15 |
| **11** M | 0108 | 11.8 | 360 |
| | 0721 | −0.3 | −9 |
| | 1330 | 11.5 | 351 |
| | 1941 | −0.3 | −9 |
| **12** Tu | 0154 | 11.9 | 363 |
| | 0812 | −0.2 | −6 |
| | 1422 | 11.0 | 335 |
| | 2030 | 0.2 | 6 |
| **13** W ◐ | 0245 | 11.7 | 357 |
| | 0909 | 0.0 | 0 |
| | 1519 | 10.5 | 320 |
| | 2125 | 0.7 | 21 |
| **14** Th | 0343 | 11.5 | 351 |
| | 1013 | 0.3 | 9 |
| | 1624 | 10.0 | 305 |
| | 2228 | 1.1 | 34 |
| **15** F | 0447 | 11.3 | 344 |
| | 1122 | 0.4 | 12 |
| | 1735 | 9.7 | 296 |
| | 2339 | 1.4 | 43 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0558 | 11.2 | 341 |
| | 1234 | 0.4 | 12 |
| | 1847 | 9.7 | 296 |
| **17** Su | 0050 | 1.3 | 40 |
| | 0708 | 11.3 | 344 |
| | 1342 | 0.1 | 3 |
| | 1955 | 10.0 | 305 |
| **18** M | 0157 | 1.0 | 30 |
| | 0812 | 11.7 | 357 |
| | 1442 | −0.3 | −9 |
| | 2054 | 10.5 | 320 |
| **19** Tu | 0257 | 0.5 | 15 |
| | 0910 | 12.0 | 366 |
| | 1535 | −0.6 | −18 |
| | 2146 | 11.0 | 335 |
| **20** W ○ | 0350 | 0.1 | 3 |
| | 1001 | 12.2 | 372 |
| | 1622 | −0.8 | −24 |
| | 2232 | 11.3 | 344 |
| **21** Th | 0438 | −0.2 | −6 |
| | 1048 | 12.2 | 372 |
| | 1706 | −0.8 | −24 |
| | 2315 | 11.5 | 351 |
| **22** F | 0522 | −0.3 | −9 |
| | 1131 | 12.0 | 366 |
| | 1746 | −0.6 | −18 |
| | 2355 | 11.5 | 351 |
| **23** Sa | 0605 | −0.2 | −6 |
| | 1213 | 11.6 | 354 |
| | 1825 | −0.2 | −6 |
| **24** Su | 0033 | 11.4 | 347 |
| | 0646 | 0.0 | 0 |
| | 1254 | 11.1 | 338 |
| | 1903 | 0.3 | 9 |
| **25** M | 0111 | 11.1 | 338 |
| | 0727 | 0.3 | 9 |
| | 1335 | 10.6 | 323 |
| | 1942 | 0.9 | 27 |
| **26** Tu | 0151 | 10.8 | 329 |
| | 0810 | 0.7 | 21 |
| | 1418 | 10.0 | 305 |
| | 2023 | 1.4 | 43 |
| **27** W | 0232 | 10.4 | 317 |
| | 0856 | 1.2 | 37 |
| | 1504 | 9.4 | 287 |
| | 2107 | 1.9 | 58 |
| **28** Th ◑ | 0318 | 10.1 | 308 |
| | 0947 | 1.5 | 46 |
| | 1556 | 8.9 | 271 |
| | 2157 | 2.4 | 73 |
| **29** F | 0411 | 9.8 | 299 |
| | 1044 | 1.8 | 55 |
| | 1654 | 8.6 | 262 |
| | 2255 | 2.6 | 79 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0509 | 9.6 | 293 |
| | 1145 | 1.9 | 58 |
| | 1756 | 8.5 | 259 |
| | 2356 | 2.6 | 79 |
| **2** Su | 0610 | 9.7 | 296 |
| | 1245 | 1.7 | 52 |
| | 1855 | 8.7 | 265 |
| **3** M | 0056 | 2.4 | 73 |
| | 0708 | 10.0 | 305 |
| | 1339 | 1.4 | 43 |
| | 1949 | 9.1 | 277 |
| **4** Tu | 0150 | 1.9 | 58 |
| | 0801 | 10.5 | 320 |
| | 1427 | 0.9 | 27 |
| | 2035 | 9.7 | 296 |
| **5** W | 0238 | 1.3 | 40 |
| | 0848 | 11.0 | 335 |
| | 1510 | 0.3 | 9 |
| | 2117 | 10.4 | 317 |
| **6** Th | 0322 | 0.7 | 21 |
| | 0931 | 11.5 | 351 |
| | 1550 | −0.2 | −6 |
| | 2157 | 11.1 | 338 |
| **7** F ● | 0404 | 0.0 | 0 |
| | 1013 | 11.9 | 363 |
| | 1629 | −0.6 | −18 |
| | 2236 | 11.7 | 357 |
| **8** Sa | 0446 | −0.5 | −15 |
| | 1055 | 12.2 | 372 |
| | 1708 | −0.8 | −24 |
| | 2316 | 12.2 | 372 |
| **9** Su | 0529 | −0.9 | −27 |
| | 1139 | 12.2 | 372 |
| | 1749 | −0.8 | −24 |
| | 2358 | 12.5 | 381 |
| **10** M | 0615 | −1.1 | −34 |
| | 1225 | 12.0 | 366 |
| | 1832 | −0.6 | −18 |
| **11** Tu | 0043 | 12.5 | 381 |
| | 0703 | −1.1 | −34 |
| | 1314 | 11.6 | 354 |
| | 1919 | −0.2 | −6 |
| **12** W | 0132 | 12.4 | 378 |
| | 0756 | −0.8 | −24 |
| | 1407 | 11.0 | 335 |
| | 2012 | 0.3 | 9 |
| **13** Th | 0226 | 12.0 | 366 |
| | 0855 | −0.3 | −9 |
| | 1507 | 10.4 | 317 |
| | 2111 | 0.9 | 27 |
| **14** F ◐ | 0327 | 11.5 | 351 |
| | 1001 | 0.2 | 6 |
| | 1614 | 9.9 | 302 |
| | 2219 | 1.3 | 40 |
| **15** Sa | 0436 | 11.1 | 338 |
| | 1112 | 0.5 | 15 |
| | 1727 | 9.7 | 296 |
| | 2332 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0549 | 10.9 | 332 |
| | 1223 | 0.5 | 15 |
| | 1839 | 9.8 | 299 |
| **17** M | 0045 | 1.3 | 40 |
| | 0700 | 11.0 | 335 |
| | 1329 | 0.3 | 9 |
| | 1943 | 10.2 | 311 |
| **18** Tu | 0150 | 0.9 | 27 |
| | 0803 | 11.3 | 344 |
| | 1426 | 0.0 | 0 |
| | 2039 | 10.7 | 326 |
| **19** W | 0247 | 0.4 | 12 |
| | 0858 | 11.5 | 351 |
| | 1517 | −0.2 | −6 |
| | 2127 | 11.1 | 338 |
| **20** Th | 0336 | 0.0 | 0 |
| | 0946 | 11.7 | 357 |
| | 1601 | −0.3 | −9 |
| | 2210 | 11.4 | 347 |
| **21** F ○ | 0421 | −0.2 | −6 |
| | 1030 | 11.6 | 354 |
| | 1641 | −0.2 | −6 |
| | 2249 | 11.5 | 351 |
| **22** Sa | 0502 | −0.3 | −9 |
| | 1111 | 11.5 | 351 |
| | 1719 | 0.0 | 0 |
| | 2326 | 11.5 | 351 |
| **23** Su | 0541 | −0.3 | −9 |
| | 1149 | 11.1 | 338 |
| | 1755 | 0.4 | 12 |
| **24** M | 0001 | 11.4 | 347 |
| | 0619 | −0.1 | −3 |
| | 1227 | 10.7 | 326 |
| | 1830 | 0.8 | 24 |
| **25** Tu | 0036 | 11.2 | 341 |
| | 0656 | 0.2 | 6 |
| | 1305 | 10.3 | 314 |
| | 1906 | 1.2 | 37 |
| **26** W | 0113 | 10.8 | 329 |
| | 0736 | 0.6 | 18 |
| | 1345 | 9.8 | 299 |
| | 1945 | 1.7 | 52 |
| **27** Th | 0152 | 10.5 | 320 |
| | 0818 | 1.0 | 30 |
| | 1428 | 9.4 | 287 |
| | 2027 | 2.1 | 64 |
| **28** F | 0237 | 10.1 | 308 |
| | 0906 | 1.4 | 43 |
| | 1516 | 9.0 | 274 |
| | 2116 | 2.4 | 73 |
| **29** Sa ◑ | 0327 | 9.8 | 299 |
| | 0959 | 1.7 | 52 |
| | 1610 | 8.7 | 265 |
| | 2211 | 2.6 | 79 |
| **30** Su | 0423 | 9.7 | 296 |
| | 1056 | 1.8 | 55 |
| | 1709 | 8.7 | 265 |
| | 2311 | 2.6 | 79 |
| **31** M | 0523 | 9.7 | 296 |
| | 1155 | 1.7 | 52 |
| | 1807 | 8.9 | 271 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bar Harbor, Maine, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0012 | 2.3 | 70 |
| | 0623 | 9.9 | 302 |
| | 1251 | 1.3 | 40 |
| | 1902 | 9.4 | 287 |
| **2** W | 0109 | 1.7 | 52 |
| | 0719 | 10.4 | 317 |
| | 1341 | 0.9 | 27 |
| | 1951 | 10.1 | 308 |
| **3** Th | 0200 | 1.0 | 30 |
| | 0810 | 10.9 | 332 |
| | 1427 | 0.3 | 9 |
| | 2037 | 10.9 | 332 |
| **4** F | 0249 | 0.2 | 6 |
| | 0858 | 11.4 | 347 |
| | 1511 | −0.2 | −6 |
| | 2120 | 11.7 | 357 |
| **5** Sa ● | 0335 | −0.5 | −15 |
| | 0945 | 11.8 | 360 |
| | 1554 | −0.5 | −15 |
| | 2203 | 12.4 | 378 |
| **6** Su | 0421 | −1.2 | −37 |
| | 1031 | 12.1 | 369 |
| | 1638 | −0.7 | −21 |
| | 2247 | 12.8 | 390 |
| **7** M | 0508 | −1.6 | −49 |
| | 1118 | 12.1 | 369 |
| | 1723 | −0.7 | −21 |
| | 2333 | 13.0 | 396 |
| **8** Tu | 0556 | −1.7 | −52 |
| | 1208 | 11.9 | 363 |
| | 1811 | −0.5 | −15 |
| **9** W | 0022 | 13.0 | 396 |
| | 0648 | −1.5 | −46 |
| | 1300 | 11.5 | 351 |
| | 1902 | 0.0 | 0 |
| **10** Th | 0115 | 12.6 | 384 |
| | 0744 | −1.1 | −34 |
| | 1357 | 10.9 | 332 |
| | 1959 | 0.5 | 15 |
| **11** F | 0212 | 12.1 | 369 |
| | 0844 | −0.5 | −15 |
| | 1459 | 10.4 | 317 |
| | 2102 | 1.0 | 30 |
| **12** Sa ◐ | 0316 | 11.5 | 351 |
| | 0950 | 0.0 | 0 |
| | 1606 | 10.1 | 308 |
| | 2212 | 1.3 | 40 |
| **13** Su | 0426 | 11.0 | 335 |
| | 1058 | 0.4 | 12 |
| | 1716 | 10.0 | 305 |
| | 2324 | 1.4 | 43 |
| **14** M | 0537 | 10.8 | 329 |
| | 1206 | 0.5 | 15 |
| | 1822 | 10.1 | 308 |
| **15** Tu | 0033 | 1.2 | 37 |
| | 0645 | 10.7 | 326 |
| | 1307 | 0.5 | 15 |
| | 1923 | 10.5 | 320 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0134 | 0.8 | 24 |
| | 0745 | 10.8 | 329 |
| | 1402 | 0.4 | 12 |
| | 2016 | 10.8 | 329 |
| **17** Th | 0229 | 0.4 | 12 |
| | 0839 | 10.9 | 332 |
| | 1451 | 0.3 | 9 |
| | 2102 | 11.2 | 341 |
| **18** F | 0317 | 0.1 | 3 |
| | 0926 | 11.0 | 335 |
| | 1534 | 0.3 | 9 |
| | 2143 | 11.4 | 347 |
| **19** Sa | 0400 | −0.1 | −3 |
| | 1009 | 10.9 | 332 |
| | 1613 | 0.5 | 15 |
| | 2221 | 11.4 | 347 |
| **20** Su ○ | 0440 | −0.2 | −6 |
| | 1048 | 10.8 | 329 |
| | 1650 | 0.7 | 21 |
| | 2257 | 11.4 | 347 |
| **21** M | 0517 | −0.2 | −6 |
| | 1126 | 10.6 | 323 |
| | 1726 | 0.9 | 27 |
| | 2331 | 11.3 | 344 |
| **22** Tu | 0554 | 0.0 | 0 |
| | 1202 | 10.3 | 314 |
| | 1801 | 1.2 | 37 |
| **23** W | 0006 | 11.1 | 338 |
| | 0630 | 0.2 | 6 |
| | 1240 | 10.0 | 305 |
| | 1837 | 1.5 | 46 |
| **24** Th | 0042 | 10.8 | 329 |
| | 0708 | 0.5 | 15 |
| | 1318 | 9.7 | 296 |
| | 1915 | 1.8 | 55 |
| **25** F | 0121 | 10.6 | 323 |
| | 0749 | 0.8 | 24 |
| | 1359 | 9.4 | 287 |
| | 1956 | 2.1 | 64 |
| **26** Sa | 0204 | 10.3 | 314 |
| | 0833 | 1.1 | 34 |
| | 1445 | 9.2 | 280 |
| | 2043 | 2.3 | 70 |
| **27** Su | 0252 | 10.1 | 308 |
| | 0921 | 1.3 | 40 |
| | 1534 | 9.1 | 277 |
| | 2134 | 2.3 | 70 |
| **28** M ◑ | 0344 | 9.9 | 302 |
| | 1013 | 1.4 | 43 |
| | 1627 | 9.2 | 280 |
| | 2231 | 2.2 | 67 |
| **29** Tu | 0440 | 9.9 | 302 |
| | 1107 | 1.3 | 40 |
| | 1721 | 9.5 | 290 |
| | 2329 | 1.9 | 58 |
| **30** W | 0538 | 10.1 | 308 |
| | 1201 | 1.1 | 34 |
| | 1815 | 10.0 | 305 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0027 | 1.4 | 43 |
| | 0636 | 10.4 | 317 |
| | 1253 | 0.7 | 21 |
| | 1906 | 10.7 | 326 |
| **2** F | 0123 | 0.6 | 18 |
| | 0732 | 10.8 | 329 |
| | 1344 | 0.3 | 9 |
| | 1956 | 11.5 | 351 |
| **3** Sa | 0216 | −0.2 | −6 |
| | 0825 | 11.2 | 341 |
| | 1433 | 0.0 | 0 |
| | 2045 | 12.2 | 372 |
| **4** Su | 0307 | −0.9 | −27 |
| | 0917 | 11.5 | 351 |
| | 1522 | −0.3 | −9 |
| | 2133 | 12.8 | 390 |
| **5** M ● | 0358 | −1.5 | −46 |
| | 1008 | 11.7 | 357 |
| | 1611 | −0.5 | −15 |
| | 2222 | 13.2 | 402 |
| **6** Tu | 0449 | −1.8 | −55 |
| | 1100 | 11.8 | 360 |
| | 1701 | −0.4 | −12 |
| | 2312 | 13.3 | 405 |
| **7** W | 0541 | −1.9 | −58 |
| | 1153 | 11.6 | 354 |
| | 1753 | −0.3 | −9 |
| **8** Th | 0005 | 13.1 | 399 |
| | 0635 | −1.6 | −49 |
| | 1248 | 11.3 | 344 |
| | 1849 | 0.1 | 3 |
| **9** F | 0101 | 12.7 | 387 |
| | 0732 | −1.2 | −37 |
| | 1346 | 11.0 | 335 |
| | 1948 | 0.5 | 15 |
| **10** Sa | 0201 | 12.1 | 369 |
| | 0832 | −0.7 | −21 |
| | 1447 | 10.7 | 326 |
| | 2052 | 0.8 | 24 |
| **11** Su ◐ | 0304 | 11.5 | 351 |
| | 0934 | −0.2 | −6 |
| | 1551 | 10.5 | 320 |
| | 2159 | 1.1 | 34 |
| **12** M | 0410 | 11.0 | 335 |
| | 1037 | 0.2 | 6 |
| | 1655 | 10.4 | 317 |
| | 2306 | 1.1 | 34 |
| **13** Tu | 0517 | 10.6 | 323 |
| | 1139 | 0.5 | 15 |
| | 1756 | 10.5 | 320 |
| **14** W | 0011 | 1.0 | 30 |
| | 0620 | 10.4 | 317 |
| | 1237 | 0.7 | 21 |
| | 1853 | 10.7 | 326 |
| **15** Th | 0110 | 0.8 | 24 |
| | 0719 | 10.3 | 314 |
| | 1330 | 0.8 | 24 |
| | 1945 | 10.9 | 332 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0204 | 0.6 | 18 |
| | 0813 | 10.3 | 314 |
| | 1419 | 0.9 | 27 |
| | 2031 | 11.0 | 335 |
| **17** Sa | 0252 | 0.3 | 9 |
| | 0901 | 10.2 | 311 |
| | 1503 | 1.0 | 30 |
| | 2113 | 11.2 | 341 |
| **18** Su | 0336 | 0.1 | 3 |
| | 0945 | 10.2 | 311 |
| | 1544 | 1.1 | 34 |
| | 2152 | 11.2 | 341 |
| **19** M ○ | 0416 | 0.1 | 3 |
| | 1025 | 10.1 | 308 |
| | 1622 | 1.3 | 40 |
| | 2229 | 11.2 | 341 |
| **20** Tu | 0454 | 0.1 | 3 |
| | 1103 | 10.0 | 305 |
| | 1659 | 1.4 | 43 |
| | 2305 | 11.1 | 338 |
| **21** W | 0531 | 0.1 | 3 |
| | 1141 | 9.9 | 302 |
| | 1736 | 1.5 | 46 |
| | 2341 | 11.0 | 335 |
| **22** Th | 0608 | 0.3 | 9 |
| | 1218 | 9.8 | 299 |
| | 1812 | 1.7 | 52 |
| **23** F | 0018 | 10.9 | 332 |
| | 0645 | 0.4 | 12 |
| | 1255 | 9.7 | 296 |
| | 1851 | 1.8 | 55 |
| **24** Sa | 0057 | 10.7 | 326 |
| | 0724 | 0.6 | 18 |
| | 1335 | 9.6 | 293 |
| | 1931 | 1.9 | 58 |
| **25** Su | 0138 | 10.6 | 323 |
| | 0805 | 0.7 | 21 |
| | 1417 | 9.6 | 293 |
| | 2015 | 1.9 | 58 |
| **26** M | 0222 | 10.4 | 317 |
| | 0848 | 0.8 | 24 |
| | 1501 | 9.7 | 296 |
| | 2103 | 1.9 | 58 |
| **27** Tu ◑ | 0311 | 10.3 | 314 |
| | 0935 | 0.8 | 24 |
| | 1549 | 9.9 | 302 |
| | 2156 | 1.7 | 52 |
| **28** W | 0403 | 10.3 | 314 |
| | 1024 | 0.8 | 24 |
| | 1640 | 10.2 | 311 |
| | 2252 | 1.4 | 43 |
| **29** Th | 0459 | 10.3 | 314 |
| | 1116 | 0.7 | 21 |
| | 1732 | 10.7 | 326 |
| | 2350 | 0.9 | 27 |
| **30** F | 0558 | 10.4 | 317 |
| | 1210 | 0.6 | 18 |
| | 1826 | 11.3 | 344 |
| **31** Sa | 0049 | 0.3 | 9 |
| | 0658 | 10.5 | 320 |
| | 1305 | 0.4 | 12 |
| | 1920 | 11.9 | 363 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0147 | −0.4 | −12 |
| | 0756 | 10.8 | 329 |
| | 1400 | 0.2 | 6 |
| | 2014 | 12.4 | 378 |
| **2** M | 0243 | −1.0 | −30 |
| | 0854 | 11.1 | 338 |
| | 1454 | 0.0 | 0 |
| | 2108 | 12.9 | 393 |
| **3** Tu ● | 0338 | −1.5 | −46 |
| | 0950 | 11.3 | 344 |
| | 1549 | −0.2 | −6 |
| | 2202 | 13.2 | 402 |
| **4** W | 0433 | −1.7 | −52 |
| | 1045 | 11.4 | 347 |
| | 1644 | −0.2 | −6 |
| | 2257 | 13.2 | 402 |
| **5** Th | 0527 | −1.8 | −55 |
| | 1140 | 11.4 | 347 |
| | 1740 | −0.1 | −3 |
| | 2352 | 13.1 | 399 |
| **6** F | 0622 | −1.6 | −49 |
| | 1235 | 11.3 | 344 |
| | 1837 | 0.0 | 0 |
| **7** Sa | 0049 | 12.7 | 387 |
| | 0718 | −1.2 | −37 |
| | 1332 | 11.2 | 341 |
| | 1936 | 0.3 | 9 |
| **8** Su | 0147 | 12.1 | 369 |
| | 0814 | −0.8 | −24 |
| | 1429 | 11.0 | 335 |
| | 2036 | 0.6 | 18 |
| **9** M | 0246 | 11.5 | 351 |
| | 0911 | −0.3 | −9 |
| | 1527 | 10.8 | 329 |
| | 2138 | 0.8 | 24 |
| **10** Tu ◐ | 0346 | 10.9 | 332 |
| | 1008 | 0.2 | 6 |
| | 1625 | 10.7 | 326 |
| | 2239 | 1.0 | 30 |
| **11** W | 0447 | 10.4 | 317 |
| | 1104 | 0.7 | 21 |
| | 1721 | 10.6 | 323 |
| | 2340 | 1.0 | 30 |
| **12** Th | 0548 | 10.0 | 305 |
| | 1159 | 1.0 | 30 |
| | 1816 | 10.6 | 323 |
| **13** F | 0038 | 1.0 | 30 |
| | 0646 | 9.7 | 296 |
| | 1252 | 1.3 | 40 |
| | 1907 | 10.7 | 326 |
| **14** Sa | 0133 | 0.8 | 24 |
| | 0741 | 9.6 | 293 |
| | 1342 | 1.5 | 46 |
| | 1956 | 10.7 | 326 |
| **15** Su | 0223 | 0.7 | 21 |
| | 0832 | 9.6 | 293 |
| | 1430 | 1.6 | 49 |
| | 2041 | 10.8 | 329 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0309 | 0.5 | 15 |
| | 0918 | 9.6 | 293 |
| | 1514 | 1.6 | 49 |
| | 2123 | 10.9 | 332 |
| **17** Tu | 0351 | 0.4 | 12 |
| | 1001 | 9.7 | 296 |
| | 1555 | 1.6 | 49 |
| | 2203 | 11.0 | 335 |
| **18** W ○ | 0431 | 0.3 | 9 |
| | 1040 | 9.7 | 296 |
| | 1635 | 1.6 | 49 |
| | 2241 | 11.0 | 335 |
| **19** Th | 0509 | 0.3 | 9 |
| | 1118 | 9.8 | 299 |
| | 1712 | 1.6 | 49 |
| | 2319 | 11.1 | 338 |
| **20** F | 0546 | 0.3 | 9 |
| | 1155 | 9.8 | 299 |
| | 1750 | 1.6 | 49 |
| | 2356 | 11.0 | 335 |
| **21** Sa | 0622 | 0.3 | 9 |
| | 1231 | 9.9 | 302 |
| | 1828 | 1.6 | 49 |
| **22** Su | 0034 | 11.0 | 335 |
| | 0659 | 0.3 | 9 |
| | 1309 | 10.0 | 305 |
| | 1907 | 1.5 | 46 |
| **23** M | 0113 | 10.9 | 332 |
| | 0737 | 0.3 | 9 |
| | 1348 | 10.1 | 308 |
| | 1949 | 1.4 | 43 |
| **24** Tu | 0156 | 10.8 | 329 |
| | 0817 | 0.3 | 9 |
| | 1430 | 10.3 | 314 |
| | 2035 | 1.3 | 40 |
| **25** W | 0242 | 10.7 | 326 |
| | 0900 | 0.4 | 12 |
| | 1515 | 10.6 | 323 |
| | 2126 | 1.1 | 34 |
| **26** Th ◑ | 0332 | 10.5 | 320 |
| | 0947 | 0.5 | 15 |
| | 1604 | 10.9 | 332 |
| | 2221 | 0.8 | 24 |
| **27** F | 0428 | 10.3 | 314 |
| | 1039 | 0.6 | 18 |
| | 1657 | 11.2 | 341 |
| | 2320 | 0.5 | 15 |
| **28** Sa | 0528 | 10.2 | 311 |
| | 1135 | 0.7 | 21 |
| | 1754 | 11.6 | 354 |
| **29** Su | 0022 | 0.1 | 3 |
| | 0631 | 10.2 | 311 |
| | 1234 | 0.7 | 21 |
| | 1853 | 12.0 | 366 |
| **30** M | 0125 | −0.3 | −9 |
| | 0735 | 10.4 | 317 |
| | 1335 | 0.5 | 15 |
| | 1953 | 12.4 | 378 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bar Harbor, Maine, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0226 | −0.8 | −24 |
| | 0836 | 10.6 | 323 |
| | 1436 | 0.3 | 9 |
| | 2052 | 12.7 | 387 |
| **2** W ● | 0324 | −1.2 | −37 |
| | 0935 | 10.9 | 332 |
| | 1535 | 0.1 | 3 |
| | 2149 | 13.0 | 396 |
| **3** Th | 0420 | −1.5 | −46 |
| | 1032 | 11.2 | 341 |
| | 1632 | −0.1 | −3 |
| | 2245 | 13.0 | 396 |
| **4** F | 0514 | −1.5 | −46 |
| | 1126 | 11.4 | 347 |
| | 1727 | −0.2 | −6 |
| | 2340 | 12.9 | 393 |
| **5** Sa | 0607 | −1.4 | −43 |
| | 1219 | 11.4 | 347 |
| | 1822 | −0.1 | −3 |
| **6** Su | 0034 | 12.5 | 381 |
| | 0659 | −1.1 | −34 |
| | 1311 | 11.4 | 347 |
| | 1917 | 0.1 | 3 |
| **7** M | 0127 | 12.0 | 366 |
| | 0750 | −0.7 | −21 |
| | 1403 | 11.2 | 341 |
| | 2013 | 0.3 | 9 |
| **8** Tu | 0221 | 11.4 | 347 |
| | 0840 | −0.1 | −3 |
| | 1455 | 11.0 | 335 |
| | 2109 | 0.6 | 18 |
| **9** W ◐ | 0316 | 10.7 | 326 |
| | 0932 | 0.4 | 12 |
| | 1547 | 10.8 | 329 |
| | 2205 | 0.9 | 27 |
| **10** Th | 0412 | 10.1 | 308 |
| | 1024 | 1.0 | 30 |
| | 1640 | 10.6 | 323 |
| | 2303 | 1.1 | 34 |
| **11** F | 0510 | 9.6 | 293 |
| | 1117 | 1.5 | 46 |
| | 1733 | 10.4 | 317 |
| **12** Sa | 0000 | 1.2 | 37 |
| | 0608 | 9.2 | 280 |
| | 1211 | 1.8 | 55 |
| | 1826 | 10.3 | 314 |
| **13** Su | 0056 | 1.2 | 37 |
| | 0705 | 9.1 | 277 |
| | 1304 | 2.0 | 61 |
| | 1918 | 10.4 | 317 |
| **14** M | 0150 | 1.1 | 34 |
| | 0759 | 9.1 | 277 |
| | 1356 | 2.0 | 61 |
| | 2008 | 10.5 | 320 |
| **15** Tu | 0239 | 0.9 | 27 |
| | 0848 | 9.2 | 280 |
| | 1444 | 1.9 | 58 |
| | 2054 | 10.7 | 326 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0324 | 0.7 | 21 |
| | 0933 | 9.4 | 287 |
| | 1528 | 1.7 | 52 |
| | 2137 | 10.9 | 332 |
| **17** Th | 0405 | 0.5 | 15 |
| | 1013 | 9.7 | 296 |
| | 1609 | 1.5 | 46 |
| | 2217 | 11.1 | 338 |
| **18** F ○ | 0443 | 0.3 | 9 |
| | 1051 | 9.9 | 302 |
| | 1648 | 1.4 | 43 |
| | 2255 | 11.2 | 341 |
| **19** Sa | 0520 | 0.1 | 3 |
| | 1127 | 10.1 | 308 |
| | 1725 | 1.2 | 37 |
| | 2332 | 11.3 | 344 |
| **20** Su | 0555 | 0.0 | 0 |
| | 1203 | 10.3 | 314 |
| | 1803 | 1.0 | 30 |
| **21** M | 0009 | 11.3 | 344 |
| | 0630 | 0.0 | 0 |
| | 1239 | 10.6 | 323 |
| | 1842 | 0.9 | 27 |
| **22** Tu | 0048 | 11.3 | 344 |
| | 0707 | 0.0 | 0 |
| | 1317 | 10.8 | 329 |
| | 1924 | 0.7 | 21 |
| **23** W | 0130 | 11.1 | 338 |
| | 0746 | 0.0 | 0 |
| | 1358 | 11.1 | 338 |
| | 2010 | 0.6 | 18 |
| **24** Th | 0216 | 10.9 | 332 |
| | 0829 | 0.2 | 6 |
| | 1444 | 11.3 | 344 |
| | 2100 | 0.5 | 15 |
| **25** F ◑ | 0308 | 10.6 | 323 |
| | 0917 | 0.4 | 12 |
| | 1534 | 11.4 | 347 |
| | 2156 | 0.4 | 12 |
| **26** Sa | 0404 | 10.3 | 314 |
| | 1011 | 0.7 | 21 |
| | 1629 | 11.5 | 351 |
| | 2258 | 0.3 | 9 |
| **27** Su | 0507 | 10.0 | 305 |
| | 1111 | 0.9 | 27 |
| | 1731 | 11.6 | 354 |
| **28** M | 0004 | 0.2 | 6 |
| | 0614 | 9.9 | 302 |
| | 1216 | 1.0 | 30 |
| | 1835 | 11.8 | 360 |
| **29** Tu | 0111 | −0.1 | −3 |
| | 0721 | 10.1 | 308 |
| | 1322 | 0.8 | 24 |
| | 1940 | 12.1 | 369 |
| **30** W | 0214 | −0.5 | −15 |
| | 0825 | 10.4 | 317 |
| | 1426 | 0.5 | 15 |
| | 2042 | 12.4 | 378 |
| **31** Th | 0313 | −0.9 | −27 |
| | 0924 | 10.8 | 329 |
| | 1526 | 0.2 | 6 |
| | 2140 | 12.6 | 384 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0408 | −1.1 | −34 |
| | 1018 | 11.2 | 341 |
| | 1621 | −0.2 | −6 |
| | 2234 | 12.7 | 387 |
| **2** Sa | 0459 | −1.2 | −37 |
| | 1109 | 11.5 | 351 |
| | 1714 | −0.3 | −9 |
| | 2325 | 12.6 | 384 |
| **3** Su | 0547 | −1.1 | −34 |
| | 1158 | 11.6 | 354 |
| | 1804 | −0.3 | −9 |
| **4** M | 0014 | 12.3 | 375 |
| | 0634 | −0.8 | −24 |
| | 1245 | 11.5 | 351 |
| | 1854 | −0.1 | −3 |
| **5** Tu | 0103 | 11.7 | 357 |
| | 0719 | −0.3 | −9 |
| | 1331 | 11.4 | 347 |
| | 1944 | 0.2 | 6 |
| **6** W | 0152 | 11.1 | 338 |
| | 0805 | 0.2 | 6 |
| | 1417 | 11.1 | 338 |
| | 2034 | 0.6 | 18 |
| **7** Th | 0242 | 10.4 | 317 |
| | 0852 | 0.9 | 27 |
| | 1505 | 10.7 | 326 |
| | 2126 | 0.9 | 27 |
| **8** F ◐ | 0334 | 9.8 | 299 |
| | 0940 | 1.5 | 46 |
| | 1554 | 10.4 | 317 |
| | 2221 | 1.3 | 40 |
| **9** Sa | 0429 | 9.2 | 280 |
| | 1032 | 1.9 | 58 |
| | 1647 | 10.1 | 308 |
| | 2318 | 1.5 | 46 |
| **10** Su | 0527 | 8.9 | 271 |
| | 1128 | 2.3 | 70 |
| | 1743 | 10.0 | 305 |
| **11** M | 0016 | 1.6 | 49 |
| | 0626 | 8.7 | 265 |
| | 1225 | 2.4 | 73 |
| | 1840 | 10.0 | 305 |
| **12** Tu | 0113 | 1.4 | 43 |
| | 0723 | 8.8 | 268 |
| | 1321 | 2.3 | 70 |
| | 1934 | 10.2 | 311 |
| **13** W | 0205 | 1.2 | 37 |
| | 0814 | 9.1 | 277 |
| | 1412 | 2.0 | 61 |
| | 2023 | 10.5 | 320 |
| **14** Th | 0251 | 0.9 | 27 |
| | 0900 | 9.4 | 287 |
| | 1458 | 1.7 | 52 |
| | 2107 | 10.8 | 329 |
| **15** F | 0333 | 0.5 | 15 |
| | 0940 | 9.8 | 299 |
| | 1540 | 1.3 | 40 |
| | 2148 | 11.1 | 338 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0411 | 0.2 | 6 |
| | 1018 | 10.2 | 311 |
| | 1619 | 0.9 | 27 |
| | 2226 | 11.4 | 347 |
| **17** Su | 0447 | 0.0 | 0 |
| | 1054 | 10.6 | 323 |
| | 1657 | 0.6 | 18 |
| | 2304 | 11.5 | 351 |
| **18** M | 0522 | −0.2 | −6 |
| | 1129 | 11.0 | 335 |
| | 1735 | 0.3 | 9 |
| | 2343 | 11.6 | 354 |
| **19** Tu | 0558 | −0.3 | −9 |
| | 1206 | 11.3 | 344 |
| | 1816 | 0.0 | 0 |
| **20** W | 0023 | 11.5 | 351 |
| | 0636 | −0.2 | −6 |
| | 1246 | 11.6 | 354 |
| | 1859 | −0.1 | −3 |
| **21** Th | 0107 | 11.3 | 344 |
| | 0717 | −0.1 | −3 |
| | 1329 | 11.7 | 357 |
| | 1947 | −0.1 | −3 |
| **22** F | 0155 | 10.9 | 332 |
| | 0803 | 0.2 | 6 |
| | 1417 | 11.7 | 357 |
| | 2040 | 0.0 | 0 |
| **23** Sa ◑ | 0249 | 10.5 | 320 |
| | 0854 | 0.6 | 18 |
| | 1510 | 11.6 | 354 |
| | 2139 | 0.2 | 6 |
| **24** Su | 0349 | 10.1 | 308 |
| | 0952 | 1.0 | 30 |
| | 1611 | 11.5 | 351 |
| | 2244 | 0.3 | 9 |
| **25** M | 0455 | 9.8 | 299 |
| | 1058 | 1.2 | 37 |
| | 1718 | 11.4 | 347 |
| | 2353 | 0.3 | 9 |
| **26** Tu | 0606 | 9.8 | 299 |
| | 1209 | 1.2 | 37 |
| | 1827 | 11.4 | 347 |
| **27** W | 0102 | 0.1 | 3 |
| | 0714 | 10.0 | 305 |
| | 1317 | 1.0 | 30 |
| | 1934 | 11.7 | 357 |
| **28** Th | 0205 | −0.2 | −6 |
| | 0816 | 10.5 | 320 |
| | 1420 | 0.5 | 15 |
| | 2035 | 12.0 | 366 |
| **29** F | 0301 | −0.6 | −18 |
| | 0912 | 11.0 | 335 |
| | 1517 | 0.1 | 3 |
| | 2130 | 12.2 | 372 |
| **30** Sa ● | 0352 | −0.8 | −24 |
| | 1002 | 11.4 | 347 |
| | 1609 | −0.3 | −9 |
| | 2220 | 12.3 | 375 |
| **31** Su | 0439 | −0.9 | −27 |
| | 1048 | 11.6 | 354 |
| | 1657 | −0.5 | −15 |
| | 2307 | 12.1 | 369 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0523 | −0.7 | −21 |
| | 1132 | 11.7 | 357 |
| | 1743 | −0.4 | −12 |
| | 2352 | 11.8 | 360 |
| **2** Tu | 0605 | −0.3 | −9 |
| | 1214 | 11.6 | 354 |
| | 1828 | −0.2 | −6 |
| **3** W | 0036 | 11.3 | 344 |
| | 0646 | 0.2 | 6 |
| | 1255 | 11.3 | 344 |
| | 1912 | 0.1 | 3 |
| **4** Th | 0121 | 10.7 | 326 |
| | 0728 | 0.7 | 21 |
| | 1337 | 11.0 | 335 |
| | 1958 | 0.5 | 15 |
| **5** F | 0206 | 10.1 | 308 |
| | 0811 | 1.3 | 40 |
| | 1421 | 10.6 | 323 |
| | 2046 | 1.0 | 30 |
| **6** Sa | 0255 | 9.5 | 290 |
| | 0857 | 1.9 | 58 |
| | 1509 | 10.2 | 311 |
| | 2138 | 1.4 | 43 |
| **7** Su ◐ | 0348 | 9.0 | 274 |
| | 0949 | 2.3 | 70 |
| | 1602 | 9.9 | 302 |
| | 2234 | 1.7 | 52 |
| **8** M | 0445 | 8.7 | 265 |
| | 1046 | 2.5 | 76 |
| | 1659 | 9.7 | 296 |
| | 2334 | 1.8 | 55 |
| **9** Tu | 0545 | 8.6 | 262 |
| | 1146 | 2.5 | 76 |
| | 1759 | 9.8 | 299 |
| **10** W | 0031 | 1.7 | 52 |
| | 0642 | 8.8 | 268 |
| | 1243 | 2.3 | 70 |
| | 1855 | 10.0 | 305 |
| **11** Th | 0124 | 1.4 | 43 |
| | 0734 | 9.2 | 280 |
| | 1336 | 1.9 | 58 |
| | 1946 | 10.3 | 314 |
| **12** F | 0211 | 1.0 | 30 |
| | 0820 | 9.6 | 293 |
| | 1423 | 1.4 | 43 |
| | 2032 | 10.8 | 329 |
| **13** Sa | 0253 | 0.6 | 18 |
| | 0901 | 10.2 | 311 |
| | 1506 | 0.9 | 27 |
| | 2115 | 11.2 | 341 |
| **14** Su | 0332 | 0.2 | 6 |
| | 0939 | 10.8 | 329 |
| | 1547 | 0.4 | 12 |
| | 2155 | 11.5 | 351 |
| **15** M ○ | 0409 | −0.2 | −6 |
| | 1017 | 11.3 | 344 |
| | 1627 | −0.1 | −3 |
| | 2235 | 11.7 | 357 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0446 | −0.4 | −12 |
| | 1054 | 11.8 | 360 |
| | 1708 | −0.5 | −15 |
| | 2316 | 11.7 | 357 |
| **17** W | 0525 | −0.4 | −12 |
| | 1134 | 12.1 | 369 |
| | 1751 | −0.8 | −24 |
| **18** Th | 0000 | 11.6 | 354 |
| | 0606 | −0.3 | −9 |
| | 1217 | 12.3 | 375 |
| | 1837 | −0.8 | −24 |
| **19** F | 0047 | 11.3 | 344 |
| | 0651 | 0.0 | 0 |
| | 1304 | 12.2 | 372 |
| | 1928 | −0.6 | −18 |
| **20** Sa | 0138 | 10.9 | 332 |
| | 0741 | 0.4 | 12 |
| | 1356 | 12.0 | 366 |
| | 2024 | −0.3 | −9 |
| **21** Su | 0235 | 10.4 | 317 |
| | 0838 | 0.8 | 24 |
| | 1454 | 11.7 | 357 |
| | 2126 | 0.0 | 0 |
| **22** M ◑ | 0339 | 10.0 | 305 |
| | 0942 | 1.2 | 37 |
| | 1600 | 11.3 | 344 |
| | 2235 | 0.3 | 9 |
| **23** Tu | 0449 | 9.8 | 299 |
| | 1053 | 1.4 | 43 |
| | 1711 | 11.1 | 338 |
| | 2345 | 0.4 | 12 |
| **24** W | 0559 | 9.9 | 302 |
| | 1206 | 1.2 | 37 |
| | 1821 | 11.2 | 341 |
| **25** Th | 0051 | 0.2 | 6 |
| | 0705 | 10.3 | 314 |
| | 1313 | 0.9 | 27 |
| | 1926 | 11.4 | 347 |
| **26** F | 0151 | 0.0 | 0 |
| | 0804 | 10.7 | 326 |
| | 1413 | 0.4 | 12 |
| | 2025 | 11.6 | 354 |
| **27** Sa | 0244 | −0.3 | −9 |
| | 0856 | 11.2 | 341 |
| | 1506 | −0.1 | −3 |
| | 2117 | 11.7 | 357 |
| **28** Su | 0332 | −0.4 | −12 |
| | 0942 | 11.6 | 354 |
| | 1554 | −0.4 | −12 |
| | 2204 | 11.7 | 357 |
| **29** M ● | 0415 | −0.3 | −9 |
| | 1025 | 11.7 | 357 |
| | 1639 | −0.5 | −15 |
| | 2248 | 11.5 | 351 |
| **30** Tu | 0456 | −0.1 | −3 |
| | 1104 | 11.7 | 357 |
| | 1721 | −0.4 | −12 |
| | 2330 | 11.2 | 341 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bar Harbor, Maine, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0535 | 0.3 | 9 |
| | 1142 | 11.6 | 354 |
| | 1802 | −0.2 | −6 |
| **2** Th | 0010 | 10.8 | 329 |
| | 0613 | 0.7 | 21 |
| | 1220 | 11.3 | 344 |
| | 1842 | 0.1 | 3 |
| **3** F | 0051 | 10.3 | 314 |
| | 0652 | 1.2 | 37 |
| | 1259 | 10.9 | 332 |
| | 1924 | 0.5 | 15 |
| **4** Sa | 0134 | 9.8 | 299 |
| | 0733 | 1.7 | 52 |
| | 1341 | 10.5 | 320 |
| | 2009 | 1.0 | 30 |
| **5** Su | 0219 | 9.3 | 283 |
| | 0818 | 2.1 | 64 |
| | 1427 | 10.1 | 308 |
| | 2058 | 1.3 | 40 |
| **6** M | 0309 | 9.0 | 274 |
| | 0909 | 2.4 | 73 |
| | 1519 | 9.8 | 299 |
| | 2151 | 1.6 | 49 |
| **7** Tu ◐ | 0403 | 8.8 | 268 |
| | 1004 | 2.6 | 79 |
| | 1615 | 9.7 | 296 |
| | 2248 | 1.7 | 52 |
| **8** W | 0501 | 8.8 | 268 |
| | 1104 | 2.5 | 76 |
| | 1714 | 9.7 | 296 |
| | 2344 | 1.6 | 49 |
| **9** Th | 0557 | 9.0 | 274 |
| | 1202 | 2.3 | 70 |
| | 1811 | 9.9 | 302 |
| **10** F | 0037 | 1.4 | 43 |
| | 0648 | 9.4 | 287 |
| | 1255 | 1.8 | 55 |
| | 1904 | 10.2 | 311 |
| **11** Sa | 0125 | 1.0 | 30 |
| | 0735 | 10.0 | 305 |
| | 1345 | 1.2 | 37 |
| | 1953 | 10.6 | 323 |
| **12** Su | 0209 | 0.6 | 18 |
| | 0818 | 10.7 | 326 |
| | 1430 | 0.5 | 15 |
| | 2038 | 11.0 | 335 |
| **13** M | 0250 | 0.2 | 6 |
| | 0859 | 11.4 | 347 |
| | 1514 | −0.2 | −6 |
| | 2123 | 11.4 | 347 |
| **14** Tu ○ | 0331 | −0.2 | −6 |
| | 0940 | 12.0 | 366 |
| | 1558 | −0.8 | −24 |
| | 2207 | 11.7 | 357 |
| **15** W | 0413 | −0.4 | −12 |
| | 1022 | 12.5 | 381 |
| | 1643 | −1.2 | −37 |
| | 2252 | 11.7 | 357 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0456 | −0.4 | −12 |
| | 1106 | 12.8 | 390 |
| | 1729 | −1.4 | −43 |
| | 2340 | 11.6 | 354 |
| **17** F | 0542 | −0.3 | −9 |
| | 1153 | 12.8 | 390 |
| | 1819 | −1.3 | −40 |
| **18** Sa | 0030 | 11.3 | 344 |
| | 0631 | 0.0 | 0 |
| | 1244 | 12.6 | 384 |
| | 1913 | −1.0 | −30 |
| **19** Su | 0125 | 10.9 | 332 |
| | 0726 | 0.4 | 12 |
| | 1340 | 12.2 | 372 |
| | 2012 | −0.6 | −18 |
| **20** M | 0225 | 10.5 | 320 |
| | 0828 | 0.9 | 27 |
| | 1442 | 11.7 | 357 |
| | 2116 | −0.1 | −3 |
| **21** Tu ◑ | 0331 | 10.2 | 311 |
| | 0936 | 1.2 | 37 |
| | 1550 | 11.3 | 344 |
| | 2223 | 0.2 | 6 |
| **22** W | 0440 | 10.1 | 308 |
| | 1047 | 1.2 | 37 |
| | 1701 | 11.0 | 335 |
| | 2330 | 0.3 | 9 |
| **23** Th | 0547 | 10.3 | 314 |
| | 1157 | 1.1 | 34 |
| | 1810 | 10.9 | 332 |
| **24** F | 0033 | 0.3 | 9 |
| | 0649 | 10.6 | 323 |
| | 1302 | 0.7 | 21 |
| | 1913 | 11.0 | 335 |
| **25** Sa | 0131 | 0.2 | 6 |
| | 0745 | 11.0 | 335 |
| | 1359 | 0.3 | 9 |
| | 2009 | 11.1 | 338 |
| **26** Su | 0222 | 0.2 | 6 |
| | 0834 | 11.4 | 347 |
| | 1451 | −0.1 | −3 |
| | 2100 | 11.1 | 338 |
| **27** M | 0308 | 0.2 | 6 |
| | 0919 | 11.6 | 354 |
| | 1537 | −0.3 | −9 |
| | 2146 | 11.0 | 335 |
| **28** Tu ● | 0351 | 0.3 | 9 |
| | 0959 | 11.7 | 357 |
| | 1619 | −0.4 | −12 |
| | 2228 | 10.9 | 332 |
| **29** W | 0430 | 0.6 | 18 |
| | 1038 | 11.6 | 354 |
| | 1659 | −0.3 | −9 |
| | 2308 | 10.6 | 323 |
| **30** Th | 0508 | 0.9 | 27 |
| | 1114 | 11.4 | 347 |
| | 1738 | −0.1 | −3 |
| | 2347 | 10.3 | 314 |
| **31** F | 0545 | 1.2 | 37 |
| | 1151 | 11.2 | 341 |
| | 1816 | 0.2 | 6 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0025 | 10.0 | 305 |
| | 0623 | 1.5 | 46 |
| | 1229 | 10.9 | 332 |
| | 1856 | 0.5 | 15 |
| **2** Su | 0106 | 9.6 | 293 |
| | 0702 | 1.8 | 55 |
| | 1309 | 10.5 | 320 |
| | 1938 | 0.9 | 27 |
| **3** M | 0148 | 9.3 | 283 |
| | 0745 | 2.1 | 64 |
| | 1353 | 10.2 | 311 |
| | 2023 | 1.2 | 37 |
| **4** Tu | 0234 | 9.1 | 277 |
| | 0832 | 2.3 | 70 |
| | 1441 | 10.0 | 305 |
| | 2111 | 1.4 | 43 |
| **5** W ◐ | 0323 | 9.0 | 274 |
| | 0924 | 2.4 | 73 |
| | 1533 | 9.8 | 299 |
| | 2202 | 1.5 | 46 |
| **6** Th | 0415 | 9.1 | 277 |
| | 1020 | 2.3 | 70 |
| | 1628 | 9.8 | 299 |
| | 2254 | 1.4 | 43 |
| **7** F | 0508 | 9.4 | 287 |
| | 1116 | 2.1 | 64 |
| | 1723 | 9.9 | 302 |
| | 2345 | 1.3 | 40 |
| **8** Sa | 0559 | 9.8 | 299 |
| | 1211 | 1.6 | 49 |
| | 1818 | 10.1 | 308 |
| **9** Su | 0035 | 1.0 | 30 |
| | 0648 | 10.4 | 317 |
| | 1304 | 0.9 | 27 |
| | 1912 | 10.4 | 317 |
| **10** M | 0123 | 0.6 | 18 |
| | 0735 | 11.2 | 341 |
| | 1355 | 0.2 | 6 |
| | 2003 | 10.8 | 329 |
| **11** Tu | 0210 | 0.3 | 9 |
| | 0822 | 11.9 | 363 |
| | 1444 | −0.5 | −15 |
| | 2053 | 11.2 | 341 |
| **12** W | 0256 | 0.0 | 0 |
| | 0908 | 12.5 | 381 |
| | 1532 | −1.1 | −34 |
| | 2142 | 11.4 | 347 |
| **13** Th ○ | 0343 | −0.3 | −9 |
| | 0955 | 13.0 | 396 |
| | 1621 | −1.6 | −49 |
| | 2232 | 11.6 | 354 |
| **14** F | 0432 | −0.3 | −9 |
| | 1044 | 13.2 | 402 |
| | 1712 | −1.7 | −52 |
| | 2323 | 11.5 | 351 |
| **15** Sa | 0523 | −0.3 | −9 |
| | 1135 | 13.1 | 399 |
| | 1805 | −1.6 | −49 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0016 | 11.3 | 344 |
| | 0617 | 0.0 | 0 |
| | 1230 | 12.8 | 390 |
| | 1900 | −1.3 | −40 |
| **17** M | 0113 | 11.0 | 335 |
| | 0714 | 0.3 | 9 |
| | 1328 | 12.4 | 378 |
| | 1959 | −0.8 | −24 |
| **18** Tu | 0213 | 10.8 | 329 |
| | 0817 | 0.6 | 18 |
| | 1430 | 11.8 | 360 |
| | 2100 | −0.4 | −12 |
| **19** W | 0316 | 10.6 | 323 |
| | 0924 | 0.9 | 27 |
| | 1536 | 11.3 | 344 |
| ◑ | 2204 | 0.0 | 0 |
| **20** Th | 0421 | 10.5 | 320 |
| | 1032 | 1.0 | 30 |
| | 1643 | 10.9 | 332 |
| | 2307 | 0.3 | 9 |
| **21** F | 0524 | 10.6 | 323 |
| | 1139 | 0.9 | 27 |
| | 1749 | 10.6 | 323 |
| **22** Sa | 0007 | 0.5 | 15 |
| | 0624 | 10.8 | 329 |
| | 1242 | 0.7 | 21 |
| | 1851 | 10.5 | 320 |
| **23** Su | 0103 | 0.7 | 21 |
| | 0719 | 11.0 | 335 |
| | 1339 | 0.4 | 12 |
| | 1948 | 10.4 | 317 |
| **24** M | 0155 | 0.8 | 24 |
| | 0808 | 11.2 | 341 |
| | 1430 | 0.2 | 6 |
| | 2040 | 10.4 | 317 |
| **25** Tu | 0242 | 0.9 | 27 |
| | 0854 | 11.3 | 344 |
| | 1517 | 0.0 | 0 |
| | 2126 | 10.3 | 314 |
| **26** W | 0326 | 1.0 | 30 |
| | 0935 | 11.4 | 347 |
| | 1559 | −0.1 | −3 |
| | 2209 | 10.3 | 314 |
| **27** Th ● | 0406 | 1.1 | 34 |
| | 1014 | 11.4 | 347 |
| | 1639 | −0.1 | −3 |
| | 2248 | 10.1 | 308 |
| **28** F | 0445 | 1.3 | 40 |
| | 1051 | 11.3 | 344 |
| | 1717 | 0.1 | 3 |
| | 2326 | 10.0 | 305 |
| **29** Sa | 0522 | 1.4 | 43 |
| | 1128 | 11.1 | 338 |
| | 1755 | 0.2 | 6 |
| **30** Su | 0004 | 9.8 | 299 |
| | 0559 | 1.6 | 49 |
| | 1205 | 10.9 | 332 |
| | 1832 | 0.4 | 12 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0041 | 9.7 | 296 |
| | 0637 | 1.7 | 52 |
| | 1243 | 10.7 | 326 |
| | 1911 | 0.6 | 18 |
| **2** Tu | 0120 | 9.6 | 293 |
| | 0717 | 1.9 | 58 |
| | 1324 | 10.5 | 320 |
| | 1951 | 0.8 | 24 |
| **3** W | 0201 | 9.5 | 290 |
| | 0800 | 2.0 | 61 |
| | 1407 | 10.3 | 314 |
| | 2033 | 1.0 | 30 |
| **4** Th | 0245 | 9.5 | 290 |
| | 0847 | 2.0 | 61 |
| | 1453 | 10.1 | 308 |
| | 2117 | 1.1 | 34 |
| **5** F ◐ | 0331 | 9.7 | 296 |
| | 0937 | 1.9 | 58 |
| | 1544 | 10.0 | 305 |
| | 2204 | 1.1 | 34 |
| **6** Sa | 0419 | 10.0 | 305 |
| | 1031 | 1.7 | 52 |
| | 1638 | 9.9 | 302 |
| | 2254 | 1.1 | 34 |
| **7** Su | 0510 | 10.3 | 314 |
| | 1128 | 1.3 | 40 |
| | 1735 | 10.0 | 305 |
| | 2346 | 1.0 | 30 |
| **8** M | 0602 | 10.9 | 332 |
| | 1225 | 0.7 | 21 |
| | 1833 | 10.2 | 311 |
| **9** Tu | 0040 | 0.8 | 24 |
| | 0656 | 11.5 | 351 |
| | 1322 | 0.1 | 3 |
| | 1931 | 10.5 | 320 |
| **10** W | 0134 | 0.5 | 15 |
| | 0749 | 12.1 | 369 |
| | 1418 | −0.6 | −18 |
| | 2027 | 10.8 | 329 |
| **11** Th | 0228 | 0.2 | 6 |
| | 0842 | 12.7 | 387 |
| | 1512 | −1.2 | −37 |
| | 2122 | 11.1 | 338 |
| **12** F ○ | 0321 | −0.1 | −3 |
| | 0935 | 13.1 | 399 |
| | 1605 | −1.6 | −49 |
| | 2216 | 11.4 | 347 |
| **13** Sa | 0415 | −0.3 | −9 |
| | 1028 | 13.3 | 405 |
| | 1658 | −1.8 | −55 |
| | 2309 | 11.5 | 351 |
| **14** Su | 0509 | −0.3 | −9 |
| | 1122 | 13.3 | 405 |
| | 1752 | −1.7 | −52 |
| **15** M | 0003 | 11.5 | 351 |
| | 0605 | −0.3 | −9 |
| | 1218 | 13.0 | 396 |
| | 1846 | −1.5 | −46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0059 | 11.4 | 347 |
| | 0702 | −0.1 | −3 |
| | 1315 | 12.5 | 381 |
| | 1942 | −1.0 | −30 |
| **17** W | 0155 | 11.2 | 341 |
| | 0802 | 0.2 | 6 |
| | 1413 | 11.9 | 363 |
| | 2038 | −0.5 | −15 |
| **18** Th | 0253 | 11.0 | 335 |
| | 0904 | 0.5 | 15 |
| | 1514 | 11.3 | 344 |
| | 2136 | 0.0 | 0 |
| **19** F ◑ | 0353 | 10.9 | 332 |
| | 1008 | 0.8 | 24 |
| | 1617 | 10.6 | 323 |
| | 2235 | 0.5 | 15 |
| **20** Sa | 0452 | 10.8 | 329 |
| | 1112 | 0.9 | 27 |
| | 1721 | 10.1 | 308 |
| | 2333 | 0.9 | 27 |
| **21** Su | 0550 | 10.7 | 326 |
| | 1214 | 0.9 | 27 |
| | 1823 | 9.8 | 299 |
| **22** M | 0030 | 1.3 | 40 |
| | 0646 | 10.7 | 326 |
| | 1312 | 0.8 | 24 |
| | 1922 | 9.7 | 296 |
| **23** Tu | 0125 | 1.4 | 43 |
| | 0739 | 10.8 | 329 |
| | 1406 | 0.6 | 18 |
| | 2016 | 9.7 | 296 |
| **24** W | 0215 | 1.5 | 46 |
| | 0827 | 10.9 | 332 |
| | 1455 | 0.4 | 12 |
| | 2105 | 9.7 | 296 |
| **25** Th | 0302 | 1.5 | 46 |
| | 0912 | 11.0 | 335 |
| | 1539 | 0.3 | 9 |
| | 2149 | 9.8 | 299 |
| **26** F | 0344 | 1.5 | 46 |
| | 0953 | 11.1 | 338 |
| | 1620 | 0.2 | 6 |
| | 2229 | 9.9 | 302 |
| **27** Sa ● | 0424 | 1.4 | 43 |
| | 1031 | 11.2 | 341 |
| | 1658 | 0.2 | 6 |
| | 2306 | 9.9 | 302 |
| **28** Su | 0502 | 1.4 | 43 |
| | 1108 | 11.2 | 341 |
| | 1734 | 0.2 | 6 |
| | 2342 | 10.0 | 305 |
| **29** M | 0538 | 1.4 | 43 |
| | 1144 | 11.1 | 338 |
| | 1809 | 0.2 | 6 |
| **30** Tu | 0017 | 10.0 | 305 |
| | 0614 | 1.4 | 43 |
| | 1220 | 11.0 | 335 |
| | 1844 | 0.3 | 9 |
| **31** W | 0052 | 10.0 | 305 |
| | 0651 | 1.4 | 43 |
| | 1257 | 10.9 | 332 |
| | 1919 | 0.4 | 12 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Portland, Maine, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0524 | 8.7 | 265 |
| | 1146 | 1.3 | 40 |
| | 1754 | 7.9 | 241 |
| | 2357 | 1.5 | 46 |
| **2** W | 0617 | 8.7 | 265 |
| | 1244 | 1.2 | 37 |
| | 1854 | 7.7 | 235 |
| **3** Th | 0050 | 1.7 | 52 |
| | 0708 | 8.7 | 265 |
| | 1340 | 1.1 | 34 |
| | 1950 | 7.6 | 232 |
| **4** F | 0141 | 1.8 | 55 |
| | 0758 | 8.9 | 271 |
| | 1430 | 0.8 | 24 |
| | 2041 | 7.7 | 235 |
| **5** Sa | 0228 | 1.7 | 52 |
| | 0844 | 9.1 | 277 |
| | 1516 | 0.6 | 18 |
| | 2127 | 7.9 | 241 |
| **6** Su | 0312 | 1.5 | 46 |
| | 0926 | 9.3 | 283 |
| | 1557 | 0.4 | 12 |
| | 2208 | 8.1 | 247 |
| **7** M | 0353 | 1.3 | 40 |
| | 1006 | 9.6 | 293 |
| | 1635 | 0.1 | 3 |
| | 2247 | 8.3 | 253 |
| **8** Tu ● | 0431 | 1.1 | 34 |
| | 1044 | 9.7 | 296 |
| | 1711 | 0.0 | 0 |
| | 2323 | 8.4 | 256 |
| **9** W | 0509 | 0.9 | 27 |
| | 1122 | 9.9 | 302 |
| | 1746 | −0.2 | −6 |
| | 2359 | 8.6 | 262 |
| **10** Th | 0547 | 0.7 | 21 |
| | 1200 | 10.0 | 305 |
| | 1822 | −0.3 | −9 |
| **11** F | 0035 | 8.8 | 268 |
| | 0627 | 0.6 | 18 |
| | 1239 | 10.0 | 305 |
| | 1900 | −0.4 | −12 |
| **12** Sa | 0114 | 9.0 | 274 |
| | 0711 | 0.4 | 12 |
| | 1322 | 9.9 | 302 |
| | 1940 | −0.4 | −12 |
| **13** Su | 0155 | 9.3 | 283 |
| | 0758 | 0.3 | 9 |
| | 1408 | 9.6 | 293 |
| | 2024 | −0.2 | −6 |
| **14** M | 0240 | 9.5 | 290 |
| | 0849 | 0.3 | 9 |
| | 1459 | 9.3 | 283 |
| | 2111 | 0.0 | 0 |
| **15** Tu ◐ | 0330 | 9.6 | 293 |
| | 0946 | 0.3 | 9 |
| | 1555 | 8.9 | 271 |
| | 2204 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0424 | 9.7 | 296 |
| | 1048 | 0.2 | 6 |
| | 1658 | 8.6 | 262 |
| | 2302 | 0.5 | 15 |
| **17** Th | 0524 | 9.8 | 299 |
| | 1155 | 0.1 | 3 |
| | 1807 | 8.4 | 256 |
| **18** F | 0006 | 0.7 | 21 |
| | 0628 | 10.0 | 305 |
| | 1303 | −0.1 | −3 |
| | 1917 | 8.4 | 256 |
| **19** Sa | 0112 | 0.7 | 21 |
| | 0733 | 10.2 | 311 |
| | 1409 | −0.4 | −12 |
| | 2024 | 8.6 | 262 |
| **20** Su | 0216 | 0.5 | 15 |
| | 0836 | 10.5 | 320 |
| | 1510 | −0.8 | −24 |
| | 2125 | 8.9 | 271 |
| **21** M | 0316 | 0.2 | 6 |
| | 0935 | 10.7 | 326 |
| | 1605 | −1.1 | −34 |
| | 2220 | 9.2 | 280 |
| **22** Tu ○ | 0412 | −0.1 | −3 |
| | 1029 | 10.9 | 332 |
| | 1656 | −1.2 | −37 |
| | 2310 | 9.5 | 290 |
| **23** W | 0504 | −0.2 | −6 |
| | 1120 | 10.9 | 332 |
| | 1744 | −1.2 | −37 |
| | 2358 | 9.6 | 293 |
| **24** Th | 0554 | −0.3 | −9 |
| | 1208 | 10.6 | 323 |
| | 1829 | −1.0 | −30 |
| **25** F | 0043 | 9.6 | 293 |
| | 0642 | −0.1 | −3 |
| | 1255 | 10.2 | 311 |
| | 1913 | −0.6 | −18 |
| **26** Sa | 0127 | 9.5 | 290 |
| | 0729 | 0.1 | 3 |
| | 1341 | 9.7 | 296 |
| | 1955 | −0.2 | −6 |
| **27** Su | 0210 | 9.3 | 283 |
| | 0817 | 0.4 | 12 |
| | 1427 | 9.1 | 277 |
| | 2038 | 0.4 | 12 |
| **28** M | 0254 | 9.1 | 277 |
| | 0906 | 0.7 | 21 |
| | 1516 | 8.5 | 259 |
| | 2122 | 0.9 | 27 |
| **29** Tu | 0339 | 8.8 | 268 |
| | 0959 | 1.1 | 34 |
| | 1608 | 7.9 | 241 |
| | 2210 | 1.4 | 43 |
| **30** W ◑ | 0428 | 8.6 | 262 |
| | 1055 | 1.3 | 40 |
| | 1705 | 7.5 | 229 |
| | 2301 | 1.8 | 55 |
| **31** Th | 0521 | 8.4 | 256 |
| | 1155 | 1.4 | 43 |
| | 1806 | 7.3 | 223 |
| | 2358 | 2.1 | 64 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0618 | 8.4 | 256 |
| | 1256 | 1.4 | 43 |
| | 1907 | 7.2 | 219 |
| **2** Sa | 0055 | 2.1 | 64 |
| | 0715 | 8.5 | 259 |
| | 1352 | 1.2 | 37 |
| | 2004 | 7.4 | 226 |
| **3** Su | 0150 | 1.9 | 58 |
| | 0808 | 8.7 | 265 |
| | 1442 | 0.9 | 27 |
| | 2054 | 7.6 | 232 |
| **4** M | 0239 | 1.6 | 49 |
| | 0856 | 9.1 | 277 |
| | 1526 | 0.5 | 15 |
| | 2137 | 8.0 | 244 |
| **5** Tu | 0324 | 1.2 | 37 |
| | 0939 | 9.5 | 290 |
| | 1605 | 0.1 | 3 |
| | 2216 | 8.4 | 256 |
| **6** W ● | 0405 | 0.8 | 24 |
| | 1019 | 9.8 | 299 |
| | 1642 | −0.2 | −6 |
| | 2253 | 8.8 | 268 |
| **7** Th | 0445 | 0.4 | 12 |
| | 1058 | 10.1 | 308 |
| | 1718 | −0.5 | −15 |
| | 2330 | 9.2 | 280 |
| **8** F | 0525 | 0.1 | 3 |
| | 1138 | 10.2 | 311 |
| | 1755 | −0.7 | −21 |
| **9** Sa | 0007 | 9.5 | 290 |
| | 0607 | −0.2 | −6 |
| | 1219 | 10.2 | 311 |
| | 1833 | −0.8 | −24 |
| **10** Su | 0046 | 9.8 | 299 |
| | 0651 | −0.4 | −12 |
| | 1303 | 10.1 | 308 |
| | 1914 | −0.7 | −21 |
| **11** M | 0128 | 10.0 | 305 |
| | 0739 | −0.5 | −15 |
| | 1350 | 9.8 | 299 |
| | 1958 | −0.4 | −12 |
| **12** Tu | 0213 | 10.1 | 308 |
| | 0830 | −0.4 | −12 |
| | 1441 | 9.3 | 283 |
| | 2047 | −0.1 | −3 |
| **13** W ◐ | 0304 | 10.0 | 305 |
| | 0927 | −0.2 | −6 |
| | 1539 | 8.8 | 268 |
| | 2141 | 0.4 | 12 |
| **14** Th | 0401 | 9.9 | 302 |
| | 1031 | 0.0 | 0 |
| | 1644 | 8.3 | 253 |
| | 2243 | 0.8 | 24 |
| **15** F | 0505 | 9.7 | 296 |
| | 1141 | 0.2 | 6 |
| | 1757 | 8.1 | 247 |
| | 2352 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0615 | 9.6 | 293 |
| | 1253 | 0.1 | 3 |
| | 1911 | 8.1 | 247 |
| **17** Su | 0103 | 1.0 | 30 |
| | 0726 | 9.8 | 299 |
| | 1401 | −0.1 | −3 |
| | 2018 | 8.4 | 256 |
| **18** M | 0211 | 0.7 | 21 |
| | 0832 | 10.0 | 305 |
| | 1501 | −0.4 | −12 |
| | 2117 | 8.8 | 268 |
| **19** Tu | 0311 | 0.3 | 9 |
| | 0929 | 10.3 | 314 |
| | 1554 | −0.7 | −21 |
| | 2208 | 9.2 | 280 |
| **20** W ○ | 0404 | 0.0 | 0 |
| | 1021 | 10.4 | 317 |
| | 1641 | −0.8 | −24 |
| | 2254 | 9.5 | 290 |
| **21** Th | 0453 | −0.3 | −9 |
| | 1107 | 10.4 | 317 |
| | 1724 | −0.8 | −24 |
| | 2336 | 9.7 | 296 |
| **22** F | 0538 | −0.3 | −9 |
| | 1151 | 10.2 | 311 |
| | 1804 | −0.6 | −18 |
| **23** Sa | 0016 | 9.7 | 296 |
| | 0621 | −0.3 | −9 |
| | 1232 | 9.9 | 302 |
| | 1842 | −0.2 | −6 |
| **24** Su | 0053 | 9.6 | 293 |
| | 0702 | −0.1 | −3 |
| | 1313 | 9.4 | 287 |
| | 1919 | 0.2 | 6 |
| **25** M | 0131 | 9.4 | 287 |
| | 0744 | 0.2 | 6 |
| | 1354 | 8.9 | 271 |
| | 1957 | 0.7 | 21 |
| **26** Tu | 0209 | 9.2 | 280 |
| | 0827 | 0.5 | 15 |
| | 1437 | 8.4 | 256 |
| | 2036 | 1.2 | 37 |
| **27** W | 0250 | 8.9 | 271 |
| | 0913 | 0.9 | 27 |
| | 1524 | 7.9 | 241 |
| | 2120 | 1.6 | 49 |
| **28** Th ◑ | 0335 | 8.6 | 262 |
| | 1004 | 1.3 | 40 |
| | 1617 | 7.4 | 226 |
| | 2209 | 2.0 | 61 |
| **29** F | 0427 | 8.3 | 253 |
| | 1102 | 1.5 | 46 |
| | 1716 | 7.2 | 219 |
| | 2306 | 2.2 | 67 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0526 | 8.2 | 250 |
| | 1204 | 1.6 | 49 |
| | 1819 | 7.1 | 216 |
| **2** Su | 0008 | 2.2 | 67 |
| | 0628 | 8.3 | 253 |
| | 1305 | 1.4 | 43 |
| | 1920 | 7.3 | 223 |
| **3** M | 0108 | 2.0 | 61 |
| | 0727 | 8.6 | 262 |
| | 1359 | 1.1 | 34 |
| | 2012 | 7.7 | 235 |
| **4** Tu | 0202 | 1.6 | 49 |
| | 0819 | 9.0 | 274 |
| | 1446 | 0.6 | 18 |
| | 2058 | 8.2 | 250 |
| **5** W | 0251 | 1.1 | 34 |
| | 0906 | 9.4 | 287 |
| | 1527 | 0.2 | 6 |
| | 2139 | 8.8 | 268 |
| **6** Th | 0336 | 0.5 | 15 |
| | 0950 | 9.9 | 302 |
| | 1606 | −0.3 | −9 |
| | 2218 | 9.4 | 287 |
| **7** F ● | 0419 | −0.1 | −3 |
| | 1032 | 10.2 | 311 |
| | 1645 | −0.6 | −18 |
| | 2257 | 9.9 | 302 |
| **8** Sa | 0502 | −0.6 | −18 |
| | 1115 | 10.4 | 317 |
| | 1724 | −0.8 | −24 |
| | 2336 | 10.4 | 317 |
| **9** Su | 0546 | −1.0 | −30 |
| | 1159 | 10.4 | 317 |
| | 1805 | −0.8 | −24 |
| **10** M | 0018 | 10.7 | 326 |
| | 0632 | −1.1 | −34 |
| | 1245 | 10.2 | 311 |
| | 1849 | −0.7 | −21 |
| **11** Tu | 0102 | 10.8 | 329 |
| | 0721 | −1.1 | −34 |
| | 1335 | 9.8 | 299 |
| | 1936 | −0.3 | −9 |
| **12** W | 0151 | 10.7 | 326 |
| | 0815 | −0.8 | −24 |
| | 1429 | 9.3 | 283 |
| | 2028 | 0.1 | 3 |
| **13** Th | 0244 | 10.4 | 317 |
| | 0913 | −0.5 | −15 |
| | 1529 | 8.8 | 268 |
| | 2126 | 0.7 | 21 |
| **14** F ◐ | 0345 | 10.0 | 305 |
| | 1019 | 0.0 | 0 |
| | 1637 | 8.3 | 253 |
| | 2232 | 1.1 | 34 |
| **15** Sa | 0453 | 9.6 | 293 |
| | 1131 | 0.2 | 6 |
| | 1751 | 8.2 | 250 |
| | 2345 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0608 | 9.4 | 287 |
| | 1243 | 0.3 | 9 |
| | 1903 | 8.3 | 253 |
| **17** M | 0059 | 1.1 | 34 |
| | 0720 | 9.5 | 290 |
| | 1349 | 0.2 | 6 |
| | 2007 | 8.7 | 265 |
| **18** Tu | 0205 | 0.8 | 24 |
| | 0824 | 9.7 | 296 |
| | 1446 | 0.0 | 0 |
| | 2102 | 9.1 | 277 |
| **19** W | 0302 | 0.4 | 12 |
| | 0919 | 9.9 | 302 |
| | 1535 | −0.2 | −6 |
| | 2150 | 9.5 | 290 |
| **20** Th | 0353 | 0.0 | 0 |
| | 1007 | 9.9 | 302 |
| | 1619 | −0.3 | −9 |
| | 2232 | 9.7 | 296 |
| **21** F ○ | 0438 | −0.2 | −6 |
| | 1051 | 9.9 | 302 |
| | 1658 | −0.2 | −6 |
| | 2310 | 9.9 | 302 |
| **22** Sa | 0519 | −0.3 | −9 |
| | 1131 | 9.7 | 296 |
| | 1735 | 0.0 | 0 |
| | 2345 | 9.9 | 302 |
| **23** Su | 0558 | −0.2 | −6 |
| | 1209 | 9.4 | 287 |
| | 1810 | 0.3 | 9 |
| **24** M | 0019 | 9.8 | 299 |
| | 0636 | −0.1 | −3 |
| | 1247 | 9.1 | 277 |
| | 1844 | 0.7 | 21 |
| **25** Tu | 0054 | 9.6 | 293 |
| | 0713 | 0.2 | 6 |
| | 1325 | 8.7 | 265 |
| | 1920 | 1.1 | 34 |
| **26** W | 0130 | 9.3 | 283 |
| | 0753 | 0.5 | 15 |
| | 1405 | 8.3 | 253 |
| | 1958 | 1.5 | 46 |
| **27** Th | 0209 | 9.1 | 277 |
| | 0835 | 0.8 | 24 |
| | 1449 | 7.9 | 241 |
| | 2040 | 1.8 | 55 |
| **28** F | 0253 | 8.8 | 268 |
| | 0922 | 1.2 | 37 |
| | 1538 | 7.6 | 232 |
| | 2128 | 2.1 | 64 |
| **29** Sa ◑ | 0343 | 8.5 | 259 |
| | 1015 | 1.4 | 43 |
| | 1633 | 7.4 | 226 |
| | 2222 | 2.3 | 70 |
| **30** Su | 0440 | 8.4 | 256 |
| | 1113 | 1.5 | 46 |
| | 1732 | 7.4 | 226 |
| | 2323 | 2.2 | 67 |
| **31** M | 0540 | 8.4 | 256 |
| | 1213 | 1.4 | 43 |
| | 1831 | 7.6 | 232 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Portland, Maine, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Tu | 0024 | 2.0 | 61 |
| | 0641 | 8.6 | 262 |
| | 1308 | 1.1 | 34 |
| | 1925 | 8.1 | 247 |
| 2 W | 0122 | 1.5 | 46 |
| | 0737 | 9.0 | 274 |
| | 1358 | 0.7 | 21 |
| | 2013 | 8.7 | 265 |
| 3 Th | 0215 | 0.9 | 27 |
| | 0828 | 9.4 | 287 |
| | 1444 | 0.2 | 6 |
| | 2058 | 9.4 | 287 |
| 4 F | 0304 | 0.2 | 6 |
| | 0917 | 9.8 | 299 |
| | 1527 | −0.2 | −6 |
| | 2140 | 10.1 | 308 |
| 5 Sa ● | 0351 | −0.5 | −15 |
| | 1004 | 10.2 | 311 |
| | 1610 | −0.5 | −15 |
| | 2223 | 10.7 | 326 |
| 6 Su | 0438 | −1.1 | −34 |
| | 1051 | 10.4 | 317 |
| | 1654 | −0.7 | −21 |
| | 2306 | 11.1 | 338 |
| 7 M | 0526 | −1.5 | −46 |
| | 1139 | 10.3 | 314 |
| | 1739 | −0.6 | −18 |
| | 2352 | 11.3 | 344 |
| 8 Tu | 0615 | −1.6 | −49 |
| | 1229 | 10.1 | 308 |
| | 1827 | −0.4 | −12 |
| 9 W | 0040 | 11.3 | 344 |
| | 0707 | −1.4 | −43 |
| | 1322 | 9.8 | 299 |
| | 1918 | −0.1 | −3 |
| 10 Th | 0133 | 11.0 | 335 |
| | 0802 | −1.0 | −30 |
| | 1419 | 9.3 | 283 |
| | 2014 | 0.4 | 12 |
| 11 F | 0230 | 10.6 | 323 |
| | 0902 | −0.6 | −18 |
| | 1522 | 8.9 | 271 |
| | 2116 | 0.8 | 24 |
| 12 Sa ◐ | 0334 | 10.1 | 308 |
| | 1008 | −0.1 | −3 |
| | 1630 | 8.6 | 262 |
| | 2225 | 1.2 | 37 |
| 13 Su | 0444 | 9.6 | 293 |
| | 1117 | 0.3 | 9 |
| | 1740 | 8.6 | 262 |
| | 2338 | 1.3 | 40 |
| 14 M | 0557 | 9.4 | 287 |
| | 1225 | 0.4 | 12 |
| | 1847 | 8.7 | 265 |
| 15 Tu | 0048 | 1.1 | 34 |
| | 0705 | 9.3 | 283 |
| | 1327 | 0.4 | 12 |
| | 1946 | 9.0 | 274 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 W | 0151 | 0.8 | 24 |
| | 0807 | 9.4 | 287 |
| | 1421 | 0.4 | 12 |
| | 2039 | 9.4 | 287 |
| 17 Th | 0247 | 0.5 | 15 |
| | 0901 | 9.4 | 287 |
| | 1509 | 0.4 | 12 |
| | 2124 | 9.6 | 293 |
| 18 F | 0335 | 0.2 | 6 |
| | 0948 | 9.4 | 287 |
| | 1551 | 0.4 | 12 |
| | 2204 | 9.8 | 299 |
| 19 Sa | 0419 | 0.0 | 0 |
| | 1031 | 9.3 | 283 |
| | 1630 | 0.6 | 18 |
| | 2241 | 9.9 | 302 |
| 20 Su ○ | 0458 | −0.1 | −3 |
| | 1110 | 9.2 | 280 |
| | 1705 | 0.8 | 24 |
| | 2315 | 9.9 | 302 |
| 21 M | 0535 | 0.0 | 0 |
| | 1147 | 9.0 | 274 |
| | 1739 | 1.0 | 30 |
| | 2348 | 9.8 | 299 |
| 22 Tu | 0611 | 0.1 | 3 |
| | 1224 | 8.8 | 268 |
| | 1813 | 1.2 | 37 |
| 23 W | 0022 | 9.7 | 296 |
| | 0648 | 0.3 | 9 |
| | 1301 | 8.5 | 259 |
| | 1849 | 1.5 | 46 |
| 24 Th | 0058 | 9.5 | 290 |
| | 0725 | 0.5 | 15 |
| | 1340 | 8.2 | 250 |
| | 1927 | 1.7 | 52 |
| 25 F | 0137 | 9.2 | 280 |
| | 0805 | 0.8 | 24 |
| | 1421 | 8.0 | 244 |
| | 2009 | 1.9 | 58 |
| 26 Sa | 0221 | 9.0 | 274 |
| | 0849 | 1.0 | 30 |
| | 1507 | 7.9 | 241 |
| | 2055 | 2.1 | 64 |
| 27 Su | 0308 | 8.8 | 268 |
| | 0937 | 1.2 | 37 |
| | 1556 | 7.8 | 238 |
| | 2147 | 2.1 | 64 |
| 28 M ◑ | 0401 | 8.7 | 265 |
| | 1029 | 1.2 | 37 |
| | 1649 | 7.9 | 241 |
| | 2244 | 2.0 | 61 |
| 29 Tu | 0457 | 8.7 | 265 |
| | 1123 | 1.2 | 37 |
| | 1743 | 8.2 | 250 |
| | 2343 | 1.8 | 55 |
| 30 W | 0556 | 8.8 | 268 |
| | 1217 | 1.0 | 30 |
| | 1836 | 8.7 | 265 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Th | 0043 | 1.3 | 40 |
| | 0654 | 9.0 | 274 |
| | 1309 | 0.7 | 21 |
| | 1927 | 9.3 | 283 |
| 2 F | 0139 | 0.6 | 18 |
| | 0750 | 9.3 | 283 |
| | 1400 | 0.3 | 9 |
| | 2016 | 10.0 | 305 |
| 3 Sa | 0233 | −0.1 | −3 |
| | 0845 | 9.7 | 296 |
| | 1449 | 0.0 | 0 |
| | 2104 | 10.7 | 326 |
| 4 Su | 0325 | −0.8 | −24 |
| | 0937 | 9.9 | 302 |
| | 1537 | −0.3 | −9 |
| | 2152 | 11.2 | 341 |
| 5 M ● | 0416 | −1.3 | −40 |
| | 1029 | 10.1 | 308 |
| | 1626 | −0.4 | −12 |
| | 2240 | 11.6 | 354 |
| 6 Tu | 0507 | −1.6 | −49 |
| | 1122 | 10.1 | 308 |
| | 1717 | −0.3 | −9 |
| | 2331 | 11.7 | 357 |
| 7 W | 0600 | −1.7 | −52 |
| | 1215 | 10.0 | 305 |
| | 1809 | −0.2 | −6 |
| 8 Th | 0024 | 11.6 | 354 |
| | 0654 | −1.5 | −46 |
| | 1311 | 9.8 | 299 |
| | 1904 | 0.1 | 3 |
| 9 F | 0119 | 11.2 | 341 |
| | 0751 | −1.1 | −34 |
| | 1410 | 9.5 | 290 |
| | 2003 | 0.5 | 15 |
| 10 Sa | 0219 | 10.7 | 326 |
| | 0850 | −0.6 | −18 |
| | 1511 | 9.2 | 280 |
| | 2106 | 0.8 | 24 |
| 11 Su ◐ | 0322 | 10.2 | 311 |
| | 0953 | −0.2 | −6 |
| | 1615 | 9.1 | 277 |
| | 2213 | 1.1 | 34 |
| 12 M | 0429 | 9.7 | 296 |
| | 1056 | 0.2 | 6 |
| | 1719 | 9.0 | 274 |
| | 2322 | 1.2 | 37 |
| 13 Tu | 0536 | 9.3 | 283 |
| | 1158 | 0.5 | 15 |
| | 1820 | 9.1 | 277 |
| 14 W | 0028 | 1.1 | 34 |
| | 0641 | 9.1 | 277 |
| | 1256 | 0.7 | 21 |
| | 1916 | 9.3 | 283 |
| 15 Th | 0129 | 0.9 | 27 |
| | 0741 | 8.9 | 271 |
| | 1349 | 0.9 | 27 |
| | 2007 | 9.5 | 290 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 F | 0224 | 0.7 | 21 |
| | 0835 | 8.9 | 271 |
| | 1436 | 1.0 | 30 |
| | 2052 | 9.6 | 293 |
| 17 Sa | 0312 | 0.4 | 12 |
| | 0923 | 8.8 | 268 |
| | 1519 | 1.1 | 34 |
| | 2133 | 9.8 | 299 |
| 18 Su | 0356 | 0.3 | 9 |
| | 1007 | 8.7 | 265 |
| | 1559 | 1.2 | 37 |
| | 2211 | 9.8 | 299 |
| 19 M ○ | 0436 | 0.2 | 6 |
| | 1048 | 8.7 | 265 |
| | 1636 | 1.4 | 43 |
| | 2246 | 9.8 | 299 |
| 20 Tu | 0514 | 0.2 | 6 |
| | 1126 | 8.6 | 262 |
| | 1711 | 1.5 | 46 |
| | 2321 | 9.8 | 299 |
| 21 W | 0550 | 0.3 | 9 |
| | 1203 | 8.5 | 259 |
| | 1747 | 1.6 | 49 |
| | 2357 | 9.7 | 296 |
| 22 Th | 0626 | 0.4 | 12 |
| | 1240 | 8.4 | 256 |
| | 1823 | 1.7 | 52 |
| 23 F | 0034 | 9.6 | 293 |
| | 0703 | 0.5 | 15 |
| | 1318 | 8.3 | 253 |
| | 1902 | 1.8 | 55 |
| 24 Sa | 0113 | 9.5 | 290 |
| | 0741 | 0.6 | 18 |
| | 1357 | 8.2 | 250 |
| | 1943 | 1.8 | 55 |
| 25 Su | 0154 | 9.3 | 283 |
| | 0822 | 0.7 | 21 |
| | 1439 | 8.2 | 250 |
| | 2028 | 1.8 | 55 |
| 26 M | 0239 | 9.2 | 280 |
| | 0905 | 0.8 | 24 |
| | 1524 | 8.3 | 253 |
| | 2117 | 1.8 | 55 |
| 27 Tu ◑ | 0328 | 9.1 | 277 |
| | 0951 | 0.8 | 24 |
| | 1611 | 8.6 | 262 |
| | 2211 | 1.6 | 49 |
| 28 W | 0421 | 9.0 | 274 |
| | 1041 | 0.8 | 24 |
| | 1701 | 8.9 | 271 |
| | 2308 | 1.4 | 43 |
| 29 Th | 0517 | 9.0 | 274 |
| | 1132 | 0.7 | 21 |
| | 1753 | 9.4 | 287 |
| 30 F | 0007 | 0.9 | 27 |
| | 0616 | 9.0 | 274 |
| | 1226 | 0.6 | 18 |
| | 1846 | 9.9 | 302 |
| 31 Sa | 0107 | 0.4 | 12 |
| | 0716 | 9.1 | 277 |
| | 1321 | 0.4 | 12 |
| | 1939 | 10.5 | 320 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Su | 0205 | −0.2 | −6 |
| | 0816 | 9.3 | 283 |
| | 1415 | 0.2 | 6 |
| | 2033 | 11.0 | 335 |
| 2 M | 0302 | −0.8 | −24 |
| | 0914 | 9.6 | 293 |
| | 1510 | 0.1 | 3 |
| | 2126 | 11.4 | 347 |
| 3 Tu ● | 0357 | −1.3 | −40 |
| | 1011 | 9.7 | 296 |
| | 1604 | −0.1 | −3 |
| | 2220 | 11.7 | 357 |
| 4 W | 0452 | −1.5 | −46 |
| | 1107 | 9.8 | 299 |
| | 1659 | −0.1 | −3 |
| | 2315 | 11.7 | 357 |
| 5 Th | 0546 | −1.5 | −46 |
| | 1203 | 9.8 | 299 |
| | 1754 | 0.0 | 0 |
| 6 F | 0010 | 11.6 | 354 |
| | 0641 | −1.4 | −43 |
| | 1259 | 9.8 | 299 |
| | 1851 | 0.2 | 6 |
| 7 Sa | 0107 | 11.2 | 341 |
| | 0737 | −1.1 | −34 |
| | 1356 | 9.7 | 296 |
| | 1950 | 0.4 | 12 |
| 8 Su | 0205 | 10.7 | 326 |
| | 0833 | −0.7 | −21 |
| | 1453 | 9.5 | 290 |
| | 2050 | 0.7 | 21 |
| 9 M | 0305 | 10.2 | 311 |
| | 0930 | −0.2 | −6 |
| | 1551 | 9.4 | 287 |
| | 2153 | 0.9 | 27 |
| 10 Tu ◐ | 0406 | 9.6 | 293 |
| | 1026 | 0.3 | 9 |
| | 1648 | 9.4 | 287 |
| | 2256 | 1.0 | 30 |
| 11 W | 0507 | 9.1 | 277 |
| | 1122 | 0.7 | 21 |
| | 1744 | 9.3 | 283 |
| | 2359 | 1.1 | 34 |
| 12 Th | 0609 | 8.7 | 265 |
| | 1217 | 1.1 | 34 |
| | 1838 | 9.3 | 283 |
| 13 F | 0059 | 1.0 | 30 |
| | 0708 | 8.4 | 256 |
| | 1309 | 1.3 | 40 |
| | 1929 | 9.4 | 287 |
| 14 Sa | 0154 | 0.9 | 27 |
| | 0804 | 8.3 | 253 |
| | 1359 | 1.5 | 46 |
| | 2016 | 9.4 | 287 |
| 15 Su | 0244 | 0.8 | 24 |
| | 0855 | 8.2 | 250 |
| | 1445 | 1.6 | 49 |
| | 2100 | 9.5 | 290 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 M | 0330 | 0.6 | 18 |
| | 0941 | 8.2 | 250 |
| | 1528 | 1.7 | 52 |
| | 2142 | 9.6 | 293 |
| 17 Tu | 0412 | 0.5 | 15 |
| | 1024 | 8.3 | 253 |
| | 1608 | 1.7 | 52 |
| | 2221 | 9.7 | 296 |
| 18 W ○ | 0451 | 0.4 | 12 |
| | 1103 | 8.3 | 253 |
| | 1646 | 1.7 | 52 |
| | 2258 | 9.7 | 296 |
| 19 Th | 0528 | 0.4 | 12 |
| | 1141 | 8.3 | 253 |
| | 1723 | 1.6 | 49 |
| | 2335 | 9.7 | 296 |
| 20 F | 0604 | 0.4 | 12 |
| | 1218 | 8.4 | 256 |
| | 1801 | 1.6 | 49 |
| 21 Sa | 0012 | 9.7 | 296 |
| | 0640 | 0.4 | 12 |
| | 1254 | 8.4 | 256 |
| | 1839 | 1.5 | 46 |
| 22 Su | 0051 | 9.7 | 296 |
| | 0716 | 0.4 | 12 |
| | 1331 | 8.5 | 259 |
| | 1920 | 1.5 | 46 |
| 23 M | 0131 | 9.6 | 293 |
| | 0754 | 0.4 | 12 |
| | 1410 | 8.7 | 265 |
| | 2003 | 1.4 | 43 |
| 24 Tu | 0213 | 9.5 | 290 |
| | 0834 | 0.4 | 12 |
| | 1452 | 8.9 | 271 |
| | 2051 | 1.2 | 37 |
| 25 W | 0300 | 9.3 | 283 |
| | 0917 | 0.4 | 12 |
| | 1536 | 9.2 | 280 |
| | 2142 | 1.1 | 34 |
| 26 Th ◑ | 0351 | 9.2 | 280 |
| | 1005 | 0.4 | 12 |
| | 1625 | 9.5 | 290 |
| | 2238 | 0.9 | 27 |
| 27 F | 0446 | 9.0 | 274 |
| | 1056 | 0.5 | 15 |
| | 1717 | 9.9 | 302 |
| | 2338 | 0.6 | 18 |
| 28 Sa | 0547 | 8.9 | 271 |
| | 1151 | 0.6 | 18 |
| | 1813 | 10.2 | 311 |
| 29 Su | 0041 | 0.2 | 6 |
| | 0650 | 8.8 | 268 |
| | 1250 | 0.6 | 18 |
| | 1911 | 10.6 | 323 |
| 30 M | 0143 | −0.2 | −6 |
| | 0755 | 8.9 | 271 |
| | 1350 | 0.5 | 15 |
| | 2010 | 11.0 | 335 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Portland, Maine, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0245 | −0.7 | −21 |
| | 0857 | 9.1 | 277 |
| | 1450 | 0.3 | 9 |
| | 2109 | 11.3 | 344 |
| **2** W ● | 0343 | −1.0 | −30 |
| | 0957 | 9.4 | 287 |
| | 1548 | 0.1 | 3 |
| | 2207 | 11.5 | 351 |
| **3** Th | 0439 | −1.3 | −40 |
| | 1054 | 9.6 | 293 |
| | 1645 | 0.0 | 0 |
| | 2303 | 11.5 | 351 |
| **4** F | 0533 | −1.3 | −40 |
| | 1149 | 9.8 | 299 |
| | 1741 | −0.1 | −3 |
| | 2358 | 11.4 | 347 |
| **5** Sa | 0626 | −1.2 | −37 |
| | 1242 | 9.8 | 299 |
| | 1837 | 0.0 | 0 |
| **6** Su | 0053 | 11.1 | 338 |
| | 0717 | −1.0 | −30 |
| | 1335 | 9.8 | 299 |
| | 1932 | 0.2 | 6 |
| **7** M | 0147 | 10.6 | 323 |
| | 0808 | −0.6 | −18 |
| | 1427 | 9.7 | 296 |
| | 2028 | 0.4 | 12 |
| **8** Tu | 0241 | 10.0 | 305 |
| | 0859 | −0.1 | −3 |
| | 1518 | 9.6 | 293 |
| | 2125 | 0.7 | 21 |
| **9** W ◐ | 0336 | 9.4 | 287 |
| | 0949 | 0.4 | 12 |
| | 1610 | 9.4 | 287 |
| | 2223 | 1.0 | 30 |
| **10** Th | 0432 | 8.8 | 268 |
| | 1040 | 1.0 | 30 |
| | 1701 | 9.3 | 283 |
| | 2322 | 1.1 | 34 |
| **11** F | 0530 | 8.3 | 253 |
| | 1133 | 1.4 | 43 |
| | 1754 | 9.1 | 277 |
| **12** Sa | 0021 | 1.2 | 37 |
| | 0630 | 8.0 | 244 |
| | 1226 | 1.7 | 52 |
| | 1846 | 9.1 | 277 |
| **13** Su | 0118 | 1.2 | 37 |
| | 0728 | 7.8 | 238 |
| | 1319 | 1.9 | 58 |
| | 1938 | 9.1 | 277 |
| **14** M | 0212 | 1.1 | 34 |
| | 0822 | 7.8 | 238 |
| | 1410 | 2.0 | 61 |
| | 2027 | 9.2 | 280 |
| **15** Tu | 0301 | 0.9 | 27 |
| | 0912 | 7.9 | 241 |
| | 1457 | 1.9 | 58 |
| | 2113 | 9.4 | 287 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0346 | 0.7 | 21 |
| | 0956 | 8.0 | 244 |
| | 1540 | 1.7 | 52 |
| | 2155 | 9.5 | 290 |
| **17** Th | 0426 | 0.6 | 18 |
| | 1037 | 8.2 | 250 |
| | 1620 | 1.5 | 46 |
| | 2235 | 9.7 | 296 |
| **18** F ○ | 0503 | 0.4 | 12 |
| | 1114 | 8.4 | 256 |
| | 1659 | 1.4 | 43 |
| | 2312 | 9.8 | 299 |
| **19** Sa | 0538 | 0.3 | 9 |
| | 1150 | 8.6 | 262 |
| | 1737 | 1.2 | 37 |
| | 2349 | 9.9 | 302 |
| **20** Su | 0612 | 0.1 | 3 |
| | 1225 | 8.8 | 268 |
| | 1815 | 1.0 | 30 |
| **21** M | 0027 | 9.9 | 302 |
| | 0647 | 0.1 | 3 |
| | 1301 | 9.0 | 274 |
| | 1856 | 0.8 | 24 |
| **22** Tu | 0107 | 9.8 | 299 |
| | 0724 | 0.0 | 0 |
| | 1339 | 9.3 | 283 |
| | 1939 | 0.7 | 21 |
| **23** W | 0149 | 9.7 | 296 |
| | 0804 | 0.0 | 0 |
| | 1419 | 9.6 | 293 |
| | 2026 | 0.6 | 18 |
| **24** Th | 0236 | 9.5 | 290 |
| | 0847 | 0.2 | 6 |
| | 1504 | 9.8 | 299 |
| | 2118 | 0.5 | 15 |
| **25** F ◑ | 0327 | 9.2 | 280 |
| | 0935 | 0.3 | 9 |
| | 1554 | 9.9 | 302 |
| | 2215 | 0.4 | 12 |
| **26** Sa | 0423 | 8.9 | 271 |
| | 1028 | 0.6 | 18 |
| | 1649 | 10.1 | 308 |
| | 2316 | 0.3 | 9 |
| **27** Su | 0526 | 8.6 | 262 |
| | 1127 | 0.8 | 24 |
| | 1749 | 10.2 | 311 |
| **28** M | 0022 | 0.2 | 6 |
| | 0634 | 8.5 | 259 |
| | 1230 | 0.8 | 24 |
| | 1853 | 10.4 | 317 |
| **29** Tu | 0129 | −0.1 | −3 |
| | 0742 | 8.6 | 262 |
| | 1335 | 0.7 | 21 |
| | 1957 | 10.6 | 323 |
| **30** W | 0233 | −0.4 | −12 |
| | 0847 | 8.9 | 271 |
| | 1439 | 0.5 | 15 |
| | 2100 | 10.9 | 332 |
| **31** Th | 0332 | −0.7 | −21 |
| | 0946 | 9.2 | 280 |
| | 1539 | 0.2 | 6 |
| | 2158 | 11.1 | 338 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0427 | −1.0 | −30 |
| | 1041 | 9.6 | 293 |
| | 1635 | −0.1 | −3 |
| | 2253 | 11.2 | 341 |
| **2** Sa | 0517 | −1.1 | −34 |
| | 1131 | 9.8 | 299 |
| | 1728 | −0.2 | −6 |
| | 2344 | 11.0 | 335 |
| **3** Su | 0606 | −1.0 | −30 |
| | 1220 | 10.0 | 305 |
| | 1820 | −0.2 | −6 |
| **4** M | 0034 | 10.7 | 326 |
| | 0652 | −0.7 | −21 |
| | 1307 | 10.0 | 305 |
| | 1910 | 0.0 | 0 |
| **5** Tu | 0123 | 10.2 | 311 |
| | 0737 | −0.3 | −9 |
| | 1353 | 9.8 | 299 |
| | 2000 | 0.2 | 6 |
| **6** W | 0212 | 9.6 | 293 |
| | 0822 | 0.2 | 6 |
| | 1438 | 9.6 | 293 |
| | 2051 | 0.6 | 18 |
| **7** Th | 0302 | 9.0 | 274 |
| | 0908 | 0.8 | 24 |
| | 1525 | 9.3 | 283 |
| | 2144 | 0.9 | 27 |
| **8** F ◐ | 0354 | 8.4 | 256 |
| | 0956 | 1.3 | 40 |
| | 1614 | 9.1 | 277 |
| | 2240 | 1.2 | 37 |
| **9** Sa | 0449 | 8.0 | 244 |
| | 1047 | 1.8 | 55 |
| | 1706 | 8.8 | 268 |
| | 2338 | 1.4 | 43 |
| **10** Su | 0548 | 7.6 | 232 |
| | 1142 | 2.1 | 64 |
| | 1802 | 8.7 | 265 |
| **11** M | 0038 | 1.5 | 46 |
| | 0649 | 7.5 | 229 |
| | 1239 | 2.2 | 67 |
| | 1858 | 8.7 | 265 |
| **12** Tu | 0135 | 1.4 | 43 |
| | 0746 | 7.5 | 229 |
| | 1334 | 2.1 | 64 |
| | 1952 | 8.9 | 271 |
| **13** W | 0227 | 1.2 | 37 |
| | 0837 | 7.7 | 235 |
| | 1425 | 1.9 | 58 |
| | 2042 | 9.2 | 280 |
| **14** Th | 0312 | 0.9 | 27 |
| | 0922 | 8.0 | 244 |
| | 1510 | 1.6 | 49 |
| | 2126 | 9.5 | 290 |
| **15** F | 0353 | 0.6 | 18 |
| | 1003 | 8.4 | 256 |
| | 1552 | 1.2 | 37 |
| | 2207 | 9.7 | 296 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0429 | 0.3 | 9 |
| | 1040 | 8.7 | 265 |
| | 1631 | 0.9 | 27 |
| | 2245 | 9.9 | 302 |
| **17** Su | 0504 | 0.1 | 3 |
| | 1115 | 9.1 | 277 |
| | 1710 | 0.6 | 18 |
| | 2323 | 10.0 | 305 |
| **18** M | 0539 | −0.1 | −3 |
| | 1150 | 9.4 | 287 |
| | 1750 | 0.3 | 9 |
| **19** Tu | 0002 | 10.1 | 308 |
| | 0615 | −0.2 | −6 |
| | 1227 | 9.7 | 296 |
| | 1832 | 0.1 | 3 |
| **20** W | 0043 | 10.0 | 305 |
| | 0653 | −0.2 | −6 |
| | 1306 | 10.0 | 305 |
| | 1916 | 0.0 | 0 |
| **21** Th | 0127 | 9.8 | 299 |
| | 0735 | −0.1 | −3 |
| | 1349 | 10.2 | 311 |
| | 2005 | −0.1 | −3 |
| **22** F | 0215 | 9.4 | 287 |
| | 0820 | 0.2 | 6 |
| | 1436 | 10.2 | 311 |
| | 2058 | 0.0 | 0 |
| **23** Sa ◑ | 0309 | 9.1 | 277 |
| | 0911 | 0.5 | 15 |
| | 1529 | 10.2 | 311 |
| | 2157 | 0.1 | 3 |
| **24** Su | 0409 | 8.7 | 265 |
| | 1008 | 0.8 | 24 |
| | 1629 | 10.1 | 308 |
| | 2302 | 0.3 | 9 |
| **25** M | 0515 | 8.4 | 256 |
| | 1112 | 1.0 | 30 |
| | 1735 | 10.0 | 305 |
| **26** Tu | 0011 | 0.3 | 9 |
| | 0626 | 8.4 | 256 |
| | 1221 | 1.0 | 30 |
| | 1844 | 10.1 | 308 |
| **27** W | 0120 | 0.1 | 3 |
| | 0736 | 8.6 | 262 |
| | 1330 | 0.8 | 24 |
| | 1952 | 10.3 | 314 |
| **28** Th | 0223 | −0.2 | −6 |
| | 0838 | 9.0 | 274 |
| | 1434 | 0.5 | 15 |
| | 2054 | 10.5 | 320 |
| **29** F | 0320 | −0.4 | −12 |
| | 0934 | 9.4 | 287 |
| | 1531 | 0.1 | 3 |
| | 2149 | 10.7 | 326 |
| **30** Sa ● | 0410 | −0.6 | −18 |
| | 1024 | 9.8 | 299 |
| | 1624 | −0.2 | −6 |
| | 2240 | 10.7 | 326 |
| **31** Su | 0457 | −0.7 | −21 |
| | 1110 | 10.0 | 305 |
| | 1713 | −0.3 | −9 |
| | 2328 | 10.5 | 320 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0540 | −0.5 | −15 |
| | 1153 | 10.1 | 308 |
| | 1800 | −0.3 | −9 |
| **2** Tu | 0013 | 10.2 | 311 |
| | 0622 | −0.2 | −6 |
| | 1234 | 10.0 | 305 |
| | 1845 | −0.1 | −3 |
| **3** W | 0057 | 9.8 | 299 |
| | 0703 | 0.2 | 6 |
| | 1315 | 9.8 | 299 |
| | 1930 | 0.2 | 6 |
| **4** Th | 0141 | 9.2 | 280 |
| | 0744 | 0.7 | 21 |
| | 1356 | 9.5 | 290 |
| | 2015 | 0.5 | 15 |
| **5** F | 0227 | 8.7 | 265 |
| | 0826 | 1.2 | 37 |
| | 1439 | 9.2 | 280 |
| | 2103 | 0.9 | 27 |
| **6** Sa | 0316 | 8.2 | 250 |
| | 0911 | 1.7 | 52 |
| | 1526 | 8.9 | 271 |
| | 2155 | 1.3 | 40 |
| **7** Su ◐ | 0409 | 7.8 | 238 |
| | 1002 | 2.1 | 64 |
| | 1619 | 8.6 | 262 |
| | 2253 | 1.6 | 49 |
| **8** M | 0506 | 7.5 | 229 |
| | 1058 | 2.3 | 70 |
| | 1716 | 8.5 | 259 |
| | 2353 | 1.7 | 52 |
| **9** Tu | 0607 | 7.4 | 226 |
| | 1157 | 2.3 | 70 |
| | 1816 | 8.5 | 259 |
| **10** W | 0052 | 1.6 | 49 |
| | 0705 | 7.5 | 229 |
| | 1256 | 2.2 | 67 |
| | 1913 | 8.7 | 265 |
| **11** Th | 0145 | 1.3 | 40 |
| | 0757 | 7.8 | 238 |
| | 1349 | 1.8 | 55 |
| | 2005 | 9.0 | 274 |
| **12** F | 0231 | 1.0 | 30 |
| | 0842 | 8.3 | 253 |
| | 1436 | 1.4 | 43 |
| | 2051 | 9.4 | 287 |
| **13** Sa | 0312 | 0.6 | 18 |
| | 0923 | 8.7 | 265 |
| | 1520 | 0.9 | 27 |
| | 2134 | 9.7 | 296 |
| **14** Su | 0349 | 0.3 | 9 |
| | 1000 | 9.2 | 280 |
| | 1601 | 0.4 | 12 |
| | 2214 | 10.0 | 305 |
| **15** M ○ | 0426 | 0.0 | 0 |
| | 1037 | 9.7 | 296 |
| | 1642 | −0.1 | −3 |
| | 2255 | 10.1 | 308 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0503 | −0.2 | −6 |
| | 1114 | 10.2 | 311 |
| | 1724 | −0.4 | −12 |
| | 2337 | 10.2 | 311 |
| **17** W | 0542 | −0.3 | −9 |
| | 1154 | 10.5 | 320 |
| | 1808 | −0.7 | −21 |
| **18** Th | 0021 | 10.0 | 305 |
| | 0624 | −0.2 | −6 |
| | 1236 | 10.7 | 326 |
| | 1855 | −0.7 | −21 |
| **19** F | 0108 | 9.8 | 299 |
| | 0709 | 0.0 | 0 |
| | 1323 | 10.7 | 326 |
| | 1946 | −0.6 | −18 |
| **20** Sa | 0200 | 9.4 | 287 |
| | 0759 | 0.3 | 9 |
| | 1414 | 10.5 | 320 |
| | 2042 | −0.3 | −9 |
| **21** Su | 0257 | 9.0 | 274 |
| | 0854 | 0.7 | 21 |
| | 1512 | 10.2 | 311 |
| | 2144 | 0.0 | 0 |
| **22** M ◑ | 0401 | 8.6 | 262 |
| | 0957 | 1.0 | 30 |
| | 1617 | 10.0 | 305 |
| | 2252 | 0.3 | 9 |
| **23** Tu | 0511 | 8.5 | 259 |
| | 1106 | 1.2 | 37 |
| | 1728 | 9.8 | 299 |
| **24** W | 0003 | 0.3 | 9 |
| | 0622 | 8.5 | 259 |
| | 1218 | 1.1 | 34 |
| | 1840 | 9.8 | 299 |
| **25** Th | 0110 | 0.2 | 6 |
| | 0728 | 8.8 | 268 |
| | 1327 | 0.8 | 24 |
| | 1946 | 9.9 | 302 |
| **26** F | 0210 | 0.1 | 3 |
| | 0826 | 9.3 | 283 |
| | 1428 | 0.4 | 12 |
| | 2045 | 10.1 | 308 |
| **27** Sa | 0303 | −0.1 | −3 |
| | 0917 | 9.7 | 296 |
| | 1522 | 0.0 | 0 |
| | 2138 | 10.2 | 311 |
| **28** Su | 0350 | −0.2 | −6 |
| | 1003 | 10.0 | 305 |
| | 1611 | −0.2 | −6 |
| | 2225 | 10.1 | 308 |
| **29** M ● | 0433 | −0.1 | −3 |
| | 1045 | 10.1 | 308 |
| | 1656 | −0.3 | −9 |
| | 2309 | 9.9 | 302 |
| **30** Tu | 0513 | 0.1 | 3 |
| | 1124 | 10.1 | 308 |
| | 1738 | −0.3 | −9 |
| | 2351 | 9.6 | 293 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Portland, Maine, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** W | 0551 | 0.4 | 12 | **16** Th | 0513 | −0.3 | −9 |
| | 1201 | 10.0 | 305 | | 1125 | 11.2 | 341 |
| | 1819 | −0.1 | −3 | | 1748 | −1.2 | −37 |
| **2** Th | 0031 | 9.3 | 283 | **17** F | 0001 | 10.0 | 305 |
| | 0629 | 0.8 | 24 | | 0559 | −0.2 | −6 |
| | 1238 | 9.8 | 299 | | 1212 | 11.2 | 341 |
| | 1900 | 0.2 | 6 | | 1838 | −1.2 | −37 |
| **3** F | 0112 | 8.9 | 271 | **18** Sa | 0052 | 9.7 | 296 |
| | 0707 | 1.2 | 37 | | 0648 | 0.1 | 3 |
| | 1317 | 9.5 | 290 | | 1303 | 11.1 | 338 |
| | 1941 | 0.5 | 15 | | 1931 | −0.9 | −27 |
| **4** Sa | 0155 | 8.4 | 256 | **19** Su | 0147 | 9.4 | 287 |
| | 0747 | 1.6 | 49 | | 0742 | 0.4 | 12 |
| | 1358 | 9.2 | 280 | | 1358 | 10.7 | 326 |
| | 2026 | 0.9 | 27 | | 2030 | −0.6 | −18 |
| **5** Su | 0240 | 8.0 | 244 | **20** M | 0248 | 9.1 | 277 |
| | 0831 | 1.9 | 58 | | 0842 | 0.8 | 24 |
| | 1444 | 8.9 | 271 | | 1500 | 10.3 | 314 |
| | 2114 | 1.3 | 40 | | 2133 | −0.2 | −6 |
| **6** M | 0330 | 7.7 | 235 | **21** Tu ◑ | 0353 | 8.8 | 268 |
| | 0920 | 2.2 | 67 | | 0949 | 1.0 | 30 |
| | 1535 | 8.6 | 262 | | 1608 | 9.9 | 302 |
| | 2208 | 1.5 | 46 | | 2241 | 0.2 | 6 |
| **7** Tu ◐ | 0425 | 7.6 | 232 | **22** W | 0502 | 8.7 | 265 |
| | 1015 | 2.3 | 70 | | 1100 | 1.2 | 37 |
| | 1632 | 8.5 | 259 | | 1720 | 9.6 | 293 |
| | 2305 | 1.6 | 49 | | 2349 | 0.3 | 9 |
| **8** W | 0523 | 7.5 | 229 | **23** Th | 0610 | 8.9 | 271 |
| | 1114 | 2.3 | 70 | | 1212 | 1.0 | 30 |
| | 1731 | 8.4 | 256 | | 1830 | 9.5 | 290 |
| **9** Th | 0002 | 1.6 | 49 | **24** F | 0052 | 0.4 | 12 |
| | 0619 | 7.7 | 235 | | 0712 | 9.2 | 280 |
| | 1213 | 2.1 | 64 | | 1318 | 0.7 | 21 |
| | 1829 | 8.6 | 262 | | 1934 | 9.5 | 290 |
| **10** F | 0055 | 1.4 | 43 | **25** Sa | 0149 | 0.3 | 9 |
| | 0710 | 8.1 | 247 | | 0807 | 9.5 | 290 |
| | 1309 | 1.7 | 52 | | 1416 | 0.4 | 12 |
| | 1923 | 8.9 | 271 | | 2031 | 9.6 | 293 |
| **11** Sa | 0142 | 1.0 | 30 | **26** Su | 0240 | 0.3 | 9 |
| | 0756 | 8.6 | 262 | | 0856 | 9.8 | 299 |
| | 1359 | 1.2 | 37 | | 1508 | 0.1 | 3 |
| | 2012 | 9.2 | 280 | | 2122 | 9.6 | 293 |
| **12** Su | 0225 | 0.6 | 18 | **27** M | 0326 | 0.4 | 12 |
| | 0839 | 9.2 | 280 | | 0940 | 10.0 | 305 |
| | 1446 | 0.5 | 15 | | 1555 | −0.2 | −6 |
| | 2058 | 9.6 | 293 | | 2208 | 9.5 | 290 |
| **13** M | 0307 | 0.3 | 9 | **28** Tu ● | 0407 | 0.5 | 15 |
| | 0919 | 9.9 | 302 | | 1019 | 10.1 | 308 |
| | 1531 | −0.1 | −3 | | 1638 | −0.2 | −6 |
| | 2143 | 9.9 | 302 | | 2250 | 9.3 | 283 |
| **14** Tu ○ | 0348 | 0.0 | 0 | **29** W | 0446 | 0.7 | 21 |
| | 1000 | 10.4 | 317 | | 1056 | 10.1 | 308 |
| | 1615 | −0.6 | −18 | | 1718 | −0.2 | −6 |
| | 2227 | 10.1 | 308 | | 2330 | 9.1 | 277 |
| **15** W | 0429 | −0.2 | −6 | **30** Th | 0522 | 0.9 | 27 |
| | 1041 | 10.9 | 332 | | 1132 | 9.9 | 302 |
| | 1700 | −1.0 | −30 | | 1756 | 0.0 | 0 |
| | 2313 | 10.1 | 308 | **31** F | 0009 | 8.8 | 268 |
| | | | | | 0559 | 1.2 | 37 |
| | | | | | 1207 | 9.7 | 296 |
| | | | | | 1834 | 0.2 | 6 |

## November

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Sa | 0047 | 8.5 | 259 | **16** Su | 0039 | 9.7 | 296 |
| | 0636 | 1.5 | 46 | | 0633 | 0.0 | 0 |
| | 1245 | 9.5 | 290 | | 1248 | 11.3 | 344 |
| | 1913 | 0.5 | 15 | | 1919 | −1.2 | −37 |
| **2** Su | 0127 | 8.3 | 253 | **17** M | 0136 | 9.5 | 290 |
| | 0715 | 1.7 | 52 | | 0730 | 0.3 | 9 |
| | 1325 | 9.2 | 280 | | 1346 | 10.9 | 332 |
| | 1954 | 0.8 | 24 | | 2017 | −0.8 | −24 |
| **3** M | 0210 | 8.0 | 244 | **18** Tu | 0236 | 9.3 | 283 |
| | 0757 | 1.9 | 58 | | 0831 | 0.6 | 18 |
| | 1409 | 9.0 | 274 | | 1448 | 10.4 | 317 |
| | 2038 | 1.1 | 34 | | 2118 | −0.4 | −12 |
| **4** Tu | 0256 | 7.8 | 238 | **19** W | 0339 | 9.1 | 277 |
| | 0844 | 2.1 | 64 | | 0937 | 0.8 | 24 |
| | 1457 | 8.7 | 265 | | 1555 | 9.9 | 302 |
| | 2126 | 1.3 | 40 | ◑ | 2221 | 0.0 | 0 |
| **5** W ◐ | 0345 | 7.8 | 238 | **20** Th | 0444 | 9.1 | 277 |
| | 0936 | 2.2 | 67 | | 1047 | 0.9 | 27 |
| | 1549 | 8.6 | 262 | | 1703 | 9.4 | 287 |
| | 2217 | 1.4 | 43 | | 2325 | 0.3 | 9 |
| **6** Th | 0437 | 7.8 | 238 | **21** F | 0547 | 9.2 | 280 |
| | 1031 | 2.1 | 64 | | 1156 | 0.9 | 27 |
| | 1644 | 8.5 | 259 | | 1810 | 9.1 | 277 |
| | 2309 | 1.3 | 40 | | | | |
| **7** F | 0529 | 8.1 | 247 | **22** Sa | 0025 | 0.5 | 15 |
| | 1129 | 1.9 | 58 | | 0647 | 9.4 | 287 |
| | 1741 | 8.6 | 262 | | 1300 | 0.7 | 21 |
| | | | | | 1914 | 9.0 | 274 |
| **8** Sa | 0000 | 1.2 | 37 | **23** Su | 0122 | 0.7 | 21 |
| | 0620 | 8.5 | 259 | | 0741 | 9.6 | 293 |
| | 1226 | 1.5 | 46 | | 1359 | 0.4 | 12 |
| | 1837 | 8.7 | 265 | | 2011 | 8.9 | 271 |
| **9** Su | 0050 | 0.9 | 27 | **24** M | 0213 | 0.8 | 24 |
| | 0708 | 9.1 | 277 | | 0830 | 9.7 | 296 |
| | 1320 | 0.9 | 27 | | 1450 | 0.2 | 6 |
| | 1931 | 9.0 | 274 | | 2103 | 8.8 | 268 |
| **10** M | 0138 | 0.6 | 18 | **25** Tu | 0259 | 0.9 | 27 |
| | 0755 | 9.7 | 296 | | 0914 | 9.8 | 299 |
| | 1412 | 0.2 | 6 | | 1537 | 0.0 | 0 |
| | 2023 | 9.3 | 283 | | 2150 | 8.8 | 268 |
| **11** Tu | 0226 | 0.3 | 9 | **26** W | 0342 | 1.0 | 30 |
| | 0841 | 10.3 | 314 | | 0954 | 9.9 | 302 |
| | 1502 | −0.5 | −15 | | 1619 | 0.0 | 0 |
| | 2113 | 9.6 | 293 | | 2232 | 8.7 | 265 |
| **12** W | 0313 | 0.0 | 0 | **27** Th ● | 0421 | 1.1 | 34 |
| | 0926 | 10.9 | 332 | | 1032 | 9.8 | 299 |
| | 1551 | −1.0 | −30 | | 1659 | 0.0 | 0 |
| | 2203 | 9.8 | 299 | | 2311 | 8.6 | 262 |
| **13** Th ○ | 0400 | −0.2 | −6 | **28** F | 0458 | 1.3 | 40 |
| | 1013 | 11.3 | 344 | | 1108 | 9.8 | 299 |
| | 1640 | −1.4 | −43 | | 1736 | 0.1 | 3 |
| | 2254 | 9.9 | 302 | | 2349 | 8.5 | 259 |
| **14** F | 0449 | −0.3 | −9 | **29** Sa | 0534 | 1.4 | 43 |
| | 1102 | 11.6 | 354 | | 1144 | 9.6 | 293 |
| | 1731 | −1.6 | −49 | | 1812 | 0.2 | 6 |
| | 2345 | 9.9 | 302 | | | | |
| **15** Sa | 0539 | −0.2 | −6 | **30** Su | 0026 | 8.4 | 256 |
| | 1153 | 11.5 | 351 | | 0611 | 1.5 | 46 |
| | 1823 | −1.5 | −46 | | 1221 | 9.5 | 290 |
| | | | | | 1849 | 0.4 | 12 |

## December

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0103 | 8.2 | 250 | **16** Tu | 0121 | 9.7 | 296 |
| | 0649 | 1.6 | 49 | | 0717 | −0.1 | −3 |
| | 1259 | 9.3 | 283 | | 1333 | 10.9 | 332 |
| | 1927 | 0.6 | 18 | | 2000 | −1.1 | −34 |
| **2** Tu | 0142 | 8.1 | 247 | **17** W | 0218 | 9.6 | 293 |
| | 0729 | 1.7 | 52 | | 0816 | 0.1 | 3 |
| | 1340 | 9.1 | 277 | | 1432 | 10.3 | 314 |
| | 2006 | 0.7 | 21 | | 2056 | −0.6 | −18 |
| **3** W | 0223 | 8.1 | 247 | **18** Th | 0316 | 9.5 | 290 |
| | 0812 | 1.8 | 55 | | 0919 | 0.4 | 12 |
| | 1424 | 8.9 | 271 | | 1534 | 9.7 | 296 |
| | 2048 | 0.8 | 24 | | 2153 | −0.1 | −3 |
| **4** Th | 0306 | 8.1 | 247 | **19** F | 0415 | 9.3 | 283 |
| | 0900 | 1.8 | 55 | | 1024 | 0.7 | 21 |
| | 1510 | 8.8 | 268 | | 1637 | 9.1 | 277 |
| | 2132 | 0.9 | 27 | ◑ | 2252 | 0.4 | 12 |
| **5** F ◐ | 0352 | 8.3 | 253 | **20** Sa | 0514 | 9.3 | 283 |
| | 0951 | 1.7 | 52 | | 1130 | 0.8 | 24 |
| | 1601 | 8.6 | 262 | | 1742 | 8.6 | 262 |
| | 2219 | 0.9 | 27 | | 2350 | 0.8 | 24 |
| **6** Sa | 0440 | 8.5 | 259 | **21** Su | 0612 | 9.2 | 280 |
| | 1047 | 1.5 | 46 | | 1234 | 0.8 | 24 |
| | 1656 | 8.5 | 259 | | 1846 | 8.3 | 253 |
| | 2309 | 0.9 | 27 | | | | |
| **7** Su | 0530 | 8.9 | 271 | **22** M | 0048 | 1.1 | 34 |
| | 1145 | 1.1 | 34 | | 0708 | 9.2 | 280 |
| | 1754 | 8.5 | 259 | | 1334 | 0.6 | 18 |
| | | | | | 1946 | 8.2 | 250 |
| **8** M | 0002 | 0.8 | 24 | **23** Tu | 0142 | 1.3 | 40 |
| | 0622 | 9.4 | 287 | | 0800 | 9.3 | 283 |
| | 1243 | 0.6 | 18 | | 1428 | 0.5 | 15 |
| | 1853 | 8.7 | 265 | | 2041 | 8.2 | 250 |
| **9** Tu | 0056 | 0.6 | 18 | **24** W | 0232 | 1.4 | 43 |
| | 0715 | 10.0 | 305 | | 0847 | 9.4 | 287 |
| | 1341 | 0.0 | 0 | | 1517 | 0.3 | 9 |
| | 1951 | 8.9 | 271 | | 2129 | 8.2 | 250 |
| **10** W | 0150 | 0.4 | 12 | **25** Th | 0317 | 1.4 | 43 |
| | 0807 | 10.5 | 320 | | 0931 | 9.5 | 290 |
| | 1436 | −0.6 | −18 | | 1600 | 0.2 | 6 |
| | 2048 | 9.2 | 280 | | 2212 | 8.2 | 250 |
| **11** Th | 0244 | 0.1 | 3 | **26** F | 0359 | 1.4 | 43 |
| | 0900 | 11.0 | 335 | | 1011 | 9.5 | 290 |
| | 1531 | −1.2 | −37 | | 1640 | 0.1 | 3 |
| | 2144 | 9.5 | 290 | | 2252 | 8.3 | 253 |
| **12** F | 0337 | −0.1 | −3 | **27** Sa | 0437 | 1.3 | 40 |
| | 0953 | 11.4 | 347 | | 1049 | 9.6 | 293 |
| | 1624 | −1.6 | −49 | | 1717 | 0.1 | 3 |
| ○ | 2238 | 9.7 | 296 | ● | 2329 | 8.3 | 253 |
| **13** Sa | 0430 | −0.3 | −9 | **28** Su | 0514 | 1.3 | 40 |
| | 1046 | 11.6 | 354 | | 1125 | 9.6 | 293 |
| | 1717 | −1.7 | −52 | | 1752 | 0.1 | 3 |
| | 2332 | 9.8 | 299 | | | | |
| **14** Su | 0524 | −0.4 | −12 | **29** M | 0004 | 8.4 | 256 |
| | 1140 | 11.6 | 354 | | 0550 | 1.2 | 37 |
| | 1810 | −1.7 | −52 | | 1201 | 9.6 | 293 |
| | | | | | 1826 | 0.2 | 6 |
| **15** M | 0026 | 9.8 | 299 | **30** Tu | 0038 | 8.4 | 256 |
| | 0620 | −0.3 | −9 | | 0626 | 1.2 | 37 |
| | 1236 | 11.4 | 347 | | 1237 | 9.5 | 290 |
| | 1904 | −1.4 | −43 | | 1900 | 0.2 | 6 |
| | | | | **31** W | 0113 | 8.4 | 256 |
| | | | | | 0704 | 1.2 | 37 |
| | | | | | 1314 | 9.4 | 287 |
| | | | | | 1935 | 0.3 | 9 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Boston, Massachusetts, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Tu | 0527 | 9.1 277 | **16** W | 0441 | 10.1 308 |
| | 1143 | 1.4 43 | | 1106 | 0.2 6 |
| | 1755 | 8.2 250 | | 1714 | 9.0 274 |
| | 2357 | 1.6 49 | | 2322 | 0.5 15 |
| **2** W | 0619 | 9.0 274 | **17** Th | 0539 | 10.3 314 |
| | 1242 | 1.4 43 | | 1209 | 0.1 3 |
| | 1853 | 8.0 244 | | 1818 | 8.8 268 |
| **3** Th | 0049 | 1.8 55 | **18** F | 0023 | 0.7 21 |
| | 0710 | 9.1 277 | | 0640 | 10.4 317 |
| | 1337 | 1.2 37 | | 1313 | −0.1 −3 |
| | 1949 | 7.9 241 | | 1925 | 8.7 265 |
| **4** F | 0141 | 1.9 58 | **19** Sa | 0125 | 0.6 18 |
| | 0800 | 9.2 280 | | 0742 | 10.7 326 |
| | 1429 | 1.0 30 | | 1416 | −0.4 −12 |
| | 2042 | 8.0 244 | | 2030 | 8.9 271 |
| **5** Sa | 0229 | 1.8 55 | **20** Su | 0226 | 0.5 15 |
| | 0848 | 9.5 290 | | 0844 | 10.9 332 |
| | 1516 | 0.7 21 | | 1516 | −0.8 −24 |
| | 2130 | 8.2 250 | | 2130 | 9.2 280 |
| **6** Su | 0315 | 1.6 49 | **21** M | 0324 | 0.2 6 |
| | 0933 | 9.7 296 | | 0942 | 11.2 341 |
| | 1559 | 0.5 15 | | 1611 | −1.1 −34 |
| | 2214 | 8.4 256 | | 2226 | 9.5 290 |
| **7** M | 0359 | 1.4 43 | **22** Tu ○ | 0419 | −0.1 −3 |
| | 1015 | 10.0 305 | | 1037 | 11.3 344 |
| | 1640 | 0.2 6 | | 1702 | −1.2 −37 |
| | 2255 | 8.6 262 | | 2318 | 9.8 299 |
| **8** Tu ● | 0442 | 1.1 34 | **23** W | 0511 | −0.2 −6 |
| | 1056 | 10.2 311 | | 1128 | 11.3 344 |
| | 1720 | −0.1 −3 | | 1750 | −1.2 −37 |
| | 2334 | 8.8 268 | | | |
| **9** W | 0523 | 0.9 27 | **24** Th | 0006 | 9.9 302 |
| | 1136 | 10.3 314 | | 0601 | −0.3 −9 |
| | 1759 | −0.3 −9 | | 1217 | 11.1 338 |
| | | | | 1835 | −1.0 −30 |
| **10** Th | 0012 | 9.0 274 | **25** F | 0051 | 10.0 305 |
| | 0605 | 0.7 21 | | 0649 | −0.2 −6 |
| | 1216 | 10.4 317 | | 1303 | 10.7 326 |
| | 1838 | −0.4 −12 | | 1919 | −0.7 −21 |
| **11** F | 0051 | 9.2 280 | **26** Sa | 0135 | 9.9 302 |
| | 0647 | 0.5 15 | | 0736 | 0.1 3 |
| | 1257 | 10.4 317 | | 1349 | 10.2 311 |
| | 1918 | −0.5 −15 | | 2002 | −0.2 −6 |
| **12** Sa | 0131 | 9.5 290 | **27** Su | 0218 | 9.7 296 |
| | 0732 | 0.4 12 | | 0824 | 0.4 12 |
| | 1340 | 10.3 314 | | 1435 | 9.6 293 |
| | 2000 | −0.4 −12 | | 2045 | 0.4 12 |
| **13** Su | 0213 | 9.7 296 | **28** M | 0302 | 9.5 290 |
| | 0819 | 0.3 9 | | 0912 | 0.8 24 |
| | 1427 | 10.0 305 | | 1523 | 8.9 271 |
| | 2045 | −0.3 −9 | | 2130 | 0.9 27 |
| **14** M | 0258 | 9.9 302 | **29** Tu | 0347 | 9.2 280 |
| | 0911 | 0.2 6 | | 1003 | 1.1 34 |
| | 1518 | 9.7 296 | | 1614 | 8.4 256 |
| | 2133 | 0.0 0 | | 2218 | 1.5 46 |
| **15** Tu ◐ | 0347 | 10.0 305 | **30** W ◑ | 0436 | 9.0 274 |
| | 1006 | 0.2 6 | | 1057 | 1.4 43 |
| | 1613 | 9.3 283 | | 1709 | 7.9 241 |
| | 2225 | 0.3 9 | | 2309 | 1.9 58 |
| | | | **31** Th | 0528 | 8.8 268 |
| | | | | 1154 | 1.6 49 |
| | | | | 1807 | 7.6 232 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** F | 0003 | 2.1 64 | **16** Sa | 0005 | 1.0 30 |
| | 0623 | 8.8 268 | | 0624 | 10.1 308 |
| | 1253 | 1.5 46 | | 1259 | 0.2 6 |
| | 1907 | 7.6 232 | | 1914 | 8.5 259 |
| **2** Sa | 0059 | 2.1 64 | **17** Su | 0111 | 1.0 30 |
| | 0719 | 8.9 271 | | 0732 | 10.2 311 |
| | 1350 | 1.3 40 | | 1404 | 0.0 0 |
| | 2004 | 7.7 235 | | 2021 | 8.7 265 |
| **3** Su | 0153 | 2.0 61 | **18** M | 0215 | 0.7 21 |
| | 0813 | 9.2 280 | | 0836 | 10.4 317 |
| | 1442 | 1.0 30 | | 1504 | −0.3 −9 |
| | 2056 | 7.9 241 | | 2121 | 9.1 277 |
| **4** M | 0244 | 1.7 52 | **19** Tu | 0314 | 0.4 12 |
| | 0902 | 9.5 290 | | 0935 | 10.7 326 |
| | 1528 | 0.6 18 | | 1558 | −0.6 −18 |
| | 2143 | 8.3 253 | | 2214 | 9.5 290 |
| **5** Tu | 0331 | 1.3 40 | **20** W ○ | 0408 | 0.0 0 |
| | 0948 | 9.9 302 | | 1027 | 10.8 329 |
| | 1611 | 0.2 6 | | 1645 | −0.7 −21 |
| | 2225 | 8.7 265 | | 2301 | 9.8 299 |
| **6** W ● | 0416 | 0.8 24 | **21** Th | 0457 | −0.2 −6 |
| | 1031 | 10.3 314 | | 1114 | 10.8 329 |
| | 1651 | −0.2 −6 | | 1729 | −0.7 −21 |
| | 2305 | 9.2 280 | | 2343 | 10.1 308 |
| **7** Th | 0459 | 0.4 12 | **22** F | 0543 | −0.3 −9 |
| | 1112 | 10.6 323 | | 1158 | 10.6 323 |
| | 1731 | −0.6 −18 | | 1809 | −0.6 −18 |
| | 2343 | 9.6 293 | | | |
| **8** F | 0542 | 0.0 0 | **23** Sa | 0023 | 10.1 308 |
| | 1154 | 10.7 326 | | 0627 | −0.3 −9 |
| | 1811 | −0.8 −24 | | 1240 | 10.3 314 |
| | | | | 1849 | −0.3 −9 |
| **9** Sa | 0022 | 10.0 305 | **24** Su | 0102 | 10.1 308 |
| | 0626 | −0.3 −9 | | 0709 | −0.1 −3 |
| | 1236 | 10.7 326 | | 1321 | 9.9 302 |
| | 1852 | −0.8 −24 | | 1928 | 0.2 6 |
| **10** Su | 0102 | 10.3 314 | **25** M | 0140 | 9.9 302 |
| | 0711 | −0.5 −15 | | 0752 | 0.2 6 |
| | 1320 | 10.6 323 | | 1403 | 9.4 287 |
| | 1934 | −0.7 −21 | | 2008 | 0.6 18 |
| **11** M | 0145 | 10.5 320 | **26** Tu | 0220 | 9.6 293 |
| | 0759 | −0.6 −18 | | 0836 | 0.6 18 |
| | 1407 | 10.2 311 | | 1447 | 8.8 268 |
| | 2019 | −0.5 −15 | | 2050 | 1.2 37 |
| **12** Tu | 0230 | 10.6 323 | **27** W | 0302 | 9.3 283 |
| | 0850 | −0.5 −15 | | 0923 | 1.0 30 |
| | 1459 | 9.7 296 | | 1535 | 8.3 253 |
| | 2108 | −0.1 −3 | | 2135 | 1.6 49 |
| **13** W ◐ | 0321 | 10.5 320 | **28** Th ◑ | 0349 | 9.0 274 |
| | 0945 | −0.2 −6 | | 1013 | 1.4 43 |
| | 1555 | 9.2 280 | | 1626 | 7.9 241 |
| | 2202 | 0.4 12 | | 2225 | 2.0 61 |
| **14** Th | 0416 | 10.3 314 | **29** F | 0441 | 8.8 268 |
| | 1046 | 0.0 0 | | 1109 | 1.6 49 |
| | 1657 | 8.8 268 | | 1723 | 7.6 232 |
| | 2301 | 0.8 24 | | 2320 | 2.3 70 |
| **15** F | 0518 | 10.2 311 | | | |
| | 1151 | 0.2 6 | | | |
| | 1805 | 8.5 259 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0538 | 8.7 265 | **16** Su | 0614 | 9.9 302 |
| | 1208 | 1.7 52 | | 1245 | 0.4 12 |
| | 1824 | 7.5 229 | | 1905 | 8.6 262 |
| **2** Su | 0018 | 2.3 70 | **17** M | 0100 | 1.2 37 |
| | 0637 | 8.8 268 | | 0723 | 9.9 302 |
| | 1307 | 1.6 49 | | 1351 | 0.3 9 |
| | 1923 | 7.7 235 | | 2010 | 8.9 271 |
| **3** M | 0115 | 2.1 64 | **18** Tu | 0205 | 0.9 27 |
| | 0734 | 9.0 274 | | 0828 | 10.1 308 |
| | 1402 | 1.2 37 | | 1449 | 0.1 3 |
| | 2017 | 8.0 244 | | 2107 | 9.3 283 |
| **4** Tu | 0210 | 1.6 49 | **19** W | 0303 | 0.5 15 |
| | 0827 | 9.4 287 | | 0924 | 10.2 311 |
| | 1451 | 0.7 21 | | 1539 | 0.0 0 |
| | 2105 | 8.6 262 | | 2155 | 9.7 296 |
| **5** W | 0300 | 1.1 34 | **20** Th | 0355 | 0.2 6 |
| | 0916 | 9.9 302 | | 1013 | 10.3 314 |
| | 1536 | 0.2 6 | | 1623 | −0.1 −3 |
| | 2149 | 9.2 280 | | 2238 | 10.0 305 |
| **6** Th | 0347 | 0.5 15 | **21** F ○ | 0441 | −0.1 −3 |
| | 1002 | 10.4 317 | | 1057 | 10.3 314 |
| | 1618 | −0.3 −9 | | 1703 | −0.1 −3 |
| | 2230 | 9.8 299 | | 2316 | 10.2 311 |
| **7** F ● | 0433 | −0.2 −6 | **22** Sa | 0523 | −0.2 −6 |
| | 1046 | 10.7 326 | | 1138 | 10.1 308 |
| | 1700 | −0.7 −21 | | 1741 | 0.1 3 |
| | 2311 | 10.3 314 | | 2353 | 10.2 311 |
| **8** Sa | 0518 | −0.7 −21 | **23** Su | 0603 | −0.2 −6 |
| | 1130 | 10.9 332 | | 1217 | 9.9 302 |
| | 1741 | −0.9 −27 | | 1818 | 0.4 12 |
| | 2351 | 10.8 329 | | | |
| **9** Su | 0603 | −1.1 −34 | **24** M | 0028 | 10.2 311 |
| | 1214 | 10.9 332 | | 0643 | −0.1 −3 |
| | 1824 | −0.9 −27 | | 1255 | 9.6 293 |
| | | | | 1855 | 0.7 21 |
| **10** M | 0034 | 11.1 338 | **25** Tu | 0105 | 10.0 305 |
| | 0650 | −1.3 −40 | | 0723 | 0.2 6 |
| | 1301 | 10.7 326 | | 1335 | 9.2 280 |
| | 1909 | −0.7 −21 | | 1934 | 1.1 34 |
| **11** Tu | 0119 | 11.2 341 | **26** W | 0143 | 9.8 299 |
| | 0739 | −1.2 −37 | | 0804 | 0.5 15 |
| | 1350 | 10.3 314 | | 1416 | 8.8 268 |
| | 1956 | −0.4 −12 | | 2015 | 1.4 43 |
| **12** W | 0207 | 11.1 338 | **27** Th | 0225 | 9.5 290 |
| | 0832 | −0.9 −27 | | 0848 | 0.9 27 |
| | 1443 | 9.8 299 | | 1502 | 8.4 256 |
| | 2047 | 0.1 3 | | 2059 | 1.8 55 |
| **13** Th | 0300 | 10.8 329 | **28** F | 0310 | 9.2 280 |
| | 0928 | −0.5 −15 | | 0936 | 1.3 40 |
| | 1541 | 9.2 280 | | 1551 | 8.0 244 |
| | 2143 | 0.6 18 | | 2148 | 2.1 64 |
| **14** F ◐ | 0359 | 10.5 320 | **29** Sa ◑ | 0401 | 8.9 271 |
| | 1030 | 0.0 0 | | 1029 | 1.5 46 |
| | 1646 | 8.8 268 | | 1645 | 7.8 238 |
| | 2245 | 1.0 30 | | 2242 | 2.3 70 |
| **15** Sa | 0504 | 10.1 308 | **30** Su | 0457 | 8.8 268 |
| | 1136 | 0.3 9 | | 1126 | 1.6 49 |
| | 1755 | 8.5 259 | | 1743 | 7.8 238 |
| | 2352 | 1.2 37 | | 2339 | 2.3 70 |
| | | | **31** M | 0555 | 8.9 271 |
| | | | | 1223 | 1.5 46 |
| | | | | 1840 | 8.0 244 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Boston, Massachusetts, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0038 | 2.0 61 | 16 W | 0151 | 1.0 30 |
| | 0653 | 9.1 277 | | 0811 | 9.7 296 |
| | 1318 | 1.2 37 | | 1424 | 0.6 18 |
| | 1934 | 8.5 259 | | 2043 | 9.6 293 |
| 2 W | 0134 | 1.5 46 | 17 Th | 0248 | 0.6 18 |
| | 0748 | 9.5 290 | | 0905 | 9.7 296 |
| | 1409 | 0.7 21 | | 1512 | 0.6 18 |
| | 2023 | 9.1 277 | | 2129 | 9.9 302 |
| 3 Th | 0227 | 0.8 24 | 18 F | 0337 | 0.3 9 |
| | 0840 | 9.9 302 | | 0953 | 9.7 296 |
| | 1456 | 0.2 6 | | 1554 | 0.6 18 |
| | 2109 | 9.8 299 | | 2209 | 10.1 308 |
| 4 F | 0317 | 0.1 3 | 19 Sa | 0420 | 0.1 3 |
| | 0930 | 10.3 314 | | 1036 | 9.7 296 |
| | 1542 | −0.2 −6 | | 1633 | 0.7 21 |
| | 2153 | 10.5 320 | | 2246 | 10.2 311 |
| 5 Sa ● | 0406 | −0.6 −18 | 20 Su ○ | 0501 | 0.0 0 |
| | 1018 | 10.7 326 | | 1115 | 9.6 293 |
| | 1627 | −0.5 −15 | | 1710 | 0.8 24 |
| | 2237 | 11.1 338 | | 2322 | 10.2 311 |
| 6 Su | 0454 | −1.2 −37 | 21 M | 0539 | 0.0 0 |
| | 1105 | 10.9 332 | | 1153 | 9.4 287 |
| | 1712 | −0.7 −21 | | 1748 | 1.0 30 |
| | 2321 | 11.6 354 | | 2357 | 10.2 311 |
| 7 M | 0542 | −1.6 −49 | 22 Tu | 0618 | 0.1 3 |
| | 1154 | 10.8 329 | | 1231 | 9.2 280 |
| | 1758 | −0.7 −21 | | 1825 | 1.2 37 |
| 8 Tu | 0007 | 11.8 360 | 23 W | 0034 | 10.1 308 |
| | 0631 | −1.7 −52 | | 0657 | 0.3 9 |
| | 1243 | 10.6 323 | | 1310 | 9.0 274 |
| | 1846 | −0.5 −15 | | 1904 | 1.4 43 |
| 9 W | 0056 | 11.8 360 | 24 Th | 0113 | 9.9 302 |
| | 0722 | −1.5 −46 | | 0737 | 0.5 15 |
| | 1335 | 10.3 314 | | 1351 | 8.7 265 |
| | 1936 | −0.2 −6 | | 1945 | 1.7 52 |
| 10 Th | 0148 | 11.5 351 | 25 F | 0154 | 9.6 293 |
| | 0816 | −1.1 −34 | | 0820 | 0.8 24 |
| | 1431 | 9.8 299 | | 1435 | 8.5 259 |
| | 2030 | 0.3 9 | | 2029 | 1.9 58 |
| 11 F | 0244 | 11.1 338 | 26 Sa | 0239 | 9.4 287 |
| | 0913 | −0.6 −18 | | 0906 | 1.1 34 |
| | 1531 | 9.3 283 | | 1522 | 8.3 253 |
| | 2129 | 0.8 24 | | 2117 | 2.1 64 |
| 12 Sa ◐ | 0345 | 10.5 320 | 27 Su | 0328 | 9.2 280 |
| | 1015 | 0.0 0 | | 0955 | 1.3 40 |
| | 1635 | 9.0 274 | | 1612 | 8.2 250 |
| | 2232 | 1.1 34 | | 2209 | 2.2 67 |
| 13 Su | 0452 | 10.1 308 | 28 M ◑ | 0421 | 9.1 277 |
| | 1120 | 0.4 12 | | 1047 | 1.3 40 |
| | 1743 | 8.9 271 | | 1705 | 8.3 253 |
| | 2339 | 1.3 40 | | 2305 | 2.1 64 |
| 14 M | 0601 | 9.8 299 | 29 Tu | 0516 | 9.1 277 |
| | 1226 | 0.6 18 | | 1141 | 1.2 37 |
| | 1850 | 9.0 274 | | 1758 | 8.6 262 |
| 15 Tu | 0047 | 1.2 37 | 30 W | 0002 | 1.7 52 |
| | 0709 | 9.7 296 | | 0613 | 9.2 280 |
| | 1329 | 0.6 18 | | 1234 | 1.0 30 |
| | 1950 | 9.3 283 | | 1850 | 9.1 277 |

## May

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Th | 0059 | 1.2 37 | 16 F | 0224 | 0.8 24 |
| | 0709 | 9.5 290 | | 0839 | 9.2 280 |
| | 1326 | 0.7 21 | | 1437 | 1.2 37 |
| | 1940 | 9.8 299 | | 2055 | 9.9 302 |
| 2 F | 0154 | 0.5 15 | 17 Sa | 0313 | 0.6 18 |
| | 0804 | 9.8 299 | | 0927 | 9.1 277 |
| | 1417 | 0.3 9 | | 1521 | 1.3 40 |
| | 2029 | 10.5 320 | | 2136 | 10.0 305 |
| 3 Sa | 0247 | −0.2 −6 | 18 Su | 0357 | 0.4 12 |
| | 0858 | 10.2 311 | | 1011 | 9.1 277 |
| | 1506 | 0.0 0 | | 1602 | 1.3 40 |
| | 2117 | 11.1 338 | | 2215 | 10.1 308 |
| 4 Su | 0339 | −0.9 −27 | 19 M ○ | 0437 | 0.3 9 |
| | 0950 | 10.4 317 | | 1052 | 9.0 274 |
| | 1555 | −0.3 −9 | | 1641 | 1.4 43 |
| | 2205 | 11.7 357 | | 2253 | 10.1 308 |
| 5 M ● | 0430 | −1.4 −43 | 20 Tu | 0516 | 0.3 9 |
| | 1042 | 10.6 323 | | 1131 | 9.0 274 |
| | 1644 | −0.4 −12 | | 1720 | 1.5 46 |
| | 2254 | 12.0 366 | | 2330 | 10.1 308 |
| 6 Tu | 0521 | −1.8 −55 | 21 W | 0555 | 0.3 9 |
| | 1134 | 10.6 323 | | 1210 | 8.9 271 |
| | 1734 | −0.4 −12 | | 1759 | 1.5 46 |
| | 2345 | 12.1 369 | | | |
| 7 W | 0613 | −1.8 −55 | 22 Th | 0009 | 10.1 308 |
| | 1227 | 10.5 320 | | 0634 | 0.4 12 |
| | 1826 | −0.3 −9 | | 1249 | 8.8 268 |
| | | | | 1839 | 1.6 49 |
| 8 Th | 0037 | 12.0 366 | 23 F | 0048 | 10.0 305 |
| | 0706 | −1.6 −49 | | 0714 | 0.5 15 |
| | 1322 | 10.2 311 | | 1329 | 8.7 265 |
| | 1919 | 0.0 0 | | 1920 | 1.7 52 |
| 9 F | 0132 | 11.7 357 | 24 Sa | 0130 | 9.8 299 |
| | 0801 | −1.1 −34 | | 0755 | 0.7 21 |
| | 1419 | 9.9 302 | | 1411 | 8.6 262 |
| | 2015 | 0.4 12 | | 2004 | 1.8 55 |
| 10 Sa | 0230 | 11.2 341 | 25 Su | 0213 | 9.7 296 |
| | 0858 | −0.6 −18 | | 0838 | 0.8 24 |
| | 1518 | 9.6 293 | | 1455 | 8.6 262 |
| | 2114 | 0.8 24 | | 2050 | 1.8 55 |
| 11 Su ◐ | 0331 | 10.6 323 | 26 M | 0259 | 9.5 290 |
| | 0957 | −0.1 −3 | | 0924 | 0.8 24 |
| | 1620 | 9.4 287 | | 1541 | 8.7 265 |
| | 2217 | 1.1 34 | | 2140 | 1.8 55 |
| 12 M | 0436 | 10.1 308 | 27 Tu ◑ | 0349 | 9.4 287 |
| | 1058 | 0.4 12 | | 1012 | 0.9 27 |
| | 1723 | 9.4 287 | | 1629 | 9.0 274 |
| | 2322 | 1.2 37 | | 2233 | 1.6 49 |
| 13 Tu | 0541 | 9.7 296 | 28 W | 0441 | 9.4 287 |
| | 1159 | 0.7 21 | | 1102 | 0.9 27 |
| | 1823 | 9.4 287 | | 1718 | 9.3 283 |
| | | | | 2329 | 1.3 40 |
| 14 W | 0027 | 1.2 37 | 29 Th | 0537 | 9.4 287 |
| | 0645 | 9.4 287 | | 1154 | 0.8 24 |
| | 1257 | 0.9 27 | | 1809 | 9.8 299 |
| | 1919 | 9.6 293 | | | |
| 15 Th | 0129 | 1.0 30 | 30 F | 0026 | 0.8 24 |
| | 0745 | 9.2 280 | | 0634 | 9.5 290 |
| | 1350 | 1.1 34 | | 1247 | 0.6 18 |
| | 2010 | 9.8 299 | | 1901 | 10.3 314 |
| | | | 31 Sa | 0124 | 0.2 6 |
| | | | | 0732 | 9.6 293 |
| | | | | 1340 | 0.4 12 |
| | | | | 1953 | 10.9 332 |

## June

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Su | 0220 | −0.4 −12 | 16 M | 0330 | 0.8 24 |
| | 0829 | 9.8 299 | | 0944 | 8.6 262 |
| | 1434 | 0.2 6 | | 1530 | 1.8 55 |
| | 2046 | 11.4 347 | | 2145 | 9.9 302 |
| 2 M | 0315 | −1.0 −30 | 17 Tu | 0412 | 0.6 18 |
| | 0926 | 10.0 305 | | 1027 | 8.6 262 |
| | 1527 | 0.0 0 | | 1612 | 1.7 52 |
| | 2139 | 11.9 363 | | 2227 | 10.0 305 |
| 3 Tu ● | 0410 | −1.4 −43 | 18 W ○ | 0453 | 0.5 15 |
| | 1022 | 10.2 311 | | 1108 | 8.7 265 |
| | 1621 | −0.1 −3 | | 1653 | 1.7 52 |
| | 2233 | 12.1 369 | | 2307 | 10.1 308 |
| 4 W | 0504 | −1.6 −49 | 19 Th | 0532 | 0.4 12 |
| | 1117 | 10.3 314 | | 1148 | 8.7 265 |
| | 1714 | −0.2 −6 | | 1734 | 1.6 49 |
| | 2327 | 12.2 372 | | 2347 | 10.1 308 |
| 5 Th | 0557 | −1.7 −52 | 20 F | 0611 | 0.4 12 |
| | 1212 | 10.3 314 | | 1227 | 8.8 268 |
| | 1808 | −0.2 −6 | | 1815 | 1.5 46 |
| 6 F | 0022 | 12.0 366 | 21 Sa | 0026 | 10.1 308 |
| | 0651 | −1.5 −46 | | 0650 | 0.4 12 |
| | 1308 | 10.2 311 | | 1306 | 8.9 271 |
| | 1903 | 0.0 0 | | 1857 | 1.5 46 |
| 7 Sa | 0118 | 11.6 354 | 22 Su | 0107 | 10.1 308 |
| | 0744 | −1.1 −34 | | 0730 | 0.3 9 |
| | 1404 | 10.1 308 | | 1345 | 9.0 274 |
| | 1959 | 0.3 9 | | 1940 | 1.4 43 |
| 8 Su | 0215 | 11.1 338 | 23 M | 0149 | 10.0 305 |
| | 0839 | −0.7 −21 | | 0811 | 0.4 12 |
| | 1500 | 9.9 302 | | 1426 | 9.1 277 |
| | 2057 | 0.6 18 | | 2025 | 1.3 40 |
| 9 M | 0313 | 10.6 323 | 24 Tu | 0233 | 9.8 299 |
| | 0933 | −0.1 −3 | | 0853 | 0.4 12 |
| | 1556 | 9.8 299 | | 1509 | 9.3 283 |
| | 2156 | 0.9 27 | | 2113 | 1.2 37 |
| 10 Tu ◐ | 0412 | 10.0 305 | 25 W | 0320 | 9.7 296 |
| | 1028 | 0.4 12 | | 0939 | 0.5 15 |
| | 1652 | 9.7 296 | | 1554 | 9.6 293 |
| | 2257 | 1.1 34 | | 2205 | 1.0 30 |
| 11 W | 0512 | 9.4 287 | 26 Th ◑ | 0412 | 9.5 290 |
| | 1123 | 0.9 27 | | 1027 | 0.6 18 |
| | 1747 | 9.6 293 | | 1642 | 9.9 302 |
| | 2358 | 1.2 37 | | 2300 | 0.8 24 |
| 12 Th | 0612 | 9.0 274 | 27 F | 0507 | 9.4 287 |
| | 1217 | 1.2 37 | | 1119 | 0.6 18 |
| | 1840 | 9.6 293 | | 1734 | 10.3 314 |
| | | | | 2358 | 0.5 15 |
| 13 F | 0058 | 1.2 37 | 28 Sa | 0605 | 9.3 283 |
| | 0711 | 8.7 265 | | 1214 | 0.6 18 |
| | 1310 | 1.5 46 | | 1828 | 10.7 326 |
| | 1930 | 9.7 296 | | | |
| 14 Sa | 0154 | 1.0 30 | 29 Su | 0058 | 0.1 3 |
| | 0806 | 8.6 262 | | 0705 | 9.3 283 |
| | 1359 | 1.7 52 | | 1311 | 0.6 18 |
| | 2018 | 9.7 296 | | 1925 | 11.0 335 |
| 15 Su | 0244 | 0.9 27 | 30 M | 0157 | −0.4 −12 |
| | 0857 | 8.6 262 | | 0806 | 9.4 287 |
| | 1446 | 1.8 55 | | 1408 | 0.5 15 |
| | 2103 | 9.8 299 | | 2022 | 11.4 347 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Boston, Massachusetts, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0256 | −0.8 | −24 |
| | 0907 | 9.6 | 293 |
| | 1506 | 0.3 | 9 |
| | 2120 | 11.7 | 357 |
| **2** W ● | 0353 | −1.1 | −34 |
| | 1006 | 9.8 | 299 |
| | 1602 | 0.0 | 0 |
| | 2217 | 11.9 | 363 |
| **3** Th | 0448 | −1.3 | −40 |
| | 1102 | 10.0 | 305 |
| | 1658 | −0.1 | −3 |
| | 2313 | 11.9 | 363 |
| **4** F | 0541 | −1.4 | −43 |
| | 1157 | 10.2 | 311 |
| | 1752 | −0.2 | −6 |
| **5** Sa | 0008 | 11.8 | 360 |
| | 0633 | −1.3 | −40 |
| | 1250 | 10.3 | 314 |
| | 1846 | −0.1 | −3 |
| **6** Su | 0102 | 11.4 | 347 |
| | 0723 | −1.0 | −30 |
| | 1342 | 10.2 | 311 |
| | 1940 | 0.1 | 3 |
| **7** M | 0155 | 11.0 | 335 |
| | 0813 | −0.6 | −18 |
| | 1433 | 10.2 | 311 |
| | 2034 | 0.4 | 12 |
| **8** Tu | 0248 | 10.4 | 317 |
| | 0903 | 0.0 | 0 |
| | 1523 | 10.0 | 305 |
| | 2128 | 0.7 | 21 |
| **9** W ◐ | 0342 | 9.7 | 296 |
| | 0952 | 0.6 | 18 |
| | 1614 | 9.8 | 299 |
| | 2224 | 1.0 | 30 |
| **10** Th | 0438 | 9.1 | 277 |
| | 1043 | 1.1 | 34 |
| | 1705 | 9.6 | 293 |
| | 2322 | 1.2 | 37 |
| **11** F | 0534 | 8.6 | 262 |
| | 1135 | 1.6 | 49 |
| | 1756 | 9.5 | 290 |
| **12** Sa | 0020 | 1.3 | 40 |
| | 0632 | 8.3 | 253 |
| | 1228 | 1.9 | 58 |
| | 1848 | 9.4 | 287 |
| **13** Su | 0117 | 1.3 | 40 |
| | 0729 | 8.1 | 247 |
| | 1320 | 2.1 | 64 |
| | 1939 | 9.4 | 287 |
| **14** M | 0210 | 1.2 | 37 |
| | 0823 | 8.1 | 247 |
| | 1411 | 2.1 | 64 |
| | 2029 | 9.5 | 290 |
| **15** Tu | 0300 | 1.1 | 34 |
| | 0913 | 8.2 | 250 |
| | 1459 | 2.0 | 61 |
| | 2116 | 9.7 | 296 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0345 | 0.9 | 27 |
| | 0959 | 8.4 | 256 |
| | 1544 | 1.8 | 55 |
| | 2201 | 9.9 | 302 |
| **17** Th | 0427 | 0.6 | 18 |
| | 1042 | 8.6 | 262 |
| | 1627 | 1.6 | 49 |
| | 2243 | 10.1 | 308 |
| **18** F ○ | 0506 | 0.4 | 12 |
| | 1122 | 8.8 | 268 |
| | 1709 | 1.3 | 40 |
| | 2323 | 10.2 | 311 |
| **19** Sa | 0545 | 0.2 | 6 |
| | 1200 | 9.0 | 274 |
| | 1751 | 1.1 | 34 |
| **20** Su | 0003 | 10.3 | 314 |
| | 0623 | 0.1 | 3 |
| | 1238 | 9.3 | 283 |
| | 1833 | 0.9 | 27 |
| **21** M | 0043 | 10.3 | 314 |
| | 0702 | 0.0 | 0 |
| | 1315 | 9.5 | 290 |
| | 1916 | 0.8 | 24 |
| **22** Tu | 0124 | 10.2 | 311 |
| | 0742 | 0.0 | 0 |
| | 1355 | 9.8 | 299 |
| | 2000 | 0.6 | 18 |
| **23** W | 0208 | 10.0 | 305 |
| | 0824 | 0.1 | 3 |
| | 1437 | 10.0 | 305 |
| | 2048 | 0.5 | 15 |
| **24** Th | 0255 | 9.8 | 299 |
| | 0909 | 0.3 | 9 |
| | 1522 | 10.2 | 311 |
| | 2140 | 0.4 | 12 |
| **25** F ◑ | 0347 | 9.5 | 290 |
| | 0957 | 0.5 | 15 |
| | 1611 | 10.4 | 317 |
| | 2235 | 0.4 | 12 |
| **26** Sa | 0443 | 9.2 | 280 |
| | 1051 | 0.7 | 21 |
| | 1705 | 10.5 | 320 |
| | 2335 | 0.3 | 9 |
| **27** Su | 0543 | 9.0 | 274 |
| | 1148 | 0.8 | 24 |
| | 1804 | 10.7 | 326 |
| **28** M | 0037 | 0.1 | 3 |
| | 0647 | 8.9 | 271 |
| | 1249 | 0.8 | 24 |
| | 1905 | 10.9 | 332 |
| **29** Tu | 0140 | −0.2 | −6 |
| | 0751 | 9.1 | 277 |
| | 1350 | 0.7 | 21 |
| | 2007 | 11.1 | 338 |
| **30** W | 0241 | −0.5 | −15 |
| | 0853 | 9.3 | 283 |
| | 1451 | 0.4 | 12 |
| | 2107 | 11.3 | 344 |
| **31** Th | 0338 | −0.8 | −24 |
| | 0952 | 9.6 | 293 |
| | 1548 | 0.1 | 3 |
| | 2205 | 11.5 | 351 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0432 | −1.0 | −30 |
| | 1047 | 10.0 | 305 |
| | 1643 | −0.1 | −3 |
| | 2300 | 11.5 | 351 |
| **2** Sa | 0523 | −1.1 | −34 |
| | 1139 | 10.2 | 311 |
| | 1736 | −0.3 | −9 |
| | 2352 | 11.4 | 347 |
| **3** Su | 0611 | −1.0 | −30 |
| | 1227 | 10.4 | 317 |
| | 1827 | −0.3 | −9 |
| **4** M | 0042 | 11.1 | 338 |
| | 0658 | −0.7 | −21 |
| | 1314 | 10.4 | 317 |
| | 1917 | −0.1 | −3 |
| **5** Tu | 0131 | 10.6 | 323 |
| | 0743 | −0.2 | −6 |
| | 1359 | 10.3 | 314 |
| | 2006 | 0.2 | 6 |
| **6** W | 0220 | 10.0 | 305 |
| | 0828 | 0.3 | 9 |
| | 1445 | 10.0 | 305 |
| | 2056 | 0.6 | 18 |
| **7** Th | 0309 | 9.4 | 287 |
| | 0914 | 0.9 | 27 |
| | 1531 | 9.8 | 299 |
| | 2148 | 0.9 | 27 |
| **8** F ◐ | 0400 | 8.8 | 268 |
| | 1002 | 1.4 | 43 |
| | 1620 | 9.5 | 290 |
| | 2241 | 1.3 | 40 |
| **9** Sa | 0454 | 8.3 | 253 |
| | 1052 | 1.9 | 58 |
| | 1711 | 9.2 | 280 |
| | 2338 | 1.5 | 46 |
| **10** Su | 0552 | 8.0 | 244 |
| | 1146 | 2.2 | 67 |
| | 1806 | 9.1 | 277 |
| **11** M | 0036 | 1.6 | 49 |
| | 0650 | 7.9 | 241 |
| | 1241 | 2.3 | 70 |
| | 1901 | 9.1 | 277 |
| **12** Tu | 0133 | 1.5 | 46 |
| | 0747 | 7.9 | 241 |
| | 1336 | 2.2 | 67 |
| | 1955 | 9.3 | 283 |
| **13** W | 0225 | 1.3 | 40 |
| | 0839 | 8.1 | 247 |
| | 1427 | 2.0 | 61 |
| | 2046 | 9.6 | 293 |
| **14** Th | 0312 | 1.0 | 30 |
| | 0927 | 8.4 | 256 |
| | 1515 | 1.6 | 49 |
| | 2132 | 9.8 | 299 |
| **15** F | 0355 | 0.7 | 21 |
| | 1009 | 8.8 | 268 |
| | 1600 | 1.3 | 40 |
| | 2215 | 10.1 | 308 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0435 | 0.3 | 9 |
| | 1049 | 9.2 | 280 |
| | 1643 | 0.9 | 27 |
| | 2257 | 10.3 | 314 |
| **17** Su | 0514 | 0.1 | 3 |
| | 1127 | 9.5 | 290 |
| | 1725 | 0.5 | 15 |
| | 2337 | 10.5 | 320 |
| **18** M | 0552 | −0.1 | −3 |
| | 1204 | 9.9 | 302 |
| | 1807 | 0.2 | 6 |
| **19** Tu | 0018 | 10.5 | 320 |
| | 0631 | −0.2 | −6 |
| | 1243 | 10.2 | 311 |
| | 1851 | 0.0 | 0 |
| **20** W | 0100 | 10.4 | 317 |
| | 0712 | −0.2 | −6 |
| | 1323 | 10.5 | 320 |
| | 1937 | −0.2 | −6 |
| **21** Th | 0145 | 10.2 | 311 |
| | 0755 | 0.0 | 0 |
| | 1406 | 10.6 | 323 |
| | 2025 | −0.2 | −6 |
| **22** F | 0234 | 9.8 | 299 |
| | 0842 | 0.2 | 6 |
| | 1454 | 10.7 | 326 |
| | 2118 | −0.1 | −3 |
| **23** Sa ◑ | 0327 | 9.4 | 287 |
| | 0933 | 0.6 | 18 |
| | 1546 | 10.6 | 323 |
| | 2215 | 0.1 | 3 |
| **24** Su | 0426 | 9.1 | 277 |
| | 1029 | 0.9 | 27 |
| | 1644 | 10.5 | 320 |
| | 2317 | 0.2 | 6 |
| **25** M | 0529 | 8.8 | 268 |
| | 1131 | 1.1 | 34 |
| | 1748 | 10.5 | 320 |
| **26** Tu | 0022 | 0.2 | 6 |
| | 0636 | 8.8 | 268 |
| | 1235 | 1.1 | 34 |
| | 1853 | 10.5 | 320 |
| **27** W | 0126 | 0.1 | 3 |
| | 0742 | 9.0 | 274 |
| | 1339 | 0.9 | 27 |
| | 1958 | 10.7 | 326 |
| **28** Th | 0228 | −0.2 | −6 |
| | 0843 | 9.3 | 283 |
| | 1440 | 0.5 | 15 |
| | 2059 | 10.9 | 332 |
| **29** F | 0324 | −0.4 | −12 |
| | 0939 | 9.8 | 299 |
| | 1537 | 0.1 | 3 |
| | 2155 | 11.1 | 338 |
| **30** Sa ● | 0415 | −0.6 | −18 |
| | 1030 | 10.2 | 311 |
| | 1630 | −0.2 | −6 |
| | 2247 | 11.1 | 338 |
| **31** Su | 0501 | −0.6 | −18 |
| | 1116 | 10.4 | 317 |
| | 1719 | −0.3 | −9 |
| | 2335 | 10.9 | 332 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0546 | −0.5 | −15 |
| | 1200 | 10.5 | 320 |
| | 1806 | −0.3 | −9 |
| **2** Tu | 0020 | 10.6 | 323 |
| | 0628 | −0.2 | −6 |
| | 1242 | 10.5 | 320 |
| | 1851 | −0.2 | −6 |
| **3** W | 0105 | 10.1 | 308 |
| | 0710 | 0.2 | 6 |
| | 1323 | 10.3 | 314 |
| | 1937 | 0.1 | 3 |
| **4** Th | 0149 | 9.6 | 293 |
| | 0752 | 0.8 | 24 |
| | 1405 | 10.0 | 305 |
| | 2022 | 0.5 | 15 |
| **5** F | 0235 | 9.1 | 277 |
| | 0835 | 1.3 | 40 |
| | 1449 | 9.7 | 296 |
| | 2110 | 1.0 | 30 |
| **6** Sa | 0324 | 8.6 | 262 |
| | 0922 | 1.8 | 55 |
| | 1536 | 9.3 | 283 |
| | 2201 | 1.4 | 43 |
| **7** Su ◐ | 0416 | 8.2 | 250 |
| | 1012 | 2.2 | 67 |
| | 1628 | 9.1 | 277 |
| | 2256 | 1.7 | 52 |
| **8** M | 0512 | 7.9 | 241 |
| | 1106 | 2.4 | 73 |
| | 1725 | 8.9 | 271 |
| | 2354 | 1.8 | 55 |
| **9** Tu | 0611 | 7.8 | 238 |
| | 1204 | 2.4 | 73 |
| | 1823 | 8.9 | 271 |
| **10** W | 0052 | 1.7 | 52 |
| | 0708 | 7.9 | 241 |
| | 1300 | 2.3 | 70 |
| | 1919 | 9.1 | 277 |
| **11** Th | 0145 | 1.4 | 43 |
| | 0801 | 8.2 | 250 |
| | 1354 | 1.9 | 58 |
| | 2011 | 9.5 | 290 |
| **12** F | 0233 | 1.0 | 30 |
| | 0848 | 8.7 | 265 |
| | 1443 | 1.4 | 43 |
| | 2059 | 9.8 | 299 |
| **13** Sa | 0317 | 0.6 | 18 |
| | 0931 | 9.2 | 280 |
| | 1530 | 0.9 | 27 |
| | 2144 | 10.1 | 308 |
| **14** Su | 0358 | 0.2 | 6 |
| | 1011 | 9.7 | 296 |
| | 1614 | 0.3 | 9 |
| | 2227 | 10.4 | 317 |
| **15** M ○ | 0439 | −0.1 | −3 |
| | 1050 | 10.2 | 311 |
| | 1658 | −0.2 | −6 |
| | 2309 | 10.6 | 323 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0519 | −0.3 | −9 |
| | 1129 | 10.7 | 326 |
| | 1742 | −0.5 | −15 |
| | 2352 | 10.6 | 323 |
| **17** W | 0601 | −0.3 | −9 |
| | 1210 | 11.0 | 335 |
| | 1827 | −0.8 | −24 |
| **18** Th | 0037 | 10.5 | 320 |
| | 0644 | −0.2 | −6 |
| | 1253 | 11.2 | 341 |
| | 1915 | −0.8 | −24 |
| **19** F | 0125 | 10.2 | 311 |
| | 0730 | 0.0 | 0 |
| | 1340 | 11.2 | 341 |
| | 2005 | −0.7 | −21 |
| **20** Sa | 0216 | 9.8 | 299 |
| | 0819 | 0.3 | 9 |
| | 1431 | 11.0 | 335 |
| | 2100 | −0.4 | −12 |
| **21** Su | 0312 | 9.4 | 287 |
| | 0914 | 0.7 | 21 |
| | 1527 | 10.7 | 326 |
| | 2159 | 0.0 | 0 |
| **22** M ◑ | 0414 | 9.0 | 274 |
| | 1014 | 1.1 | 34 |
| | 1630 | 10.4 | 317 |
| | 2303 | 0.2 | 6 |
| **23** Tu | 0520 | 8.8 | 268 |
| | 1118 | 1.2 | 37 |
| | 1737 | 10.3 | 314 |
| **24** W | 0008 | 0.4 | 12 |
| | 0628 | 8.9 | 271 |
| | 1225 | 1.2 | 37 |
| | 1845 | 10.2 | 311 |
| **25** Th | 0113 | 0.3 | 9 |
| | 0732 | 9.2 | 280 |
| | 1330 | 0.9 | 27 |
| | 1950 | 10.3 | 314 |
| **26** F | 0212 | 0.1 | 3 |
| | 0831 | 9.6 | 293 |
| | 1430 | 0.5 | 15 |
| | 2050 | 10.4 | 317 |
| **27** Sa | 0305 | 0.0 | 0 |
| | 0922 | 10.0 | 305 |
| | 1525 | 0.1 | 3 |
| | 2143 | 10.5 | 320 |
| **28** Su | 0353 | −0.1 | −3 |
| | 1009 | 10.4 | 317 |
| | 1615 | −0.2 | −6 |
| | 2231 | 10.4 | 317 |
| **29** M ● | 0437 | 0.0 | 0 |
| | 1051 | 10.5 | 320 |
| | 1700 | −0.3 | −9 |
| | 2315 | 10.3 | 314 |
| **30** Tu | 0518 | 0.1 | 3 |
| | 1130 | 10.6 | 323 |
| | 1744 | −0.3 | −9 |
| | 2357 | 10.0 | 305 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Boston, Massachusetts, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm | | h m | ft / cm | | h m | ft / cm |
| **1** W | 0558 | 0.4 / 12 | **16** Th | 0532 | −0.3 / −9 | **1** Sa | 0055 | 8.9 / 271 | **16** Su | 0052 | 10.1 / 308 |
| | 1209 | 10.5 / 320 | | 1141 | 11.6 / 354 | | 0648 | 1.4 / 43 | | 0650 | −0.1 / −3 |
| | 1826 | −0.1 / −3 | | 1805 | −1.4 / −43 | | 1257 | 9.9 / 302 | | 1302 | 11.8 / 360 |
| | | | | | | | 1923 | 0.5 / 15 | | 1932 | −1.4 / −43 |
| **2** Th | 0039 | 9.7 / 296 | **17** F | 0017 | 10.4 / 317 | **2** Su | 0137 | 8.7 / 265 | **17** M | 0148 | 9.9 / 302 |
| | 0637 | 0.8 / 24 | | 0619 | −0.2 / −6 | | 0730 | 1.7 / 52 | | 0745 | 0.1 / 3 |
| | 1248 | 10.3 / 314 | | 1228 | 11.7 / 357 | | 1339 | 9.7 / 296 | | 1359 | 11.4 / 347 |
| | 1907 | 0.2 / 6 | | 1855 | −1.3 / −40 | | 2006 | 0.8 / 24 | | 2028 | −0.9 / −27 |
| **3** F | 0120 | 9.3 / 283 | **18** Sa | 0107 | 10.2 / 311 | **3** M | 0221 | 8.4 / 256 | **18** Tu | 0246 | 9.7 / 296 |
| | 0718 | 1.2 / 37 | | 0708 | 0.0 / 0 | | 0814 | 2.0 / 61 | | 0843 | 0.5 / 15 |
| | 1328 | 10.0 / 305 | | 1318 | 11.6 / 354 | | 1425 | 9.4 / 287 | | 1459 | 10.8 / 329 |
| | 1950 | 0.5 / 15 | | 1948 | −1.1 / −34 | | 2052 | 1.1 / 34 | | 2126 | −0.4 / −12 |
| **4** Sa | 0204 | 8.8 / 268 | **19** Su | 0202 | 9.8 / 299 | **4** Tu | 0308 | 8.2 / 250 | **19** W | 0347 | 9.5 / 290 |
| | 0800 | 1.6 / 49 | | 0801 | 0.3 / 9 | | 0902 | 2.2 / 67 | | 0945 | 0.8 / 24 |
| | 1411 | 9.6 / 293 | | 1413 | 11.2 / 341 | | 1514 | 9.1 / 277 | | 1602 | 10.3 / 314 |
| | 2036 | 0.9 / 27 | | 2044 | −0.6 / −18 | | 2140 | 1.3 / 40 | ◑ | 2226 | 0.0 / 0 |
| **5** Su | 0250 | 8.4 / 256 | **20** M | 0300 | 9.4 / 287 | **5** W | 0358 | 8.1 / 247 | **20** Th | 0450 | 9.4 / 287 |
| | 0846 | 2.0 / 61 | | 0858 | 0.7 / 21 | | 0954 | 2.3 / 70 | | 1050 | 1.0 / 30 |
| | 1458 | 9.3 / 283 | | 1513 | 10.8 / 329 | | 1606 | 9.0 / 274 | | 1708 | 9.8 / 299 |
| | 2124 | 1.3 / 40 | | 2144 | −0.2 / −6 | ◐ | 2231 | 1.4 / 43 | | 2326 | 0.4 / 12 |
| **6** M | 0340 | 8.1 / 247 | **21** Tu | 0403 | 9.2 / 280 | **6** Th | 0450 | 8.2 / 250 | **21** F | 0552 | 9.5 / 290 |
| | 0935 | 2.3 / 70 | | 1000 | 1.0 / 30 | | 1048 | 2.2 / 67 | | 1156 | 1.0 / 30 |
| | 1549 | 9.0 / 274 | | 1618 | 10.4 / 317 | | 1701 | 8.9 / 271 | | 1814 | 9.5 / 290 |
| | 2217 | 1.6 / 49 | ◑ | 2247 | 0.2 / 6 | | 2323 | 1.4 / 43 | | | |
| **7** Tu | 0435 | 7.9 / 241 | **22** W | 0509 | 9.1 / 277 | **7** F | 0542 | 8.5 / 259 | **22** Sa | 0026 | 0.6 / 18 |
| | 1029 | 2.4 / 73 | | 1106 | 1.2 / 37 | | 1145 | 1.9 / 58 | | 0650 | 9.7 / 296 |
| | 1645 | 8.9 / 271 | | 1726 | 10.1 / 308 | | 1756 | 9.0 / 274 | | 1301 | 0.8 / 24 |
| ◐ | 2312 | 1.7 / 52 | | 2351 | 0.4 / 12 | | | | | 1917 | 9.3 / 283 |
| **8** W | 0531 | 7.9 / 241 | **23** Th | 0615 | 9.2 / 280 | **8** Sa | 0015 | 1.2 / 37 | **23** Su | 0122 | 0.8 / 24 |
| | 1126 | 2.4 / 73 | | 1214 | 1.1 / 34 | | 0633 | 8.9 / 271 | | 0744 | 9.9 / 302 |
| | 1742 | 8.9 / 271 | | 1834 | 9.9 / 302 | | 1240 | 1.5 / 46 | | 1400 | 0.6 / 18 |
| | | | | | | | 1851 | 9.2 / 280 | | 2015 | 9.1 / 277 |
| **9** Th | 0008 | 1.6 / 49 | **24** F | 0054 | 0.4 / 12 | **9** Su | 0105 | 0.9 / 27 | **24** M | 0213 | 0.9 / 27 |
| | 0627 | 8.2 / 250 | | 0716 | 9.5 / 290 | | 0721 | 9.5 / 290 | | 0833 | 10.0 / 305 |
| | 1223 | 2.2 / 67 | | 1319 | 0.8 / 24 | | 1334 | 0.8 / 24 | | 1452 | 0.4 / 12 |
| | 1839 | 9.0 / 274 | | 1938 | 9.9 / 302 | | 1944 | 9.4 / 287 | | 2107 | 9.1 / 277 |
| **10** F | 0101 | 1.4 / 43 | **25** Sa | 0151 | 0.4 / 12 | **10** M | 0154 | 0.6 / 18 | **25** Tu | 0300 | 1.0 / 30 |
| | 0718 | 8.6 / 262 | | 0811 | 9.9 / 302 | | 0808 | 10.2 / 311 | | 0917 | 10.1 / 308 |
| | 1318 | 1.7 / 52 | | 1418 | 0.5 / 15 | | 1426 | 0.1 / 3 | | 1539 | 0.2 / 6 |
| | 1932 | 9.3 / 283 | | 2035 | 9.9 / 302 | | 2036 | 9.7 / 296 | | 2153 | 9.0 / 274 |
| **11** Sa | 0150 | 1.0 / 30 | **26** Su | 0242 | 0.4 / 12 | **11** Tu | 0242 | 0.3 / 9 | **26** W | 0343 | 1.1 / 34 |
| | 0806 | 9.1 / 277 | | 0900 | 10.2 / 311 | | 0854 | 10.8 / 329 | | 0958 | 10.2 / 311 |
| | 1409 | 1.2 / 37 | | 1511 | 0.2 / 6 | | 1516 | −0.6 / −18 | | 1622 | 0.1 / 3 |
| | 2022 | 9.7 / 296 | | 2127 | 9.8 / 299 | | 2126 | 10.0 / 305 | | 2236 | 9.0 / 274 |
| **12** Su | 0236 | 0.6 / 18 | **27** M | 0328 | 0.5 / 15 | **12** W | 0330 | 0.0 / 0 | **27** Th | 0424 | 1.2 / 37 |
| | 0849 | 9.7 / 296 | | 0944 | 10.4 / 317 | | 0941 | 11.4 / 347 | | 1037 | 10.2 / 311 |
| | 1458 | 0.5 / 15 | | 1558 | −0.1 / −3 | | 1606 | −1.2 / −37 | | 1702 | 0.1 / 3 |
| | 2110 | 10.0 / 305 | | 2213 | 9.7 / 296 | | 2217 | 10.2 / 311 | ● | 2316 | 8.9 / 271 |
| **13** M | 0320 | 0.2 / 6 | **28** Tu | 0410 | 0.6 / 18 | **13** Th | 0418 | −0.2 / −6 | **28** F | 0504 | 1.3 / 40 |
| | 0932 | 10.3 / 314 | | 1024 | 10.5 / 320 | | 1028 | 11.8 / 360 | | 1116 | 10.1 / 308 |
| | 1545 | −0.2 / −6 | | 1641 | −0.2 / −6 | | 1656 | −1.6 / −49 | | 1740 | 0.1 / 3 |
| | 2156 | 10.3 / 314 | ● | 2255 | 9.6 / 293 | ○ | 2307 | 10.3 / 314 | | 2355 | 8.8 / 268 |
| **14** Tu | 0403 | −0.1 / −3 | **29** W | 0450 | 0.7 / 21 | **14** F | 0507 | −0.3 / −9 | **29** Sa | 0543 | 1.4 / 43 |
| | 1014 | 10.9 / 332 | | 1102 | 10.4 / 317 | | 1117 | 12.0 / 366 | | 1154 | 10.1 / 308 |
| | 1631 | −0.8 / −24 | | 1722 | −0.1 / −3 | | 1746 | −1.7 / −52 | | 1819 | 0.2 / 6 |
| ○ | 2242 | 10.5 / 320 | | 2336 | 9.4 / 287 | | 2359 | 10.3 / 314 | | | |
| **15** W | 0447 | −0.3 / −9 | **30** Th | 0529 | 1.0 / 30 | **15** Sa | 0558 | −0.3 / −9 | **30** Su | 0034 | 8.7 / 265 |
| | 1056 | 11.4 / 347 | | 1140 | 10.3 / 314 | | 1208 | 12.0 / 366 | | 0623 | 1.4 / 43 |
| | 1718 | −1.2 / −37 | | 1802 | 0.0 / 0 | | 1838 | −1.6 / −49 | | 1234 | 9.9 / 302 |
| | 2328 | 10.5 / 320 | | | | | | | | 1859 | 0.4 / 12 |
| | | | **31** F | 0015 | 9.2 / 280 | | | | | | |
| | | | | 0608 | 1.2 / 37 | | | | | | |
| | | | | 1218 | 10.2 / 311 | | | | | | |
| | | | | 1842 | 0.2 / 6 | | | | | | |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0113 | 8.6 / 262 | **16** Tu | 0132 | 10.1 / 308 |
| | 0704 | 1.6 / 49 | | 0729 | −0.2 / −6 |
| | 1314 | 9.8 / 299 | | 1344 | 11.4 / 347 |
| | 1939 | 0.5 / 15 | | 2008 | −1.2 / −37 |
| **2** Tu | 0155 | 8.5 / 259 | **17** W | 0227 | 10.0 / 305 |
| | 0747 | 1.7 / 52 | | 0826 | 0.1 / 3 |
| | 1357 | 9.6 / 293 | | 1441 | 10.8 / 329 |
| | 2021 | 0.7 / 21 | | 2102 | −0.6 / −18 |
| **3** W | 0237 | 8.5 / 259 | **18** Th | 0323 | 9.9 / 302 |
| | 0832 | 1.8 / 55 | | 0925 | 0.4 / 12 |
| | 1442 | 9.4 / 287 | | 1541 | 10.1 / 308 |
| | 2105 | 0.8 / 24 | | 2157 | −0.1 / −3 |
| **4** Th | 0322 | 8.5 / 259 | **19** F | 0421 | 9.7 / 296 |
| | 0920 | 1.8 / 55 | | 1026 | 0.7 / 21 |
| | 1529 | 9.2 / 280 | | 1642 | 9.5 / 290 |
| | 2151 | 0.9 / 27 | ◑ | 2254 | 0.5 / 15 |
| **5** F | 0409 | 8.7 / 265 | **20** Sa | 0518 | 9.6 / 293 |
| | 1012 | 1.7 / 52 | | 1129 | 0.9 / 27 |
| | 1621 | 9.0 / 274 | | 1745 | 9.0 / 274 |
| ◐ | 2240 | 1.0 / 30 | | 2350 | 0.9 / 27 |
| **6** Sa | 0457 | 8.9 / 271 | **21** Su | 0615 | 9.6 / 293 |
| | 1107 | 1.5 / 46 | | 1233 | 0.9 / 27 |
| | 1715 | 8.9 / 271 | | 1848 | 8.6 / 262 |
| | 2330 | 0.9 / 27 | | | |
| **7** Su | 0547 | 9.3 / 283 | **22** M | 0047 | 1.3 / 40 |
| | 1203 | 1.1 / 34 | | 0710 | 9.5 / 290 |
| | 1811 | 9.0 / 274 | | 1334 | 0.8 / 24 |
| | | | | 1948 | 8.4 / 256 |
| **8** M | 0022 | 0.8 / 24 | **23** Tu | 0141 | 1.5 / 46 |
| | 0638 | 9.8 / 299 | | 0802 | 9.6 / 293 |
| | 1300 | 0.5 / 15 | | 1429 | 0.7 / 21 |
| | 1908 | 9.1 / 277 | | 2043 | 8.4 / 256 |
| **9** Tu | 0115 | 0.6 / 18 | **24** W | 0231 | 1.5 / 46 |
| | 0729 | 10.4 / 317 | | 0850 | 9.7 / 296 |
| | 1356 | −0.1 / −3 | | 1518 | 0.5 / 15 |
| | 2005 | 9.3 / 283 | | 2132 | 8.4 / 256 |
| **10** W | 0209 | 0.4 / 12 | **25** Th | 0317 | 1.5 / 46 |
| | 0821 | 11.0 / 335 | | 0934 | 9.8 / 299 |
| | 1451 | −0.7 / −21 | | 1602 | 0.4 / 12 |
| | 2100 | 9.6 / 293 | | 2216 | 8.5 / 259 |
| **11** Th | 0302 | 0.1 / 3 | **26** F | 0400 | 1.5 / 46 |
| | 0914 | 11.5 / 351 | | 1016 | 9.9 / 302 |
| | 1544 | −1.3 / −40 | | 1642 | 0.3 / 9 |
| | 2155 | 9.8 / 299 | | 2257 | 8.5 / 259 |
| **12** F | 0354 | −0.2 / −6 | **27** Sa | 0441 | 1.4 / 43 |
| | 1006 | 11.9 / 363 | | 1056 | 10.0 / 305 |
| | 1638 | −1.7 / −52 | | 1720 | 0.2 / 6 |
| ○ | 2249 | 10.0 / 305 | ● | 2335 | 8.6 / 262 |
| **13** Sa | 0447 | −0.4 / −12 | **28** Su | 0521 | 1.3 / 40 |
| | 1100 | 12.1 / 369 | | 1135 | 10.0 / 305 |
| | 1730 | −1.9 / −58 | | 1758 | 0.1 / 3 |
| | 2343 | 10.2 / 311 | | | |
| **14** Su | 0540 | −0.5 / −15 | **29** M | 0012 | 8.7 / 265 |
| | 1154 | 12.1 / 369 | | 0601 | 1.2 / 37 |
| | 1823 | −1.8 / −55 | | 1213 | 10.0 / 305 |
| | | | | 1835 | 0.1 / 3 |
| **15** M | 0037 | 10.2 / 311 | **30** Tu | 0050 | 8.8 / 268 |
| | 0634 | −0.4 / −12 | | 0641 | 1.1 / 34 |
| | 1248 | 11.8 / 360 | | 1252 | 9.9 / 302 |
| | 1915 | −1.6 / −49 | | 1913 | 0.2 / 6 |
| | | | **31** W | 0127 | 8.8 / 268 |
| | | | | 0722 | 1.1 / 34 |
| | | | | 1331 | 9.8 / 299 |
| | | | | 1952 | 0.2 / 6 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Nantucket, Massachusetts, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Tu | 0637 | 3.2 98 | **16** W | 0549 | 3.6 110 |
| | 1248 | 0.5 15 | | 1159 | 0.0 0 |
| | 1909 | 2.5 76 | | 1825 | 2.7 82 |
| | | | | 2359 | 0.2 6 |
| **2** W | 0044 | 0.6 18 | **17** Th | 0645 | 3.7 113 |
| | 0724 | 3.2 98 | | 1302 | −0.1 −3 |
| | 1346 | 0.4 12 | | 1928 | 2.6 79 |
| | 2006 | 2.4 73 | | | |
| **3** Th | 0132 | 0.7 21 | **18** F | 0057 | 0.2 6 |
| | 0811 | 3.3 101 | | 0744 | 3.9 119 |
| | 1440 | 0.4 12 | | 1405 | −0.2 −6 |
| | 2100 | 2.3 70 | | 2033 | 2.5 76 |
| **4** F | 0219 | 0.7 21 | **19** Sa | 0156 | 0.2 6 |
| | 0856 | 3.3 101 | | 0844 | 3.9 119 |
| | 1528 | 0.3 9 | | 1506 | −0.3 −9 |
| | 2149 | 2.3 70 | | 2137 | 2.6 79 |
| **5** Sa | 0304 | 0.8 24 | **20** Su | 0255 | 0.1 3 |
| | 0941 | 3.4 104 | | 0945 | 4.0 122 |
| | 1612 | 0.2 6 | | 1603 | −0.3 −9 |
| | 2234 | 2.3 70 | | 2237 | 2.6 79 |
| **6** Su | 0347 | 0.7 21 | **21** M | 0353 | 0.1 3 |
| | 1025 | 3.4 104 | | 1043 | 4.0 122 |
| | 1653 | 0.2 6 | | 1657 | −0.4 −12 |
| | 2316 | 2.4 73 | | 2333 | 2.7 82 |
| **7** M | 0429 | 0.7 21 | **22** Tu ○ | 0449 | 0.0 0 |
| | 1107 | 3.5 107 | | 1139 | 4.0 122 |
| | 1731 | 0.1 3 | | 1748 | −0.4 −12 |
| | 2356 | 2.4 73 | | | |
| **8** Tu ● | 0510 | 0.6 18 | **23** W | 0026 | 2.9 88 |
| | 1149 | 3.5 107 | | 0544 | 0.0 0 |
| | 1809 | 0.1 3 | | 1232 | 3.9 119 |
| | | | | 1836 | −0.3 −9 |
| **9** W | 0035 | 2.5 76 | **24** Th | 0115 | 3.0 91 |
| | 0551 | 0.5 15 | | 0637 | 0.0 0 |
| | 1231 | 3.6 110 | | 1323 | 3.7 113 |
| | 1846 | 0.0 0 | | 1922 | −0.2 −6 |
| **10** Th | 0115 | 2.6 79 | **25** F | 0202 | 3.0 91 |
| | 0634 | 0.5 15 | | 0730 | 0.1 3 |
| | 1314 | 3.5 107 | | 1412 | 3.5 107 |
| | 1924 | 0.0 0 | | 2007 | −0.1 −3 |
| **11** F | 0156 | 2.7 82 | **26** Sa | 0246 | 3.1 94 |
| | 0719 | 0.4 12 | | 0823 | 0.1 3 |
| | 1357 | 3.5 107 | | 1500 | 3.2 98 |
| | 2003 | 0.0 0 | | 2051 | 0.0 0 |
| **12** Sa | 0238 | 2.9 88 | **27** Su | 0330 | 3.1 94 |
| | 0807 | 0.3 9 | | 0917 | 0.2 6 |
| | 1444 | 3.4 104 | | 1549 | 3.0 91 |
| | 2044 | 0.0 0 | | 2136 | 0.2 6 |
| **13** Su | 0321 | 3.0 91 | **28** M | 0414 | 3.2 98 |
| | 0900 | 0.2 6 | | 1012 | 0.3 9 |
| | 1533 | 3.2 98 | | 1639 | 2.7 82 |
| | 2128 | 0.0 0 | | 2222 | 0.4 12 |
| **14** M | 0407 | 3.2 98 | **29** Tu | 0459 | 3.2 98 |
| | 0956 | 0.1 3 | | 1108 | 0.4 12 |
| | 1626 | 3.0 91 | | 1730 | 2.5 76 |
| | 2215 | 0.0 0 | | 2309 | 0.6 18 |
| **15** Tu ◐ | 0456 | 3.4 104 | **30** W ◑ | 0546 | 3.2 98 |
| | 1056 | 0.1 3 | | 1206 | 0.4 12 |
| | 1724 | 2.9 88 | | 1824 | 2.4 73 |
| | 2305 | 0.1 3 | | 2358 | 0.7 21 |
| | | | **31** Th | 0635 | 3.2 98 |
| | | | | 1304 | 0.4 12 |
| | | | | 1919 | 2.3 70 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** F | 0049 | 0.7 21 | **16** Sa | 0040 | 0.2 6 |
| | 0725 | 3.2 98 | | 0732 | 3.7 113 |
| | 1359 | 0.4 12 | | 1351 | −0.1 −3 |
| | 2013 | 2.2 67 | | 2024 | 2.5 76 |
| **2** Sa | 0139 | 0.8 24 | **17** Su | 0143 | 0.2 6 |
| | 0816 | 3.2 98 | | 0836 | 3.8 116 |
| | 1450 | 0.4 12 | | 1453 | −0.1 −3 |
| | 2105 | 2.2 67 | | 2128 | 2.6 79 |
| **3** Su | 0228 | 0.7 21 | **18** M | 0245 | 0.2 6 |
| | 0906 | 3.3 101 | | 0938 | 3.8 116 |
| | 1537 | 0.3 9 | | 1549 | −0.2 −6 |
| | 2153 | 2.3 70 | | 2226 | 2.7 82 |
| **4** M | 0314 | 0.7 21 | **19** Tu | 0344 | 0.1 3 |
| | 0954 | 3.3 101 | | 1036 | 3.7 113 |
| | 1619 | 0.2 6 | | 1640 | −0.2 −6 |
| | 2238 | 2.4 73 | | 2319 | 2.8 85 |
| **5** Tu | 0359 | 0.6 18 | **20** W ○ | 0440 | 0.1 3 |
| | 1039 | 3.4 104 | | 1130 | 3.6 110 |
| | 1658 | 0.1 3 | | 1727 | −0.2 −6 |
| | 2320 | 2.5 76 | | | |
| **6** W ● | 0443 | 0.4 12 | **21** Th | 0006 | 3.0 91 |
| | 1124 | 3.5 107 | | 0533 | 0.0 0 |
| | 1735 | 0.1 3 | | 1220 | 3.5 107 |
| | | | | 1811 | −0.1 −3 |
| **7** Th | 0001 | 2.6 79 | **22** F | 0050 | 3.1 94 |
| | 0527 | 0.3 9 | | 0623 | 0.0 0 |
| | 1207 | 3.5 107 | | 1306 | 3.4 104 |
| | 1813 | 0.0 0 | | 1853 | 0.0 0 |
| **8** F | 0042 | 2.8 85 | **23** Sa | 0130 | 3.1 94 |
| | 0613 | 0.1 3 | | 0712 | 0.0 0 |
| | 1252 | 3.5 107 | | 1351 | 3.2 98 |
| | 1851 | −0.1 −3 | | 1934 | 0.1 3 |
| **9** Sa | 0123 | 3.0 91 | **24** Su | 0209 | 3.2 98 |
| | 0700 | 0.0 0 | | 0800 | 0.0 0 |
| | 1338 | 3.4 104 | | 1435 | 3.0 91 |
| | 1931 | −0.1 −3 | | 2015 | 0.2 6 |
| **10** Su | 0205 | 3.2 98 | **25** M | 0248 | 3.2 98 |
| | 0750 | −0.1 −3 | | 0848 | 0.1 3 |
| | 1426 | 3.3 101 | | 1519 | 2.8 85 |
| | 2013 | −0.1 −3 | | 2056 | 0.4 12 |
| **11** M | 0250 | 3.4 104 | **26** Tu | 0329 | 3.2 98 |
| | 0843 | −0.2 −6 | | 0938 | 0.2 6 |
| | 1517 | 3.1 94 | | 1604 | 2.6 79 |
| | 2059 | −0.1 −3 | | 2140 | 0.5 15 |
| **12** Tu | 0339 | 3.5 107 | **27** W | 0412 | 3.2 98 |
| | 0940 | −0.2 −6 | | 1029 | 0.3 9 |
| | 1612 | 2.9 88 | | 1652 | 2.5 76 |
| | 2148 | 0.0 0 | | 2226 | 0.6 18 |
| **13** W ◐ | 0431 | 3.6 110 | **28** Th ◑ | 0459 | 3.1 94 |
| | 1039 | −0.2 −6 | | 1123 | 0.3 9 |
| | 1710 | 2.7 82 | | 1742 | 2.3 70 |
| | 2241 | 0.1 3 | | 2314 | 0.7 21 |
| **14** Th | 0527 | 3.7 113 | **29** F | 0549 | 3.1 94 |
| | 1142 | −0.1 −3 | | 1218 | 0.4 12 |
| | 1812 | 2.6 79 | | 1835 | 2.3 70 |
| | 2339 | 0.2 6 | | | |
| **15** F | 0628 | 3.7 113 | | | |
| | 1247 | −0.1 −3 | | | |
| | 1918 | 2.5 76 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0006 | 0.8 24 | **16** Su | 0029 | 0.3 9 |
| | 0642 | 3.1 94 | | 0722 | 3.6 110 |
| | 1313 | 0.4 12 | | 1336 | 0.0 0 |
| | 1928 | 2.2 67 | | 2014 | 2.6 79 |
| **2** Su | 0059 | 0.8 24 | **17** M | 0135 | 0.3 9 |
| | 0736 | 3.1 94 | | 0828 | 3.5 107 |
| | 1406 | 0.4 12 | | 1435 | 0.0 0 |
| | 2021 | 2.3 70 | | 2116 | 2.7 82 |
| **3** M | 0151 | 0.7 21 | **18** Tu | 0238 | 0.2 6 |
| | 0829 | 3.2 98 | | 0930 | 3.5 107 |
| | 1453 | 0.3 9 | | 1529 | 0.0 0 |
| | 2111 | 2.4 73 | | 2211 | 2.9 88 |
| **4** Tu | 0241 | 0.6 18 | **19** W | 0337 | 0.2 6 |
| | 0919 | 3.3 101 | | 1028 | 3.4 104 |
| | 1536 | 0.3 9 | | 1617 | 0.0 0 |
| | 2157 | 2.5 76 | | 2259 | 3.0 91 |
| **5** W | 0330 | 0.4 12 | **20** Th | 0431 | 0.1 3 |
| | 1008 | 3.3 101 | | 1119 | 3.3 101 |
| | 1617 | 0.2 6 | | 1701 | 0.1 3 |
| | 2241 | 2.7 82 | | 2342 | 3.1 94 |
| **6** Th | 0417 | 0.2 6 | **21** F ○ | 0521 | 0.0 0 |
| | 1055 | 3.4 104 | | 1206 | 3.1 94 |
| | 1656 | 0.0 0 | | 1742 | 0.2 6 |
| | 2323 | 2.9 88 | | | |
| **7** F ● | 0505 | 0.0 0 | **22** Sa | 0020 | 3.2 98 |
| | 1142 | 3.4 104 | | 0608 | 0.0 0 |
| | 1736 | 0.0 0 | | 1249 | 3.0 91 |
| | | | | 1821 | 0.2 6 |
| **8** Sa | 0005 | 3.2 98 | **23** Su | 0056 | 3.2 98 |
| | 0553 | −0.2 −6 | | 0653 | −0.1 −3 |
| | 1230 | 3.4 104 | | 1330 | 2.9 88 |
| | 1817 | −0.1 −3 | | 1900 | 0.3 9 |
| **9** Su | 0049 | 3.4 104 | **24** M | 0131 | 3.3 101 |
| | 0643 | −0.3 −9 | | 0736 | 0.0 0 |
| | 1319 | 3.3 101 | | 1410 | 2.7 82 |
| | 1900 | −0.1 −3 | | 1939 | 0.4 12 |
| **10** M | 0134 | 3.6 110 | **25** Tu | 0208 | 3.3 101 |
| | 0734 | −0.4 −12 | | 0820 | 0.0 0 |
| | 1410 | 3.1 94 | | 1451 | 2.6 79 |
| | 1945 | −0.1 −3 | | 2019 | 0.5 15 |
| **11** Tu | 0223 | 3.7 113 | **26** W | 0248 | 3.2 98 |
| | 0828 | −0.5 −15 | | 0906 | 0.1 3 |
| | 1503 | 3.0 91 | | 1534 | 2.5 76 |
| | 2033 | 0.0 0 | | 2101 | 0.6 18 |
| **12** W | 0315 | 3.8 116 | **27** Th | 0332 | 3.2 98 |
| | 0925 | −0.4 −12 | | 0953 | 0.2 6 |
| | 1600 | 2.8 85 | | 1619 | 2.4 73 |
| | 2126 | 0.1 3 | | 2146 | 0.7 21 |
| **13** Th | 0411 | 3.8 116 | **28** F | 0419 | 3.2 98 |
| | 1024 | −0.3 −9 | | 1042 | 0.3 9 |
| | 1659 | 2.7 82 | | 1706 | 2.4 73 |
| | 2223 | 0.2 6 | | 2234 | 0.8 24 |
| **14** F ◐ | 0511 | 3.8 116 | **29** Sa ◑ | 0509 | 3.1 94 |
| | 1127 | −0.2 −6 | | 1134 | 0.4 12 |
| | 1803 | 2.6 79 | | 1757 | 2.3 70 |
| | 2324 | 0.3 9 | | 2326 | 0.8 24 |
| **15** Sa | 0615 | 3.7 113 | **30** Su | 0602 | 3.1 94 |
| | 1232 | −0.1 −3 | | 1227 | 0.4 12 |
| | 1909 | 2.6 79 | | 1848 | 2.3 70 |
| | | | **31** M | 0020 | 0.7 21 |
| | | | | 0656 | 3.1 94 |
| | | | | 1317 | 0.4 12 |
| | | | | 1939 | 2.4 73 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Nantucket, Massachusetts, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0114 | 0.6 | 18 |
| | 0749 | 3.1 | 94 |
| | 1405 | 0.3 | 9 |
| | 2028 | 2.6 | 79 |
| **2** W | 0208 | 0.5 | 15 |
| | 0842 | 3.1 | 94 |
| | 1450 | 0.3 | 9 |
| | 2115 | 2.8 | 85 |
| **3** Th | 0301 | 0.3 | 9 |
| | 0935 | 3.2 | 98 |
| | 1533 | 0.2 | 6 |
| | 2200 | 3.0 | 91 |
| **4** F | 0352 | 0.0 | 0 |
| | 1026 | 3.2 | 98 |
| | 1616 | 0.1 | 3 |
| | 2245 | 3.3 | 101 |
| **5** Sa ● | 0443 | −0.2 | −6 |
| | 1117 | 3.2 | 98 |
| | 1659 | 0.0 | 0 |
| | 2330 | 3.6 | 110 |
| **6** Su | 0534 | −0.5 | −15 |
| | 1209 | 3.2 | 98 |
| | 1744 | −0.1 | −3 |
| **7** M | 0018 | 3.8 | 116 |
| | 0626 | −0.6 | −18 |
| | 1301 | 3.1 | 94 |
| | 1831 | −0.1 | −3 |
| **8** Tu | 0107 | 4.0 | 122 |
| | 0719 | −0.7 | −21 |
| | 1355 | 3.0 | 91 |
| | 1920 | 0.0 | 0 |
| **9** W | 0200 | 4.0 | 122 |
| | 0813 | −0.6 | −18 |
| | 1451 | 2.9 | 88 |
| | 2012 | 0.0 | 0 |
| **10** Th | 0256 | 4.0 | 122 |
| | 0910 | −0.5 | −15 |
| | 1548 | 2.8 | 85 |
| | 2108 | 0.1 | 3 |
| **11** F | 0355 | 3.9 | 119 |
| | 1009 | −0.4 | −12 |
| | 1649 | 2.8 | 85 |
| | 2208 | 0.2 | 6 |
| **12** Sa ◐ | 0457 | 3.8 | 116 |
| | 1111 | −0.2 | −6 |
| | 1752 | 2.7 | 82 |
| | 2313 | 0.3 | 9 |
| **13** Su | 0602 | 3.6 | 110 |
| | 1214 | −0.1 | −3 |
| | 1856 | 2.8 | 85 |
| **14** M | 0020 | 0.3 | 9 |
| | 0709 | 3.4 | 104 |
| | 1314 | 0.0 | 0 |
| | 1958 | 2.9 | 88 |
| **15** Tu | 0127 | 0.3 | 9 |
| | 0814 | 3.3 | 101 |
| | 1411 | 0.1 | 3 |
| | 2056 | 3.0 | 91 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0231 | 0.3 | 9 |
| | 0917 | 3.2 | 98 |
| | 1502 | 0.2 | 6 |
| | 2147 | 3.1 | 94 |
| **17** Th | 0329 | 0.2 | 6 |
| | 1014 | 3.0 | 91 |
| | 1547 | 0.3 | 9 |
| | 2232 | 3.2 | 98 |
| **18** F | 0421 | 0.1 | 3 |
| | 1105 | 2.9 | 88 |
| | 1629 | 0.4 | 12 |
| | 2311 | 3.3 | 101 |
| **19** Sa | 0508 | 0.0 | 0 |
| | 1150 | 2.8 | 85 |
| | 1709 | 0.4 | 12 |
| | 2347 | 3.3 | 101 |
| **20** Su ○ | 0551 | 0.0 | 0 |
| | 1231 | 2.7 | 82 |
| | 1748 | 0.5 | 15 |
| **21** M | 0021 | 3.3 | 101 |
| | 0632 | 0.0 | 0 |
| | 1310 | 2.6 | 79 |
| | 1826 | 0.6 | 18 |
| **22** Tu | 0057 | 3.4 | 104 |
| | 0713 | 0.0 | 0 |
| | 1347 | 2.6 | 79 |
| | 1905 | 0.6 | 18 |
| **23** W | 0135 | 3.3 | 101 |
| | 0754 | 0.0 | 0 |
| | 1426 | 2.5 | 76 |
| | 1945 | 0.7 | 21 |
| **24** Th | 0215 | 3.3 | 101 |
| | 0837 | 0.1 | 3 |
| | 1507 | 2.5 | 76 |
| | 2027 | 0.7 | 21 |
| **25** F | 0259 | 3.3 | 101 |
| | 0921 | 0.2 | 6 |
| | 1550 | 2.5 | 76 |
| | 2111 | 0.8 | 24 |
| **26** Sa | 0345 | 3.2 | 98 |
| | 1007 | 0.2 | 6 |
| | 1636 | 2.4 | 73 |
| | 2158 | 0.8 | 24 |
| **27** Su | 0434 | 3.2 | 98 |
| | 1054 | 0.3 | 9 |
| | 1723 | 2.5 | 76 |
| | 2249 | 0.8 | 24 |
| **28** M ◑ | 0525 | 3.1 | 94 |
| | 1142 | 0.3 | 9 |
| | 1811 | 2.6 | 79 |
| | 2344 | 0.7 | 21 |
| **29** Tu | 0617 | 3.1 | 94 |
| | 1230 | 0.3 | 9 |
| | 1859 | 2.7 | 82 |
| **30** W | 0041 | 0.6 | 18 |
| | 0711 | 3.1 | 94 |
| | 1317 | 0.3 | 9 |
| | 1947 | 2.9 | 88 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0138 | 0.4 | 12 |
| | 0806 | 3.0 | 91 |
| | 1403 | 0.2 | 6 |
| | 2034 | 3.2 | 98 |
| **2** F | 0234 | 0.1 | 3 |
| | 0902 | 3.0 | 91 |
| | 1450 | 0.2 | 6 |
| | 2121 | 3.5 | 107 |
| **3** Sa | 0329 | −0.1 | −3 |
| | 0958 | 3.0 | 91 |
| | 1537 | 0.1 | 3 |
| | 2210 | 3.7 | 113 |
| **4** Su | 0422 | −0.4 | −12 |
| | 1053 | 3.0 | 91 |
| | 1625 | 0.1 | 3 |
| | 2300 | 4.0 | 122 |
| **5** M ● | 0516 | −0.6 | −18 |
| | 1149 | 3.0 | 91 |
| | 1714 | 0.0 | 0 |
| | 2352 | 4.2 | 128 |
| **6** Tu | 0609 | −0.7 | −21 |
| | 1244 | 3.0 | 91 |
| | 1805 | 0.0 | 0 |
| **7** W | 0046 | 4.2 | 128 |
| | 0703 | −0.7 | −21 |
| | 1340 | 2.9 | 88 |
| | 1858 | 0.0 | 0 |
| **8** Th | 0142 | 4.2 | 128 |
| | 0758 | −0.7 | −21 |
| | 1437 | 2.9 | 88 |
| | 1954 | 0.1 | 3 |
| **9** F | 0240 | 4.1 | 125 |
| | 0854 | −0.5 | −15 |
| | 1535 | 2.9 | 88 |
| | 2053 | 0.2 | 6 |
| **10** Sa | 0340 | 4.0 | 122 |
| | 0952 | −0.4 | −12 |
| | 1634 | 2.9 | 88 |
| | 2155 | 0.3 | 9 |
| **11** Su ◐ | 0442 | 3.7 | 113 |
| | 1051 | −0.2 | −6 |
| | 1735 | 3.0 | 91 |
| | 2300 | 0.3 | 9 |
| **12** M | 0545 | 3.5 | 107 |
| | 1149 | 0.0 | 0 |
| | 1835 | 3.0 | 91 |
| **13** Tu | 0008 | 0.4 | 12 |
| | 0649 | 3.3 | 101 |
| | 1245 | 0.1 | 3 |
| | 1933 | 3.1 | 94 |
| **14** W | 0115 | 0.4 | 12 |
| | 0753 | 3.1 | 94 |
| | 1339 | 0.3 | 9 |
| | 2026 | 3.2 | 98 |
| **15** Th | 0218 | 0.3 | 9 |
| | 0856 | 2.9 | 88 |
| | 1428 | 0.4 | 12 |
| | 2115 | 3.3 | 101 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0315 | 0.2 | 6 |
| | 0953 | 2.8 | 85 |
| | 1513 | 0.5 | 15 |
| | 2158 | 3.4 | 104 |
| **17** Sa | 0405 | 0.2 | 6 |
| | 1045 | 2.7 | 82 |
| | 1556 | 0.6 | 18 |
| | 2237 | 3.4 | 104 |
| **18** Su | 0450 | 0.1 | 3 |
| | 1130 | 2.6 | 79 |
| | 1636 | 0.7 | 21 |
| | 2314 | 3.4 | 104 |
| **19** M ○ | 0531 | 0.1 | 3 |
| | 1210 | 2.5 | 76 |
| | 1716 | 0.7 | 21 |
| | 2350 | 3.4 | 104 |
| **20** Tu | 0611 | 0.1 | 3 |
| | 1247 | 2.5 | 76 |
| | 1755 | 0.7 | 21 |
| **21** W | 0028 | 3.4 | 104 |
| | 0650 | 0.1 | 3 |
| | 1323 | 2.5 | 76 |
| | 1835 | 0.8 | 24 |
| **22** Th | 0107 | 3.4 | 104 |
| | 0730 | 0.1 | 3 |
| | 1401 | 2.5 | 76 |
| | 1915 | 0.8 | 24 |
| **23** F | 0148 | 3.4 | 104 |
| | 0810 | 0.1 | 3 |
| | 1441 | 2.5 | 76 |
| | 1956 | 0.8 | 24 |
| **24** Sa | 0231 | 3.4 | 104 |
| | 0851 | 0.2 | 6 |
| | 1523 | 2.5 | 76 |
| | 2040 | 0.8 | 24 |
| **25** Su | 0316 | 3.3 | 101 |
| | 0933 | 0.2 | 6 |
| | 1607 | 2.6 | 79 |
| | 2127 | 0.8 | 24 |
| **26** M | 0403 | 3.3 | 101 |
| | 1016 | 0.2 | 6 |
| | 1651 | 2.7 | 82 |
| | 2219 | 0.7 | 21 |
| **27** Tu ◑ | 0452 | 3.2 | 98 |
| | 1100 | 0.2 | 6 |
| | 1736 | 2.8 | 85 |
| | 2314 | 0.6 | 18 |
| **28** W | 0543 | 3.1 | 94 |
| | 1146 | 0.3 | 9 |
| | 1822 | 3.0 | 91 |
| **29** Th | 0012 | 0.5 | 15 |
| | 0638 | 3.0 | 91 |
| | 1233 | 0.3 | 9 |
| | 1909 | 3.3 | 101 |
| **30** F | 0111 | 0.3 | 9 |
| | 0735 | 2.9 | 88 |
| | 1322 | 0.2 | 6 |
| | 1958 | 3.6 | 110 |
| **31** Sa | 0210 | 0.0 | 0 |
| | 0833 | 2.9 | 88 |
| | 1412 | 0.2 | 6 |
| | 2049 | 3.8 | 116 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0307 | −0.2 | −6 |
| | 0932 | 2.8 | 85 |
| | 1504 | 0.2 | 6 |
| | 2141 | 4.1 | 125 |
| **2** M | 0403 | −0.4 | −12 |
| | 1031 | 2.8 | 85 |
| | 1556 | 0.1 | 3 |
| | 2236 | 4.2 | 128 |
| **3** Tu ● | 0458 | −0.6 | −18 |
| | 1130 | 2.9 | 88 |
| | 1650 | 0.1 | 3 |
| | 2332 | 4.3 | 131 |
| **4** W | 0553 | −0.6 | −18 |
| | 1227 | 2.9 | 88 |
| | 1744 | 0.0 | 0 |
| **5** Th | 0029 | 4.4 | 134 |
| | 0647 | −0.6 | −18 |
| | 1324 | 2.9 | 88 |
| | 1840 | 0.0 | 0 |
| **6** F | 0127 | 4.3 | 131 |
| | 0741 | −0.5 | −15 |
| | 1421 | 3.0 | 91 |
| | 1938 | 0.1 | 3 |
| **7** Sa | 0225 | 4.1 | 125 |
| | 0836 | −0.4 | −12 |
| | 1517 | 3.1 | 94 |
| | 2037 | 0.2 | 6 |
| **8** Su | 0323 | 3.9 | 119 |
| | 0930 | −0.3 | −9 |
| | 1614 | 3.1 | 94 |
| | 2139 | 0.3 | 9 |
| **9** M | 0422 | 3.6 | 110 |
| | 1024 | −0.1 | −3 |
| | 1710 | 3.2 | 98 |
| | 2244 | 0.4 | 12 |
| **10** Tu ◐ | 0522 | 3.4 | 104 |
| | 1118 | 0.1 | 3 |
| | 1805 | 3.3 | 101 |
| | 2349 | 0.4 | 12 |
| **11** W | 0623 | 3.1 | 94 |
| | 1210 | 0.3 | 9 |
| | 1858 | 3.3 | 101 |
| **12** Th | 0055 | 0.4 | 12 |
| | 0725 | 2.9 | 88 |
| | 1301 | 0.5 | 15 |
| | 1949 | 3.4 | 104 |
| **13** F | 0156 | 0.4 | 12 |
| | 0826 | 2.7 | 82 |
| | 1350 | 0.6 | 18 |
| | 2036 | 3.4 | 104 |
| **14** Sa | 0252 | 0.3 | 9 |
| | 0924 | 2.6 | 79 |
| | 1437 | 0.7 | 21 |
| | 2120 | 3.4 | 104 |
| **15** Su | 0342 | 0.3 | 9 |
| | 1016 | 2.5 | 76 |
| | 1522 | 0.8 | 24 |
| | 2202 | 3.5 | 107 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0427 | 0.3 | 9 |
| | 1101 | 2.5 | 76 |
| | 1604 | 0.8 | 24 |
| | 2242 | 3.5 | 107 |
| **17** Tu | 0509 | 0.2 | 6 |
| | 1141 | 2.5 | 76 |
| | 1646 | 0.8 | 24 |
| | 2322 | 3.5 | 107 |
| **18** W ○ | 0548 | 0.2 | 6 |
| | 1218 | 2.5 | 76 |
| | 1726 | 0.8 | 24 |
| **19** Th | 0003 | 3.5 | 107 |
| | 0626 | 0.2 | 6 |
| | 1256 | 2.5 | 76 |
| | 1806 | 0.8 | 24 |
| **20** F | 0043 | 3.5 | 107 |
| | 0704 | 0.2 | 6 |
| | 1334 | 2.5 | 76 |
| | 1847 | 0.8 | 24 |
| **21** Sa | 0124 | 3.5 | 107 |
| | 0742 | 0.2 | 6 |
| | 1413 | 2.6 | 79 |
| | 1929 | 0.7 | 21 |
| **22** Su | 0206 | 3.5 | 107 |
| | 0820 | 0.2 | 6 |
| | 1454 | 2.7 | 82 |
| | 2014 | 0.7 | 21 |
| **23** M | 0250 | 3.4 | 104 |
| | 0859 | 0.2 | 6 |
| | 1535 | 2.8 | 85 |
| | 2101 | 0.6 | 18 |
| **24** Tu | 0336 | 3.3 | 101 |
| | 0940 | 0.2 | 6 |
| | 1618 | 3.0 | 91 |
| | 2153 | 0.6 | 18 |
| **25** W | 0424 | 3.2 | 98 |
| | 1023 | 0.2 | 6 |
| | 1702 | 3.2 | 98 |
| | 2249 | 0.5 | 15 |
| **26** Th ◑ | 0516 | 3.1 | 94 |
| | 1108 | 0.3 | 9 |
| | 1748 | 3.4 | 104 |
| | 2348 | 0.3 | 9 |
| **27** F | 0611 | 2.9 | 88 |
| | 1157 | 0.3 | 9 |
| | 1837 | 3.6 | 110 |
| **28** Sa | 0048 | 0.2 | 6 |
| | 0710 | 2.8 | 85 |
| | 1248 | 0.3 | 9 |
| | 1929 | 3.8 | 116 |
| **29** Su | 0148 | 0.0 | 0 |
| | 0810 | 2.8 | 85 |
| | 1342 | 0.3 | 9 |
| | 2024 | 4.0 | 122 |
| **30** M | 0248 | −0.2 | −6 |
| | 0912 | 2.7 | 82 |
| | 1438 | 0.2 | 6 |
| | 2121 | 4.2 | 128 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Nantucket, Massachusetts, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0346 | −0.3 | −9 |
| | 1013 | 2.8 | 85 |
| | 1535 | 0.2 | 6 |
| | 2220 | 4.3 | 131 |
| **2** W ● | 0442 | −0.4 | −12 |
| | 1113 | 2.8 | 85 |
| | 1631 | 0.1 | 3 |
| | 2318 | 4.4 | 134 |
| **3** Th | 0536 | −0.4 | −12 |
| | 1210 | 2.9 | 88 |
| | 1728 | 0.1 | 3 |
| **4** F | 0016 | 4.3 | 131 |
| | 0629 | −0.4 | −12 |
| | 1306 | 3.0 | 91 |
| | 1825 | 0.1 | 3 |
| **5** Sa | 0113 | 4.2 | 128 |
| | 0721 | −0.3 | −9 |
| | 1400 | 3.1 | 94 |
| | 1922 | 0.1 | 3 |
| **6** Su | 0209 | 4.0 | 122 |
| | 0812 | −0.2 | −6 |
| | 1453 | 3.3 | 101 |
| | 2021 | 0.2 | 6 |
| **7** M | 0304 | 3.8 | 116 |
| | 0902 | −0.1 | −3 |
| | 1545 | 3.3 | 101 |
| | 2120 | 0.3 | 9 |
| **8** Tu | 0359 | 3.5 | 107 |
| | 0952 | 0.1 | 3 |
| | 1636 | 3.4 | 104 |
| | 2221 | 0.4 | 12 |
| **9** W ◐ | 0455 | 3.2 | 98 |
| | 1041 | 0.3 | 9 |
| | 1726 | 3.4 | 104 |
| | 2323 | 0.4 | 12 |
| **10** Th | 0552 | 2.9 | 88 |
| | 1131 | 0.5 | 15 |
| | 1816 | 3.4 | 104 |
| **11** F | 0025 | 0.5 | 15 |
| | 0650 | 2.7 | 82 |
| | 1222 | 0.7 | 21 |
| | 1905 | 3.4 | 104 |
| **12** Sa | 0125 | 0.5 | 15 |
| | 0748 | 2.6 | 79 |
| | 1312 | 0.8 | 24 |
| | 1954 | 3.4 | 104 |
| **13** Su | 0221 | 0.5 | 15 |
| | 0845 | 2.5 | 76 |
| | 1401 | 0.9 | 27 |
| | 2041 | 3.4 | 104 |
| **14** M | 0312 | 0.4 | 12 |
| | 0937 | 2.4 | 73 |
| | 1448 | 0.9 | 27 |
| | 2128 | 3.5 | 107 |
| **15** Tu | 0358 | 0.4 | 12 |
| | 1023 | 2.4 | 73 |
| | 1533 | 0.9 | 27 |
| | 2212 | 3.5 | 107 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0441 | 0.4 | 12 |
| | 1105 | 2.5 | 76 |
| | 1617 | 0.9 | 27 |
| | 2255 | 3.5 | 107 |
| **17** Th | 0520 | 0.4 | 12 |
| | 1144 | 2.5 | 76 |
| | 1658 | 0.8 | 24 |
| | 2337 | 3.6 | 110 |
| **18** F ○ | 0557 | 0.3 | 9 |
| | 1223 | 2.6 | 79 |
| | 1740 | 0.7 | 21 |
| **19** Sa | 0019 | 3.6 | 110 |
| | 0633 | 0.3 | 9 |
| | 1301 | 2.7 | 82 |
| | 1821 | 0.7 | 21 |
| **20** Su | 0100 | 3.6 | 110 |
| | 0709 | 0.2 | 6 |
| | 1340 | 2.8 | 85 |
| | 1905 | 0.6 | 18 |
| **21** M | 0142 | 3.5 | 107 |
| | 0746 | 0.2 | 6 |
| | 1420 | 3.0 | 91 |
| | 1950 | 0.5 | 15 |
| **22** Tu | 0226 | 3.4 | 104 |
| | 0824 | 0.2 | 6 |
| | 1501 | 3.2 | 98 |
| | 2039 | 0.4 | 12 |
| **23** W | 0313 | 3.3 | 101 |
| | 0905 | 0.2 | 6 |
| | 1544 | 3.3 | 101 |
| | 2132 | 0.3 | 9 |
| **24** Th | 0402 | 3.2 | 98 |
| | 0949 | 0.3 | 9 |
| | 1629 | 3.5 | 107 |
| | 2228 | 0.3 | 9 |
| **25** F ◑ | 0456 | 3.0 | 91 |
| | 1036 | 0.3 | 9 |
| | 1718 | 3.7 | 113 |
| | 2327 | 0.2 | 6 |
| **26** Sa | 0552 | 2.9 | 88 |
| | 1128 | 0.4 | 12 |
| | 1812 | 3.9 | 119 |
| **27** Su | 0028 | 0.1 | 3 |
| | 0652 | 2.8 | 85 |
| | 1223 | 0.4 | 12 |
| | 1909 | 4.0 | 122 |
| **28** M | 0130 | 0.0 | 0 |
| | 0755 | 2.7 | 82 |
| | 1322 | 0.4 | 12 |
| | 2008 | 4.1 | 125 |
| **29** Tu | 0231 | 0.0 | 0 |
| | 0857 | 2.7 | 82 |
| | 1421 | 0.3 | 9 |
| | 2109 | 4.2 | 128 |
| **30** W | 0330 | −0.1 | −3 |
| | 0959 | 2.8 | 85 |
| | 1520 | 0.2 | 6 |
| | 2209 | 4.2 | 128 |
| **31** Th | 0425 | −0.2 | −6 |
| | 1058 | 2.9 | 88 |
| | 1619 | 0.2 | 6 |
| | 2308 | 4.2 | 128 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0518 | −0.2 | −6 |
| | 1153 | 3.1 | 94 |
| | 1716 | 0.1 | 3 |
| **2** Sa | 0004 | 4.1 | 125 |
| | 0608 | −0.2 | −6 |
| | 1245 | 3.2 | 98 |
| | 1811 | 0.1 | 3 |
| **3** Su | 0058 | 4.0 | 122 |
| | 0656 | −0.1 | −3 |
| | 1335 | 3.3 | 101 |
| | 1907 | 0.1 | 3 |
| **4** M | 0151 | 3.8 | 116 |
| | 0743 | 0.0 | 0 |
| | 1423 | 3.4 | 104 |
| | 2002 | 0.2 | 6 |
| **5** Tu | 0242 | 3.5 | 107 |
| | 0829 | 0.2 | 6 |
| | 1510 | 3.5 | 107 |
| | 2057 | 0.3 | 9 |
| **6** W | 0333 | 3.3 | 101 |
| | 0915 | 0.3 | 9 |
| | 1556 | 3.5 | 107 |
| | 2153 | 0.3 | 9 |
| **7** Th | 0425 | 3.0 | 91 |
| | 1002 | 0.5 | 15 |
| | 1643 | 3.5 | 107 |
| | 2250 | 0.4 | 12 |
| **8** F ◐ | 0518 | 2.8 | 85 |
| | 1051 | 0.7 | 21 |
| | 1730 | 3.4 | 104 |
| | 2348 | 0.5 | 15 |
| **9** Sa | 0612 | 2.6 | 79 |
| | 1142 | 0.8 | 24 |
| | 1820 | 3.4 | 104 |
| **10** Su | 0046 | 0.6 | 18 |
| | 0706 | 2.5 | 76 |
| | 1233 | 0.9 | 27 |
| | 1911 | 3.4 | 104 |
| **11** M | 0143 | 0.6 | 18 |
| | 0800 | 2.5 | 76 |
| | 1325 | 0.9 | 27 |
| | 2002 | 3.4 | 104 |
| **12** Tu | 0235 | 0.6 | 18 |
| | 0852 | 2.5 | 76 |
| | 1415 | 0.9 | 27 |
| | 2052 | 3.4 | 104 |
| **13** W | 0323 | 0.5 | 15 |
| | 0940 | 2.5 | 76 |
| | 1503 | 0.9 | 27 |
| | 2140 | 3.5 | 107 |
| **14** Th | 0405 | 0.5 | 15 |
| | 1024 | 2.6 | 79 |
| | 1548 | 0.8 | 24 |
| | 2226 | 3.5 | 107 |
| **15** F | 0444 | 0.5 | 15 |
| | 1105 | 2.7 | 82 |
| | 1631 | 0.7 | 21 |
| | 2309 | 3.6 | 110 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0520 | 0.4 | 12 |
| | 1144 | 2.8 | 85 |
| | 1714 | 0.6 | 18 |
| | 2352 | 3.6 | 110 |
| **17** Su | 0556 | 0.3 | 9 |
| | 1224 | 3.0 | 91 |
| | 1757 | 0.5 | 15 |
| **18** M | 0035 | 3.5 | 107 |
| | 0632 | 0.3 | 9 |
| | 1303 | 3.2 | 98 |
| | 1842 | 0.3 | 9 |
| **19** Tu | 0119 | 3.5 | 107 |
| | 0710 | 0.3 | 9 |
| | 1343 | 3.3 | 101 |
| | 1930 | 0.2 | 6 |
| **20** W | 0205 | 3.4 | 104 |
| | 0750 | 0.3 | 9 |
| | 1426 | 3.5 | 107 |
| | 2019 | 0.1 | 3 |
| **21** Th | 0254 | 3.2 | 98 |
| | 0833 | 0.3 | 9 |
| | 1512 | 3.7 | 113 |
| | 2113 | 0.1 | 3 |
| **22** F | 0345 | 3.1 | 94 |
| | 0919 | 0.3 | 9 |
| | 1601 | 3.8 | 116 |
| | 2209 | 0.1 | 3 |
| **23** Sa ◑ | 0441 | 3.0 | 91 |
| | 1010 | 0.4 | 12 |
| | 1655 | 3.9 | 119 |
| | 2309 | 0.1 | 3 |
| **24** Su | 0539 | 2.8 | 85 |
| | 1106 | 0.4 | 12 |
| | 1754 | 3.9 | 119 |
| **25** M | 0012 | 0.1 | 3 |
| | 0641 | 2.8 | 85 |
| | 1206 | 0.4 | 12 |
| | 1855 | 4.0 | 122 |
| **26** Tu | 0115 | 0.1 | 3 |
| | 0745 | 2.8 | 85 |
| | 1309 | 0.4 | 12 |
| | 1959 | 4.0 | 122 |
| **27** W | 0216 | 0.1 | 3 |
| | 0847 | 2.8 | 85 |
| | 1411 | 0.4 | 12 |
| | 2101 | 4.0 | 122 |
| **28** Th | 0314 | 0.1 | 3 |
| | 0947 | 3.0 | 91 |
| | 1512 | 0.3 | 9 |
| | 2202 | 4.0 | 122 |
| **29** F | 0407 | 0.0 | 0 |
| | 1043 | 3.1 | 94 |
| | 1610 | 0.2 | 6 |
| | 2259 | 3.9 | 119 |
| **30** Sa ● | 0456 | 0.0 | 0 |
| | 1134 | 3.3 | 101 |
| | 1706 | 0.1 | 3 |
| | 2353 | 3.8 | 116 |
| **31** Su | 0543 | 0.1 | 3 |
| | 1221 | 3.4 | 104 |
| | 1759 | 0.1 | 3 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0043 | 3.6 | 110 |
| | 0627 | 0.2 | 6 |
| | 1306 | 3.5 | 107 |
| | 1850 | 0.1 | 3 |
| **2** Tu | 0132 | 3.4 | 104 |
| | 0711 | 0.3 | 9 |
| | 1348 | 3.5 | 107 |
| | 1941 | 0.1 | 3 |
| **3** W | 0220 | 3.2 | 98 |
| | 0754 | 0.4 | 12 |
| | 1430 | 3.5 | 107 |
| | 2031 | 0.2 | 6 |
| **4** Th | 0307 | 3.0 | 91 |
| | 0838 | 0.6 | 18 |
| | 1513 | 3.5 | 107 |
| | 2122 | 0.3 | 9 |
| **5** F | 0354 | 2.9 | 88 |
| | 0923 | 0.7 | 21 |
| | 1558 | 3.5 | 107 |
| | 2214 | 0.4 | 12 |
| **6** Sa | 0443 | 2.7 | 82 |
| | 1011 | 0.9 | 27 |
| | 1646 | 3.4 | 104 |
| | 2308 | 0.5 | 15 |
| **7** Su ◐ | 0533 | 2.6 | 79 |
| | 1102 | 1.0 | 30 |
| | 1736 | 3.4 | 104 |
| **8** M | 0004 | 0.6 | 18 |
| | 0625 | 2.5 | 76 |
| | 1155 | 1.0 | 30 |
| | 1829 | 3.3 | 101 |
| **9** Tu | 0100 | 0.6 | 18 |
| | 0717 | 2.5 | 76 |
| | 1249 | 1.0 | 30 |
| | 1923 | 3.3 | 101 |
| **10** W | 0152 | 0.6 | 18 |
| | 0808 | 2.6 | 79 |
| | 1341 | 0.9 | 27 |
| | 2015 | 3.4 | 104 |
| **11** Th | 0239 | 0.6 | 18 |
| | 0856 | 2.6 | 79 |
| | 1431 | 0.8 | 24 |
| | 2105 | 3.4 | 104 |
| **12** F | 0322 | 0.6 | 18 |
| | 0941 | 2.8 | 85 |
| | 1518 | 0.7 | 21 |
| | 2152 | 3.4 | 104 |
| **13** Sa | 0401 | 0.5 | 15 |
| | 1023 | 2.9 | 88 |
| | 1604 | 0.5 | 15 |
| | 2238 | 3.5 | 107 |
| **14** Su | 0438 | 0.4 | 12 |
| | 1103 | 3.1 | 94 |
| | 1649 | 0.4 | 12 |
| | 2324 | 3.4 | 104 |
| **15** M ○ | 0515 | 0.4 | 12 |
| | 1144 | 3.3 | 101 |
| | 1734 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0009 | 3.4 | 104 |
| | 0554 | 0.3 | 9 |
| | 1225 | 3.6 | 110 |
| | 1821 | 0.0 | 0 |
| **17** W | 0056 | 3.4 | 104 |
| | 0635 | 0.3 | 9 |
| | 1308 | 3.7 | 113 |
| | 1910 | −0.1 | −3 |
| **18** Th | 0145 | 3.3 | 101 |
| | 0718 | 0.3 | 9 |
| | 1354 | 3.9 | 119 |
| | 2001 | −0.2 | −6 |
| **19** F | 0237 | 3.1 | 94 |
| | 0805 | 0.3 | 9 |
| | 1445 | 4.0 | 122 |
| | 2055 | −0.1 | −3 |
| **20** Sa | 0331 | 3.0 | 91 |
| | 0855 | 0.4 | 12 |
| | 1539 | 4.0 | 122 |
| | 2153 | −0.1 | −3 |
| **21** Su | 0429 | 2.9 | 88 |
| | 0951 | 0.4 | 12 |
| | 1638 | 4.0 | 122 |
| | 2254 | 0.0 | 0 |
| **22** M ◑ | 0529 | 2.8 | 85 |
| | 1051 | 0.5 | 15 |
| | 1740 | 3.9 | 119 |
| | 2357 | 0.1 | 3 |
| **23** Tu | 0633 | 2.8 | 85 |
| | 1155 | 0.5 | 15 |
| | 1845 | 3.9 | 119 |
| **24** W | 0100 | 0.1 | 3 |
| | 0736 | 2.9 | 88 |
| | 1301 | 0.5 | 15 |
| | 1951 | 3.8 | 116 |
| **25** Th | 0200 | 0.2 | 6 |
| | 0837 | 3.0 | 91 |
| | 1406 | 0.4 | 12 |
| | 2054 | 3.7 | 113 |
| **26** F | 0255 | 0.2 | 6 |
| | 0934 | 3.2 | 98 |
| | 1507 | 0.3 | 9 |
| | 2154 | 3.6 | 110 |
| **27** Sa | 0345 | 0.2 | 6 |
| | 1025 | 3.3 | 101 |
| | 1603 | 0.2 | 6 |
| | 2250 | 3.5 | 107 |
| **28** Su | 0431 | 0.3 | 9 |
| | 1111 | 3.5 | 107 |
| | 1656 | 0.1 | 3 |
| | 2341 | 3.4 | 104 |
| **29** M ● | 0514 | 0.3 | 9 |
| | 1154 | 3.6 | 110 |
| | 1746 | 0.1 | 3 |
| **30** Tu | 0029 | 3.2 | 98 |
| | 0556 | 0.4 | 12 |
| | 1234 | 3.6 | 110 |
| | 1833 | 0.1 | 3 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Nantucket, Massachusetts, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** W | 0113 | 3.1 | 94 | **16** Th | 0035 | 3.2 | 98 |
| | 0638 | 0.5 | 15 | | 0603 | 0.2 | 6 |
| | 1312 | 3.6 | 110 | | 1238 | 4.1 | 125 |
| | 1918 | 0.1 | 3 | | 1852 | −0.4 | −12 |
| **2** Th | 0157 | 3.0 | 91 | **17** F | 0127 | 3.1 | 94 |
| | 0719 | 0.7 | 21 | | 0650 | 0.2 | 6 |
| | 1352 | 3.6 | 110 | | 1329 | 4.2 | 128 |
| | 2004 | 0.2 | 6 | | 1944 | −0.4 | −12 |
| **3** F | 0240 | 2.8 | 85 | **18** Sa | 0221 | 3.0 | 91 |
| | 0801 | 0.8 | 24 | | 0741 | 0.3 | 9 |
| | 1433 | 3.5 | 107 | | 1424 | 4.2 | 128 |
| | 2051 | 0.3 | 9 | | 2040 | −0.3 | −9 |
| **4** Sa | 0323 | 2.7 | 82 | **19** Su | 0317 | 3.0 | 91 |
| | 0846 | 0.9 | 27 | | 0836 | 0.3 | 9 |
| | 1517 | 3.4 | 104 | | 1522 | 4.1 | 125 |
| | 2139 | 0.4 | 12 | | 2137 | −0.2 | −6 |
| **5** Su | 0409 | 2.6 | 79 | **20** M | 0417 | 2.9 | 88 |
| | 0933 | 0.9 | 27 | | 0935 | 0.4 | 12 |
| | 1605 | 3.4 | 104 | | 1624 | 4.0 | 122 |
| | 2230 | 0.5 | 15 | | 2238 | −0.1 | −3 |
| **6** M | 0457 | 2.6 | 79 | **21** Tu ◑ | 0518 | 2.9 | 88 |
| | 1023 | 1.0 | 30 | | 1039 | 0.5 | 15 |
| | 1656 | 3.3 | 101 | | 1728 | 3.8 | 116 |
| | 2322 | 0.6 | 18 | | 2339 | 0.0 | 0 |
| **7** Tu ◐ | 0547 | 2.6 | 79 | **22** W | 0621 | 3.0 | 91 |
| | 1116 | 1.0 | 30 | | 1146 | 0.5 | 15 |
| | 1749 | 3.3 | 101 | | 1834 | 3.7 | 113 |
| **8** W | 0014 | 0.6 | 18 | **23** Th | 0040 | 0.1 | 3 |
| | 0637 | 2.6 | 79 | | 0723 | 3.1 | 94 |
| | 1211 | 1.0 | 30 | | 1255 | 0.5 | 15 |
| | 1842 | 3.2 | 98 | | 1940 | 3.5 | 107 |
| **9** Th | 0104 | 0.6 | 18 | **24** F | 0137 | 0.2 | 6 |
| | 0726 | 2.7 | 82 | | 0821 | 3.3 | 101 |
| | 1305 | 0.9 | 27 | | 1400 | 0.4 | 12 |
| | 1935 | 3.2 | 98 | | 2043 | 3.4 | 104 |
| **10** F | 0150 | 0.6 | 18 | **25** Sa | 0230 | 0.3 | 9 |
| | 0813 | 2.8 | 85 | | 0915 | 3.4 | 104 |
| | 1358 | 0.8 | 24 | | 1501 | 0.3 | 9 |
| | 2027 | 3.2 | 98 | | 2144 | 3.2 | 98 |
| **11** Sa | 0233 | 0.5 | 15 | **26** Su | 0318 | 0.4 | 12 |
| | 0858 | 3.0 | 91 | | 1003 | 3.5 | 107 |
| | 1448 | 0.6 | 18 | | 1556 | 0.2 | 6 |
| | 2117 | 3.3 | 101 | | 2239 | 3.1 | 94 |
| **12** Su | 0314 | 0.5 | 15 | **27** M | 0403 | 0.4 | 12 |
| | 0941 | 3.2 | 98 | | 1046 | 3.6 | 110 |
| | 1536 | 0.3 | 9 | | 1645 | 0.1 | 3 |
| | 2206 | 3.3 | 101 | | 2328 | 3.0 | 91 |
| **13** M | 0354 | 0.4 | 12 | **28** Tu ● | 0445 | 0.5 | 15 |
| | 1023 | 3.5 | 107 | | 1126 | 3.6 | 110 |
| | 1624 | 0.1 | 3 | | 1731 | 0.1 | 3 |
| | 2255 | 3.2 | 98 | | | | |
| **14** Tu ○ | 0435 | 0.3 | 9 | **29** W | 0013 | 2.9 | 88 |
| | 1106 | 3.7 | 113 | | 0526 | 0.6 | 18 |
| | 1712 | −0.1 | −3 | | 1203 | 3.6 | 110 |
| | 2344 | 3.2 | 98 | | 1814 | 0.1 | 3 |
| **15** W | 0518 | 0.3 | 9 | **30** Th | 0055 | 2.8 | 85 |
| | 1151 | 3.9 | 119 | | 0606 | 0.7 | 21 |
| | 1801 | −0.3 | −9 | | 1240 | 3.6 | 110 |
| | | | | | 1856 | 0.1 | 3 |
| | | | | **31** F | 0134 | 2.7 | 82 |
| | | | | | 0647 | 0.8 | 24 |
| | | | | | 1318 | 3.5 | 107 |
| | | | | | 1939 | 0.1 | 3 |

## November

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Sa | 0213 | 2.7 | 82 | **16** Su | 0205 | 3.0 | 91 |
| | 0728 | 0.8 | 24 | | 0722 | 0.1 | 3 |
| | 1359 | 3.5 | 107 | | 1407 | 4.3 | 131 |
| | 2022 | 0.2 | 6 | | 2023 | −0.5 | −15 |
| **2** Su | 0254 | 2.6 | 79 | **17** M | 0302 | 3.0 | 91 |
| | 0812 | 0.9 | 27 | | 0820 | 0.2 | 6 |
| | 1443 | 3.4 | 104 | | 1507 | 4.1 | 125 |
| | 2107 | 0.3 | 9 | | 2120 | −0.3 | −9 |
| **3** M | 0337 | 2.6 | 79 | **18** Tu | 0401 | 3.0 | 91 |
| | 0857 | 0.9 | 27 | | 0922 | 0.3 | 9 |
| | 1530 | 3.4 | 104 | | 1609 | 3.9 | 119 |
| | 2153 | 0.4 | 12 | | 2218 | −0.2 | −6 |
| **4** Tu | 0423 | 2.6 | 79 | **19** W ◑ | 0502 | 3.1 | 94 |
| | 0946 | 1.0 | 30 | | 1027 | 0.4 | 12 |
| | 1619 | 3.3 | 101 | | 1712 | 3.7 | 113 |
| | 2240 | 0.4 | 12 | | 2316 | 0.0 | 0 |
| **5** W ◐ | 0510 | 2.6 | 79 | **20** Th | 0602 | 3.2 | 98 |
| | 1038 | 1.0 | 30 | | 1135 | 0.4 | 12 |
| | 1710 | 3.2 | 98 | | 1817 | 3.4 | 104 |
| | 2328 | 0.5 | 15 | | | | |
| **6** Th | 0558 | 2.7 | 82 | **21** F | 0013 | 0.1 | 3 |
| | 1133 | 0.9 | 27 | | 0701 | 3.3 | 101 |
| | 1802 | 3.1 | 94 | | 1244 | 0.4 | 12 |
| | | | | | 1923 | 3.2 | 98 |
| **7** F | 0014 | 0.5 | 15 | **22** Sa | 0108 | 0.3 | 9 |
| | 0645 | 2.8 | 85 | | 0757 | 3.4 | 104 |
| | 1229 | 0.8 | 24 | | 1351 | 0.3 | 9 |
| | 1855 | 3.1 | 94 | | 2027 | 3.0 | 91 |
| **8** Sa | 0100 | 0.5 | 15 | **23** Su | 0200 | 0.4 | 12 |
| | 0731 | 3.0 | 91 | | 0849 | 3.5 | 107 |
| | 1324 | 0.6 | 18 | | 1451 | 0.2 | 6 |
| | 1948 | 3.0 | 91 | | 2129 | 2.9 | 88 |
| **9** Su | 0144 | 0.5 | 15 | **24** M | 0249 | 0.5 | 15 |
| | 0816 | 3.3 | 101 | | 0936 | 3.6 | 110 |
| | 1417 | 0.4 | 12 | | 1544 | 0.2 | 6 |
| | 2042 | 3.0 | 91 | | 2224 | 2.8 | 85 |
| **10** M | 0228 | 0.4 | 12 | **25** Tu | 0334 | 0.6 | 18 |
| | 0900 | 3.5 | 107 | | 1019 | 3.6 | 110 |
| | 1509 | 0.1 | 3 | | 1632 | 0.1 | 3 |
| | 2135 | 3.0 | 91 | | 2313 | 2.7 | 82 |
| **11** Tu | 0313 | 0.3 | 9 | **26** W | 0417 | 0.7 | 21 |
| | 0946 | 3.8 | 116 | | 1058 | 3.6 | 110 |
| | 1600 | −0.1 | −3 | | 1715 | 0.1 | 3 |
| | 2228 | 3.0 | 91 | | 2356 | 2.6 | 79 |
| **12** W | 0359 | 0.3 | 9 | **27** Th ● | 0458 | 0.7 | 21 |
| | 1033 | 4.0 | 122 | | 1136 | 3.6 | 110 |
| | 1651 | −0.4 | −12 | | 1756 | 0.1 | 3 |
| | 2321 | 3.0 | 91 | | | | |
| **13** Th ○ | 0447 | 0.2 | 6 | **28** F | 0034 | 2.6 | 79 |
| | 1123 | 4.2 | 128 | | 0538 | 0.8 | 24 |
| | 1743 | −0.5 | −15 | | 1213 | 3.5 | 107 |
| | | | | | 1835 | 0.1 | 3 |
| **14** F | 0014 | 3.0 | 91 | **29** Sa | 0110 | 2.5 | 76 |
| | 0536 | 0.1 | 3 | | 0619 | 0.8 | 24 |
| | 1215 | 4.3 | 131 | | 1252 | 3.5 | 107 |
| | 1835 | −0.6 | −18 | | 1915 | 0.1 | 3 |
| **15** Sa | 0109 | 3.0 | 91 | **30** Su | 0147 | 2.5 | 76 |
| | 0628 | 0.1 | 3 | | 0700 | 0.8 | 24 |
| | 1310 | 4.3 | 131 | | 1333 | 3.5 | 107 |
| | 1928 | −0.5 | −15 | | 1955 | 0.2 | 6 |

## December

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0226 | 2.5 | 76 | **16** Tu | 0244 | 3.1 | 94 |
| | 0742 | 0.8 | 24 | | 0806 | 0.0 | 0 |
| | 1415 | 3.4 | 104 | | 1452 | 4.0 | 122 |
| | 2036 | 0.2 | 6 | | 2058 | −0.4 | −12 |
| **2** Tu | 0307 | 2.6 | 79 | **17** W | 0341 | 3.2 | 98 |
| | 0826 | 0.8 | 24 | | 0907 | 0.1 | 3 |
| | 1459 | 3.3 | 101 | | 1551 | 3.7 | 113 |
| | 2117 | 0.3 | 9 | | 2152 | −0.2 | −6 |
| **3** W | 0350 | 2.6 | 79 | **18** Th | 0437 | 3.2 | 98 |
| | 0913 | 0.8 | 24 | | 1012 | 0.2 | 6 |
| | 1546 | 3.2 | 98 | | 1652 | 3.4 | 104 |
| | 2159 | 0.3 | 9 | | 2246 | 0.0 | 0 |
| **4** Th | 0434 | 2.7 | 82 | **19** F ◑ | 0534 | 3.3 | 101 |
| | 1003 | 0.8 | 24 | | 1119 | 0.3 | 9 |
| | 1634 | 3.1 | 94 | | 1755 | 3.1 | 94 |
| | 2242 | 0.3 | 9 | | 2341 | 0.2 | 6 |
| **5** F ◐ | 0518 | 2.8 | 85 | **20** Sa | 0630 | 3.4 | 104 |
| | 1057 | 0.7 | 21 | | 1226 | 0.3 | 9 |
| | 1725 | 3.0 | 91 | | 1859 | 2.9 | 88 |
| | 2326 | 0.4 | 12 | | | | |
| **6** Sa | 0603 | 3.0 | 91 | **21** Su | 0034 | 0.4 | 12 |
| | 1154 | 0.6 | 18 | | 0725 | 3.4 | 104 |
| | 1818 | 2.9 | 88 | | 1332 | 0.3 | 9 |
| | | | | | 2004 | 2.7 | 82 |
| **7** Su | 0012 | 0.4 | 12 | **22** M | 0127 | 0.5 | 15 |
| | 0649 | 3.2 | 98 | | 0817 | 3.5 | 107 |
| | 1251 | 0.4 | 12 | | 1432 | 0.2 | 6 |
| | 1913 | 2.8 | 85 | | 2106 | 2.6 | 79 |
| **8** M | 0059 | 0.4 | 12 | **23** Tu | 0217 | 0.6 | 18 |
| | 0736 | 3.5 | 107 | | 0905 | 3.5 | 107 |
| | 1348 | 0.2 | 6 | | 1526 | 0.2 | 6 |
| | 2009 | 2.8 | 85 | | 2203 | 2.5 | 76 |
| **9** Tu | 0147 | 0.3 | 9 | **24** W | 0305 | 0.7 | 21 |
| | 0825 | 3.7 | 113 | | 0950 | 3.5 | 107 |
| | 1444 | −0.1 | −3 | | 1613 | 0.2 | 6 |
| | 2106 | 2.7 | 82 | | 2251 | 2.4 | 73 |
| **10** W | 0237 | 0.3 | 9 | **25** Th | 0350 | 0.7 | 21 |
| | 0916 | 4.0 | 122 | | 1032 | 3.5 | 107 |
| | 1538 | −0.3 | −9 | | 1656 | 0.1 | 3 |
| | 2203 | 2.8 | 85 | | 2332 | 2.4 | 73 |
| **11** Th | 0329 | 0.2 | 6 | **26** F | 0432 | 0.7 | 21 |
| | 1008 | 4.2 | 128 | | 1112 | 3.5 | 107 |
| | 1632 | −0.5 | −15 | | 1735 | 0.1 | 3 |
| | 2300 | 2.8 | 85 | | | | |
| **12** F ○ | 0421 | 0.1 | 3 | **27** Sa ● | 0008 | 2.4 | 73 |
| | 1103 | 4.3 | 131 | | 0514 | 0.7 | 21 |
| | 1725 | −0.6 | −18 | | 1151 | 3.5 | 107 |
| | 2356 | 2.8 | 85 | | 1813 | 0.1 | 3 |
| **13** Sa | 0515 | 0.0 | 0 | **28** Su | 0043 | 2.4 | 73 |
| | 1159 | 4.4 | 134 | | 0554 | 0.7 | 21 |
| | 1818 | −0.6 | −18 | | 1230 | 3.4 | 104 |
| | | | | | 1850 | 0.1 | 3 |
| **14** Su | 0051 | 2.9 | 88 | **29** M | 0119 | 2.5 | 76 |
| | 0610 | 0.0 | 0 | | 0634 | 0.7 | 21 |
| | 1256 | 4.3 | 131 | | 1310 | 3.4 | 104 |
| | 1911 | −0.6 | −18 | | 1927 | 0.1 | 3 |
| **15** M | 0147 | 3.0 | 91 | **30** Tu | 0156 | 2.6 | 79 |
| | 0707 | 0.0 | 0 | | 0716 | 0.6 | 18 |
| | 1353 | 4.2 | 128 | | 1350 | 3.4 | 104 |
| | 2005 | −0.5 | −15 | | 2004 | 0.1 | 3 |
| | | | | **31** W | 0235 | 2.6 | 79 |
| | | | | | 0759 | 0.6 | 18 |
| | | | | | 1432 | 3.3 | 101 |
| | | | | | 2041 | 0.2 | 6 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Woods Hole, Massachusetts, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 0220 | 1.6 / 49 | **16** W | 0157 | 2.0 / 61 |
| | 1100 | 0.4 / 12 | | 0945 | 0.0 / 0 |
| | 1434 | 1.1 / 34 | | 1416 | 1.4 / 43 |
| | 2118 | 0.5 / 15 | | 2113 | 0.0 / 0 |
| **2** W | 0319 | 1.6 / 49 | **17** Th | 0301 | 2.2 / 67 |
| | 1158 | 0.4 / 12 | | 1051 | −0.1 / −3 |
| | 1529 | 1.0 / 30 | | 1518 | 1.4 / 43 |
| | 2132 | 0.4 / 12 | | 2207 | −0.1 / −3 |
| **3** Th | 0417 | 1.7 / 52 | **18** F | 0405 | 2.3 / 70 |
| | 1248 | 0.3 / 9 | | 1154 | −0.3 / −9 |
| | 1623 | 1.0 / 30 | | 1619 | 1.4 / 43 |
| | 2208 | 0.4 / 12 | | 2304 | −0.1 / −3 |
| **4** F | 0509 | 1.8 / 55 | **19** Sa | 0506 | 2.5 / 76 |
| | 1327 | 0.3 / 9 | | 1253 | −0.4 / −12 |
| | 1712 | 1.1 / 34 | | 1717 | 1.5 / 46 |
| | 2253 | 0.3 / 9 | | | |
| **5** Sa | 0556 | 1.9 / 58 | **20** Su | 0007 | −0.2 / −6 |
| | 1356 | 0.3 / 9 | | 0601 | 2.6 / 79 |
| | 1758 | 1.2 / 37 | | 1347 | −0.5 / −15 |
| | 2343 | 0.2 / 6 | | 1810 | 1.7 / 52 |
| **6** Su | 0638 | 2.0 / 61 | **21** M | 0111 | −0.3 / −9 |
| | 1417 | 0.2 / 6 | | 0651 | 2.7 / 82 |
| | 1841 | 1.3 / 40 | | 1437 | −0.5 / −15 |
| | | | | 1900 | 1.8 / 55 |
| **7** M | 0037 | 0.1 / 3 | **22** Tu ○ | 0210 | −0.3 / −9 |
| | 0718 | 2.1 / 64 | | 0739 | 2.6 / 79 |
| | 1441 | 0.1 / 3 | | 1523 | −0.5 / −15 |
| | 1923 | 1.4 / 43 | | 1949 | 1.9 / 58 |
| **8** Tu ● | 0131 | 0.0 / 0 | **23** W | 0302 | −0.3 / −9 |
| | 0757 | 2.2 / 67 | | 0825 | 2.5 / 76 |
| | 1512 | 0.0 / 0 | | 1607 | −0.4 / −12 |
| | 2005 | 1.4 / 43 | | 2038 | 1.9 / 58 |
| **9** W | 0224 | 0.0 / 0 | **24** Th | 0352 | −0.2 / −6 |
| | 0837 | 2.2 / 67 | | 0911 | 2.4 / 73 |
| | 1548 | −0.1 / −3 | | 1649 | −0.3 / −9 |
| | 2048 | 1.5 / 46 | | 2127 | 1.9 / 58 |
| **10** Th | 0316 | 0.0 / 0 | **25** F | 0441 | −0.1 / −3 |
| | 0917 | 2.2 / 67 | | 0957 | 2.1 / 64 |
| | 1627 | −0.1 / −3 | | 1729 | −0.1 / −3 |
| | 2133 | 1.6 / 49 | | 2217 | 1.9 / 58 |
| **11** F | 0409 | 0.0 / 0 | **26** Sa | 0535 | 0.1 / 3 |
| | 1000 | 2.1 / 64 | | 1043 | 1.8 / 55 |
| | 1709 | −0.1 / −3 | | 1806 | 0.1 / 3 |
| | 2220 | 1.7 / 52 | | 2306 | 1.8 / 55 |
| **12** Sa | 0507 | 0.1 / 3 | **27** Su | 0644 | 0.2 / 6 |
| | 1044 | 2.0 / 61 | | 1128 | 1.6 / 49 |
| | 1753 | −0.1 / −3 | | 1833 | 0.3 / 9 |
| | 2310 | 1.8 / 55 | | 2356 | 1.7 / 52 |
| **13** Su | 0611 | 0.1 / 3 | **28** M | 0805 | 0.4 / 12 |
| | 1132 | 1.9 / 58 | | 1214 | 1.3 / 40 |
| | 1840 | 0.0 / 0 | | 1849 | 0.4 / 12 |
| **14** M | 0002 | 1.9 / 58 | **29** Tu | 0047 | 1.6 / 49 |
| | 0723 | 0.1 / 3 | | 0919 | 0.4 / 12 |
| | 1223 | 1.7 / 52 | | 1302 | 1.1 / 34 |
| | 1929 | 0.0 / 0 | | 1919 | 0.5 / 15 |
| **15** Tu ◐ | 0057 | 1.9 / 58 | **30** W ◑ | 0141 | 1.5 / 46 |
| | 0835 | 0.1 / 3 | | 1025 | 0.4 / 12 |
| | 1317 | 1.5 / 46 | | 1353 | 1.0 / 30 |
| | 2021 | 0.0 / 0 | | 1636 | 0.5 / 15 |
| | | | | 1810* | 0.6 / 18 |
| | | | **31** Th | 0241 | 1.5 / 46 |
| | | | | 1126 | 0.4 / 12 |
| | | | | 1449 | 0.9 / 27 |
| | | | | 1723 | 0.5 / 15 |
| | | | | 1850* | 0.6 / 18 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** F | 0346 | 1.5 / 46 | **16** Sa | 0349 | 2.1 / 64 |
| | 1216 | 0.4 / 12 | | 1142 | −0.3 / −9 |
| | 1547 | 0.9 / 27 | | 1559 | 1.4 / 43 |
| | 2142 | 0.4 / 12 | | 2315 | −0.1 / −3 |
| **2** Sa | 0445 | 1.6 / 49 | **17** Su | 0451 | 2.2 / 67 |
| | 1254 | 0.4 / 12 | | 1239 | −0.3 / −9 |
| | 1642 | 1.0 / 30 | | 1658 | 1.5 / 46 |
| | 2234 | 0.3 / 9 | | | |
| **3** Su | 0534 | 1.7 / 52 | **18** M | 0022 | −0.2 / −6 |
| | 1319 | 0.3 / 9 | | 0545 | 2.3 / 70 |
| | 1731 | 1.1 / 34 | | 1330 | −0.4 / −12 |
| | 2329 | 0.2 / 6 | | 1752 | 1.7 / 52 |
| **4** M | 0615 | 1.9 / 58 | **19** Tu | 0122 | −0.3 / −9 |
| | 1338 | 0.2 / 6 | | 0633 | 2.3 / 70 |
| | 1815 | 1.3 / 40 | | 1416 | −0.4 / −12 |
| | | | | 1841 | 1.9 / 58 |
| **5** Tu | 0025 | 0.0 / 0 | **20** W ○ | 0214 | −0.3 / −9 |
| | 0654 | 2.0 / 61 | | 0717 | 2.3 / 70 |
| | 1404 | 0.0 / 0 | | 1457 | −0.4 / −12 |
| | 1858 | 1.5 / 46 | | 1928 | 2.0 / 61 |
| **6** W ● | 0121 | −0.1 / −3 | **21** Th | 0301 | −0.3 / −9 |
| | 0732 | 2.2 / 67 | | 0800 | 2.2 / 67 |
| | 1437 | −0.1 / −3 | | 1535 | −0.3 / −9 |
| | 1940 | 1.6 / 49 | | 2014 | 2.1 / 64 |
| **7** Th | 0215 | −0.2 / −6 | **22** F | 0342 | −0.2 / −6 |
| | 0811 | 2.2 / 67 | | 0843 | 2.1 / 64 |
| | 1513 | −0.2 / −6 | | 1605 | −0.1 / −3 |
| | 2023 | 1.8 / 55 | | 2100 | 2.1 / 64 |
| **8** F | 0308 | −0.3 / −9 | **23** Sa | 0421 | −0.1 / −3 |
| | 0852 | 2.2 / 67 | | 0927 | 1.9 / 58 |
| | 1551 | −0.2 / −6 | | 1625 | 0.0 / 0 |
| | 2108 | 1.9 / 58 | | 2147 | 2.1 / 64 |
| **9** Sa | 0401 | −0.3 / −9 | **24** Su | 0459 | 0.0 / 0 |
| | 0935 | 2.1 / 64 | | 1011 | 1.7 / 52 |
| | 1631 | −0.2 / −6 | | 1637 | 0.2 / 6 |
| | 2155 | 2.1 / 64 | | 2233 | 2.0 / 61 |
| **10** Su | 0458 | −0.2 / −6 | **25** M | 0541 | 0.2 / 6 |
| | 1021 | 2.0 / 61 | | 1055 | 1.4 / 43 |
| | 1714 | −0.1 / −3 | | 1659 | 0.3 / 9 |
| | 2245 | 2.1 / 64 | | 2321 | 1.8 / 55 |
| **11** M | 0602 | −0.2 / −6 | **26** Tu | 0642 | 0.3 / 9 |
| | 1110 | 1.8 / 55 | | 1140 | 1.3 / 40 |
| | 1802 | −0.1 / −3 | | 1729 | 0.4 / 12 |
| | 2338 | 2.1 / 64 | | | |
| **12** Tu | 0713 | −0.1 / −3 | **27** W | 0010 | 1.6 / 49 |
| | 1201 | 1.6 / 49 | | 0821 | 0.4 / 12 |
| | 1856 | 0.0 / 0 | | 1226 | 1.1 / 34 |
| | | | | 1529 | 0.4 / 12 |
| **13** W ◐ | 0035 | 2.1 / 64 | **28** Th ◑ | 0103 | 1.5 / 46 |
| | 0826 | −0.1 / −3 | | 0936 | 0.5 / 15 |
| | 1256 | 1.5 / 46 | | 1315 | 1.0 / 30 |
| | 1957 | 0.0 / 0 | | 1605 | 0.5 / 15 |
| **14** Th | 0136 | 2.1 / 64 | **29** F | 0202 | 1.4 / 43 |
| | 0936 | −0.1 / −3 | | 1036 | 0.5 / 15 |
| | 1355 | 1.3 / 40 | | 1410 | 0.9 / 27 |
| | 2101 | 0.0 / 0 | | 1648 | 0.5 / 15 |
| | | | | 1834* | 0.6 / 18 |
| **15** F | 0241 | 2.1 / 64 | | | |
| | 1041 | −0.2 / −6 | | | |
| | 1457 | 1.3 / 40 | | | |
| | 2207 | 0.0 / 0 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0307 | 1.4 / 43 | **16** Su | 0330 | 2.0 / 61 |
| | 1123 | 0.4 / 12 | | 1123 | −0.2 / −6 |
| | 1510 | 0.9 / 27 | | 1541 | 1.4 / 43 |
| | 1741 | 0.6 / 18 | | 2328 | 0.0 / 0 |
| | 1905* | 0.7 / 21 | | | |
| **2** Su | 0410 | 1.5 / 46 | **17** M | 0432 | 2.0 / 61 |
| | 1153 | 0.4 / 12 | | 1217 | −0.2 / −6 |
| | 1609 | 1.0 / 30 | | 1640 | 1.6 / 49 |
| | 2219 | 0.3 / 9 | | | |
| **3** M | 0501 | 1.6 / 49 | **18** Tu | 0030 | −0.1 / −3 |
| | 1214 | 0.3 / 9 | | 0524 | 2.0 / 61 |
| | 1701 | 1.2 / 37 | | 1306 | −0.2 / −6 |
| | 2316 | 0.2 / 6 | | 1733 | 1.8 / 55 |
| **4** Tu | 0544 | 1.8 / 55 | **19** W | 0125 | −0.2 / −6 |
| | 1242 | 0.1 / 3 | | 0610 | 2.0 / 61 |
| | 1748 | 1.4 / 43 | | 1349 | −0.2 / −6 |
| | | | | 1820 | 2.0 / 61 |
| **5** W | 0013 | 0.0 / 0 | **20** Th | 0213 | −0.2 / −6 |
| | 0623 | 2.0 / 61 | | 0652 | 1.9 / 58 |
| | 1317 | 0.0 / 0 | | 1426 | −0.1 / −3 |
| | 1831 | 1.7 / 52 | | 1906 | 2.2 / 67 |
| **6** Th | 0110 | −0.2 / −6 | **21** F ○ | 0255 | −0.2 / −6 |
| | 0702 | 2.1 / 64 | | 0733 | 1.9 / 58 |
| | 1354 | −0.1 / −3 | | 1453 | 0.0 / 0 |
| | 1914 | 2.0 / 61 | | 1949 | 2.2 / 67 |
| **7** F ● | 0205 | −0.3 / −9 | **22** Sa | 0332 | −0.1 / −3 |
| | 0743 | 2.1 / 64 | | 0814 | 1.8 / 55 |
| | 1433 | −0.2 / −6 | | 1503 | 0.1 / 3 |
| | 1958 | 2.2 / 67 | | 2033 | 2.3 / 70 |
| **8** Sa | 0259 | −0.5 / −15 | **23** Su | 0403 | −0.1 / −3 |
| | 0826 | 2.1 / 64 | | 0857 | 1.7 / 52 |
| | 1514 | −0.3 / −9 | | 1513 | 0.2 / 6 |
| | 2044 | 2.4 / 73 | | 2117 | 2.2 / 67 |
| **9** Su | 0354 | −0.5 / −15 | **24** M | 0430 | 0.0 / 0 |
| | 0912 | 2.0 / 61 | | 0940 | 1.5 / 46 |
| | 1556 | −0.2 / −6 | | 1536 | 0.3 / 9 |
| | 2133 | 2.5 / 76 | | 2202 | 2.1 / 64 |
| **10** M | 0451 | −0.5 / −15 | **25** Tu | 0504 | 0.2 / 6 |
| | 1000 | 1.9 / 58 | | 1024 | 1.4 / 43 |
| | 1641 | −0.2 / −6 | | 1607 | 0.3 / 9 |
| | 2224 | 2.5 / 76 | | 2249 | 1.9 / 58 |
| **11** Tu | 0555 | −0.4 / −12 | **26** W | 0551 | 0.3 / 9 |
| | 1050 | 1.7 / 52 | | 1109 | 1.2 / 37 |
| | 1732 | −0.1 / −3 | | 1643 | 0.5 / 15 |
| | 2319 | 2.4 / 73 | | 2336 | 1.7 / 52 |
| **12** W | 0704 | −0.3 / −9 | **27** Th | 0656 | 0.4 / 12 |
| | 1143 | 1.6 / 49 | | 1155 | 1.1 / 34 |
| | 1833 | 0.0 / 0 | | 1501 | 0.5 / 15 |
| **13** Th | 0017 | 2.3 / 70 | **28** F | 0027 | 1.6 / 49 |
| | 0816 | −0.2 / −6 | | 0819 | 0.5 / 15 |
| | 1238 | 1.4 / 43 | | 1243 | 1.0 / 30 |
| | 1946 | 0.1 / 3 | | 1536 | 0.5 / 15 |
| **14** F ◐ | 0118 | 2.1 / 64 | **29** Sa ◑ | 0121 | 1.4 / 43 |
| | 0923 | −0.2 / −6 | | 0920 | 0.5 / 15 |
| | 1337 | 1.3 / 40 | | 1336 | 1.0 / 30 |
| | 2104 | 0.1 / 3 | | 1618 | 0.6 / 18 |
| | | | | 1809* | 0.7 / 21 |
| **15** Sa | 0223 | 2.0 / 61 | **30** Su | 0220 | 1.4 / 43 |
| | 1026 | −0.2 / −6 | | 1000 | 0.4 / 12 |
| | 1438 | 1.3 / 40 | | 1434 | 1.0 / 30 |
| | 2219 | 0.0 / 0 | | 1709 | 0.7 / 21 |
| | | | | 1840* | 0.8 / 24 |
| | | | **31** M | 0320 | 1.5 / 46 |
| | | | | 1033 | 0.4 / 12 |
| | | | | 1533 | 1.2 / 37 |
| | | | | 2203 | 0.4 / 12 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Woods Hole, Massachusetts, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 0415 | 1.6 / 49 | **16** W | 0025 | 0.0 / 0 |
| | 1108 | 0.2 / 6 | | 0455 | 1.7 / 52 |
| | 1628 | 1.4 / 43 | | 1234 | 0.0 / 0 |
| | 2300 | 0.2 / 6 | | 1711 | 2.0 / 61 |
| **2** W | 0503 | 1.7 / 52 | **17** Th | 0119 | 0.0 / 0 |
| | 1146 | 0.1 / 3 | | 0541 | 1.6 / 49 |
| | 1717 | 1.7 / 52 | | 1314 | 0.1 / 3 |
| | 2359 | 0.0 / 0 | | 1758 | 2.1 / 64 |
| **3** Th | 0548 | 1.9 / 58 | **18** F | 0206 | 0.0 / 0 |
| | 1227 | 0.0 / 0 | | 0623 | 1.6 / 49 |
| | 1803 | 2.0 / 61 | | 1343 | 0.2 / 6 |
| | | | | 1842 | 2.3 / 70 |
| **4** F | 0058 | −0.2 / −6 | **19** Sa | 0246 | 0.0 / 0 |
| | 0631 | 2.0 / 61 | | 0704 | 1.6 / 49 |
| | 1309 | −0.1 / −3 | | 1337 | 0.3 / 9 |
| | 1848 | 2.4 / 73 | | 1924 | 2.3 / 70 |
| **5** Sa | 0155 | −0.4 / −12 | **20** Su | 0320 | 0.0 / 0 |
| | 0715 | 2.0 / 61 | | 0746 | 1.6 / 49 |
| | 1353 | −0.2 / −6 | | 1348 | 0.3 / 9 |
| ● | 1934 | 2.6 / 79 | ○ | 2007 | 2.3 / 70 |
| **6** Su | 0251 | −0.6 / −18 | **21** M | 0348 | 0.0 / 0 |
| | 0801 | 2.0 / 61 | | 0828 | 1.5 / 46 |
| | 1438 | −0.2 / −6 | | 1419 | 0.3 / 9 |
| | 2022 | 2.8 / 85 | | 2050 | 2.3 / 70 |
| **7** M | 0347 | −0.6 / −18 | **22** Tu | 0411 | 0.1 / 3 |
| | 0849 | 2.0 / 61 | | 0911 | 1.5 / 46 |
| | 1525 | −0.2 / −6 | | 1455 | 0.3 / 9 |
| | 2113 | 2.8 / 85 | | 2135 | 2.1 / 64 |
| **8** Tu | 0445 | −0.6 / −18 | **23** W | 0444 | 0.2 / 6 |
| | 0939 | 1.9 / 58 | | 0955 | 1.4 / 43 |
| | 1615 | −0.2 / −6 | | 1536 | 0.4 / 12 |
| | 2206 | 2.7 / 82 | | 2220 | 2.0 / 61 |
| **9** W | 0547 | −0.5 / −15 | **24** Th | 0529 | 0.3 / 9 |
| | 1031 | 1.7 / 52 | | 1041 | 1.3 / 40 |
| | 1712 | −0.1 / −3 | | 1621 | 0.5 / 15 |
| | 2302 | 2.6 / 79 | | 2307 | 1.8 / 55 |
| **10** Th | 0653 | −0.4 / −12 | **25** F | 0624 | 0.4 / 12 |
| | 1125 | 1.6 / 49 | | 1127 | 1.2 / 37 |
| | 1820 | 0.1 / 3 | | 1434 | 0.5 / 15 |
| | | | | 2353 | 1.7 / 52 |
| **11** F | 0000 | 2.4 / 73 | **26** Sa | 0724 | 0.4 / 12 |
| | 0801 | −0.3 / −9 | | 1215 | 1.1 / 34 |
| | 1222 | 1.5 / 46 | | 1511 | 0.6 / 18 |
| | 1944 | 0.1 / 3 | | | |
| **12** Sa | 0100 | 2.2 / 67 | **27** Su | 0042 | 1.6 / 49 |
| | 0904 | −0.2 / −6 | | 0817 | 0.4 / 12 |
| | 1320 | 1.5 / 46 | | 1305 | 1.1 / 34 |
| ◐ | 2107 | 0.1 / 3 | | 1554 | 0.7 / 21 |
| | | | | 1738* | 0.8 / 24 |
| **13** Su | 0202 | 2.0 / 61 | **28** M | 0133 | 1.6 / 49 |
| | 1003 | −0.2 / −6 | | 0901 | 0.4 / 12 |
| | 1420 | 1.5 / 46 | | 1359 | 1.2 / 37 |
| | 2219 | 0.1 / 3 | ◑ | 1646 | 0.8 / 24 |
| | | | | 1810* | 0.9 / 27 |
| **14** M | 0304 | 1.8 / 55 | **29** Tu | 0228 | 1.6 / 49 |
| | 1057 | −0.1 / −3 | | 0940 | 0.3 / 9 |
| | 1521 | 1.6 / 49 | | 1456 | 1.4 / 43 |
| | 2325 | 0.1 / 3 | | 2146 | 0.4 / 12 |
| **15** Tu | 0403 | 1.7 / 52 | **30** W | 0325 | 1.6 / 49 |
| | 1148 | −0.1 / −3 | | 1018 | 0.2 / 6 |
| | 1619 | 1.8 / 55 | | 1552 | 1.7 / 52 |
| | | | | 2245 | 0.2 / 6 |

## May

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Th | 0420 | 1.7 / 52 | **16** F | 0107 | 0.2 / 6 |
| | 1058 | 0.1 / 3 | | 0508 | 1.4 / 43 |
| | 1645 | 2.0 / 61 | | 1225 | 0.4 / 12 |
| | 2345 | 0.0 / 0 | | 1734 | 2.2 / 67 |
| **2** F | 0511 | 1.8 / 55 | **17** Sa | 0154 | 0.1 / 3 |
| | 1141 | 0.0 / 0 | | 0552 | 1.4 / 43 |
| | 1735 | 2.4 / 73 | | 1155 | 0.4 / 12 |
| | | | | 1818 | 2.3 / 70 |
| **3** Sa | 0046 | −0.2 / −6 | **18** Su | 0234 | 0.2 / 6 |
| | 0601 | 1.9 / 58 | | 0635 | 1.4 / 43 |
| | 1227 | −0.1 / −3 | | 1218 | 0.4 / 12 |
| | 1824 | 2.7 / 82 | | 1901 | 2.4 / 73 |
| **4** Su | 0146 | −0.4 / −12 | **19** M | 0307 | 0.2 / 6 |
| | 0649 | 1.9 / 58 | | 0717 | 1.5 / 46 |
| | 1316 | −0.1 / −3 | | 1257 | 0.4 / 12 |
| | 1913 | 2.9 / 88 | ○ | 1944 | 2.4 / 73 |
| **5** M | 0243 | −0.6 / −18 | **20** Tu | 0333 | 0.2 / 6 |
| | 0737 | 2.0 / 61 | | 0800 | 1.5 / 46 |
| | 1408 | −0.2 / −6 | | 1342 | 0.4 / 12 |
| ● | 2003 | 3.0 / 91 | | 2027 | 2.3 / 70 |
| **6** Tu | 0339 | −0.6 / −18 | **21** W | 0357 | 0.2 / 6 |
| | 0827 | 1.9 / 58 | | 0844 | 1.5 / 46 |
| | 1502 | −0.2 / −6 | | 1430 | 0.4 / 12 |
| | 2056 | 3.0 / 91 | | 2111 | 2.2 / 67 |
| **7** W | 0436 | −0.6 / −18 | **22** Th | 0428 | 0.2 / 6 |
| | 0919 | 1.9 / 58 | | 0928 | 1.4 / 43 |
| | 1558 | −0.1 / −3 | | 1519 | 0.4 / 12 |
| | 2150 | 2.9 / 88 | | 2155 | 2.1 / 64 |
| **8** Th | 0535 | −0.5 / −15 | **23** F | 0509 | 0.3 / 9 |
| | 1012 | 1.8 / 55 | | 1014 | 1.4 / 43 |
| | 1659 | 0.0 / 0 | | 1610 | 0.5 / 15 |
| | 2246 | 2.7 / 82 | | 2239 | 2.0 / 61 |
| **9** F | 0637 | −0.4 / −12 | **24** Sa | 0555 | 0.3 / 9 |
| | 1108 | 1.7 / 52 | | 1101 | 1.3 / 40 |
| | 1813 | 0.1 / 3 | | 1706 | 0.6 / 18 |
| | 2342 | 2.5 / 76 | | 2322 | 1.9 / 58 |
| **10** Sa | 0739 | −0.3 / −9 | **25** Su | 0644 | 0.3 / 9 |
| | 1204 | 1.7 / 52 | | 1148 | 1.4 / 43 |
| | 1938 | 0.2 / 6 | | 1452 | 0.7 / 21 |
| | | | | 1616 | 0.8 / 24 |
| | | | | 1811 | 0.7 / 21 |
| **11** Su | 0038 | 2.2 / 67 | **26** M | 0006 | 1.8 / 55 |
| | 0839 | −0.2 / −6 | | 0731 | 0.3 / 9 |
| | 1301 | 1.7 / 52 | | 1236 | 1.4 / 43 |
| ◐ | 2058 | 0.2 / 6 | | 1537 | 0.8 / 24 |
| | | | | 1700* | 0.9 / 27 |
| **12** M | 0135 | 1.9 / 58 | **27** Tu | 0053 | 1.8 / 55 |
| | 0934 | −0.1 / −3 | | 0815 | 0.3 / 9 |
| | 1359 | 1.7 / 52 | | 1326 | 1.5 / 46 |
| | 2208 | 0.2 / 6 | ◑ | 2027 | 0.6 / 18 |
| **13** Tu | 0231 | 1.7 / 52 | **28** W | 0144 | 1.7 / 52 |
| | 1026 | 0.0 / 0 | | 0855 | 0.3 / 9 |
| | 1458 | 1.8 / 55 | | 1421 | 1.7 / 52 |
| | 2313 | 0.2 / 6 | | 2130 | 0.4 / 12 |
| **14** W | 0327 | 1.5 / 46 | **29** Th | 0241 | 1.6 / 49 |
| | 1113 | 0.2 / 6 | | 0936 | 0.2 / 6 |
| | 1554 | 1.9 / 58 | | 1518 | 2.0 / 61 |
| | | | | 2231 | 0.2 / 6 |
| **15** Th | 0013 | 0.2 / 6 | **30** F | 0340 | 1.7 / 52 |
| | 0420 | 1.4 / 43 | | 1018 | 0.2 / 6 |
| | 1156 | 0.3 / 9 | | 1616 | 2.3 / 70 |
| | 1647 | 2.1 / 64 | | 2334 | 0.0 / 0 |
| | | | **31** Sa | 0438 | 1.7 / 52 |
| | | | | 1103 | 0.1 / 3 |
| | | | | 1711 | 2.6 / 79 |

## June

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Su | 0037 | −0.2 / −6 | **16** M | 0217 | 0.4 / 12 |
| | 0532 | 1.8 / 55 | | 0607 | 1.4 / 43 |
| | 1153 | 0.0 / 0 | | 1136 | 0.5 / 15 |
| | 1803 | 2.9 / 88 | | 1841 | 2.3 / 70 |
| **2** M | 0138 | −0.3 / −9 | **17** Tu | 0249 | 0.3 / 9 |
| | 0624 | 1.9 / 58 | | 0651 | 1.4 / 43 |
| | 1248 | −0.1 / −3 | | 1226 | 0.5 / 15 |
| | 1855 | 3.1 / 94 | | 1923 | 2.4 / 73 |
| **3** Tu | 0235 | −0.5 / −15 | **18** W | 0313 | 0.3 / 9 |
| | 0715 | 1.9 / 58 | | 0734 | 1.5 / 46 |
| | 1347 | −0.1 / −3 | | 1321 | 0.4 / 12 |
| ● | 1947 | 3.2 / 98 | ○ | 2005 | 2.4 / 73 |
| **4** W | 0330 | −0.5 / −15 | **19** Th | 0336 | 0.3 / 9 |
| | 0806 | 2.0 / 61 | | 0817 | 1.5 / 46 |
| | 1446 | −0.1 / −3 | | 1415 | 0.4 / 12 |
| | 2039 | 3.1 / 94 | | 2047 | 2.3 / 70 |
| **5** Th | 0424 | −0.5 / −15 | **20** F | 0405 | 0.3 / 9 |
| | 0859 | 2.0 / 61 | | 0901 | 1.6 / 49 |
| | 1547 | −0.1 / −3 | | 1508 | 0.4 / 12 |
| | 2133 | 3.0 / 91 | | 2128 | 2.3 / 70 |
| **6** F | 0518 | −0.5 / −15 | **21** Sa | 0441 | 0.2 / 6 |
| | 0953 | 2.0 / 61 | | 0947 | 1.6 / 49 |
| | 1651 | 0.0 / 0 | | 1600 | 0.5 / 15 |
| | 2226 | 2.8 / 85 | | 2210 | 2.2 / 67 |
| **7** Sa | 0614 | −0.3 / −9 | **22** Su | 0521 | 0.3 / 9 |
| | 1047 | 1.9 / 58 | | 1032 | 1.6 / 49 |
| | 1804 | 0.1 / 3 | | 1656 | 0.5 / 15 |
| | 2320 | 2.5 / 76 | | 2252 | 2.1 / 64 |
| **8** Su | 0711 | −0.2 / −6 | **23** M | 0604 | 0.3 / 9 |
| | 1143 | 1.9 / 58 | | 1118 | 1.7 / 52 |
| | 1924 | 0.3 / 9 | | 1757 | 0.6 / 18 |
| | | | | 2335 | 2.0 / 61 |
| **9** M | 0012 | 2.2 / 67 | **24** Tu | 0648 | 0.3 / 9 |
| | 0807 | −0.1 / −3 | | 1206 | 1.8 / 55 |
| | 1238 | 1.9 / 58 | | 1905 | 0.6 / 18 |
| | 2040 | 0.3 / 9 | | | |
| **10** Tu | 0103 | 1.9 / 58 | **25** W | 0021 | 1.9 / 58 |
| | 0900 | 0.1 / 3 | | 0732 | 0.3 / 9 |
| | 1333 | 1.9 / 58 | | 1256 | 1.9 / 58 |
| ◐ | 2150 | 0.4 / 12 | | 2013 | 0.5 / 15 |
| **11** W | 0155 | 1.6 / 49 | **26** Th | 0112 | 1.8 / 55 |
| | 0949 | 0.3 / 9 | | 0816 | 0.3 / 9 |
| | 1429 | 2.0 / 61 | | 1350 | 2.1 / 64 |
| | 2255 | 0.4 / 12 | ◑ | 2118 | 0.4 / 12 |
| **12** Th | 0248 | 1.4 / 43 | **27** F | 0208 | 1.7 / 52 |
| | 1033 | 0.4 / 12 | | 0901 | 0.3 / 9 |
| | 1525 | 2.0 / 61 | | 1449 | 2.3 / 70 |
| | 2356 | 0.4 / 12 | | 2222 | 0.2 / 6 |
| **13** F | 0342 | 1.3 / 40 | **28** Sa | 0309 | 1.6 / 49 |
| | 1058 | 0.5 / 15 | | 0947 | 0.2 / 6 |
| | 1620 | 2.1 / 64 | | 1550 | 2.5 / 76 |
| | | | | 2326 | 0.1 / 3 |
| **14** Sa | 0051 | 0.4 / 12 | **29** Su | 0410 | 1.7 / 52 |
| | 0433 | 1.3 / 40 | | 1036 | 0.1 / 3 |
| | 1029 | 0.6 / 18 | | 1650 | 2.8 / 85 |
| | 1710 | 2.2 / 67 | | | |
| **15** Su | 0138 | 0.4 / 12 | **30** M | 0029 | −0.1 / −3 |
| | 0522 | 1.3 / 40 | | 0508 | 1.7 / 52 |
| | 1056 | 0.5 / 15 | | 1131 | 0.1 / 3 |
| | 1757 | 2.3 / 70 | | 1746 | 3.0 / 91 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Woods Hole, Massachusetts, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0128 | −0.2 | −6 |
| | 0602 | 1.9 | 58 |
| | 1231 | 0.0 | 0 |
| | 1840 | 3.1 | 94 |
| **2** W ● | 0224 | −0.3 | −9 |
| | 0655 | 2.0 | 61 |
| | 1336 | −0.1 | −3 |
| | 1931 | 3.2 | 98 |
| **3** Th | 0315 | −0.4 | −12 |
| | 0746 | 2.1 | 64 |
| | 1439 | −0.1 | −3 |
| | 2022 | 3.1 | 94 |
| **4** F | 0405 | −0.4 | −12 |
| | 0838 | 2.1 | 64 |
| | 1540 | −0.1 | −3 |
| | 2112 | 2.9 | 88 |
| **5** Sa | 0454 | −0.3 | −9 |
| | 0931 | 2.2 | 67 |
| | 1641 | 0.1 | 3 |
| | 2202 | 2.7 | 82 |
| **6** Su | 0544 | −0.2 | −6 |
| | 1024 | 2.2 | 67 |
| | 1748 | 0.2 | 6 |
| | 2252 | 2.4 | 73 |
| **7** M | 0635 | 0.0 | 0 |
| | 1117 | 2.2 | 67 |
| | 1902 | 0.3 | 9 |
| | 2341 | 2.1 | 64 |
| **8** Tu | 0727 | 0.2 | 6 |
| | 1209 | 2.1 | 64 |
| | 2017 | 0.4 | 12 |
| **9** W ◐ | 0030 | 1.8 | 55 |
| | 0818 | 0.4 | 12 |
| | 1302 | 2.1 | 64 |
| | 2126 | 0.5 | 15 |
| **10** Th | 0119 | 1.5 | 46 |
| | 0905 | 0.5 | 15 |
| | 1356 | 2.0 | 61 |
| | 2231 | 0.5 | 15 |
| **11** F | 0210 | 1.3 | 40 |
| | 0932 | 0.7 | 21 |
| | 1453 | 2.0 | 61 |
| | 2333 | 0.5 | 15 |
| **12** Sa | 0304 | 1.2 | 37 |
| | 0915 | 0.7 | 21 |
| | 1552 | 2.0 | 61 |
| **13** Su | 0029 | 0.5 | 15 |
| | 0359 | 1.2 | 37 |
| | 0944 | 0.7 | 21 |
| | 1647 | 2.1 | 64 |
| **14** M | 0116 | 0.5 | 15 |
| | 0452 | 1.3 | 40 |
| | 1026 | 0.6 | 18 |
| | 1737 | 2.2 | 67 |
| **15** Tu | 0153 | 0.5 | 15 |
| | 0540 | 1.4 | 43 |
| | 1115 | 0.6 | 18 |
| | 1821 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0221 | 0.5 | 15 |
| | 0625 | 1.5 | 46 |
| | 1211 | 0.5 | 15 |
| | 1902 | 2.3 | 70 |
| **17** Th | 0240 | 0.4 | 12 |
| | 0708 | 1.6 | 49 |
| | 1308 | 0.4 | 12 |
| | 1942 | 2.4 | 73 |
| **18** F ○ | 0301 | 0.3 | 9 |
| | 0751 | 1.7 | 52 |
| | 1404 | 0.4 | 12 |
| | 2021 | 2.4 | 73 |
| **19** Sa | 0330 | 0.2 | 6 |
| | 0834 | 1.8 | 55 |
| | 1457 | 0.4 | 12 |
| | 2100 | 2.4 | 73 |
| **20** Su | 0405 | 0.2 | 6 |
| | 0918 | 1.9 | 58 |
| | 1550 | 0.4 | 12 |
| | 2140 | 2.3 | 70 |
| **21** M | 0443 | 0.2 | 6 |
| | 1002 | 1.9 | 58 |
| | 1645 | 0.4 | 12 |
| | 2223 | 2.2 | 67 |
| **22** Tu | 0523 | 0.3 | 9 |
| | 1049 | 2.0 | 61 |
| | 1745 | 0.4 | 12 |
| | 2308 | 2.1 | 64 |
| **23** W | 0606 | 0.3 | 9 |
| | 1137 | 2.1 | 64 |
| | 1852 | 0.4 | 12 |
| | 2355 | 1.9 | 58 |
| **24** Th | 0653 | 0.4 | 12 |
| | 1228 | 2.2 | 67 |
| | 2002 | 0.4 | 12 |
| **25** F ◑ | 0047 | 1.8 | 55 |
| | 0743 | 0.4 | 12 |
| | 1325 | 2.3 | 70 |
| | 2110 | 0.3 | 9 |
| **26** Sa | 0143 | 1.7 | 52 |
| | 0835 | 0.3 | 9 |
| | 1426 | 2.4 | 73 |
| | 2215 | 0.2 | 6 |
| **27** Su | 0244 | 1.6 | 49 |
| | 0928 | 0.3 | 9 |
| | 1531 | 2.6 | 79 |
| | 2318 | 0.1 | 3 |
| **28** M | 0347 | 1.7 | 52 |
| | 1024 | 0.2 | 6 |
| | 1634 | 2.7 | 82 |
| **29** Tu | 0019 | 0.0 | 0 |
| | 0447 | 1.8 | 55 |
| | 1125 | 0.1 | 3 |
| | 1731 | 2.9 | 88 |
| **30** W | 0115 | −0.1 | −3 |
| | 0543 | 1.9 | 58 |
| | 1230 | 0.0 | 0 |
| | 1824 | 3.0 | 91 |
| **31** Th | 0207 | −0.2 | −6 |
| | 0636 | 2.1 | 64 |
| | 1337 | 0.0 | 0 |
| | 1913 | 3.0 | 91 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0255 | −0.3 | −9 |
| | 0726 | 2.2 | 67 |
| | 1437 | −0.1 | −3 |
| | 2001 | 2.9 | 88 |
| **2** Sa | 0340 | −0.2 | −6 |
| | 0816 | 2.3 | 70 |
| | 1534 | 0.0 | 0 |
| | 2048 | 2.7 | 82 |
| **3** Su | 0423 | −0.1 | −3 |
| | 0906 | 2.4 | 73 |
| | 1629 | 0.1 | 3 |
| | 2134 | 2.5 | 76 |
| **4** M | 0505 | 0.0 | 0 |
| | 0956 | 2.4 | 73 |
| | 1728 | 0.2 | 6 |
| | 2221 | 2.2 | 67 |
| **5** Tu | 0547 | 0.2 | 6 |
| | 1047 | 2.3 | 70 |
| | 1834 | 0.4 | 12 |
| | 2309 | 1.9 | 58 |
| **6** W | 0626 | 0.5 | 15 |
| | 1137 | 2.2 | 67 |
| | 1947 | 0.5 | 15 |
| | 2356 | 1.7 | 52 |
| **7** Th | 0655 | 0.6 | 18 |
| | 1229 | 2.1 | 64 |
| | 2058 | 0.6 | 18 |
| **8** F ◐ | 0044 | 1.5 | 46 |
| | 0713 | 0.8 | 24 |
| | 1322 | 2.0 | 61 |
| | 2203 | 0.6 | 18 |
| **9** Sa | 0134 | 1.3 | 40 |
| | 0417 | 0.8 | 24 |
| | 0553 | 0.9 | 27 |
| | 0747 | 0.8 | 24 |
| | 1420* | 1.9 | 58 |
| **10** Su | 0228 | 1.2 | 37 |
| | 0501 | 0.8 | 24 |
| | 0636 | 0.9 | 27 |
| | 0831 | 0.8 | 24 |
| | 1523* | 1.9 | 58 |
| **11** M | 0326 | 1.2 | 37 |
| | 0920 | 0.8 | 24 |
| | 1624 | 1.9 | 58 |
| **12** Tu | 0043 | 0.6 | 18 |
| | 0423 | 1.3 | 40 |
| | 1011 | 0.7 | 21 |
| | 1715 | 2.0 | 61 |
| **13** W | 0114 | 0.6 | 18 |
| | 0514 | 1.4 | 43 |
| | 1104 | 0.6 | 18 |
| | 1758 | 2.2 | 67 |
| **14** Th | 0133 | 0.5 | 15 |
| | 0600 | 1.6 | 49 |
| | 1200 | 0.5 | 15 |
| | 1837 | 2.3 | 70 |
| **15** F | 0148 | 0.4 | 12 |
| | 0642 | 1.8 | 55 |
| | 1257 | 0.4 | 12 |
| | 1914 | 2.4 | 73 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0214 | 0.3 | 9 |
| | 0724 | 1.9 | 58 |
| | 1352 | 0.3 | 9 |
| | 1951 | 2.4 | 73 |
| **17** Su | 0248 | 0.2 | 6 |
| | 0805 | 2.1 | 64 |
| | 1445 | 0.2 | 6 |
| | 2030 | 2.4 | 73 |
| **18** M | 0324 | 0.2 | 6 |
| | 0848 | 2.2 | 67 |
| | 1539 | 0.2 | 6 |
| | 2112 | 2.3 | 70 |
| **19** Tu | 0403 | 0.2 | 6 |
| | 0933 | 2.3 | 70 |
| | 1634 | 0.2 | 6 |
| | 2156 | 2.2 | 67 |
| **20** W | 0444 | 0.2 | 6 |
| | 1021 | 2.4 | 73 |
| | 1735 | 0.2 | 6 |
| | 2243 | 2.1 | 64 |
| **21** Th | 0528 | 0.3 | 9 |
| | 1112 | 2.4 | 73 |
| | 1842 | 0.3 | 9 |
| | 2334 | 1.9 | 58 |
| **22** F | 0620 | 0.4 | 12 |
| | 1206 | 2.5 | 76 |
| | 1954 | 0.3 | 9 |
| **23** Sa ◑ | 0027 | 1.8 | 55 |
| | 0718 | 0.4 | 12 |
| | 1305 | 2.5 | 76 |
| | 2103 | 0.2 | 6 |
| **24** Su | 0124 | 1.7 | 52 |
| | 0821 | 0.4 | 12 |
| | 1408 | 2.5 | 76 |
| | 2207 | 0.1 | 3 |
| **25** M | 0226 | 1.6 | 49 |
| | 0925 | 0.3 | 9 |
| | 1514 | 2.5 | 76 |
| | 2307 | 0.1 | 3 |
| **26** Tu | 0329 | 1.7 | 52 |
| | 1030 | 0.2 | 6 |
| | 1618 | 2.6 | 79 |
| **27** W | 0003 | 0.0 | 0 |
| | 0430 | 1.8 | 55 |
| | 1136 | 0.2 | 6 |
| | 1715 | 2.7 | 82 |
| **28** Th | 0056 | −0.1 | −3 |
| | 0526 | 2.0 | 61 |
| | 1242 | 0.1 | 3 |
| | 1805 | 2.7 | 82 |
| **29** F | 0144 | −0.1 | −3 |
| | 0617 | 2.2 | 67 |
| | 1342 | 0.0 | 0 |
| | 1851 | 2.7 | 82 |
| **30** Sa ● | 0228 | −0.1 | −3 |
| | 0706 | 2.4 | 73 |
| | 1436 | 0.0 | 0 |
| | 1936 | 2.6 | 79 |
| **31** Su | 0308 | 0.0 | 0 |
| | 0753 | 2.5 | 76 |
| | 1526 | 0.0 | 0 |
| | 2020 | 2.4 | 73 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0344 | 0.1 | 3 |
| | 0840 | 2.6 | 79 |
| | 1614 | 0.1 | 3 |
| | 2104 | 2.2 | 67 |
| **2** Tu | 0413 | 0.3 | 9 |
| | 0927 | 2.5 | 76 |
| | 1704 | 0.3 | 9 |
| | 2150 | 2.0 | 61 |
| **3** W | 0431 | 0.4 | 12 |
| | 1015 | 2.4 | 73 |
| | 1801 | 0.4 | 12 |
| | 2236 | 1.8 | 55 |
| **4** Th | 0449 | 0.6 | 18 |
| | 1104 | 2.3 | 70 |
| | 1910 | 0.6 | 18 |
| | 2323 | 1.6 | 49 |
| **5** F | 0516 | 0.7 | 21 |
| | 1155 | 2.1 | 64 |
| | 2023 | 0.6 | 18 |
| **6** Sa | 0011 | 1.4 | 43 |
| | 0555 | 0.8 | 24 |
| | 1248 | 1.9 | 58 |
| | 2129 | 0.7 | 21 |
| **7** Su ◐ | 0101 | 1.3 | 40 |
| | 0346 | 0.8 | 24 |
| | 1346 | 1.8 | 55 |
| | 2227 | 0.7 | 21 |
| **8** M | 0156 | 1.2 | 37 |
| | 0428 | 0.8 | 24 |
| | 0616 | 1.0 | 30 |
| | 0803 | 0.9 | 27 |
| | 1449* | 1.8 | 55 |
| **9** Tu | 0255 | 1.2 | 37 |
| | 0518 | 0.9 | 27 |
| | 0646 | 1.0 | 30 |
| | 0904 | 0.8 | 24 |
| | 1552* | 1.8 | 55 |
| **10** W | 0354 | 1.3 | 40 |
| | 0959 | 0.7 | 21 |
| | 1644 | 1.9 | 58 |
| **11** Th | 0007 | 0.6 | 18 |
| | 0446 | 1.5 | 46 |
| | 1053 | 0.6 | 18 |
| | 1726 | 2.0 | 61 |
| **12** F | 0020 | 0.5 | 15 |
| | 0532 | 1.7 | 52 |
| | 1148 | 0.4 | 12 |
| | 1804 | 2.1 | 64 |
| **13** Sa | 0049 | 0.4 | 12 |
| | 0615 | 1.9 | 58 |
| | 1244 | 0.3 | 9 |
| | 1842 | 2.2 | 67 |
| **14** Su | 0124 | 0.2 | 6 |
| | 0656 | 2.2 | 67 |
| | 1339 | 0.1 | 3 |
| | 1921 | 2.3 | 70 |
| **15** M ○ | 0203 | 0.2 | 6 |
| | 0737 | 2.4 | 73 |
| | 1434 | 0.0 | 0 |
| | 2001 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0243 | 0.1 | 3 |
| | 0821 | 2.6 | 79 |
| | 1528 | 0.0 | 0 |
| | 2045 | 2.2 | 67 |
| **17** W | 0324 | 0.1 | 3 |
| | 0907 | 2.7 | 82 |
| | 1624 | −0.1 | −3 |
| | 2132 | 2.1 | 64 |
| **18** Th | 0408 | 0.2 | 6 |
| | 0957 | 2.7 | 82 |
| | 1726 | 0.0 | 0 |
| | 2222 | 2.0 | 61 |
| **19** F | 0457 | 0.2 | 6 |
| | 1051 | 2.7 | 82 |
| | 1834 | 0.0 | 0 |
| | 2314 | 1.8 | 55 |
| **20** Sa | 0555 | 0.3 | 9 |
| | 1148 | 2.6 | 79 |
| | 1945 | 0.1 | 3 |
| **21** Su | 0010 | 1.7 | 52 |
| | 0704 | 0.4 | 12 |
| | 1248 | 2.5 | 76 |
| | 2052 | 0.1 | 3 |
| **22** M ◑ | 0108 | 1.6 | 49 |
| | 0821 | 0.4 | 12 |
| | 1352 | 2.4 | 73 |
| | 2153 | 0.0 | 0 |
| **23** Tu | 0210 | 1.6 | 49 |
| | 0935 | 0.3 | 9 |
| | 1457 | 2.4 | 73 |
| | 2249 | 0.0 | 0 |
| **24** W | 0312 | 1.7 | 52 |
| | 1044 | 0.2 | 6 |
| | 1559 | 2.3 | 70 |
| | 2342 | −0.1 | −3 |
| **25** Th | 0413 | 1.9 | 58 |
| | 1149 | 0.1 | 3 |
| | 1654 | 2.3 | 70 |
| **26** F | 0031 | −0.1 | −3 |
| | 0508 | 2.1 | 64 |
| | 1249 | 0.1 | 3 |
| | 1742 | 2.3 | 70 |
| **27** Sa | 0116 | 0.0 | 0 |
| | 0558 | 2.3 | 70 |
| | 1343 | 0.0 | 0 |
| | 1826 | 2.3 | 70 |
| **28** Su | 0156 | 0.0 | 0 |
| | 0644 | 2.5 | 76 |
| | 1432 | 0.0 | 0 |
| | 1909 | 2.2 | 67 |
| **29** M ● | 0229 | 0.2 | 6 |
| | 0729 | 2.6 | 79 |
| | 1516 | 0.1 | 3 |
| | 1951 | 2.1 | 64 |
| **30** Tu | 0249 | 0.3 | 9 |
| | 0813 | 2.6 | 79 |
| | 1558 | 0.1 | 3 |
| | 2034 | 1.9 | 58 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Woods Hole, Massachusetts, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** W | 0259 | 0.4 / 12 | **16** Th | 0251 | 0.0 / 0 |
| | 0858 | 2.6 / 79 | | 0846 | 2.9 / 88 |
| | 1639 | 0.3 / 9 | | 1616 | −0.3 / −9 |
| | 2118 | 1.8 / 55 | | 2110 | 2.0 / 61 |
| **2** Th | 0319 | 0.5 / 15 | **17** F | 0341 | 0.0 / 0 |
| | 0944 | 2.4 / 73 | | 0938 | 2.9 / 88 |
| | 1724 | 0.4 / 12 | | 1717 | −0.2 / −6 |
| | 2204 | 1.6 / 49 | | 2202 | 1.9 / 58 |
| **3** F | 0346 | 0.6 / 18 | **18** Sa | 0435 | 0.1 / 3 |
| | 1032 | 2.2 / 67 | | 1034 | 2.8 / 85 |
| | 1822 | 0.5 / 15 | | 1822 | −0.2 / −6 |
| | 2251 | 1.5 / 46 | | 2256 | 1.8 / 55 |
| **4** Sa | 0418 | 0.7 / 21 | **19** Su | 0540 | 0.2 / 6 |
| | 1123 | 2.0 / 61 | | 1132 | 2.6 / 79 |
| | 1937 | 0.6 / 18 | | 1929 | −0.1 / −3 |
| | 2340 | 1.3 / 40 | | 2353 | 1.7 / 52 |
| **5** Su | 0242 | 0.7 / 21 | **20** M | 0659 | 0.3 / 9 |
| | 1215 | 1.9 / 58 | | 1231 | 2.5 / 76 |
| | 2044 | 0.6 / 18 | | 2033 | −0.1 / −3 |
| **6** M | 0031 | 1.2 / 37 | **21** Tu | 0052 | 1.7 / 52 |
| | 0317 | 0.7 / 21 | | 0824 | 0.3 / 9 |
| | 1310 | 1.7 / 52 | | 1332 | 2.3 / 70 |
| | 2137 | 0.6 / 18 | ◑ | 2132 | −0.1 / −3 |
| **7** Tu | 0125 | 1.2 / 37 | **22** W | 0153 | 1.7 / 52 |
| | 0357 | 0.8 / 24 | | 0940 | 0.2 / 6 |
| | 0549 | 1.0 / 30 | | 1433 | 2.1 / 64 |
| ◐ | 0739 | 0.9 / 27 | | 2225 | −0.1 / −3 |
| | 1408* | 1.7 / 52 | | | |
| **8** W | 0222 | 1.2 / 37 | **23** Th | 0255 | 1.8 / 55 |
| | 0445 | 0.9 / 27 | | 1047 | 0.2 / 6 |
| | 0620 | 1.0 / 30 | | 1533 | 2.0 / 61 |
| | 0847 | 0.8 / 24 | | 2315 | −0.1 / −3 |
| | 1506* | 1.7 / 52 | | | |
| **9** Th | 0321 | 1.3 / 40 | **24** F | 0354 | 2.0 / 61 |
| | 0945 | 0.7 / 21 | | 1149 | 0.1 / 3 |
| | 1558 | 1.7 / 52 | | 1627 | 1.9 / 58 |
| | 2250 | 0.5 / 15 | | | |
| **10** F | 0414 | 1.5 / 46 | **25** Sa | 0002 | 0.0 / 0 |
| | 1039 | 0.5 / 15 | | 0448 | 2.2 / 67 |
| | 1644 | 1.8 / 55 | | 1246 | 0.1 / 3 |
| | 2321 | 0.4 / 12 | | 1715 | 1.9 / 58 |
| **11** Sa | 0501 | 1.8 / 55 | **26** Su | 0044 | 0.1 / 3 |
| | 1134 | 0.3 / 9 | | 0537 | 2.4 / 73 |
| | 1727 | 1.9 / 58 | | 1338 | 0.0 / 0 |
| | 2357 | 0.2 / 6 | | 1759 | 1.8 / 55 |
| **12** Su | 0545 | 2.1 / 64 | **27** M | 0118 | 0.2 / 6 |
| | 1230 | 0.1 / 3 | | 0622 | 2.5 / 76 |
| | 1808 | 2.0 / 61 | | 1425 | 0.0 / 0 |
| | | | | 1841 | 1.8 / 55 |
| **13** M | 0037 | 0.1 / 3 | **28** Tu | 0131 | 0.3 / 9 |
| | 0628 | 2.4 / 73 | | 0705 | 2.6 / 79 |
| | 1327 | 0.0 / 0 | | 1506 | 0.1 / 3 |
| | 1851 | 2.1 / 64 | ● | 1923 | 1.7 / 52 |
| **14** Tu | 0120 | 0.1 / 3 | **29** W | 0133 | 0.3 / 9 |
| | 0711 | 2.7 / 82 | | 0748 | 2.6 / 79 |
| | 1423 | −0.2 / −6 | | 1543 | 0.1 / 3 |
| ○ | 1934 | 2.1 / 64 | | 2006 | 1.7 / 52 |
| **15** W | 0204 | 0.0 / 0 | **30** Th | 0158 | 0.4 / 12 |
| | 0757 | 2.9 / 88 | | 0832 | 2.5 / 76 |
| | 1519 | −0.3 / −9 | | 1617 | 0.2 / 6 |
| | 2021 | 2.1 / 64 | | 2049 | 1.6 / 49 |
| | | | **31** F | 0231 | 0.4 / 12 |
| | | | | 0917 | 2.3 / 70 |
| | | | | 1651 | 0.3 / 9 |
| | | | | 2134 | 1.5 / 46 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0309 | 0.5 / 15 | **16** Su | 0422 | −0.1 / −3 |
| | 1004 | 2.2 / 67 | | 1018 | 2.8 / 85 |
| | 1733 | 0.4 / 12 | | 1805 | −0.4 / −12 |
| | 2221 | 1.4 / 43 | | 2238 | 1.8 / 55 |
| **2** Su | 0353 | 0.6 / 18 | **17** M | 0531 | 0.0 / 0 |
| | 1053 | 2.0 / 61 | | 1114 | 2.6 / 79 |
| | 1829 | 0.5 / 15 | | 1907 | −0.3 / −9 |
| | 2310 | 1.3 / 40 | | 2335 | 1.7 / 52 |
| **3** M | 0217 | 0.6 / 18 | **18** Tu | 0653 | 0.1 / 3 |
| | 1142 | 1.8 / 55 | | 1210 | 2.4 / 73 |
| | 1932 | 0.5 / 15 | | 2008 | −0.2 / −6 |
| **4** Tu | 0000 | 1.2 / 37 | **19** W | 0033 | 1.7 / 52 |
| | 0252 | 0.7 / 21 | | 0817 | 0.2 / 6 |
| | 1231 | 1.7 / 52 | | 1307 | 2.1 / 64 |
| | 2020 | 0.5 / 15 | ◑ | 2104 | −0.2 / −6 |
| **5** W | 0052 | 1.2 / 37 | **20** Th | 0132 | 1.8 / 55 |
| | 0332 | 0.8 / 24 | | 0932 | 0.2 / 6 |
| | 0518 | 0.9 / 27 | | 1403 | 1.8 / 55 |
| ◐ | 0714 | 0.8 / 24 | | 2157 | −0.1 / −3 |
| | 1320* | 1.6 / 49 | | | |
| **6** Th | 0146 | 1.3 / 40 | **21** F | 0232 | 1.8 / 55 |
| | 0419 | 0.9 / 27 | | 1038 | 0.1 / 3 |
| | 0552 | 1.0 / 30 | | 1459 | 1.6 / 49 |
| | 0825 | 0.7 / 21 | | 2246 | 0.0 / 0 |
| | 1412* | 1.6 / 49 | | | |
| **7** F | 0241 | 1.4 / 43 | **22** Sa | 0331 | 2.0 / 61 |
| | 0926 | 0.6 / 18 | | 1141 | 0.1 / 3 |
| | 1505 | 1.6 / 49 | | 1554 | 1.5 / 46 |
| | 2158 | 0.3 / 9 | | 2332 | 0.1 / 3 |
| **8** Sa | 0336 | 1.6 / 49 | **23** Su | 0426 | 2.1 / 64 |
| | 1023 | 0.4 / 12 | | 1238 | 0.1 / 3 |
| | 1558 | 1.6 / 49 | | 1644 | 1.4 / 43 |
| | 2234 | 0.2 / 6 | | | |
| **9** Su | 0427 | 1.9 / 58 | **24** M | 0012 | 0.2 / 6 |
| | 1119 | 0.2 / 6 | | 0515 | 2.2 / 67 |
| | 1648 | 1.7 / 52 | | 1330 | 0.1 / 3 |
| | 2314 | 0.1 / 3 | | 1730 | 1.4 / 43 |
| **10** M | 0515 | 2.3 / 70 | **25** Tu | 0025 | 0.3 / 9 |
| | 1218 | 0.0 / 0 | | 0601 | 2.3 / 70 |
| | 1736 | 1.8 / 55 | | 1415 | 0.1 / 3 |
| | 2356 | 0.0 / 0 | | 1814 | 1.4 / 43 |
| **11** Tu | 0602 | 2.6 / 79 | **26** W | 0012 | 0.3 / 9 |
| | 1316 | −0.2 / −6 | | 0644 | 2.4 / 73 |
| | 1823 | 1.9 / 58 | | 1454 | 0.1 / 3 |
| | | | | 1857 | 1.5 / 46 |
| **12** W | 0043 | −0.1 / −3 | **27** Th | 0041 | 0.3 / 9 |
| | 0649 | 2.8 / 85 | | 0727 | 2.4 / 73 |
| | 1414 | −0.3 / −9 | | 1528 | 0.1 / 3 |
| | 1910 | 1.9 / 58 | ● | 1939 | 1.5 / 46 |
| **13** Th | 0134 | −0.1 / −3 | **28** F | 0121 | 0.3 / 9 |
| | 0738 | 3.0 / 91 | | 0811 | 2.3 / 70 |
| | 1510 | −0.4 / −12 | | 1557 | 0.2 / 6 |
| ○ | 1959 | 1.9 / 58 | | 2023 | 1.5 / 46 |
| **14** F | 0227 | −0.2 / −6 | **29** Sa | 0206 | 0.3 / 9 |
| | 0829 | 3.0 / 91 | | 0855 | 2.2 / 67 |
| | 1606 | −0.5 / −15 | | 1623 | 0.2 / 6 |
| | 2049 | 1.9 / 58 | | 2108 | 1.4 / 43 |
| **15** Sa | 0323 | −0.2 / −6 | **30** Su | 0254 | 0.3 / 9 |
| | 0922 | 3.0 / 91 | | 0939 | 2.1 / 64 |
| | 1704 | −0.4 / −12 | | 1656 | 0.3 / 9 |
| | 2142 | 1.8 / 55 | | 2154 | 1.3 / 40 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0343 | 0.4 / 12 | **16** Tu | 0522 | −0.1 / −3 |
| | 1024 | 2.0 / 61 | | 1052 | 2.5 / 76 |
| | 1737 | 0.3 / 9 | | 1838 | −0.4 / −12 |
| | 2241 | 1.3 / 40 | | 2314 | 1.9 / 58 |
| **2** Tu | 0438 | 0.5 / 15 | **17** W | 0640 | 0.0 / 0 |
| | 1108 | 1.9 / 58 | | 1145 | 2.2 / 67 |
| | 1823 | 0.3 / 9 | | 1935 | −0.3 / −9 |
| | 2329 | 1.3 / 40 | | | |
| **3** W | 0234 | 0.6 / 18 | **18** Th | 0010 | 1.8 / 55 |
| | 0353 | 0.7 / 21 | | 0801 | 0.1 / 3 |
| | 0540 | 0.6 / 18 | | 1237 | 1.9 / 58 |
| | 1151 | 1.7 / 52 | | 2031 | −0.1 / −3 |
| | 1910 | 0.3 / 9 | | | |
| **4** Th | 0017 | 1.3 / 40 | **19** F | 0106 | 1.8 / 55 |
| | 0314 | 0.7 / 21 | | 0915 | 0.1 / 3 |
| | 0441 | 0.8 / 24 | | 1329 | 1.6 / 49 |
| | 0651 | 0.6 / 18 | ◑ | 2125 | 0.0 / 0 |
| | 1235* | 1.6 / 49 | | | |
| **5** F | 0107 | 1.4 / 43 | **20** Sa | 0204 | 1.8 / 55 |
| | 0801 | 0.6 / 18 | | 1023 | 0.1 / 3 |
| | 1322 | 1.5 / 46 | | 1423 | 1.3 / 40 |
| ◐ | 2034 | 0.3 / 9 | | 2216 | 0.1 / 3 |
| **6** Sa | 0159 | 1.5 / 46 | **21** Su | 0302 | 1.9 / 58 |
| | 0906 | 0.5 / 15 | | 1127 | 0.1 / 3 |
| | 1416 | 1.5 / 46 | | 1518 | 1.2 / 37 |
| | 2113 | 0.2 / 6 | | 2304 | 0.3 / 9 |
| **7** Su | 0255 | 1.7 / 52 | **22** M | 0400 | 1.9 / 58 |
| | 1006 | 0.3 / 9 | | 1226 | 0.1 / 3 |
| | 1513 | 1.5 / 46 | | 1611 | 1.1 / 34 |
| | 2154 | 0.1 / 3 | | 2343 | 0.3 / 9 |
| **8** M | 0352 | 2.0 / 61 | **23** Tu | 0453 | 2.0 / 61 |
| | 1106 | 0.1 / 3 | | 1318 | 0.1 / 3 |
| | 1611 | 1.5 / 46 | | 1701 | 1.1 / 34 |
| | 2237 | 0.0 / 0 | | 2303 | 0.4 / 12 |
| **9** Tu | 0447 | 2.3 / 70 | **24** W | 0542 | 2.1 / 64 |
| | 1207 | −0.1 / −3 | | 1402 | 0.1 / 3 |
| | 1706 | 1.6 / 49 | | 1748 | 1.2 / 37 |
| | 2325 | −0.1 / −3 | | 2331 | 0.3 / 9 |
| **10** W | 0540 | 2.6 / 79 | **25** Th | 0627 | 2.1 / 64 |
| | 1308 | −0.3 / −9 | | 1438 | 0.1 / 3 |
| | 1758 | 1.7 / 52 | | 1832 | 1.3 / 40 |
| **11** Th | 0017 | −0.2 / −6 | **26** F | 0014 | 0.2 / 6 |
| | 0632 | 2.9 / 88 | | 0709 | 2.2 / 67 |
| | 1405 | −0.4 / −12 | | 1508 | 0.1 / 3 |
| | 1848 | 1.8 / 55 | | 1916 | 1.4 / 43 |
| **12** F | 0114 | −0.3 / −9 | **27** Sa | 0104 | 0.2 / 6 |
| | 0723 | 3.0 / 91 | | 0751 | 2.2 / 67 |
| | 1500 | −0.6 / −18 | | 1531 | 0.1 / 3 |
| ○ | 1939 | 1.9 / 58 | ● | 1959 | 1.4 / 43 |
| **13** Sa | 0213 | −0.4 / −12 | **28** Su | 0155 | 0.2 / 6 |
| | 0814 | 3.0 / 91 | | 0833 | 2.1 / 64 |
| | 1553 | −0.6 / −18 | | 1551 | 0.1 / 3 |
| | 2030 | 1.9 / 58 | | 2042 | 1.4 / 43 |
| **14** Su | 0313 | −0.4 / −12 | **29** M | 0245 | 0.2 / 6 |
| | 0906 | 3.0 / 91 | | 0914 | 2.1 / 64 |
| | 1646 | −0.6 / −18 | | 1620 | 0.1 / 3 |
| | 2124 | 1.9 / 58 | | 2127 | 1.4 / 43 |
| **15** M | 0414 | −0.3 / −9 | **30** Tu | 0336 | 0.2 / 6 |
| | 0959 | 2.8 / 85 | | 0954 | 2.0 / 61 |
| | 1741 | −0.5 / −15 | | 1655 | 0.1 / 3 |
| | 2218 | 1.9 / 58 | | 2211 | 1.4 / 43 |
| | | | **31** W | 0428 | 0.3 / 9 |
| | | | | 1034 | 1.9 / 58 |
| | | | | 1735 | 0.1 / 3 |
| | | | | 2256 | 1.4 / 43 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Newport, Rhode Island, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0156 | 3.1 | 94 |
| | 0805 | 0.6 | 18 |
| | 1414 | 2.4 | 73 |
| | 1943 | 0.4 | 12 |
| **2** W | 0251 | 3.0 | 91 |
| | 0907 | 0.6 | 18 |
| | 1509 | 2.4 | 73 |
| | 2038 | 0.4 | 12 |
| **3** Th | 0347 | 3.0 | 91 |
| | 0956 | 0.5 | 15 |
| | 1605 | 2.4 | 73 |
| | 2128 | 0.3 | 9 |
| **4** F | 0441 | 3.1 | 94 |
| | 1041 | 0.4 | 12 |
| | 1657 | 2.5 | 76 |
| | 2215 | 0.2 | 6 |
| **5** Sa | 0529 | 3.2 | 98 |
| | 1125 | 0.3 | 9 |
| | 1743 | 2.6 | 79 |
| | 2301 | 0.1 | 3 |
| **6** Su | 0610 | 3.4 | 104 |
| | 1209 | 0.1 | 3 |
| | 1824 | 2.8 | 85 |
| | 2345 | 0.0 | 0 |
| **7** M | 0649 | 3.5 | 107 |
| | 1253 | 0.0 | 0 |
| | 1904 | 2.9 | 88 |
| **8** Tu ● | 0029 | −0.1 | −3 |
| | 0726 | 3.6 | 110 |
| | 1333 | −0.1 | −3 |
| | 1944 | 3.1 | 94 |
| **9** W | 0112 | −0.1 | −3 |
| | 0804 | 3.7 | 113 |
| | 1410 | −0.2 | −6 |
| | 2024 | 3.1 | 94 |
| **10** Th | 0154 | −0.2 | −6 |
| | 0844 | 3.7 | 113 |
| | 1444 | −0.2 | −6 |
| | 2106 | 3.2 | 98 |
| **11** F | 0235 | −0.2 | −6 |
| | 0927 | 3.6 | 110 |
| | 1517 | −0.3 | −9 |
| | 2151 | 3.3 | 101 |
| **12** Sa | 0318 | −0.2 | −6 |
| | 1013 | 3.5 | 107 |
| | 1551 | −0.2 | −6 |
| | 2238 | 3.4 | 104 |
| **13** Su | 0403 | −0.1 | −3 |
| | 1102 | 3.4 | 104 |
| | 1629 | −0.2 | −6 |
| | 2327 | 3.5 | 107 |
| **14** M | 0453 | 0.0 | 0 |
| | 1153 | 3.2 | 98 |
| | 1713 | −0.2 | −6 |
| **15** Tu ◐ | 0019 | 3.5 | 107 |
| | 0555 | 0.2 | 6 |
| | 1247 | 3.0 | 91 |
| | 1807 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0116 | 3.6 | 110 |
| | 0719 | 0.3 | 9 |
| | 1346 | 2.9 | 88 |
| | 1910 | −0.1 | −3 |
| **17** Th | 0218 | 3.6 | 110 |
| | 0858 | 0.2 | 6 |
| | 1450 | 2.9 | 88 |
| | 2019 | −0.2 | −6 |
| **18** F | 0326 | 3.7 | 113 |
| | 1012 | 0.1 | 3 |
| | 1557 | 3.0 | 91 |
| | 2125 | −0.3 | −9 |
| **19** Sa | 0433 | 3.9 | 119 |
| | 1112 | −0.1 | −3 |
| | 1701 | 3.2 | 98 |
| | 2226 | −0.5 | −15 |
| **20** Su | 0534 | 4.1 | 125 |
| | 1206 | −0.3 | −9 |
| | 1758 | 3.4 | 104 |
| | 2323 | −0.6 | −18 |
| **21** M | 0629 | 4.2 | 128 |
| | 1255 | −0.4 | −12 |
| | 1851 | 3.7 | 113 |
| **22** Tu ○ | 0019 | −0.6 | −18 |
| | 0719 | 4.3 | 131 |
| | 1339 | −0.5 | −15 |
| | 1941 | 3.8 | 116 |
| **23** W | 0112 | −0.7 | −21 |
| | 0807 | 4.2 | 128 |
| | 1416 | −0.5 | −15 |
| | 2029 | 3.9 | 119 |
| **24** Th | 0201 | −0.6 | −18 |
| | 0853 | 4.0 | 122 |
| | 1448 | −0.4 | −12 |
| | 2116 | 3.8 | 116 |
| **25** F | 0246 | −0.5 | −15 |
| | 0938 | 3.7 | 113 |
| | 1518 | −0.4 | −12 |
| | 2202 | 3.7 | 113 |
| **26** Sa | 0328 | −0.3 | −9 |
| | 1023 | 3.4 | 104 |
| | 1549 | −0.2 | −6 |
| | 2248 | 3.6 | 110 |
| **27** Su | 0410 | −0.1 | −3 |
| | 1107 | 3.1 | 94 |
| | 1621 | −0.1 | −3 |
| | 2333 | 3.3 | 101 |
| **28** M | 0454 | 0.2 | 6 |
| | 1150 | 2.7 | 82 |
| | 1658 | 0.1 | 3 |
| **29** Tu | 0018 | 3.1 | 94 |
| | 0543 | 0.4 | 12 |
| | 1233 | 2.5 | 76 |
| | 1742 | 0.3 | 9 |
| **30** W ◑ | 0105 | 2.9 | 88 |
| | 0644 | 0.6 | 18 |
| | 1319 | 2.3 | 70 |
| | 1835 | 0.4 | 12 |
| **31** Th | 0156 | 2.8 | 85 |
| | 0804 | 0.7 | 21 |
| | 1412 | 2.2 | 67 |
| | 1941 | 0.5 | 15 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0256 | 2.7 | 82 |
| | 0918 | 0.6 | 18 |
| | 1514 | 2.2 | 67 |
| | 2049 | 0.4 | 12 |
| **2** Sa | 0401 | 2.8 | 85 |
| | 1016 | 0.5 | 15 |
| | 1618 | 2.3 | 70 |
| | 2148 | 0.3 | 9 |
| **3** Su | 0457 | 2.9 | 88 |
| | 1105 | 0.3 | 9 |
| | 1713 | 2.5 | 76 |
| | 2241 | 0.2 | 6 |
| **4** M | 0543 | 3.2 | 98 |
| | 1149 | 0.1 | 3 |
| | 1759 | 2.8 | 85 |
| | 2330 | 0.0 | 0 |
| **5** Tu | 0624 | 3.4 | 104 |
| | 1231 | −0.1 | −3 |
| | 1840 | 3.1 | 94 |
| **6** W ● | 0016 | −0.2 | −6 |
| | 0703 | 3.6 | 110 |
| | 1308 | −0.3 | −9 |
| | 1920 | 3.3 | 101 |
| **7** Th | 0100 | −0.3 | −9 |
| | 0742 | 3.8 | 116 |
| | 1343 | −0.4 | −12 |
| | 2000 | 3.5 | 107 |
| **8** F | 0143 | −0.4 | −12 |
| | 0823 | 3.8 | 116 |
| | 1416 | −0.5 | −15 |
| | 2042 | 3.7 | 113 |
| **9** Sa | 0225 | −0.5 | −15 |
| | 0906 | 3.8 | 116 |
| | 1449 | −0.5 | −15 |
| | 2126 | 3.8 | 116 |
| **10** Su | 0308 | −0.5 | −15 |
| | 0952 | 3.6 | 110 |
| | 1523 | −0.5 | −15 |
| | 2213 | 3.8 | 116 |
| **11** M | 0351 | −0.4 | −12 |
| | 1041 | 3.5 | 107 |
| | 1602 | −0.5 | −15 |
| | 2304 | 3.8 | 116 |
| **12** Tu | 0440 | −0.2 | −6 |
| | 1133 | 3.2 | 98 |
| | 1645 | −0.4 | −12 |
| | 2358 | 3.7 | 113 |
| **13** W ◐ | 0538 | 0.1 | 3 |
| | 1228 | 3.0 | 91 |
| | 1737 | −0.2 | −6 |
| **14** Th | 0056 | 3.6 | 110 |
| | 0706 | 0.3 | 9 |
| | 1328 | 2.9 | 88 |
| | 1842 | −0.1 | −3 |
| **15** F | 0201 | 3.5 | 107 |
| | 0909 | 0.3 | 9 |
| | 1434 | 2.8 | 85 |
| | 2000 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0312 | 3.5 | 107 |
| | 1019 | 0.2 | 6 |
| | 1544 | 2.9 | 88 |
| | 2120 | −0.1 | −3 |
| **17** Su | 0423 | 3.6 | 110 |
| | 1113 | 0.0 | 0 |
| | 1649 | 3.2 | 98 |
| | 2228 | −0.2 | −6 |
| **18** M | 0524 | 3.8 | 116 |
| | 1200 | −0.2 | −6 |
| | 1746 | 3.5 | 107 |
| | 2326 | −0.3 | −9 |
| **19** Tu | 0617 | 3.9 | 119 |
| | 1240 | −0.3 | −9 |
| | 1836 | 3.8 | 116 |
| **20** W ○ | 0017 | −0.5 | −15 |
| | 0703 | 4.0 | 122 |
| | 1312 | −0.4 | −12 |
| | 1922 | 3.9 | 119 |
| **21** Th | 0104 | −0.5 | −15 |
| | 0747 | 3.9 | 119 |
| | 1340 | −0.4 | −12 |
| | 2006 | 4.0 | 122 |
| **22** F | 0146 | −0.5 | −15 |
| | 0829 | 3.8 | 116 |
| | 1407 | −0.4 | −12 |
| | 2048 | 4.0 | 122 |
| **23** Sa | 0224 | −0.5 | −15 |
| | 0909 | 3.5 | 107 |
| | 1436 | −0.3 | −9 |
| | 2129 | 3.9 | 119 |
| **24** Su | 0302 | −0.3 | −9 |
| | 0949 | 3.3 | 101 |
| | 1507 | −0.2 | −6 |
| | 2209 | 3.6 | 110 |
| **25** M | 0339 | −0.2 | −6 |
| | 1028 | 3.0 | 91 |
| | 1540 | −0.1 | −3 |
| | 2250 | 3.4 | 104 |
| **26** Tu | 0417 | 0.1 | 3 |
| | 1108 | 2.7 | 82 |
| | 1615 | 0.1 | 3 |
| | 2331 | 3.1 | 94 |
| **27** W | 0458 | 0.3 | 9 |
| | 1148 | 2.5 | 76 |
| | 1655 | 0.3 | 9 |
| **28** Th ◑ | 0014 | 2.9 | 88 |
| | 0549 | 0.6 | 18 |
| | 1232 | 2.4 | 73 |
| | 1744 | 0.5 | 15 |
| **29** F | 0102 | 2.7 | 82 |
| | 0700 | 0.8 | 24 |
| | 1324 | 2.3 | 70 |
| | 1847 | 0.6 | 18 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0200 | 2.6 | 79 |
| | 0836 | 0.8 | 24 |
| | 1426 | 2.2 | 67 |
| | 2008 | 0.7 | 21 |
| **2** Su | 0309 | 2.7 | 82 |
| | 0945 | 0.6 | 18 |
| | 1535 | 2.4 | 73 |
| | 2123 | 0.5 | 15 |
| **3** M | 0415 | 2.8 | 85 |
| | 1035 | 0.4 | 12 |
| | 1637 | 2.7 | 82 |
| | 2221 | 0.3 | 9 |
| **4** Tu | 0508 | 3.1 | 94 |
| | 1117 | 0.1 | 3 |
| | 1727 | 3.0 | 91 |
| | 2312 | 0.0 | 0 |
| **5** W | 0553 | 3.4 | 104 |
| | 1154 | −0.1 | −3 |
| | 1810 | 3.4 | 104 |
| | 2359 | −0.2 | −6 |
| **6** Th | 0635 | 3.7 | 113 |
| | 1231 | −0.3 | −9 |
| | 1852 | 3.8 | 116 |
| **7** F ● | 0044 | −0.4 | −12 |
| | 0717 | 3.9 | 119 |
| | 1306 | −0.5 | −15 |
| | 1934 | 4.1 | 125 |
| **8** Sa | 0129 | −0.6 | −18 |
| | 0800 | 4.0 | 122 |
| | 1342 | −0.6 | −18 |
| | 2017 | 4.3 | 131 |
| **9** Su | 0212 | −0.7 | −21 |
| | 0845 | 3.9 | 119 |
| | 1418 | −0.7 | −21 |
| | 2103 | 4.3 | 131 |
| **10** M | 0256 | −0.6 | −18 |
| | 0932 | 3.8 | 116 |
| | 1457 | −0.6 | −18 |
| | 2152 | 4.3 | 131 |
| **11** Tu | 0341 | −0.4 | −12 |
| | 1023 | 3.6 | 110 |
| | 1538 | −0.5 | −15 |
| | 2244 | 4.1 | 125 |
| **12** W | 0430 | −0.2 | −6 |
| | 1117 | 3.3 | 101 |
| | 1624 | −0.3 | −9 |
| | 2341 | 3.9 | 119 |
| **13** Th | 0530 | 0.2 | 6 |
| | 1214 | 3.1 | 94 |
| | 1717 | −0.1 | −3 |
| **14** F ◐ | 0042 | 3.7 | 113 |
| | 0729 | 0.4 | 12 |
| | 1316 | 3.0 | 91 |
| | 1825 | 0.2 | 6 |
| **15** Sa | 0148 | 3.5 | 107 |
| | 0910 | 0.4 | 12 |
| | 1422 | 3.0 | 91 |
| | 2000 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0259 | 3.4 | 104 |
| | 1011 | 0.2 | 6 |
| | 1531 | 3.1 | 94 |
| | 2137 | 0.2 | 6 |
| **17** M | 0409 | 3.4 | 104 |
| | 1058 | 0.1 | 3 |
| | 1634 | 3.4 | 104 |
| | 2241 | 0.1 | 3 |
| **18** Tu | 0509 | 3.6 | 110 |
| | 1137 | 0.0 | 0 |
| | 1729 | 3.7 | 113 |
| | 2331 | −0.1 | −3 |
| **19** W | 0559 | 3.7 | 113 |
| | 1207 | −0.1 | −3 |
| | 1817 | 3.9 | 119 |
| **20** Th | 0012 | −0.2 | −6 |
| | 0643 | 3.7 | 113 |
| | 1232 | −0.1 | −3 |
| | 1900 | 4.1 | 125 |
| **21** F ○ | 0049 | −0.3 | −9 |
| | 0724 | 3.7 | 113 |
| | 1256 | −0.2 | −6 |
| | 1940 | 4.2 | 128 |
| **22** Sa | 0125 | −0.3 | −9 |
| | 0802 | 3.6 | 110 |
| | 1325 | −0.2 | −6 |
| | 2018 | 4.1 | 125 |
| **23** Su | 0200 | −0.3 | −9 |
| | 0840 | 3.4 | 104 |
| | 1356 | −0.2 | −6 |
| | 2056 | 3.9 | 119 |
| **24** M | 0235 | −0.2 | −6 |
| | 0916 | 3.2 | 98 |
| | 1430 | −0.1 | −3 |
| | 2132 | 3.7 | 113 |
| **25** Tu | 0310 | −0.1 | −3 |
| | 0953 | 3.0 | 91 |
| | 1504 | 0.0 | 0 |
| | 2210 | 3.5 | 107 |
| **26** W | 0347 | 0.1 | 3 |
| | 1031 | 2.8 | 85 |
| | 1541 | 0.2 | 6 |
| | 2249 | 3.2 | 98 |
| **27** Th | 0426 | 0.4 | 12 |
| | 1112 | 2.6 | 79 |
| | 1620 | 0.4 | 12 |
| | 2331 | 3.0 | 91 |
| **28** F | 0511 | 0.6 | 18 |
| | 1158 | 2.5 | 76 |
| | 1705 | 0.6 | 18 |
| **29** Sa ◑ | 0019 | 2.8 | 85 |
| | 0612 | 0.8 | 24 |
| | 1250 | 2.4 | 73 |
| | 1803 | 0.8 | 24 |
| **30** Su | 0114 | 2.7 | 82 |
| | 0743 | 0.8 | 24 |
| | 1349 | 2.5 | 76 |
| | 1926 | 0.8 | 24 |
| **31** M | 0217 | 2.8 | 85 |
| | 0901 | 0.7 | 21 |
| | 1453 | 2.6 | 79 |
| | 2052 | 0.7 | 21 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Newport, Rhode Island, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0324 | 2.9 | 88 |
| | 0950 | 0.4 | 12 |
| | 1555 | 3.0 | 91 |
| | 2156 | 0.4 | 12 |
| **2** W | 0425 | 3.2 | 98 |
| | 1031 | 0.2 | 6 |
| | 1649 | 3.4 | 104 |
| | 2248 | 0.1 | 3 |
| **3** Th | 0517 | 3.5 | 107 |
| | 1109 | −0.1 | −3 |
| | 1737 | 3.8 | 116 |
| | 2336 | −0.2 | −6 |
| **4** F | 0605 | 3.7 | 113 |
| | 1147 | −0.3 | −9 |
| | 1822 | 4.2 | 128 |
| **5** Sa ● | 0024 | −0.5 | −15 |
| | 0650 | 3.9 | 119 |
| | 1226 | −0.5 | −15 |
| | 1908 | 4.5 | 137 |
| **6** Su | 0111 | −0.6 | −18 |
| | 0736 | 4.0 | 122 |
| | 1308 | −0.6 | −18 |
| | 1954 | 4.7 | 143 |
| **7** M | 0158 | −0.7 | −21 |
| | 0824 | 4.0 | 122 |
| | 1350 | −0.7 | −21 |
| | 2042 | 4.8 | 146 |
| **8** Tu | 0246 | −0.6 | −18 |
| | 0914 | 3.9 | 119 |
| | 1434 | −0.6 | −18 |
| | 2134 | 4.6 | 140 |
| **9** W | 0334 | −0.4 | −12 |
| | 1007 | 3.7 | 113 |
| | 1520 | −0.4 | −12 |
| | 2229 | 4.4 | 134 |
| **10** Th | 0427 | −0.1 | −3 |
| | 1103 | 3.5 | 107 |
| | 1609 | −0.2 | −6 |
| | 2327 | 4.1 | 125 |
| **11** F | 0535 | 0.2 | 6 |
| | 1202 | 3.4 | 104 |
| | 1706 | 0.1 | 3 |
| **12** Sa ◐ | 0029 | 3.8 | 116 |
| | 0732 | 0.4 | 12 |
| | 1304 | 3.3 | 101 |
| | 1821 | 0.4 | 12 |
| **13** Su | 0133 | 3.5 | 107 |
| | 0850 | 0.4 | 12 |
| | 1408 | 3.3 | 101 |
| | 2028 | 0.5 | 15 |
| **14** M | 0241 | 3.4 | 104 |
| | 0945 | 0.3 | 9 |
| | 1513 | 3.4 | 104 |
| | 2149 | 0.4 | 12 |
| **15** Tu | 0346 | 3.3 | 101 |
| | 1027 | 0.3 | 9 |
| | 1613 | 3.6 | 110 |
| | 2241 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0445 | 3.3 | 101 |
| | 1058 | 0.2 | 6 |
| | 1706 | 3.8 | 116 |
| | 2321 | 0.2 | 6 |
| **17** Th | 0535 | 3.4 | 104 |
| | 1121 | 0.2 | 6 |
| | 1753 | 4.0 | 122 |
| | 2355 | 0.1 | 3 |
| **18** F | 0618 | 3.4 | 104 |
| | 1144 | 0.1 | 3 |
| | 1834 | 4.1 | 125 |
| **19** Sa | 0027 | 0.0 | 0 |
| | 0658 | 3.4 | 104 |
| | 1212 | 0.1 | 3 |
| | 1913 | 4.2 | 128 |
| **20** Su ○ | 0100 | −0.1 | −3 |
| | 0735 | 3.4 | 104 |
| | 1245 | 0.0 | 0 |
| | 1949 | 4.1 | 125 |
| **21** M | 0135 | −0.1 | −3 |
| | 0811 | 3.3 | 101 |
| | 1321 | 0.0 | 0 |
| | 2025 | 4.0 | 122 |
| **22** Tu | 0211 | 0.0 | 0 |
| | 0846 | 3.2 | 98 |
| | 1358 | 0.1 | 3 |
| | 2101 | 3.8 | 116 |
| **23** W | 0247 | 0.1 | 3 |
| | 0923 | 3.0 | 91 |
| | 1435 | 0.2 | 6 |
| | 2137 | 3.5 | 107 |
| **24** Th | 0325 | 0.3 | 9 |
| | 1003 | 2.9 | 88 |
| | 1513 | 0.4 | 12 |
| | 2216 | 3.3 | 101 |
| **25** F | 0404 | 0.4 | 12 |
| | 1046 | 2.8 | 85 |
| | 1553 | 0.5 | 15 |
| | 2259 | 3.2 | 98 |
| **26** Sa | 0447 | 0.6 | 18 |
| | 1133 | 2.7 | 82 |
| | 1637 | 0.7 | 21 |
| | 2347 | 3.0 | 91 |
| **27** Su | 0539 | 0.7 | 21 |
| | 1224 | 2.7 | 82 |
| | 1731 | 0.9 | 27 |
| **28** M ◑ | 0040 | 3.0 | 91 |
| | 0647 | 0.7 | 21 |
| | 1317 | 2.8 | 85 |
| | 1847 | 0.9 | 27 |
| **29** Tu | 0137 | 3.0 | 91 |
| | 0759 | 0.6 | 18 |
| | 1414 | 3.0 | 91 |
| | 2015 | 0.8 | 24 |
| **30** W | 0239 | 3.1 | 94 |
| | 0853 | 0.4 | 12 |
| | 1512 | 3.3 | 101 |
| | 2125 | 0.5 | 15 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0341 | 3.2 | 98 |
| | 0939 | 0.2 | 6 |
| | 1609 | 3.7 | 113 |
| | 2220 | 0.2 | 6 |
| **2** F | 0440 | 3.4 | 104 |
| | 1022 | −0.1 | −3 |
| | 1703 | 4.2 | 128 |
| | 2311 | −0.1 | −3 |
| **3** Sa | 0533 | 3.7 | 113 |
| | 1105 | −0.3 | −9 |
| | 1754 | 4.6 | 140 |
| **4** Su | 0002 | −0.4 | −12 |
| | 0624 | 3.9 | 119 |
| | 1150 | −0.5 | −15 |
| | 1844 | 4.9 | 149 |
| **5** M ● | 0054 | −0.5 | −15 |
| | 0714 | 4.0 | 122 |
| | 1237 | −0.6 | −18 |
| | 1934 | 5.0 | 152 |
| **6** Tu | 0146 | −0.5 | −15 |
| | 0804 | 4.0 | 122 |
| | 1326 | −0.6 | −18 |
| | 2025 | 5.0 | 152 |
| **7** W | 0238 | −0.4 | −12 |
| | 0857 | 3.9 | 119 |
| | 1415 | −0.5 | −15 |
| | 2119 | 4.8 | 146 |
| **8** Th | 0331 | −0.3 | −9 |
| | 0952 | 3.8 | 116 |
| | 1506 | −0.3 | −9 |
| | 2215 | 4.5 | 137 |
| **9** F | 0427 | −0.1 | −3 |
| | 1049 | 3.7 | 113 |
| | 1600 | 0.0 | 0 |
| | 2314 | 4.2 | 128 |
| **10** Sa | 0535 | 0.2 | 6 |
| | 1148 | 3.6 | 110 |
| | 1701 | 0.3 | 9 |
| **11** Su ◐ | 0013 | 3.8 | 116 |
| | 0701 | 0.3 | 9 |
| | 1247 | 3.6 | 110 |
| | 1823 | 0.6 | 18 |
| **12** M | 0113 | 3.5 | 107 |
| | 0811 | 0.4 | 12 |
| | 1347 | 3.6 | 110 |
| | 2025 | 0.6 | 18 |
| **13** Tu | 0214 | 3.3 | 101 |
| | 0902 | 0.4 | 12 |
| | 1447 | 3.6 | 110 |
| | 2133 | 0.6 | 18 |
| **14** W | 0315 | 3.1 | 94 |
| | 0939 | 0.4 | 12 |
| | 1545 | 3.7 | 113 |
| | 2220 | 0.5 | 15 |
| **15** Th | 0413 | 3.1 | 94 |
| | 1005 | 0.4 | 12 |
| | 1637 | 3.9 | 119 |
| | 2257 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0504 | 3.1 | 94 |
| | 1029 | 0.4 | 12 |
| | 1725 | 4.0 | 122 |
| | 2328 | 0.3 | 9 |
| **17** Sa | 0549 | 3.1 | 94 |
| | 1058 | 0.3 | 9 |
| | 1807 | 4.0 | 122 |
| **18** Su | 0000 | 0.3 | 9 |
| | 0629 | 3.1 | 94 |
| | 1133 | 0.2 | 6 |
| | 1846 | 4.0 | 122 |
| **19** M ○ | 0035 | 0.2 | 6 |
| | 0707 | 3.2 | 98 |
| | 1211 | 0.2 | 6 |
| | 1923 | 4.0 | 122 |
| **20** Tu | 0113 | 0.2 | 6 |
| | 0744 | 3.2 | 98 |
| | 1252 | 0.2 | 6 |
| | 1959 | 3.9 | 119 |
| **21** W | 0152 | 0.2 | 6 |
| | 0821 | 3.1 | 94 |
| | 1332 | 0.3 | 9 |
| | 2035 | 3.8 | 116 |
| **22** Th | 0231 | 0.2 | 6 |
| | 0859 | 3.1 | 94 |
| | 1413 | 0.4 | 12 |
| | 2113 | 3.6 | 110 |
| **23** F | 0310 | 0.3 | 9 |
| | 0941 | 3.0 | 91 |
| | 1452 | 0.5 | 15 |
| | 2152 | 3.5 | 107 |
| **24** Sa | 0348 | 0.4 | 12 |
| | 1025 | 3.0 | 91 |
| | 1533 | 0.6 | 18 |
| | 2235 | 3.4 | 104 |
| **25** Su | 0427 | 0.5 | 15 |
| | 1110 | 3.0 | 91 |
| | 1616 | 0.7 | 21 |
| | 2322 | 3.3 | 101 |
| **26** M | 0510 | 0.5 | 15 |
| | 1158 | 3.0 | 91 |
| | 1708 | 0.8 | 24 |
| **27** Tu ◑ | 0012 | 3.2 | 98 |
| | 0559 | 0.5 | 15 |
| | 1247 | 3.2 | 98 |
| | 1814 | 0.8 | 24 |
| **28** W | 0105 | 3.2 | 98 |
| | 0657 | 0.5 | 15 |
| | 1339 | 3.4 | 104 |
| | 1936 | 0.7 | 21 |
| **29** Th | 0202 | 3.2 | 98 |
| | 0755 | 0.3 | 9 |
| | 1435 | 3.7 | 113 |
| | 2052 | 0.5 | 15 |
| **30** F | 0303 | 3.2 | 98 |
| | 0849 | 0.1 | 3 |
| | 1534 | 4.0 | 122 |
| | 2153 | 0.2 | 6 |
| **31** Sa | 0405 | 3.4 | 104 |
| | 0940 | −0.1 | −3 |
| | 1633 | 4.4 | 134 |
| | 2249 | 0.0 | 0 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0505 | 3.5 | 107 |
| | 1030 | −0.3 | −9 |
| | 1730 | 4.7 | 143 |
| | 2344 | −0.2 | −6 |
| **2** M | 0601 | 3.7 | 113 |
| | 1120 | −0.5 | −15 |
| | 1824 | 4.9 | 149 |
| **3** Tu ● | 0040 | −0.3 | −9 |
| | 0654 | 3.9 | 119 |
| | 1213 | −0.6 | −18 |
| | 1918 | 5.0 | 152 |
| **4** W | 0137 | −0.4 | −12 |
| | 0747 | 4.0 | 122 |
| | 1307 | −0.5 | −15 |
| | 2011 | 5.0 | 152 |
| **5** Th | 0232 | −0.3 | −9 |
| | 0841 | 4.0 | 122 |
| | 1402 | −0.4 | −12 |
| | 2105 | 4.8 | 146 |
| **6** F | 0325 | −0.3 | −9 |
| | 0936 | 4.0 | 122 |
| | 1457 | −0.2 | −6 |
| | 2200 | 4.5 | 137 |
| **7** Sa | 0416 | −0.1 | −3 |
| | 1032 | 4.0 | 122 |
| | 1552 | 0.0 | 0 |
| | 2255 | 4.2 | 128 |
| **8** Su | 0508 | 0.1 | 3 |
| | 1129 | 3.9 | 119 |
| | 1652 | 0.3 | 9 |
| | 2350 | 3.8 | 116 |
| **9** M | 0602 | 0.2 | 6 |
| | 1224 | 3.8 | 116 |
| | 1805 | 0.6 | 18 |
| **10** Tu ◐ | 0045 | 3.5 | 107 |
| | 0659 | 0.4 | 12 |
| | 1319 | 3.8 | 116 |
| | 1944 | 0.7 | 21 |
| **11** W | 0140 | 3.2 | 98 |
| | 0749 | 0.5 | 15 |
| | 1414 | 3.7 | 113 |
| | 2056 | 0.7 | 21 |
| **12** Th | 0236 | 3.0 | 91 |
| | 0828 | 0.6 | 18 |
| | 1509 | 3.7 | 113 |
| | 2145 | 0.7 | 21 |
| **13** F | 0332 | 2.8 | 85 |
| | 0904 | 0.6 | 18 |
| | 1603 | 3.7 | 113 |
| | 2223 | 0.6 | 18 |
| **14** Sa | 0427 | 2.8 | 85 |
| | 0941 | 0.5 | 15 |
| | 1654 | 3.7 | 113 |
| | 2258 | 0.6 | 18 |
| **15** Su | 0516 | 2.8 | 85 |
| | 1020 | 0.5 | 15 |
| | 1740 | 3.8 | 116 |
| | 2335 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0600 | 2.9 | 88 |
| | 1102 | 0.4 | 12 |
| | 1822 | 3.8 | 116 |
| **17** Tu | 0014 | 0.4 | 12 |
| | 0640 | 3.0 | 91 |
| | 1145 | 0.3 | 9 |
| | 1901 | 3.8 | 116 |
| **18** W ○ | 0056 | 0.4 | 12 |
| | 0719 | 3.1 | 94 |
| | 1229 | 0.3 | 9 |
| | 1937 | 3.8 | 116 |
| **19** Th | 0138 | 0.3 | 9 |
| | 0758 | 3.2 | 98 |
| | 1313 | 0.4 | 12 |
| | 2014 | 3.8 | 116 |
| **20** F | 0218 | 0.3 | 9 |
| | 0838 | 3.2 | 98 |
| | 1356 | 0.4 | 12 |
| | 2051 | 3.7 | 113 |
| **21** Sa | 0255 | 0.2 | 6 |
| | 0918 | 3.2 | 98 |
| | 1437 | 0.5 | 15 |
| | 2131 | 3.7 | 113 |
| **22** Su | 0329 | 0.3 | 9 |
| | 1001 | 3.2 | 98 |
| | 1518 | 0.5 | 15 |
| | 2213 | 3.6 | 110 |
| **23** M | 0403 | 0.3 | 9 |
| | 1045 | 3.3 | 101 |
| | 1600 | 0.6 | 18 |
| | 2259 | 3.5 | 107 |
| **24** Tu | 0439 | 0.3 | 9 |
| | 1130 | 3.4 | 104 |
| | 1649 | 0.6 | 18 |
| | 2347 | 3.4 | 104 |
| **25** W | 0520 | 0.3 | 9 |
| | 1218 | 3.6 | 110 |
| | 1747 | 0.7 | 21 |
| **26** Th ◑ | 0038 | 3.3 | 101 |
| | 0609 | 0.3 | 9 |
| | 1309 | 3.7 | 113 |
| | 1900 | 0.7 | 21 |
| **27** F | 0133 | 3.2 | 98 |
| | 0706 | 0.2 | 6 |
| | 1404 | 3.9 | 119 |
| | 2022 | 0.6 | 18 |
| **28** Sa | 0233 | 3.2 | 98 |
| | 0807 | 0.1 | 3 |
| | 1506 | 4.1 | 125 |
| | 2134 | 0.4 | 12 |
| **29** Su | 0338 | 3.3 | 101 |
| | 0906 | −0.1 | −3 |
| | 1610 | 4.4 | 134 |
| | 2236 | 0.2 | 6 |
| **30** M | 0442 | 3.4 | 104 |
| | 1003 | −0.2 | −6 |
| | 1712 | 4.6 | 140 |
| | 2335 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Newport, Rhode Island, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0542 | 3.6 | 110 |
| | 1100 | −0.4 | −12 |
| | 1810 | 4.8 | 146 |
| **2** W ● | 0033 | −0.1 | −3 |
| | 0638 | 3.9 | 119 |
| | 1157 | −0.4 | −12 |
| | 1904 | 4.9 | 149 |
| **3** Th | 0129 | −0.2 | −6 |
| | 0732 | 4.1 | 125 |
| | 1255 | −0.4 | −12 |
| | 1957 | 4.9 | 149 |
| **4** F | 0220 | −0.3 | −9 |
| | 0825 | 4.2 | 128 |
| | 1352 | −0.3 | −9 |
| | 2049 | 4.7 | 143 |
| **5** Sa | 0305 | −0.3 | −9 |
| | 0917 | 4.2 | 128 |
| | 1446 | −0.2 | −6 |
| | 2140 | 4.4 | 134 |
| **6** Su | 0346 | −0.2 | −6 |
| | 1010 | 4.2 | 128 |
| | 1539 | 0.0 | 0 |
| | 2232 | 4.1 | 125 |
| **7** M | 0423 | 0.0 | 0 |
| | 1102 | 4.1 | 125 |
| | 1631 | 0.3 | 9 |
| | 2322 | 3.8 | 116 |
| **8** Tu | 0459 | 0.2 | 6 |
| | 1154 | 4.0 | 122 |
| | 1726 | 0.5 | 15 |
| **9** W ◐ | 0012 | 3.4 | 104 |
| | 0538 | 0.4 | 12 |
| | 1244 | 3.8 | 116 |
| | 1831 | 0.7 | 21 |
| **10** Th | 0101 | 3.1 | 94 |
| | 0621 | 0.5 | 15 |
| | 1335 | 3.7 | 113 |
| | 1950 | 0.9 | 27 |
| **11** F | 0152 | 2.8 | 85 |
| | 0712 | 0.7 | 21 |
| | 1428 | 3.5 | 107 |
| | 2056 | 0.9 | 27 |
| **12** Sa | 0246 | 2.7 | 82 |
| | 0807 | 0.7 | 21 |
| | 1525 | 3.5 | 107 |
| | 2146 | 0.9 | 27 |
| **13** Su | 0344 | 2.6 | 79 |
| | 0900 | 0.7 | 21 |
| | 1622 | 3.5 | 107 |
| | 2230 | 0.8 | 24 |
| **14** M | 0441 | 2.7 | 82 |
| | 0950 | 0.6 | 18 |
| | 1714 | 3.5 | 107 |
| | 2313 | 0.7 | 21 |
| **15** Tu | 0531 | 2.8 | 85 |
| | 1038 | 0.5 | 15 |
| | 1758 | 3.6 | 110 |
| | 2356 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0615 | 3.0 | 91 |
| | 1126 | 0.5 | 15 |
| | 1838 | 3.7 | 113 |
| **17** Th | 0039 | 0.4 | 12 |
| | 0655 | 3.2 | 98 |
| | 1213 | 0.4 | 12 |
| | 1914 | 3.8 | 116 |
| **18** F ○ | 0120 | 0.3 | 9 |
| | 0734 | 3.3 | 101 |
| | 1258 | 0.4 | 12 |
| | 1951 | 3.9 | 119 |
| **19** Sa | 0157 | 0.2 | 6 |
| | 0813 | 3.4 | 104 |
| | 1342 | 0.3 | 9 |
| | 2028 | 3.9 | 119 |
| **20** Su | 0231 | 0.1 | 3 |
| | 0852 | 3.5 | 107 |
| | 1423 | 0.3 | 9 |
| | 2108 | 3.9 | 119 |
| **21** M | 0302 | 0.1 | 3 |
| | 0933 | 3.6 | 110 |
| | 1503 | 0.3 | 9 |
| | 2150 | 3.8 | 116 |
| **22** Tu | 0333 | 0.1 | 3 |
| | 1016 | 3.7 | 113 |
| | 1544 | 0.4 | 12 |
| | 2236 | 3.7 | 113 |
| **23** W | 0407 | 0.1 | 3 |
| | 1102 | 3.8 | 116 |
| | 1630 | 0.4 | 12 |
| | 2324 | 3.5 | 107 |
| **24** Th | 0446 | 0.1 | 3 |
| | 1151 | 3.9 | 119 |
| | 1724 | 0.6 | 18 |
| **25** F ◑ | 0015 | 3.4 | 104 |
| | 0533 | 0.1 | 3 |
| | 1244 | 4.0 | 122 |
| | 1833 | 0.7 | 21 |
| **26** Sa | 0111 | 3.2 | 98 |
| | 0629 | 0.2 | 6 |
| | 1342 | 4.0 | 122 |
| | 2006 | 0.7 | 21 |
| **27** Su | 0212 | 3.2 | 98 |
| | 0735 | 0.2 | 6 |
| | 1446 | 4.1 | 125 |
| | 2132 | 0.5 | 15 |
| **28** M | 0318 | 3.2 | 98 |
| | 0844 | 0.1 | 3 |
| | 1554 | 4.2 | 128 |
| | 2237 | 0.4 | 12 |
| **29** Tu | 0426 | 3.4 | 104 |
| | 0949 | 0.0 | 0 |
| | 1700 | 4.4 | 134 |
| | 2334 | 0.2 | 6 |
| **30** W | 0528 | 3.7 | 113 |
| | 1050 | −0.2 | −6 |
| | 1758 | 4.6 | 140 |
| **31** Th | 0026 | 0.0 | 0 |
| | 0624 | 4.0 | 122 |
| | 1149 | −0.2 | −6 |
| | 1851 | 4.7 | 143 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0113 | −0.2 | −6 |
| | 0716 | 4.2 | 128 |
| | 1247 | −0.3 | −9 |
| | 1941 | 4.7 | 143 |
| **2** Sa | 0155 | −0.2 | −6 |
| | 0806 | 4.4 | 134 |
| | 1341 | −0.3 | −9 |
| | 2029 | 4.5 | 137 |
| **3** Su | 0231 | −0.2 | −6 |
| | 0854 | 4.4 | 134 |
| | 1430 | −0.2 | −6 |
| | 2116 | 4.3 | 131 |
| **4** M | 0304 | −0.1 | −3 |
| | 0942 | 4.4 | 134 |
| | 1516 | 0.0 | 0 |
| | 2203 | 4.0 | 122 |
| **5** Tu | 0335 | 0.0 | 0 |
| | 1030 | 4.2 | 128 |
| | 1600 | 0.2 | 6 |
| | 2249 | 3.6 | 110 |
| **6** W | 0408 | 0.2 | 6 |
| | 1118 | 4.0 | 122 |
| | 1644 | 0.5 | 15 |
| | 2335 | 3.3 | 101 |
| **7** Th | 0443 | 0.4 | 12 |
| | 1205 | 3.8 | 116 |
| | 1732 | 0.8 | 24 |
| **8** F ◐ | 0021 | 3.0 | 91 |
| | 0524 | 0.6 | 18 |
| | 1253 | 3.5 | 107 |
| | 1833 | 1.0 | 30 |
| **9** Sa | 0108 | 2.8 | 85 |
| | 0614 | 0.7 | 21 |
| | 1345 | 3.3 | 101 |
| | 1955 | 1.1 | 34 |
| **10** Su | 0200 | 2.6 | 79 |
| | 0716 | 0.8 | 24 |
| | 1443 | 3.2 | 98 |
| | 2110 | 1.1 | 34 |
| **11** M | 0300 | 2.6 | 79 |
| | 0824 | 0.9 | 27 |
| | 1546 | 3.2 | 98 |
| | 2204 | 0.9 | 27 |
| **12** Tu | 0403 | 2.7 | 82 |
| | 0927 | 0.8 | 24 |
| | 1643 | 3.3 | 101 |
| | 2250 | 0.8 | 24 |
| **13** W | 0500 | 2.9 | 88 |
| | 1022 | 0.7 | 21 |
| | 1730 | 3.5 | 107 |
| | 2332 | 0.6 | 18 |
| **14** Th | 0546 | 3.1 | 94 |
| | 1111 | 0.5 | 15 |
| | 1810 | 3.7 | 113 |
| **15** F | 0012 | 0.4 | 12 |
| | 0627 | 3.4 | 104 |
| | 1158 | 0.4 | 12 |
| | 1847 | 3.9 | 119 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0049 | 0.2 | 6 |
| | 0706 | 3.6 | 110 |
| | 1243 | 0.3 | 9 |
| | 1924 | 4.0 | 122 |
| **17** Su | 0124 | 0.1 | 3 |
| | 0744 | 3.8 | 116 |
| | 1325 | 0.2 | 6 |
| | 2002 | 4.1 | 125 |
| **18** M | 0156 | 0.0 | 0 |
| | 0823 | 4.0 | 122 |
| | 1406 | 0.1 | 3 |
| | 2043 | 4.0 | 122 |
| **19** Tu | 0228 | −0.1 | −3 |
| | 0904 | 4.1 | 125 |
| | 1447 | 0.1 | 3 |
| | 2126 | 3.9 | 119 |
| **20** W | 0301 | −0.1 | −3 |
| | 0949 | 4.2 | 128 |
| | 1528 | 0.2 | 6 |
| | 2213 | 3.8 | 116 |
| **21** Th | 0337 | −0.1 | −3 |
| | 1037 | 4.2 | 128 |
| | 1613 | 0.3 | 9 |
| | 2303 | 3.6 | 110 |
| **22** F | 0417 | 0.0 | 0 |
| | 1129 | 4.1 | 125 |
| | 1706 | 0.5 | 15 |
| | 2357 | 3.4 | 104 |
| **23** Sa ◑ | 0505 | 0.1 | 3 |
| | 1225 | 4.1 | 125 |
| | 1817 | 0.7 | 21 |
| **24** Su | 0055 | 3.2 | 98 |
| | 0603 | 0.3 | 9 |
| | 1326 | 4.0 | 122 |
| | 2024 | 0.8 | 24 |
| **25** M | 0158 | 3.2 | 98 |
| | 0716 | 0.3 | 9 |
| | 1434 | 4.0 | 122 |
| | 2144 | 0.6 | 18 |
| **26** Tu | 0306 | 3.3 | 101 |
| | 0837 | 0.3 | 9 |
| | 1544 | 4.1 | 125 |
| | 2240 | 0.4 | 12 |
| **27** W | 0414 | 3.5 | 107 |
| | 0950 | 0.2 | 6 |
| | 1649 | 4.2 | 128 |
| | 2327 | 0.2 | 6 |
| **28** Th | 0515 | 3.8 | 116 |
| | 1052 | 0.0 | 0 |
| | 1745 | 4.4 | 134 |
| **29** F | 0009 | 0.1 | 3 |
| | 0608 | 4.2 | 128 |
| | 1148 | −0.1 | −3 |
| | 1835 | 4.5 | 137 |
| **30** Sa ● | 0045 | −0.1 | −3 |
| | 0657 | 4.4 | 134 |
| | 1239 | −0.2 | −6 |
| | 1921 | 4.4 | 134 |
| **31** Su | 0117 | −0.1 | −3 |
| | 0743 | 4.5 | 137 |
| | 1325 | −0.2 | −6 |
| | 2005 | 4.3 | 131 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0148 | −0.1 | −3 |
| | 0827 | 4.5 | 137 |
| | 1407 | −0.1 | −3 |
| | 2048 | 4.1 | 125 |
| **2** Tu | 0218 | −0.1 | −3 |
| | 0911 | 4.4 | 134 |
| | 1447 | 0.0 | 0 |
| | 2131 | 3.8 | 116 |
| **3** W | 0250 | 0.1 | 3 |
| | 0955 | 4.2 | 128 |
| | 1526 | 0.2 | 6 |
| | 2213 | 3.5 | 107 |
| **4** Th | 0324 | 0.2 | 6 |
| | 1039 | 3.9 | 119 |
| | 1605 | 0.5 | 15 |
| | 2256 | 3.2 | 98 |
| **5** F | 0400 | 0.4 | 12 |
| | 1124 | 3.7 | 113 |
| | 1648 | 0.8 | 24 |
| | 2340 | 2.9 | 88 |
| **6** Sa | 0440 | 0.6 | 18 |
| | 1210 | 3.4 | 104 |
| | 1739 | 1.0 | 30 |
| **7** Su ◐ | 0027 | 2.7 | 82 |
| | 0528 | 0.8 | 24 |
| | 1300 | 3.2 | 98 |
| | 1854 | 1.2 | 37 |
| **8** M | 0118 | 2.6 | 79 |
| | 0630 | 1.0 | 30 |
| | 1357 | 3.1 | 94 |
| | 2033 | 1.2 | 37 |
| **9** Tu | 0218 | 2.6 | 79 |
| | 0751 | 1.0 | 30 |
| | 1500 | 3.1 | 94 |
| | 2136 | 1.0 | 30 |
| **10** W | 0324 | 2.7 | 82 |
| | 0907 | 0.9 | 27 |
| | 1601 | 3.2 | 98 |
| | 2220 | 0.8 | 24 |
| **11** Th | 0423 | 3.0 | 91 |
| | 1005 | 0.7 | 21 |
| | 1652 | 3.4 | 104 |
| | 2259 | 0.5 | 15 |
| **12** F | 0511 | 3.3 | 101 |
| | 1054 | 0.5 | 15 |
| | 1735 | 3.7 | 113 |
| | 2334 | 0.3 | 9 |
| **13** Sa | 0554 | 3.6 | 110 |
| | 1139 | 0.3 | 9 |
| | 1815 | 3.9 | 119 |
| **14** Su | 0009 | 0.1 | 3 |
| | 0633 | 4.0 | 122 |
| | 1222 | 0.1 | 3 |
| | 1854 | 4.1 | 125 |
| **15** M ○ | 0043 | −0.1 | −3 |
| | 0713 | 4.2 | 128 |
| | 1305 | 0.0 | 0 |
| | 1935 | 4.1 | 125 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0117 | −0.2 | −6 |
| | 0754 | 4.4 | 134 |
| | 1347 | −0.1 | −3 |
| | 2018 | 4.1 | 125 |
| **17** W | 0153 | −0.3 | −9 |
| | 0837 | 4.5 | 137 |
| | 1430 | −0.1 | −3 |
| | 2104 | 4.0 | 122 |
| **18** Th | 0230 | −0.3 | −9 |
| | 0924 | 4.5 | 137 |
| | 1514 | 0.0 | 0 |
| | 2153 | 3.8 | 116 |
| **19** F | 0311 | −0.2 | −6 |
| | 1016 | 4.4 | 134 |
| | 1601 | 0.3 | 9 |
| | 2246 | 3.6 | 110 |
| **20** Sa | 0355 | 0.0 | 0 |
| | 1111 | 4.3 | 131 |
| | 1657 | 0.5 | 15 |
| | 2343 | 3.4 | 104 |
| **21** Su | 0446 | 0.2 | 6 |
| | 1211 | 4.1 | 125 |
| | 1827 | 0.8 | 24 |
| **22** M ◑ | 0044 | 3.3 | 101 |
| | 0548 | 0.4 | 12 |
| | 1315 | 4.0 | 122 |
| | 2037 | 0.7 | 21 |
| **23** Tu | 0149 | 3.3 | 101 |
| | 0713 | 0.5 | 15 |
| | 1423 | 3.9 | 119 |
| | 2140 | 0.6 | 18 |
| **24** W | 0256 | 3.4 | 104 |
| | 0854 | 0.5 | 15 |
| | 1532 | 3.9 | 119 |
| | 2228 | 0.4 | 12 |
| **25** Th | 0401 | 3.7 | 113 |
| | 1006 | 0.3 | 9 |
| | 1634 | 4.0 | 122 |
| | 2308 | 0.2 | 6 |
| **26** F | 0459 | 4.0 | 122 |
| | 1059 | 0.2 | 6 |
| | 1728 | 4.1 | 125 |
| | 2340 | 0.1 | 3 |
| **27** Sa | 0550 | 4.3 | 131 |
| | 1145 | 0.0 | 0 |
| | 1815 | 4.1 | 125 |
| **28** Su | 0007 | 0.0 | 0 |
| | 0636 | 4.5 | 137 |
| | 1226 | 0.0 | 0 |
| | 1859 | 4.1 | 125 |
| **29** M ● | 0034 | 0.0 | 0 |
| | 0718 | 4.6 | 140 |
| | 1304 | 0.0 | 0 |
| | 1940 | 4.0 | 122 |
| **30** Tu | 0104 | 0.0 | 0 |
| | 0759 | 4.5 | 137 |
| | 1341 | 0.0 | 0 |
| | 2019 | 3.8 | 116 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Newport, Rhode Island, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0136 | 0.0 | 0 |
| | 0839 | 4.3 | 131 |
| | 1417 | 0.1 | 3 |
| | 2059 | 3.6 | 110 |
| **2** Th | 0211 | 0.1 | 3 |
| | 0920 | 4.1 | 125 |
| | 1454 | 0.3 | 9 |
| | 2138 | 3.3 | 101 |
| **3** F | 0247 | 0.2 | 6 |
| | 1001 | 3.8 | 116 |
| | 1533 | 0.5 | 15 |
| | 2219 | 3.1 | 94 |
| **4** Sa | 0325 | 0.4 | 12 |
| | 1043 | 3.5 | 107 |
| | 1614 | 0.7 | 21 |
| | 2303 | 2.9 | 88 |
| **5** Su | 0405 | 0.6 | 18 |
| | 1129 | 3.3 | 101 |
| | 1701 | 0.9 | 27 |
| | 2351 | 2.7 | 82 |
| **6** M | 0452 | 0.8 | 24 |
| | 1218 | 3.1 | 94 |
| | 1805 | 1.1 | 34 |
| **7** Tu ◐ | 0043 | 2.7 | 82 |
| | 0551 | 1.0 | 30 |
| | 1311 | 3.0 | 91 |
| | 1942 | 1.1 | 34 |
| **8** W | 0140 | 2.7 | 82 |
| | 0714 | 1.1 | 34 |
| | 1409 | 3.0 | 91 |
| | 2054 | 0.9 | 27 |
| **9** Th | 0241 | 2.8 | 85 |
| | 0842 | 1.0 | 30 |
| | 1509 | 3.1 | 94 |
| | 2138 | 0.7 | 21 |
| **10** F | 0339 | 3.1 | 94 |
| | 0942 | 0.7 | 21 |
| | 1605 | 3.3 | 101 |
| | 2215 | 0.4 | 12 |
| **11** Sa | 0430 | 3.5 | 107 |
| | 1030 | 0.5 | 15 |
| | 1654 | 3.6 | 110 |
| | 2250 | 0.2 | 6 |
| **12** Su | 0516 | 3.8 | 116 |
| | 1114 | 0.2 | 6 |
| | 1740 | 3.8 | 116 |
| | 2325 | 0.0 | 0 |
| **13** M | 0600 | 4.2 | 128 |
| | 1158 | −0.1 | −3 |
| | 1825 | 4.0 | 122 |
| **14** Tu ○ | 0002 | −0.2 | −6 |
| | 0643 | 4.5 | 137 |
| | 1243 | −0.2 | −6 |
| | 1909 | 4.1 | 125 |
| **15** W | 0041 | −0.4 | −12 |
| | 0728 | 4.7 | 143 |
| | 1329 | −0.3 | −9 |
| | 1955 | 4.1 | 125 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0122 | −0.5 | −15 |
| | 0815 | 4.8 | 146 |
| | 1416 | −0.2 | −6 |
| | 2043 | 4.0 | 122 |
| **17** F | 0205 | −0.4 | −12 |
| | 0905 | 4.7 | 143 |
| | 1504 | −0.1 | −3 |
| | 2135 | 3.8 | 116 |
| **18** Sa | 0251 | −0.3 | −9 |
| | 0959 | 4.6 | 140 |
| | 1556 | 0.2 | 6 |
| | 2231 | 3.6 | 110 |
| **19** Su | 0340 | −0.1 | −3 |
| | 1058 | 4.3 | 131 |
| | 1659 | 0.4 | 12 |
| | 2331 | 3.5 | 107 |
| **20** M | 0435 | 0.2 | 6 |
| | 1159 | 4.1 | 125 |
| | 1850 | 0.6 | 18 |
| **21** Tu ◑ | 0033 | 3.4 | 104 |
| | 0543 | 0.5 | 15 |
| | 1303 | 3.9 | 119 |
| | 2021 | 0.5 | 15 |
| **22** W | 0137 | 3.5 | 107 |
| | 0732 | 0.6 | 18 |
| | 1408 | 3.7 | 113 |
| | 2118 | 0.4 | 12 |
| **23** Th | 0241 | 3.6 | 110 |
| | 0914 | 0.5 | 15 |
| | 1512 | 3.6 | 110 |
| | 2203 | 0.3 | 9 |
| **24** F | 0343 | 3.8 | 116 |
| | 1012 | 0.4 | 12 |
| | 1613 | 3.6 | 110 |
| | 2237 | 0.2 | 6 |
| **25** Sa | 0439 | 4.0 | 122 |
| | 1057 | 0.2 | 6 |
| | 1706 | 3.6 | 110 |
| | 2303 | 0.2 | 6 |
| **26** Su | 0528 | 4.2 | 128 |
| | 1134 | 0.1 | 3 |
| | 1752 | 3.7 | 113 |
| | 2326 | 0.1 | 3 |
| **27** M | 0613 | 4.3 | 131 |
| | 1207 | 0.1 | 3 |
| | 1834 | 3.6 | 110 |
| | 2354 | 0.1 | 3 |
| **28** Tu ● | 0654 | 4.4 | 134 |
| | 1240 | 0.1 | 3 |
| | 1914 | 3.6 | 110 |
| **29** W | 0026 | 0.0 | 0 |
| | 0733 | 4.3 | 131 |
| | 1315 | 0.1 | 3 |
| | 1952 | 3.5 | 107 |
| **30** Th | 0101 | 0.0 | 0 |
| | 0811 | 4.1 | 125 |
| | 1352 | 0.2 | 6 |
| | 2029 | 3.3 | 101 |
| **31** F | 0139 | 0.1 | 3 |
| | 0849 | 3.9 | 119 |
| | 1429 | 0.3 | 9 |
| | 2108 | 3.2 | 98 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0218 | 0.2 | 6 |
| | 0928 | 3.7 | 113 |
| | 1508 | 0.4 | 12 |
| | 2148 | 3.0 | 91 |
| **2** Su | 0257 | 0.4 | 12 |
| | 1009 | 3.4 | 104 |
| | 1549 | 0.6 | 18 |
| | 2233 | 2.8 | 85 |
| **3** M | 0338 | 0.6 | 18 |
| | 1052 | 3.2 | 98 |
| | 1634 | 0.7 | 21 |
| | 2320 | 2.7 | 82 |
| **4** Tu | 0423 | 0.8 | 24 |
| | 1139 | 3.1 | 94 |
| | 1726 | 0.8 | 24 |
| **5** W ◐ | 0011 | 2.7 | 82 |
| | 0517 | 0.9 | 27 |
| | 1229 | 3.0 | 91 |
| | 1835 | 0.9 | 27 |
| **6** Th | 0103 | 2.8 | 85 |
| | 0630 | 1.0 | 30 |
| | 1322 | 3.0 | 91 |
| | 1947 | 0.8 | 24 |
| **7** F | 0157 | 2.9 | 88 |
| | 0759 | 0.9 | 27 |
| | 1419 | 3.0 | 91 |
| | 2040 | 0.6 | 18 |
| **8** Sa | 0251 | 3.2 | 98 |
| | 0908 | 0.7 | 21 |
| | 1517 | 3.2 | 98 |
| | 2123 | 0.3 | 9 |
| **9** Su | 0346 | 3.5 | 107 |
| | 1000 | 0.4 | 12 |
| | 1613 | 3.4 | 104 |
| | 2203 | 0.0 | 0 |
| **10** M | 0438 | 3.9 | 119 |
| | 1048 | 0.1 | 3 |
| | 1706 | 3.6 | 110 |
| | 2243 | −0.2 | −6 |
| **11** Tu | 0529 | 4.3 | 131 |
| | 1135 | −0.2 | −6 |
| | 1756 | 3.8 | 116 |
| | 2326 | −0.5 | −15 |
| **12** W | 0618 | 4.6 | 140 |
| | 1224 | −0.3 | −9 |
| | 1845 | 3.9 | 119 |
| **13** Th ○ | 0010 | −0.6 | −18 |
| | 0707 | 4.8 | 146 |
| | 1314 | −0.4 | −12 |
| | 1935 | 3.9 | 119 |
| **14** F | 0058 | −0.7 | −21 |
| | 0757 | 4.9 | 149 |
| | 1406 | −0.4 | −12 |
| | 2026 | 3.9 | 119 |
| **15** Sa | 0147 | −0.6 | −18 |
| | 0850 | 4.8 | 146 |
| | 1459 | −0.2 | −6 |
| | 2120 | 3.8 | 116 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0238 | −0.5 | −15 |
| | 0946 | 4.6 | 140 |
| | 1554 | −0.1 | −3 |
| | 2217 | 3.7 | 113 |
| **17** M | 0331 | −0.2 | −6 |
| | 1044 | 4.3 | 131 |
| | 1657 | 0.1 | 3 |
| | 2317 | 3.6 | 110 |
| **18** Tu | 0429 | 0.1 | 3 |
| | 1144 | 4.0 | 122 |
| | 1820 | 0.3 | 9 |
| **19** W ◑ | 0017 | 3.6 | 110 |
| | 0542 | 0.3 | 9 |
| | 1244 | 3.7 | 113 |
| | 1941 | 0.3 | 9 |
| **20** Th | 0117 | 3.6 | 110 |
| | 0740 | 0.5 | 15 |
| | 1344 | 3.4 | 104 |
| | 2040 | 0.3 | 9 |
| **21** F | 0218 | 3.6 | 110 |
| | 0905 | 0.4 | 12 |
| | 1445 | 3.3 | 101 |
| | 2124 | 0.3 | 9 |
| **22** Sa | 0317 | 3.7 | 113 |
| | 1000 | 0.3 | 9 |
| | 1544 | 3.2 | 98 |
| | 2156 | 0.3 | 9 |
| **23** Su | 0413 | 3.8 | 116 |
| | 1042 | 0.3 | 9 |
| | 1639 | 3.1 | 94 |
| | 2220 | 0.2 | 6 |
| **24** M | 0504 | 3.9 | 119 |
| | 1116 | 0.2 | 6 |
| | 1727 | 3.1 | 94 |
| | 2247 | 0.2 | 6 |
| **25** Tu | 0549 | 4.0 | 122 |
| | 1147 | 0.2 | 6 |
| | 1810 | 3.2 | 98 |
| | 2319 | 0.1 | 3 |
| **26** W | 0631 | 4.0 | 122 |
| | 1219 | 0.1 | 3 |
| | 1849 | 3.2 | 98 |
| | 2355 | 0.0 | 0 |
| **27** Th ● | 0710 | 3.9 | 119 |
| | 1255 | 0.1 | 3 |
| | 1927 | 3.1 | 94 |
| **28** F | 0035 | 0.0 | 0 |
| | 0748 | 3.8 | 116 |
| | 1333 | 0.1 | 3 |
| | 2005 | 3.1 | 94 |
| **29** Sa | 0116 | 0.0 | 0 |
| | 0825 | 3.7 | 113 |
| | 1412 | 0.2 | 6 |
| | 2043 | 3.0 | 91 |
| **30** Su | 0157 | 0.1 | 3 |
| | 0903 | 3.5 | 107 |
| | 1452 | 0.2 | 6 |
| | 2124 | 2.9 | 88 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0238 | 0.2 | 6 |
| | 0941 | 3.4 | 104 |
| | 1530 | 0.3 | 9 |
| | 2206 | 2.8 | 85 |
| **2** Tu | 0319 | 0.4 | 12 |
| | 1022 | 3.2 | 98 |
| | 1610 | 0.4 | 12 |
| | 2251 | 2.8 | 85 |
| **3** W | 0401 | 0.5 | 15 |
| | 1106 | 3.1 | 94 |
| | 1651 | 0.4 | 12 |
| | 2337 | 2.8 | 85 |
| **4** Th | 0449 | 0.6 | 18 |
| | 1153 | 3.0 | 91 |
| | 1738 | 0.5 | 15 |
| **5** F ◐ | 0025 | 2.9 | 88 |
| | 0548 | 0.7 | 21 |
| | 1243 | 2.9 | 88 |
| | 1832 | 0.4 | 12 |
| **6** Sa | 0115 | 3.1 | 94 |
| | 0704 | 0.7 | 21 |
| | 1337 | 2.9 | 88 |
| | 1931 | 0.3 | 9 |
| **7** Su | 0208 | 3.3 | 101 |
| | 0824 | 0.5 | 15 |
| | 1435 | 3.0 | 91 |
| | 2026 | 0.1 | 3 |
| **8** M | 0305 | 3.6 | 110 |
| | 0928 | 0.3 | 9 |
| | 1536 | 3.1 | 94 |
| | 2117 | −0.1 | −3 |
| **9** Tu | 0405 | 3.9 | 119 |
| | 1023 | 0.0 | 0 |
| | 1636 | 3.3 | 101 |
| | 2207 | −0.4 | −12 |
| **10** W | 0502 | 4.2 | 128 |
| | 1117 | −0.2 | −6 |
| | 1732 | 3.5 | 107 |
| | 2257 | −0.6 | −18 |
| **11** Th | 0558 | 4.5 | 137 |
| | 1211 | −0.4 | −12 |
| | 1826 | 3.6 | 110 |
| | 2348 | −0.8 | −24 |
| **12** F ○ | 0651 | 4.7 | 143 |
| | 1306 | −0.5 | −15 |
| | 1918 | 3.8 | 116 |
| **13** Sa | 0041 | −0.8 | −24 |
| | 0744 | 4.8 | 146 |
| | 1400 | −0.5 | −15 |
| | 2011 | 3.9 | 119 |
| **14** Su | 0135 | −0.8 | −24 |
| | 0837 | 4.7 | 143 |
| | 1453 | −0.5 | −15 |
| | 2105 | 3.9 | 119 |
| **15** M | 0230 | −0.7 | −21 |
| | 0931 | 4.5 | 137 |
| | 1543 | −0.4 | −12 |
| | 2201 | 3.9 | 119 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0325 | −0.5 | −15 |
| | 1027 | 4.2 | 128 |
| | 1633 | −0.2 | −6 |
| | 2257 | 3.8 | 116 |
| **17** W | 0422 | −0.2 | −6 |
| | 1122 | 3.8 | 116 |
| | 1726 | −0.1 | −3 |
| | 2354 | 3.7 | 113 |
| **18** Th | 0528 | 0.1 | 3 |
| | 1218 | 3.5 | 107 |
| | 1825 | 0.1 | 3 |
| **19** F ◑ | 0050 | 3.6 | 110 |
| | 0659 | 0.3 | 9 |
| | 1314 | 3.2 | 98 |
| | 1927 | 0.2 | 6 |
| **20** Sa | 0147 | 3.5 | 107 |
| | 0832 | 0.4 | 12 |
| | 1411 | 2.9 | 88 |
| | 2019 | 0.3 | 9 |
| **21** Su | 0244 | 3.5 | 107 |
| | 0932 | 0.4 | 12 |
| | 1509 | 2.7 | 82 |
| | 2059 | 0.3 | 9 |
| **22** M | 0342 | 3.4 | 104 |
| | 1017 | 0.4 | 12 |
| | 1607 | 2.7 | 82 |
| | 2135 | 0.3 | 9 |
| **23** Tu | 0438 | 3.5 | 107 |
| | 1053 | 0.3 | 9 |
| | 1659 | 2.7 | 82 |
| | 2212 | 0.2 | 6 |
| **24** W | 0527 | 3.5 | 107 |
| | 1127 | 0.3 | 9 |
| | 1745 | 2.8 | 85 |
| | 2252 | 0.1 | 3 |
| **25** Th | 0612 | 3.5 | 107 |
| | 1203 | 0.2 | 6 |
| | 1827 | 2.8 | 85 |
| | 2334 | 0.0 | 0 |
| **26** F | 0652 | 3.6 | 110 |
| | 1241 | 0.1 | 3 |
| | 1906 | 2.9 | 88 |
| **27** Sa ● | 0017 | 0.0 | 0 |
| | 0729 | 3.6 | 110 |
| | 1320 | 0.1 | 3 |
| | 1944 | 3.0 | 91 |
| **28** Su | 0101 | 0.0 | 0 |
| | 0805 | 3.5 | 107 |
| | 1359 | 0.0 | 0 |
| | 2022 | 3.0 | 91 |
| **29** M | 0143 | 0.0 | 0 |
| | 0840 | 3.4 | 104 |
| | 1436 | 0.0 | 0 |
| | 2100 | 3.0 | 91 |
| **30** Tu | 0224 | 0.0 | 0 |
| | 0917 | 3.4 | 104 |
| | 1510 | 0.0 | 0 |
| | 2140 | 3.0 | 91 |
| **31** W | 0303 | 0.1 | 3 |
| | 0956 | 3.2 | 98 |
| | 1543 | 0.0 | 0 |
| | 2221 | 3.0 | 91 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Montauk, Fort Pond Bay, New York, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0320 | 1.9 | 58 |
| | 1020 | 0.3 | 9 |
| | 1538 | 1.2 | 37 |
| | 2203 | 0.3 | 9 |
| **2** W | 0418 | 1.9 | 58 |
| | 1114 | 0.2 | 6 |
| | 1638 | 1.2 | 37 |
| | 2249 | 0.3 | 9 |
| **3** Th | 0511 | 2.0 | 61 |
| | 1202 | 0.2 | 6 |
| | 1730 | 1.2 | 37 |
| | 2335 | 0.3 | 9 |
| **4** F | 0559 | 2.0 | 61 |
| | 1246 | 0.1 | 3 |
| | 1816 | 1.3 | 40 |
| **5** Sa | 0021 | 0.2 | 6 |
| | 0644 | 2.1 | 64 |
| | 1326 | 0.0 | 0 |
| | 1900 | 1.3 | 40 |
| **6** Su | 0106 | 0.2 | 6 |
| | 0726 | 2.2 | 67 |
| | 1405 | −0.1 | −3 |
| | 1942 | 1.4 | 43 |
| **7** M | 0149 | 0.1 | 3 |
| | 0807 | 2.2 | 67 |
| | 1443 | −0.2 | −6 |
| | 2025 | 1.5 | 46 |
| **8** Tu ● | 0232 | 0.0 | 0 |
| | 0847 | 2.3 | 70 |
| | 1522 | −0.3 | −9 |
| | 2109 | 1.6 | 49 |
| **9** W | 0315 | 0.0 | 0 |
| | 0926 | 2.3 | 70 |
| | 1602 | −0.3 | −9 |
| | 2152 | 1.7 | 52 |
| **10** Th | 0359 | −0.1 | −3 |
| | 1005 | 2.2 | 67 |
| | 1643 | −0.4 | −12 |
| | 2235 | 1.7 | 52 |
| **11** F | 0447 | −0.1 | −3 |
| | 1045 | 2.2 | 67 |
| | 1726 | −0.3 | −9 |
| | 2317 | 1.8 | 55 |
| **12** Sa | 0540 | 0.0 | 0 |
| | 1125 | 2.1 | 64 |
| | 1810 | −0.3 | −9 |
| **13** Su | 0000 | 1.9 | 58 |
| | 0638 | 0.0 | 0 |
| | 1208 | 1.9 | 58 |
| | 1856 | −0.2 | −6 |
| **14** M | 0045 | 2.0 | 61 |
| | 0740 | 0.0 | 0 |
| | 1256 | 1.7 | 52 |
| | 1945 | −0.1 | −3 |
| **15** Tu ◐ | 0136 | 2.1 | 64 |
| | 0842 | −0.1 | −3 |
| | 1351 | 1.6 | 49 |
| | 2036 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0234 | 2.2 | 67 |
| | 0943 | −0.2 | −6 |
| | 1454 | 1.4 | 43 |
| | 2130 | −0.1 | −3 |
| **17** Th | 0338 | 2.3 | 70 |
| | 1043 | −0.3 | −9 |
| | 1600 | 1.4 | 43 |
| | 2228 | −0.1 | −3 |
| **18** F | 0442 | 2.4 | 73 |
| | 1142 | −0.4 | −12 |
| | 1702 | 1.5 | 46 |
| | 2327 | −0.2 | −6 |
| **19** Sa | 0542 | 2.5 | 76 |
| | 1239 | −0.5 | −15 |
| | 1800 | 1.6 | 49 |
| **20** Su | 0026 | −0.3 | −9 |
| | 0637 | 2.6 | 79 |
| | 1332 | −0.6 | −18 |
| | 1853 | 1.7 | 52 |
| **21** M | 0124 | −0.4 | −12 |
| | 0729 | 2.7 | 82 |
| | 1421 | −0.6 | −18 |
| | 1945 | 1.9 | 58 |
| **22** Tu ○ | 0218 | −0.5 | −15 |
| | 0819 | 2.6 | 79 |
| | 1508 | −0.6 | −18 |
| | 2037 | 2.0 | 61 |
| **23** W | 0310 | −0.5 | −15 |
| | 0908 | 2.5 | 76 |
| | 1553 | −0.6 | −18 |
| | 2128 | 2.1 | 64 |
| **24** Th | 0400 | −0.4 | −12 |
| | 0955 | 2.4 | 73 |
| | 1636 | −0.5 | −15 |
| | 2218 | 2.1 | 64 |
| **25** F | 0451 | −0.3 | −9 |
| | 1042 | 2.2 | 67 |
| | 1720 | −0.4 | −12 |
| | 2308 | 2.1 | 64 |
| **26** Sa | 0544 | −0.2 | −6 |
| | 1127 | 1.9 | 58 |
| | 1804 | −0.2 | −6 |
| | 2356 | 2.1 | 64 |
| **27** Su | 0640 | 0.0 | 0 |
| | 1213 | 1.7 | 52 |
| | 1849 | 0.0 | 0 |
| **28** M | 0045 | 2.0 | 61 |
| | 0739 | 0.1 | 3 |
| | 1301 | 1.4 | 43 |
| | 1936 | 0.2 | 6 |
| **29** Tu | 0136 | 1.9 | 58 |
| | 0837 | 0.2 | 6 |
| | 1354 | 1.2 | 37 |
| | 2026 | 0.3 | 9 |
| **30** W ◑ | 0233 | 1.8 | 55 |
| | 0935 | 0.3 | 9 |
| | 1453 | 1.1 | 34 |
| | 2117 | 0.4 | 12 |
| **31** Th | 0336 | 1.8 | 55 |
| | 1031 | 0.3 | 9 |
| | 1558 | 1.1 | 34 |
| | 2210 | 0.4 | 12 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0440 | 1.8 | 55 |
| | 1123 | 0.3 | 9 |
| | 1659 | 1.1 | 34 |
| | 2303 | 0.4 | 12 |
| **2** Sa | 0535 | 1.9 | 58 |
| | 1211 | 0.2 | 6 |
| | 1751 | 1.2 | 37 |
| | 2354 | 0.3 | 9 |
| **3** Su | 0623 | 2.0 | 61 |
| | 1255 | 0.1 | 3 |
| | 1837 | 1.4 | 43 |
| **4** M | 0043 | 0.1 | 3 |
| | 0704 | 2.1 | 64 |
| | 1335 | −0.1 | −3 |
| | 1920 | 1.5 | 46 |
| **5** Tu | 0129 | 0.0 | 0 |
| | 0743 | 2.2 | 67 |
| | 1414 | −0.2 | −6 |
| | 2001 | 1.7 | 52 |
| **6** W ● | 0213 | −0.1 | −3 |
| | 0821 | 2.3 | 70 |
| | 1452 | −0.4 | −12 |
| | 2041 | 1.8 | 55 |
| **7** Th | 0257 | −0.2 | −6 |
| | 0859 | 2.3 | 70 |
| | 1530 | −0.5 | −15 |
| | 2122 | 2.0 | 61 |
| **8** F | 0342 | −0.3 | −9 |
| | 0937 | 2.3 | 70 |
| | 1609 | −0.5 | −15 |
| | 2202 | 2.1 | 64 |
| **9** Sa | 0429 | −0.3 | −9 |
| | 1018 | 2.2 | 67 |
| | 1649 | −0.4 | −12 |
| | 2244 | 2.2 | 67 |
| **10** Su | 0521 | −0.3 | −9 |
| | 1100 | 2.1 | 64 |
| | 1732 | −0.3 | −9 |
| | 2327 | 2.3 | 70 |
| **11** M | 0617 | −0.3 | −9 |
| | 1145 | 1.9 | 58 |
| | 1818 | −0.2 | −6 |
| **12** Tu | 0014 | 2.3 | 70 |
| | 0718 | −0.2 | −6 |
| | 1234 | 1.7 | 52 |
| | 1911 | −0.1 | −3 |
| **13** W ◐ | 0107 | 2.3 | 70 |
| | 0821 | −0.2 | −6 |
| | 1329 | 1.5 | 46 |
| | 2009 | 0.0 | 0 |
| **14** Th | 0208 | 2.3 | 70 |
| | 0924 | −0.2 | −6 |
| | 1432 | 1.4 | 43 |
| | 2112 | 0.0 | 0 |
| **15** F | 0319 | 2.3 | 70 |
| | 1027 | −0.2 | −6 |
| | 1542 | 1.4 | 43 |
| | 2217 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0431 | 2.3 | 70 |
| | 1127 | −0.2 | −6 |
| | 1650 | 1.5 | 46 |
| | 2321 | −0.1 | −3 |
| **17** Su | 0535 | 2.4 | 73 |
| | 1223 | −0.3 | −9 |
| | 1750 | 1.7 | 52 |
| **18** M | 0022 | −0.2 | −6 |
| | 0629 | 2.4 | 73 |
| | 1315 | −0.4 | −12 |
| | 1843 | 1.9 | 58 |
| **19** Tu | 0119 | −0.3 | −9 |
| | 0718 | 2.4 | 73 |
| | 1402 | −0.4 | −12 |
| | 1932 | 2.0 | 61 |
| **20** W ○ | 0211 | −0.4 | −12 |
| | 0803 | 2.4 | 73 |
| | 1444 | −0.5 | −15 |
| | 2020 | 2.2 | 67 |
| **21** Th | 0259 | −0.4 | −12 |
| | 0847 | 2.3 | 70 |
| | 1525 | −0.4 | −12 |
| | 2106 | 2.3 | 70 |
| **22** F | 0345 | −0.4 | −12 |
| | 0931 | 2.2 | 67 |
| | 1603 | −0.3 | −9 |
| | 2151 | 2.4 | 73 |
| **23** Sa | 0430 | −0.3 | −9 |
| | 1014 | 2.0 | 61 |
| | 1641 | −0.2 | −6 |
| | 2236 | 2.4 | 73 |
| **24** Su | 0516 | −0.1 | −3 |
| | 1058 | 1.9 | 58 |
| | 1719 | 0.0 | 0 |
| | 2321 | 2.3 | 70 |
| **25** M | 0604 | 0.0 | 0 |
| | 1142 | 1.7 | 52 |
| | 1759 | 0.2 | 6 |
| **26** Tu | 0006 | 2.2 | 67 |
| | 0657 | 0.2 | 6 |
| | 1228 | 1.5 | 46 |
| | 1843 | 0.4 | 12 |
| **27** W | 0055 | 2.0 | 61 |
| | 0753 | 0.3 | 9 |
| | 1317 | 1.3 | 40 |
| | 1936 | 0.5 | 15 |
| **28** Th ◑ | 0150 | 1.9 | 58 |
| | 0850 | 0.4 | 12 |
| | 1414 | 1.2 | 37 |
| | 2035 | 0.6 | 18 |
| **29** F | 0255 | 1.8 | 55 |
| | 0947 | 0.4 | 12 |
| | 1520 | 1.2 | 37 |
| | 2135 | 0.6 | 18 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0404 | 1.8 | 55 |
| | 1041 | 0.4 | 12 |
| | 1628 | 1.3 | 40 |
| | 2233 | 0.5 | 15 |
| **2** Su | 0505 | 1.9 | 58 |
| | 1131 | 0.3 | 9 |
| | 1725 | 1.4 | 43 |
| | 2327 | 0.4 | 12 |
| **3** M | 0553 | 2.0 | 61 |
| | 1216 | 0.2 | 6 |
| | 1811 | 1.6 | 49 |
| **4** Tu | 0018 | 0.2 | 6 |
| | 0634 | 2.1 | 64 |
| | 1258 | 0.0 | 0 |
| | 1852 | 1.8 | 55 |
| **5** W | 0106 | 0.1 | 3 |
| | 0712 | 2.2 | 67 |
| | 1338 | −0.1 | −3 |
| | 1930 | 2.0 | 61 |
| **6** Th | 0151 | −0.1 | −3 |
| | 0749 | 2.3 | 70 |
| | 1416 | −0.3 | −9 |
| | 2008 | 2.2 | 67 |
| **7** F ● | 0237 | −0.3 | −9 |
| | 0828 | 2.4 | 73 |
| | 1455 | −0.4 | −12 |
| | 2048 | 2.5 | 76 |
| **8** Sa | 0323 | −0.4 | −12 |
| | 0909 | 2.3 | 70 |
| | 1534 | −0.4 | −12 |
| | 2129 | 2.6 | 79 |
| **9** Su | 0411 | −0.5 | −15 |
| | 0952 | 2.3 | 70 |
| | 1615 | −0.3 | −9 |
| | 2213 | 2.7 | 82 |
| **10** M | 0503 | −0.5 | −15 |
| | 1038 | 2.1 | 64 |
| | 1659 | −0.2 | −6 |
| | 2300 | 2.8 | 85 |
| **11** Tu | 0558 | −0.4 | −12 |
| | 1125 | 2.0 | 61 |
| | 1748 | −0.1 | −3 |
| | 2351 | 2.7 | 82 |
| **12** W | 0659 | −0.2 | −6 |
| | 1217 | 1.8 | 55 |
| | 1847 | 0.1 | 3 |
| **13** Th | 0047 | 2.6 | 79 |
| | 0802 | −0.1 | −3 |
| | 1313 | 1.7 | 52 |
| | 1953 | 0.2 | 6 |
| **14** F ◐ | 0151 | 2.4 | 73 |
| | 0906 | 0.0 | 0 |
| | 1418 | 1.6 | 49 |
| | 2102 | 0.2 | 6 |
| **15** Sa | 0305 | 2.3 | 70 |
| | 1008 | 0.0 | 0 |
| | 1530 | 1.6 | 49 |
| | 2211 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0419 | 2.2 | 67 |
| | 1108 | 0.0 | 0 |
| | 1641 | 1.7 | 52 |
| | 2316 | 0.1 | 3 |
| **17** M | 0524 | 2.2 | 67 |
| | 1203 | 0.0 | 0 |
| | 1741 | 1.9 | 58 |
| **18** Tu | 0018 | 0.0 | 0 |
| | 0616 | 2.2 | 67 |
| | 1252 | −0.1 | −3 |
| | 1831 | 2.2 | 67 |
| **19** W | 0112 | −0.1 | −3 |
| | 0701 | 2.2 | 67 |
| | 1336 | −0.1 | −3 |
| | 1916 | 2.3 | 70 |
| **20** Th | 0201 | −0.1 | −3 |
| | 0743 | 2.2 | 67 |
| | 1416 | −0.1 | −3 |
| | 1959 | 2.5 | 76 |
| **21** F ○ | 0245 | −0.2 | −6 |
| | 0824 | 2.2 | 67 |
| | 1453 | −0.1 | −3 |
| | 2040 | 2.6 | 79 |
| **22** Sa | 0326 | −0.2 | −6 |
| | 0905 | 2.1 | 64 |
| | 1528 | 0.0 | 0 |
| | 2122 | 2.6 | 79 |
| **23** Su | 0407 | −0.1 | −3 |
| | 0948 | 2.0 | 61 |
| | 1603 | 0.2 | 6 |
| | 2204 | 2.6 | 79 |
| **24** M | 0448 | 0.0 | 0 |
| | 1031 | 1.9 | 58 |
| | 1637 | 0.3 | 9 |
| | 2248 | 2.5 | 76 |
| **25** Tu | 0532 | 0.1 | 3 |
| | 1115 | 1.8 | 55 |
| | 1714 | 0.5 | 15 |
| | 2332 | 2.3 | 70 |
| **26** W | 0620 | 0.3 | 9 |
| | 1200 | 1.6 | 49 |
| | 1757 | 0.6 | 18 |
| **27** Th | 0020 | 2.2 | 67 |
| | 0714 | 0.4 | 12 |
| | 1248 | 1.5 | 46 |
| | 1854 | 0.7 | 21 |
| **28** F | 0113 | 2.0 | 61 |
| | 0811 | 0.5 | 15 |
| | 1343 | 1.5 | 46 |
| | 2000 | 0.8 | 24 |
| **29** Sa ◑ | 0214 | 1.9 | 58 |
| | 0907 | 0.5 | 15 |
| | 1448 | 1.4 | 43 |
| | 2104 | 0.8 | 24 |
| **30** Su | 0321 | 1.9 | 58 |
| | 0959 | 0.5 | 15 |
| | 1555 | 1.5 | 46 |
| | 2203 | 0.7 | 21 |
| **31** M | 0422 | 1.9 | 58 |
| | 1048 | 0.4 | 12 |
| | 1652 | 1.7 | 52 |
| | 2258 | 0.5 | 15 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Montauk, Fort Pond Bay, New York, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Tu | 0512 | 2.0 | 61 |
| | 1133 | 0.3 | 9 |
| | 1737 | 1.9 | 58 |
| | 2350 | 0.4 | 12 |
| 2 W | 0555 | 2.1 | 64 |
| | 1215 | 0.1 | 3 |
| | 1817 | 2.2 | 67 |
| 3 Th | 0040 | 0.1 | 3 |
| | 0635 | 2.2 | 67 |
| | 1257 | 0.0 | 0 |
| | 1855 | 2.5 | 76 |
| 4 F | 0129 | −0.1 | −3 |
| | 0715 | 2.3 | 70 |
| | 1337 | −0.1 | −3 |
| | 1934 | 2.7 | 82 |
| 5 Sa ● | 0216 | −0.3 | −9 |
| | 0757 | 2.4 | 73 |
| | 1418 | −0.2 | −6 |
| | 2015 | 3.0 | 91 |
| 6 Su | 0304 | −0.5 | −15 |
| | 0841 | 2.4 | 73 |
| | 1501 | −0.2 | −6 |
| | 2100 | 3.1 | 94 |
| 7 M | 0354 | −0.5 | −15 |
| | 0928 | 2.3 | 70 |
| | 1545 | −0.2 | −6 |
| | 2148 | 3.2 | 98 |
| 8 Tu | 0445 | −0.5 | −15 |
| | 1017 | 2.2 | 67 |
| | 1633 | −0.1 | −3 |
| | 2239 | 3.1 | 94 |
| 9 W | 0541 | −0.4 | −12 |
| | 1108 | 2.1 | 64 |
| | 1728 | 0.0 | 0 |
| | 2334 | 3.0 | 91 |
| 10 Th | 0641 | −0.2 | −6 |
| | 1203 | 2.0 | 61 |
| | 1832 | 0.2 | 6 |
| 11 F | 0033 | 2.7 | 82 |
| | 0743 | 0.0 | 0 |
| | 1302 | 1.9 | 58 |
| | 1942 | 0.3 | 9 |
| 12 Sa ◐ | 0137 | 2.5 | 76 |
| | 0846 | 0.1 | 3 |
| | 1408 | 1.9 | 58 |
| | 2054 | 0.4 | 12 |
| 13 Su | 0247 | 2.3 | 70 |
| | 0946 | 0.1 | 3 |
| | 1519 | 1.9 | 58 |
| | 2203 | 0.4 | 12 |
| 14 M | 0359 | 2.2 | 67 |
| | 1042 | 0.1 | 3 |
| | 1628 | 2.1 | 64 |
| | 2309 | 0.3 | 9 |
| 15 Tu | 0503 | 2.1 | 64 |
| | 1134 | 0.2 | 6 |
| | 1726 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 W | 0009 | 0.3 | 9 |
| | 0554 | 2.1 | 64 |
| | 1221 | 0.2 | 6 |
| | 1813 | 2.4 | 73 |
| 17 Th | 0101 | 0.2 | 6 |
| | 0638 | 2.0 | 61 |
| | 1304 | 0.2 | 6 |
| | 1854 | 2.6 | 79 |
| 18 F | 0147 | 0.1 | 3 |
| | 0718 | 2.0 | 61 |
| | 1343 | 0.2 | 6 |
| | 1934 | 2.7 | 82 |
| 19 Sa | 0228 | 0.1 | 3 |
| | 0758 | 2.0 | 61 |
| | 1419 | 0.3 | 9 |
| | 2013 | 2.7 | 82 |
| 20 Su ○ | 0306 | 0.0 | 0 |
| | 0839 | 2.0 | 61 |
| | 1454 | 0.4 | 12 |
| | 2054 | 2.7 | 82 |
| 21 M | 0344 | 0.0 | 0 |
| | 0922 | 1.9 | 58 |
| | 1528 | 0.4 | 12 |
| | 2136 | 2.7 | 82 |
| 22 Tu | 0423 | 0.1 | 3 |
| | 1006 | 1.9 | 58 |
| | 1604 | 0.5 | 15 |
| | 2220 | 2.6 | 79 |
| 23 W | 0505 | 0.2 | 6 |
| | 1051 | 1.8 | 55 |
| | 1642 | 0.6 | 18 |
| | 2306 | 2.5 | 76 |
| 24 Th | 0551 | 0.3 | 9 |
| | 1138 | 1.8 | 55 |
| | 1729 | 0.7 | 21 |
| | 2353 | 2.3 | 70 |
| 25 F | 0643 | 0.4 | 12 |
| | 1227 | 1.7 | 52 |
| | 1827 | 0.8 | 24 |
| 26 Sa | 0042 | 2.2 | 67 |
| | 0736 | 0.5 | 15 |
| | 1320 | 1.7 | 52 |
| | 1932 | 0.9 | 27 |
| 27 Su | 0134 | 2.1 | 64 |
| | 0829 | 0.5 | 15 |
| | 1418 | 1.7 | 52 |
| | 2035 | 0.9 | 27 |
| 28 M ◑ | 0230 | 2.0 | 61 |
| | 0918 | 0.5 | 15 |
| | 1517 | 1.8 | 55 |
| | 2133 | 0.8 | 24 |
| 29 Tu | 0328 | 2.0 | 61 |
| | 1003 | 0.4 | 12 |
| | 1611 | 2.0 | 61 |
| | 2229 | 0.6 | 18 |
| 30 W | 0422 | 2.0 | 61 |
| | 1047 | 0.3 | 9 |
| | 1656 | 2.2 | 67 |
| | 2322 | 0.4 | 12 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Th | 0510 | 2.1 | 64 |
| | 1130 | 0.2 | 6 |
| | 1738 | 2.5 | 76 |
| 2 F | 0015 | 0.1 | 3 |
| | 0556 | 2.2 | 67 |
| | 1214 | 0.1 | 3 |
| | 1819 | 2.8 | 85 |
| 3 Sa | 0106 | −0.1 | −3 |
| | 0641 | 2.2 | 67 |
| | 1259 | 0.0 | 0 |
| | 1901 | 3.1 | 94 |
| 4 Su | 0156 | −0.3 | −9 |
| | 0727 | 2.3 | 70 |
| | 1345 | −0.1 | −3 |
| | 1947 | 3.3 | 101 |
| 5 M ● | 0246 | −0.5 | −15 |
| | 0815 | 2.3 | 70 |
| | 1432 | −0.1 | −3 |
| | 2036 | 3.4 | 104 |
| 6 Tu | 0337 | −0.5 | −15 |
| | 0905 | 2.3 | 70 |
| | 1522 | −0.1 | −3 |
| | 2128 | 3.4 | 104 |
| 7 W | 0429 | −0.5 | −15 |
| | 0958 | 2.3 | 70 |
| | 1615 | 0.0 | 0 |
| | 2223 | 3.3 | 101 |
| 8 Th | 0524 | −0.3 | −9 |
| | 1053 | 2.2 | 67 |
| | 1714 | 0.1 | 3 |
| | 2320 | 3.1 | 94 |
| 9 F | 0621 | −0.2 | −6 |
| | 1150 | 2.2 | 67 |
| | 1820 | 0.2 | 6 |
| 10 Sa | 0018 | 2.8 | 85 |
| | 0721 | 0.0 | 0 |
| | 1250 | 2.2 | 67 |
| | 1931 | 0.4 | 12 |
| 11 Su ◐ | 0118 | 2.5 | 76 |
| | 0820 | 0.1 | 3 |
| | 1354 | 2.2 | 67 |
| | 2041 | 0.4 | 12 |
| 12 M | 0222 | 2.3 | 70 |
| | 0917 | 0.2 | 6 |
| | 1501 | 2.2 | 67 |
| | 2149 | 0.5 | 15 |
| 13 Tu | 0327 | 2.0 | 61 |
| | 1009 | 0.2 | 6 |
| | 1605 | 2.3 | 70 |
| | 2254 | 0.5 | 15 |
| 14 W | 0430 | 1.9 | 58 |
| | 1059 | 0.3 | 9 |
| | 1701 | 2.4 | 73 |
| | 2353 | 0.4 | 12 |
| 15 Th | 0523 | 1.8 | 55 |
| | 1145 | 0.4 | 12 |
| | 1747 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 F | 0044 | 0.3 | 9 |
| | 0609 | 1.8 | 55 |
| | 1228 | 0.4 | 12 |
| | 1829 | 2.6 | 79 |
| 17 Sa | 0128 | 0.3 | 9 |
| | 0651 | 1.8 | 55 |
| | 1308 | 0.5 | 15 |
| | 1908 | 2.7 | 82 |
| 18 Su | 0207 | 0.2 | 6 |
| | 0732 | 1.8 | 55 |
| | 1346 | 0.5 | 15 |
| | 1948 | 2.7 | 82 |
| 19 M ○ | 0244 | 0.2 | 6 |
| | 0814 | 1.8 | 55 |
| | 1423 | 0.5 | 15 |
| | 2030 | 2.7 | 82 |
| 20 Tu | 0321 | 0.2 | 6 |
| | 0858 | 1.9 | 58 |
| | 1500 | 0.6 | 18 |
| | 2113 | 2.7 | 82 |
| 21 W | 0400 | 0.2 | 6 |
| | 0944 | 1.9 | 58 |
| | 1540 | 0.6 | 18 |
| | 2158 | 2.6 | 79 |
| 22 Th | 0441 | 0.2 | 6 |
| | 1031 | 1.8 | 55 |
| | 1622 | 0.7 | 21 |
| | 2244 | 2.5 | 76 |
| 23 F | 0526 | 0.3 | 9 |
| | 1119 | 1.8 | 55 |
| | 1710 | 0.7 | 21 |
| | 2328 | 2.4 | 73 |
| 24 Sa | 0613 | 0.3 | 9 |
| | 1207 | 1.8 | 55 |
| | 1805 | 0.8 | 24 |
| 25 Su | 0011 | 2.3 | 70 |
| | 0702 | 0.4 | 12 |
| | 1255 | 1.8 | 55 |
| | 1906 | 0.8 | 24 |
| 26 M | 0055 | 2.2 | 67 |
| | 0750 | 0.4 | 12 |
| | 1344 | 1.9 | 58 |
| | 2007 | 0.8 | 24 |
| 27 Tu ◑ | 0141 | 2.1 | 64 |
| | 0836 | 0.4 | 12 |
| | 1434 | 2.0 | 61 |
| | 2105 | 0.7 | 21 |
| 28 W | 0233 | 2.0 | 61 |
| | 0920 | 0.3 | 9 |
| | 1524 | 2.2 | 67 |
| | 2201 | 0.5 | 15 |
| 29 Th | 0330 | 2.0 | 61 |
| | 1004 | 0.3 | 9 |
| | 1613 | 2.5 | 76 |
| | 2256 | 0.3 | 9 |
| 30 F | 0426 | 2.0 | 61 |
| | 1048 | 0.2 | 6 |
| | 1700 | 2.7 | 82 |
| | 2350 | 0.1 | 3 |
| 31 Sa | 0519 | 2.0 | 61 |
| | 1136 | 0.2 | 6 |
| | 1747 | 3.0 | 91 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Su | 0044 | −0.1 | −3 |
| | 0610 | 2.1 | 64 |
| | 1226 | 0.1 | 3 |
| | 1835 | 3.3 | 101 |
| 2 M | 0137 | −0.3 | −9 |
| | 0700 | 2.1 | 64 |
| | 1318 | 0.0 | 0 |
| | 1926 | 3.4 | 104 |
| 3 Tu ● | 0229 | −0.4 | −12 |
| | 0752 | 2.2 | 67 |
| | 1411 | −0.1 | −3 |
| | 2018 | 3.4 | 104 |
| 4 W | 0320 | −0.5 | −15 |
| | 0845 | 2.3 | 70 |
| | 1506 | −0.1 | −3 |
| | 2113 | 3.4 | 104 |
| 5 Th | 0412 | −0.4 | −12 |
| | 0940 | 2.3 | 70 |
| | 1602 | −0.1 | −3 |
| | 2209 | 3.2 | 98 |
| 6 F | 0504 | −0.3 | −9 |
| | 1037 | 2.3 | 70 |
| | 1702 | 0.0 | 0 |
| | 2304 | 3.0 | 91 |
| 7 Sa | 0559 | −0.2 | −6 |
| | 1134 | 2.4 | 73 |
| | 1806 | 0.2 | 6 |
| | 2359 | 2.7 | 82 |
| 8 Su | 0654 | −0.1 | −3 |
| | 1232 | 2.4 | 73 |
| | 1914 | 0.3 | 9 |
| 9 M | 0053 | 2.4 | 73 |
| | 0749 | 0.0 | 0 |
| | 1331 | 2.4 | 73 |
| | 2022 | 0.4 | 12 |
| 10 Tu ◐ | 0149 | 2.1 | 64 |
| | 0841 | 0.2 | 6 |
| | 1432 | 2.4 | 73 |
| | 2127 | 0.5 | 15 |
| 11 W | 0248 | 1.9 | 58 |
| | 0932 | 0.3 | 9 |
| | 1532 | 2.4 | 73 |
| | 2230 | 0.5 | 15 |
| 12 Th | 0349 | 1.7 | 52 |
| | 1020 | 0.4 | 12 |
| | 1628 | 2.5 | 76 |
| | 2327 | 0.5 | 15 |
| 13 F | 0447 | 1.6 | 49 |
| | 1106 | 0.5 | 15 |
| | 1717 | 2.5 | 76 |
| 14 Sa | 0019 | 0.5 | 15 |
| | 0538 | 1.6 | 49 |
| | 1150 | 0.6 | 18 |
| | 1802 | 2.6 | 79 |
| 15 Su | 0104 | 0.4 | 12 |
| | 0624 | 1.6 | 49 |
| | 1234 | 0.6 | 18 |
| | 1845 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 M | 0144 | 0.4 | 12 |
| | 0707 | 1.7 | 52 |
| | 1316 | 0.6 | 18 |
| | 1928 | 2.6 | 79 |
| 17 Tu | 0221 | 0.3 | 9 |
| | 0751 | 1.7 | 52 |
| | 1357 | 0.6 | 18 |
| | 2011 | 2.6 | 79 |
| 18 W ○ | 0258 | 0.2 | 6 |
| | 0836 | 1.8 | 55 |
| | 1439 | 0.6 | 18 |
| | 2054 | 2.6 | 79 |
| 19 Th | 0337 | 0.2 | 6 |
| | 0922 | 1.8 | 55 |
| | 1521 | 0.6 | 18 |
| | 2138 | 2.6 | 79 |
| 20 F | 0417 | 0.2 | 6 |
| | 1010 | 1.9 | 58 |
| | 1605 | 0.6 | 18 |
| | 2220 | 2.5 | 76 |
| 21 Sa | 0458 | 0.2 | 6 |
| | 1056 | 1.9 | 58 |
| | 1652 | 0.6 | 18 |
| | 2301 | 2.5 | 76 |
| 22 Su | 0541 | 0.2 | 6 |
| | 1141 | 2.0 | 61 |
| | 1744 | 0.7 | 21 |
| | 2340 | 2.4 | 73 |
| 23 M | 0625 | 0.2 | 6 |
| | 1224 | 2.0 | 61 |
| | 1840 | 0.7 | 21 |
| 24 Tu | 0019 | 2.2 | 67 |
| | 0710 | 0.2 | 6 |
| | 1306 | 2.1 | 64 |
| | 1939 | 0.6 | 18 |
| 25 W | 0102 | 2.1 | 64 |
| | 0754 | 0.3 | 9 |
| | 1350 | 2.3 | 70 |
| | 2038 | 0.5 | 15 |
| 26 Th ◑ | 0151 | 2.0 | 61 |
| | 0839 | 0.3 | 9 |
| | 1439 | 2.4 | 73 |
| | 2135 | 0.4 | 12 |
| 27 F | 0248 | 1.9 | 58 |
| | 0925 | 0.3 | 9 |
| | 1533 | 2.6 | 79 |
| | 2232 | 0.2 | 6 |
| 28 Sa | 0349 | 1.9 | 58 |
| | 1014 | 0.3 | 9 |
| | 1628 | 2.8 | 85 |
| | 2329 | 0.1 | 3 |
| 29 Su | 0449 | 1.9 | 58 |
| | 1107 | 0.2 | 6 |
| | 1723 | 3.0 | 91 |
| 30 M | 0025 | −0.1 | −3 |
| | 0545 | 1.9 | 58 |
| | 1203 | 0.1 | 3 |
| | 1818 | 3.2 | 98 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Montauk, Fort Pond Bay, New York, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0120 | −0.2 | −6 |
| | 0639 | 2.1 | 64 |
| | 1301 | 0.0 | 0 |
| | 1911 | 3.3 | 101 |
| **2** W ● | 0212 | −0.3 | −9 |
| | 0733 | 2.2 | 67 |
| | 1358 | −0.1 | −3 |
| | 2005 | 3.3 | 101 |
| **3** Th | 0302 | −0.4 | −12 |
| | 0827 | 2.3 | 70 |
| | 1454 | −0.1 | −3 |
| | 2058 | 3.2 | 98 |
| **4** F | 0352 | −0.4 | −12 |
| | 0923 | 2.4 | 73 |
| | 1550 | −0.1 | −3 |
| | 2152 | 3.1 | 94 |
| **5** Sa | 0441 | −0.3 | −9 |
| | 1019 | 2.5 | 76 |
| | 1647 | 0.0 | 0 |
| | 2243 | 2.9 | 88 |
| **6** Su | 0530 | −0.2 | −6 |
| | 1114 | 2.5 | 76 |
| | 1747 | 0.2 | 6 |
| | 2334 | 2.6 | 79 |
| **7** M | 0620 | −0.1 | −3 |
| | 1208 | 2.6 | 79 |
| | 1850 | 0.3 | 9 |
| **8** Tu | 0024 | 2.3 | 70 |
| | 0711 | 0.1 | 3 |
| | 1301 | 2.5 | 76 |
| | 1954 | 0.4 | 12 |
| **9** W ◐ | 0115 | 2.0 | 61 |
| | 0801 | 0.3 | 9 |
| | 1356 | 2.5 | 76 |
| | 2057 | 0.5 | 15 |
| **10** Th | 0209 | 1.8 | 55 |
| | 0851 | 0.5 | 15 |
| | 1452 | 2.4 | 73 |
| | 2157 | 0.6 | 18 |
| **11** F | 0308 | 1.6 | 49 |
| | 0940 | 0.6 | 18 |
| | 1551 | 2.4 | 73 |
| | 2254 | 0.6 | 18 |
| **12** Sa | 0409 | 1.5 | 46 |
| | 1028 | 0.7 | 21 |
| | 1647 | 2.4 | 73 |
| | 2347 | 0.6 | 18 |
| **13** Su | 0507 | 1.5 | 46 |
| | 1116 | 0.7 | 21 |
| | 1738 | 2.4 | 73 |
| **14** M | 0034 | 0.5 | 15 |
| | 0557 | 1.6 | 49 |
| | 1204 | 0.7 | 21 |
| | 1825 | 2.5 | 76 |
| **15** Tu | 0116 | 0.5 | 15 |
| | 0644 | 1.7 | 52 |
| | 1251 | 0.7 | 21 |
| | 1909 | 2.5 | 76 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0154 | 0.4 | 12 |
| | 0728 | 1.8 | 55 |
| | 1336 | 0.6 | 18 |
| | 1951 | 2.6 | 79 |
| **17** Th | 0231 | 0.3 | 9 |
| | 0813 | 1.9 | 58 |
| | 1419 | 0.5 | 15 |
| | 2033 | 2.6 | 79 |
| **18** F ○ | 0309 | 0.2 | 6 |
| | 0858 | 2.0 | 61 |
| | 1502 | 0.5 | 15 |
| | 2113 | 2.6 | 79 |
| **19** Sa | 0347 | 0.1 | 3 |
| | 0942 | 2.1 | 64 |
| | 1546 | 0.4 | 12 |
| | 2152 | 2.6 | 79 |
| **20** Su | 0425 | 0.1 | 3 |
| | 1025 | 2.1 | 64 |
| | 1632 | 0.4 | 12 |
| | 2230 | 2.5 | 76 |
| **21** M | 0505 | 0.1 | 3 |
| | 1106 | 2.2 | 67 |
| | 1721 | 0.5 | 15 |
| | 2309 | 2.4 | 73 |
| **22** Tu | 0546 | 0.1 | 3 |
| | 1146 | 2.3 | 70 |
| | 1816 | 0.5 | 15 |
| | 2348 | 2.3 | 70 |
| **23** W | 0629 | 0.2 | 6 |
| | 1226 | 2.4 | 73 |
| | 1914 | 0.4 | 12 |
| **24** Th | 0032 | 2.1 | 64 |
| | 0714 | 0.3 | 9 |
| | 1311 | 2.5 | 76 |
| | 2014 | 0.4 | 12 |
| **25** F ◑ | 0121 | 2.0 | 61 |
| | 0803 | 0.4 | 12 |
| | 1402 | 2.6 | 79 |
| | 2114 | 0.3 | 9 |
| **26** Sa | 0218 | 1.9 | 58 |
| | 0855 | 0.4 | 12 |
| | 1502 | 2.7 | 82 |
| | 2213 | 0.2 | 6 |
| **27** Su | 0322 | 1.8 | 55 |
| | 0952 | 0.3 | 9 |
| | 1607 | 2.8 | 85 |
| | 2311 | 0.1 | 3 |
| **28** M | 0427 | 1.8 | 55 |
| | 1051 | 0.3 | 9 |
| | 1709 | 3.0 | 91 |
| **29** Tu | 0009 | 0.0 | 0 |
| | 0528 | 2.0 | 61 |
| | 1152 | 0.2 | 6 |
| | 1806 | 3.1 | 94 |
| **30** W | 0103 | −0.1 | −3 |
| | 0624 | 2.1 | 64 |
| | 1252 | 0.0 | 0 |
| | 1900 | 3.1 | 94 |
| **31** Th | 0154 | −0.2 | −6 |
| | 0718 | 2.3 | 70 |
| | 1349 | 0.0 | 0 |
| | 1951 | 3.1 | 94 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0242 | −0.2 | −6 |
| | 0811 | 2.5 | 76 |
| | 1444 | −0.1 | −3 |
| | 2041 | 3.1 | 94 |
| **2** Sa | 0328 | −0.3 | −9 |
| | 0904 | 2.6 | 79 |
| | 1537 | −0.1 | −3 |
| | 2130 | 2.9 | 88 |
| **3** Su | 0412 | −0.2 | −6 |
| | 0956 | 2.7 | 82 |
| | 1630 | 0.0 | 0 |
| | 2218 | 2.7 | 82 |
| **4** M | 0457 | −0.1 | −3 |
| | 1046 | 2.8 | 85 |
| | 1725 | 0.2 | 6 |
| | 2305 | 2.5 | 76 |
| **5** Tu | 0542 | 0.1 | 3 |
| | 1136 | 2.7 | 82 |
| | 1821 | 0.3 | 9 |
| | 2353 | 2.2 | 67 |
| **6** W | 0628 | 0.3 | 9 |
| | 1226 | 2.7 | 82 |
| | 1920 | 0.5 | 15 |
| **7** Th | 0041 | 2.0 | 61 |
| | 0717 | 0.5 | 15 |
| | 1317 | 2.5 | 76 |
| | 2020 | 0.6 | 18 |
| **8** F ◐ | 0132 | 1.8 | 55 |
| | 0808 | 0.7 | 21 |
| | 1412 | 2.4 | 73 |
| | 2119 | 0.7 | 21 |
| **9** Sa | 0230 | 1.6 | 49 |
| | 0901 | 0.8 | 24 |
| | 1513 | 2.3 | 70 |
| | 2216 | 0.7 | 21 |
| **10** Su | 0334 | 1.5 | 46 |
| | 0954 | 0.9 | 27 |
| | 1617 | 2.3 | 70 |
| | 2310 | 0.7 | 21 |
| **11** M | 0438 | 1.6 | 49 |
| | 1047 | 0.9 | 27 |
| | 1715 | 2.3 | 70 |
| | 2358 | 0.7 | 21 |
| **12** Tu | 0533 | 1.7 | 52 |
| | 1139 | 0.8 | 24 |
| | 1805 | 2.4 | 73 |
| **13** W | 0041 | 0.6 | 18 |
| | 0621 | 1.8 | 55 |
| | 1227 | 0.7 | 21 |
| | 1847 | 2.5 | 76 |
| **14** Th | 0120 | 0.5 | 15 |
| | 0705 | 1.9 | 58 |
| | 1313 | 0.6 | 18 |
| | 1927 | 2.6 | 79 |
| **15** F | 0158 | 0.3 | 9 |
| | 0747 | 2.1 | 64 |
| | 1357 | 0.5 | 15 |
| | 2004 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0234 | 0.2 | 6 |
| | 0828 | 2.2 | 67 |
| | 1441 | 0.4 | 12 |
| | 2041 | 2.6 | 79 |
| **17** Su | 0311 | 0.1 | 3 |
| | 0908 | 2.4 | 73 |
| | 1524 | 0.3 | 9 |
| | 2119 | 2.6 | 79 |
| **18** M | 0348 | 0.1 | 3 |
| | 0948 | 2.5 | 76 |
| | 1610 | 0.3 | 9 |
| | 2158 | 2.6 | 79 |
| **19** Tu | 0426 | 0.1 | 3 |
| | 1027 | 2.6 | 79 |
| | 1659 | 0.2 | 6 |
| | 2239 | 2.5 | 76 |
| **20** W | 0506 | 0.2 | 6 |
| | 1108 | 2.7 | 82 |
| | 1753 | 0.3 | 9 |
| | 2321 | 2.3 | 70 |
| **21** Th | 0550 | 0.3 | 9 |
| | 1151 | 2.8 | 85 |
| | 1851 | 0.3 | 9 |
| **22** F | 0008 | 2.2 | 67 |
| | 0639 | 0.4 | 12 |
| | 1240 | 2.8 | 85 |
| | 1953 | 0.3 | 9 |
| **23** Sa ◑ | 0059 | 2.0 | 61 |
| | 0736 | 0.5 | 15 |
| | 1337 | 2.8 | 85 |
| | 2055 | 0.3 | 9 |
| **24** Su | 0159 | 1.9 | 58 |
| | 0838 | 0.5 | 15 |
| | 1443 | 2.8 | 85 |
| | 2156 | 0.3 | 9 |
| **25** M | 0306 | 1.9 | 58 |
| | 0941 | 0.5 | 15 |
| | 1554 | 2.8 | 85 |
| | 2255 | 0.3 | 9 |
| **26** Tu | 0415 | 1.9 | 58 |
| | 1045 | 0.4 | 12 |
| | 1700 | 2.9 | 88 |
| | 2352 | 0.2 | 6 |
| **27** W | 0518 | 2.1 | 64 |
| | 1147 | 0.3 | 9 |
| | 1757 | 2.9 | 88 |
| **28** Th | 0044 | 0.1 | 3 |
| | 0613 | 2.3 | 70 |
| | 1246 | 0.2 | 6 |
| | 1847 | 2.9 | 88 |
| **29** F | 0132 | 0.0 | 0 |
| | 0705 | 2.5 | 76 |
| | 1342 | 0.1 | 3 |
| | 1934 | 2.9 | 88 |
| **30** Sa ● | 0217 | −0.1 | −3 |
| | 0754 | 2.7 | 82 |
| | 1433 | 0.0 | 0 |
| | 2020 | 2.8 | 85 |
| **31** Su | 0259 | −0.1 | −3 |
| | 0841 | 2.9 | 88 |
| | 1522 | 0.0 | 0 |
| | 2105 | 2.7 | 82 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0340 | 0.0 | 0 |
| | 0928 | 2.9 | 88 |
| | 1610 | 0.1 | 3 |
| | 2150 | 2.5 | 76 |
| **2** Tu | 0420 | 0.2 | 6 |
| | 1015 | 2.9 | 88 |
| | 1659 | 0.2 | 6 |
| | 2236 | 2.3 | 70 |
| **3** W | 0500 | 0.4 | 12 |
| | 1102 | 2.8 | 85 |
| | 1749 | 0.4 | 12 |
| | 2322 | 2.1 | 64 |
| **4** Th | 0543 | 0.6 | 18 |
| | 1149 | 2.7 | 82 |
| | 1843 | 0.5 | 15 |
| **5** F | 0010 | 2.0 | 61 |
| | 0630 | 0.8 | 24 |
| | 1239 | 2.6 | 79 |
| | 1941 | 0.7 | 21 |
| **6** Sa | 0100 | 1.8 | 55 |
| | 0724 | 0.9 | 27 |
| | 1334 | 2.4 | 73 |
| | 2040 | 0.8 | 24 |
| **7** Su ◐ | 0157 | 1.7 | 52 |
| | 0824 | 1.0 | 30 |
| | 1438 | 2.3 | 70 |
| | 2137 | 0.8 | 24 |
| **8** M | 0303 | 1.6 | 49 |
| | 0924 | 1.0 | 30 |
| | 1546 | 2.2 | 67 |
| | 2230 | 0.8 | 24 |
| **9** Tu | 0411 | 1.7 | 52 |
| | 1020 | 0.9 | 27 |
| | 1648 | 2.3 | 70 |
| | 2318 | 0.7 | 21 |
| **10** W | 0509 | 1.8 | 55 |
| | 1113 | 0.9 | 27 |
| | 1737 | 2.4 | 73 |
| **11** Th | 0000 | 0.6 | 18 |
| | 0557 | 2.0 | 61 |
| | 1202 | 0.7 | 21 |
| | 1818 | 2.5 | 76 |
| **12** F | 0040 | 0.5 | 15 |
| | 0638 | 2.2 | 67 |
| | 1249 | 0.6 | 18 |
| | 1855 | 2.5 | 76 |
| **13** Sa | 0118 | 0.3 | 9 |
| | 0716 | 2.4 | 73 |
| | 1333 | 0.4 | 12 |
| | 1931 | 2.6 | 79 |
| **14** Su | 0155 | 0.2 | 6 |
| | 0753 | 2.6 | 79 |
| | 1418 | 0.2 | 6 |
| | 2007 | 2.6 | 79 |
| **15** M ○ | 0232 | 0.1 | 3 |
| | 0830 | 2.8 | 85 |
| | 1502 | 0.1 | 3 |
| | 2046 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0310 | 0.1 | 3 |
| | 0909 | 2.9 | 88 |
| | 1549 | 0.0 | 0 |
| | 2127 | 2.5 | 76 |
| **17** W | 0349 | 0.1 | 3 |
| | 0950 | 3.0 | 91 |
| | 1638 | 0.0 | 0 |
| | 2211 | 2.4 | 73 |
| **18** Th | 0431 | 0.2 | 6 |
| | 1035 | 3.1 | 94 |
| | 1732 | 0.1 | 3 |
| | 2258 | 2.3 | 70 |
| **19** F | 0518 | 0.3 | 9 |
| | 1124 | 3.0 | 91 |
| | 1831 | 0.2 | 6 |
| | 2349 | 2.2 | 67 |
| **20** Sa | 0614 | 0.4 | 12 |
| | 1219 | 3.0 | 91 |
| | 1934 | 0.3 | 9 |
| **21** Su | 0044 | 2.0 | 61 |
| | 0719 | 0.5 | 15 |
| | 1320 | 2.8 | 85 |
| | 2037 | 0.3 | 9 |
| **22** M | 0147 | 2.0 | 61 |
| | 0829 | 0.6 | 18 |
| | 1430 | 2.7 | 82 |
| | 2138 | 0.3 | 9 |
| **23** Tu | 0257 | 2.0 | 61 |
| | 0937 | 0.5 | 15 |
| | 1543 | 2.7 | 82 |
| | 2237 | 0.3 | 9 |
| **24** W | 0408 | 2.1 | 64 |
| | 1042 | 0.4 | 12 |
| | 1649 | 2.7 | 82 |
| | 2331 | 0.2 | 6 |
| **25** Th | 0510 | 2.3 | 70 |
| | 1143 | 0.3 | 9 |
| | 1744 | 2.7 | 82 |
| **26** F | 0021 | 0.2 | 6 |
| | 0603 | 2.5 | 76 |
| | 1241 | 0.2 | 6 |
| | 1831 | 2.6 | 79 |
| **27** Sa | 0107 | 0.1 | 3 |
| | 0650 | 2.7 | 82 |
| | 1333 | 0.2 | 6 |
| | 1914 | 2.6 | 79 |
| **28** Su | 0149 | 0.1 | 3 |
| | 0734 | 2.9 | 88 |
| | 1420 | 0.1 | 3 |
| | 1956 | 2.5 | 76 |
| **29** M ● | 0229 | 0.2 | 6 |
| | 0817 | 3.0 | 91 |
| | 1505 | 0.1 | 3 |
| | 2039 | 2.4 | 73 |
| **30** Tu | 0307 | 0.2 | 6 |
| | 0900 | 3.0 | 91 |
| | 1548 | 0.2 | 6 |
| | 2122 | 2.3 | 70 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Montauk, Fort Pond Bay, New York, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0343 | 0.4 | 12 |
| | 0943 | 3.0 | 91 |
| | 1632 | 0.2 | 6 |
| | 2207 | 2.2 | 67 |
| **2** Th | 0420 | 0.5 | 15 |
| | 1028 | 2.8 | 85 |
| | 1717 | 0.4 | 12 |
| | 2253 | 2.1 | 64 |
| **3** F | 0459 | 0.7 | 21 |
| | 1116 | 2.7 | 82 |
| | 1807 | 0.5 | 15 |
| | 2341 | 1.9 | 58 |
| **4** Sa | 0545 | 0.9 | 27 |
| | 1206 | 2.5 | 76 |
| | 1903 | 0.7 | 21 |
| **5** Su | 0032 | 1.8 | 55 |
| | 0643 | 1.0 | 30 |
| | 1301 | 2.3 | 70 |
| | 2001 | 0.8 | 24 |
| **6** M | 0129 | 1.7 | 52 |
| | 0750 | 1.0 | 30 |
| | 1402 | 2.2 | 67 |
| | 2057 | 0.8 | 24 |
| **7** Tu ◐ | 0234 | 1.7 | 52 |
| | 0854 | 1.0 | 30 |
| | 1507 | 2.2 | 67 |
| | 2148 | 0.8 | 24 |
| **8** W | 0342 | 1.8 | 55 |
| | 0952 | 1.0 | 30 |
| | 1608 | 2.2 | 67 |
| | 2234 | 0.7 | 21 |
| **9** Th | 0440 | 1.9 | 58 |
| | 1045 | 0.8 | 24 |
| | 1658 | 2.2 | 67 |
| | 2316 | 0.6 | 18 |
| **10** F | 0526 | 2.1 | 64 |
| | 1134 | 0.7 | 21 |
| | 1739 | 2.3 | 70 |
| | 2356 | 0.4 | 12 |
| **11** Sa | 0604 | 2.4 | 73 |
| | 1222 | 0.5 | 15 |
| | 1817 | 2.4 | 73 |
| **12** Su | 0035 | 0.3 | 9 |
| | 0640 | 2.6 | 79 |
| | 1308 | 0.2 | 6 |
| | 1855 | 2.4 | 73 |
| **13** M | 0114 | 0.2 | 6 |
| | 0716 | 2.9 | 88 |
| | 1354 | 0.0 | 0 |
| | 1933 | 2.5 | 76 |
| **14** Tu ○ | 0154 | 0.1 | 3 |
| | 0754 | 3.1 | 94 |
| | 1441 | −0.1 | −3 |
| | 2015 | 2.5 | 76 |
| **15** W | 0234 | 0.0 | 0 |
| | 0835 | 3.2 | 98 |
| | 1528 | −0.2 | −6 |
| | 2059 | 2.4 | 73 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0317 | 0.0 | 0 |
| | 0921 | 3.3 | 101 |
| | 1619 | −0.2 | −6 |
| | 2147 | 2.3 | 70 |
| **17** F | 0403 | 0.1 | 3 |
| | 1011 | 3.2 | 98 |
| | 1713 | −0.1 | −3 |
| | 2238 | 2.2 | 67 |
| **18** Sa | 0456 | 0.2 | 6 |
| | 1105 | 3.1 | 94 |
| | 1812 | 0.0 | 0 |
| | 2333 | 2.2 | 67 |
| **19** Su | 0557 | 0.3 | 9 |
| | 1204 | 3.0 | 91 |
| | 1914 | 0.1 | 3 |
| **20** M | 0032 | 2.1 | 64 |
| | 0708 | 0.4 | 12 |
| | 1307 | 2.8 | 85 |
| | 2017 | 0.2 | 6 |
| **21** Tu ◑ | 0136 | 2.0 | 61 |
| | 0820 | 0.5 | 15 |
| | 1414 | 2.6 | 79 |
| | 2117 | 0.2 | 6 |
| **22** W | 0247 | 2.1 | 64 |
| | 0930 | 0.5 | 15 |
| | 1524 | 2.4 | 73 |
| | 2213 | 0.2 | 6 |
| **23** Th | 0357 | 2.2 | 67 |
| | 1035 | 0.4 | 12 |
| | 1629 | 2.3 | 70 |
| | 2305 | 0.2 | 6 |
| **24** F | 0457 | 2.4 | 73 |
| | 1136 | 0.3 | 9 |
| | 1723 | 2.3 | 70 |
| | 2353 | 0.2 | 6 |
| **25** Sa | 0547 | 2.6 | 79 |
| | 1232 | 0.2 | 6 |
| | 1810 | 2.2 | 67 |
| **26** Su | 0038 | 0.2 | 6 |
| | 0631 | 2.8 | 85 |
| | 1321 | 0.2 | 6 |
| | 1852 | 2.2 | 67 |
| **27** M | 0119 | 0.2 | 6 |
| | 0712 | 2.9 | 88 |
| | 1405 | 0.1 | 3 |
| | 1933 | 2.1 | 64 |
| **28** Tu ● | 0158 | 0.3 | 9 |
| | 0752 | 2.9 | 88 |
| | 1447 | 0.1 | 3 |
| | 2014 | 2.1 | 64 |
| **29** W | 0235 | 0.4 | 12 |
| | 0833 | 2.9 | 88 |
| | 1526 | 0.1 | 3 |
| | 2057 | 2.0 | 61 |
| **30** Th | 0311 | 0.4 | 12 |
| | 0916 | 2.8 | 85 |
| | 1606 | 0.2 | 6 |
| | 2142 | 2.0 | 61 |
| **31** F | 0348 | 0.5 | 15 |
| | 1001 | 2.7 | 82 |
| | 1649 | 0.3 | 9 |
| | 2228 | 1.9 | 58 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0427 | 0.6 | 18 |
| | 1049 | 2.5 | 76 |
| | 1736 | 0.4 | 12 |
| | 2317 | 1.8 | 55 |
| **2** Su | 0512 | 0.8 | 24 |
| | 1138 | 2.4 | 73 |
| | 1828 | 0.5 | 15 |
| **3** M | 0008 | 1.7 | 52 |
| | 0610 | 0.8 | 24 |
| | 1230 | 2.2 | 67 |
| | 1922 | 0.6 | 18 |
| **4** Tu | 0104 | 1.7 | 52 |
| | 0716 | 0.9 | 27 |
| | 1323 | 2.1 | 64 |
| | 2015 | 0.6 | 18 |
| **5** W ◐ | 0204 | 1.7 | 52 |
| | 0821 | 0.9 | 27 |
| | 1420 | 2.0 | 61 |
| | 2104 | 0.5 | 15 |
| **6** Th | 0305 | 1.8 | 55 |
| | 0919 | 0.8 | 24 |
| | 1516 | 2.0 | 61 |
| | 2148 | 0.5 | 15 |
| **7** F | 0400 | 1.9 | 58 |
| | 1013 | 0.7 | 21 |
| | 1608 | 2.0 | 61 |
| | 2230 | 0.4 | 12 |
| **8** Sa | 0446 | 2.1 | 64 |
| | 1104 | 0.5 | 15 |
| | 1655 | 2.0 | 61 |
| | 2311 | 0.3 | 9 |
| **9** Su | 0525 | 2.4 | 73 |
| | 1154 | 0.2 | 6 |
| | 1738 | 2.1 | 64 |
| | 2352 | 0.2 | 6 |
| **10** M | 0603 | 2.7 | 82 |
| | 1243 | 0.0 | 0 |
| | 1820 | 2.1 | 64 |
| **11** Tu | 0035 | 0.0 | 0 |
| | 0642 | 2.9 | 88 |
| | 1332 | −0.2 | −6 |
| | 1903 | 2.2 | 67 |
| **12** W | 0119 | −0.1 | −3 |
| | 0724 | 3.1 | 94 |
| | 1421 | −0.4 | −12 |
| | 1947 | 2.2 | 67 |
| **13** Th ○ | 0205 | −0.1 | −3 |
| | 0810 | 3.3 | 101 |
| | 1510 | −0.5 | −15 |
| | 2035 | 2.2 | 67 |
| **14** F | 0253 | −0.2 | −6 |
| | 0901 | 3.3 | 101 |
| | 1601 | −0.4 | −12 |
| | 2126 | 2.2 | 67 |
| **15** Sa | 0345 | −0.2 | −6 |
| | 0955 | 3.2 | 98 |
| | 1655 | −0.4 | −12 |
| | 2221 | 2.1 | 64 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0441 | −0.1 | −3 |
| | 1051 | 3.0 | 91 |
| | 1752 | −0.3 | −9 |
| | 2318 | 2.1 | 64 |
| **17** M | 0545 | 0.1 | 3 |
| | 1149 | 2.8 | 85 |
| | 1851 | −0.2 | −6 |
| **18** Tu | 0018 | 2.1 | 64 |
| | 0655 | 0.2 | 6 |
| | 1248 | 2.6 | 79 |
| | 1951 | −0.1 | −3 |
| **19** W ◑ | 0122 | 2.1 | 64 |
| | 0807 | 0.3 | 9 |
| | 1350 | 2.3 | 70 |
| | 2048 | 0.0 | 0 |
| **20** Th | 0228 | 2.1 | 64 |
| | 0917 | 0.3 | 9 |
| | 1455 | 2.0 | 61 |
| | 2142 | 0.0 | 0 |
| **21** F | 0335 | 2.2 | 67 |
| | 1022 | 0.3 | 9 |
| | 1559 | 1.9 | 58 |
| | 2233 | 0.1 | 3 |
| **22** Sa | 0435 | 2.4 | 73 |
| | 1123 | 0.2 | 6 |
| | 1656 | 1.8 | 55 |
| | 2322 | 0.1 | 3 |
| **23** Su | 0526 | 2.5 | 76 |
| | 1218 | 0.2 | 6 |
| | 1745 | 1.7 | 52 |
| **24** M | 0007 | 0.2 | 6 |
| | 0609 | 2.5 | 76 |
| | 1306 | 0.1 | 3 |
| | 1829 | 1.7 | 52 |
| **25** Tu | 0050 | 0.3 | 9 |
| | 0650 | 2.6 | 79 |
| | 1349 | 0.1 | 3 |
| | 1910 | 1.7 | 52 |
| **26** W | 0131 | 0.3 | 9 |
| | 0730 | 2.6 | 79 |
| | 1428 | 0.0 | 0 |
| | 1952 | 1.7 | 52 |
| **27** Th ● | 0209 | 0.3 | 9 |
| | 0812 | 2.6 | 79 |
| | 1505 | 0.0 | 0 |
| | 2035 | 1.7 | 52 |
| **28** F | 0247 | 0.3 | 9 |
| | 0855 | 2.5 | 76 |
| | 1544 | 0.0 | 0 |
| | 2120 | 1.7 | 52 |
| **29** Sa | 0325 | 0.4 | 12 |
| | 0941 | 2.4 | 73 |
| | 1624 | 0.1 | 3 |
| | 2207 | 1.7 | 52 |
| **30** Su | 0406 | 0.4 | 12 |
| | 1027 | 2.3 | 70 |
| | 1708 | 0.1 | 3 |
| | 2256 | 1.6 | 49 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0451 | 0.5 | 15 |
| | 1113 | 2.2 | 67 |
| | 1754 | 0.2 | 6 |
| | 2345 | 1.6 | 49 |
| **2** Tu | 0544 | 0.6 | 18 |
| | 1158 | 2.1 | 64 |
| | 1842 | 0.2 | 6 |
| **3** W | 0036 | 1.6 | 49 |
| | 0645 | 0.6 | 18 |
| | 1243 | 2.0 | 61 |
| | 1931 | 0.2 | 6 |
| **4** Th | 0127 | 1.6 | 49 |
| | 0746 | 0.6 | 18 |
| | 1329 | 1.8 | 55 |
| | 2017 | 0.2 | 6 |
| **5** F ◐ | 0218 | 1.7 | 52 |
| | 0845 | 0.5 | 15 |
| | 1418 | 1.7 | 52 |
| | 2101 | 0.2 | 6 |
| **6** Sa | 0309 | 1.9 | 58 |
| | 0941 | 0.4 | 12 |
| | 1512 | 1.7 | 52 |
| | 2144 | 0.2 | 6 |
| **7** Su | 0357 | 2.1 | 64 |
| | 1034 | 0.2 | 6 |
| | 1607 | 1.7 | 52 |
| | 2227 | 0.1 | 3 |
| **8** M | 0443 | 2.3 | 70 |
| | 1127 | 0.0 | 0 |
| | 1659 | 1.7 | 52 |
| | 2313 | 0.0 | 0 |
| **9** Tu | 0528 | 2.6 | 79 |
| | 1220 | −0.2 | −6 |
| | 1748 | 1.8 | 55 |
| **10** W | 0002 | −0.1 | −3 |
| | 0615 | 2.8 | 85 |
| | 1312 | −0.4 | −12 |
| | 1836 | 1.8 | 55 |
| **11** Th | 0053 | −0.3 | −9 |
| | 0703 | 3.0 | 91 |
| | 1403 | −0.6 | −18 |
| | 1925 | 1.9 | 58 |
| **12** F ○ | 0145 | −0.4 | −12 |
| | 0754 | 3.1 | 94 |
| | 1453 | −0.7 | −21 |
| | 2015 | 2.0 | 61 |
| **13** Sa | 0238 | −0.5 | −15 |
| | 0846 | 3.1 | 94 |
| | 1544 | −0.7 | −21 |
| | 2109 | 2.0 | 61 |
| **14** Su | 0333 | −0.5 | −15 |
| | 0941 | 3.0 | 91 |
| | 1635 | −0.6 | −18 |
| | 2205 | 2.1 | 64 |
| **15** M | 0430 | −0.4 | −12 |
| | 1036 | 2.8 | 85 |
| | 1728 | −0.5 | −15 |
| | 2302 | 2.1 | 64 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0532 | −0.3 | −9 |
| | 1130 | 2.6 | 79 |
| | 1823 | −0.4 | −12 |
| **17** W | 0000 | 2.1 | 64 |
| | 0639 | −0.1 | −3 |
| | 1225 | 2.3 | 70 |
| | 1918 | −0.3 | −9 |
| **18** Th | 0059 | 2.1 | 64 |
| | 0748 | 0.0 | 0 |
| | 1320 | 2.0 | 61 |
| | 2013 | −0.2 | −6 |
| **19** F ◑ | 0200 | 2.1 | 64 |
| | 0856 | 0.1 | 3 |
| | 1419 | 1.7 | 52 |
| | 2107 | −0.1 | −3 |
| **20** Sa | 0302 | 2.1 | 64 |
| | 1001 | 0.1 | 3 |
| | 1521 | 1.5 | 46 |
| | 2159 | 0.1 | 3 |
| **21** Su | 0403 | 2.2 | 67 |
| | 1102 | 0.1 | 3 |
| | 1623 | 1.3 | 40 |
| | 2249 | 0.2 | 6 |
| **22** M | 0459 | 2.2 | 67 |
| | 1158 | 0.1 | 3 |
| | 1719 | 1.3 | 40 |
| | 2338 | 0.2 | 6 |
| **23** Tu | 0547 | 2.2 | 67 |
| | 1247 | 0.1 | 3 |
| | 1806 | 1.3 | 40 |
| **24** W | 0025 | 0.3 | 9 |
| | 0631 | 2.2 | 67 |
| | 1330 | 0.0 | 0 |
| | 1850 | 1.4 | 43 |
| **25** Th | 0108 | 0.2 | 6 |
| | 0714 | 2.2 | 67 |
| | 1408 | 0.0 | 0 |
| | 1933 | 1.4 | 43 |
| **26** F | 0149 | 0.2 | 6 |
| | 0757 | 2.3 | 70 |
| | 1445 | −0.1 | −3 |
| | 2016 | 1.5 | 46 |
| **27** Sa ● | 0229 | 0.2 | 6 |
| | 0839 | 2.3 | 70 |
| | 1521 | −0.1 | −3 |
| | 2101 | 1.5 | 46 |
| **28** Su | 0308 | 0.1 | 3 |
| | 0923 | 2.2 | 67 |
| | 1559 | −0.1 | −3 |
| | 2147 | 1.6 | 49 |
| **29** M | 0350 | 0.1 | 3 |
| | 1005 | 2.2 | 67 |
| | 1638 | −0.2 | −6 |
| | 2233 | 1.6 | 49 |
| **30** Tu | 0433 | 0.2 | 6 |
| | 1046 | 2.1 | 64 |
| | 1719 | −0.1 | −3 |
| | 2318 | 1.6 | 49 |
| **31** W | 0522 | 0.2 | 6 |
| | 1125 | 2.0 | 61 |
| | 1801 | −0.1 | −3 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# New London, Connecticut, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Tu | 0347 | 2.5 76 | **16** W | 0301 | 2.8 85 |
| | 1033 | 0.4 12 | | 0959 | 0.0 0 |
| | 1615 | 1.8 55 | | 1526 | 2.0 61 |
| | 2227 | 0.5 15 | | 2153 | 0.1 3 |
| **2** W | 0444 | 2.6 79 | **17** Th | 0407 | 2.9 88 |
| | 1128 | 0.3 9 | | 1100 | −0.1 −3 |
| | 1713 | 1.8 55 | | 1634 | 2.0 61 |
| | 2317 | 0.5 15 | | 2253 | 0.0 0 |
| **3** Th | 0536 | 2.6 79 | **18** F | 0510 | 3.0 91 |
| | 1219 | 0.3 9 | | 1201 | −0.2 −6 |
| | 1804 | 1.8 55 | | 1736 | 2.0 61 |
| | | | | 2354 | 0.0 0 |
| **4** F | 0006 | 0.5 15 | **19** Sa | 0609 | 3.1 94 |
| | 0623 | 2.7 82 | | 1258 | −0.3 −9 |
| | 1305 | 0.2 6 | | 1832 | 2.1 64 |
| | 1850 | 1.9 58 | | | |
| **5** Sa | 0053 | 0.5 15 | **20** Su | 0054 | −0.1 −3 |
| | 0707 | 2.7 82 | | 0704 | 3.2 98 |
| | 1347 | 0.1 3 | | 1352 | −0.4 −12 |
| | 1933 | 2.0 61 | | 1925 | 2.3 70 |
| **6** Su | 0138 | 0.4 12 | **21** M | 0151 | −0.2 −6 |
| | 0748 | 2.8 85 | | 0755 | 3.2 98 |
| | 1426 | 0.0 0 | | 1441 | −0.5 −15 |
| | 2014 | 2.1 64 | | 2015 | 2.4 73 |
| **7** M | 0220 | 0.3 9 | **22** Tu | 0245 | −0.3 −9 |
| | 0829 | 2.8 85 | | 0845 | 3.2 98 |
| | 1504 | −0.1 −3 | | 1528 | −0.5 −15 |
| | 2056 | 2.1 64 | ○ | 2106 | 2.5 76 |
| **8** Tu | 0300 | 0.2 6 | **23** W | 0335 | −0.3 −9 |
| | 0909 | 2.8 85 | | 0933 | 3.1 94 |
| | 1542 | −0.2 −6 | | 1613 | −0.5 −15 |
| ● | 2137 | 2.2 67 | | 2155 | 2.6 79 |
| **9** W | 0341 | 0.2 6 | **24** Th | 0425 | −0.3 −9 |
| | 0948 | 2.9 88 | | 1021 | 2.9 88 |
| | 1621 | −0.2 −6 | | 1657 | −0.4 −12 |
| | 2217 | 2.3 70 | | 2245 | 2.7 82 |
| **10** Th | 0423 | 0.1 3 | **25** F | 0515 | −0.2 −6 |
| | 1027 | 2.8 85 | | 1107 | 2.7 82 |
| | 1701 | −0.2 −6 | | 1741 | −0.2 −6 |
| | 2258 | 2.3 70 | | 2333 | 2.7 82 |
| **11** F | 0508 | 0.1 3 | **26** Sa | 0606 | 0.0 0 |
| | 1106 | 2.8 85 | | 1153 | 2.5 76 |
| | 1743 | −0.2 −6 | | 1825 | −0.1 −3 |
| | 2338 | 2.4 73 | | | |
| **12** Sa | 0559 | 0.1 3 | **27** Su | 0021 | 2.7 82 |
| | 1147 | 2.7 82 | | 0700 | 0.1 3 |
| | 1827 | −0.2 −6 | | 1240 | 2.2 67 |
| | | | | 1911 | 0.1 3 |
| **13** Su | 0021 | 2.5 76 | **28** M | 0110 | 2.6 79 |
| | 0655 | 0.1 3 | | 0756 | 0.2 6 |
| | 1232 | 2.5 76 | | 1331 | 2.0 61 |
| | 1914 | −0.1 −3 | | 1959 | 0.3 9 |
| **14** M | 0107 | 2.6 79 | **29** Tu | 0202 | 2.5 76 |
| | 0755 | 0.1 3 | | 0853 | 0.3 9 |
| | 1322 | 2.3 70 | | 1427 | 1.8 55 |
| | 2004 | 0.0 0 | | 2050 | 0.5 15 |
| **15** Tu | 0200 | 2.7 82 | **30** W | 0300 | 2.4 73 |
| | 0857 | 0.0 0 | | 0950 | 0.4 12 |
| | 1420 | 2.1 64 | | 1529 | 1.7 52 |
| ◐ | 2057 | 0.0 0 | ◑ | 2143 | 0.6 18 |
| | | | **31** Th | 0402 | 2.4 73 |
| | | | | 1045 | 0.4 12 |
| | | | | 1634 | 1.7 52 |
| | | | | 2237 | 0.6 18 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** F | 0502 | 2.4 73 | **16** Sa | 0500 | 2.8 85 |
| | 1139 | 0.4 12 | | 1144 | −0.1 −3 |
| | 1733 | 1.7 52 | | 1726 | 2.0 61 |
| | 2332 | 0.6 18 | | 2346 | 0.1 3 |
| **2** Sa | 0556 | 2.5 76 | **17** Su | 0603 | 2.9 88 |
| | 1229 | 0.3 9 | | 1242 | −0.2 −6 |
| | 1823 | 1.9 58 | | 1823 | 2.2 67 |
| **3** Su | 0024 | 0.5 15 | **18** M | 0047 | −0.1 −3 |
| | 0643 | 2.6 79 | | 0657 | 2.9 88 |
| | 1314 | 0.1 3 | | 1335 | −0.3 −9 |
| | 1908 | 2.0 61 | | 1915 | 2.4 73 |
| **4** M | 0112 | 0.4 12 | **19** Tu | 0144 | −0.2 −6 |
| | 0726 | 2.7 82 | | 0746 | 2.9 88 |
| | 1355 | 0.0 0 | | 1422 | −0.3 −9 |
| | 1949 | 2.1 64 | | 2002 | 2.5 76 |
| **5** Tu | 0156 | 0.2 6 | **20** W | 0235 | −0.3 −9 |
| | 0805 | 2.8 85 | | 0831 | 2.9 88 |
| | 1435 | −0.1 −3 | | 1506 | −0.4 −12 |
| | 2029 | 2.2 67 | ○ | 2048 | 2.7 82 |
| **6** W | 0238 | 0.1 3 | **21** Th | 0322 | −0.3 −9 |
| | 0844 | 2.8 85 | | 0915 | 2.8 85 |
| | 1513 | −0.3 −9 | | 1547 | −0.3 −9 |
| ● | 2107 | 2.4 73 | | 2132 | 2.8 85 |
| **7** Th | 0320 | −0.1 −3 | **22** F | 0408 | −0.3 −9 |
| | 0922 | 2.9 88 | | 0957 | 2.7 82 |
| | 1551 | −0.3 −9 | | 1626 | −0.2 −6 |
| | 2146 | 2.5 76 | | 2216 | 2.9 88 |
| **8** F | 0404 | −0.2 −6 | **23** Sa | 0452 | −0.2 −6 |
| | 1000 | 2.8 85 | | 1040 | 2.5 76 |
| | 1630 | −0.4 −12 | | 1705 | −0.1 −3 |
| | 2225 | 2.6 79 | | 2300 | 2.9 88 |
| **9** Sa | 0450 | −0.2 −6 | **24** Su | 0538 | −0.1 −3 |
| | 1041 | 2.8 85 | | 1123 | 2.4 73 |
| | 1711 | −0.3 −9 | | 1744 | 0.1 3 |
| | 2306 | 2.8 85 | | 2344 | 2.8 85 |
| **10** Su | 0540 | −0.2 −6 | **25** M | 0625 | 0.1 3 |
| | 1124 | 2.6 79 | | 1208 | 2.2 67 |
| | 1754 | −0.2 −6 | | 1825 | 0.3 9 |
| | 2350 | 2.9 88 | | | |
| **11** M | 0635 | −0.2 −6 | **26** Tu | 0030 | 2.7 82 |
| | 1209 | 2.4 73 | | 0716 | 0.2 6 |
| | 1841 | −0.1 −3 | | 1255 | 2.0 61 |
| | | | | 1911 | 0.5 15 |
| **12** Tu | 0038 | 2.9 88 | **27** W | 0119 | 2.6 79 |
| | 0735 | −0.1 −3 | | 0809 | 0.3 9 |
| | 1300 | 2.2 67 | | 1347 | 1.9 58 |
| | 1934 | 0.0 0 | | 2004 | 0.6 18 |
| **13** W | 0132 | 2.9 88 | **28** Th | 0215 | 2.4 73 |
| | 0837 | −0.1 −3 | | 0905 | 0.4 12 |
| | 1358 | 2.1 64 | | 1448 | 1.8 55 |
| ◐ | 2033 | 0.1 3 | ◑ | 2101 | 0.7 21 |
| **14** Th | 0237 | 2.9 88 | **29** F | 0319 | 2.3 70 |
| | 0940 | −0.1 −3 | | 1000 | 0.5 15 |
| | 1506 | 1.9 58 | | 1555 | 1.8 55 |
| | 2136 | 0.1 3 | | 2200 | 0.7 21 |
| **15** F | 0349 | 2.8 85 | | | |
| | 1043 | −0.1 −3 | | | |
| | 1619 | 1.9 58 | | | |
| | 2241 | 0.1 3 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0425 | 2.3 70 | **16** Su | 0451 | 2.7 82 |
| | 1055 | 0.4 12 | | 1125 | 0.0 0 |
| | 1659 | 1.8 55 | | 1717 | 2.2 67 |
| | 2257 | 0.7 21 | | 2338 | 0.2 6 |
| **2** Su | 0523 | 2.4 73 | **17** M | 0554 | 2.7 82 |
| | 1147 | 0.4 12 | | 1221 | 0.0 0 |
| | 1753 | 2.0 61 | | 1813 | 2.4 73 |
| | 2352 | 0.5 15 | | | |
| **3** M | 0613 | 2.5 76 | **18** Tu | 0039 | 0.1 3 |
| | 1235 | 0.2 6 | | 0646 | 2.7 82 |
| | 1838 | 2.1 64 | | 1312 | 0.0 0 |
| | | | | 1901 | 2.6 79 |
| **4** Tu | 0042 | 0.4 12 | **19** W | 0134 | 0.0 0 |
| | 0655 | 2.6 79 | | 0731 | 2.7 82 |
| | 1319 | 0.1 3 | | 1358 | −0.1 −3 |
| | 1918 | 2.3 70 | | 1945 | 2.8 85 |
| **5** W | 0129 | 0.2 6 | **20** Th | 0223 | −0.1 −3 |
| | 0735 | 2.8 85 | | 0812 | 2.7 82 |
| | 1400 | −0.1 −3 | | 1439 | −0.1 −3 |
| | 1956 | 2.5 76 | | 2026 | 2.9 88 |
| **6** Th | 0214 | 0.0 0 | **21** F | 0307 | −0.2 −6 |
| | 0813 | 2.8 85 | | 0853 | 2.6 79 |
| | 1439 | −0.2 −6 | | 1518 | 0.0 0 |
| | 2033 | 2.7 82 | ○ | 2106 | 3.0 91 |
| **7** F | 0259 | −0.2 −6 | **22** Sa | 0349 | −0.2 −6 |
| | 0852 | 2.9 88 | | 0933 | 2.5 76 |
| | 1518 | −0.3 −9 | | 1554 | 0.1 3 |
| ● | 2112 | 2.9 88 | | 2147 | 3.1 94 |
| **8** Sa | 0344 | −0.4 −12 | **23** Su | 0429 | −0.1 −3 |
| | 0933 | 2.8 85 | | 1014 | 2.4 73 |
| | 1558 | −0.3 −9 | | 1630 | 0.2 6 |
| | 2152 | 3.1 94 | | 2228 | 3.0 91 |
| **9** Su | 0432 | −0.5 −15 | **24** M | 0510 | 0.0 0 |
| | 1017 | 2.8 85 | | 1057 | 2.3 70 |
| | 1639 | −0.3 −9 | | 1707 | 0.4 12 |
| | 2236 | 3.2 98 | | 2311 | 3.0 91 |
| **10** M | 0522 | −0.4 −12 | **25** Tu | 0553 | 0.1 3 |
| | 1102 | 2.6 79 | | 1141 | 2.2 67 |
| | 1724 | −0.2 −6 | | 1746 | 0.5 15 |
| | 2323 | 3.2 98 | | 2355 | 2.8 85 |
| **11** Tu | 0617 | −0.4 −12 | **26** W | 0639 | 0.2 6 |
| | 1151 | 2.5 76 | | 1227 | 2.1 64 |
| | 1815 | 0.0 0 | | 1831 | 0.7 21 |
| **12** W | 0015 | 3.2 98 | **27** Th | 0042 | 2.7 82 |
| | 0716 | −0.2 −6 | | 0730 | 0.4 12 |
| | 1244 | 2.3 70 | | 1317 | 2.0 61 |
| | 1913 | 0.1 3 | | 1925 | 0.8 24 |
| **13** Th | 0113 | 3.1 94 | **28** F | 0135 | 2.5 76 |
| | 0819 | −0.1 −3 | | 0823 | 0.5 15 |
| | 1345 | 2.1 64 | | 1414 | 2.0 61 |
| | 2018 | 0.2 6 | | 2024 | 0.8 24 |
| **14** F | 0221 | 2.9 88 | **29** Sa | 0236 | 2.4 73 |
| | 0922 | 0.0 0 | | 0918 | 0.5 15 |
| | 1454 | 2.1 64 | | 1518 | 2.0 61 |
| ◐ | 2125 | 0.3 9 | ◑ | 2124 | 0.8 24 |
| **15** Sa | 0337 | 2.8 85 | **30** Su | 0341 | 2.4 73 |
| | 1024 | 0.0 0 | | 1011 | 0.5 15 |
| | 1609 | 2.1 64 | | 1621 | 2.0 61 |
| | 2233 | 0.3 9 | | 2222 | 0.8 24 |
| | | | **31** M | 0442 | 2.4 73 |
| | | | | 1102 | 0.4 12 |
| | | | | 1716 | 2.2 67 |
| | | | | 2317 | 0.6 18 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# New London, Connecticut, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0533 | 2.5 | 76 | **16** W | 0027 | 0.2 | 6 |
| | 1151 | 0.3 | 9 | | 0626 | 2.6 | 79 |
| | 1801 | 2.4 | 73 | | 1243 | 0.2 | 6 |
| | | | | | 1841 | 2.9 | 88 |
| **2** W | 0010 | 0.4 | 12 | **17** Th | 0120 | 0.1 | 3 |
| | 0618 | 2.6 | 79 | | 0709 | 2.5 | 76 |
| | 1236 | 0.2 | 6 | | 1328 | 0.2 | 6 |
| | 1841 | 2.6 | 79 | | 1922 | 3.0 | 91 |
| **3** Th | 0101 | 0.2 | 6 | **18** F | 0207 | 0.1 | 3 |
| | 0659 | 2.7 | 82 | | 0750 | 2.5 | 76 |
| | 1320 | 0.0 | 0 | | 1409 | 0.3 | 9 |
| | 1919 | 2.9 | 88 | | 2001 | 3.1 | 94 |
| **4** F | 0149 | −0.1 | −3 | **19** Sa | 0249 | 0.0 | 0 |
| | 0740 | 2.8 | 85 | | 0829 | 2.4 | 73 |
| | 1402 | −0.1 | −3 | | 1447 | 0.3 | 9 |
| | 1958 | 3.2 | 98 | | 2039 | 3.2 | 98 |
| **5** Sa | 0237 | −0.3 | −9 | **20** Su | 0328 | 0.0 | 0 |
| | 0822 | 2.8 | 85 | | 0909 | 2.4 | 73 |
| | 1444 | −0.2 | −6 | | 1523 | 0.4 | 12 |
| ● | 2039 | 3.4 | 104 | ○ | 2119 | 3.2 | 98 |
| **6** Su | 0325 | −0.5 | −15 | **21** M | 0407 | 0.0 | 0 |
| | 0907 | 2.8 | 85 | | 0951 | 2.4 | 73 |
| | 1527 | −0.2 | −6 | | 1559 | 0.5 | 15 |
| | 2123 | 3.5 | 107 | | 2200 | 3.1 | 94 |
| **7** M | 0414 | −0.5 | −15 | **22** Tu | 0445 | 0.1 | 3 |
| | 0954 | 2.7 | 82 | | 1034 | 2.3 | 70 |
| | 1612 | −0.1 | −3 | | 1636 | 0.6 | 18 |
| | 2211 | 3.6 | 110 | | 2243 | 3.0 | 91 |
| **8** Tu | 0505 | −0.5 | −15 | **23** W | 0525 | 0.2 | 6 |
| | 1044 | 2.6 | 79 | | 1118 | 2.3 | 70 |
| | 1701 | −0.1 | −3 | | 1716 | 0.7 | 21 |
| | 2303 | 3.5 | 107 | | 2327 | 2.9 | 88 |
| **9** W | 0600 | −0.4 | −12 | **24** Th | 0609 | 0.3 | 9 |
| | 1136 | 2.5 | 76 | | 1204 | 2.3 | 70 |
| | 1756 | 0.1 | 3 | | 1802 | 0.8 | 24 |
| | 2359 | 3.4 | 104 | | | | |
| **10** Th | 0658 | −0.2 | −6 | **25** F | 0013 | 2.8 | 85 |
| | 1233 | 2.4 | 73 | | 0656 | 0.4 | 12 |
| | 1859 | 0.2 | 6 | | 1253 | 2.2 | 67 |
| | | | | | 1855 | 0.9 | 27 |
| **11** F | 0100 | 3.2 | 98 | **26** Sa | 0102 | 2.6 | 79 |
| | 0800 | −0.1 | −3 | | 0747 | 0.4 | 12 |
| | 1334 | 2.4 | 73 | | 1345 | 2.2 | 67 |
| | 2006 | 0.3 | 9 | | 1952 | 0.9 | 27 |
| **12** Sa | 0207 | 2.9 | 88 | **27** Su | 0155 | 2.5 | 76 |
| | 0901 | 0.1 | 3 | | 0839 | 0.5 | 15 |
| | 1443 | 2.3 | 70 | | 1442 | 2.2 | 67 |
| ◐ | 2115 | 0.4 | 12 | | 2051 | 0.9 | 27 |
| **13** Su | 0321 | 2.8 | 85 | **28** M | 0253 | 2.5 | 76 |
| | 1002 | 0.1 | 3 | | 0929 | 0.5 | 15 |
| | 1556 | 2.4 | 73 | | 1540 | 2.3 | 70 |
| | 2222 | 0.4 | 12 | ◑ | 2148 | 0.8 | 24 |
| **14** M | 0433 | 2.7 | 82 | **29** Tu | 0351 | 2.5 | 76 |
| | 1059 | 0.2 | 6 | | 1018 | 0.4 | 12 |
| | 1702 | 2.5 | 76 | | 1633 | 2.5 | 76 |
| | 2327 | 0.3 | 9 | | 2244 | 0.6 | 18 |
| **15** Tu | 0535 | 2.6 | 79 | **30** W | 0446 | 2.5 | 76 |
| | 1154 | 0.2 | 6 | | 1105 | 0.3 | 9 |
| | 1756 | 2.7 | 82 | | 1719 | 2.7 | 82 |
| | | | | | 2339 | 0.4 | 12 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Th | 0536 | 2.6 | 79 | **16** F | 0100 | 0.3 | 9 |
| | 1152 | 0.3 | 9 | | 0643 | 2.3 | 70 |
| | 1801 | 3.0 | 91 | | 1254 | 0.5 | 15 |
| | | | | | 1855 | 3.1 | 94 |
| **2** F | 0033 | 0.2 | 6 | **17** Sa | 0147 | 0.2 | 6 |
| | 0622 | 2.6 | 79 | | 0725 | 2.3 | 70 |
| | 1238 | 0.2 | 6 | | 1337 | 0.6 | 18 |
| | 1843 | 3.3 | 101 | | 1935 | 3.2 | 98 |
| **3** Sa | 0126 | −0.1 | −3 | **18** Su | 0228 | 0.2 | 6 |
| | 0707 | 2.7 | 82 | | 0805 | 2.3 | 70 |
| | 1325 | 0.1 | 3 | | 1417 | 0.6 | 18 |
| | 1925 | 3.5 | 107 | | 2014 | 3.2 | 98 |
| **4** Su | 0217 | −0.3 | −9 | **19** M | 0306 | 0.2 | 6 |
| | 0753 | 2.7 | 82 | | 0846 | 2.3 | 70 |
| | 1412 | 0.0 | 0 | | 1455 | 0.6 | 18 |
| | 2010 | 3.7 | 113 | ○ | 2055 | 3.2 | 98 |
| **5** M | 0307 | −0.5 | −15 | **20** Tu | 0344 | 0.1 | 3 |
| | 0842 | 2.7 | 82 | | 0929 | 2.3 | 70 |
| | 1501 | 0.0 | 0 | | 1534 | 0.7 | 21 |
| ● | 2059 | 3.8 | 116 | | 2137 | 3.1 | 94 |
| **6** Tu | 0357 | −0.5 | −15 | **21** W | 0421 | 0.2 | 6 |
| | 0933 | 2.7 | 82 | | 1013 | 2.4 | 73 |
| | 1551 | 0.0 | 0 | | 1613 | 0.7 | 21 |
| | 2152 | 3.8 | 116 | | 2220 | 3.1 | 94 |
| **7** W | 0449 | −0.5 | −15 | **22** Th | 0500 | 0.2 | 6 |
| | 1026 | 2.7 | 82 | | 1058 | 2.4 | 73 |
| | 1644 | 0.0 | 0 | | 1654 | 0.7 | 21 |
| | 2248 | 3.7 | 113 | | 2304 | 3.0 | 91 |
| **8** Th | 0543 | −0.3 | −9 | **23** F | 0542 | 0.3 | 9 |
| | 1122 | 2.7 | 82 | | 1144 | 2.4 | 73 |
| | 1742 | 0.1 | 3 | | 1739 | 0.8 | 24 |
| | 2346 | 3.5 | 107 | | 2348 | 2.9 | 88 |
| **9** F | 0639 | −0.2 | −6 | **24** Sa | 0627 | 0.3 | 9 |
| | 1221 | 2.6 | 79 | | 1230 | 2.4 | 73 |
| | 1846 | 0.3 | 9 | | 1829 | 0.9 | 27 |
| **10** Sa | 0046 | 3.2 | 98 | **25** Su | 0031 | 2.8 | 85 |
| | 0738 | 0.0 | 0 | | 0714 | 0.4 | 12 |
| | 1322 | 2.6 | 79 | | 1317 | 2.4 | 73 |
| | 1953 | 0.4 | 12 | | 1924 | 0.9 | 27 |
| **11** Su | 0149 | 3.0 | 91 | **26** M | 0116 | 2.7 | 82 |
| | 0837 | 0.1 | 3 | | 0801 | 0.4 | 12 |
| | 1427 | 2.6 | 79 | | 1405 | 2.4 | 73 |
| ◐ | 2100 | 0.5 | 15 | | 2021 | 0.8 | 24 |
| **12** M | 0256 | 2.7 | 82 | **27** Tu | 0205 | 2.6 | 79 |
| | 0934 | 0.2 | 6 | | 0849 | 0.4 | 12 |
| | 1534 | 2.7 | 82 | | 1456 | 2.5 | 76 |
| | 2206 | 0.5 | 15 | ◑ | 2118 | 0.7 | 21 |
| **13** Tu | 0403 | 2.6 | 79 | **28** W | 0300 | 2.5 | 76 |
| | 1028 | 0.3 | 9 | | 0935 | 0.4 | 12 |
| | 1636 | 2.8 | 85 | | 1546 | 2.7 | 82 |
| | 2308 | 0.4 | 12 | | 2215 | 0.6 | 18 |
| **14** W | 0505 | 2.4 | 73 | **29** Th | 0358 | 2.5 | 76 |
| | 1120 | 0.4 | 12 | | 1022 | 0.4 | 12 |
| | 1729 | 2.9 | 88 | | 1636 | 3.0 | 91 |
| | | | | | 2312 | 0.4 | 12 |
| **15** Th | 0007 | 0.4 | 12 | **30** F | 0454 | 2.5 | 76 |
| | 0557 | 2.4 | 73 | | 1110 | 0.3 | 9 |
| | 1209 | 0.4 | 12 | | 1724 | 3.2 | 98 |
| | 1815 | 3.0 | 91 | | | | |
| | | | | **31** Sa | 0008 | 0.1 | 3 |
| | | | | | 0547 | 2.5 | 76 |
| | | | | | 1201 | 0.3 | 9 |
| | | | | | 1811 | 3.5 | 107 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Su | 0104 | −0.1 | −3 | **16** M | 0203 | 0.3 | 9 |
| | 0638 | 2.6 | 79 | | 0741 | 2.2 | 67 |
| | 1253 | 0.2 | 6 | | 1350 | 0.8 | 24 |
| | 1859 | 3.7 | 113 | | 1952 | 3.1 | 94 |
| **2** M | 0157 | −0.3 | −9 | **17** Tu | 0242 | 0.3 | 9 |
| | 0728 | 2.6 | 79 | | 0824 | 2.3 | 70 |
| | 1347 | 0.1 | 3 | | 1431 | 0.7 | 21 |
| | 1949 | 3.8 | 116 | | 2035 | 3.1 | 94 |
| **3** Tu | 0249 | −0.4 | −12 | **18** W | 0320 | 0.2 | 6 |
| | 0820 | 2.7 | 82 | | 0907 | 2.3 | 70 |
| | 1441 | 0.0 | 0 | | 1511 | 0.7 | 21 |
| ● | 2042 | 3.9 | 119 | ○ | 2117 | 3.1 | 94 |
| **4** W | 0340 | −0.4 | −12 | **19** Th | 0357 | 0.2 | 6 |
| | 0913 | 2.7 | 82 | | 0952 | 2.4 | 73 |
| | 1535 | 0.0 | 0 | | 1551 | 0.7 | 21 |
| | 2137 | 3.8 | 116 | | 2200 | 3.1 | 94 |
| **5** Th | 0431 | −0.4 | −12 | **20** F | 0435 | 0.2 | 6 |
| | 1009 | 2.8 | 85 | | 1036 | 2.4 | 73 |
| | 1630 | 0.0 | 0 | | 1633 | 0.7 | 21 |
| | 2234 | 3.6 | 110 | | 2241 | 3.0 | 91 |
| **6** F | 0523 | −0.3 | −9 | **21** Sa | 0515 | 0.2 | 6 |
| | 1107 | 2.8 | 85 | | 1120 | 2.5 | 76 |
| | 1728 | 0.1 | 3 | | 1716 | 0.7 | 21 |
| | 2331 | 3.4 | 104 | | 2321 | 3.0 | 91 |
| **7** Sa | 0617 | −0.2 | −6 | **22** Su | 0557 | 0.2 | 6 |
| | 1204 | 2.8 | 85 | | 1203 | 2.5 | 76 |
| | 1830 | 0.3 | 9 | | 1805 | 0.7 | 21 |
| **8** Su | 0027 | 3.2 | 98 | **23** M | 0001 | 2.9 | 88 |
| | 0712 | 0.0 | 0 | | 0640 | 0.2 | 6 |
| | 1302 | 2.8 | 85 | | 1244 | 2.6 | 79 |
| | 1934 | 0.4 | 12 | | 1857 | 0.7 | 21 |
| **9** M | 0124 | 2.9 | 88 | **24** Tu | 0042 | 2.8 | 85 |
| | 0806 | 0.1 | 3 | | 0724 | 0.3 | 9 |
| | 1402 | 2.9 | 88 | | 1327 | 2.7 | 82 |
| | 2039 | 0.5 | 15 | | 1954 | 0.7 | 21 |
| **10** Tu | 0223 | 2.6 | 79 | **25** W | 0126 | 2.7 | 82 |
| | 0900 | 0.3 | 9 | | 0810 | 0.3 | 9 |
| | 1502 | 2.9 | 88 | | 1412 | 2.8 | 85 |
| ◐ | 2142 | 0.5 | 15 | | 2051 | 0.6 | 18 |
| **11** W | 0325 | 2.4 | 73 | **26** Th | 0218 | 2.5 | 76 |
| | 0952 | 0.4 | 12 | | 0856 | 0.4 | 12 |
| | 1601 | 2.9 | 88 | | 1503 | 3.0 | 91 |
| | 2243 | 0.5 | 15 | ◑ | 2150 | 0.4 | 12 |
| **12** Th | 0427 | 2.2 | 67 | **27** F | 0317 | 2.4 | 73 |
| | 1042 | 0.5 | 15 | | 0945 | 0.4 | 12 |
| | 1655 | 3.0 | 91 | | 1558 | 3.2 | 98 |
| | 2341 | 0.5 | 15 | | 2248 | 0.3 | 9 |
| **13** F | 0524 | 2.2 | 67 | **28** Sa | 0419 | 2.4 | 73 |
| | 1131 | 0.6 | 18 | | 1037 | 0.4 | 12 |
| | 1744 | 3.1 | 94 | | 1653 | 3.4 | 104 |
| | | | | | 2346 | 0.1 | 3 |
| **14** Sa | 0034 | 0.4 | 12 | **29** Su | 0519 | 2.4 | 73 |
| | 0614 | 2.1 | 64 | | 1133 | 0.3 | 9 |
| | 1219 | 0.7 | 21 | | 1748 | 3.6 | 110 |
| | 1828 | 3.1 | 94 | | | | |
| **15** Su | 0121 | 0.4 | 12 | **30** M | 0044 | 0.0 | 0 |
| | 0659 | 2.2 | 67 | | 0615 | 2.4 | 73 |
| | 1306 | 0.8 | 24 | | 1231 | 0.2 | 6 |
| | 1910 | 3.1 | 94 | | 1842 | 3.7 | 113 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# New London, Connecticut, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 0139 | −0.2 / −6 | **16** W | 0214 | 0.4 / 12 |
| | 0708 | 2.5 / 76 | | 0800 | 2.3 / 70 |
| | 1330 | 0.1 / 3 | | 1407 | 0.7 / 21 |
| | 1935 | 3.8 / 116 | | 2014 | 3.1 / 94 |
| **2** W | 0232 | −0.3 / −9 | **17** Th | 0252 | 0.3 / 9 |
| | 0802 | 2.6 / 79 | | 0843 | 2.4 / 73 |
| | 1427 | 0.0 / 0 | | 1449 | 0.6 / 18 |
| ● | 2029 | 3.7 / 113 | | 2055 | 3.1 / 94 |
| **3** Th | 0322 | −0.3 / −9 | **18** F | 0329 | 0.2 / 6 |
| | 0856 | 2.8 / 85 | | 0926 | 2.5 / 76 |
| | 1522 | 0.0 / 0 | | 1529 | 0.6 / 18 |
| | 2123 | 3.7 / 113 | ○ | 2135 | 3.1 / 94 |
| **4** F | 0412 | −0.3 / −9 | **19** Sa | 0406 | 0.1 / 3 |
| | 0952 | 2.9 / 88 | | 1008 | 2.6 / 79 |
| | 1617 | 0.0 / 0 | | 1610 | 0.5 / 15 |
| | 2217 | 3.5 / 107 | | 2214 | 3.1 / 94 |
| **5** Sa | 0501 | −0.3 / −9 | **20** Su | 0444 | 0.1 / 3 |
| | 1047 | 2.9 / 88 | | 1049 | 2.7 / 82 |
| | 1712 | 0.1 / 3 | | 1654 | 0.5 / 15 |
| | 2310 | 3.3 / 101 | | 2252 | 3.0 / 91 |
| **6** Su | 0550 | −0.1 / −3 | **21** M | 0523 | 0.1 / 3 |
| | 1142 | 3.0 / 91 | | 1128 | 2.8 / 85 |
| | 1810 | 0.2 / 6 | | 1741 | 0.5 / 15 |
| | | | | 2331 | 2.9 / 88 |
| **7** M | 0002 | 3.1 / 94 | **22** Tu | 0604 | 0.2 / 6 |
| | 0640 | 0.0 / 0 | | 1207 | 2.9 / 88 |
| | 1235 | 3.0 / 91 | | 1833 | 0.5 / 15 |
| | 1910 | 0.4 / 12 | | | |
| **8** Tu | 0053 | 2.8 / 85 | **23** W | 0012 | 2.8 / 85 |
| | 0731 | 0.2 / 6 | | 0647 | 0.2 / 6 |
| | 1329 | 3.0 / 91 | | 1248 | 3.0 / 91 |
| | 2011 | 0.5 / 15 | | 1930 | 0.5 / 15 |
| **9** W | 0147 | 2.5 / 76 | **24** Th | 0056 | 2.6 / 79 |
| | 0822 | 0.4 / 12 | | 0734 | 0.3 / 9 |
| | 1424 | 3.0 / 91 | | 1334 | 3.1 / 94 |
| ◐ | 2112 | 0.6 / 18 | | 2028 | 0.4 / 12 |
| **10** Th | 0244 | 2.3 / 70 | **25** F | 0148 | 2.5 / 76 |
| | 0913 | 0.6 / 18 | | 0824 | 0.4 / 12 |
| | 1521 | 3.0 / 91 | | 1428 | 3.2 / 98 |
| | 2210 | 0.6 / 18 | ◑ | 2128 | 0.3 / 9 |
| **11** F | 0346 | 2.1 / 64 | **26** Sa | 0248 | 2.3 / 70 |
| | 1003 | 0.7 / 21 | | 0918 | 0.4 / 12 |
| | 1618 | 3.0 / 91 | | 1529 | 3.3 / 101 |
| | 2307 | 0.6 / 18 | | 2228 | 0.3 / 9 |
| **12** Sa | 0448 | 2.0 / 61 | **27** Su | 0355 | 2.3 / 70 |
| | 1055 | 0.8 / 24 | | 1016 | 0.4 / 12 |
| | 1712 | 3.0 / 91 | | 1634 | 3.4 / 104 |
| | | | | 2328 | 0.2 / 6 |
| **13** Su | 0001 | 0.6 / 18 | **28** M | 0500 | 2.3 / 70 |
| | 0543 | 2.1 / 64 | | 1117 | 0.4 / 12 |
| | 1146 | 0.9 / 27 | | 1735 | 3.5 / 107 |
| | 1802 | 3.0 / 91 | | | |
| **14** M | 0050 | 0.5 / 15 | **29** Tu | 0027 | 0.1 / 3 |
| | 0632 | 2.1 / 64 | | 0559 | 2.4 / 73 |
| | 1237 | 0.8 / 24 | | 1219 | 0.3 / 9 |
| | 1848 | 3.0 / 91 | | 1832 | 3.5 / 107 |
| **15** Tu | 0134 | 0.5 / 15 | **30** W | 0122 | 0.0 / 0 |
| | 0717 | 2.2 / 67 | | 0654 | 2.6 / 79 |
| | 1324 | 0.8 / 24 | | 1319 | 0.2 / 6 |
| | 1932 | 3.0 / 91 | | 1925 | 3.6 / 110 |
| | | | **31** Th | 0214 | −0.1 / −3 |
| | | | | 0747 | 2.7 / 82 |
| | | | | 1416 | 0.0 / 0 |
| | | | | 2016 | 3.6 / 110 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** F | 0302 | −0.2 / −6 | **16** Sa | 0256 | 0.2 / 6 |
| | 0839 | 2.9 / 88 | | 0854 | 2.7 / 82 |
| | 1510 | 0.0 / 0 | | 1505 | 0.4 / 12 |
| ● | 2107 | 3.5 / 107 | ○ | 2105 | 3.1 / 94 |
| **2** Sa | 0349 | −0.2 / −6 | **17** Su | 0333 | 0.1 / 3 |
| | 0931 | 3.0 / 91 | | 0932 | 2.8 / 85 |
| | 1602 | 0.0 / 0 | | 1547 | 0.3 / 9 |
| | 2156 | 3.3 / 101 | | 2142 | 3.1 / 94 |
| **3** Su | 0434 | −0.2 / −6 | **18** M | 0410 | 0.1 / 3 |
| | 1023 | 3.1 / 94 | | 1010 | 3.0 / 91 |
| | 1653 | 0.1 / 3 | | 1631 | 0.3 / 9 |
| | 2244 | 3.1 / 94 | | 2221 | 3.0 / 91 |
| **4** M | 0519 | 0.0 / 0 | **19** Tu | 0448 | 0.1 / 3 |
| | 1113 | 3.2 / 98 | | 1049 | 3.1 / 94 |
| | 1746 | 0.2 / 6 | | 1719 | 0.2 / 6 |
| | 2332 | 2.9 / 88 | | 2302 | 2.9 / 88 |
| **5** Tu | 0604 | 0.2 / 6 | **20** W | 0529 | 0.2 / 6 |
| | 1202 | 3.2 / 98 | | 1130 | 3.2 / 98 |
| | 1841 | 0.4 / 12 | | 1811 | 0.2 / 6 |
| | | | | 2346 | 2.7 / 82 |
| **6** W | 0021 | 2.7 / 82 | **21** Th | 0613 | 0.3 / 9 |
| | 0651 | 0.4 / 12 | | 1214 | 3.2 / 98 |
| | 1252 | 3.1 / 94 | | 1908 | 0.3 / 9 |
| | 1938 | 0.5 / 15 | | | |
| **7** Th | 0111 | 2.4 / 73 | **22** F | 0033 | 2.6 / 79 |
| | 0740 | 0.6 / 18 | | 0703 | 0.4 / 12 |
| | 1343 | 3.0 / 91 | | 1305 | 3.3 / 101 |
| | 2036 | 0.6 / 18 | | 2008 | 0.3 / 9 |
| **8** F | 0206 | 2.2 / 67 | **23** Sa | 0128 | 2.4 / 73 |
| | 0832 | 0.7 / 21 | | 0800 | 0.5 / 15 |
| | 1439 | 2.9 / 88 | | 1404 | 3.2 / 98 |
| ◐ | 2133 | 0.7 / 21 | ◑ | 2110 | 0.3 / 9 |
| **9** Sa | 0307 | 2.1 / 64 | **24** Su | 0231 | 2.3 / 70 |
| | 0926 | 0.9 / 27 | | 0902 | 0.5 / 15 |
| | 1540 | 2.8 / 85 | | 1512 | 3.2 / 98 |
| | 2229 | 0.7 / 21 | | 2211 | 0.3 / 9 |
| **10** Su | 0412 | 2.0 / 61 | **25** M | 0341 | 2.3 / 70 |
| | 1020 | 0.9 / 27 | | 1005 | 0.5 / 15 |
| | 1641 | 2.8 / 85 | | 1623 | 3.3 / 101 |
| | 2323 | 0.7 / 21 | | 2311 | 0.2 / 6 |
| **11** M | 0513 | 2.1 / 64 | **26** Tu | 0450 | 2.4 / 73 |
| | 1115 | 0.9 / 27 | | 1109 | 0.4 / 12 |
| | 1737 | 2.8 / 85 | | 1728 | 3.3 / 101 |
| **12** Tu | 0013 | 0.6 / 18 | **27** W | 0009 | 0.2 / 6 |
| | 0605 | 2.2 / 67 | | 0550 | 2.5 / 76 |
| | 1208 | 0.9 / 27 | | 1212 | 0.3 / 9 |
| | 1825 | 2.9 / 88 | | 1824 | 3.3 / 101 |
| **13** W | 0059 | 0.6 / 18 | **28** Th | 0103 | 0.1 / 3 |
| | 0652 | 2.3 / 70 | | 0644 | 2.7 / 82 |
| | 1257 | 0.8 / 24 | | 1311 | 0.2 / 6 |
| | 1909 | 3.0 / 91 | | 1914 | 3.4 / 104 |
| **14** Th | 0140 | 0.4 / 12 | **29** F | 0153 | 0.0 / 0 |
| | 0734 | 2.4 / 73 | | 0734 | 2.9 / 88 |
| | 1341 | 0.7 / 21 | | 1406 | 0.1 / 3 |
| | 1949 | 3.0 / 91 | | 2001 | 3.3 / 101 |
| **15** F | 0219 | 0.3 / 9 | **30** Sa | 0239 | −0.1 / −3 |
| | 0815 | 2.6 / 79 | | 0821 | 3.1 / 94 |
| | 1423 | 0.5 / 15 | | 1457 | 0.0 / 0 |
| | 2027 | 3.1 / 94 | ● | 2047 | 3.2 / 98 |
| | | | **31** Su | 0322 | 0.0 / 0 |
| | | | | 0908 | 3.2 / 98 |
| | | | | 1545 | 0.0 / 0 |
| | | | | 2132 | 3.1 / 94 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0404 | 0.0 / 0 | **16** Tu | 0334 | 0.1 / 3 |
| | 0954 | 3.3 / 101 | | 0931 | 3.3 / 101 |
| | 1633 | 0.1 / 3 | | 1609 | 0.0 / 0 |
| | 2217 | 2.9 / 88 | | 2151 | 2.9 / 88 |
| **2** Tu | 0445 | 0.2 / 6 | **17** W | 0414 | 0.1 / 3 |
| | 1040 | 3.3 / 101 | | 1012 | 3.4 / 104 |
| | 1720 | 0.2 / 6 | | 1658 | 0.0 / 0 |
| | 2302 | 2.7 / 82 | | 2236 | 2.8 / 85 |
| **3** W | 0526 | 0.4 / 12 | **18** Th | 0457 | 0.2 / 6 |
| | 1126 | 3.2 / 98 | | 1057 | 3.5 / 107 |
| | 1810 | 0.4 / 12 | | 1751 | 0.0 / 0 |
| | 2349 | 2.5 / 76 | | 2324 | 2.7 / 82 |
| **4** Th | 0610 | 0.6 / 18 | **19** F | 0545 | 0.3 / 9 |
| | 1213 | 3.1 / 94 | | 1148 | 3.5 / 107 |
| | 1902 | 0.5 / 15 | | 1848 | 0.1 / 3 |
| **5** F | 0038 | 2.4 / 73 | **20** Sa | 0016 | 2.6 / 79 |
| | 0658 | 0.8 / 24 | | 0641 | 0.4 / 12 |
| | 1304 | 3.0 / 91 | | 1244 | 3.4 / 104 |
| | 1957 | 0.6 / 18 | | 1950 | 0.2 / 6 |
| **6** Sa | 0132 | 2.2 / 67 | **21** Su | 0114 | 2.4 / 73 |
| | 0752 | 0.9 / 27 | | 0745 | 0.5 / 15 |
| | 1400 | 2.8 / 85 | | 1349 | 3.2 / 98 |
| | 2053 | 0.7 / 21 | | 2052 | 0.3 / 9 |
| **7** Su | 0232 | 2.1 / 64 | **22** M | 0220 | 2.4 / 73 |
| | 0850 | 1.0 / 30 | | 0852 | 0.5 / 15 |
| | 1503 | 2.7 / 82 | | 1501 | 3.1 / 94 |
| ◐ | 2148 | 0.8 / 24 | ◑ | 2154 | 0.3 / 9 |
| **8** M | 0338 | 2.1 / 64 | **23** Tu | 0333 | 2.4 / 73 |
| | 0948 | 1.0 / 30 | | 0959 | 0.5 / 15 |
| | 1608 | 2.7 / 82 | | 1615 | 3.1 / 94 |
| | 2242 | 0.8 / 24 | | 2253 | 0.3 / 9 |
| **9** Tu | 0442 | 2.2 / 67 | **24** W | 0443 | 2.5 / 76 |
| | 1045 | 1.0 / 30 | | 1104 | 0.4 / 12 |
| | 1707 | 2.7 / 82 | | 1719 | 3.1 / 94 |
| | 2332 | 0.7 / 21 | | 2349 | 0.2 / 6 |
| **10** W | 0537 | 2.3 / 70 | **25** Th | 0542 | 2.7 / 82 |
| | 1137 | 0.9 / 27 | | 1205 | 0.3 / 9 |
| | 1756 | 2.8 / 85 | | 1813 | 3.1 / 94 |
| **11** Th | 0018 | 0.6 / 18 | **26** F | 0041 | 0.1 / 3 |
| | 0623 | 2.5 / 76 | | 0632 | 2.9 / 88 |
| | 1227 | 0.7 / 21 | | 1302 | 0.2 / 6 |
| | 1839 | 2.9 / 88 | | 1900 | 3.1 / 94 |
| **12** F | 0100 | 0.4 / 12 | **27** Sa | 0129 | 0.1 / 3 |
| | 0703 | 2.6 / 79 | | 0718 | 3.1 / 94 |
| | 1312 | 0.6 / 18 | | 1355 | 0.1 / 3 |
| | 1918 | 3.0 / 91 | | 1943 | 3.0 / 91 |
| **13** Sa | 0140 | 0.3 / 9 | **28** Su | 0213 | 0.1 / 3 |
| | 0741 | 2.8 / 85 | | 0801 | 3.3 / 101 |
| | 1356 | 0.4 / 12 | | 1442 | 0.1 / 3 |
| | 1955 | 3.0 / 91 | | 2025 | 2.9 / 88 |
| **14** Su | 0218 | 0.2 / 6 | **29** M | 0254 | 0.2 / 6 |
| | 0817 | 3.0 / 91 | | 0842 | 3.3 / 101 |
| | 1440 | 0.2 / 6 | | 1527 | 0.0 / 0 |
| | 2032 | 3.1 / 94 | ● | 2107 | 2.8 / 85 |
| **15** M | 0256 | 0.1 / 3 | **30** Tu | 0333 | 0.2 / 6 |
| | 0853 | 3.2 / 98 | | 0924 | 3.4 / 104 |
| | 1524 | 0.1 / 3 | | 1611 | 0.1 / 3 |
| ○ | 2110 | 3.0 / 91 | | 2150 | 2.7 / 82 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# New London, Connecticut, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 W | 0411 | 0.4 | 12 | 16 Th | 0344 | 0.1 | 3 |
| | 1007 | 3.3 | 101 | | 0943 | 3.7 | 113 |
| | 1654 | 0.2 | 6 | | 1639 | −0.2 | −6 |
| | 2234 | 2.6 | 79 | | 2213 | 2.7 | 82 |
| 2 Th | 0450 | 0.5 | 15 | 17 F | 0432 | 0.1 | 3 |
| | 1052 | 3.2 | 98 | | 1034 | 3.6 | 110 |
| | 1738 | 0.3 | 9 | | 1732 | −0.2 | −6 |
| | 2320 | 2.4 | 73 | | 2305 | 2.6 | 79 |
| 3 F | 0531 | 0.7 | 21 | 18 Sa | 0525 | 0.2 | 6 |
| | 1138 | 3.1 | 94 | | 1129 | 3.5 | 107 |
| | 1826 | 0.5 | 15 | | 1829 | 0.0 | 0 |
| 4 Sa | 0009 | 2.3 | 70 | 19 Su | 0001 | 2.5 | 76 |
| | 0619 | 0.9 | 27 | | 0625 | 0.3 | 9 |
| | 1229 | 2.9 | 88 | | 1230 | 3.4 | 104 |
| | 1918 | 0.6 | 18 | | 1930 | 0.1 | 3 |
| 5 Su | 0101 | 2.2 | 67 | 20 M | 0103 | 2.5 | 76 |
| | 0714 | 1.0 | 30 | | 0733 | 0.4 | 12 |
| | 1324 | 2.8 | 85 | | 1336 | 3.2 | 98 |
| | 2012 | 0.7 | 21 | | 2032 | 0.2 | 6 |
| 6 M | 0200 | 2.2 | 67 | 21 Tu ◑ | 0210 | 2.5 | 76 |
| | 0815 | 1.0 | 30 | | 0842 | 0.5 | 15 |
| | 1425 | 2.6 | 79 | | 1447 | 3.0 | 91 |
| | 2107 | 0.7 | 21 | | 2132 | 0.2 | 6 |
| 7 Tu ◐ | 0304 | 2.2 | 67 | 22 W | 0322 | 2.5 | 76 |
| | 0915 | 1.0 | 30 | | 0950 | 0.4 | 12 |
| | 1529 | 2.6 | 79 | | 1559 | 2.9 | 88 |
| | 2159 | 0.7 | 21 | | 2230 | 0.2 | 6 |
| 8 W | 0408 | 2.3 | 70 | 23 Th | 0430 | 2.7 | 82 |
| | 1011 | 1.0 | 30 | | 1054 | 0.4 | 12 |
| | 1628 | 2.6 | 79 | | 1702 | 2.8 | 85 |
| | 2248 | 0.6 | 18 | | 2324 | 0.2 | 6 |
| 9 Th | 0503 | 2.4 | 73 | 24 F | 0528 | 2.9 | 88 |
| | 1104 | 0.8 | 24 | | 1155 | 0.3 | 9 |
| | 1719 | 2.7 | 82 | | 1756 | 2.7 | 82 |
| | 2333 | 0.5 | 15 | | | | |
| 10 F | 0549 | 2.6 | 79 | 25 Sa | 0015 | 0.2 | 6 |
| | 1154 | 0.7 | 21 | | 0616 | 3.0 | 91 |
| | 1802 | 2.8 | 85 | | 1251 | 0.2 | 6 |
| | | | | | 1842 | 2.7 | 82 |
| 11 Sa | 0017 | 0.4 | 12 | 26 Su | 0101 | 0.2 | 6 |
| | 0628 | 2.8 | 85 | | 0659 | 3.2 | 98 |
| | 1242 | 0.5 | 15 | | 1341 | 0.1 | 3 |
| | 1842 | 2.8 | 85 | | 1923 | 2.6 | 79 |
| 12 Su | 0058 | 0.3 | 9 | 27 M | 0145 | 0.3 | 9 |
| | 0704 | 3.0 | 91 | | 0738 | 3.3 | 101 |
| | 1329 | 0.2 | 6 | | 1426 | 0.1 | 3 |
| | 1920 | 2.9 | 88 | | 2004 | 2.5 | 76 |
| 13 M | 0139 | 0.2 | 6 | 28 Tu ● | 0225 | 0.3 | 9 |
| | 0740 | 3.2 | 98 | | 0818 | 3.3 | 101 |
| | 1415 | 0.0 | 0 | | 1508 | 0.0 | 0 |
| | 1959 | 2.9 | 88 | | 2044 | 2.5 | 76 |
| 14 Tu ○ | 0219 | 0.1 | 3 | 29 W | 0304 | 0.4 | 12 |
| | 0817 | 3.4 | 104 | | 0858 | 3.3 | 101 |
| | 1501 | −0.1 | −3 | | 1549 | 0.1 | 3 |
| | 2040 | 2.9 | 88 | | 2126 | 2.4 | 73 |
| 15 W | 0301 | 0.1 | 3 | 30 Th | 0342 | 0.5 | 15 |
| | 0858 | 3.6 | 110 | | 0940 | 3.2 | 98 |
| | 1549 | −0.2 | −6 | | 1629 | 0.2 | 6 |
| | 2125 | 2.8 | 85 | | 2210 | 2.4 | 73 |
| | | | | 31 F | 0420 | 0.6 | 18 |
| | | | | | 1024 | 3.1 | 94 |
| | | | | | 1710 | 0.3 | 9 |
| | | | | | 2256 | 2.3 | 70 |

## November

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Sa | 0501 | 0.7 | 21 | 16 Su | 0510 | 0.0 | 0 |
| | 1110 | 3.0 | 91 | | 1115 | 3.5 | 107 |
| | 1754 | 0.4 | 12 | | 1810 | −0.2 | −6 |
| | 2344 | 2.3 | 70 | | 2347 | 2.6 | 79 |
| 2 Su | 0547 | 0.8 | 24 | 17 M | 0612 | 0.1 | 3 |
| | 1159 | 2.8 | 85 | | 1216 | 3.3 | 101 |
| | 1842 | 0.5 | 15 | | 1908 | −0.1 | −3 |
| 3 M | 0035 | 2.2 | 67 | 18 Tu | 0049 | 2.5 | 76 |
| | 0640 | 0.9 | 27 | | 0719 | 0.2 | 6 |
| | 1250 | 2.7 | 82 | | 1318 | 3.0 | 91 |
| | 1933 | 0.5 | 15 | | 2007 | 0.0 | 0 |
| 4 Tu | 0130 | 2.2 | 67 | 19 W | 0154 | 2.6 | 79 |
| | 0739 | 0.9 | 27 | | 0827 | 0.3 | 9 |
| | 1345 | 2.6 | 79 | | 1424 | 2.8 | 85 |
| | 2025 | 0.6 | 18 | ◑ | 2105 | 0.1 | 3 |
| 5 W ◐ | 0228 | 2.2 | 67 | 20 Th | 0302 | 2.6 | 79 |
| | 0838 | 0.9 | 27 | | 0934 | 0.3 | 9 |
| | 1442 | 2.5 | 76 | | 1531 | 2.6 | 79 |
| | 2115 | 0.5 | 15 | | 2201 | 0.1 | 3 |
| 6 Th | 0328 | 2.3 | 70 | 21 F | 0408 | 2.7 | 82 |
| | 0935 | 0.9 | 27 | | 1038 | 0.3 | 9 |
| | 1539 | 2.5 | 76 | | 1636 | 2.4 | 73 |
| | 2202 | 0.5 | 15 | | 2254 | 0.2 | 6 |
| 7 F | 0422 | 2.4 | 73 | 22 Sa | 0505 | 2.9 | 88 |
| | 1029 | 0.7 | 21 | | 1139 | 0.2 | 6 |
| | 1633 | 2.5 | 76 | | 1732 | 2.3 | 70 |
| | 2247 | 0.4 | 12 | | 2345 | 0.2 | 6 |
| 8 Sa | 0508 | 2.6 | 79 | 23 Su | 0554 | 3.0 | 91 |
| | 1121 | 0.5 | 15 | | 1235 | 0.2 | 6 |
| | 1720 | 2.5 | 76 | | 1821 | 2.3 | 70 |
| | 2331 | 0.3 | 9 | | | | |
| 9 Su | 0548 | 2.9 | 88 | 24 M | 0033 | 0.3 | 9 |
| | 1212 | 0.3 | 9 | | 0637 | 3.1 | 94 |
| | 1804 | 2.6 | 79 | | 1324 | 0.1 | 3 |
| | | | | | 1903 | 2.2 | 67 |
| 10 M | 0016 | 0.2 | 6 | 25 Tu | 0118 | 0.4 | 12 |
| | 0627 | 3.2 | 98 | | 0717 | 3.1 | 94 |
| | 1303 | 0.0 | 0 | | 1409 | 0.0 | 0 |
| | 1847 | 2.6 | 79 | | 1944 | 2.2 | 67 |
| 11 Tu | 0100 | 0.1 | 3 | 26 W | 0200 | 0.4 | 12 |
| | 0706 | 3.4 | 104 | | 0756 | 3.1 | 94 |
| | 1352 | −0.2 | −6 | | 1449 | 0.0 | 0 |
| | 1929 | 2.6 | 79 | | 2024 | 2.2 | 67 |
| 12 W | 0146 | 0.0 | 0 | 27 Th | 0240 | 0.4 | 12 |
| | 0747 | 3.6 | 110 | | 0837 | 3.1 | 94 |
| | 1441 | −0.4 | −12 | | 1527 | 0.0 | 0 |
| | 2014 | 2.7 | 82 | ● | 2106 | 2.2 | 67 |
| 13 Th ○ | 0233 | 0.0 | 0 | 28 F | 0319 | 0.5 | 15 |
| | 0833 | 3.7 | 113 | | 0919 | 3.0 | 91 |
| | 1530 | −0.4 | −12 | | 1605 | 0.1 | 3 |
| | 2102 | 2.6 | 79 | | 2149 | 2.2 | 67 |
| 14 F | 0322 | −0.1 | −3 | 29 Sa | 0358 | 0.5 | 15 |
| | 0923 | 3.7 | 113 | | 1003 | 2.9 | 88 |
| | 1621 | −0.4 | −12 | | 1644 | 0.1 | 3 |
| | 2153 | 2.6 | 79 | | 2235 | 2.2 | 67 |
| 15 Sa | 0414 | 0.0 | 0 | 30 Su | 0438 | 0.5 | 15 |
| | 1018 | 3.6 | 110 | | 1048 | 2.8 | 85 |
| | 1714 | −0.4 | −12 | | 1725 | 0.2 | 6 |
| | 2249 | 2.6 | 79 | | 2321 | 2.2 | 67 |

## December

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0522 | 0.6 | 18 | 16 Tu | 0557 | −0.1 | −3 |
| | 1133 | 2.7 | 82 | | 1157 | 3.1 | 94 |
| | 1808 | 0.2 | 6 | | 1841 | −0.3 | −9 |
| 2 Tu | 0009 | 2.2 | 67 | 17 W | 0029 | 2.7 | 82 |
| | 0611 | 0.7 | 21 | | 0701 | 0.0 | 0 |
| | 1218 | 2.6 | 79 | | 1254 | 2.8 | 85 |
| | 1855 | 0.3 | 9 | | 1937 | −0.2 | −6 |
| 3 W | 0058 | 2.2 | 67 | 18 Th | 0129 | 2.7 | 82 |
| | 0705 | 0.7 | 21 | | 0806 | 0.1 | 3 |
| | 1303 | 2.5 | 76 | | 1353 | 2.5 | 76 |
| | 1942 | 0.3 | 9 | | 2032 | 0.0 | 0 |
| 4 Th | 0148 | 2.2 | 67 | 19 F | 0231 | 2.7 | 82 |
| | 0802 | 0.7 | 21 | | 0912 | 0.2 | 6 |
| | 1351 | 2.4 | 73 | | 1455 | 2.2 | 67 |
| | 2029 | 0.3 | 9 | ◑ | 2127 | 0.1 | 3 |
| 5 F ◐ | 0240 | 2.3 | 70 | 20 Sa | 0333 | 2.7 | 82 |
| | 0858 | 0.6 | 18 | | 1015 | 0.2 | 6 |
| | 1444 | 2.3 | 70 | | 1601 | 2.1 | 64 |
| | 2115 | 0.3 | 9 | | 2221 | 0.2 | 6 |
| 6 Sa | 0331 | 2.5 | 76 | 21 Su | 0433 | 2.7 | 82 |
| | 0954 | 0.5 | 15 | | 1116 | 0.2 | 6 |
| | 1540 | 2.2 | 67 | | 1703 | 2.0 | 61 |
| | 2201 | 0.3 | 9 | | 2313 | 0.3 | 9 |
| 7 Su | 0420 | 2.7 | 82 | 22 M | 0527 | 2.8 | 85 |
| | 1050 | 0.3 | 9 | | 1213 | 0.2 | 6 |
| | 1636 | 2.2 | 67 | | 1757 | 1.9 | 58 |
| | 2248 | 0.2 | 6 | | | | |
| 8 M | 0507 | 2.9 | 88 | 23 Tu | 0005 | 0.4 | 12 |
| | 1144 | 0.1 | 3 | | 0614 | 2.8 | 85 |
| | 1727 | 2.3 | 70 | | 1303 | 0.1 | 3 |
| | 2337 | 0.1 | 3 | | 1843 | 1.9 | 58 |
| 9 Tu | 0552 | 3.1 | 94 | 24 W | 0053 | 0.4 | 12 |
| | 1239 | −0.1 | −3 | | 0657 | 2.8 | 85 |
| | 1816 | 2.3 | 70 | | 1348 | 0.1 | 3 |
| | | | | | 1925 | 2.0 | 61 |
| 10 W | 0028 | 0.0 | 0 | 25 Th | 0139 | 0.4 | 12 |
| | 0639 | 3.4 | 104 | | 0739 | 2.8 | 85 |
| | 1331 | −0.3 | −9 | | 1428 | 0.0 | 0 |
| | 1904 | 2.4 | 73 | | 2006 | 2.0 | 61 |
| 11 Th | 0121 | −0.1 | −3 | 26 F | 0221 | 0.4 | 12 |
| | 0726 | 3.5 | 107 | | 0821 | 2.8 | 85 |
| | 1423 | −0.5 | −15 | | 1505 | 0.0 | 0 |
| | 1952 | 2.5 | 76 | | 2048 | 2.1 | 64 |
| 12 F | 0213 | −0.2 | −6 | 27 Sa | 0300 | 0.3 | 9 |
| | 0817 | 3.6 | 110 | | 0903 | 2.8 | 85 |
| | 1513 | −0.6 | −18 | | 1542 | 0.0 | 0 |
| ○ | 2043 | 2.5 | 76 | ● | 2130 | 2.2 | 67 |
| 13 Sa | 0307 | −0.3 | −9 | 28 Su | 0339 | 0.3 | 9 |
| | 0910 | 3.6 | 110 | | 0945 | 2.8 | 85 |
| | 1603 | −0.6 | −18 | | 1619 | 0.0 | 0 |
| | 2137 | 2.6 | 79 | | 2214 | 2.2 | 67 |
| 14 Su | 0401 | −0.3 | −9 | 29 M | 0418 | 0.3 | 9 |
| | 1005 | 3.5 | 107 | | 1026 | 2.7 | 82 |
| | 1654 | −0.5 | −15 | | 1656 | 0.0 | 0 |
| | 2233 | 2.6 | 79 | | 2257 | 2.2 | 67 |
| 15 M | 0457 | −0.2 | −6 | 30 Tu | 0459 | 0.3 | 9 |
| | 1101 | 3.3 | 101 | | 1106 | 2.7 | 82 |
| | 1747 | −0.4 | −12 | | 1736 | 0.0 | 0 |
| | 2330 | 2.6 | 79 | | 2340 | 2.3 | 70 |
| | | | | 31 W | 0544 | 0.4 | 12 |
| | | | | | 1145 | 2.6 | 79 |
| | | | | | 1817 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bridgeport, Connecticut, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0530 | 6.5 198 | 16 W | 0446 | 7.0 213 |
| | 1200 | 0.7 21 | | 1124 | 0.1 3 |
| | 1802 | 5.5 168 | | 1725 | 5.9 180 |
| | | | | 2333 | 0.4 12 |
| 2 W | 0007 | 0.9 27 | 17 Th | 0548 | 7.0 213 |
| | 0623 | 6.4 195 | | 1230 | 0.0 0 |
| | 1255 | 0.6 18 | | 1830 | 5.9 180 |
| | 1858 | 5.5 168 | | | |
| 3 Th | 0059 | 1.0 30 | 18 F | 0037 | 0.4 12 |
| | 0715 | 6.5 198 | | 0652 | 7.1 216 |
| | 1347 | 0.5 15 | | 1334 | −0.1 −3 |
| | 1951 | 5.6 171 | | 1935 | 6.0 183 |
| 4 F | 0149 | 0.9 27 | 19 Sa | 0140 | 0.2 6 |
| | 0804 | 6.5 198 | | 0756 | 7.3 223 |
| | 1435 | 0.4 12 | | 1435 | −0.3 −9 |
| | 2040 | 5.7 174 | | 2036 | 6.2 189 |
| 5 Sa | 0238 | 0.8 24 | 20 Su | 0242 | 0.0 0 |
| | 0851 | 6.6 201 | | 0856 | 7.4 226 |
| | 1519 | 0.2 6 | | 1532 | −0.5 −15 |
| | 2125 | 5.9 180 | | 2133 | 6.5 198 |
| 6 Su | 0323 | 0.7 21 | 21 M | 0339 | −0.2 −6 |
| | 0935 | 6.7 204 | | 0952 | 7.6 232 |
| | 1601 | 0.0 0 | | 1624 | −0.7 −21 |
| | 2208 | 6.1 186 | | 2226 | 6.8 207 |
| 7 M | 0406 | 0.5 15 | 22 Tu ○ | 0433 | −0.4 −12 |
| | 1017 | 6.9 210 | | 1044 | 7.6 232 |
| | 1642 | −0.1 −3 | | 1713 | −0.8 −24 |
| | 2248 | 6.2 189 | | 2315 | 7.0 213 |
| 8 Tu ● | 0447 | 0.4 12 | 23 W | 0524 | −0.5 −15 |
| | 1057 | 7.0 213 | | 1133 | 7.5 229 |
| | 1721 | −0.2 −6 | | 1758 | −0.7 −21 |
| | 2327 | 6.4 195 | | | |
| 9 W | 0528 | 0.3 9 | 24 Th | 0002 | 7.1 216 |
| | 1136 | 7.0 213 | | 0613 | −0.4 −12 |
| | 1800 | −0.4 −12 | | 1220 | 7.3 223 |
| | | | | 1842 | −0.6 −18 |
| 10 Th | 0006 | 6.5 198 | 25 F | 0047 | 7.1 216 |
| | 0609 | 0.2 6 | | 0700 | −0.3 −9 |
| | 1215 | 7.1 216 | | 1306 | 7.0 213 |
| | 1839 | −0.4 −12 | | 1924 | −0.4 −12 |
| 11 F | 0045 | 6.6 201 | 26 Sa | 0131 | 7.0 213 |
| | 0651 | 0.1 3 | | 0747 | −0.1 −3 |
| | 1257 | 7.0 213 | | 1351 | 6.7 204 |
| | 1919 | −0.4 −12 | | 2006 | −0.1 −3 |
| 12 Sa | 0126 | 6.7 204 | 27 Su | 0215 | 6.9 210 |
| | 0737 | 0.1 3 | | 0834 | 0.1 3 |
| | 1341 | 6.9 210 | | 1438 | 6.3 192 |
| | 2001 | −0.3 −9 | | 2049 | 0.3 9 |
| 13 Su | 0209 | 6.8 207 | 28 M | 0301 | 6.7 204 |
| | 0826 | 0.1 3 | | 0924 | 0.4 12 |
| | 1429 | 6.7 204 | | 1527 | 5.9 180 |
| | 2047 | −0.2 −6 | | 2134 | 0.6 18 |
| 14 M | 0256 | 6.9 210 | 29 Tu | 0348 | 6.5 198 |
| | 0920 | 0.1 3 | | 1016 | 0.6 18 |
| | 1522 | 6.4 195 | | 1619 | 5.5 168 |
| | 2137 | 0.0 0 | | 2223 | 0.9 27 |
| 15 Tu ◐ | 0348 | 7.0 213 | 30 W ◑ | 0439 | 6.3 192 |
| | 1020 | 0.1 3 | | 1111 | 0.8 24 |
| | 1621 | 6.1 186 | | 1715 | 5.3 162 |
| | 2232 | 0.2 6 | | 2317 | 1.1 34 |
| | | | 31 Th | 0534 | 6.1 186 |
| | | | | 1208 | 0.8 24 |
| | | | | 1813 | 5.3 162 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 F | 0014 | 1.2 37 | 16 Sa | 0024 | 0.6 18 |
| | 0631 | 6.1 186 | | 0640 | 6.8 207 |
| | 1305 | 0.8 24 | | 1322 | 0.1 3 |
| | 1911 | 5.3 162 | | 1924 | 5.9 180 |
| 2 Sa | 0112 | 1.1 34 | 17 Su | 0132 | 0.4 12 |
| | 0728 | 6.1 186 | | 0747 | 6.9 210 |
| | 1358 | 0.6 18 | | 1424 | −0.1 −3 |
| | 2005 | 5.5 168 | | 2026 | 6.2 189 |
| 3 Su | 0206 | 1.0 30 | 18 M | 0235 | 0.2 6 |
| | 0820 | 6.3 192 | | 0848 | 7.1 216 |
| | 1447 | 0.4 12 | | 1519 | −0.3 −9 |
| | 2054 | 5.8 177 | | 2121 | 6.6 201 |
| 4 M | 0255 | 0.7 21 | 19 Tu | 0331 | −0.1 −3 |
| | 0908 | 6.5 198 | | 0942 | 7.3 223 |
| | 1532 | 0.1 3 | | 1608 | −0.5 −15 |
| | 2139 | 6.1 186 | | 2211 | 6.9 210 |
| 5 Tu | 0341 | 0.4 12 | 20 W ○ | 0422 | −0.3 −9 |
| | 0952 | 6.8 207 | | 1031 | 7.3 223 |
| | 1614 | −0.1 −3 | | 1653 | −0.6 −18 |
| | 2221 | 6.4 195 | | 2256 | 7.2 219 |
| 6 W ● | 0424 | 0.2 6 | 21 Th | 0509 | −0.5 −15 |
| | 1033 | 7.0 213 | | 1116 | 7.3 223 |
| | 1654 | −0.4 −12 | | 1734 | −0.5 −15 |
| | 2300 | 6.7 204 | | 2338 | 7.3 223 |
| 7 Th | 0506 | −0.1 −3 | 22 F | 0553 | −0.5 −15 |
| | 1114 | 7.2 219 | | 1159 | 7.2 219 |
| | 1733 | −0.6 −18 | | 1813 | −0.4 −12 |
| | 2339 | 6.9 210 | | | |
| 8 F | 0548 | −0.3 −9 | 23 Sa | 0018 | 7.3 223 |
| | 1154 | 7.3 223 | | 0635 | −0.4 −12 |
| | 1812 | −0.7 −21 | | 1240 | 6.9 210 |
| | | | | 1850 | −0.2 −6 |
| 9 Sa | 0018 | 7.2 219 | 24 Su | 0058 | 7.2 219 |
| | 0632 | −0.4 −12 | | 0717 | −0.2 −6 |
| | 1236 | 7.2 219 | | 1321 | 6.6 201 |
| | 1852 | −0.6 −18 | | 1928 | 0.1 3 |
| 10 Su | 0059 | 7.3 223 | 25 M | 0137 | 7.1 216 |
| | 0717 | −0.5 −15 | | 0759 | 0.0 0 |
| | 1321 | 7.1 216 | | 1403 | 6.3 192 |
| | 1934 | −0.5 −15 | | 2006 | 0.5 15 |
| 11 M | 0142 | 7.4 226 | 26 Tu | 0218 | 6.8 207 |
| | 0806 | −0.4 −12 | | 0842 | 0.3 9 |
| | 1409 | 6.8 207 | | 1447 | 5.9 180 |
| | 2020 | −0.2 −6 | | 2048 | 0.8 24 |
| 12 Tu | 0230 | 7.3 223 | 27 W | 0301 | 6.5 198 |
| | 0900 | −0.2 −6 | | 0929 | 0.6 18 |
| | 1502 | 6.4 195 | | 1536 | 5.6 171 |
| | 2111 | 0.1 3 | | 2136 | 1.1 34 |
| 13 W ◐ | 0323 | 7.2 219 | 28 Th ◑ | 0351 | 6.2 189 |
| | 1000 | 0.0 0 | | 1022 | 0.9 27 |
| | 1602 | 6.1 186 | | 1630 | 5.4 165 |
| | 2210 | 0.3 9 | | 2230 | 1.3 40 |
| 14 Th | 0423 | 7.0 213 | 29 F | 0446 | 6.0 183 |
| | 1105 | 0.2 6 | | 1119 | 1.0 30 |
| | 1707 | 5.9 180 | | 1728 | 5.3 162 |
| | 2315 | 0.6 18 | | 2331 | 1.4 43 |
| 15 F | 0530 | 6.9 210 | | | |
| | 1214 | 0.2 6 | | | |
| | 1816 | 5.8 177 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0547 | 5.9 180 | 16 Su | 0016 | 0.7 21 |
| | 1219 | 1.0 30 | | 0630 | 6.7 204 |
| | 1828 | 5.4 165 | | 1307 | 0.4 12 |
| | | | | 1911 | 6.2 189 |
| 2 Su | 0032 | 1.3 40 | 17 M | 0124 | 0.6 18 |
| | 0648 | 6.0 183 | | 0737 | 6.8 207 |
| | 1317 | 0.9 27 | | 1407 | 0.2 6 |
| | 1926 | 5.6 171 | | 2011 | 6.5 198 |
| 3 M | 0131 | 1.1 34 | 18 Tu | 0226 | 0.3 9 |
| | 0744 | 6.2 189 | | 0836 | 6.9 210 |
| | 1409 | 0.6 18 | | 1500 | 0.0 0 |
| | 2018 | 5.9 180 | | 2104 | 6.9 210 |
| 4 Tu | 0224 | 0.8 24 | 19 W | 0320 | 0.0 0 |
| | 0835 | 6.5 198 | | 0928 | 7.0 213 |
| | 1457 | 0.3 9 | | 1546 | −0.1 −3 |
| | 2105 | 6.3 192 | | 2150 | 7.2 219 |
| 5 W | 0312 | 0.4 12 | 20 Th | 0407 | −0.2 −6 |
| | 0922 | 6.8 207 | | 1014 | 7.1 216 |
| | 1541 | −0.1 −3 | | 1627 | −0.2 −6 |
| | 2148 | 6.8 207 | | 2232 | 7.4 226 |
| 6 Th | 0358 | 0.0 0 | 21 F ○ | 0451 | −0.3 −9 |
| | 1006 | 7.1 216 | | 1056 | 7.1 216 |
| | 1622 | −0.4 −12 | | 1706 | −0.1 −3 |
| | 2229 | 7.2 219 | | 2311 | 7.5 229 |
| 7 F ● | 0442 | −0.4 −12 | 22 Sa | 0531 | −0.4 −12 |
| | 1049 | 7.3 223 | | 1136 | 7.0 213 |
| | 1703 | −0.6 −18 | | 1742 | 0.0 0 |
| | 2309 | 7.5 229 | | 2348 | 7.5 229 |
| 8 Sa | 0527 | −0.7 −21 | 23 Su | 0610 | −0.3 −9 |
| | 1132 | 7.4 226 | | 1214 | 6.8 207 |
| | 1743 | −0.6 −18 | | 1817 | 0.2 6 |
| | 2350 | 7.8 238 | | | |
| 9 Su | 0612 | −0.8 −24 | 24 M | 0025 | 7.4 226 |
| | 1216 | 7.4 226 | | 0648 | −0.2 −6 |
| | 1825 | −0.6 −18 | | 1253 | 6.6 201 |
| | | | | 1853 | 0.5 15 |
| 10 M | 0033 | 7.9 241 | 25 Tu | 0101 | 7.2 219 |
| | 0659 | −0.8 −24 | | 0726 | 0.1 3 |
| | 1303 | 7.2 219 | | 1333 | 6.3 192 |
| | 1910 | −0.4 −12 | | 1931 | 0.7 21 |
| 11 Tu | 0118 | 7.9 241 | 26 W | 0140 | 6.9 210 |
| | 0749 | −0.6 −18 | | 0806 | 0.3 9 |
| | 1353 | 6.9 210 | | 1414 | 6.1 186 |
| | 1959 | −0.1 −3 | | 2012 | 1.0 30 |
| 12 W | 0209 | 7.7 235 | 27 Th | 0222 | 6.6 201 |
| | 0844 | −0.3 −9 | | 0850 | 0.6 18 |
| | 1447 | 6.5 198 | | 1500 | 5.9 180 |
| | 2053 | 0.2 6 | | 2058 | 1.2 37 |
| 13 Th | 0305 | 7.3 223 | 28 F | 0309 | 6.3 192 |
| | 0944 | 0.0 0 | | 0939 | 0.9 27 |
| | 1548 | 6.2 189 | | 1550 | 5.7 174 |
| | 2155 | 0.5 15 | | 2151 | 1.4 43 |
| 14 F ◐ | 0408 | 7.0 213 | 29 Sa ◑ | 0403 | 6.1 186 |
| | 1051 | 0.3 9 | | 1035 | 1.1 34 |
| | 1654 | 6.0 183 | | 1646 | 5.6 171 |
| | 2304 | 0.7 21 | | 2251 | 1.5 46 |
| 15 Sa | 0518 | 6.7 204 | 30 Su | 0503 | 6.0 183 |
| | 1200 | 0.4 12 | | 1134 | 1.1 34 |
| | 1804 | 6.0 183 | | 1745 | 5.7 174 |
| | | | | 2353 | 1.4 43 |
| | | | 31 M | 0604 | 6.1 186 |
| | | | | 1232 | 1.0 30 |
| | | | | 1843 | 5.9 180 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bridgeport, Connecticut, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0053 | 1.2 | 37 |
| | 0703 | 6.3 | 192 |
| | 1326 | 0.7 | 21 |
| | 1936 | 6.3 | 192 |
| **2** W | 0149 | 0.8 | 24 |
| | 0757 | 6.6 | 201 |
| | 1416 | 0.4 | 12 |
| | 2025 | 6.8 | 207 |
| **3** Th | 0241 | 0.3 | 9 |
| | 0848 | 6.9 | 210 |
| | 1502 | 0.1 | 3 |
| | 2111 | 7.3 | 223 |
| **4** F | 0330 | −0.1 | −3 |
| | 0936 | 7.1 | 216 |
| | 1547 | −0.2 | −6 |
| | 2154 | 7.7 | 235 |
| **5** Sa ● | 0417 | −0.6 | −18 |
| | 1022 | 7.3 | 223 |
| | 1630 | −0.4 | −12 |
| | 2238 | 8.1 | 247 |
| **6** Su | 0504 | −0.8 | −24 |
| | 1109 | 7.4 | 226 |
| | 1715 | −0.4 | −12 |
| | 2323 | 8.3 | 253 |
| **7** M | 0552 | −1.0 | −30 |
| | 1157 | 7.4 | 226 |
| | 1801 | −0.4 | −12 |
| **8** Tu | 0009 | 8.4 | 256 |
| | 0642 | −0.9 | −27 |
| | 1246 | 7.2 | 219 |
| | 1850 | −0.2 | −6 |
| **9** W | 0059 | 8.2 | 250 |
| | 0734 | −0.7 | −21 |
| | 1338 | 7.0 | 213 |
| | 1943 | 0.1 | 3 |
| **10** Th | 0153 | 7.9 | 241 |
| | 0830 | −0.3 | −9 |
| | 1434 | 6.7 | 204 |
| | 2041 | 0.4 | 12 |
| **11** F | 0252 | 7.4 | 226 |
| | 0930 | 0.0 | 0 |
| | 1536 | 6.5 | 198 |
| | 2145 | 0.7 | 21 |
| **12** Sa ◐ | 0357 | 7.0 | 213 |
| | 1035 | 0.3 | 9 |
| | 1641 | 6.4 | 195 |
| | 2255 | 0.8 | 24 |
| **13** Su | 0506 | 6.7 | 204 |
| | 1141 | 0.5 | 15 |
| | 1748 | 6.4 | 195 |
| **14** M | 0005 | 0.8 | 24 |
| | 0615 | 6.6 | 201 |
| | 1244 | 0.5 | 15 |
| | 1852 | 6.6 | 201 |
| **15** Tu | 0111 | 0.6 | 18 |
| | 0719 | 6.6 | 201 |
| | 1341 | 0.4 | 12 |
| | 1949 | 6.9 | 210 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0209 | 0.4 | 12 |
| | 0816 | 6.7 | 204 |
| | 1432 | 0.3 | 9 |
| | 2039 | 7.2 | 219 |
| **17** Th | 0301 | 0.2 | 6 |
| | 0906 | 6.8 | 207 |
| | 1517 | 0.3 | 9 |
| | 2124 | 7.4 | 226 |
| **18** F | 0347 | 0.0 | 0 |
| | 0951 | 6.8 | 207 |
| | 1557 | 0.3 | 9 |
| | 2204 | 7.5 | 229 |
| **19** Sa | 0429 | −0.1 | −3 |
| | 1032 | 6.8 | 207 |
| | 1635 | 0.4 | 12 |
| | 2242 | 7.6 | 232 |
| **20** Su ○ | 0507 | −0.2 | −6 |
| | 1112 | 6.7 | 204 |
| | 1712 | 0.5 | 15 |
| | 2319 | 7.5 | 229 |
| **21** M | 0545 | −0.1 | −3 |
| | 1150 | 6.6 | 201 |
| | 1748 | 0.7 | 21 |
| | 2355 | 7.4 | 226 |
| **22** Tu | 0621 | 0.0 | 0 |
| | 1228 | 6.5 | 198 |
| | 1824 | 0.8 | 24 |
| **23** W | 0032 | 7.2 | 219 |
| | 0658 | 0.2 | 6 |
| | 1307 | 6.4 | 195 |
| | 1903 | 1.0 | 30 |
| **24** Th | 0110 | 7.0 | 213 |
| | 0737 | 0.4 | 12 |
| | 1347 | 6.3 | 192 |
| | 1944 | 1.2 | 37 |
| **25** F | 0151 | 6.8 | 207 |
| | 0820 | 0.6 | 18 |
| | 1430 | 6.1 | 186 |
| | 2029 | 1.3 | 40 |
| **26** Sa | 0237 | 6.5 | 198 |
| | 0906 | 0.8 | 24 |
| | 1518 | 6.0 | 183 |
| | 2120 | 1.4 | 43 |
| **27** Su | 0327 | 6.4 | 195 |
| | 0957 | 0.9 | 27 |
| | 1610 | 6.0 | 183 |
| | 2216 | 1.4 | 43 |
| **28** M ◑ | 0423 | 6.3 | 192 |
| | 1052 | 0.9 | 27 |
| | 1705 | 6.1 | 186 |
| | 2316 | 1.3 | 40 |
| **29** Tu | 0522 | 6.3 | 192 |
| | 1147 | 0.8 | 24 |
| | 1800 | 6.4 | 195 |
| **30** W | 0016 | 1.1 | 34 |
| | 0621 | 6.4 | 195 |
| | 1241 | 0.7 | 21 |
| | 1853 | 6.8 | 207 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0114 | 0.7 | 21 |
| | 0718 | 6.6 | 201 |
| | 1332 | 0.5 | 15 |
| | 1944 | 7.2 | 219 |
| **2** F | 0209 | 0.2 | 6 |
| | 0813 | 6.8 | 207 |
| | 1422 | 0.2 | 6 |
| | 2033 | 7.7 | 235 |
| **3** Sa | 0301 | −0.2 | −6 |
| | 0905 | 7.0 | 213 |
| | 1511 | 0.0 | 0 |
| | 2121 | 8.1 | 247 |
| **4** Su | 0353 | −0.6 | −18 |
| | 0957 | 7.2 | 219 |
| | 1600 | −0.1 | −3 |
| | 2210 | 8.4 | 256 |
| **5** M ● | 0443 | −0.8 | −24 |
| | 1047 | 7.3 | 223 |
| | 1649 | −0.2 | −6 |
| | 2259 | 8.5 | 259 |
| **6** Tu | 0534 | −0.9 | −27 |
| | 1138 | 7.3 | 223 |
| | 1740 | −0.2 | −6 |
| | 2350 | 8.5 | 259 |
| **7** W | 0626 | −0.8 | −24 |
| | 1230 | 7.2 | 219 |
| | 1834 | 0.0 | 0 |
| **8** Th | 0044 | 8.3 | 253 |
| | 0720 | −0.6 | −18 |
| | 1324 | 7.1 | 216 |
| | 1930 | 0.2 | 6 |
| **9** F | 0140 | 7.9 | 241 |
| | 0816 | −0.3 | −9 |
| | 1421 | 7.0 | 213 |
| | 2030 | 0.4 | 12 |
| **10** Sa | 0239 | 7.5 | 229 |
| | 0914 | 0.0 | 0 |
| | 1521 | 6.9 | 210 |
| | 2133 | 0.6 | 18 |
| **11** Su ◐ | 0342 | 7.1 | 216 |
| | 1014 | 0.3 | 9 |
| | 1623 | 6.8 | 207 |
| | 2239 | 0.8 | 24 |
| **12** M | 0446 | 6.8 | 207 |
| | 1114 | 0.4 | 12 |
| | 1725 | 6.9 | 210 |
| | 2345 | 0.8 | 24 |
| **13** Tu | 0550 | 6.5 | 198 |
| | 1212 | 0.6 | 18 |
| | 1824 | 7.0 | 213 |
| **14** W | 0048 | 0.7 | 21 |
| | 0651 | 6.4 | 195 |
| | 1307 | 0.6 | 18 |
| | 1918 | 7.1 | 216 |
| **15** Th | 0145 | 0.5 | 15 |
| | 0747 | 6.4 | 195 |
| | 1356 | 0.7 | 21 |
| | 2008 | 7.3 | 223 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0236 | 0.4 | 12 |
| | 0838 | 6.4 | 195 |
| | 1442 | 0.7 | 21 |
| | 2053 | 7.4 | 226 |
| **17** Sa | 0322 | 0.2 | 6 |
| | 0924 | 6.4 | 195 |
| | 1525 | 0.8 | 24 |
| | 2134 | 7.4 | 226 |
| **18** Su | 0403 | 0.1 | 3 |
| | 1007 | 6.5 | 198 |
| | 1605 | 0.9 | 27 |
| | 2214 | 7.4 | 226 |
| **19** M ○ | 0443 | 0.1 | 3 |
| | 1048 | 6.5 | 198 |
| | 1644 | 0.9 | 27 |
| | 2252 | 7.4 | 226 |
| **20** Tu | 0520 | 0.1 | 3 |
| | 1127 | 6.5 | 198 |
| | 1722 | 1.0 | 30 |
| | 2330 | 7.3 | 223 |
| **21** W | 0557 | 0.2 | 6 |
| | 1205 | 6.5 | 198 |
| | 1801 | 1.0 | 30 |
| **22** Th | 0008 | 7.2 | 219 |
| | 0635 | 0.3 | 9 |
| | 1244 | 6.4 | 195 |
| | 1840 | 1.1 | 34 |
| **23** F | 0047 | 7.0 | 213 |
| | 0714 | 0.4 | 12 |
| | 1324 | 6.4 | 195 |
| | 1921 | 1.2 | 37 |
| **24** Sa | 0127 | 6.9 | 210 |
| | 0755 | 0.5 | 15 |
| | 1405 | 6.4 | 195 |
| | 2005 | 1.2 | 37 |
| **25** Su | 0210 | 6.8 | 207 |
| | 0838 | 0.5 | 15 |
| | 1450 | 6.4 | 195 |
| | 2053 | 1.3 | 40 |
| **26** M | 0257 | 6.7 | 204 |
| | 0925 | 0.6 | 18 |
| | 1537 | 6.5 | 198 |
| | 2146 | 1.2 | 37 |
| **27** Tu ◑ | 0349 | 6.6 | 201 |
| | 1014 | 0.6 | 18 |
| | 1627 | 6.6 | 201 |
| | 2242 | 1.1 | 34 |
| **28** W | 0444 | 6.5 | 198 |
| | 1105 | 0.6 | 18 |
| | 1718 | 6.9 | 210 |
| | 2341 | 0.9 | 27 |
| **29** Th | 0543 | 6.5 | 198 |
| | 1158 | 0.6 | 18 |
| | 1812 | 7.2 | 219 |
| **30** F | 0041 | 0.6 | 18 |
| | 0642 | 6.5 | 198 |
| | 1252 | 0.5 | 15 |
| | 1905 | 7.6 | 232 |
| **31** Sa | 0139 | 0.2 | 6 |
| | 0741 | 6.6 | 201 |
| | 1346 | 0.4 | 12 |
| | 1959 | 7.9 | 241 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0236 | −0.2 | −6 |
| | 0838 | 6.8 | 207 |
| | 1440 | 0.3 | 9 |
| | 2053 | 8.2 | 250 |
| **2** M | 0331 | −0.5 | −15 |
| | 0933 | 6.9 | 210 |
| | 1535 | 0.1 | 3 |
| | 2147 | 8.4 | 256 |
| **3** Tu ● | 0425 | −0.7 | −21 |
| | 1028 | 7.1 | 216 |
| | 1629 | 0.0 | 0 |
| | 2241 | 8.5 | 259 |
| **4** W | 0518 | −0.7 | −21 |
| | 1121 | 7.2 | 219 |
| | 1724 | 0.0 | 0 |
| | 2336 | 8.4 | 256 |
| **5** Th | 0611 | −0.7 | −21 |
| | 1215 | 7.3 | 223 |
| | 1820 | 0.0 | 0 |
| **6** F | 0030 | 8.2 | 250 |
| | 0705 | −0.5 | −15 |
| | 1309 | 7.3 | 223 |
| | 1917 | 0.1 | 3 |
| **7** Sa | 0126 | 7.9 | 241 |
| | 0758 | −0.3 | −9 |
| | 1404 | 7.2 | 219 |
| | 2015 | 0.3 | 9 |
| **8** Su | 0222 | 7.5 | 229 |
| | 0852 | −0.1 | −3 |
| | 1500 | 7.2 | 219 |
| | 2115 | 0.5 | 15 |
| **9** M | 0320 | 7.1 | 216 |
| | 0946 | 0.2 | 6 |
| | 1557 | 7.1 | 216 |
| | 2216 | 0.7 | 21 |
| **10** Tu ◐ | 0419 | 6.7 | 204 |
| | 1040 | 0.4 | 12 |
| | 1653 | 7.1 | 216 |
| | 2317 | 0.8 | 24 |
| **11** W | 0518 | 6.4 | 195 |
| | 1134 | 0.7 | 21 |
| | 1748 | 7.1 | 216 |
| **12** Th | 0016 | 0.8 | 24 |
| | 0616 | 6.2 | 189 |
| | 1226 | 0.9 | 27 |
| | 1841 | 7.1 | 216 |
| **13** F | 0112 | 0.7 | 21 |
| | 0713 | 6.1 | 186 |
| | 1317 | 1.0 | 30 |
| | 1931 | 7.2 | 219 |
| **14** Sa | 0204 | 0.6 | 18 |
| | 0806 | 6.1 | 186 |
| | 1406 | 1.1 | 34 |
| | 2019 | 7.2 | 219 |
| **15** Su | 0252 | 0.5 | 15 |
| | 0854 | 6.1 | 186 |
| | 1452 | 1.1 | 34 |
| | 2104 | 7.2 | 219 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0336 | 0.4 | 12 |
| | 0940 | 6.2 | 189 |
| | 1536 | 1.1 | 34 |
| | 2147 | 7.2 | 219 |
| **17** Tu | 0417 | 0.4 | 12 |
| | 1022 | 6.3 | 192 |
| | 1618 | 1.1 | 34 |
| | 2228 | 7.2 | 219 |
| **18** W ○ | 0456 | 0.3 | 9 |
| | 1103 | 6.4 | 195 |
| | 1659 | 1.1 | 34 |
| | 2308 | 7.2 | 219 |
| **19** Th | 0535 | 0.3 | 9 |
| | 1142 | 6.5 | 198 |
| | 1739 | 1.0 | 30 |
| | 2347 | 7.2 | 219 |
| **20** F | 0613 | 0.3 | 9 |
| | 1221 | 6.5 | 198 |
| | 1819 | 1.0 | 30 |
| **21** Sa | 0025 | 7.1 | 216 |
| | 0651 | 0.2 | 6 |
| | 1300 | 6.6 | 201 |
| | 1900 | 1.0 | 30 |
| **22** Su | 0105 | 7.1 | 216 |
| | 0730 | 0.2 | 6 |
| | 1340 | 6.7 | 204 |
| | 1943 | 1.0 | 30 |
| **23** M | 0146 | 7.0 | 213 |
| | 0811 | 0.3 | 9 |
| | 1421 | 6.8 | 207 |
| | 2029 | 0.9 | 27 |
| **24** Tu | 0231 | 6.9 | 210 |
| | 0853 | 0.3 | 9 |
| | 1504 | 6.9 | 210 |
| | 2119 | 0.9 | 27 |
| **25** W | 0320 | 6.8 | 207 |
| | 0939 | 0.4 | 12 |
| | 1551 | 7.1 | 216 |
| | 2213 | 0.8 | 24 |
| **26** Th ◑ | 0414 | 6.6 | 201 |
| | 1028 | 0.5 | 15 |
| | 1642 | 7.3 | 223 |
| | 2312 | 0.6 | 18 |
| **27** F | 0512 | 6.4 | 195 |
| | 1122 | 0.6 | 18 |
| | 1737 | 7.5 | 229 |
| **28** Sa | 0013 | 0.4 | 12 |
| | 0613 | 6.4 | 195 |
| | 1219 | 0.6 | 18 |
| | 1834 | 7.7 | 235 |
| **29** Su | 0115 | 0.2 | 6 |
| | 0715 | 6.4 | 195 |
| | 1318 | 0.6 | 18 |
| | 1934 | 7.9 | 241 |
| **30** M | 0215 | 0.0 | 0 |
| | 0816 | 6.5 | 198 |
| | 1418 | 0.4 | 12 |
| | 2033 | 8.1 | 247 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bridgeport, Connecticut, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0313 | −0.3 | −9 |
| | 0915 | 6.7 | 204 |
| | 1517 | 0.3 | 9 |
| | 2131 | 8.2 | 250 |
| **2** W ● | 0409 | −0.4 | −12 |
| | 1011 | 7.0 | 213 |
| | 1615 | 0.1 | 3 |
| | 2228 | 8.3 | 253 |
| **3** Th | 0503 | −0.5 | −15 |
| | 1106 | 7.2 | 219 |
| | 1711 | 0.0 | 0 |
| | 2322 | 8.2 | 250 |
| **4** F | 0555 | −0.6 | −18 |
| | 1158 | 7.4 | 226 |
| | 1806 | 0.0 | 0 |
| **5** Sa | 0016 | 8.1 | 247 |
| | 0645 | −0.5 | −15 |
| | 1250 | 7.5 | 229 |
| | 1901 | 0.0 | 0 |
| **6** Su | 0108 | 7.8 | 238 |
| | 0734 | −0.3 | −9 |
| | 1341 | 7.5 | 229 |
| | 1955 | 0.2 | 6 |
| **7** M | 0200 | 7.4 | 226 |
| | 0823 | −0.1 | −3 |
| | 1432 | 7.4 | 226 |
| | 2050 | 0.4 | 12 |
| **8** Tu | 0252 | 7.0 | 213 |
| | 0911 | 0.2 | 6 |
| | 1523 | 7.3 | 223 |
| | 2145 | 0.6 | 18 |
| **9** W ◐ | 0346 | 6.6 | 201 |
| | 1000 | 0.6 | 18 |
| | 1615 | 7.2 | 219 |
| | 2241 | 0.8 | 24 |
| **10** Th | 0441 | 6.2 | 189 |
| | 1051 | 0.9 | 27 |
| | 1707 | 7.1 | 216 |
| | 2338 | 0.9 | 27 |
| **11** F | 0538 | 6.0 | 183 |
| | 1143 | 1.2 | 37 |
| | 1800 | 7.0 | 213 |
| **12** Sa | 0034 | 0.9 | 27 |
| | 0635 | 5.9 | 180 |
| | 1236 | 1.3 | 40 |
| | 1853 | 6.9 | 210 |
| **13** Su | 0128 | 0.9 | 27 |
| | 0730 | 5.9 | 180 |
| | 1329 | 1.4 | 43 |
| | 1945 | 6.9 | 210 |
| **14** M | 0218 | 0.8 | 24 |
| | 0822 | 6.0 | 183 |
| | 1420 | 1.3 | 40 |
| | 2034 | 6.9 | 210 |
| **15** Tu | 0305 | 0.7 | 21 |
| | 0910 | 6.1 | 186 |
| | 1508 | 1.2 | 37 |
| | 2121 | 7.0 | 213 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0349 | 0.6 | 18 |
| | 0955 | 6.3 | 192 |
| | 1553 | 1.1 | 34 |
| | 2204 | 7.1 | 216 |
| **17** Th | 0430 | 0.4 | 12 |
| | 1037 | 6.5 | 198 |
| | 1635 | 1.0 | 30 |
| | 2245 | 7.2 | 219 |
| **18** F ○ | 0509 | 0.3 | 9 |
| | 1116 | 6.6 | 201 |
| | 1716 | 0.9 | 27 |
| | 2324 | 7.2 | 219 |
| **19** Sa | 0547 | 0.1 | 3 |
| | 1155 | 6.8 | 207 |
| | 1757 | 0.8 | 24 |
| **20** Su | 0002 | 7.3 | 223 |
| | 0624 | 0.1 | 3 |
| | 1232 | 6.9 | 210 |
| | 1837 | 0.7 | 21 |
| **21** M | 0041 | 7.3 | 223 |
| | 0702 | 0.0 | 0 |
| | 1311 | 7.1 | 216 |
| | 1920 | 0.6 | 18 |
| **22** Tu | 0122 | 7.2 | 219 |
| | 0741 | 0.1 | 3 |
| | 1350 | 7.2 | 219 |
| | 2005 | 0.5 | 15 |
| **23** W | 0207 | 7.0 | 213 |
| | 0823 | 0.2 | 6 |
| | 1433 | 7.4 | 226 |
| | 2055 | 0.5 | 15 |
| **24** Th | 0255 | 6.8 | 207 |
| | 0908 | 0.3 | 9 |
| | 1520 | 7.4 | 226 |
| | 2149 | 0.5 | 15 |
| **25** F ◑ | 0349 | 6.6 | 201 |
| | 0959 | 0.5 | 15 |
| | 1613 | 7.5 | 229 |
| | 2248 | 0.5 | 15 |
| **26** Sa | 0448 | 6.4 | 195 |
| | 1055 | 0.7 | 21 |
| | 1711 | 7.5 | 229 |
| | 2352 | 0.5 | 15 |
| **27** Su | 0552 | 6.3 | 192 |
| | 1157 | 0.8 | 24 |
| | 1813 | 7.6 | 232 |
| **28** M | 0057 | 0.4 | 12 |
| | 0657 | 6.3 | 192 |
| | 1301 | 0.7 | 21 |
| | 1918 | 7.7 | 235 |
| **29** Tu | 0200 | 0.2 | 6 |
| | 0800 | 6.5 | 198 |
| | 1405 | 0.5 | 15 |
| | 2021 | 7.8 | 238 |
| **30** W | 0300 | 0.0 | 0 |
| | 0900 | 6.7 | 204 |
| | 1506 | 0.3 | 9 |
| | 2120 | 8.0 | 244 |
| **31** Th | 0355 | −0.2 | −6 |
| | 0956 | 7.0 | 213 |
| | 1604 | 0.1 | 3 |
| | 2216 | 8.1 | 247 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0446 | −0.4 | −12 |
| | 1049 | 7.3 | 223 |
| | 1658 | −0.1 | −3 |
| | 2308 | 8.0 | 244 |
| **2** Sa | 0534 | −0.4 | −12 |
| | 1138 | 7.6 | 232 |
| | 1750 | −0.1 | −3 |
| | 2357 | 7.9 | 241 |
| **3** Su | 0620 | −0.4 | −12 |
| | 1226 | 7.7 | 235 |
| | 1840 | 0.0 | 0 |
| **4** M | 0045 | 7.6 | 232 |
| | 0705 | −0.2 | −6 |
| | 1312 | 7.7 | 235 |
| | 1929 | 0.1 | 3 |
| **5** Tu | 0133 | 7.3 | 223 |
| | 0748 | 0.1 | 3 |
| | 1358 | 7.6 | 232 |
| | 2019 | 0.3 | 9 |
| **6** W | 0221 | 6.9 | 210 |
| | 0832 | 0.5 | 15 |
| | 1444 | 7.4 | 226 |
| | 2109 | 0.6 | 18 |
| **7** Th | 0310 | 6.5 | 198 |
| | 0918 | 0.8 | 24 |
| | 1532 | 7.1 | 216 |
| | 2201 | 0.9 | 27 |
| **8** F ◐ | 0402 | 6.1 | 186 |
| | 1007 | 1.2 | 37 |
| | 1623 | 6.9 | 210 |
| | 2255 | 1.1 | 34 |
| **9** Sa | 0458 | 5.9 | 180 |
| | 1100 | 1.4 | 43 |
| | 1717 | 6.7 | 204 |
| | 2352 | 1.2 | 37 |
| **10** Su | 0555 | 5.7 | 174 |
| | 1157 | 1.6 | 49 |
| | 1814 | 6.6 | 201 |
| **11** M | 0048 | 1.2 | 37 |
| | 0653 | 5.8 | 177 |
| | 1254 | 1.5 | 46 |
| | 1910 | 6.6 | 201 |
| **12** Tu | 0142 | 1.1 | 34 |
| | 0747 | 5.9 | 180 |
| | 1348 | 1.4 | 43 |
| | 2003 | 6.7 | 204 |
| **13** W | 0231 | 0.9 | 27 |
| | 0838 | 6.2 | 189 |
| | 1439 | 1.2 | 37 |
| | 2052 | 6.9 | 210 |
| **14** Th | 0316 | 0.7 | 21 |
| | 0923 | 6.4 | 195 |
| | 1525 | 1.0 | 30 |
| | 2136 | 7.1 | 216 |
| **15** F | 0358 | 0.4 | 12 |
| | 1006 | 6.7 | 204 |
| | 1609 | 0.8 | 24 |
| | 2218 | 7.2 | 219 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0437 | 0.2 | 6 |
| | 1045 | 7.0 | 213 |
| | 1650 | 0.6 | 18 |
| | 2257 | 7.4 | 226 |
| **17** Su | 0515 | 0.0 | 0 |
| | 1123 | 7.2 | 219 |
| | 1731 | 0.4 | 12 |
| | 2336 | 7.4 | 226 |
| **18** M | 0553 | −0.1 | −3 |
| | 1200 | 7.4 | 226 |
| | 1813 | 0.2 | 6 |
| **19** Tu | 0017 | 7.4 | 226 |
| | 0631 | −0.1 | −3 |
| | 1239 | 7.6 | 232 |
| | 1856 | 0.2 | 6 |
| **20** W | 0059 | 7.3 | 223 |
| | 0711 | 0.0 | 0 |
| | 1320 | 7.7 | 235 |
| | 1943 | 0.1 | 3 |
| **21** Th | 0145 | 7.1 | 216 |
| | 0754 | 0.2 | 6 |
| | 1404 | 7.7 | 235 |
| | 2033 | 0.2 | 6 |
| **22** F | 0235 | 6.8 | 207 |
| | 0842 | 0.4 | 12 |
| | 1454 | 7.7 | 235 |
| | 2129 | 0.4 | 12 |
| **23** Sa ◑ | 0330 | 6.5 | 198 |
| | 0937 | 0.7 | 21 |
| | 1551 | 7.5 | 229 |
| | 2231 | 0.5 | 15 |
| **24** Su | 0432 | 6.3 | 192 |
| | 1038 | 0.9 | 27 |
| | 1654 | 7.4 | 226 |
| | 2338 | 0.6 | 18 |
| **25** M | 0538 | 6.2 | 189 |
| | 1146 | 0.9 | 27 |
| | 1802 | 7.4 | 226 |
| **26** Tu | 0045 | 0.5 | 15 |
| | 0646 | 6.3 | 192 |
| | 1253 | 0.8 | 24 |
| | 1909 | 7.4 | 226 |
| **27** W | 0148 | 0.4 | 12 |
| | 0749 | 6.6 | 201 |
| | 1358 | 0.6 | 18 |
| | 2012 | 7.6 | 232 |
| **28** Th | 0246 | 0.1 | 3 |
| | 0848 | 6.9 | 210 |
| | 1458 | 0.3 | 9 |
| | 2110 | 7.7 | 235 |
| **29** F | 0338 | −0.1 | −3 |
| | 0941 | 7.3 | 223 |
| | 1553 | 0.1 | 3 |
| | 2202 | 7.8 | 238 |
| **30** Sa ● | 0425 | −0.2 | −6 |
| | 1029 | 7.6 | 232 |
| | 1643 | −0.1 | −3 |
| | 2250 | 7.8 | 238 |
| **31** Su | 0509 | −0.2 | −6 |
| | 1114 | 7.8 | 238 |
| | 1731 | −0.1 | −3 |
| | 2336 | 7.6 | 232 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0551 | −0.1 | −3 |
| | 1157 | 7.8 | 238 |
| | 1816 | −0.1 | −3 |
| **2** Tu | 0020 | 7.4 | 226 |
| | 0632 | 0.1 | 3 |
| | 1239 | 7.8 | 238 |
| | 1901 | 0.1 | 3 |
| **3** W | 0104 | 7.0 | 213 |
| | 0712 | 0.4 | 12 |
| | 1321 | 7.6 | 232 |
| | 1945 | 0.3 | 9 |
| **4** Th | 0148 | 6.7 | 204 |
| | 0753 | 0.8 | 24 |
| | 1404 | 7.3 | 223 |
| | 2031 | 0.6 | 18 |
| **5** F | 0234 | 6.4 | 195 |
| | 0837 | 1.1 | 34 |
| | 1450 | 7.0 | 213 |
| | 2119 | 0.9 | 27 |
| **6** Sa | 0324 | 6.1 | 186 |
| | 0925 | 1.4 | 43 |
| | 1540 | 6.7 | 204 |
| | 2212 | 1.2 | 37 |
| **7** Su ◐ | 0418 | 5.8 | 177 |
| | 1020 | 1.6 | 49 |
| | 1636 | 6.5 | 198 |
| | 2308 | 1.3 | 40 |
| **8** M | 0516 | 5.8 | 177 |
| | 1119 | 1.7 | 52 |
| | 1735 | 6.4 | 195 |
| **9** Tu | 0006 | 1.4 | 43 |
| | 0614 | 5.8 | 177 |
| | 1218 | 1.6 | 49 |
| | 1834 | 6.4 | 195 |
| **10** W | 0102 | 1.2 | 37 |
| | 0710 | 6.0 | 183 |
| | 1315 | 1.4 | 43 |
| | 1929 | 6.6 | 201 |
| **11** Th | 0152 | 1.0 | 30 |
| | 0801 | 6.3 | 192 |
| | 1407 | 1.2 | 37 |
| | 2018 | 6.8 | 207 |
| **12** F | 0239 | 0.7 | 21 |
| | 0847 | 6.7 | 204 |
| | 1455 | 0.8 | 24 |
| | 2104 | 7.1 | 216 |
| **13** Sa | 0321 | 0.4 | 12 |
| | 0929 | 7.0 | 213 |
| | 1539 | 0.5 | 15 |
| | 2146 | 7.3 | 223 |
| **14** Su | 0401 | 0.1 | 3 |
| | 1009 | 7.4 | 226 |
| | 1622 | 0.2 | 6 |
| | 2228 | 7.4 | 226 |
| **15** M ○ | 0440 | 0.0 | 0 |
| | 1048 | 7.7 | 235 |
| | 1705 | 0.0 | 0 |
| | 2309 | 7.5 | 229 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0520 | −0.1 | −3 |
| | 1127 | 7.9 | 241 |
| | 1748 | −0.2 | −6 |
| | 2352 | 7.5 | 229 |
| **17** W | 0600 | −0.1 | −3 |
| | 1208 | 8.1 | 247 |
| | 1834 | −0.2 | −6 |
| **18** Th | 0037 | 7.3 | 223 |
| | 0644 | 0.1 | 3 |
| | 1252 | 8.1 | 247 |
| | 1922 | −0.2 | −6 |
| **19** F | 0125 | 7.1 | 216 |
| | 0730 | 0.3 | 9 |
| | 1340 | 7.9 | 241 |
| | 2015 | 0.0 | 0 |
| **20** Sa | 0218 | 6.8 | 207 |
| | 0823 | 0.5 | 15 |
| | 1435 | 7.7 | 235 |
| | 2114 | 0.3 | 9 |
| **21** Su | 0316 | 6.5 | 198 |
| | 0923 | 0.8 | 24 |
| | 1536 | 7.4 | 226 |
| | 2218 | 0.5 | 15 |
| **22** M ◑ | 0421 | 6.4 | 195 |
| | 1030 | 1.0 | 30 |
| | 1644 | 7.2 | 219 |
| | 2326 | 0.6 | 18 |
| **23** Tu | 0529 | 6.3 | 192 |
| | 1140 | 1.0 | 30 |
| | 1754 | 7.1 | 216 |
| **24** W | 0032 | 0.6 | 18 |
| | 0635 | 6.5 | 198 |
| | 1248 | 0.8 | 24 |
| | 1901 | 7.2 | 219 |
| **25** Th | 0133 | 0.4 | 12 |
| | 0737 | 6.9 | 210 |
| | 1351 | 0.5 | 15 |
| | 2002 | 7.3 | 223 |
| **26** F | 0227 | 0.2 | 6 |
| | 0832 | 7.2 | 219 |
| | 1448 | 0.2 | 6 |
| | 2056 | 7.4 | 226 |
| **27** Sa | 0316 | 0.1 | 3 |
| | 0921 | 7.5 | 229 |
| | 1539 | 0.0 | 0 |
| | 2145 | 7.5 | 229 |
| **28** Su | 0400 | 0.0 | 0 |
| | 1006 | 7.8 | 238 |
| | 1626 | −0.1 | −3 |
| | 2230 | 7.4 | 226 |
| **29** M ● | 0442 | 0.1 | 3 |
| | 1048 | 7.9 | 241 |
| | 1709 | −0.2 | −6 |
| | 2313 | 7.3 | 223 |
| **30** Tu | 0521 | 0.2 | 6 |
| | 1128 | 7.8 | 238 |
| | 1751 | −0.1 | −3 |
| | 2354 | 7.0 | 213 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bridgeport, Connecticut, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0559 | 0.5 | 15 |
| | 1207 | 7.7 | 235 |
| | 1831 | 0.1 | 3 |
| **2** Th | 0035 | 6.8 | 207 |
| | 0637 | 0.7 | 21 |
| | 1246 | 7.5 | 229 |
| | 1912 | 0.4 | 12 |
| **3** F | 0117 | 6.5 | 198 |
| | 0717 | 1.0 | 30 |
| | 1327 | 7.2 | 219 |
| | 1955 | 0.6 | 18 |
| **4** Sa | 0201 | 6.3 | 192 |
| | 0800 | 1.3 | 40 |
| | 1411 | 6.8 | 207 |
| | 2040 | 0.9 | 27 |
| **5** Su | 0248 | 6.0 | 183 |
| | 0848 | 1.5 | 46 |
| | 1500 | 6.6 | 201 |
| | 2131 | 1.2 | 37 |
| **6** M | 0340 | 5.9 | 180 |
| | 0942 | 1.6 | 49 |
| | 1555 | 6.3 | 192 |
| | 2226 | 1.3 | 40 |
| **7** Tu ◐ | 0436 | 5.8 | 177 |
| | 1041 | 1.7 | 52 |
| | 1654 | 6.2 | 189 |
| | 2323 | 1.3 | 40 |
| **8** W | 0534 | 5.9 | 180 |
| | 1141 | 1.6 | 49 |
| | 1753 | 6.3 | 192 |
| **9** Th | 0018 | 1.2 | 37 |
| | 0629 | 6.2 | 189 |
| | 1239 | 1.4 | 43 |
| | 1849 | 6.4 | 195 |
| **10** F | 0109 | 0.9 | 27 |
| | 0720 | 6.5 | 198 |
| | 1332 | 1.0 | 30 |
| | 1940 | 6.7 | 204 |
| **11** Sa | 0156 | 0.6 | 18 |
| | 0807 | 6.9 | 210 |
| | 1421 | 0.6 | 18 |
| | 2028 | 6.9 | 210 |
| **12** Su | 0241 | 0.3 | 9 |
| | 0850 | 7.3 | 223 |
| | 1508 | 0.2 | 6 |
| | 2113 | 7.2 | 219 |
| **13** M | 0323 | 0.1 | 3 |
| | 0932 | 7.7 | 235 |
| | 1554 | −0.2 | −6 |
| | 2158 | 7.3 | 223 |
| **14** Tu ○ | 0405 | −0.1 | −3 |
| | 1014 | 8.1 | 247 |
| | 1639 | −0.4 | −12 |
| | 2243 | 7.4 | 226 |
| **15** W | 0448 | −0.1 | −3 |
| | 1056 | 8.3 | 253 |
| | 1725 | −0.6 | −18 |
| | 2329 | 7.4 | 226 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0533 | −0.1 | −3 |
| | 1142 | 8.3 | 253 |
| | 1813 | −0.6 | −18 |
| **17** F | 0017 | 7.2 | 219 |
| | 0620 | 0.0 | 0 |
| | 1230 | 8.2 | 250 |
| | 1905 | −0.4 | −12 |
| **18** Sa | 0108 | 7.0 | 213 |
| | 0712 | 0.2 | 6 |
| | 1323 | 8.0 | 244 |
| | 2000 | −0.1 | −3 |
| **19** Su | 0204 | 6.8 | 207 |
| | 0809 | 0.5 | 15 |
| | 1421 | 7.6 | 232 |
| | 2100 | 0.2 | 6 |
| **20** M | 0304 | 6.6 | 201 |
| | 0913 | 0.7 | 21 |
| | 1525 | 7.3 | 223 |
| | 2204 | 0.4 | 12 |
| **21** Tu ◑ | 0409 | 6.5 | 198 |
| | 1021 | 0.8 | 24 |
| | 1633 | 7.0 | 213 |
| | 2310 | 0.5 | 15 |
| **22** W | 0516 | 6.6 | 201 |
| | 1131 | 0.8 | 24 |
| | 1742 | 6.9 | 210 |
| **23** Th | 0013 | 0.5 | 15 |
| | 0620 | 6.8 | 207 |
| | 1238 | 0.6 | 18 |
| | 1847 | 6.9 | 210 |
| **24** F | 0111 | 0.4 | 12 |
| | 0719 | 7.1 | 216 |
| | 1339 | 0.4 | 12 |
| | 1945 | 6.9 | 210 |
| **25** Sa | 0203 | 0.3 | 9 |
| | 0811 | 7.4 | 226 |
| | 1433 | 0.1 | 3 |
| | 2038 | 7.0 | 213 |
| **26** Su | 0250 | 0.2 | 6 |
| | 0858 | 7.6 | 232 |
| | 1522 | 0.0 | 0 |
| | 2125 | 7.0 | 213 |
| **27** M | 0333 | 0.2 | 6 |
| | 0941 | 7.7 | 235 |
| | 1606 | −0.1 | −3 |
| | 2209 | 6.9 | 210 |
| **28** Tu ● | 0414 | 0.3 | 9 |
| | 1021 | 7.7 | 235 |
| | 1647 | −0.1 | −3 |
| | 2250 | 6.8 | 207 |
| **29** W | 0452 | 0.5 | 15 |
| | 1100 | 7.6 | 232 |
| | 1726 | −0.1 | −3 |
| | 2330 | 6.7 | 204 |
| **30** Th | 0530 | 0.7 | 21 |
| | 1138 | 7.5 | 229 |
| | 1805 | 0.1 | 3 |
| **31** F | 0010 | 6.5 | 198 |
| | 0608 | 0.9 | 27 |
| | 1216 | 7.2 | 219 |
| | 1843 | 0.3 | 9 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0050 | 6.4 | 195 |
| | 0647 | 1.0 | 30 |
| | 1256 | 7.0 | 213 |
| | 1924 | 0.5 | 15 |
| **2** Su | 0132 | 6.2 | 189 |
| | 0730 | 1.2 | 37 |
| | 1339 | 6.7 | 204 |
| | 2007 | 0.7 | 21 |
| **3** M | 0217 | 6.1 | 186 |
| | 0816 | 1.4 | 43 |
| | 1426 | 6.5 | 198 |
| | 2054 | 0.9 | 27 |
| **4** Tu | 0305 | 6.0 | 183 |
| | 0908 | 1.5 | 46 |
| | 1517 | 6.3 | 192 |
| | 2145 | 1.0 | 30 |
| **5** W ◐ | 0357 | 6.0 | 183 |
| | 1003 | 1.5 | 46 |
| | 1612 | 6.2 | 189 |
| | 2238 | 1.0 | 30 |
| **6** Th | 0451 | 6.1 | 186 |
| | 1102 | 1.4 | 43 |
| | 1709 | 6.2 | 189 |
| | 2331 | 0.9 | 27 |
| **7** F | 0544 | 6.3 | 192 |
| | 1159 | 1.2 | 37 |
| | 1805 | 6.3 | 192 |
| **8** Sa | 0023 | 0.7 | 21 |
| | 0635 | 6.6 | 201 |
| | 1255 | 0.8 | 24 |
| | 1859 | 6.4 | 195 |
| **9** Su | 0112 | 0.5 | 15 |
| | 0724 | 7.1 | 216 |
| | 1347 | 0.4 | 12 |
| | 1951 | 6.6 | 201 |
| **10** M | 0200 | 0.3 | 9 |
| | 0811 | 7.5 | 229 |
| | 1438 | −0.1 | −3 |
| | 2041 | 6.8 | 207 |
| **11** Tu | 0247 | 0.1 | 3 |
| | 0857 | 7.9 | 241 |
| | 1527 | −0.4 | −12 |
| | 2130 | 7.0 | 213 |
| **12** W | 0334 | −0.1 | −3 |
| | 0944 | 8.2 | 250 |
| | 1616 | −0.7 | −21 |
| | 2219 | 7.1 | 216 |
| **13** Th ○ | 0421 | −0.2 | −6 |
| | 1032 | 8.4 | 256 |
| | 1705 | −0.8 | −24 |
| | 2309 | 7.2 | 219 |
| **14** F | 0511 | −0.2 | −6 |
| | 1121 | 8.4 | 256 |
| | 1757 | −0.8 | −24 |
| **15** Sa | 0000 | 7.1 | 216 |
| | 0603 | −0.1 | −3 |
| | 1214 | 8.2 | 250 |
| | 1850 | −0.6 | −18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0053 | 7.0 | 213 |
| | 0658 | 0.0 | 0 |
| | 1309 | 7.9 | 241 |
| | 1945 | −0.4 | −12 |
| **17** M | 0149 | 6.9 | 210 |
| | 0757 | 0.2 | 6 |
| | 1408 | 7.5 | 229 |
| | 2044 | −0.1 | −3 |
| **18** Tu | 0249 | 6.8 | 207 |
| | 0901 | 0.4 | 12 |
| | 1511 | 7.2 | 219 |
| | 2144 | 0.1 | 3 |
| **19** W ◑ | 0352 | 6.7 | 204 |
| | 1007 | 0.5 | 15 |
| | 1616 | 6.8 | 207 |
| | 2245 | 0.3 | 9 |
| **20** Th | 0455 | 6.8 | 207 |
| | 1115 | 0.6 | 18 |
| | 1721 | 6.6 | 201 |
| | 2345 | 0.3 | 9 |
| **21** F | 0556 | 6.9 | 210 |
| | 1219 | 0.5 | 15 |
| | 1823 | 6.5 | 198 |
| **22** Sa | 0041 | 0.4 | 12 |
| | 0653 | 7.1 | 216 |
| | 1319 | 0.3 | 9 |
| | 1922 | 6.4 | 195 |
| **23** Su | 0133 | 0.4 | 12 |
| | 0744 | 7.2 | 219 |
| | 1413 | 0.1 | 3 |
| | 2015 | 6.4 | 195 |
| **24** M | 0221 | 0.4 | 12 |
| | 0832 | 7.3 | 223 |
| | 1501 | 0.0 | 0 |
| | 2103 | 6.4 | 195 |
| **25** Tu | 0306 | 0.5 | 15 |
| | 0915 | 7.4 | 226 |
| | 1545 | −0.1 | −3 |
| | 2147 | 6.4 | 195 |
| **26** W | 0348 | 0.6 | 18 |
| | 0956 | 7.3 | 223 |
| | 1625 | −0.1 | −3 |
| | 2229 | 6.4 | 195 |
| **27** Th ● | 0428 | 0.6 | 18 |
| | 1036 | 7.2 | 219 |
| | 1704 | 0.0 | 0 |
| | 2309 | 6.4 | 195 |
| **28** F | 0506 | 0.7 | 21 |
| | 1115 | 7.1 | 216 |
| | 1742 | 0.1 | 3 |
| | 2348 | 6.3 | 192 |
| **29** Sa | 0545 | 0.8 | 24 |
| | 1153 | 7.0 | 213 |
| | 1820 | 0.2 | 6 |
| **30** Su | 0027 | 6.3 | 192 |
| | 0624 | 0.8 | 24 |
| | 1233 | 6.8 | 207 |
| | 1858 | 0.3 | 9 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0107 | 6.2 | 189 |
| | 0705 | 0.9 | 27 |
| | 1313 | 6.7 | 204 |
| | 1939 | 0.4 | 12 |
| **2** Tu | 0148 | 6.1 | 186 |
| | 0749 | 1.0 | 30 |
| | 1356 | 6.5 | 198 |
| | 2021 | 0.5 | 15 |
| **3** W | 0232 | 6.1 | 186 |
| | 0836 | 1.1 | 34 |
| | 1442 | 6.3 | 192 |
| | 2106 | 0.5 | 15 |
| **4** Th | 0318 | 6.1 | 186 |
| | 0927 | 1.1 | 34 |
| | 1531 | 6.2 | 189 |
| | 2154 | 0.6 | 18 |
| **5** F ◐ | 0407 | 6.3 | 192 |
| | 1022 | 1.0 | 30 |
| | 1625 | 6.1 | 186 |
| | 2244 | 0.6 | 18 |
| **6** Sa | 0458 | 6.5 | 198 |
| | 1119 | 0.8 | 24 |
| | 1722 | 6.1 | 186 |
| | 2336 | 0.5 | 15 |
| **7** Su | 0550 | 6.7 | 204 |
| | 1217 | 0.5 | 15 |
| | 1819 | 6.1 | 186 |
| **8** M | 0029 | 0.4 | 12 |
| | 0642 | 7.1 | 216 |
| | 1314 | 0.2 | 6 |
| | 1917 | 6.3 | 192 |
| **9** Tu | 0122 | 0.3 | 9 |
| | 0735 | 7.4 | 226 |
| | 1410 | −0.2 | −6 |
| | 2012 | 6.4 | 195 |
| **10** W | 0215 | 0.1 | 3 |
| | 0827 | 7.8 | 238 |
| | 1504 | −0.6 | −18 |
| | 2106 | 6.6 | 201 |
| **11** Th | 0308 | −0.1 | −3 |
| | 0920 | 8.0 | 244 |
| | 1557 | −0.8 | −24 |
| | 2159 | 6.8 | 207 |
| **12** F ○ | 0401 | −0.3 | −9 |
| | 1014 | 8.2 | 250 |
| | 1649 | −0.9 | −27 |
| | 2252 | 6.9 | 210 |
| **13** Sa | 0455 | −0.4 | −12 |
| | 1107 | 8.2 | 250 |
| | 1742 | −0.9 | −27 |
| | 2344 | 7.0 | 213 |
| **14** Su | 0550 | −0.4 | −12 |
| | 1201 | 8.1 | 247 |
| | 1834 | −0.9 | −27 |
| **15** M | 0038 | 7.1 | 216 |
| | 0646 | −0.4 | −12 |
| | 1256 | 7.8 | 238 |
| | 1928 | −0.7 | −21 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0132 | 7.0 | 213 |
| | 0743 | −0.2 | −6 |
| | 1352 | 7.4 | 226 |
| | 2022 | −0.5 | −15 |
| **17** W | 0228 | 7.0 | 213 |
| | 0843 | 0.0 | 0 |
| | 1450 | 7.0 | 213 |
| | 2117 | −0.2 | −6 |
| **18** Th | 0326 | 6.9 | 210 |
| | 0945 | 0.2 | 6 |
| | 1550 | 6.6 | 201 |
| | 2212 | 0.1 | 3 |
| **19** F ◑ | 0424 | 6.9 | 210 |
| | 1049 | 0.4 | 12 |
| | 1651 | 6.2 | 189 |
| | 2309 | 0.3 | 9 |
| **20** Sa | 0522 | 6.8 | 207 |
| | 1151 | 0.4 | 12 |
| | 1752 | 6.0 | 183 |
| **21** Su | 0005 | 0.5 | 15 |
| | 0619 | 6.8 | 207 |
| | 1251 | 0.3 | 9 |
| | 1852 | 5.9 | 180 |
| **22** M | 0059 | 0.6 | 18 |
| | 0712 | 6.8 | 207 |
| | 1346 | 0.3 | 9 |
| | 1948 | 5.9 | 180 |
| **23** Tu | 0151 | 0.7 | 21 |
| | 0803 | 6.8 | 207 |
| | 1436 | 0.2 | 6 |
| | 2038 | 5.9 | 180 |
| **24** W | 0239 | 0.7 | 21 |
| | 0850 | 6.9 | 210 |
| | 1521 | 0.1 | 3 |
| | 2125 | 6.0 | 183 |
| **25** Th | 0324 | 0.7 | 21 |
| | 0934 | 6.9 | 210 |
| | 1603 | 0.0 | 0 |
| | 2207 | 6.1 | 186 |
| **26** F | 0406 | 0.6 | 18 |
| | 1016 | 6.9 | 210 |
| | 1642 | 0.0 | 0 |
| | 2248 | 6.2 | 189 |
| **27** Sa ● | 0447 | 0.6 | 18 |
| | 1056 | 6.9 | 210 |
| | 1720 | 0.0 | 0 |
| | 2326 | 6.3 | 192 |
| **28** Su | 0526 | 0.5 | 15 |
| | 1134 | 6.8 | 207 |
| | 1757 | 0.0 | 0 |
| **29** M | 0004 | 6.3 | 192 |
| | 0604 | 0.5 | 15 |
| | 1212 | 6.8 | 207 |
| | 1834 | 0.0 | 0 |
| **30** Tu | 0042 | 6.3 | 192 |
| | 0643 | 0.5 | 15 |
| | 1250 | 6.7 | 204 |
| | 1911 | 0.0 | 0 |
| **31** W | 0120 | 6.4 | 195 |
| | 0724 | 0.5 | 15 |
| | 1329 | 6.6 | 201 |
| | 1949 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Kings Point, Long Island, New York, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0005 | 0.8 24 | 16 W | 0425 | 7.7 235 |
| | 0607 | 7.0 213 | | 1124 | 0.2 6 |
| | 1250 | 0.6 18 | | 1704 | 6.5 198 |
| | 1842 | 6.1 186 | | 2319 | 0.3 9 |
| 2 W | 0058 | 0.9 27 | 17 Th | 0529 | 7.6 232 |
| | 0702 | 7.0 213 | | 1301 | 0.1 3 |
| | 1343 | 0.5 15 | | 1823 | 6.4 195 |
| | 1939 | 6.1 186 | | | |
| 3 Th | 0149 | 1.0 30 | 18 F | 0033 | 0.4 12 |
| | 0754 | 7.0 213 | | 0646 | 7.6 232 |
| | 1434 | 0.4 12 | | 1416 | −0.2 −6 |
| | 2030 | 6.2 189 | | 1950 | 6.5 198 |
| 4 F | 0238 | 0.9 27 | 19 Sa | 0206 | 0.3 9 |
| | 0842 | 7.1 216 | | 0808 | 7.8 238 |
| | 1521 | 0.2 6 | | 1519 | −0.5 −15 |
| | 2117 | 6.4 195 | | 2059 | 6.8 207 |
| 5 Sa | 0323 | 0.8 24 | 20 Su | 0320 | 0.0 0 |
| | 0925 | 7.2 219 | | 0916 | 8.0 244 |
| | 1604 | 0.1 3 | | 1615 | −0.9 −27 |
| | 2159 | 6.5 198 | | 2156 | 7.2 219 |
| 6 Su | 0403 | 0.7 21 | 21 M | 0420 | −0.3 −9 |
| | 1002 | 7.3 223 | | 1013 | 8.2 250 |
| | 1644 | −0.1 −3 | | 1706 | −1.1 −34 |
| | 2236 | 6.6 201 | | 2249 | 7.4 226 |
| 7 M | 0435 | 0.5 15 | 22 Tu ○ | 0514 | −0.5 −15 |
| | 1032 | 7.4 226 | | 1105 | 8.3 253 |
| | 1718 | −0.2 −6 | | 1754 | −1.2 −37 |
| | 2306 | 6.7 204 | | 2338 | 7.6 232 |
| 8 Tu ● | 0500 | 0.4 12 | 23 W | 0603 | −0.6 −18 |
| | 1055 | 7.5 229 | | 1154 | 8.2 250 |
| | 1745 | −0.2 −6 | | 1839 | −1.1 −34 |
| | 2329 | 6.8 207 | | | |
| 9 W | 0528 | 0.2 6 | 24 Th | 0025 | 7.7 235 |
| | 1122 | 7.7 235 | | 0651 | −0.5 −15 |
| | 1807 | −0.4 −12 | | 1240 | 8.0 244 |
| | 2353 | 7.0 213 | | 1922 | −0.9 −27 |
| 10 Th | 0603 | 0.0 0 | 25 F | 0110 | 7.7 235 |
| | 1158 | 7.8 238 | | 0737 | −0.3 −9 |
| | 1835 | −0.5 −15 | | 1326 | 7.6 232 |
| | | | | 2003 | −0.5 −15 |
| 11 F | 0027 | 7.2 219 | 26 Sa | 0154 | 7.6 232 |
| | 0643 | −0.1 −3 | | 0824 | −0.1 −3 |
| | 1238 | 7.8 238 | | 1411 | 7.2 219 |
| | 1910 | −0.5 −15 | | 2041 | −0.1 −3 |
| 12 Sa | 0106 | 7.4 226 | 27 Su | 0237 | 7.4 226 |
| | 0726 | −0.1 −3 | | 0912 | 0.2 6 |
| | 1323 | 7.7 235 | | 1456 | 6.8 207 |
| | 1950 | −0.5 −15 | | 2115 | 0.4 12 |
| 13 Su | 0150 | 7.6 232 | 28 M | 0319 | 7.2 219 |
| | 0814 | −0.1 −3 | | 1004 | 0.5 15 |
| | 1411 | 7.5 229 | | 1545 | 6.3 192 |
| | 2034 | −0.4 −12 | | 2143 | 0.8 24 |
| 14 M | 0238 | 7.7 235 | 29 Tu | 0403 | 6.9 210 |
| | 0908 | 0.0 0 | | 1101 | 0.7 21 |
| | 1503 | 7.2 219 | | 1643 | 6.0 183 |
| | 2123 | −0.2 −6 | | 2220 | 1.1 34 |
| 15 Tu ◐ | 0329 | 7.7 235 | 30 W ◑ | 0455 | 6.6 201 |
| | 1008 | 0.1 3 | | 1201 | 0.9 27 |
| | 1559 | 6.9 210 | | 1749 | 5.8 177 |
| | 2217 | 0.1 3 | | 2321 | 1.3 40 |
| | | | 31 Th | 0601 | 6.5 198 |
| | | | | 1259 | 0.9 27 |
| | | | | 1855 | 5.7 174 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 F | 0053 | 1.4 43 | 16 Sa | 0057 | 0.7 21 |
| | 0708 | 6.5 198 | | 0656 | 7.2 219 |
| | 1355 | 0.8 24 | | 1408 | 0.0 0 |
| | 1953 | 5.9 180 | | 1953 | 6.5 198 |
| 2 Sa | 0156 | 1.3 40 | 17 Su | 0218 | 0.4 12 |
| | 0806 | 6.6 201 | | 0819 | 7.5 229 |
| | 1446 | 0.6 18 | | 1508 | −0.4 −12 |
| | 2044 | 6.1 186 | | 2056 | 6.9 210 |
| 3 Su | 0248 | 1.0 30 | 18 M | 0320 | 0.0 0 |
| | 0855 | 6.8 207 | | 0920 | 7.8 238 |
| | 1533 | 0.4 12 | | 1601 | −0.7 −21 |
| | 2129 | 6.3 192 | | 2150 | 7.3 223 |
| 4 M | 0332 | 0.7 21 | 19 Tu | 0415 | −0.4 −12 |
| | 0935 | 7.1 216 | | 1012 | 8.0 244 |
| | 1614 | 0.1 3 | | 1650 | −0.9 −27 |
| | 2206 | 6.6 201 | | 2238 | 7.7 235 |
| 5 Tu | 0410 | 0.4 12 | 20 W ○ | 0505 | −0.6 −18 |
| | 1007 | 7.4 226 | | 1058 | 8.1 247 |
| | 1649 | −0.2 −6 | | 1735 | −1.0 −30 |
| | 2236 | 6.9 210 | | 2322 | 7.9 241 |
| 6 W ● | 0442 | 0.1 3 | 21 Th | 0551 | −0.7 −21 |
| | 1034 | 7.6 232 | | 1142 | 8.0 244 |
| | 1717 | −0.4 −12 | | 1816 | −0.9 −27 |
| | 2259 | 7.2 219 | | | |
| 7 Th | 0513 | −0.2 −6 | 22 F | 0003 | 8.0 244 |
| | 1104 | 7.8 238 | | 0634 | −0.7 −21 |
| | 1742 | −0.6 −18 | | 1222 | 7.8 238 |
| | 2327 | 7.5 229 | | 1853 | −0.6 −18 |
| 8 F | 0549 | −0.5 −15 | 23 Sa | 0041 | 7.9 241 |
| | 1140 | 8.0 244 | | 0714 | −0.5 −15 |
| | 1811 | −0.7 −21 | | 1301 | 7.5 229 |
| | | | | 1925 | −0.2 −6 |
| 9 Sa | 0002 | 7.8 238 | 24 Su | 0116 | 7.8 238 |
| | 0628 | −0.6 −18 | | 0750 | −0.2 −6 |
| | 1220 | 8.0 244 | | 1338 | 7.1 216 |
| | 1846 | −0.8 −24 | | 1944 | 0.2 6 |
| 10 Su | 0042 | 8.1 247 | 25 M | 0146 | 7.6 232 |
| | 0711 | −0.6 −18 | | 0819 | 0.1 3 |
| | 1305 | 7.8 238 | | 1413 | 6.8 207 |
| | 1925 | −0.7 −21 | | 2000 | 0.5 15 |
| 11 M | 0126 | 8.2 250 | 26 Tu | 0216 | 7.3 223 |
| | 0758 | −0.5 −15 | | 0842 | 0.4 12 |
| | 1353 | 7.6 232 | | 1448 | 6.4 195 |
| | 2010 | −0.5 −15 | | 2032 | 0.8 24 |
| 12 Tu | 0213 | 8.2 250 | 27 W | 0250 | 7.0 213 |
| | 0851 | −0.3 −9 | | 0916 | 0.7 21 |
| | 1445 | 7.2 219 | | 1529 | 6.1 186 |
| | 2059 | −0.1 −3 | | 2115 | 1.1 34 |
| 13 W ◐ | 0305 | 7.9 241 | 28 Th ◑ | 0331 | 6.7 204 |
| | 0954 | 0.0 0 | | 1004 | 1.0 30 |
| | 1542 | 6.8 207 | | 1620 | 5.9 180 |
| | 2156 | 0.3 9 | | 2206 | 1.4 43 |
| 14 Th | 0403 | 7.6 232 | 29 F | 0422 | 6.4 195 |
| | 1128 | 0.3 9 | | 1117 | 1.2 37 |
| | 1652 | 6.4 195 | | 1742 | 5.7 174 |
| | 2306 | 0.6 18 | | 2307 | 1.5 46 |
| 15 F | 0515 | 7.3 223 | | | |
| | 1259 | 0.2 6 | | | |
| | 1829 | 6.3 192 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0530 | 6.2 189 | 16 Su | 0104 | 0.7 21 |
| | 1303 | 1.2 37 | | 0706 | 7.1 216 |
| | 1905 | 5.8 177 | | 1352 | 0.1 3 |
| | | | | 1946 | 6.9 210 |
| 2 Su | 0025 | 1.5 46 | 17 M | 0211 | 0.4 12 |
| | 0712 | 6.3 192 | | 0814 | 7.4 226 |
| | 1402 | 1.0 30 | | 1450 | −0.2 −6 |
| | 2003 | 6.0 183 | | 2044 | 7.3 223 |
| 3 M | 0159 | 1.2 37 | 18 Tu | 0310 | −0.1 −3 |
| | 0813 | 6.6 201 | | 0910 | 7.7 235 |
| | 1452 | 0.7 21 | | 1541 | −0.5 −15 |
| | 2049 | 6.4 195 | | 2135 | 7.7 235 |
| 4 Tu | 0253 | 0.8 24 | 19 W | 0402 | −0.4 −12 |
| | 0857 | 7.0 213 | | 0959 | 7.9 241 |
| | 1534 | 0.3 9 | | 1628 | −0.6 −18 |
| | 2126 | 6.8 207 | | 2220 | 8.1 247 |
| 5 W | 0337 | 0.3 9 | 20 Th | 0449 | −0.6 −18 |
| | 0932 | 7.4 226 | | 1043 | 7.9 241 |
| | 1608 | −0.1 −3 | | 1710 | −0.6 −18 |
| | 2154 | 7.3 223 | | 2300 | 8.2 250 |
| 6 Th | 0415 | −0.1 −3 | 21 F ○ | 0533 | −0.7 −21 |
| | 1005 | 7.8 238 | | 1124 | 7.8 238 |
| | 1638 | −0.4 −12 | | 1749 | −0.4 −12 |
| | 2223 | 7.8 238 | | 2337 | 8.2 250 |
| 7 F ● | 0453 | −0.5 −15 | 22 Sa | 0613 | −0.6 −18 |
| | 1040 | 8.0 244 | | 1201 | 7.6 232 |
| | 1708 | −0.6 −18 | | 1822 | −0.1 −3 |
| | 2256 | 8.2 250 | | | |
| 8 Sa | 0532 | −0.8 −24 | 23 Su | 0010 | 8.1 247 |
| | 1120 | 8.1 247 | | 0649 | −0.4 −12 |
| | 1742 | −0.8 −24 | | 1236 | 7.4 226 |
| | 2335 | 8.6 262 | | 1846 | 0.2 6 |
| 9 Su | 0613 | −1.0 −30 | 24 M | 0037 | 7.9 241 |
| | 1202 | 8.1 247 | | 0717 | −0.1 −3 |
| | 1821 | −0.8 −24 | | 1308 | 7.1 216 |
| | | | | 1855 | 0.5 15 |
| 10 M | 0017 | 8.7 265 | 25 Tu | 0100 | 7.7 235 |
| | 0657 | −1.0 −30 | | 0732 | 0.1 3 |
| | 1248 | 7.9 241 | | 1336 | 6.9 210 |
| | 1903 | −0.6 −18 | | 1919 | 0.7 21 |
| 11 Tu | 0103 | 8.7 265 | 26 W | 0128 | 7.4 226 |
| | 0746 | −0.8 −24 | | 0753 | 0.4 12 |
| | 1338 | 7.6 232 | | 1405 | 6.6 201 |
| | 1949 | −0.3 −9 | | 1955 | 0.9 27 |
| 12 W | 0153 | 8.4 256 | 27 Th | 0204 | 7.2 219 |
| | 0841 | −0.4 −12 | | 0830 | 0.7 21 |
| | 1432 | 7.2 219 | | 1442 | 6.4 195 |
| | 2042 | 0.1 3 | | 2039 | 1.2 37 |
| 13 Th | 0247 | 8.0 244 | 28 F | 0246 | 6.9 210 |
| | 0957 | 0.1 3 | | 0915 | 0.9 27 |
| | 1535 | 6.8 207 | | 1527 | 6.2 189 |
| | 2146 | 0.6 18 | | 2129 | 1.4 43 |
| 14 F ◐ | 0352 | 7.5 229 | 29 Sa ◑ | 0335 | 6.6 201 |
| | 1133 | 0.3 9 | | 1009 | 1.2 37 |
| | 1659 | 6.5 198 | | 1620 | 6.0 183 |
| | 2334 | 0.9 27 | | 2226 | 1.5 46 |
| 15 Sa | 0525 | 7.1 216 | 30 Su | 0432 | 6.5 198 |
| | 1248 | 0.3 9 | | 1114 | 1.3 40 |
| | 1834 | 6.5 198 | | 1725 | 6.0 183 |
| | | | | 2331 | 1.5 46 |
| | | | 31 M | 0539 | 6.5 198 |
| | | | | 1233 | 1.2 37 |
| | | | | 1847 | 6.2 189 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Kings Point, Long Island, New York, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Tu | 0046 | 1.3 40 | **16** W | 0251 | 0.0 0 |
| | 0656 | 6.7 204 | | 0851 | 7.5 229 |
| | 1344 | 0.9 27 | | 1514 | −0.1 −3 |
| | 1946 | 6.7 204 | | 2112 | 8.1 247 |
| **2** W | 0200 | 0.8 24 | **17** Th | 0342 | −0.3 −9 |
| | 0800 | 7.0 213 | | 0939 | 7.6 232 |
| | 1432 | 0.5 15 | | 1600 | −0.1 −3 |
| | 2028 | 7.2 219 | | 2155 | 8.3 253 |
| **3** Th | 0257 | 0.3 9 | **18** F | 0429 | −0.5 −15 |
| | 0848 | 7.4 226 | | 1022 | 7.6 232 |
| | 1513 | 0.1 3 | | 1642 | 0.0 0 |
| | 2106 | 7.8 238 | | 2234 | 8.3 253 |
| **4** F | 0345 | −0.2 −6 | **19** Sa | 0511 | −0.5 −15 |
| | 0932 | 7.8 238 | | 1102 | 7.6 232 |
| | 1552 | −0.2 −6 | | 1720 | 0.2 6 |
| | 2145 | 8.4 256 | | 2309 | 8.3 253 |
| **5** Sa ● | 0430 | −0.7 −21 | **20** Su ○ | 0550 | −0.4 −12 |
| | 1015 | 8.1 247 | | 1140 | 7.4 226 |
| | 1632 | −0.5 −15 | | 1753 | 0.4 12 |
| | 2225 | 8.8 268 | | 2339 | 8.1 247 |
| **6** Su | 0514 | −1.0 −30 | **21** M | 0624 | −0.2 −6 |
| | 1059 | 8.2 250 | | 1214 | 7.3 223 |
| | 1714 | −0.6 −18 | | 1813 | 0.7 21 |
| | 2309 | 9.1 277 | | | |
| **7** M | 0600 | −1.2 −37 | **22** Tu | 0002 | 7.9 241 |
| | 1145 | 8.2 250 | | 0650 | 0.0 0 |
| | 1758 | −0.5 −15 | | 1243 | 7.1 216 |
| | 2355 | 9.1 277 | | 1823 | 0.8 24 |
| **8** Tu | 0648 | −1.0 −30 | **23** W | 0024 | 7.7 235 |
| | 1234 | 8.0 244 | | 0701 | 0.2 6 |
| | 1845 | −0.3 −9 | | 1307 | 6.9 210 |
| | | | | 1850 | 0.9 27 |
| **9** W | 0044 | 8.9 271 | **24** Th | 0054 | 7.5 229 |
| | 0741 | −0.7 −21 | | 0724 | 0.4 12 |
| | 1328 | 7.7 235 | | 1334 | 6.8 207 |
| | 1936 | 0.0 0 | | 1928 | 1.1 34 |
| **10** Th | 0138 | 8.5 259 | **25** F | 0131 | 7.3 223 |
| | 0845 | −0.3 −9 | | 0800 | 0.6 18 |
| | 1428 | 7.3 223 | | 1410 | 6.7 204 |
| | 2037 | 0.4 12 | | 2011 | 1.2 37 |
| **11** F | 0239 | 8.0 244 | **26** Sa | 0215 | 7.2 219 |
| | 1006 | 0.1 3 | | 0845 | 0.8 24 |
| | 1540 | 7.0 213 | | 1453 | 6.6 201 |
| | 2206 | 0.8 24 | | 2100 | 1.3 40 |
| **12** Sa ◐ | 0356 | 7.5 229 | **27** Su | 0303 | 7.0 213 |
| | 1122 | 0.3 9 | | 0935 | 0.9 27 |
| | 1706 | 6.9 210 | | 1542 | 6.5 198 |
| | 2341 | 0.8 24 | | 2155 | 1.4 43 |
| **13** Su | 0535 | 7.2 219 | **28** M ◑ | 0356 | 6.9 210 |
| | 1229 | 0.3 9 | | 1030 | 1.0 30 |
| | 1823 | 7.0 213 | | 1636 | 6.6 201 |
| | | | | 2255 | 1.3 40 |
| **14** M | 0053 | 0.6 18 | **29** Tu | 0454 | 6.8 207 |
| | 0653 | 7.2 219 | | 1129 | 0.9 27 |
| | 1329 | 0.1 3 | | 1735 | 6.8 207 |
| | 1927 | 7.3 223 | | | |
| **15** Tu | 0155 | 0.3 9 | **30** W | 0001 | 1.1 34 |
| | 0757 | 7.3 223 | | 0558 | 6.9 210 |
| | 1424 | 0.0 0 | | 1228 | 0.8 24 |
| | 2023 | 7.7 235 | | 1835 | 7.2 219 |

## May

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Th | 0110 | 0.7 21 | **16** F | 0317 | −0.1 −3 |
| | 0704 | 7.1 216 | | 0913 | 7.2 219 |
| | 1325 | 0.5 15 | | 1530 | 0.4 12 |
| | 1931 | 7.8 238 | | 2126 | 8.2 250 |
| **2** F | 0217 | 0.2 6 | **17** Sa | 0404 | −0.2 −6 |
| | 0805 | 7.4 226 | | 0958 | 7.3 223 |
| | 1418 | 0.3 9 | | 1613 | 0.6 18 |
| | 2022 | 8.3 253 | | 2206 | 8.2 250 |
| **3** Sa | 0315 | −0.3 −9 | **18** Su | 0447 | −0.3 −9 |
| | 0859 | 7.7 235 | | 1039 | 7.3 223 |
| | 1510 | 0.0 0 | | 1652 | 0.7 21 |
| | 2110 | 8.8 268 | | 2242 | 8.1 247 |
| **4** Su | 0409 | −0.7 −21 | **19** M ○ | 0526 | −0.2 −6 |
| | 0950 | 7.9 241 | | 1118 | 7.2 219 |
| | 1600 | −0.2 −6 | | 1726 | 0.8 24 |
| | 2158 | 9.2 280 | | 2313 | 7.9 241 |
| **5** M ● | 0500 | −1.0 −30 | **20** Tu | 0601 | 0.0 0 |
| | 1040 | 8.1 247 | | 1153 | 7.1 216 |
| | 1650 | −0.3 −9 | | 1749 | 1.0 30 |
| | 2246 | 9.3 283 | | 2337 | 7.8 238 |
| **6** Tu | 0551 | −1.1 −34 | **21** W | 0630 | 0.2 6 |
| | 1131 | 8.1 247 | | 1223 | 7.0 213 |
| | 1741 | −0.3 −9 | | 1802 | 1.0 30 |
| | 2337 | 9.2 280 | | 2359 | 7.6 232 |
| **7** W | 0645 | −1.0 −30 | **22** Th | 0644 | 0.3 9 |
| | 1225 | 7.9 241 | | 1245 | 7.0 213 |
| | 1835 | −0.1 −3 | | 1830 | 1.0 30 |
| **8** Th | 0032 | 8.9 271 | **23** F | 0029 | 7.6 232 |
| | 0743 | −0.7 −21 | | 0705 | 0.4 12 |
| | 1324 | 7.7 235 | | 1310 | 6.9 210 |
| | 1934 | 0.2 6 | | 1907 | 1.0 30 |
| **9** F | 0132 | 8.5 259 | **24** Sa | 0107 | 7.5 229 |
| | 0847 | −0.4 −12 | | 0739 | 0.5 15 |
| | 1429 | 7.5 229 | | 1344 | 6.9 210 |
| | 2048 | 0.5 15 | | 1949 | 1.1 34 |
| **10** Sa | 0240 | 8.0 244 | **25** Su | 0149 | 7.4 226 |
| | 0955 | −0.1 −3 | | 0820 | 0.5 15 |
| | 1541 | 7.4 226 | | 1425 | 7.0 213 |
| | 2212 | 0.7 21 | | 2036 | 1.1 34 |
| **11** Su ◐ | 0401 | 7.6 232 | **26** M | 0236 | 7.4 226 |
| | 1101 | 0.1 3 | | 0906 | 0.6 18 |
| | 1652 | 7.4 226 | | 1511 | 7.1 216 |
| | 2326 | 0.7 21 | | 2128 | 1.1 34 |
| **12** M | 0519 | 7.3 223 | **27** Tu ◑ | 0326 | 7.3 223 |
| | 1202 | 0.2 6 | | 0956 | 0.6 18 |
| | 1759 | 7.5 229 | | 1600 | 7.2 219 |
| | | | | 2225 | 1.0 30 |
| **13** Tu | 0032 | 0.6 18 | **28** W | 0421 | 7.2 219 |
| | 0629 | 7.2 219 | | 1048 | 0.6 18 |
| | 1259 | 0.3 9 | | 1654 | 7.5 229 |
| | 1900 | 7.7 235 | | 2327 | 0.8 24 |
| **14** W | 0131 | 0.3 9 | **29** Th | 0520 | 7.1 216 |
| | 0730 | 7.1 216 | | 1143 | 0.6 18 |
| | 1353 | 0.3 9 | | 1750 | 7.8 238 |
| | 1954 | 7.9 241 | | | |
| **15** Th | 0226 | 0.1 3 | **30** F | 0033 | 0.5 15 |
| | 0824 | 7.2 219 | | 0624 | 7.1 216 |
| | 1443 | 0.4 12 | | 1239 | 0.5 15 |
| | 2042 | 8.1 247 | | 1848 | 8.2 250 |
| | | | **31** Sa | 0143 | 0.2 6 |
| | | | | 0729 | 7.3 223 |
| | | | | 1337 | 0.4 12 |
| | | | | 1946 | 8.6 262 |

## June

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Su | 0252 | −0.2 −6 | **16** M | 0420 | 0.1 3 |
| | 0832 | 7.5 229 | | 1014 | 7.0 213 |
| | 1436 | 0.2 6 | | 1625 | 1.0 30 |
| | 2042 | 8.9 271 | | 2218 | 7.8 238 |
| **2** M | 0354 | −0.6 −18 | **17** Tu | 0501 | 0.1 3 |
| | 0930 | 7.7 235 | | 1055 | 7.1 216 |
| | 1536 | 0.1 3 | | 1702 | 1.0 30 |
| | 2137 | 9.1 277 | | 2253 | 7.7 235 |
| **3** Tu ● | 0452 | −0.8 −24 | **18** W ○ | 0538 | 0.2 6 |
| | 1026 | 7.8 238 | | 1131 | 7.1 216 |
| | 1636 | 0.0 0 | | 1731 | 1.0 30 |
| | 2232 | 9.2 280 | | 2320 | 7.7 235 |
| **4** W | 0547 | −0.9 −27 | **19** Th | 0610 | 0.2 6 |
| | 1122 | 7.9 241 | | 1203 | 7.0 213 |
| | 1736 | −0.1 −3 | | 1749 | 1.0 30 |
| | 2329 | 9.0 274 | | 2341 | 7.6 232 |
| **5** Th | 0642 | −0.9 −27 | **20** F | 0630 | 0.3 9 |
| | 1220 | 7.9 241 | | 1225 | 7.0 213 |
| | 1836 | 0.0 0 | | 1814 | 0.9 27 |
| **6** F | 0028 | 8.8 268 | **21** Sa | 0009 | 7.7 235 |
| | 0737 | −0.7 −21 | | 0648 | 0.3 9 |
| | 1321 | 7.9 241 | | 1247 | 7.1 216 |
| | 1940 | 0.1 3 | | 1849 | 0.8 24 |
| **7** Sa | 0131 | 8.4 256 | **22** Su | 0045 | 7.7 235 |
| | 0835 | −0.5 −15 | | 0719 | 0.2 6 |
| | 1423 | 7.8 238 | | 1319 | 7.3 223 |
| | 2048 | 0.3 9 | | 1930 | 0.8 24 |
| **8** Su | 0237 | 8.0 244 | **23** M | 0126 | 7.7 235 |
| | 0933 | −0.2 −6 | | 0756 | 0.2 6 |
| | 1525 | 7.8 238 | | 1358 | 7.4 226 |
| | 2157 | 0.5 15 | | 2015 | 0.7 21 |
| **9** M | 0344 | 7.6 232 | **24** Tu | 0211 | 7.6 232 |
| | 1031 | 0.1 3 | | 0838 | 0.2 6 |
| | 1626 | 7.7 235 | | 1442 | 7.6 232 |
| | 2302 | 0.6 18 | | 2104 | 0.7 21 |
| **10** Tu ◐ | 0451 | 7.2 219 | **25** W | 0300 | 7.5 229 |
| | 1128 | 0.3 9 | | 0924 | 0.3 9 |
| | 1726 | 7.7 235 | | 1529 | 7.8 238 |
| | | | | 2159 | 0.7 21 |
| **11** W | 0004 | 0.5 15 | **26** Th ◑ | 0353 | 7.3 223 |
| | 0555 | 7.0 213 | | 1014 | 0.4 12 |
| | 1223 | 0.6 18 | | 1620 | 8.0 244 |
| | 1824 | 7.8 238 | | 2258 | 0.6 18 |
| **12** Th | 0102 | 0.5 15 | **27** F | 0450 | 7.1 216 |
| | 0656 | 6.8 207 | | 1107 | 0.5 15 |
| | 1316 | 0.8 24 | | 1716 | 8.1 247 |
| | 1918 | 7.8 238 | | | |
| **13** F | 0157 | 0.3 9 | **28** Sa | 0005 | 0.5 15 |
| | 0752 | 6.8 207 | | 0554 | 7.0 213 |
| | 1408 | 0.9 27 | | 1205 | 0.6 18 |
| | 2009 | 7.9 241 | | 1816 | 8.3 253 |
| **14** Sa | 0248 | 0.2 6 | **29** Su | 0123 | 0.3 9 |
| | 0844 | 6.9 210 | | 0703 | 7.0 213 |
| | 1457 | 1.0 30 | | 1308 | 0.6 18 |
| | 2055 | 7.9 241 | | 1920 | 8.5 259 |
| **15** Su | 0336 | 0.1 3 | **30** M | 0243 | 0.0 0 |
| | 0931 | 6.9 210 | | 0815 | 7.2 219 |
| | 1543 | 1.0 30 | | 1417 | 0.5 15 |
| | 2139 | 7.9 241 | | 2026 | 8.6 262 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Kings Point, Long Island, New York, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0348 | −0.4 | −12 |
| | 0921 | 7.4 | 226 |
| | 1531 | 0.3 | 9 |
| | 2129 | 8.8 | 268 |
| **2** W ● | 0446 | −0.6 | −18 |
| | 1020 | 7.7 | 235 |
| | 1640 | 0.1 | 3 |
| | 2229 | 8.9 | 271 |
| **3** Th | 0540 | −0.8 | −24 |
| | 1117 | 7.9 | 241 |
| | 1740 | −0.1 | −3 |
| | 2328 | 8.8 | 268 |
| **4** F | 0631 | −0.9 | −27 |
| | 1213 | 8.0 | 244 |
| | 1837 | −0.1 | −3 |
| **5** Sa | 0026 | 8.7 | 265 |
| | 0722 | −0.7 | −21 |
| | 1308 | 8.1 | 247 |
| | 1934 | 0.0 | 0 |
| **6** Su | 0123 | 8.3 | 253 |
| | 0812 | −0.5 | −15 |
| | 1403 | 8.1 | 247 |
| | 2032 | 0.1 | 3 |
| **7** M | 0219 | 8.0 | 244 |
| | 0902 | −0.2 | −6 |
| | 1456 | 8.0 | 244 |
| | 2131 | 0.3 | 9 |
| **8** Tu | 0317 | 7.5 | 229 |
| | 0953 | 0.2 | 6 |
| | 1550 | 7.9 | 241 |
| | 2231 | 0.5 | 15 |
| **9** W ◐ | 0415 | 7.1 | 216 |
| | 1046 | 0.6 | 18 |
| | 1644 | 7.8 | 238 |
| | 2330 | 0.6 | 18 |
| **10** Th | 0516 | 6.7 | 204 |
| | 1140 | 1.0 | 30 |
| | 1740 | 7.6 | 232 |
| **11** F | 0027 | 0.7 | 21 |
| | 0618 | 6.5 | 198 |
| | 1235 | 1.2 | 37 |
| | 1837 | 7.5 | 229 |
| **12** Sa | 0122 | 0.7 | 21 |
| | 0717 | 6.5 | 198 |
| | 1330 | 1.4 | 43 |
| | 1932 | 7.4 | 226 |
| **13** Su | 0215 | 0.7 | 21 |
| | 0812 | 6.6 | 201 |
| | 1423 | 1.4 | 43 |
| | 2024 | 7.4 | 226 |
| **14** M | 0305 | 0.6 | 18 |
| | 0902 | 6.7 | 204 |
| | 1512 | 1.3 | 40 |
| | 2112 | 7.5 | 229 |
| **15** Tu | 0351 | 0.5 | 15 |
| | 0947 | 6.9 | 210 |
| | 1557 | 1.2 | 37 |
| | 2154 | 7.6 | 232 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0434 | 0.4 | 12 |
| | 1028 | 7.0 | 213 |
| | 1636 | 1.0 | 30 |
| | 2231 | 7.6 | 232 |
| **17** Th | 0512 | 0.3 | 9 |
| | 1105 | 7.1 | 216 |
| | 1709 | 0.9 | 27 |
| | 2300 | 7.7 | 235 |
| **18** F ○ | 0543 | 0.2 | 6 |
| | 1135 | 7.2 | 219 |
| | 1733 | 0.8 | 24 |
| | 2322 | 7.8 | 238 |
| **19** Sa | 0606 | 0.2 | 6 |
| | 1155 | 7.3 | 223 |
| | 1758 | 0.6 | 18 |
| | 2348 | 7.9 | 241 |
| **20** Su | 0624 | 0.1 | 3 |
| | 1218 | 7.5 | 229 |
| | 1831 | 0.5 | 15 |
| **21** M | 0024 | 7.9 | 241 |
| | 0653 | 0.0 | 0 |
| | 1251 | 7.8 | 238 |
| | 1910 | 0.4 | 12 |
| **22** Tu | 0104 | 7.9 | 241 |
| | 0729 | 0.0 | 0 |
| | 1330 | 8.0 | 244 |
| | 1954 | 0.3 | 9 |
| **23** W | 0149 | 7.8 | 238 |
| | 0810 | 0.0 | 0 |
| | 1413 | 8.2 | 250 |
| | 2042 | 0.3 | 9 |
| **24** Th | 0237 | 7.6 | 232 |
| | 0855 | 0.2 | 6 |
| | 1500 | 8.3 | 253 |
| | 2135 | 0.4 | 12 |
| **25** F ◑ | 0329 | 7.4 | 226 |
| | 0945 | 0.4 | 12 |
| | 1552 | 8.3 | 253 |
| | 2236 | 0.5 | 15 |
| **26** Sa | 0427 | 7.1 | 216 |
| | 1040 | 0.6 | 18 |
| | 1649 | 8.2 | 250 |
| | 2351 | 0.6 | 18 |
| **27** Su | 0533 | 6.9 | 210 |
| | 1143 | 0.8 | 24 |
| | 1754 | 8.1 | 247 |
| **28** M | 0126 | 0.4 | 12 |
| | 0652 | 6.8 | 207 |
| | 1257 | 0.8 | 24 |
| | 1909 | 8.1 | 247 |
| **29** Tu | 0240 | 0.1 | 3 |
| | 0814 | 7.1 | 216 |
| | 1429 | 0.7 | 21 |
| | 2028 | 8.3 | 253 |
| **30** W | 0342 | −0.2 | −6 |
| | 0920 | 7.4 | 226 |
| | 1543 | 0.3 | 9 |
| | 2135 | 8.5 | 259 |
| **31** Th | 0436 | −0.5 | −15 |
| | 1017 | 7.8 | 238 |
| | 1643 | 0.0 | 0 |
| | 2232 | 8.7 | 265 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0526 | −0.7 | −21 |
| | 1109 | 8.1 | 247 |
| | 1737 | −0.2 | −6 |
| | 2325 | 8.7 | 265 |
| **2** Sa | 0614 | −0.8 | −24 |
| | 1159 | 8.3 | 253 |
| | 1828 | −0.3 | −9 |
| **3** Su | 0015 | 8.5 | 259 |
| | 0659 | −0.6 | −18 |
| | 1247 | 8.4 | 256 |
| | 1918 | −0.2 | −6 |
| **4** M | 0104 | 8.2 | 250 |
| | 0742 | −0.3 | −9 |
| | 1333 | 8.3 | 253 |
| | 2007 | 0.0 | 0 |
| **5** Tu | 0153 | 7.8 | 238 |
| | 0824 | 0.1 | 3 |
| | 1419 | 8.2 | 250 |
| | 2058 | 0.3 | 9 |
| **6** W | 0243 | 7.4 | 226 |
| | 0905 | 0.6 | 18 |
| | 1504 | 7.9 | 241 |
| | 2152 | 0.6 | 18 |
| **7** Th | 0335 | 6.9 | 210 |
| | 0948 | 1.0 | 30 |
| | 1551 | 7.6 | 232 |
| | 2248 | 0.9 | 27 |
| **8** F ◐ | 0432 | 6.6 | 201 |
| | 1039 | 1.4 | 43 |
| | 1644 | 7.3 | 223 |
| | 2346 | 1.1 | 34 |
| **9** Sa | 0535 | 6.3 | 192 |
| | 1143 | 1.7 | 52 |
| | 1747 | 7.1 | 216 |
| **10** Su | 0044 | 1.1 | 34 |
| | 0638 | 6.3 | 192 |
| | 1247 | 1.8 | 55 |
| | 1852 | 7.0 | 213 |
| **11** M | 0139 | 1.1 | 34 |
| | 0737 | 6.4 | 195 |
| | 1346 | 1.7 | 52 |
| | 1951 | 7.0 | 213 |
| **12** Tu | 0231 | 1.0 | 30 |
| | 0830 | 6.6 | 201 |
| | 1438 | 1.5 | 46 |
| | 2042 | 7.2 | 219 |
| **13** W | 0318 | 0.8 | 24 |
| | 0916 | 6.8 | 207 |
| | 1525 | 1.2 | 37 |
| | 2126 | 7.4 | 226 |
| **14** Th | 0401 | 0.6 | 18 |
| | 0957 | 7.1 | 216 |
| | 1606 | 1.0 | 30 |
| | 2203 | 7.6 | 232 |
| **15** F | 0438 | 0.4 | 12 |
| | 1031 | 7.3 | 223 |
| | 1640 | 0.7 | 21 |
| | 2231 | 7.8 | 238 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0507 | 0.2 | 6 |
| | 1057 | 7.5 | 229 |
| | 1708 | 0.5 | 15 |
| | 2255 | 8.0 | 244 |
| **17** Su | 0529 | 0.0 | 0 |
| | 1117 | 7.8 | 238 |
| | 1737 | 0.2 | 6 |
| | 2324 | 8.1 | 247 |
| **18** M | 0552 | −0.1 | −3 |
| | 1144 | 8.1 | 247 |
| | 1811 | 0.0 | 0 |
| **19** Tu | 0000 | 8.1 | 247 |
| | 0624 | −0.2 | −6 |
| | 1220 | 8.4 | 256 |
| | 1851 | −0.1 | −3 |
| **20** W | 0042 | 8.1 | 247 |
| | 0701 | −0.1 | −3 |
| | 1301 | 8.6 | 262 |
| | 1934 | −0.1 | −3 |
| **21** Th | 0127 | 7.9 | 241 |
| | 0743 | 0.0 | 0 |
| | 1346 | 8.6 | 262 |
| | 2022 | 0.1 | 3 |
| **22** F | 0216 | 7.6 | 232 |
| | 0829 | 0.3 | 9 |
| | 1435 | 8.5 | 259 |
| | 2117 | 0.3 | 9 |
| **23** Sa ◑ | 0310 | 7.3 | 223 |
| | 0922 | 0.6 | 18 |
| | 1529 | 8.3 | 253 |
| | 2225 | 0.6 | 18 |
| **24** Su | 0411 | 7.0 | 213 |
| | 1023 | 0.9 | 27 |
| | 1631 | 8.0 | 244 |
| **25** M | 0006 | 0.7 | 21 |
| | 0527 | 6.8 | 207 |
| | 1140 | 1.1 | 34 |
| | 1748 | 7.8 | 238 |
| **26** Tu | 0128 | 0.5 | 15 |
| | 0704 | 6.8 | 207 |
| | 1328 | 1.0 | 30 |
| | 1926 | 7.8 | 238 |
| **27** W | 0232 | 0.2 | 6 |
| | 0818 | 7.2 | 219 |
| | 1443 | 0.6 | 18 |
| | 2039 | 8.1 | 247 |
| **28** Th | 0329 | −0.2 | −6 |
| | 0916 | 7.7 | 235 |
| | 1543 | 0.2 | 6 |
| | 2137 | 8.3 | 253 |
| **29** F | 0420 | −0.5 | −15 |
| | 1008 | 8.1 | 247 |
| | 1636 | −0.2 | −6 |
| | 2227 | 8.5 | 259 |
| **30** Sa ● | 0507 | −0.6 | −18 |
| | 1054 | 8.4 | 256 |
| | 1726 | −0.4 | −12 |
| | 2314 | 8.4 | 256 |
| **31** Su | 0550 | −0.6 | −18 |
| | 1138 | 8.6 | 262 |
| | 1812 | −0.4 | −12 |
| | 2358 | 8.3 | 253 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0631 | −0.3 | −9 |
| | 1219 | 8.6 | 262 |
| | 1856 | −0.2 | −6 |
| **2** Tu | 0041 | 8.0 | 244 |
| | 0708 | 0.1 | 3 |
| | 1258 | 8.4 | 256 |
| | 1939 | 0.0 | 0 |
| **3** W | 0124 | 7.6 | 232 |
| | 0739 | 0.5 | 15 |
| | 1334 | 8.2 | 250 |
| | 2021 | 0.3 | 9 |
| **4** Th | 0206 | 7.2 | 219 |
| | 0759 | 0.9 | 27 |
| | 1410 | 7.8 | 238 |
| | 2103 | 0.7 | 21 |
| **5** F | 0250 | 6.8 | 207 |
| | 0826 | 1.3 | 40 |
| | 1447 | 7.5 | 229 |
| | 2150 | 1.1 | 34 |
| **6** Sa | 0340 | 6.5 | 198 |
| | 0907 | 1.6 | 49 |
| | 1531 | 7.1 | 216 |
| | 2252 | 1.3 | 40 |
| **7** Su ◐ | 0442 | 6.3 | 192 |
| | 0959 | 1.9 | 58 |
| | 1628 | 6.8 | 207 |
| | 2357 | 1.5 | 46 |
| **8** M | 0553 | 6.2 | 189 |
| | 1111 | 2.0 | 61 |
| | 1757 | 6.7 | 204 |
| **9** Tu | 0056 | 1.4 | 43 |
| | 0657 | 6.3 | 192 |
| | 1300 | 1.9 | 58 |
| | 1910 | 6.8 | 207 |
| **10** W | 0150 | 1.3 | 40 |
| | 0753 | 6.5 | 198 |
| | 1358 | 1.6 | 49 |
| | 2005 | 7.0 | 213 |
| **11** Th | 0237 | 1.0 | 30 |
| | 0839 | 6.9 | 210 |
| | 1447 | 1.2 | 37 |
| | 2049 | 7.3 | 223 |
| **12** F | 0319 | 0.7 | 21 |
| | 0918 | 7.2 | 219 |
| | 1529 | 0.9 | 27 |
| | 2124 | 7.6 | 232 |
| **13** Sa | 0353 | 0.4 | 12 |
| | 0947 | 7.6 | 232 |
| | 1605 | 0.5 | 15 |
| | 2153 | 7.9 | 241 |
| **14** Su | 0419 | 0.2 | 6 |
| | 1010 | 8.0 | 244 |
| | 1638 | 0.1 | 3 |
| | 2223 | 8.1 | 247 |
| **15** M ○ | 0445 | 0.0 | 0 |
| | 1037 | 8.4 | 256 |
| | 1713 | −0.2 | −6 |
| | 2258 | 8.2 | 250 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0517 | −0.2 | −6 |
| | 1111 | 8.7 | 265 |
| | 1750 | −0.4 | −12 |
| | 2337 | 8.2 | 250 |
| **17** W | 0554 | −0.2 | −6 |
| | 1150 | 9.0 | 274 |
| | 1831 | −0.5 | −15 |
| **18** Th | 0021 | 8.1 | 247 |
| | 0635 | −0.1 | −3 |
| | 1234 | 9.0 | 274 |
| | 1917 | −0.3 | −9 |
| **19** F | 0108 | 7.9 | 241 |
| | 0720 | 0.1 | 3 |
| | 1322 | 8.8 | 268 |
| | 2008 | −0.1 | −3 |
| **20** Sa | 0200 | 7.6 | 232 |
| | 0810 | 0.4 | 12 |
| | 1415 | 8.5 | 259 |
| | 2110 | 0.3 | 9 |
| **21** Su | 0258 | 7.2 | 219 |
| | 0908 | 0.8 | 24 |
| | 1514 | 8.1 | 247 |
| | 2243 | 0.6 | 18 |
| **22** M ◑ | 0409 | 6.9 | 210 |
| | 1024 | 1.1 | 34 |
| | 1627 | 7.7 | 235 |
| **23** Tu | 0010 | 0.6 | 18 |
| | 0545 | 6.8 | 207 |
| | 1218 | 1.1 | 34 |
| | 1811 | 7.5 | 229 |
| **24** W | 0117 | 0.4 | 12 |
| | 0707 | 7.1 | 216 |
| | 1335 | 0.8 | 24 |
| | 1934 | 7.7 | 235 |
| **25** Th | 0216 | 0.1 | 3 |
| | 0811 | 7.6 | 232 |
| | 1437 | 0.4 | 12 |
| | 2035 | 7.9 | 241 |
| **26** F | 0310 | −0.2 | −6 |
| | 0904 | 8.1 | 247 |
| | 1532 | 0.0 | 0 |
| | 2127 | 8.1 | 247 |
| **27** Sa | 0358 | −0.4 | −12 |
| | 0951 | 8.4 | 256 |
| | 1623 | −0.3 | −9 |
| | 2214 | 8.2 | 250 |
| **28** Su | 0443 | −0.4 | −12 |
| | 1034 | 8.7 | 265 |
| | 1709 | −0.5 | −15 |
| | 2258 | 8.1 | 247 |
| **29** M ● | 0525 | −0.2 | −6 |
| | 1113 | 8.7 | 265 |
| | 1753 | −0.4 | −12 |
| | 2339 | 7.9 | 241 |
| **30** Tu | 0602 | 0.1 | 3 |
| | 1149 | 8.6 | 262 |
| | 1833 | −0.3 | −9 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Kings Point, Long Island, New York, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** W | 0018 | 7.7 / 235 | **16** Th | 0527 | −0.2 / −6 |
| | 0633 | 0.5 / 15 | | 1125 | 9.3 / 283 |
| | 1221 | 8.3 / 253 | | 1816 | −0.7 / −21 |
| | 1910 | 0.0 / 0 | | | |
| **2** Th | 0055 | 7.4 / 226 | **17** F | 0002 | 8.0 / 244 |
| | 0651 | 0.8 / 24 | | 0613 | −0.1 / −3 |
| | 1250 | 8.0 / 244 | | 1213 | 9.1 / 277 |
| | 1941 | 0.4 / 12 | | 1906 | −0.5 / −15 |
| **3** F | 0131 | 7.1 / 216 | **18** Sa | 0054 | 7.8 / 238 |
| | 0709 | 1.1 / 34 | | 0703 | 0.1 / 3 |
| | 1320 | 7.7 / 235 | | 1305 | 8.8 / 268 |
| | 2001 | 0.7 / 21 | | 2004 | −0.2 / −6 |
| **4** Sa | 0206 | 6.8 / 207 | **19** Su | 0150 | 7.5 / 229 |
| | 0743 | 1.4 / 43 | | 0759 | 0.5 / 15 |
| | 1356 | 7.4 / 226 | | 1403 | 8.3 / 253 |
| | 2028 | 1.0 / 30 | | 2121 | 0.2 / 6 |
| **5** Su | 0245 | 6.5 / 198 | **20** M | 0257 | 7.2 / 219 |
| | 0826 | 1.6 / 49 | | 0909 | 0.8 / 24 |
| | 1439 | 7.1 / 216 | | 1510 | 7.9 / 241 |
| | 2112 | 1.3 / 40 | | 2245 | 0.4 / 12 |
| **6** M | 0333 | 6.3 / 192 | **21** Tu ◑ | 0421 | 7.0 / 213 |
| | 0917 | 1.8 / 55 | | 1056 | 1.0 / 30 |
| | 1529 | 6.8 / 207 | | 1642 | 7.5 / 229 |
| | 2210 | 1.5 / 46 | | 2355 | 0.4 / 12 |
| **7** Tu ◐ | 0438 | 6.2 / 189 | **22** W | 0545 | 7.1 / 216 |
| | 1016 | 1.9 / 58 | | 1218 | 0.8 / 24 |
| | 1628 | 6.6 / 201 | | 1813 | 7.4 / 226 |
| | 2342 | 1.5 / 46 | | | |
| **8** W | 0600 | 6.3 / 192 | **23** Th | 0057 | 0.2 / 6 |
| | 1129 | 1.8 / 55 | | 0655 | 7.5 / 229 |
| | 1745 | 6.6 / 201 | | 1323 | 0.5 / 15 |
| | | | | 1922 | 7.5 / 229 |
| **9** Th | 0049 | 1.3 / 40 | **24** F | 0154 | 0.0 / 0 |
| | 0701 | 6.5 / 198 | | 0753 | 7.9 / 241 |
| | 1257 | 1.6 / 49 | | 1422 | 0.1 / 3 |
| | 1904 | 6.8 / 207 | | 2020 | 7.6 / 232 |
| **10** F | 0138 | 1.1 / 34 | **25** Sa | 0245 | −0.1 / −3 |
| | 0747 | 6.9 / 210 | | 0844 | 8.3 / 253 |
| | 1357 | 1.2 / 37 | | 1515 | −0.2 / −6 |
| | 1955 | 7.1 / 216 | | 2110 | 7.7 / 235 |
| **11** Sa | 0217 | 0.8 / 24 | **26** Su | 0333 | −0.1 / −3 |
| | 0823 | 7.4 / 226 | | 0930 | 8.5 / 259 |
| | 1444 | 0.7 / 21 | | 1604 | −0.5 / −15 |
| | 2035 | 7.4 / 226 | | 2156 | 7.7 / 235 |
| **12** Su | 0251 | 0.4 / 12 | **27** M | 0418 | −0.1 / −3 |
| | 0852 | 7.9 / 241 | | 1011 | 8.6 / 262 |
| | 1527 | 0.2 / 6 | | 1650 | −0.5 / −15 |
| | 2113 | 7.7 / 235 | | 2239 | 7.7 / 235 |
| **13** M | 0326 | 0.1 / 3 | **28** Tu ● | 0459 | 0.1 / 3 |
| | 0924 | 8.4 / 256 | | 1049 | 8.5 / 259 |
| | 1607 | −0.2 / −6 | | 1732 | −0.5 / −15 |
| | 2151 | 8.0 / 244 | | 2319 | 7.5 / 229 |
| **14** Tu ○ | 0404 | −0.1 / −3 | **29** W | 0535 | 0.4 / 12 |
| | 1001 | 8.9 / 271 | | 1122 | 8.3 / 253 |
| | 1648 | −0.6 / −18 | | 1810 | −0.2 / −6 |
| | 2232 | 8.1 / 247 | | 2357 | 7.3 / 223 |
| **15** W | 0444 | −0.2 / −6 | **30** Th | 0604 | 0.7 / 21 |
| | 1041 | 9.2 / 280 | | 1151 | 8.1 / 247 |
| | 1731 | −0.7 / −21 | | 1845 | 0.0 / 0 |
| | 2315 | 8.1 / 247 | | | |
| | | | **31** F | 0031 | 7.1 / 216 |
| | | | | 0617 | 0.9 / 27 |
| | | | | 1216 | 7.8 / 238 |
| | | | | 1910 | 0.4 / 12 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0102 | 6.9 / 210 | **16** Su | 0045 | 7.7 / 235 |
| | 0638 | 1.1 / 34 | | 0655 | 0.0 / 0 |
| | 1245 | 7.5 / 229 | | 1255 | 8.6 / 262 |
| | 1923 | 0.6 / 18 | | 2008 | −0.4 / −12 |
| **2** Su | 0131 | 6.7 / 204 | **17** M | 0147 | 7.5 / 229 |
| | 0713 | 1.2 / 37 | | 0800 | 0.3 / 9 |
| | 1321 | 7.3 / 223 | | 1359 | 8.2 / 250 |
| | 1952 | 0.8 / 24 | | 2118 | −0.2 / −6 |
| **3** M | 0205 | 6.6 / 201 | **18** Tu | 0259 | 7.3 / 223 |
| | 0756 | 1.4 / 43 | | 0925 | 0.5 / 15 |
| | 1403 | 7.1 / 216 | | 1514 | 7.7 / 235 |
| | 2034 | 1.0 / 30 | | 2227 | 0.0 / 0 |
| **4** Tu | 0247 | 6.4 / 195 | **19** W | 0415 | 7.3 / 223 |
| | 0845 | 1.5 / 46 | | 1050 | 0.6 / 18 |
| | 1450 | 6.9 / 210 | | 1638 | 7.3 / 223 |
| | 2123 | 1.1 / 34 | ◑ | 2331 | 0.1 / 3 |
| **5** W ◐ | 0335 | 6.4 / 195 | **20** Th | 0526 | 7.4 / 226 |
| | 0940 | 1.6 / 49 | | 1201 | 0.5 / 15 |
| | 1542 | 6.8 / 207 | | 1754 | 7.1 / 216 |
| | 2218 | 1.1 / 34 | | | |
| **6** Th | 0429 | 6.5 / 198 | **21** F | 0030 | 0.1 / 3 |
| | 1041 | 1.5 / 46 | | 0630 | 7.6 / 232 |
| | 1640 | 6.7 / 204 | | 1303 | 0.2 / 6 |
| | 2314 | 1.0 / 30 | | 1859 | 7.1 / 216 |
| **7** F | 0526 | 6.7 / 204 | **22** Sa | 0125 | 0.1 / 3 |
| | 1147 | 1.3 / 40 | | 0727 | 7.9 / 241 |
| | 1742 | 6.8 / 207 | | 1401 | 0.0 / 0 |
| | | | | 1957 | 7.1 / 216 |
| **8** Sa | 0010 | 0.8 / 24 | **23** Su | 0218 | 0.1 / 3 |
| | 0623 | 7.1 / 216 | | 0819 | 8.1 / 247 |
| | 1254 | 0.9 / 27 | | 1454 | −0.3 / −9 |
| | 1846 | 6.9 / 210 | | 2049 | 7.2 / 219 |
| **9** Su | 0102 | 0.6 / 18 | **24** M | 0307 | 0.2 / 6 |
| | 0714 | 7.6 / 232 | | 0905 | 8.2 / 250 |
| | 1356 | 0.4 / 12 | | 1543 | −0.4 / −12 |
| | 1943 | 7.2 / 219 | | 2136 | 7.2 / 219 |
| **10** M | 0152 | 0.3 / 9 | **25** Tu | 0353 | 0.3 / 9 |
| | 0800 | 8.1 / 247 | | 0948 | 8.2 / 250 |
| | 1450 | −0.1 / −3 | | 1628 | −0.5 / −15 |
| | 2034 | 7.5 / 229 | | 2219 | 7.2 / 219 |
| **11** Tu | 0241 | 0.1 / 3 | **26** W | 0435 | 0.4 / 12 |
| | 0845 | 8.6 / 262 | | 1027 | 8.1 / 247 |
| | 1540 | −0.5 / −15 | | 1710 | −0.4 / −12 |
| | 2122 | 7.7 / 235 | | 2300 | 7.1 / 216 |
| **12** W | 0329 | −0.1 / −3 | **27** Th | 0513 | 0.5 / 15 |
| | 0931 | 9.0 / 274 | | 1102 | 7.9 / 241 |
| | 1629 | −0.8 / −24 | | 1749 | −0.2 / −6 |
| | 2209 | 7.9 / 241 | ● | 2338 | 7.0 / 213 |
| **13** Th ○ | 0418 | −0.3 / −9 | **28** F | 0545 | 0.7 / 21 |
| | 1017 | 9.2 / 280 | | 1132 | 7.7 / 235 |
| | 1718 | −1.0 / −30 | | 1823 | 0.0 / 0 |
| | 2258 | 7.9 / 241 | | | |
| **14** F | 0507 | −0.3 / −9 | **29** Sa | 0012 | 6.9 / 210 |
| | 1107 | 9.2 / 280 | | 0602 | 0.8 / 24 |
| | 1810 | −0.9 / −27 | | 1156 | 7.5 / 229 |
| | 2349 | 7.8 / 238 | | 1849 | 0.2 / 6 |
| **15** Sa | 0559 | −0.2 / −6 | **30** Su | 0041 | 6.8 / 207 |
| | 1159 | 9.0 / 274 | | 0619 | 0.9 / 27 |
| | 1905 | −0.7 / −21 | | 1222 | 7.4 / 226 |
| | | | | 1902 | 0.3 / 9 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0105 | 6.7 / 204 | **16** Tu | 0142 | 7.6 / 232 |
| | 0652 | 0.9 / 27 | | 0805 | −0.1 / −3 |
| | 1255 | 7.3 / 223 | | 1356 | 8.0 / 244 |
| | 1927 | 0.4 / 12 | | 2058 | −0.6 / −18 |
| **2** Tu | 0134 | 6.6 / 201 | **17** W | 0246 | 7.5 / 229 |
| | 0732 | 1.0 / 30 | | 0918 | 0.1 / 3 |
| | 1335 | 7.2 / 219 | | 1504 | 7.6 / 232 |
| | 2005 | 0.4 / 12 | | 2158 | −0.3 / −9 |
| **3** W | 0211 | 6.6 / 201 | **18** Th | 0351 | 7.5 / 229 |
| | 0818 | 1.0 / 30 | | 1029 | 0.2 / 6 |
| | 1419 | 7.1 / 216 | | 1615 | 7.1 / 216 |
| | 2048 | 0.5 / 15 | | 2258 | −0.1 / −3 |
| **4** Th | 0254 | 6.7 / 204 | **19** F | 0455 | 7.5 / 229 |
| | 0908 | 1.0 / 30 | | 1135 | 0.2 / 6 |
| | 1507 | 6.9 / 210 | | 1724 | 6.8 / 207 |
| | 2135 | 0.5 / 15 | ◑ | 2356 | 0.1 / 3 |
| **5** F ◐ | 0341 | 6.8 / 207 | **20** Sa | 0557 | 7.5 / 229 |
| | 1003 | 1.0 / 30 | | 1237 | 0.1 / 3 |
| | 1559 | 6.8 / 207 | | 1829 | 6.6 / 201 |
| | 2226 | 0.5 / 15 | | | |
| **6** Sa | 0432 | 7.1 / 216 | **21** Su | 0053 | 0.3 / 9 |
| | 1102 | 0.8 / 24 | | 0655 | 7.5 / 229 |
| | 1656 | 6.7 / 204 | | 1334 | 0.0 / 0 |
| | 2318 | 0.5 / 15 | | 1930 | 6.5 / 198 |
| **7** Su | 0526 | 7.3 / 223 | **22** M | 0147 | 0.4 / 12 |
| | 1206 | 0.6 / 18 | | 0750 | 7.6 / 232 |
| | 1757 | 6.7 / 204 | | 1428 | −0.1 / −3 |
| | | | | 2024 | 6.6 / 201 |
| **8** M | 0013 | 0.4 / 12 | **23** Tu | 0239 | 0.5 / 15 |
| | 0622 | 7.7 / 235 | | 0840 | 7.6 / 232 |
| | 1312 | 0.2 / 6 | | 1518 | −0.2 / −6 |
| | 1900 | 6.8 / 207 | | 2113 | 6.7 / 204 |
| **9** Tu | 0108 | 0.2 / 6 | **24** W | 0328 | 0.5 / 15 |
| | 0719 | 8.1 / 247 | | 0926 | 7.6 / 232 |
| | 1419 | −0.2 / −6 | | 1605 | −0.3 / −9 |
| | 2002 | 7.1 / 216 | | 2158 | 6.8 / 207 |
| **10** W | 0205 | 0.1 / 3 | **25** Th | 0413 | 0.5 / 15 |
| | 0814 | 8.5 / 259 | | 1008 | 7.6 / 232 |
| | 1521 | −0.6 / −18 | | 1648 | −0.3 / −9 |
| | 2059 | 7.3 / 223 | | 2240 | 6.8 / 207 |
| **11** Th | 0303 | −0.2 / −6 | **26** F | 0453 | 0.5 / 15 |
| | 0909 | 8.8 / 268 | | 1047 | 7.5 / 229 |
| | 1619 | −0.9 / −27 | | 1727 | −0.2 / −6 |
| | 2153 | 7.5 / 229 | | 2319 | 6.8 / 207 |
| **12** F | 0401 | −0.3 / −9 | **27** Sa | 0528 | 0.5 / 15 |
| | 1002 | 8.9 / 271 | | 1120 | 7.5 / 229 |
| | 1714 | −1.1 / −34 | | 1802 | −0.2 / −6 |
| ○ | 2247 | 7.6 / 232 | ● | 2353 | 6.8 / 207 |
| **13** Sa | 0459 | −0.5 / −15 | **28** Su | 0553 | 0.5 / 15 |
| | 1057 | 8.9 / 271 | | 1145 | 7.4 / 226 |
| | 1808 | −1.1 / −34 | | 1830 | −0.1 / −3 |
| | 2342 | 7.7 / 235 | | | |
| **14** Su | 0557 | −0.5 / −15 | **29** M | 0021 | 6.8 / 207 |
| | 1153 | 8.8 / 268 | | 0608 | 0.5 / 15 |
| | 1903 | −1.0 / −30 | | 1206 | 7.4 / 226 |
| | | | | 1844 | 0.0 / 0 |
| **15** M | 0040 | 7.7 / 235 | **30** Tu | 0040 | 6.8 / 207 |
| | 0658 | −0.3 / −9 | | 0635 | 0.5 / 15 |
| | 1253 | 8.5 / 259 | | 1234 | 7.3 / 223 |
| | 2000 | −0.8 / −24 | | 1904 | −0.1 / −3 |
| | | | **31** W | 0105 | 6.9 / 210 |
| | | | | 0711 | 0.4 / 12 |
| | | | | 1310 | 7.3 / 223 |
| | | | | 1937 | −0.1 / −3 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# New York (The Battery), New York, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0235 | 4.2 | 128 |
| | 0904 | 0.8 | 24 |
| | 1446 | 3.6 | 110 |
| | 2117 | 0.5 | 15 |
| **2** W | 0326 | 4.2 | 128 |
| | 0959 | 0.7 | 21 |
| | 1543 | 3.4 | 104 |
| | 2204 | 0.5 | 15 |
| **3** Th | 0419 | 4.2 | 128 |
| | 1049 | 0.6 | 18 |
| | 1642 | 3.4 | 104 |
| | 2250 | 0.5 | 15 |
| **4** F | 0510 | 4.4 | 134 |
| | 1136 | 0.4 | 12 |
| | 1737 | 3.5 | 107 |
| | 2335 | 0.4 | 12 |
| **5** Sa | 0556 | 4.5 | 137 |
| | 1222 | 0.2 | 6 |
| | 1824 | 3.6 | 110 |
| **6** Su | 0019 | 0.3 | 9 |
| | 0638 | 4.7 | 143 |
| | 1307 | 0.0 | 0 |
| | 1906 | 3.7 | 113 |
| **7** M | 0103 | 0.2 | 6 |
| | 0717 | 4.8 | 146 |
| | 1350 | −0.1 | −3 |
| | 1944 | 3.8 | 116 |
| **8** Tu ● | 0146 | 0.1 | 3 |
| | 0752 | 4.9 | 149 |
| | 1431 | −0.2 | −6 |
| | 2020 | 3.9 | 119 |
| **9** W | 0228 | 0.0 | 0 |
| | 0826 | 4.9 | 149 |
| | 1510 | −0.3 | −9 |
| | 2055 | 4.0 | 122 |
| **10** Th | 0308 | 0.0 | 0 |
| | 0901 | 4.9 | 149 |
| | 1548 | −0.4 | −12 |
| | 2133 | 4.0 | 122 |
| **11** F | 0347 | 0.0 | 0 |
| | 0940 | 4.8 | 146 |
| | 1624 | −0.4 | −12 |
| | 2214 | 4.1 | 125 |
| **12** Sa | 0427 | 0.0 | 0 |
| | 1023 | 4.7 | 143 |
| | 1701 | −0.3 | −9 |
| | 2300 | 4.2 | 128 |
| **13** Su | 0512 | 0.2 | 6 |
| | 1112 | 4.5 | 137 |
| | 1741 | −0.2 | −6 |
| | 2349 | 4.4 | 134 |
| **14** M | 0608 | 0.3 | 9 |
| | 1205 | 4.3 | 131 |
| | 1829 | −0.1 | −3 |
| **15** Tu ◐ | 0041 | 4.5 | 137 |
| | 0722 | 0.4 | 12 |
| | 1301 | 4.1 | 125 |
| | 1931 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0136 | 4.6 | 140 |
| | 0838 | 0.4 | 12 |
| | 1403 | 3.9 | 119 |
| | 2040 | 0.0 | 0 |
| **17** Th | 0237 | 4.7 | 143 |
| | 0946 | 0.2 | 6 |
| | 1513 | 3.8 | 116 |
| | 2145 | 0.0 | 0 |
| **18** F | 0346 | 4.8 | 146 |
| | 1047 | 0.0 | 0 |
| | 1628 | 3.8 | 116 |
| | 2246 | −0.2 | −6 |
| **19** Sa | 0457 | 4.9 | 149 |
| | 1144 | −0.3 | −9 |
| | 1736 | 4.0 | 122 |
| | 2344 | −0.3 | −9 |
| **20** Su | 0601 | 5.2 | 158 |
| | 1239 | −0.5 | −15 |
| | 1835 | 4.3 | 131 |
| **21** M | 0040 | −0.5 | −15 |
| | 0656 | 5.3 | 162 |
| | 1332 | −0.7 | −21 |
| | 1928 | 4.5 | 137 |
| **22** Tu ○ | 0134 | −0.6 | −18 |
| | 0745 | 5.4 | 165 |
| | 1421 | −0.9 | −27 |
| | 2017 | 4.6 | 140 |
| **23** W | 0225 | −0.6 | −18 |
| | 0833 | 5.3 | 162 |
| | 1507 | −0.9 | −27 |
| | 2106 | 4.7 | 143 |
| **24** Th | 0312 | −0.6 | −18 |
| | 0920 | 5.2 | 158 |
| | 1550 | −0.8 | −24 |
| | 2155 | 4.6 | 140 |
| **25** F | 0358 | −0.4 | −12 |
| | 1006 | 4.9 | 149 |
| | 1632 | −0.6 | −18 |
| | 2243 | 4.6 | 140 |
| **26** Sa | 0443 | −0.1 | −3 |
| | 1053 | 4.6 | 140 |
| | 1712 | −0.3 | −9 |
| | 2330 | 4.5 | 137 |
| **27** Su | 0528 | 0.2 | 6 |
| | 1139 | 4.3 | 131 |
| | 1753 | 0.0 | 0 |
| **28** M | 0015 | 4.3 | 131 |
| | 0618 | 0.5 | 15 |
| | 1224 | 3.9 | 119 |
| | 1837 | 0.4 | 12 |
| **29** Tu | 0100 | 4.2 | 128 |
| | 0716 | 0.8 | 24 |
| | 1311 | 3.6 | 110 |
| | 1927 | 0.7 | 21 |
| **30** W ◑ | 0144 | 4.1 | 125 |
| | 0819 | 0.9 | 27 |
| | 1401 | 3.4 | 104 |
| | 2025 | 0.8 | 24 |
| **31** Th | 0233 | 4.0 | 122 |
| | 0920 | 0.9 | 27 |
| | 1458 | 3.2 | 98 |
| | 2122 | 0.9 | 27 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0329 | 4.0 | 122 |
| | 1015 | 0.8 | 24 |
| | 1603 | 3.2 | 98 |
| | 2215 | 0.8 | 24 |
| **2** Sa | 0429 | 4.1 | 125 |
| | 1105 | 0.6 | 18 |
| | 1705 | 3.3 | 101 |
| | 2304 | 0.6 | 18 |
| **3** Su | 0525 | 4.2 | 128 |
| | 1153 | 0.4 | 12 |
| | 1757 | 3.5 | 107 |
| | 2352 | 0.4 | 12 |
| **4** M | 0612 | 4.5 | 137 |
| | 1238 | 0.1 | 3 |
| | 1840 | 3.7 | 113 |
| **5** Tu | 0039 | 0.2 | 6 |
| | 0653 | 4.7 | 143 |
| | 1322 | −0.1 | −3 |
| | 1918 | 4.0 | 122 |
| **6** W ● | 0124 | 0.0 | 0 |
| | 0730 | 4.9 | 149 |
| | 1403 | −0.4 | −12 |
| | 1954 | 4.2 | 128 |
| **7** Th | 0208 | −0.2 | −6 |
| | 0805 | 5.0 | 152 |
| | 1442 | −0.5 | −15 |
| | 2029 | 4.4 | 134 |
| **8** F | 0250 | −0.3 | −9 |
| | 0841 | 5.1 | 155 |
| | 1520 | −0.6 | −18 |
| | 2106 | 4.6 | 140 |
| **9** Sa | 0332 | −0.4 | −12 |
| | 0921 | 5.0 | 152 |
| | 1557 | −0.7 | −21 |
| | 2147 | 4.7 | 143 |
| **10** Su | 0415 | −0.3 | −9 |
| | 1005 | 4.8 | 146 |
| | 1634 | −0.6 | −18 |
| | 2232 | 4.8 | 146 |
| **11** M | 0502 | −0.2 | −6 |
| | 1055 | 4.6 | 140 |
| | 1714 | −0.4 | −12 |
| | 2323 | 4.8 | 146 |
| **12** Tu | 0557 | 0.0 | 0 |
| | 1150 | 4.3 | 131 |
| | 1801 | −0.1 | −3 |
| **13** W ◐ | 0017 | 4.8 | 146 |
| | 0705 | 0.3 | 9 |
| | 1249 | 4.1 | 125 |
| | 1904 | 0.1 | 3 |
| **14** Th | 0115 | 4.7 | 143 |
| | 0820 | 0.4 | 12 |
| | 1354 | 3.8 | 116 |
| | 2021 | 0.3 | 9 |
| **15** F | 0220 | 4.6 | 140 |
| | 0930 | 0.3 | 9 |
| | 1505 | 3.7 | 113 |
| | 2132 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0335 | 4.6 | 140 |
| | 1033 | 0.1 | 3 |
| | 1621 | 3.8 | 116 |
| | 2235 | 0.1 | 3 |
| **17** Su | 0450 | 4.7 | 143 |
| | 1130 | −0.1 | −3 |
| | 1729 | 4.1 | 125 |
| | 2333 | −0.1 | −3 |
| **18** M | 0554 | 4.9 | 149 |
| | 1223 | −0.4 | −12 |
| | 1825 | 4.4 | 134 |
| **19** Tu | 0028 | −0.3 | −9 |
| | 0646 | 5.1 | 155 |
| | 1312 | −0.6 | −18 |
| | 1914 | 4.7 | 143 |
| **20** W ○ | 0120 | −0.4 | −12 |
| | 0732 | 5.2 | 158 |
| | 1358 | −0.7 | −21 |
| | 1959 | 4.8 | 146 |
| **21** Th | 0208 | −0.5 | −15 |
| | 0815 | 5.2 | 158 |
| | 1441 | −0.7 | −21 |
| | 2042 | 4.9 | 149 |
| **22** F | 0253 | −0.5 | −15 |
| | 0856 | 5.0 | 152 |
| | 1521 | −0.6 | −18 |
| | 2124 | 4.9 | 149 |
| **23** Sa | 0336 | −0.4 | −12 |
| | 0937 | 4.8 | 146 |
| | 1558 | −0.4 | −12 |
| | 2206 | 4.8 | 146 |
| **24** Su | 0417 | −0.1 | −3 |
| | 1019 | 4.5 | 137 |
| | 1633 | −0.1 | −3 |
| | 2248 | 4.7 | 143 |
| **25** M | 0457 | 0.1 | 3 |
| | 1102 | 4.2 | 128 |
| | 1707 | 0.2 | 6 |
| | 2329 | 4.5 | 137 |
| **26** Tu | 0539 | 0.4 | 12 |
| | 1147 | 3.9 | 119 |
| | 1739 | 0.6 | 18 |
| **27** W | 0010 | 4.3 | 131 |
| | 0628 | 0.7 | 21 |
| | 1233 | 3.6 | 110 |
| | 1815 | 0.9 | 27 |
| **28** Th ◑ | 0052 | 4.1 | 125 |
| | 0729 | 1.0 | 30 |
| | 1321 | 3.4 | 104 |
| | 1915 | 1.1 | 34 |
| **29** F | 0139 | 4.0 | 122 |
| | 0836 | 1.1 | 34 |
| | 1416 | 3.3 | 101 |
| | 2034 | 1.2 | 37 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0235 | 3.9 | 119 |
| | 0937 | 1.0 | 30 |
| | 1519 | 3.2 | 98 |
| | 2139 | 1.1 | 34 |
| **2** Su | 0340 | 4.0 | 122 |
| | 1030 | 0.8 | 24 |
| | 1625 | 3.4 | 104 |
| | 2233 | 0.9 | 27 |
| **3** M | 0445 | 4.2 | 128 |
| | 1118 | 0.5 | 15 |
| | 1721 | 3.7 | 113 |
| | 2324 | 0.6 | 18 |
| **4** Tu | 0538 | 4.5 | 137 |
| | 1204 | 0.2 | 6 |
| | 1807 | 4.0 | 122 |
| **5** W | 0012 | 0.3 | 9 |
| | 0621 | 4.8 | 146 |
| | 1247 | −0.1 | −3 |
| | 1846 | 4.4 | 134 |
| **6** Th | 0059 | 0.0 | 0 |
| | 0701 | 5.0 | 152 |
| | 1329 | −0.3 | −9 |
| | 1923 | 4.7 | 143 |
| **7** F ● | 0145 | −0.3 | −9 |
| | 0739 | 5.2 | 158 |
| | 1410 | −0.6 | −18 |
| | 1959 | 5.1 | 155 |
| **8** Sa | 0231 | −0.5 | −15 |
| | 0819 | 5.2 | 158 |
| | 1450 | −0.7 | −21 |
| | 2038 | 5.3 | 162 |
| **9** Su | 0316 | −0.6 | −18 |
| | 0902 | 5.1 | 155 |
| | 1529 | −0.7 | −21 |
| | 2120 | 5.4 | 165 |
| **10** M | 0402 | −0.6 | −18 |
| | 0949 | 4.9 | 149 |
| | 1610 | −0.6 | −18 |
| | 2208 | 5.4 | 165 |
| **11** Tu | 0451 | −0.4 | −12 |
| | 1044 | 4.6 | 140 |
| | 1653 | −0.3 | −9 |
| | 2301 | 5.3 | 162 |
| **12** W | 0546 | −0.1 | −3 |
| | 1143 | 4.4 | 134 |
| | 1744 | 0.0 | 0 |
| **13** Th | 0000 | 5.1 | 155 |
| | 0652 | 0.2 | 6 |
| | 1245 | 4.2 | 128 |
| | 1850 | 0.4 | 12 |
| **14** F ◐ | 0103 | 4.9 | 149 |
| | 0805 | 0.4 | 12 |
| | 1351 | 4.0 | 122 |
| | 2008 | 0.6 | 18 |
| **15** Sa | 0211 | 4.7 | 143 |
| | 0914 | 0.4 | 12 |
| | 1501 | 4.0 | 122 |
| | 2121 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0326 | 4.6 | 140 |
| | 1016 | 0.2 | 6 |
| | 1612 | 4.1 | 125 |
| | 2224 | 0.4 | 12 |
| **17** M | 0438 | 4.7 | 143 |
| | 1110 | 0.0 | 0 |
| | 1715 | 4.4 | 134 |
| | 2320 | 0.2 | 6 |
| **18** Tu | 0539 | 4.8 | 146 |
| | 1200 | −0.2 | −6 |
| | 1809 | 4.7 | 143 |
| **19** W | 0013 | 0.0 | 0 |
| | 0628 | 4.9 | 149 |
| | 1247 | −0.3 | −9 |
| | 1855 | 5.0 | 152 |
| **20** Th | 0102 | −0.2 | −6 |
| | 0712 | 5.0 | 152 |
| | 1330 | −0.4 | −12 |
| | 1936 | 5.1 | 155 |
| **21** F ○ | 0148 | −0.2 | −6 |
| | 0752 | 5.0 | 152 |
| | 1411 | −0.3 | −9 |
| | 2015 | 5.2 | 158 |
| **22** Sa | 0232 | −0.3 | −9 |
| | 0830 | 4.8 | 146 |
| | 1448 | −0.2 | −6 |
| | 2052 | 5.2 | 158 |
| **23** Su | 0312 | −0.2 | −6 |
| | 0909 | 4.6 | 140 |
| | 1524 | 0.0 | 0 |
| | 2128 | 5.1 | 155 |
| **24** M | 0352 | 0.0 | 0 |
| | 0949 | 4.4 | 134 |
| | 1557 | 0.2 | 6 |
| | 2205 | 4.9 | 149 |
| **25** Tu | 0429 | 0.2 | 6 |
| | 1031 | 4.1 | 125 |
| | 1627 | 0.5 | 15 |
| | 2242 | 4.7 | 143 |
| **26** W | 0508 | 0.4 | 12 |
| | 1116 | 3.9 | 119 |
| | 1655 | 0.8 | 24 |
| | 2321 | 4.5 | 137 |
| **27** Th | 0549 | 0.7 | 21 |
| | 1202 | 3.7 | 113 |
| | 1722 | 1.1 | 34 |
| **28** F | 0003 | 4.3 | 131 |
| | 0641 | 1.0 | 30 |
| | 1249 | 3.5 | 107 |
| | 1801 | 1.3 | 40 |
| **29** Sa ◑ | 0050 | 4.2 | 128 |
| | 0749 | 1.1 | 34 |
| | 1339 | 3.5 | 107 |
| | 1934 | 1.5 | 46 |
| **30** Su | 0144 | 4.1 | 125 |
| | 0855 | 1.1 | 34 |
| | 1436 | 3.5 | 107 |
| | 2059 | 1.4 | 43 |
| **31** M | 0245 | 4.1 | 125 |
| | 0950 | 0.9 | 27 |
| | 1537 | 3.7 | 113 |
| | 2200 | 1.1 | 34 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# New York (The Battery), New York, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0351 | 4.3 | 131 |
| | 1039 | 0.6 | 18 |
| | 1635 | 4.0 | 122 |
| | 2253 | 0.8 | 24 |
| **2** W | 0451 | 4.5 | 137 |
| | 1124 | 0.3 | 9 |
| | 1725 | 4.4 | 134 |
| | 2343 | 0.4 | 12 |
| **3** Th | 0542 | 4.8 | 146 |
| | 1208 | 0.0 | 0 |
| | 1809 | 4.9 | 149 |
| **4** F | 0033 | 0.0 | 0 |
| | 0628 | 5.0 | 152 |
| | 1252 | −0.3 | −9 |
| | 1849 | 5.3 | 162 |
| **5** Sa ● | 0123 | −0.3 | −9 |
| | 0712 | 5.1 | 155 |
| | 1336 | −0.5 | −15 |
| | 1930 | 5.7 | 174 |
| **6** Su | 0212 | −0.6 | −18 |
| | 0756 | 5.2 | 158 |
| | 1420 | −0.6 | −18 |
| | 2012 | 5.9 | 180 |
| **7** M | 0300 | −0.7 | −21 |
| | 0844 | 5.1 | 155 |
| | 1504 | −0.5 | −15 |
| | 2057 | 5.9 | 180 |
| **8** Tu | 0349 | −0.6 | −18 |
| | 0936 | 4.9 | 149 |
| | 1550 | −0.4 | −12 |
| | 2149 | 5.8 | 177 |
| **9** W | 0440 | −0.5 | −15 |
| | 1035 | 4.7 | 143 |
| | 1639 | −0.1 | −3 |
| | 2247 | 5.5 | 168 |
| **10** Th | 0535 | −0.2 | −6 |
| | 1139 | 4.5 | 137 |
| | 1734 | 0.2 | 6 |
| | 2351 | 5.3 | 162 |
| **11** F | 0638 | 0.1 | 3 |
| | 1242 | 4.4 | 134 |
| | 1841 | 0.6 | 18 |
| **12** Sa ◐ | 0056 | 5.0 | 152 |
| | 0747 | 0.3 | 9 |
| | 1345 | 4.3 | 131 |
| | 1955 | 0.8 | 24 |
| **13** Su | 0201 | 4.8 | 146 |
| | 0853 | 0.4 | 12 |
| | 1449 | 4.3 | 131 |
| | 2106 | 0.7 | 21 |
| **14** M | 0309 | 4.6 | 140 |
| | 0952 | 0.3 | 9 |
| | 1554 | 4.5 | 137 |
| | 2208 | 0.6 | 18 |
| **15** Tu | 0414 | 4.6 | 140 |
| | 1044 | 0.2 | 6 |
| | 1653 | 4.7 | 143 |
| | 2303 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0513 | 4.6 | 140 |
| | 1131 | 0.1 | 3 |
| | 1745 | 5.0 | 152 |
| | 2353 | 0.3 | 9 |
| **17** Th | 0603 | 4.7 | 143 |
| | 1215 | 0.0 | 0 |
| | 1829 | 5.2 | 158 |
| **18** F | 0041 | 0.2 | 6 |
| | 0646 | 4.7 | 143 |
| | 1257 | 0.0 | 0 |
| | 1908 | 5.3 | 162 |
| **19** Sa | 0126 | 0.1 | 3 |
| | 0726 | 4.7 | 143 |
| | 1337 | 0.1 | 3 |
| | 1945 | 5.4 | 165 |
| **20** Su ○ | 0209 | 0.0 | 0 |
| | 0805 | 4.6 | 140 |
| | 1415 | 0.2 | 6 |
| | 2019 | 5.4 | 165 |
| **21** M | 0249 | 0.0 | 0 |
| | 0843 | 4.5 | 137 |
| | 1451 | 0.4 | 12 |
| | 2053 | 5.2 | 158 |
| **22** Tu | 0328 | 0.1 | 3 |
| | 0923 | 4.3 | 131 |
| | 1526 | 0.6 | 18 |
| | 2127 | 5.1 | 155 |
| **23** W | 0406 | 0.2 | 6 |
| | 1006 | 4.1 | 125 |
| | 1558 | 0.8 | 24 |
| | 2202 | 4.9 | 149 |
| **24** Th | 0443 | 0.5 | 15 |
| | 1050 | 3.9 | 119 |
| | 1627 | 1.0 | 30 |
| | 2240 | 4.7 | 143 |
| **25** F | 0522 | 0.7 | 21 |
| | 1136 | 3.8 | 116 |
| | 1656 | 1.2 | 37 |
| | 2324 | 4.5 | 137 |
| **26** Sa | 0607 | 0.9 | 27 |
| | 1222 | 3.7 | 113 |
| | 1734 | 1.4 | 43 |
| **27** Su | 0011 | 4.4 | 134 |
| | 0704 | 1.0 | 30 |
| | 1308 | 3.7 | 113 |
| | 1838 | 1.5 | 46 |
| **28** M ◑ | 0102 | 4.3 | 131 |
| | 0807 | 1.0 | 30 |
| | 1356 | 3.8 | 116 |
| | 2016 | 1.4 | 43 |
| **29** Tu | 0156 | 4.3 | 131 |
| | 0904 | 0.9 | 27 |
| | 1448 | 4.1 | 125 |
| | 2125 | 1.2 | 37 |
| **30** W | 0256 | 4.4 | 134 |
| | 0955 | 0.6 | 18 |
| | 1544 | 4.4 | 134 |
| | 2222 | 0.8 | 24 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0359 | 4.5 | 137 |
| | 1041 | 0.3 | 9 |
| | 1638 | 4.8 | 146 |
| | 2316 | 0.5 | 15 |
| **2** F | 0500 | 4.7 | 143 |
| | 1128 | 0.1 | 3 |
| | 1729 | 5.3 | 162 |
| **3** Sa | 0008 | 0.1 | 3 |
| | 0555 | 4.8 | 146 |
| | 1215 | −0.2 | −6 |
| | 1817 | 5.7 | 174 |
| **4** Su | 0101 | −0.3 | −9 |
| | 0646 | 5.0 | 152 |
| | 1303 | −0.3 | −9 |
| | 1903 | 6.0 | 183 |
| **5** M ● | 0153 | −0.5 | −15 |
| | 0736 | 5.0 | 152 |
| | 1353 | −0.4 | −12 |
| | 1950 | 6.2 | 189 |
| **6** Tu | 0245 | −0.7 | −21 |
| | 0829 | 5.0 | 152 |
| | 1444 | −0.4 | −12 |
| | 2040 | 6.1 | 186 |
| **7** W | 0336 | −0.7 | −21 |
| | 0926 | 4.9 | 149 |
| | 1534 | −0.2 | −6 |
| | 2135 | 5.9 | 180 |
| **8** Th | 0428 | −0.5 | −15 |
| | 1028 | 4.8 | 146 |
| | 1627 | 0.0 | 0 |
| | 2237 | 5.7 | 174 |
| **9** F | 0522 | −0.3 | −9 |
| | 1131 | 4.7 | 143 |
| | 1723 | 0.3 | 9 |
| | 2342 | 5.4 | 165 |
| **10** Sa | 0621 | 0.0 | 0 |
| | 1233 | 4.6 | 140 |
| | 1827 | 0.6 | 18 |
| **11** Su ◐ | 0044 | 5.1 | 155 |
| | 0723 | 0.2 | 6 |
| | 1331 | 4.6 | 140 |
| | 1937 | 0.8 | 24 |
| **12** M | 0143 | 4.8 | 146 |
| | 0825 | 0.3 | 9 |
| | 1429 | 4.6 | 140 |
| | 2045 | 0.9 | 27 |
| **13** Tu | 0242 | 4.6 | 140 |
| | 0922 | 0.3 | 9 |
| | 1527 | 4.7 | 143 |
| | 2146 | 0.8 | 24 |
| **14** W | 0341 | 4.4 | 134 |
| | 1012 | 0.3 | 9 |
| | 1622 | 4.9 | 149 |
| | 2240 | 0.7 | 21 |
| **15** Th | 0438 | 4.3 | 131 |
| | 1057 | 0.3 | 9 |
| | 1713 | 5.1 | 155 |
| | 2329 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0531 | 4.3 | 131 |
| | 1140 | 0.3 | 9 |
| | 1758 | 5.2 | 158 |
| **17** Sa | 0016 | 0.4 | 12 |
| | 0618 | 4.3 | 131 |
| | 1222 | 0.4 | 12 |
| | 1838 | 5.3 | 162 |
| **18** Su | 0101 | 0.3 | 9 |
| | 0700 | 4.3 | 131 |
| | 1303 | 0.5 | 15 |
| | 1915 | 5.4 | 165 |
| **19** M ○ | 0144 | 0.2 | 6 |
| | 0741 | 4.3 | 131 |
| | 1343 | 0.6 | 18 |
| | 1951 | 5.3 | 162 |
| **20** Tu | 0226 | 0.2 | 6 |
| | 0821 | 4.3 | 131 |
| | 1423 | 0.7 | 21 |
| | 2025 | 5.2 | 158 |
| **21** W | 0306 | 0.2 | 6 |
| | 0902 | 4.2 | 128 |
| | 1500 | 0.8 | 24 |
| | 2059 | 5.1 | 155 |
| **22** Th | 0345 | 0.3 | 9 |
| | 0944 | 4.1 | 125 |
| | 1536 | 0.9 | 27 |
| | 2134 | 5.0 | 152 |
| **23** F | 0423 | 0.4 | 12 |
| | 1028 | 4.0 | 122 |
| | 1609 | 1.0 | 30 |
| | 2212 | 4.8 | 146 |
| **24** Sa | 0500 | 0.5 | 15 |
| | 1112 | 3.9 | 119 |
| | 1642 | 1.1 | 34 |
| | 2254 | 4.7 | 143 |
| **25** Su | 0539 | 0.7 | 21 |
| | 1155 | 3.9 | 119 |
| | 1720 | 1.2 | 37 |
| | 2340 | 4.6 | 140 |
| **26** M | 0624 | 0.7 | 21 |
| | 1236 | 4.0 | 122 |
| | 1814 | 1.3 | 40 |
| **27** Tu ◑ | 0028 | 4.6 | 140 |
| | 0717 | 0.7 | 21 |
| | 1319 | 4.2 | 128 |
| | 1936 | 1.3 | 40 |
| **28** W | 0119 | 4.5 | 137 |
| | 0814 | 0.7 | 21 |
| | 1406 | 4.5 | 137 |
| | 2051 | 1.1 | 34 |
| **29** Th | 0214 | 4.5 | 137 |
| | 0908 | 0.5 | 15 |
| | 1459 | 4.8 | 146 |
| | 2154 | 0.8 | 24 |
| **30** F | 0316 | 4.4 | 134 |
| | 1000 | 0.3 | 9 |
| | 1556 | 5.1 | 155 |
| | 2251 | 0.5 | 15 |
| **31** Sa | 0422 | 4.5 | 137 |
| | 1051 | 0.1 | 3 |
| | 1653 | 5.5 | 168 |
| | 2346 | 0.1 | 3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0526 | 4.6 | 140 |
| | 1143 | −0.1 | −3 |
| | 1749 | 5.9 | 180 |
| **2** M | 0042 | −0.2 | −6 |
| | 0625 | 4.7 | 143 |
| | 1238 | −0.2 | −6 |
| | 1842 | 6.1 | 186 |
| **3** Tu ● | 0136 | −0.5 | −15 |
| | 0721 | 4.8 | 146 |
| | 1333 | −0.2 | −6 |
| | 1934 | 6.2 | 189 |
| **4** W | 0230 | −0.6 | −18 |
| | 0817 | 4.9 | 149 |
| | 1427 | −0.3 | −9 |
| | 2028 | 6.1 | 186 |
| **5** Th | 0322 | −0.7 | −21 |
| | 0915 | 4.9 | 149 |
| | 1521 | −0.2 | −6 |
| | 2125 | 5.9 | 180 |
| **6** F | 0413 | −0.6 | −18 |
| | 1016 | 4.9 | 149 |
| | 1614 | 0.0 | 0 |
| | 2226 | 5.7 | 174 |
| **7** Sa | 0504 | −0.4 | −12 |
| | 1117 | 4.8 | 146 |
| | 1709 | 0.3 | 9 |
| | 2326 | 5.4 | 165 |
| **8** Su | 0557 | −0.2 | −6 |
| | 1214 | 4.8 | 146 |
| | 1807 | 0.6 | 18 |
| **9** M | 0023 | 5.1 | 155 |
| | 0653 | 0.1 | 3 |
| | 1308 | 4.8 | 146 |
| | 1911 | 0.8 | 24 |
| **10** Tu ◐ | 0116 | 4.8 | 146 |
| | 0750 | 0.3 | 9 |
| | 1401 | 4.8 | 146 |
| | 2016 | 0.9 | 27 |
| **11** W | 0208 | 4.5 | 137 |
| | 0844 | 0.4 | 12 |
| | 1453 | 4.9 | 149 |
| | 2117 | 0.9 | 27 |
| **12** Th | 0302 | 4.2 | 128 |
| | 0934 | 0.5 | 15 |
| | 1545 | 4.9 | 149 |
| | 2212 | 0.9 | 27 |
| **13** F | 0359 | 4.0 | 122 |
| | 1020 | 0.6 | 18 |
| | 1636 | 5.0 | 152 |
| | 2302 | 0.7 | 21 |
| **14** Sa | 0456 | 4.0 | 122 |
| | 1104 | 0.7 | 21 |
| | 1724 | 5.1 | 155 |
| | 2349 | 0.6 | 18 |
| **15** Su | 0548 | 4.0 | 122 |
| | 1148 | 0.7 | 21 |
| | 1808 | 5.1 | 155 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0035 | 0.5 | 15 |
| | 0635 | 4.0 | 122 |
| | 1231 | 0.7 | 21 |
| | 1848 | 5.2 | 158 |
| **17** Tu | 0119 | 0.4 | 12 |
| | 0719 | 4.1 | 125 |
| | 1314 | 0.8 | 24 |
| | 1926 | 5.2 | 158 |
| **18** W ○ | 0202 | 0.3 | 9 |
| | 0800 | 4.1 | 125 |
| | 1357 | 0.8 | 24 |
| | 2003 | 5.2 | 158 |
| **19** Th | 0244 | 0.2 | 6 |
| | 0840 | 4.1 | 125 |
| | 1438 | 0.8 | 24 |
| | 2038 | 5.2 | 158 |
| **20** F | 0323 | 0.2 | 6 |
| | 0920 | 4.1 | 125 |
| | 1516 | 0.8 | 24 |
| | 2113 | 5.1 | 155 |
| **21** Sa | 0400 | 0.2 | 6 |
| | 1001 | 4.1 | 125 |
| | 1553 | 0.8 | 24 |
| | 2149 | 5.0 | 152 |
| **22** Su | 0436 | 0.3 | 9 |
| | 1041 | 4.1 | 125 |
| | 1629 | 0.9 | 27 |
| | 2228 | 4.9 | 149 |
| **23** M | 0511 | 0.3 | 9 |
| | 1121 | 4.2 | 128 |
| | 1708 | 1.0 | 30 |
| | 2312 | 4.8 | 146 |
| **24** Tu | 0548 | 0.4 | 12 |
| | 1202 | 4.4 | 134 |
| | 1757 | 1.1 | 34 |
| | 2359 | 4.7 | 143 |
| **25** W | 0631 | 0.4 | 12 |
| | 1245 | 4.6 | 140 |
| | 1905 | 1.1 | 34 |
| **26** Th ◑ | 0049 | 4.5 | 137 |
| | 0724 | 0.5 | 15 |
| | 1331 | 4.8 | 146 |
| | 2022 | 1.0 | 30 |
| **27** F | 0144 | 4.4 | 134 |
| | 0825 | 0.4 | 12 |
| | 1423 | 5.1 | 155 |
| | 2130 | 0.8 | 24 |
| **28** Sa | 0246 | 4.3 | 131 |
| | 0925 | 0.3 | 9 |
| | 1522 | 5.3 | 162 |
| | 2230 | 0.5 | 15 |
| **29** Su | 0356 | 4.3 | 131 |
| | 1024 | 0.2 | 6 |
| | 1626 | 5.5 | 168 |
| | 2328 | 0.2 | 6 |
| **30** M | 0507 | 4.4 | 134 |
| | 1122 | 0.1 | 3 |
| | 1730 | 5.8 | 177 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# New York (The Battery), New York, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 0025 | −0.1 / −3 | **16** W | 0052 | 0.5 / 15 |
| | 0611 | 4.6 / 140 | | 0655 | 4.1 / 125 |
| | 1220 | 0.0 / 0 | | 1248 | 0.8 / 24 |
| | 1829 | 6.0 / 183 | | 1904 | 5.1 / 155 |
| **2** W ● | 0120 | −0.4 / −12 | **17** Th | 0136 | 0.4 / 12 |
| | 0710 | 4.8 / 146 | | 0736 | 4.2 / 128 |
| | 1318 | −0.2 / −6 | | 1332 | 0.7 / 21 |
| | 1924 | 6.1 / 186 | | 1941 | 5.2 / 158 |
| **3** Th | 0214 | −0.5 / −15 | **18** F ○ | 0217 | 0.2 / 6 |
| | 0805 | 4.9 / 149 | | 0814 | 4.3 / 131 |
| | 1413 | −0.2 / −6 | | 1415 | 0.6 / 18 |
| | 2018 | 6.0 / 183 | | 2016 | 5.2 / 158 |
| **4** F | 0305 | −0.6 / −18 | **19** Sa | 0256 | 0.1 / 3 |
| | 0901 | 5.0 / 152 | | 0851 | 4.3 / 131 |
| | 1507 | −0.2 / −6 | | 1455 | 0.6 / 18 |
| | 2113 | 5.9 / 180 | | 2049 | 5.2 / 158 |
| **5** Sa | 0353 | −0.6 / −18 | **20** Su | 0333 | 0.1 / 3 |
| | 0957 | 5.0 / 152 | | 0927 | 4.4 / 134 |
| | 1558 | 0.0 / 0 | | 1534 | 0.6 / 18 |
| | 2208 | 5.6 / 171 | | 2124 | 5.1 / 155 |
| **6** Su | 0440 | −0.5 / −15 | **21** M | 0407 | 0.0 / 0 |
| | 1054 | 5.0 / 152 | | 1003 | 4.5 / 137 |
| | 1649 | 0.2 / 6 | | 1613 | 0.6 / 18 |
| | 2302 | 5.3 / 162 | | 2202 | 5.0 / 152 |
| **7** M | 0528 | −0.2 / −6 | **22** Tu | 0441 | 0.1 / 3 |
| | 1147 | 5.0 / 152 | | 1043 | 4.7 / 143 |
| | 1742 | 0.5 / 15 | | 1654 | 0.7 / 21 |
| | 2354 | 5.0 / 152 | | 2246 | 4.9 / 149 |
| **8** Tu | 0616 | 0.1 / 3 | **23** W | 0515 | 0.2 / 6 |
| | 1238 | 5.0 / 152 | | 1126 | 4.8 / 146 |
| | 1840 | 0.8 / 24 | | 1742 | 0.8 / 24 |
| | | | | 2335 | 4.7 / 143 |
| **9** W ◐ | 0044 | 4.6 / 140 | **24** Th | 0554 | 0.3 / 9 |
| | 0707 | 0.4 / 12 | | 1212 | 5.0 / 152 |
| | 1326 | 4.9 / 149 | | 1845 | 0.9 / 27 |
| | 1942 | 1.0 / 30 | | | |
| **10** Th | 0133 | 4.3 / 131 | **25** F ◑ | 0028 | 4.5 / 137 |
| | 0800 | 0.6 / 18 | | 0645 | 0.4 / 12 |
| | 1414 | 4.8 / 146 | | 1303 | 5.1 / 155 |
| | 2043 | 1.1 / 34 | | 2000 | 0.9 / 27 |
| **11** F | 0224 | 4.0 / 122 | **26** Sa | 0126 | 4.3 / 131 |
| | 0852 | 0.8 / 24 | | 0752 | 0.5 / 15 |
| | 1503 | 4.8 / 146 | | 1358 | 5.2 / 158 |
| | 2140 | 1.1 / 34 | | 2111 | 0.8 / 24 |
| **12** Sa | 0320 | 3.8 / 116 | **27** Su | 0230 | 4.2 / 128 |
| | 0942 | 0.9 / 27 | | 0903 | 0.5 / 15 |
| | 1555 | 4.8 / 146 | | 1501 | 5.3 / 162 |
| | 2232 | 0.9 / 27 | | 2215 | 0.5 / 15 |
| **13** Su | 0420 | 3.7 / 113 | **28** M | 0343 | 4.2 / 128 |
| | 1030 | 1.0 / 30 | | 1009 | 0.4 / 12 |
| | 1648 | 4.8 / 146 | | 1612 | 5.4 / 165 |
| | 2320 | 0.8 / 24 | | 2313 | 0.3 / 9 |
| **14** M | 0519 | 3.8 / 116 | **29** Tu | 0457 | 4.3 / 131 |
| | 1116 | 1.0 / 30 | | 1109 | 0.3 / 9 |
| | 1738 | 4.9 / 149 | | 1721 | 5.6 / 171 |
| **15** Tu | 0007 | 0.7 / 21 | **30** W | 0010 | 0.0 / 0 |
| | 0610 | 3.9 / 119 | | 0603 | 4.6 / 140 |
| | 1202 | 0.9 / 27 | | 1208 | 0.1 / 3 |
| | 1823 | 5.0 / 152 | | 1822 | 5.8 / 177 |
| | | | **31** Th | 0104 | −0.3 / −9 |
| | | | | 0659 | 4.9 / 149 |
| | | | | 1305 | −0.1 / −3 |
| | | | | 1915 | 5.9 / 180 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** F ● | 0155 | −0.5 / −15 | **16** Sa ○ | 0145 | 0.2 / 6 |
| | 0751 | 5.1 / 155 | | 0743 | 4.6 / 140 |
| | 1359 | −0.2 / −6 | | 1350 | 0.5 / 15 |
| | 2005 | 5.9 / 180 | | 1948 | 5.4 / 165 |
| **2** Sa | 0243 | −0.6 / −18 | **17** Su | 0224 | 0.0 / 0 |
| | 0842 | 5.2 / 158 | | 0816 | 4.8 / 146 |
| | 1450 | −0.2 / −6 | | 1433 | 0.4 / 12 |
| | 2054 | 5.8 / 177 | | 2022 | 5.4 / 165 |
| **3** Su | 0328 | −0.5 / −15 | **18** M | 0300 | −0.1 / −3 |
| | 0932 | 5.3 / 162 | | 0849 | 4.9 / 149 |
| | 1539 | 0.0 / 0 | | 1514 | 0.3 / 9 |
| | 2143 | 5.5 / 168 | | 2057 | 5.3 / 162 |
| **4** M | 0411 | −0.4 / −12 | **19** Tu | 0335 | −0.1 / −3 |
| | 1023 | 5.2 / 158 | | 0925 | 5.1 / 155 |
| | 1626 | 0.2 / 6 | | 1555 | 0.3 / 9 |
| | 2232 | 5.2 / 158 | | 2137 | 5.1 / 155 |
| **5** Tu | 0453 | −0.1 / −3 | **20** W | 0410 | −0.1 / −3 |
| | 1112 | 5.2 / 158 | | 1006 | 5.2 / 158 |
| | 1714 | 0.5 / 15 | | 1639 | 0.4 / 12 |
| | 2321 | 4.8 / 146 | | 2224 | 4.9 / 149 |
| **6** W | 0535 | 0.2 / 6 | **21** Th | 0446 | 0.1 / 3 |
| | 1200 | 5.1 / 155 | | 1053 | 5.3 / 162 |
| | 1805 | 0.8 / 24 | | 1729 | 0.6 / 18 |
| | | | | 2317 | 4.7 / 143 |
| **7** Th | 0010 | 4.5 / 137 | **22** F | 0527 | 0.3 / 9 |
| | 0619 | 0.6 / 18 | | 1145 | 5.3 / 162 |
| | 1246 | 4.9 / 149 | | 1830 | 0.8 / 24 |
| | 1902 | 1.1 / 34 | | | |
| **8** F ◐ | 0058 | 4.1 / 125 | **23** Sa ◑ | 0016 | 4.4 / 134 |
| | 0709 | 1.0 / 30 | | 0620 | 0.5 / 15 |
| | 1331 | 4.8 / 146 | | 1241 | 5.3 / 162 |
| | 2004 | 1.2 / 37 | | 1945 | 0.9 / 27 |
| **9** Sa | 0149 | 3.9 / 119 | **24** Su | 0118 | 4.3 / 131 |
| | 0806 | 1.2 / 37 | | 0735 | 0.7 / 21 |
| | 1419 | 4.7 / 143 | | 1343 | 5.2 / 158 |
| | 2105 | 1.3 / 40 | | 2057 | 0.8 / 24 |
| **10** Su | 0244 | 3.7 / 113 | **25** M | 0227 | 4.2 / 128 |
| | 0904 | 1.3 / 40 | | 0853 | 0.7 / 21 |
| | 1513 | 4.6 / 140 | | 1452 | 5.2 / 158 |
| | 2200 | 1.2 / 37 | | 2201 | 0.6 / 18 |
| **11** M | 0346 | 3.7 / 113 | **26** Tu | 0341 | 4.2 / 128 |
| | 0957 | 1.3 / 40 | | 1000 | 0.6 / 18 |
| | 1611 | 4.6 / 140 | | 1607 | 5.3 / 162 |
| | 2250 | 1.0 / 30 | | 2259 | 0.3 / 9 |
| **12** Tu | 0448 | 3.7 / 113 | **27** W | 0452 | 4.4 / 134 |
| | 1047 | 1.2 / 37 | | 1101 | 0.4 / 12 |
| | 1707 | 4.7 / 143 | | 1715 | 5.4 / 165 |
| | 2337 | 0.8 / 24 | | 2353 | 0.1 / 3 |
| **13** W | 0542 | 3.9 / 119 | **28** Th | 0553 | 4.8 / 146 |
| | 1135 | 1.0 / 30 | | 1157 | 0.2 / 6 |
| | 1756 | 4.9 / 149 | | 1813 | 5.6 / 171 |
| **14** Th | 0021 | 0.6 / 18 | **29** F | 0044 | −0.2 / −6 |
| | 0628 | 4.2 / 128 | | 0646 | 5.1 / 155 |
| | 1221 | 0.8 / 24 | | 1251 | 0.0 / 0 |
| | 1837 | 5.1 / 155 | | 1902 | 5.7 / 174 |
| **15** F | 0104 | 0.4 / 12 | **30** Sa ● | 0132 | −0.3 / −9 |
| | 0707 | 4.4 / 134 | | 0734 | 5.3 / 162 |
| | 1306 | 0.7 / 21 | | 1343 | −0.1 / −3 |
| | 1914 | 5.3 / 162 | | 1947 | 5.7 / 174 |
| | | | **31** Su | 0217 | −0.4 / −12 |
| | | | | 0819 | 5.5 / 168 |
| | | | | 1431 | −0.1 / −3 |
| | | | | 2030 | 5.5 / 168 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0259 | −0.3 / −9 | **16** Tu | 0225 | −0.2 / −6 |
| | 0903 | 5.5 / 168 | | 0814 | 5.5 / 168 |
| | 1517 | 0.0 / 0 | | 1453 | 0.0 / 0 |
| | 2114 | 5.3 / 162 | | 2032 | 5.3 / 162 |
| **2** Tu | 0339 | −0.2 / −6 | **17** W | 0303 | −0.2 / −6 |
| | 0947 | 5.4 / 165 | | 0852 | 5.6 / 171 |
| | 1601 | 0.2 / 6 | | 1538 | 0.0 / 0 |
| | 2159 | 5.0 / 152 | | 2116 | 5.1 / 155 |
| **3** W | 0417 | 0.1 / 3 | **18** Th | 0342 | −0.1 / −3 |
| | 1031 | 5.3 / 162 | | 0936 | 5.7 / 174 |
| | 1645 | 0.5 / 15 | | 1625 | 0.1 / 3 |
| | 2246 | 4.6 / 140 | | 2207 | 4.9 / 149 |
| **4** Th | 0454 | 0.5 / 15 | **19** F | 0423 | 0.1 / 3 |
| | 1116 | 5.1 / 155 | | 1027 | 5.6 / 171 |
| | 1730 | 0.8 / 24 | | 1717 | 0.3 / 9 |
| | 2335 | 4.3 / 131 | | 2307 | 4.6 / 140 |
| **5** F | 0531 | 0.9 / 27 | **20** Sa | 0510 | 0.3 / 9 |
| | 1201 | 4.9 / 149 | | 1126 | 5.4 / 165 |
| | 1821 | 1.1 / 34 | | 1819 | 0.6 / 18 |
| **6** Sa | 0025 | 4.0 / 122 | **21** Su | 0012 | 4.4 / 134 |
| | 0613 | 1.2 / 37 | | 0610 | 0.6 / 18 |
| | 1248 | 4.7 / 143 | | 1230 | 5.3 / 162 |
| | 1921 | 1.3 / 40 | | 1931 | 0.7 / 21 |
| **7** Su ◐ | 0117 | 3.8 / 116 | **22** M ◑ | 0118 | 4.3 / 131 |
| | 0712 | 1.5 / 46 | | 0728 | 0.9 / 27 |
| | 1337 | 4.5 / 137 | | 1337 | 5.1 / 155 |
| | 2026 | 1.4 / 43 | | 2043 | 0.7 / 21 |
| **8** M | 0212 | 3.7 / 113 | **23** Tu | 0227 | 4.3 / 131 |
| | 0823 | 1.6 / 49 | | 0845 | 0.9 / 27 |
| | 1431 | 4.4 / 134 | | 1448 | 5.1 / 155 |
| | 2125 | 1.3 / 40 | | 2146 | 0.5 / 15 |
| **9** Tu | 0312 | 3.7 / 113 | **24** W | 0336 | 4.4 / 134 |
| | 0925 | 1.5 / 46 | | 0952 | 0.7 / 21 |
| | 1530 | 4.5 / 137 | | 1559 | 5.1 / 155 |
| | 2217 | 1.1 / 34 | | 2242 | 0.3 / 9 |
| **10** W | 0414 | 3.8 / 116 | **25** Th | 0442 | 4.7 / 143 |
| | 1018 | 1.3 / 40 | | 1050 | 0.5 / 15 |
| | 1629 | 4.6 / 140 | | 1703 | 5.2 / 158 |
| | 2303 | 0.9 / 27 | | 2332 | 0.0 / 0 |
| **11** Th | 0508 | 4.0 / 122 | **26** F | 0539 | 5.0 / 152 |
| | 1107 | 1.1 / 34 | | 1144 | 0.3 / 9 |
| | 1720 | 4.8 / 146 | | 1757 | 5.3 / 162 |
| | 2346 | 0.6 / 18 | | | |
| **12** F | 0554 | 4.3 / 131 | **27** Sa | 0020 | −0.1 / −3 |
| | 1153 | 0.8 / 24 | | 0628 | 5.3 / 162 |
| | 1804 | 5.1 / 155 | | 1235 | 0.1 / 3 |
| | | | | 1843 | 5.4 / 165 |
| **13** Sa | 0028 | 0.4 / 12 | **28** Su | 0104 | −0.2 / −6 |
| | 0632 | 4.7 / 143 | | 0712 | 5.5 / 168 |
| | 1239 | 0.6 / 18 | | 1324 | 0.0 / 0 |
| | 1842 | 5.3 / 162 | | 1925 | 5.3 / 162 |
| **14** Su | 0108 | 0.1 / 3 | **29** M ● | 0147 | −0.2 / −6 |
| | 0707 | 5.0 / 152 | | 0752 | 5.6 / 171 |
| | 1324 | 0.3 / 9 | | 1410 | 0.0 / 0 |
| | 1917 | 5.4 / 165 | | 2006 | 5.2 / 158 |
| **15** M ○ | 0147 | −0.1 / −3 | **30** Tu | 0227 | −0.1 / −3 |
| | 0740 | 5.3 / 162 | | 0831 | 5.6 / 171 |
| | 1409 | 0.1 / 3 | | 1454 | 0.1 / 3 |
| | 1954 | 5.4 / 165 | | 2046 | 5.0 / 152 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# New York (The Battery), New York, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0305 | 0.1 | 3 |
| | 0910 | 5.5 | 168 |
| | 1536 | 0.2 | 6 |
| | 2128 | 4.7 | 143 |
| **2** Th | 0341 | 0.4 | 12 |
| | 0949 | 5.3 | 162 |
| | 1617 | 0.4 | 12 |
| | 2213 | 4.4 | 134 |
| **3** F | 0416 | 0.7 | 21 |
| | 1031 | 5.0 | 152 |
| | 1658 | 0.7 | 21 |
| | 2302 | 4.1 | 125 |
| **4** Sa | 0448 | 1.0 | 30 |
| | 1116 | 4.8 | 146 |
| | 1743 | 1.0 | 30 |
| | 2354 | 3.9 | 119 |
| **5** Su | 0522 | 1.3 | 40 |
| | 1204 | 4.6 | 140 |
| | 1838 | 1.2 | 37 |
| **6** M | 0047 | 3.7 | 113 |
| | 0608 | 1.6 | 49 |
| | 1255 | 4.4 | 134 |
| | 1942 | 1.4 | 43 |
| **7** Tu ◐ | 0140 | 3.7 | 113 |
| | 0733 | 1.7 | 52 |
| | 1348 | 4.4 | 134 |
| | 2045 | 1.3 | 40 |
| **8** W | 0235 | 3.7 | 113 |
| | 0847 | 1.6 | 49 |
| | 1443 | 4.4 | 134 |
| | 2138 | 1.1 | 34 |
| **9** Th | 0332 | 3.8 | 116 |
| | 0945 | 1.4 | 43 |
| | 1541 | 4.5 | 137 |
| | 2224 | 0.8 | 24 |
| **10** F | 0425 | 4.1 | 125 |
| | 1036 | 1.1 | 34 |
| | 1635 | 4.7 | 143 |
| | 2306 | 0.6 | 18 |
| **11** Sa | 0511 | 4.5 | 137 |
| | 1124 | 0.7 | 21 |
| | 1722 | 4.9 | 149 |
| | 2347 | 0.3 | 9 |
| **12** Su | 0552 | 4.9 | 149 |
| | 1211 | 0.4 | 12 |
| | 1805 | 5.0 | 152 |
| **13** M | 0028 | 0.0 | 0 |
| | 0629 | 5.3 | 162 |
| | 1259 | 0.1 | 3 |
| | 1846 | 5.2 | 158 |
| **14** Tu ○ | 0110 | −0.2 | −6 |
| | 0706 | 5.7 | 174 |
| | 1346 | −0.1 | −3 |
| | 1928 | 5.2 | 158 |
| **15** W | 0152 | −0.3 | −9 |
| | 0745 | 5.9 | 180 |
| | 1434 | −0.3 | −9 |
| | 2011 | 5.1 | 155 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0235 | −0.3 | −9 |
| | 0827 | 6.0 | 183 |
| | 1523 | −0.3 | −9 |
| | 2100 | 5.0 | 152 |
| **17** F | 0320 | −0.2 | −6 |
| | 0914 | 5.9 | 180 |
| | 1612 | −0.2 | −6 |
| | 2156 | 4.7 | 143 |
| **18** Sa | 0408 | 0.0 | 0 |
| | 1010 | 5.7 | 174 |
| | 1706 | 0.0 | 0 |
| | 2301 | 4.5 | 137 |
| **19** Su | 0500 | 0.3 | 9 |
| | 1115 | 5.5 | 168 |
| | 1807 | 0.3 | 9 |
| **20** M | 0009 | 4.4 | 134 |
| | 0603 | 0.6 | 18 |
| | 1224 | 5.2 | 158 |
| | 1915 | 0.4 | 12 |
| **21** Tu ◑ | 0114 | 4.4 | 134 |
| | 0718 | 0.8 | 24 |
| | 1330 | 5.0 | 152 |
| | 2023 | 0.4 | 12 |
| **22** W | 0219 | 4.4 | 134 |
| | 0833 | 0.8 | 24 |
| | 1436 | 4.9 | 149 |
| | 2125 | 0.3 | 9 |
| **23** Th | 0323 | 4.5 | 137 |
| | 0938 | 0.7 | 21 |
| | 1541 | 4.8 | 146 |
| | 2218 | 0.1 | 3 |
| **24** F | 0424 | 4.8 | 146 |
| | 1036 | 0.5 | 15 |
| | 1642 | 4.8 | 146 |
| | 2307 | 0.0 | 0 |
| **25** Sa | 0519 | 5.1 | 155 |
| | 1128 | 0.3 | 9 |
| | 1735 | 4.9 | 149 |
| | 2351 | −0.1 | −3 |
| **26** Su | 0606 | 5.3 | 162 |
| | 1217 | 0.2 | 6 |
| | 1821 | 4.9 | 149 |
| **27** M | 0034 | −0.1 | −3 |
| | 0647 | 5.5 | 168 |
| | 1304 | 0.1 | 3 |
| | 1903 | 4.8 | 146 |
| **28** Tu ● | 0116 | 0.0 | 0 |
| | 0726 | 5.5 | 168 |
| | 1349 | 0.0 | 0 |
| | 1943 | 4.7 | 143 |
| **29** W | 0156 | 0.1 | 3 |
| | 0802 | 5.5 | 168 |
| | 1431 | 0.1 | 3 |
| | 2022 | 4.5 | 137 |
| **30** Th | 0234 | 0.3 | 9 |
| | 0837 | 5.4 | 165 |
| | 1512 | 0.1 | 3 |
| | 2103 | 4.3 | 131 |
| **31** F | 0311 | 0.5 | 15 |
| | 0914 | 5.2 | 158 |
| | 1552 | 0.3 | 9 |
| | 2146 | 4.1 | 125 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0345 | 0.7 | 21 |
| | 0952 | 4.9 | 149 |
| | 1632 | 0.5 | 15 |
| | 2234 | 3.9 | 119 |
| **2** Su | 0418 | 0.9 | 27 |
| | 1035 | 4.7 | 143 |
| | 1713 | 0.7 | 21 |
| | 2325 | 3.7 | 113 |
| **3** M | 0450 | 1.2 | 37 |
| | 1123 | 4.5 | 137 |
| | 1759 | 0.9 | 27 |
| **4** Tu | 0016 | 3.6 | 110 |
| | 0528 | 1.4 | 43 |
| | 1212 | 4.4 | 134 |
| | 1854 | 1.1 | 34 |
| **5** W ◐ | 0104 | 3.6 | 110 |
| | 0630 | 1.5 | 46 |
| | 1301 | 4.3 | 131 |
| | 1955 | 1.1 | 34 |
| **6** Th | 0152 | 3.7 | 113 |
| | 0800 | 1.5 | 46 |
| | 1351 | 4.3 | 131 |
| | 2050 | 0.9 | 27 |
| **7** F | 0241 | 3.9 | 119 |
| | 0907 | 1.3 | 40 |
| | 1444 | 4.3 | 131 |
| | 2138 | 0.7 | 21 |
| **8** Sa | 0331 | 4.2 | 128 |
| | 1003 | 1.0 | 30 |
| | 1540 | 4.4 | 134 |
| | 2223 | 0.4 | 12 |
| **9** Su | 0421 | 4.6 | 140 |
| | 1055 | 0.6 | 18 |
| | 1636 | 4.5 | 137 |
| | 2306 | 0.1 | 3 |
| **10** M | 0508 | 5.0 | 152 |
| | 1145 | 0.2 | 6 |
| | 1729 | 4.7 | 143 |
| | 2350 | −0.1 | −3 |
| **11** Tu | 0553 | 5.4 | 165 |
| | 1235 | −0.1 | −3 |
| | 1818 | 4.8 | 146 |
| **12** W | 0036 | −0.3 | −9 |
| | 0637 | 5.8 | 177 |
| | 1326 | −0.4 | −12 |
| | 1907 | 4.9 | 149 |
| **13** Th ○ | 0124 | −0.4 | −12 |
| | 0722 | 6.0 | 183 |
| | 1417 | −0.6 | −18 |
| | 1956 | 4.9 | 149 |
| **14** F | 0214 | −0.5 | −15 |
| | 0809 | 6.0 | 183 |
| | 1508 | −0.6 | −18 |
| | 2049 | 4.8 | 146 |
| **15** Sa | 0305 | −0.4 | −12 |
| | 0902 | 5.9 | 180 |
| | 1600 | −0.5 | −15 |
| | 2148 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0356 | −0.3 | −9 |
| | 1001 | 5.7 | 174 |
| | 1653 | −0.4 | −12 |
| | 2254 | 4.5 | 137 |
| **17** M | 0451 | 0.0 | 0 |
| | 1107 | 5.4 | 165 |
| | 1750 | −0.2 | −6 |
| | 2359 | 4.4 | 134 |
| **18** Tu | 0552 | 0.3 | 9 |
| | 1213 | 5.1 | 155 |
| | 1852 | 0.0 | 0 |
| **19** W ◑ | 0101 | 4.4 | 134 |
| | 0702 | 0.5 | 15 |
| | 1314 | 4.9 | 149 |
| | 1956 | 0.1 | 3 |
| **20** Th | 0201 | 4.5 | 137 |
| | 0813 | 0.6 | 18 |
| | 1414 | 4.6 | 140 |
| | 2055 | 0.1 | 3 |
| **21** F | 0259 | 4.6 | 140 |
| | 0918 | 0.6 | 18 |
| | 1513 | 4.4 | 134 |
| | 2149 | 0.1 | 3 |
| **22** Sa | 0357 | 4.7 | 143 |
| | 1016 | 0.5 | 15 |
| | 1612 | 4.3 | 131 |
| | 2236 | 0.0 | 0 |
| **23** Su | 0451 | 4.9 | 149 |
| | 1108 | 0.3 | 9 |
| | 1707 | 4.3 | 131 |
| | 2321 | 0.0 | 0 |
| **24** M | 0539 | 5.1 | 155 |
| | 1156 | 0.2 | 6 |
| | 1757 | 4.2 | 128 |
| **25** Tu | 0004 | 0.1 | 3 |
| | 0621 | 5.2 | 158 |
| | 1242 | 0.1 | 3 |
| | 1841 | 4.2 | 128 |
| **26** W | 0046 | 0.1 | 3 |
| | 0700 | 5.2 | 158 |
| | 1327 | 0.0 | 0 |
| | 1923 | 4.2 | 128 |
| **27** Th ● | 0127 | 0.2 | 6 |
| | 0737 | 5.2 | 158 |
| | 1409 | 0.0 | 0 |
| | 2003 | 4.1 | 125 |
| **28** F | 0208 | 0.3 | 9 |
| | 0813 | 5.1 | 155 |
| | 1450 | 0.0 | 0 |
| | 2043 | 4.0 | 122 |
| **29** Sa | 0246 | 0.4 | 12 |
| | 0849 | 5.0 | 152 |
| | 1530 | 0.1 | 3 |
| | 2124 | 3.9 | 119 |
| **30** Su | 0323 | 0.5 | 15 |
| | 0926 | 4.8 | 146 |
| | 1609 | 0.2 | 6 |
| | 2208 | 3.8 | 116 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0358 | 0.7 | 21 |
| | 1006 | 4.6 | 140 |
| | 1647 | 0.3 | 9 |
| | 2254 | 3.7 | 113 |
| **2** Tu | 0431 | 0.8 | 24 |
| | 1047 | 4.5 | 137 |
| | 1725 | 0.5 | 15 |
| | 2339 | 3.6 | 110 |
| **3** W | 0505 | 1.0 | 30 |
| | 1130 | 4.3 | 131 |
| | 1807 | 0.6 | 18 |
| **4** Th | 0022 | 3.6 | 110 |
| | 0550 | 1.1 | 34 |
| | 1215 | 4.2 | 128 |
| | 1855 | 0.6 | 18 |
| **5** F ◐ | 0103 | 3.8 | 116 |
| | 0703 | 1.2 | 37 |
| | 1302 | 4.1 | 125 |
| | 1951 | 0.6 | 18 |
| **6** Sa | 0147 | 4.0 | 122 |
| | 0824 | 1.1 | 34 |
| | 1353 | 4.1 | 125 |
| | 2046 | 0.4 | 12 |
| **7** Su | 0235 | 4.3 | 131 |
| | 0929 | 0.8 | 24 |
| | 1450 | 4.1 | 125 |
| | 2137 | 0.2 | 6 |
| **8** M | 0329 | 4.6 | 140 |
| | 1026 | 0.4 | 12 |
| | 1553 | 4.1 | 125 |
| | 2227 | 0.0 | 0 |
| **9** Tu | 0426 | 5.0 | 152 |
| | 1121 | 0.1 | 3 |
| | 1657 | 4.2 | 128 |
| | 2318 | −0.2 | −6 |
| **10** W | 0522 | 5.3 | 162 |
| | 1215 | −0.3 | −9 |
| | 1756 | 4.4 | 134 |
| **11** Th | 0011 | −0.4 | −12 |
| | 0616 | 5.6 | 171 |
| | 1309 | −0.6 | −18 |
| | 1851 | 4.5 | 137 |
| **12** F ○ | 0105 | −0.6 | −18 |
| | 0707 | 5.8 | 177 |
| | 1402 | −0.8 | −24 |
| | 1945 | 4.6 | 140 |
| **13** Sa | 0159 | −0.7 | −21 |
| | 0800 | 5.9 | 180 |
| | 1454 | −0.9 | −27 |
| | 2040 | 4.6 | 140 |
| **14** Su | 0253 | −0.7 | −21 |
| | 0854 | 5.8 | 177 |
| | 1545 | −0.9 | −27 |
| | 2138 | 4.6 | 140 |
| **15** M | 0345 | −0.6 | −18 |
| | 0953 | 5.5 | 168 |
| | 1636 | −0.8 | −24 |
| | 2240 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0439 | −0.4 | −12 |
| | 1054 | 5.3 | 162 |
| | 1728 | −0.6 | −18 |
| | 2340 | 4.5 | 137 |
| **17** W | 0536 | 0.0 | 0 |
| | 1153 | 5.0 | 152 |
| | 1823 | −0.3 | −9 |
| **18** Th | 0038 | 4.5 | 137 |
| | 0638 | 0.3 | 9 |
| | 1249 | 4.6 | 140 |
| | 1920 | −0.1 | −3 |
| **19** F ◑ | 0133 | 4.5 | 137 |
| | 0745 | 0.5 | 15 |
| | 1344 | 4.3 | 131 |
| | 2018 | 0.0 | 0 |
| **20** Sa | 0227 | 4.5 | 137 |
| | 0851 | 0.5 | 15 |
| | 1439 | 4.0 | 122 |
| | 2113 | 0.1 | 3 |
| **21** Su | 0322 | 4.5 | 137 |
| | 0950 | 0.5 | 15 |
| | 1538 | 3.8 | 116 |
| | 2203 | 0.2 | 6 |
| **22** M | 0417 | 4.6 | 140 |
| | 1043 | 0.4 | 12 |
| | 1637 | 3.7 | 113 |
| | 2250 | 0.2 | 6 |
| **23** Tu | 0508 | 4.6 | 140 |
| | 1132 | 0.3 | 9 |
| | 1732 | 3.7 | 113 |
| | 2335 | 0.3 | 9 |
| **24** W | 0555 | 4.7 | 143 |
| | 1219 | 0.1 | 3 |
| | 1821 | 3.8 | 116 |
| **25** Th | 0019 | 0.3 | 9 |
| | 0638 | 4.8 | 146 |
| | 1304 | 0.0 | 0 |
| | 1904 | 3.8 | 116 |
| **26** F | 0103 | 0.2 | 6 |
| | 0718 | 4.9 | 149 |
| | 1347 | −0.1 | −3 |
| | 1945 | 3.9 | 119 |
| **27** Sa ● | 0145 | 0.2 | 6 |
| | 0755 | 4.9 | 149 |
| | 1428 | −0.1 | −3 |
| | 2024 | 3.9 | 119 |
| **28** Su | 0226 | 0.2 | 6 |
| | 0831 | 4.8 | 146 |
| | 1508 | −0.2 | −6 |
| | 2103 | 3.8 | 116 |
| **29** M | 0304 | 0.2 | 6 |
| | 0907 | 4.7 | 143 |
| | 1545 | −0.1 | −3 |
| | 2142 | 3.8 | 116 |
| **30** Tu | 0340 | 0.3 | 9 |
| | 0941 | 4.6 | 140 |
| | 1620 | −0.1 | −3 |
| | 2219 | 3.8 | 116 |
| **31** W | 0414 | 0.4 | 12 |
| | 1016 | 4.5 | 137 |
| | 1653 | 0.0 | 0 |
| | 2257 | 3.8 | 116 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bayonne Bridge, Staten Island, New York, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0232 | 4.6 | 140 |
| | 0905 | 0.9 | 27 |
| | 1441 | 4.0 | 122 |
| | 2116 | 0.6 | 18 |
| **2** W | 0320 | 4.6 | 140 |
| | 1003 | 0.8 | 24 |
| | 1535 | 3.8 | 116 |
| | 2206 | 0.6 | 18 |
| **3** Th | 0413 | 4.6 | 140 |
| | 1055 | 0.6 | 18 |
| | 1634 | 3.8 | 116 |
| | 2252 | 0.6 | 18 |
| **4** F | 0506 | 4.8 | 146 |
| | 1143 | 0.4 | 12 |
| | 1731 | 3.8 | 116 |
| | 2338 | 0.5 | 15 |
| **5** Sa | 0556 | 4.9 | 149 |
| | 1230 | 0.2 | 6 |
| | 1821 | 4.0 | 122 |
| **6** Su | 0024 | 0.3 | 9 |
| | 0640 | 5.1 | 155 |
| | 1316 | 0.0 | 0 |
| | 1905 | 4.1 | 125 |
| **7** M | 0110 | 0.2 | 6 |
| | 0719 | 5.3 | 162 |
| | 1400 | −0.2 | −6 |
| | 1943 | 4.3 | 131 |
| **8** Tu ● | 0154 | 0.1 | 3 |
| | 0753 | 5.4 | 165 |
| | 1442 | −0.4 | −12 |
| | 2018 | 4.4 | 134 |
| **9** W | 0237 | 0.0 | 0 |
| | 0825 | 5.4 | 165 |
| | 1521 | −0.5 | −15 |
| | 2051 | 4.4 | 134 |
| **10** Th | 0318 | −0.1 | −3 |
| | 0857 | 5.4 | 165 |
| | 1558 | −0.5 | −15 |
| | 2126 | 4.5 | 137 |
| **11** F | 0357 | −0.1 | −3 |
| | 0934 | 5.3 | 162 |
| | 1633 | −0.5 | −15 |
| | 2206 | 4.6 | 140 |
| **12** Sa | 0436 | 0.0 | 0 |
| | 1016 | 5.2 | 158 |
| | 1708 | −0.5 | −15 |
| | 2251 | 4.7 | 143 |
| **13** Su | 0518 | 0.1 | 3 |
| | 1105 | 5.0 | 152 |
| | 1746 | −0.4 | −12 |
| | 2343 | 4.8 | 146 |
| **14** M | 0608 | 0.3 | 9 |
| | 1200 | 4.8 | 146 |
| | 1829 | −0.2 | −6 |
| **15** Tu ◐ | 0037 | 5.0 | 152 |
| | 0714 | 0.5 | 15 |
| | 1259 | 4.6 | 140 |
| | 1927 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0133 | 5.1 | 155 |
| | 0837 | 0.5 | 15 |
| | 1401 | 4.4 | 134 |
| | 2038 | 0.1 | 3 |
| **17** Th | 0234 | 5.1 | 155 |
| | 0953 | 0.3 | 9 |
| | 1509 | 4.2 | 128 |
| | 2149 | 0.0 | 0 |
| **18** F | 0342 | 5.2 | 158 |
| | 1057 | 0.0 | 0 |
| | 1623 | 4.2 | 128 |
| | 2253 | −0.2 | −6 |
| **19** Sa | 0454 | 5.4 | 165 |
| | 1156 | −0.3 | −9 |
| | 1734 | 4.4 | 134 |
| | 2353 | −0.4 | −12 |
| **20** Su | 0600 | 5.7 | 174 |
| | 1252 | −0.6 | −18 |
| | 1835 | 4.7 | 143 |
| **21** M | 0050 | −0.6 | −18 |
| | 0656 | 5.9 | 180 |
| | 1345 | −0.9 | −27 |
| | 1928 | 5.0 | 152 |
| **22** Tu ○ | 0145 | −0.7 | −21 |
| | 0746 | 6.0 | 183 |
| | 1435 | −1.0 | −30 |
| | 2017 | 5.1 | 155 |
| **23** W | 0236 | −0.8 | −24 |
| | 0832 | 5.9 | 180 |
| | 1520 | −1.1 | −34 |
| | 2105 | 5.2 | 158 |
| **24** Th | 0324 | −0.7 | −21 |
| | 0918 | 5.7 | 174 |
| | 1602 | −1.0 | −30 |
| | 2152 | 5.1 | 155 |
| **25** F | 0408 | −0.5 | −15 |
| | 1003 | 5.4 | 165 |
| | 1641 | −0.7 | −21 |
| | 2240 | 5.0 | 152 |
| **26** Sa | 0449 | −0.3 | −9 |
| | 1048 | 5.0 | 152 |
| | 1717 | −0.4 | −12 |
| | 2327 | 4.9 | 149 |
| **27** Su | 0530 | 0.1 | 3 |
| | 1134 | 4.7 | 143 |
| | 1751 | 0.0 | 0 |
| **28** M | 0013 | 4.7 | 143 |
| | 0613 | 0.5 | 15 |
| | 1220 | 4.3 | 131 |
| | 1825 | 0.3 | 9 |
| **29** Tu | 0057 | 4.6 | 140 |
| | 0703 | 0.8 | 24 |
| | 1305 | 4.0 | 122 |
| | 1905 | 0.7 | 21 |
| **30** W ◑ | 0141 | 4.4 | 134 |
| | 0809 | 1.0 | 30 |
| | 1353 | 3.7 | 113 |
| | 2001 | 0.9 | 27 |
| **31** Th | 0228 | 4.4 | 134 |
| | 0919 | 1.0 | 30 |
| | 1447 | 3.6 | 110 |
| | 2111 | 1.0 | 30 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0322 | 4.3 | 131 |
| | 1019 | 0.9 | 27 |
| | 1550 | 3.5 | 107 |
| | 2212 | 0.9 | 27 |
| **2** Sa | 0423 | 4.4 | 134 |
| | 1112 | 0.6 | 18 |
| | 1656 | 3.6 | 110 |
| | 2306 | 0.7 | 21 |
| **3** Su | 0523 | 4.6 | 140 |
| | 1201 | 0.3 | 9 |
| | 1753 | 3.8 | 116 |
| | 2357 | 0.4 | 12 |
| **4** M | 0613 | 4.9 | 149 |
| | 1248 | 0.0 | 0 |
| | 1840 | 4.1 | 125 |
| **5** Tu | 0046 | 0.2 | 6 |
| | 0656 | 5.2 | 158 |
| | 1333 | −0.3 | −9 |
| | 1920 | 4.4 | 134 |
| **6** W ● | 0133 | −0.1 | −3 |
| | 0733 | 5.4 | 165 |
| | 1415 | −0.5 | −15 |
| | 1956 | 4.7 | 143 |
| **7** Th | 0219 | −0.3 | −9 |
| | 0807 | 5.6 | 171 |
| | 1454 | −0.7 | −21 |
| | 2030 | 4.9 | 149 |
| **8** F | 0302 | −0.4 | −12 |
| | 0842 | 5.6 | 171 |
| | 1532 | −0.8 | −24 |
| | 2105 | 5.1 | 155 |
| **9** Sa | 0344 | −0.5 | −15 |
| | 0919 | 5.5 | 168 |
| | 1608 | −0.8 | −24 |
| | 2144 | 5.2 | 158 |
| **10** Su | 0426 | −0.4 | −12 |
| | 1002 | 5.3 | 162 |
| | 1644 | −0.7 | −21 |
| | 2228 | 5.3 | 162 |
| **11** M | 0509 | −0.3 | −9 |
| | 1051 | 5.1 | 155 |
| | 1722 | −0.5 | −15 |
| | 2319 | 5.3 | 162 |
| **12** Tu | 0559 | 0.0 | 0 |
| | 1146 | 4.8 | 146 |
| | 1805 | −0.3 | −9 |
| **13** W ◐ | 0014 | 5.3 | 162 |
| | 0702 | 0.3 | 9 |
| | 1247 | 4.5 | 137 |
| | 1901 | 0.0 | 0 |
| **14** Th | 0114 | 5.2 | 158 |
| | 0822 | 0.5 | 15 |
| | 1351 | 4.3 | 131 |
| | 2018 | 0.3 | 9 |
| **15** F | 0218 | 5.1 | 155 |
| | 0939 | 0.4 | 12 |
| | 1500 | 4.1 | 125 |
| | 2136 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0329 | 5.1 | 155 |
| | 1045 | 0.1 | 3 |
| | 1615 | 4.2 | 128 |
| | 2243 | 0.1 | 3 |
| **17** Su | 0444 | 5.2 | 158 |
| | 1142 | −0.2 | −6 |
| | 1725 | 4.5 | 137 |
| | 2343 | −0.1 | −3 |
| **18** M | 0551 | 5.4 | 165 |
| | 1236 | −0.5 | −15 |
| | 1824 | 4.8 | 146 |
| **19** Tu | 0039 | −0.4 | −12 |
| | 0645 | 5.6 | 171 |
| | 1325 | −0.7 | −21 |
| | 1914 | 5.1 | 155 |
| **20** W ○ | 0131 | −0.5 | −15 |
| | 0732 | 5.7 | 174 |
| | 1411 | −0.8 | −24 |
| | 1959 | 5.4 | 165 |
| **21** Th | 0219 | −0.6 | −18 |
| | 0814 | 5.7 | 174 |
| | 1453 | −0.9 | −27 |
| | 2041 | 5.5 | 168 |
| **22** F | 0304 | −0.6 | −18 |
| | 0854 | 5.5 | 168 |
| | 1532 | −0.7 | −21 |
| | 2122 | 5.4 | 165 |
| **23** Sa | 0345 | −0.5 | −15 |
| | 0933 | 5.3 | 162 |
| | 1606 | −0.5 | −15 |
| | 2201 | 5.3 | 162 |
| **24** Su | 0422 | −0.2 | −6 |
| | 1012 | 4.9 | 149 |
| | 1637 | −0.2 | −6 |
| | 2241 | 5.1 | 155 |
| **25** M | 0458 | 0.0 | 0 |
| | 1052 | 4.6 | 140 |
| | 1705 | 0.1 | 3 |
| | 2320 | 4.9 | 149 |
| **26** Tu | 0534 | 0.4 | 12 |
| | 1134 | 4.3 | 131 |
| | 1730 | 0.5 | 15 |
| **27** W | 0000 | 4.7 | 143 |
| | 0612 | 0.7 | 21 |
| | 1219 | 4.0 | 122 |
| | 1757 | 0.8 | 24 |
| **28** Th ◑ | 0042 | 4.5 | 137 |
| | 0704 | 1.0 | 30 |
| | 1307 | 3.7 | 113 |
| | 1837 | 1.1 | 34 |
| **29** F | 0129 | 4.4 | 134 |
| | 0823 | 1.2 | 37 |
| | 1400 | 3.6 | 110 |
| | 1953 | 1.3 | 40 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0224 | 4.3 | 131 |
| | 0938 | 1.1 | 34 |
| | 1503 | 3.6 | 110 |
| | 2129 | 1.2 | 37 |
| **2** Su | 0330 | 4.4 | 134 |
| | 1036 | 0.8 | 24 |
| | 1613 | 3.7 | 113 |
| | 2234 | 1.0 | 30 |
| **3** M | 0439 | 4.6 | 140 |
| | 1127 | 0.5 | 15 |
| | 1716 | 4.0 | 122 |
| | 2329 | 0.6 | 18 |
| **4** Tu | 0537 | 4.9 | 149 |
| | 1213 | 0.2 | 6 |
| | 1807 | 4.4 | 134 |
| **5** W | 0020 | 0.3 | 9 |
| | 0624 | 5.2 | 158 |
| | 1258 | −0.2 | −6 |
| | 1849 | 4.9 | 149 |
| **6** Th | 0109 | −0.1 | −3 |
| | 0705 | 5.5 | 168 |
| | 1341 | −0.5 | −15 |
| | 1927 | 5.3 | 162 |
| **7** F ● | 0157 | −0.4 | −12 |
| | 0744 | 5.7 | 174 |
| | 1422 | −0.7 | −21 |
| | 2003 | 5.6 | 171 |
| **8** Sa | 0244 | −0.6 | −18 |
| | 0822 | 5.7 | 174 |
| | 1502 | −0.9 | −27 |
| | 2040 | 5.9 | 180 |
| **9** Su | 0329 | −0.7 | −21 |
| | 0903 | 5.6 | 171 |
| | 1542 | −0.9 | −27 |
| | 2121 | 6.0 | 183 |
| **10** M | 0414 | −0.7 | −21 |
| | 0948 | 5.4 | 165 |
| | 1621 | −0.7 | −21 |
| | 2207 | 5.9 | 180 |
| **11** Tu | 0500 | −0.5 | −15 |
| | 1039 | 5.1 | 155 |
| | 1703 | −0.5 | −15 |
| | 2259 | 5.8 | 177 |
| **12** W | 0551 | −0.1 | −3 |
| | 1139 | 4.8 | 146 |
| | 1750 | −0.1 | −3 |
| | 2358 | 5.5 | 168 |
| **13** Th | 0654 | 0.2 | 6 |
| | 1243 | 4.6 | 140 |
| | 1849 | 0.3 | 9 |
| **14** F ◐ | 0103 | 5.3 | 162 |
| | 0810 | 0.5 | 15 |
| | 1348 | 4.4 | 134 |
| | 2008 | 0.6 | 18 |
| **15** Sa | 0210 | 5.1 | 155 |
| | 0924 | 0.4 | 12 |
| | 1456 | 4.4 | 134 |
| | 2127 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0320 | 5.0 | 152 |
| | 1028 | 0.2 | 6 |
| | 1606 | 4.5 | 137 |
| | 2233 | 0.4 | 12 |
| **17** M | 0431 | 5.1 | 155 |
| | 1123 | 0.0 | 0 |
| | 1711 | 4.8 | 146 |
| | 2331 | 0.1 | 3 |
| **18** Tu | 0535 | 5.2 | 158 |
| | 1212 | −0.2 | −6 |
| | 1807 | 5.1 | 155 |
| **19** W | 0024 | −0.1 | −3 |
| | 0627 | 5.4 | 165 |
| | 1259 | −0.4 | −12 |
| | 1854 | 5.4 | 165 |
| **20** Th | 0113 | −0.2 | −6 |
| | 0711 | 5.5 | 168 |
| | 1342 | −0.5 | −15 |
| | 1936 | 5.7 | 174 |
| **21** F ○ | 0159 | −0.3 | −9 |
| | 0750 | 5.5 | 168 |
| | 1421 | −0.4 | −12 |
| | 2014 | 5.7 | 174 |
| **22** Sa | 0241 | −0.3 | −9 |
| | 0828 | 5.4 | 165 |
| | 1458 | −0.3 | −9 |
| | 2049 | 5.7 | 174 |
| **23** Su | 0320 | −0.3 | −9 |
| | 0904 | 5.1 | 155 |
| | 1531 | −0.1 | −3 |
| | 2123 | 5.6 | 171 |
| **24** M | 0357 | −0.1 | −3 |
| | 0939 | 4.9 | 149 |
| | 1600 | 0.2 | 6 |
| | 2155 | 5.3 | 162 |
| **25** Tu | 0431 | 0.1 | 3 |
| | 1015 | 4.6 | 140 |
| | 1626 | 0.5 | 15 |
| | 2227 | 5.1 | 155 |
| **26** W | 0504 | 0.4 | 12 |
| | 1054 | 4.3 | 131 |
| | 1651 | 0.7 | 21 |
| | 2300 | 4.9 | 149 |
| **27** Th | 0538 | 0.7 | 21 |
| | 1137 | 4.0 | 122 |
| | 1719 | 1.0 | 30 |
| | 2342 | 4.7 | 143 |
| **28** F | 0620 | 1.0 | 30 |
| | 1227 | 3.9 | 119 |
| | 1757 | 1.2 | 37 |
| **29** Sa ◑ | 0033 | 4.6 | 140 |
| | 0726 | 1.2 | 37 |
| | 1321 | 3.8 | 116 |
| | 1855 | 1.4 | 43 |
| **30** Su | 0130 | 4.5 | 137 |
| | 0848 | 1.2 | 37 |
| | 1420 | 3.8 | 116 |
| | 2039 | 1.5 | 46 |
| **31** M | 0234 | 4.5 | 137 |
| | 0953 | 1.0 | 30 |
| | 1525 | 4.0 | 122 |
| | 2159 | 1.2 | 37 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bayonne Bridge, Staten Island, New York, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0343 | 4.7 | 143 |
| | 1046 | 0.6 | 18 |
| | 1628 | 4.4 | 134 |
| | 2259 | 0.8 | 24 |
| **2** W | 0449 | 4.9 | 149 |
| | 1133 | 0.3 | 9 |
| | 1724 | 4.8 | 146 |
| | 2352 | 0.4 | 12 |
| **3** Th | 0544 | 5.2 | 158 |
| | 1218 | −0.1 | −3 |
| | 1811 | 5.4 | 165 |
| **4** F | 0043 | 0.0 | 0 |
| | 0632 | 5.5 | 168 |
| | 1303 | −0.4 | −12 |
| | 1854 | 5.9 | 180 |
| **5** Sa ● | 0134 | −0.4 | −12 |
| | 0717 | 5.7 | 174 |
| | 1348 | −0.6 | −18 |
| | 1935 | 6.3 | 192 |
| **6** Su | 0224 | −0.6 | −18 |
| | 0800 | 5.8 | 177 |
| | 1433 | −0.7 | −21 |
| | 2016 | 6.5 | 198 |
| **7** M | 0313 | −0.8 | −24 |
| | 0846 | 5.7 | 174 |
| | 1517 | −0.7 | −21 |
| | 2100 | 6.5 | 198 |
| **8** Tu | 0401 | −0.7 | −21 |
| | 0935 | 5.5 | 168 |
| | 1602 | −0.5 | −15 |
| | 2149 | 6.4 | 195 |
| **9** W | 0451 | −0.5 | −15 |
| | 1032 | 5.2 | 158 |
| | 1649 | −0.2 | −6 |
| | 2246 | 6.1 | 186 |
| **10** Th | 0543 | −0.2 | −6 |
| | 1136 | 5.0 | 152 |
| | 1740 | 0.1 | 3 |
| | 2350 | 5.7 | 174 |
| **11** F | 0644 | 0.1 | 3 |
| | 1241 | 4.8 | 146 |
| | 1842 | 0.5 | 15 |
| **12** Sa ◐ | 0056 | 5.5 | 168 |
| | 0754 | 0.4 | 12 |
| | 1345 | 4.7 | 143 |
| | 1958 | 0.8 | 24 |
| **13** Su | 0201 | 5.2 | 158 |
| | 0903 | 0.4 | 12 |
| | 1447 | 4.8 | 146 |
| | 2114 | 0.8 | 24 |
| **14** M | 0305 | 5.1 | 155 |
| | 1004 | 0.3 | 9 |
| | 1549 | 4.9 | 149 |
| | 2218 | 0.6 | 18 |
| **15** Tu | 0408 | 5.0 | 152 |
| | 1056 | 0.2 | 6 |
| | 1648 | 5.1 | 155 |
| | 2313 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0508 | 5.1 | 155 |
| | 1142 | 0.0 | 0 |
| | 1742 | 5.4 | 165 |
| **17** Th | 0003 | 0.2 | 6 |
| | 0559 | 5.1 | 155 |
| | 1226 | 0.0 | 0 |
| | 1827 | 5.7 | 174 |
| **18** F | 0050 | 0.1 | 3 |
| | 0644 | 5.2 | 158 |
| | 1307 | 0.0 | 0 |
| | 1908 | 5.9 | 180 |
| **19** Sa | 0135 | 0.0 | 0 |
| | 0724 | 5.2 | 158 |
| | 1346 | 0.1 | 3 |
| | 1944 | 5.9 | 180 |
| **20** Su ○ | 0217 | 0.0 | 0 |
| | 0802 | 5.1 | 155 |
| | 1423 | 0.2 | 6 |
| | 2018 | 5.9 | 180 |
| **21** M | 0257 | 0.0 | 0 |
| | 0837 | 5.0 | 152 |
| | 1457 | 0.4 | 12 |
| | 2049 | 5.7 | 174 |
| **22** Tu | 0334 | 0.1 | 3 |
| | 0912 | 4.8 | 146 |
| | 1529 | 0.6 | 18 |
| | 2117 | 5.5 | 168 |
| **23** W | 0409 | 0.3 | 9 |
| | 0947 | 4.5 | 137 |
| | 1558 | 0.8 | 24 |
| | 2145 | 5.3 | 162 |
| **24** Th | 0443 | 0.5 | 15 |
| | 1023 | 4.3 | 131 |
| | 1626 | 1.0 | 30 |
| | 2217 | 5.1 | 155 |
| **25** F | 0518 | 0.7 | 21 |
| | 1106 | 4.1 | 125 |
| | 1657 | 1.1 | 34 |
| | 2259 | 5.0 | 152 |
| **26** Sa | 0557 | 0.9 | 27 |
| | 1157 | 4.1 | 125 |
| | 1735 | 1.3 | 40 |
| | 2352 | 4.9 | 149 |
| **27** Su | 0647 | 1.0 | 30 |
| | 1251 | 4.1 | 125 |
| | 1828 | 1.5 | 46 |
| **28** M ◑ | 0050 | 4.8 | 146 |
| | 0755 | 1.1 | 34 |
| | 1344 | 4.2 | 128 |
| | 1953 | 1.5 | 46 |
| **29** Tu | 0149 | 4.8 | 146 |
| | 0902 | 0.9 | 27 |
| | 1440 | 4.5 | 137 |
| | 2122 | 1.3 | 40 |
| **30** W | 0252 | 4.9 | 149 |
| | 0958 | 0.6 | 18 |
| | 1538 | 4.9 | 149 |
| | 2227 | 0.9 | 27 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0357 | 5.0 | 152 |
| | 1048 | 0.3 | 9 |
| | 1636 | 5.3 | 162 |
| | 2323 | 0.5 | 15 |
| **2** F | 0501 | 5.2 | 158 |
| | 1136 | 0.0 | 0 |
| | 1731 | 5.8 | 177 |
| **3** Sa | 0018 | 0.1 | 3 |
| | 0558 | 5.4 | 165 |
| | 1225 | −0.2 | −6 |
| | 1821 | 6.3 | 192 |
| **4** Su | 0112 | −0.3 | −9 |
| | 0650 | 5.5 | 168 |
| | 1315 | −0.4 | −12 |
| | 1908 | 6.7 | 204 |
| **5** M ● | 0206 | −0.6 | −18 |
| | 0740 | 5.6 | 171 |
| | 1405 | −0.5 | −15 |
| | 1955 | 6.8 | 207 |
| **6** Tu | 0258 | −0.7 | −21 |
| | 0830 | 5.6 | 171 |
| | 1456 | −0.5 | −15 |
| | 2043 | 6.8 | 207 |
| **7** W | 0349 | −0.7 | −21 |
| | 0924 | 5.4 | 165 |
| | 1547 | −0.3 | −9 |
| | 2136 | 6.5 | 198 |
| **8** Th | 0440 | −0.6 | −18 |
| | 1025 | 5.3 | 162 |
| | 1638 | −0.1 | −3 |
| | 2236 | 6.2 | 189 |
| **9** F | 0532 | −0.3 | −9 |
| | 1130 | 5.1 | 155 |
| | 1731 | 0.2 | 6 |
| | 2342 | 5.9 | 180 |
| **10** Sa | 0629 | 0.0 | 0 |
| | 1234 | 5.1 | 155 |
| | 1832 | 0.6 | 18 |
| **11** Su ◐ | 0045 | 5.6 | 171 |
| | 0731 | 0.2 | 6 |
| | 1332 | 5.1 | 155 |
| | 1941 | 0.8 | 24 |
| **12** M | 0144 | 5.3 | 162 |
| | 0834 | 0.3 | 9 |
| | 1428 | 5.1 | 155 |
| | 2052 | 0.9 | 27 |
| **13** Tu | 0240 | 5.1 | 155 |
| | 0931 | 0.4 | 12 |
| | 1523 | 5.2 | 158 |
| | 2155 | 0.8 | 24 |
| **14** W | 0336 | 4.9 | 149 |
| | 1022 | 0.3 | 9 |
| | 1617 | 5.4 | 165 |
| | 2249 | 0.7 | 21 |
| **15** Th | 0432 | 4.8 | 146 |
| | 1107 | 0.3 | 9 |
| | 1709 | 5.5 | 168 |
| | 2338 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0526 | 4.8 | 146 |
| | 1149 | 0.4 | 12 |
| | 1755 | 5.7 | 174 |
| **17** Sa | 0024 | 0.4 | 12 |
| | 0614 | 4.8 | 146 |
| | 1229 | 0.4 | 12 |
| | 1837 | 5.8 | 177 |
| **18** Su | 0109 | 0.3 | 9 |
| | 0657 | 4.8 | 146 |
| | 1309 | 0.5 | 15 |
| | 1915 | 5.9 | 180 |
| **19** M ○ | 0152 | 0.2 | 6 |
| | 0737 | 4.8 | 146 |
| | 1348 | 0.6 | 18 |
| | 1950 | 5.8 | 177 |
| **20** Tu | 0234 | 0.2 | 6 |
| | 0815 | 4.7 | 143 |
| | 1427 | 0.7 | 21 |
| | 2021 | 5.7 | 174 |
| **21** W | 0313 | 0.2 | 6 |
| | 0851 | 4.6 | 140 |
| | 1503 | 0.8 | 24 |
| | 2051 | 5.6 | 171 |
| **22** Th | 0351 | 0.3 | 9 |
| | 0926 | 4.5 | 137 |
| | 1538 | 0.9 | 27 |
| | 2119 | 5.5 | 168 |
| **23** F | 0427 | 0.4 | 12 |
| | 1003 | 4.3 | 131 |
| | 1611 | 1.0 | 30 |
| | 2152 | 5.3 | 162 |
| **24** Sa | 0502 | 0.5 | 15 |
| | 1045 | 4.3 | 131 |
| | 1645 | 1.1 | 34 |
| | 2233 | 5.2 | 158 |
| **25** Su | 0538 | 0.6 | 18 |
| | 1133 | 4.3 | 131 |
| | 1723 | 1.3 | 40 |
| | 2324 | 5.1 | 155 |
| **26** M | 0619 | 0.7 | 21 |
| | 1222 | 4.4 | 134 |
| | 1812 | 1.4 | 43 |
| **27** Tu ◑ | 0019 | 5.0 | 152 |
| | 0708 | 0.7 | 21 |
| | 1311 | 4.7 | 143 |
| | 1920 | 1.4 | 43 |
| **28** W | 0115 | 5.0 | 152 |
| | 0808 | 0.7 | 21 |
| | 1402 | 5.0 | 152 |
| | 2046 | 1.2 | 37 |
| **29** Th | 0213 | 5.0 | 152 |
| | 0909 | 0.5 | 15 |
| | 1456 | 5.3 | 162 |
| | 2156 | 0.9 | 27 |
| **30** F | 0315 | 5.0 | 152 |
| | 1004 | 0.3 | 9 |
| | 1553 | 5.7 | 174 |
| | 2257 | 0.5 | 15 |
| **31** Sa | 0421 | 5.0 | 152 |
| | 1058 | 0.1 | 3 |
| | 1653 | 6.1 | 186 |
| | 2355 | 0.1 | 3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0527 | 5.1 | 155 |
| | 1151 | −0.1 | −3 |
| | 1751 | 6.5 | 198 |
| **2** M | 0052 | −0.2 | −6 |
| | 0627 | 5.3 | 162 |
| | 1247 | −0.2 | −6 |
| | 1846 | 6.7 | 204 |
| **3** Tu ● | 0149 | −0.5 | −15 |
| | 0723 | 5.4 | 165 |
| | 1344 | −0.3 | −9 |
| | 1938 | 6.8 | 207 |
| **4** W | 0243 | −0.7 | −21 |
| | 0818 | 5.5 | 168 |
| | 1439 | −0.3 | −9 |
| | 2031 | 6.8 | 207 |
| **5** Th | 0336 | −0.7 | −21 |
| | 0914 | 5.4 | 165 |
| | 1533 | −0.3 | −9 |
| | 2126 | 6.6 | 201 |
| **6** F | 0426 | −0.7 | −21 |
| | 1014 | 5.4 | 165 |
| | 1626 | −0.1 | −3 |
| | 2225 | 6.3 | 192 |
| **7** Sa | 0516 | −0.5 | −15 |
| | 1117 | 5.3 | 162 |
| | 1718 | 0.2 | 6 |
| | 2327 | 5.9 | 180 |
| **8** Su | 0607 | −0.2 | −6 |
| | 1216 | 5.3 | 162 |
| | 1814 | 0.5 | 15 |
| **9** M | 0025 | 5.6 | 171 |
| | 0700 | 0.1 | 3 |
| | 1310 | 5.3 | 162 |
| | 1915 | 0.8 | 24 |
| **10** Tu ◐ | 0118 | 5.3 | 162 |
| | 0755 | 0.3 | 9 |
| | 1401 | 5.4 | 165 |
| | 2022 | 1.0 | 30 |
| **11** W | 0209 | 5.0 | 152 |
| | 0850 | 0.5 | 15 |
| | 1451 | 5.4 | 165 |
| | 2124 | 1.0 | 30 |
| **12** Th | 0300 | 4.7 | 143 |
| | 0941 | 0.6 | 18 |
| | 1540 | 5.4 | 165 |
| | 2219 | 0.9 | 27 |
| **13** F | 0353 | 4.5 | 137 |
| | 1027 | 0.7 | 21 |
| | 1631 | 5.4 | 165 |
| | 2309 | 0.8 | 24 |
| **14** Sa | 0448 | 4.4 | 134 |
| | 1110 | 0.7 | 21 |
| | 1720 | 5.5 | 168 |
| | 2356 | 0.7 | 21 |
| **15** Su | 0541 | 4.4 | 134 |
| | 1152 | 0.8 | 24 |
| | 1806 | 5.6 | 171 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0041 | 0.5 | 15 |
| | 0630 | 4.5 | 137 |
| | 1234 | 0.8 | 24 |
| | 1848 | 5.7 | 174 |
| **17** Tu | 0127 | 0.4 | 12 |
| | 0714 | 4.6 | 140 |
| | 1318 | 0.8 | 24 |
| | 1926 | 5.7 | 174 |
| **18** W ○ | 0211 | 0.3 | 9 |
| | 0754 | 4.6 | 140 |
| | 1401 | 0.8 | 24 |
| | 2000 | 5.7 | 174 |
| **19** Th | 0253 | 0.2 | 6 |
| | 0832 | 4.6 | 140 |
| | 1443 | 0.8 | 24 |
| | 2032 | 5.6 | 171 |
| **20** F | 0332 | 0.2 | 6 |
| | 0908 | 4.5 | 137 |
| | 1522 | 0.9 | 27 |
| | 2102 | 5.6 | 171 |
| **21** Sa | 0408 | 0.2 | 6 |
| | 0944 | 4.5 | 137 |
| | 1559 | 0.9 | 27 |
| | 2135 | 5.5 | 168 |
| **22** Su | 0443 | 0.2 | 6 |
| | 1022 | 4.5 | 137 |
| | 1635 | 0.9 | 27 |
| | 2214 | 5.4 | 165 |
| **23** M | 0516 | 0.3 | 9 |
| | 1105 | 4.6 | 140 |
| | 1713 | 1.0 | 30 |
| | 2301 | 5.3 | 162 |
| **24** Tu | 0551 | 0.3 | 9 |
| | 1151 | 4.8 | 146 |
| | 1758 | 1.1 | 34 |
| | 2353 | 5.2 | 158 |
| **25** W | 0632 | 0.4 | 12 |
| | 1239 | 5.1 | 155 |
| | 1857 | 1.2 | 37 |
| **26** Th ◑ | 0048 | 5.1 | 155 |
| | 0721 | 0.4 | 12 |
| | 1329 | 5.4 | 165 |
| | 2015 | 1.1 | 34 |
| **27** F | 0144 | 5.0 | 152 |
| | 0823 | 0.4 | 12 |
| | 1422 | 5.6 | 171 |
| | 2131 | 0.9 | 27 |
| **28** Sa | 0245 | 4.9 | 149 |
| | 0927 | 0.3 | 9 |
| | 1521 | 5.9 | 180 |
| | 2237 | 0.6 | 18 |
| **29** Su | 0353 | 4.8 | 146 |
| | 1028 | 0.2 | 6 |
| | 1625 | 6.1 | 186 |
| | 2337 | 0.2 | 6 |
| **30** M | 0504 | 4.9 | 149 |
| | 1128 | 0.1 | 3 |
| | 1730 | 6.3 | 192 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bayonne Bridge, Staten Island, New York, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm | h m | ft | cm | h m | ft | cm |
| **1** Tu | 0036 | −0.1 | −3 | **16** W | 0100 | 0.5 | 15 | **1** F ● | 0208 | −0.5 | −15 | **16** Sa ○ | 0155 | 0.1 | 3 |
| | 0611 | 5.1 | 155 | | 0650 | 4.4 | 134 | | 0751 | 5.6 | 171 | | 0742 | 5.0 | 152 |
| | 1228 | −0.1 | −3 | | 1251 | 0.9 | 27 | | 1410 | −0.2 | −6 | | 1359 | 0.5 | 15 |
| | 1831 | 6.6 | 201 | | 1903 | 5.6 | 171 | | 2006 | 6.5 | 198 | | 1950 | 5.8 | 177 |
| **2** W ● | 0133 | −0.4 | −12 | **17** Th | 0145 | 0.4 | 12 | **2** Sa | 0257 | −0.7 | −21 | **17** Su | 0235 | −0.1 | −3 |
| | 0710 | 5.3 | 162 | | 0732 | 4.6 | 140 | | 0841 | 5.7 | 174 | | 0816 | 5.3 | 162 |
| | 1327 | −0.2 | −6 | | 1337 | 0.8 | 24 | | 1502 | −0.2 | −6 | | 1444 | 0.4 | 12 |
| | 1926 | 6.7 | 204 | | 1940 | 5.7 | 174 | | 2054 | 6.3 | 192 | | 2023 | 5.9 | 180 |
| **3** Th | 0228 | −0.6 | −18 | **18** F ○ | 0227 | 0.2 | 6 | **3** Su | 0342 | −0.6 | −18 | **18** M | 0312 | −0.2 | −6 |
| | 0805 | 5.4 | 165 | | 0810 | 4.7 | 143 | | 0931 | 5.8 | 177 | | 0848 | 5.4 | 165 |
| | 1425 | −0.3 | −9 | | 1422 | 0.7 | 21 | | 1550 | −0.1 | −3 | | 1526 | 0.3 | 9 |
| | 2020 | 6.6 | 201 | | 2014 | 5.7 | 174 | | 2142 | 6.0 | 183 | | 2057 | 5.8 | 177 |
| **4** F | 0319 | −0.7 | −21 | **19** Sa | 0307 | 0.1 | 3 | **4** M | 0423 | −0.5 | −15 | **19** Tu | 0348 | −0.2 | −6 |
| | 0900 | 5.5 | 168 | | 0845 | 4.8 | 146 | | 1022 | 5.7 | 174 | | 0923 | 5.6 | 171 |
| | 1519 | −0.3 | −9 | | 1504 | 0.6 | 18 | | 1636 | 0.1 | 3 | | 1607 | 0.3 | 9 |
| | 2112 | 6.5 | 198 | | 2045 | 5.7 | 174 | | 2230 | 5.7 | 174 | | 2136 | 5.6 | 171 |
| **5** Sa | 0407 | −0.7 | −21 | **20** Su | 0343 | 0.0 | 0 | **5** Tu | 0503 | −0.2 | −6 | **20** W | 0423 | −0.2 | −6 |
| | 0956 | 5.5 | 168 | | 0918 | 4.9 | 149 | | 1112 | 5.6 | 171 | | 1003 | 5.7 | 174 |
| | 1610 | −0.1 | −3 | | 1544 | 0.6 | 18 | | 1721 | 0.4 | 12 | | 1649 | 0.4 | 12 |
| | 2207 | 6.2 | 189 | | 2117 | 5.6 | 171 | | 2320 | 5.3 | 162 | | 2221 | 5.4 | 165 |
| **6** Su | 0453 | −0.6 | −18 | **21** M | 0417 | 0.0 | 0 | **6** W | 0540 | 0.2 | 6 | **21** Th | 0458 | 0.0 | 0 |
| | 1053 | 5.5 | 168 | | 0953 | 5.0 | 152 | | 1200 | 5.5 | 168 | | 1050 | 5.7 | 174 |
| | 1659 | 0.1 | 3 | | 1622 | 0.6 | 18 | | 1807 | 0.8 | 24 | | 1735 | 0.5 | 15 |
| | 2302 | 5.8 | 177 | | 2155 | 5.5 | 168 | | | | | | 2314 | 5.2 | 158 |
| **7** M | 0537 | −0.3 | −9 | **22** Tu | 0450 | 0.0 | 0 | **7** Th | 0009 | 4.9 | 149 | **22** F | 0537 | 0.1 | 3 |
| | 1148 | 5.5 | 168 | | 1033 | 5.1 | 155 | | 0618 | 0.6 | 18 | | 1143 | 5.8 | 177 |
| | 1749 | 0.4 | 12 | | 1702 | 0.7 | 21 | | 1246 | 5.3 | 162 | | 1830 | 0.8 | 24 |
| | 2356 | 5.5 | 168 | | 2240 | 5.4 | 165 | | 1858 | 1.1 | 34 | | | | |
| **8** Tu | 0622 | 0.0 | 0 | **23** W | 0524 | 0.1 | 3 | **8** F ◐ | 0057 | 4.6 | 140 | **23** Sa ◑ | 0013 | 4.9 | 149 |
| | 1240 | 5.5 | 168 | | 1119 | 5.3 | 162 | | 0659 | 0.9 | 27 | | 0625 | 0.4 | 12 |
| | 1843 | 0.8 | 24 | | 1746 | 0.8 | 24 | | 1331 | 5.2 | 158 | | 1241 | 5.7 | 174 |
| | | | | | 2331 | 5.2 | 158 | | 1959 | 1.3 | 40 | | 1943 | 0.9 | 27 |
| **9** W ◐ | 0046 | 5.1 | 155 | **24** Th | 0601 | 0.2 | 6 | **9** Sa | 0145 | 4.3 | 131 | **24** Su | 0116 | 4.7 | 143 |
| | 0709 | 0.4 | 12 | | 1209 | 5.5 | 168 | | 0751 | 1.2 | 37 | | 0731 | 0.6 | 18 |
| | 1327 | 5.4 | 165 | | 1841 | 0.9 | 27 | | 1417 | 5.1 | 155 | | 1342 | 5.7 | 174 |
| | 1943 | 1.0 | 30 | | | | | | 2104 | 1.4 | 43 | | 2102 | 0.9 | 27 |
| **10** Th | 0134 | 4.8 | 146 | **25** F ◑ | 0026 | 5.0 | 152 | **10** Su | 0235 | 4.1 | 125 | **25** M | 0222 | 4.6 | 140 |
| | 0800 | 0.7 | 21 | | 0647 | 0.3 | 9 | | 0853 | 1.4 | 43 | | 0852 | 0.7 | 21 |
| | 1413 | 5.3 | 162 | | 1302 | 5.6 | 171 | | 1507 | 5.0 | 152 | | 1448 | 5.7 | 174 |
| | 2046 | 1.2 | 37 | | 1955 | 1.0 | 30 | | 2203 | 1.3 | 40 | | 2210 | 0.7 | 21 |
| **11** F | 0222 | 4.5 | 137 | **26** Sa | 0125 | 4.8 | 146 | **11** M | 0332 | 4.0 | 122 | **26** Tu | 0333 | 4.7 | 143 |
| | 0852 | 0.9 | 27 | | 0749 | 0.4 | 12 | | 0953 | 1.3 | 40 | | 1005 | 0.6 | 18 |
| | 1500 | 5.3 | 162 | | 1357 | 5.7 | 174 | | 1603 | 5.0 | 152 | | 1559 | 5.8 | 177 |
| | 2144 | 1.1 | 34 | | 2114 | 0.9 | 27 | | 2255 | 1.1 | 34 | | 2310 | 0.4 | 12 |
| **12** Sa | 0313 | 4.3 | 131 | **27** Su | 0227 | 4.7 | 143 | **12** Tu | 0434 | 4.1 | 125 | **27** W | 0445 | 4.8 | 146 |
| | 0943 | 1.0 | 30 | | 0902 | 0.5 | 15 | | 1046 | 1.2 | 37 | | 1108 | 0.4 | 12 |
| | 1549 | 5.2 | 158 | | 1459 | 5.8 | 177 | | 1701 | 5.2 | 158 | | 1710 | 5.9 | 180 |
| | 2237 | 1.0 | 30 | | 2222 | 0.6 | 18 | | 2343 | 0.9 | 27 | | | | |
| **13** Su | 0409 | 4.2 | 128 | **28** M | 0337 | 4.7 | 143 | **13** W | 0533 | 4.3 | 131 | **28** Th | 0004 | 0.0 | 0 |
| | 1031 | 1.0 | 30 | | 1012 | 0.4 | 12 | | 1136 | 1.1 | 34 | | 0549 | 5.2 | 158 |
| | 1642 | 5.3 | 162 | | 1607 | 5.9 | 180 | | 1753 | 5.4 | 165 | | 1206 | 0.2 | 6 |
| | 2326 | 0.9 | 27 | | 2323 | 0.3 | 9 | | | | | | 1810 | 6.1 | 186 |
| **14** M | 0508 | 4.2 | 128 | **29** Tu | 0451 | 4.8 | 146 | **14** Th | 0029 | 0.6 | 18 | **29** F | 0056 | −0.2 | −6 |
| | 1117 | 1.0 | 30 | | 1115 | 0.2 | 6 | | 0623 | 4.5 | 137 | | 0645 | 5.5 | 168 |
| | 1734 | 5.4 | 165 | | 1718 | 6.1 | 186 | | 1225 | 0.9 | 27 | | 1301 | 0.0 | 0 |
| | | | | | | | | | 1837 | 5.6 | 171 | | 1901 | 6.2 | 189 |
| **15** Tu | 0013 | 0.7 | 21 | **30** W | 0021 | 0.0 | 0 | **15** F | 0113 | 0.4 | 12 | **30** Sa ● | 0144 | −0.4 | −12 |
| | 0603 | 4.3 | 131 | | 0600 | 5.0 | 152 | | 0705 | 4.8 | 146 | | 0733 | 5.8 | 177 |
| | 1204 | 0.9 | 27 | | 1216 | 0.0 | 0 | | 1313 | 0.7 | 21 | | 1353 | −0.1 | −3 |
| | 1822 | 5.5 | 168 | | 1821 | 6.3 | 192 | | 1916 | 5.7 | 174 | | 1947 | 6.2 | 189 |
| | | | | **31** Th | 0116 | −0.3 | −9 | | | | | **31** Su | 0229 | −0.5 | −15 |
| | | | | | 0658 | 5.3 | 162 | | | | | | 0818 | 6.0 | 183 |
| | | | | | 1314 | −0.1 | −3 | | | | | | 1442 | −0.2 | −6 |
| | | | | | 1916 | 6.5 | 198 | | | | | | 2030 | 6.1 | 186 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| **1** M | 0311 | −0.4 | −12 | **16** Tu | 0238 | −0.3 | −9 |
| | 0902 | 6.0 | 183 | | 0818 | 6.0 | 183 |
| | 1528 | −0.1 | −3 | | 1506 | 0.0 | 0 |
| | 2113 | 5.8 | 177 | | 2036 | 5.8 | 177 |
| **2** Tu | 0350 | −0.2 | −6 | **17** W | 0318 | −0.3 | −9 |
| | 0945 | 5.9 | 180 | | 0855 | 6.2 | 189 |
| | 1610 | 0.1 | 3 | | 1551 | 0.0 | 0 |
| | 2156 | 5.5 | 168 | | 2117 | 5.6 | 171 |
| **3** W | 0425 | 0.1 | 3 | **18** Th | 0357 | −0.2 | −6 |
| | 1028 | 5.7 | 174 | | 0937 | 6.2 | 189 |
| | 1651 | 0.4 | 12 | | 1637 | 0.1 | 3 |
| | 2241 | 5.1 | 155 | | 2206 | 5.4 | 165 |
| **4** Th | 0458 | 0.5 | 15 | **19** F | 0437 | −0.1 | −3 |
| | 1113 | 5.5 | 168 | | 1026 | 6.1 | 186 |
| | 1731 | 0.8 | 24 | | 1725 | 0.3 | 9 |
| | 2328 | 4.7 | 143 | | 2303 | 5.1 | 155 |
| **5** F | 0528 | 0.8 | 24 | **20** Sa | 0521 | 0.2 | 6 |
| | 1159 | 5.2 | 158 | | 1125 | 5.9 | 180 |
| | 1814 | 1.1 | 34 | | 1823 | 0.6 | 18 |
| **6** Sa | 0018 | 4.4 | 134 | **21** Su | 0009 | 4.9 | 149 |
| | 0559 | 1.2 | 37 | | 0614 | 0.5 | 15 |
| | 1245 | 5.1 | 155 | | 1230 | 5.8 | 177 |
| | 1907 | 1.4 | 43 | | 1934 | 0.8 | 24 |
| **7** Su ◐ | 0108 | 4.2 | 128 | **22** M ◑ | 0116 | 4.7 | 143 |
| | 0640 | 1.4 | 43 | | 0725 | 0.8 | 24 |
| | 1332 | 4.9 | 149 | | 1336 | 5.6 | 171 |
| | 2017 | 1.5 | 46 | | 2050 | 0.8 | 24 |
| **8** M | 0200 | 4.1 | 125 | **23** Tu | 0222 | 4.7 | 143 |
| | 0750 | 1.6 | 49 | | 0847 | 0.9 | 27 |
| | 1423 | 4.9 | 149 | | 1443 | 5.6 | 171 |
| | 2124 | 1.5 | 46 | | 2156 | 0.6 | 18 |
| **9** Tu | 0257 | 4.0 | 122 | **24** W | 0329 | 4.8 | 146 |
| | 0913 | 1.6 | 49 | | 0958 | 0.7 | 21 |
| | 1520 | 4.9 | 149 | | 1552 | 5.6 | 171 |
| | 2220 | 1.2 | 37 | | 2252 | 0.3 | 9 |
| **10** W | 0358 | 4.1 | 125 | **25** Th | 0435 | 5.1 | 155 |
| | 1016 | 1.4 | 43 | | 1059 | 0.5 | 15 |
| | 1621 | 5.0 | 152 | | 1657 | 5.7 | 174 |
| | 2308 | 0.9 | 27 | | 2343 | 0.0 | 0 |
| **11** Th | 0458 | 4.4 | 134 | **26** F | 0535 | 5.4 | 165 |
| | 1109 | 1.1 | 34 | | 1154 | 0.2 | 6 |
| | 1716 | 5.2 | 158 | | 1754 | 5.8 | 177 |
| | 2353 | 0.6 | 18 | | | | |
| **12** F | 0549 | 4.7 | 143 | **27** Sa | 0031 | −0.2 | −6 |
| | 1158 | 0.8 | 24 | | 0626 | 5.8 | 177 |
| | 1804 | 5.5 | 168 | | 1245 | 0.1 | 3 |
| | | | | | 1842 | 5.9 | 180 |
| **13** Sa | 0036 | 0.3 | 9 | **28** Su | 0116 | −0.2 | −6 |
| | 0631 | 5.1 | 155 | | 0711 | 6.0 | 183 |
| | 1247 | 0.5 | 15 | | 1334 | 0.0 | 0 |
| | 1844 | 5.7 | 174 | | 1925 | 5.9 | 180 |
| **14** Su | 0118 | 0.1 | 3 | **29** M ● | 0158 | −0.2 | −6 |
| | 0708 | 5.5 | 168 | | 0752 | 6.1 | 186 |
| | 1334 | 0.3 | 9 | | 1421 | −0.1 | −3 |
| | 1922 | 5.9 | 180 | | 2006 | 5.7 | 174 |
| **15** M ○ | 0158 | −0.1 | −3 | **30** Tu | 0238 | −0.1 | −3 |
| | 0743 | 5.8 | 177 | | 0831 | 6.1 | 186 |
| | 1421 | 0.1 | 3 | | 1504 | 0.0 | 0 |
| | 1958 | 5.9 | 180 | | 2044 | 5.5 | 168 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bayonne Bridge, Staten Island, New York, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0315 | 0.1 | 3 |
| | 0908 | 5.9 | 180 |
| | 1544 | 0.2 | 6 |
| | 2123 | 5.2 | 158 |
| **2** Th | 0349 | 0.4 | 12 |
| | 0944 | 5.7 | 174 |
| | 1622 | 0.4 | 12 |
| | 2203 | 4.8 | 146 |
| **3** F | 0419 | 0.7 | 21 |
| | 1022 | 5.4 | 165 |
| | 1659 | 0.7 | 21 |
| | 2248 | 4.5 | 137 |
| **4** Sa | 0447 | 1.0 | 30 |
| | 1103 | 5.2 | 158 |
| | 1737 | 1.0 | 30 |
| | 2338 | 4.3 | 131 |
| **5** Su | 0516 | 1.2 | 37 |
| | 1150 | 5.0 | 152 |
| | 1822 | 1.3 | 40 |
| **6** M | 0032 | 4.1 | 125 |
| | 0553 | 1.5 | 46 |
| | 1242 | 4.8 | 146 |
| | 1924 | 1.4 | 43 |
| **7** Tu ◐ | 0126 | 4.0 | 122 |
| | 0649 | 1.7 | 52 |
| | 1336 | 4.8 | 146 |
| | 2036 | 1.4 | 43 |
| **8** W | 0220 | 4.1 | 125 |
| | 0824 | 1.7 | 52 |
| | 1431 | 4.8 | 146 |
| | 2137 | 1.2 | 37 |
| **9** Th | 0316 | 4.2 | 128 |
| | 0941 | 1.5 | 46 |
| | 1530 | 4.9 | 149 |
| | 2227 | 0.9 | 27 |
| **10** F | 0413 | 4.5 | 137 |
| | 1038 | 1.1 | 34 |
| | 1628 | 5.1 | 155 |
| | 2312 | 0.6 | 18 |
| **11** Sa | 0505 | 4.9 | 149 |
| | 1130 | 0.8 | 24 |
| | 1722 | 5.3 | 162 |
| | 2355 | 0.2 | 6 |
| **12** Su | 0551 | 5.4 | 165 |
| | 1219 | 0.4 | 12 |
| | 1809 | 5.5 | 168 |
| **13** M | 0037 | 0.0 | 0 |
| | 0632 | 5.8 | 177 |
| | 1309 | 0.1 | 3 |
| | 1852 | 5.7 | 174 |
| **14** Tu ○ | 0121 | −0.2 | −6 |
| | 0711 | 6.2 | 189 |
| | 1359 | −0.2 | −6 |
| | 1934 | 5.8 | 177 |
| **15** W | 0205 | −0.4 | −12 |
| | 0750 | 6.5 | 198 |
| | 1448 | −0.3 | −9 |
| | 2016 | 5.7 | 174 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0250 | −0.4 | −12 |
| | 0832 | 6.6 | 201 |
| | 1536 | −0.3 | −9 |
| | 2102 | 5.5 | 168 |
| **17** F | 0335 | −0.3 | −9 |
| | 0918 | 6.5 | 198 |
| | 1625 | −0.2 | −6 |
| | 2155 | 5.3 | 162 |
| **18** Sa | 0421 | −0.1 | −3 |
| | 1011 | 6.3 | 192 |
| | 1716 | 0.0 | 0 |
| | 2258 | 5.0 | 152 |
| **19** Su | 0511 | 0.1 | 3 |
| | 1114 | 6.0 | 183 |
| | 1814 | 0.2 | 6 |
| **20** M | 0007 | 4.9 | 149 |
| | 0608 | 0.5 | 15 |
| | 1224 | 5.7 | 174 |
| | 1920 | 0.5 | 15 |
| **21** Tu ◑ | 0113 | 4.8 | 146 |
| | 0719 | 0.7 | 21 |
| | 1330 | 5.5 | 168 |
| | 2031 | 0.5 | 15 |
| **22** W | 0216 | 4.9 | 149 |
| | 0837 | 0.8 | 24 |
| | 1433 | 5.4 | 165 |
| | 2134 | 0.4 | 12 |
| **23** Th | 0318 | 5.0 | 152 |
| | 0946 | 0.7 | 21 |
| | 1535 | 5.3 | 162 |
| | 2228 | 0.2 | 6 |
| **24** F | 0418 | 5.2 | 158 |
| | 1045 | 0.5 | 15 |
| | 1635 | 5.3 | 162 |
| | 2317 | 0.0 | 0 |
| **25** Sa | 0513 | 5.5 | 168 |
| | 1137 | 0.3 | 9 |
| | 1730 | 5.3 | 162 |
| **26** Su | 0002 | −0.1 | −3 |
| | 0603 | 5.8 | 177 |
| | 1226 | 0.1 | 3 |
| | 1819 | 5.3 | 162 |
| **27** M | 0044 | −0.1 | −3 |
| | 0646 | 6.0 | 183 |
| | 1313 | 0.0 | 0 |
| | 1902 | 5.3 | 162 |
| **28** Tu ● | 0126 | 0.0 | 0 |
| | 0725 | 6.0 | 183 |
| | 1358 | 0.0 | 0 |
| | 1942 | 5.2 | 158 |
| **29** W | 0205 | 0.1 | 3 |
| | 0802 | 6.0 | 183 |
| | 1440 | 0.0 | 0 |
| | 2020 | 5.1 | 155 |
| **30** Th | 0242 | 0.3 | 9 |
| | 0836 | 5.8 | 177 |
| | 1520 | 0.1 | 3 |
| | 2057 | 4.8 | 146 |
| **31** F | 0317 | 0.5 | 15 |
| | 0909 | 5.6 | 171 |
| | 1558 | 0.3 | 9 |
| | 2134 | 4.6 | 140 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0348 | 0.7 | 21 |
| | 0941 | 5.4 | 165 |
| | 1634 | 0.5 | 15 |
| | 2214 | 4.3 | 131 |
| **2** Su | 0419 | 0.9 | 27 |
| | 1015 | 5.1 | 155 |
| | 1710 | 0.7 | 21 |
| | 2300 | 4.1 | 125 |
| **3** M | 0449 | 1.1 | 34 |
| | 1057 | 4.9 | 149 |
| | 1749 | 0.9 | 27 |
| | 2353 | 4.0 | 122 |
| **4** Tu | 0525 | 1.3 | 40 |
| | 1149 | 4.8 | 146 |
| | 1837 | 1.1 | 34 |
| **5** W ◐ | 0046 | 4.0 | 122 |
| | 0613 | 1.5 | 46 |
| | 1244 | 4.7 | 143 |
| | 1938 | 1.1 | 34 |
| **6** Th | 0137 | 4.1 | 125 |
| | 0728 | 1.5 | 46 |
| | 1339 | 4.7 | 143 |
| | 2042 | 1.0 | 30 |
| **7** F | 0227 | 4.3 | 131 |
| | 0858 | 1.4 | 43 |
| | 1435 | 4.7 | 143 |
| | 2138 | 0.7 | 21 |
| **8** Sa | 0319 | 4.6 | 140 |
| | 1004 | 1.1 | 34 |
| | 1534 | 4.8 | 146 |
| | 2226 | 0.4 | 12 |
| **9** Su | 0414 | 5.0 | 152 |
| | 1100 | 0.6 | 18 |
| | 1635 | 4.9 | 149 |
| | 2313 | 0.1 | 3 |
| **10** M | 0506 | 5.5 | 168 |
| | 1153 | 0.2 | 6 |
| | 1732 | 5.1 | 155 |
| | 2359 | −0.2 | −6 |
| **11** Tu | 0556 | 6.0 | 183 |
| | 1245 | −0.1 | −3 |
| | 1824 | 5.3 | 162 |
| **12** W | 0047 | −0.4 | −12 |
| | 0643 | 6.4 | 195 |
| | 1338 | −0.4 | −12 |
| | 1912 | 5.4 | 165 |
| **13** Th ○ | 0137 | −0.5 | −15 |
| | 0728 | 6.6 | 201 |
| | 1431 | −0.6 | −18 |
| | 2001 | 5.4 | 165 |
| **14** F | 0228 | −0.6 | −18 |
| | 0815 | 6.6 | 201 |
| | 1523 | −0.7 | −21 |
| | 2051 | 5.3 | 162 |
| **15** Sa | 0319 | −0.5 | −15 |
| | 0905 | 6.5 | 198 |
| | 1613 | −0.6 | −18 |
| | 2148 | 5.2 | 158 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0409 | −0.4 | −12 |
| | 1002 | 6.2 | 189 |
| | 1705 | −0.5 | −15 |
| | 2252 | 5.0 | 152 |
| **17** M | 0502 | −0.1 | −3 |
| | 1106 | 5.9 | 180 |
| | 1759 | −0.2 | −6 |
| | 2359 | 4.9 | 149 |
| **18** Tu | 0559 | 0.2 | 6 |
| | 1213 | 5.6 | 171 |
| | 1859 | 0.0 | 0 |
| **19** W ◑ | 0101 | 4.9 | 149 |
| | 0705 | 0.5 | 15 |
| | 1315 | 5.3 | 162 |
| | 2002 | 0.1 | 3 |
| **20** Th | 0159 | 5.0 | 152 |
| | 0818 | 0.6 | 18 |
| | 1412 | 5.1 | 155 |
| | 2103 | 0.1 | 3 |
| **21** F | 0256 | 5.1 | 155 |
| | 0926 | 0.6 | 18 |
| | 1509 | 4.9 | 149 |
| | 2158 | 0.1 | 3 |
| **22** Sa | 0351 | 5.2 | 158 |
| | 1025 | 0.5 | 15 |
| | 1606 | 4.8 | 146 |
| | 2246 | 0.1 | 3 |
| **23** Su | 0445 | 5.3 | 162 |
| | 1117 | 0.3 | 9 |
| | 1702 | 4.7 | 143 |
| | 2330 | 0.1 | 3 |
| **24** M | 0535 | 5.5 | 168 |
| | 1205 | 0.2 | 6 |
| | 1753 | 4.7 | 143 |
| **25** Tu | 0013 | 0.1 | 3 |
| | 0620 | 5.6 | 171 |
| | 1251 | 0.1 | 3 |
| | 1839 | 4.7 | 143 |
| **26** W | 0054 | 0.2 | 6 |
| | 0701 | 5.7 | 174 |
| | 1336 | 0.0 | 0 |
| | 1921 | 4.7 | 143 |
| **27** Th ● | 0135 | 0.2 | 6 |
| | 0738 | 5.7 | 174 |
| | 1419 | 0.0 | 0 |
| | 2000 | 4.6 | 140 |
| **28** F | 0214 | 0.3 | 9 |
| | 0812 | 5.6 | 171 |
| | 1459 | 0.0 | 0 |
| | 2037 | 4.5 | 137 |
| **29** Sa | 0252 | 0.4 | 12 |
| | 0845 | 5.4 | 165 |
| | 1537 | 0.1 | 3 |
| | 2113 | 4.4 | 134 |
| **30** Su | 0327 | 0.5 | 15 |
| | 0915 | 5.3 | 162 |
| | 1614 | 0.2 | 6 |
| | 2150 | 4.2 | 128 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0400 | 0.7 | 21 |
| | 0946 | 5.1 | 155 |
| | 1648 | 0.3 | 9 |
| | 2229 | 4.1 | 125 |
| **2** Tu | 0432 | 0.8 | 24 |
| | 1022 | 4.9 | 149 |
| | 1722 | 0.4 | 12 |
| | 2313 | 4.0 | 122 |
| **3** W | 0507 | 0.9 | 27 |
| | 1107 | 4.8 | 146 |
| | 1759 | 0.5 | 15 |
| **4** Th | 0000 | 4.1 | 125 |
| | 0548 | 1.0 | 30 |
| | 1158 | 4.7 | 143 |
| | 1842 | 0.6 | 18 |
| **5** F ◐ | 0048 | 4.2 | 128 |
| | 0645 | 1.1 | 34 |
| | 1252 | 4.6 | 140 |
| | 1936 | 0.6 | 18 |
| **6** Sa | 0136 | 4.5 | 137 |
| | 0808 | 1.1 | 34 |
| | 1347 | 4.5 | 137 |
| | 2039 | 0.5 | 15 |
| **7** Su | 0228 | 4.8 | 146 |
| | 0927 | 0.9 | 27 |
| | 1447 | 4.5 | 137 |
| | 2138 | 0.3 | 9 |
| **8** M | 0324 | 5.1 | 155 |
| | 1031 | 0.5 | 15 |
| | 1551 | 4.5 | 137 |
| | 2233 | 0.0 | 0 |
| **9** Tu | 0424 | 5.5 | 168 |
| | 1129 | 0.1 | 3 |
| | 1658 | 4.7 | 143 |
| | 2326 | −0.2 | −6 |
| **10** W | 0525 | 5.8 | 177 |
| | 1226 | −0.3 | −9 |
| | 1800 | 4.8 | 146 |
| **11** Th | 0020 | −0.5 | −15 |
| | 0621 | 6.2 | 189 |
| | 1321 | −0.6 | −18 |
| | 1856 | 5.0 | 152 |
| **12** F ○ | 0116 | −0.6 | −18 |
| | 0713 | 6.4 | 195 |
| | 1416 | −0.9 | −27 |
| | 1949 | 5.2 | 158 |
| **13** Sa | 0212 | −0.8 | −24 |
| | 0804 | 6.5 | 198 |
| | 1509 | −1.0 | −30 |
| | 2042 | 5.2 | 158 |
| **14** Su | 0306 | −0.8 | −24 |
| | 0857 | 6.4 | 195 |
| | 1559 | −1.0 | −30 |
| | 2138 | 5.2 | 158 |
| **15** M | 0358 | −0.7 | −21 |
| | 0953 | 6.1 | 186 |
| | 1648 | −0.9 | −27 |
| | 2239 | 5.1 | 155 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0450 | −0.5 | −15 |
| | 1053 | 5.8 | 177 |
| | 1737 | −0.7 | −21 |
| | 2340 | 5.0 | 152 |
| **17** W | 0543 | −0.2 | −6 |
| | 1153 | 5.4 | 165 |
| | 1829 | −0.4 | −12 |
| **18** Th | 0038 | 5.0 | 152 |
| | 0642 | 0.2 | 6 |
| | 1250 | 5.1 | 155 |
| | 1925 | −0.2 | −6 |
| **19** F ◑ | 0133 | 5.0 | 152 |
| | 0749 | 0.5 | 15 |
| | 1343 | 4.8 | 146 |
| | 2023 | 0.1 | 3 |
| **20** Sa | 0225 | 5.0 | 152 |
| | 0857 | 0.6 | 18 |
| | 1437 | 4.5 | 137 |
| | 2120 | 0.2 | 6 |
| **21** Su | 0317 | 5.0 | 152 |
| | 0958 | 0.5 | 15 |
| | 1532 | 4.2 | 128 |
| | 2211 | 0.3 | 9 |
| **22** M | 0411 | 5.0 | 152 |
| | 1052 | 0.4 | 12 |
| | 1630 | 4.1 | 125 |
| | 2258 | 0.3 | 9 |
| **23** Tu | 0504 | 5.0 | 152 |
| | 1141 | 0.3 | 9 |
| | 1726 | 4.1 | 125 |
| | 2342 | 0.3 | 9 |
| **24** W | 0554 | 5.1 | 155 |
| | 1228 | 0.2 | 6 |
| | 1817 | 4.2 | 128 |
| **25** Th | 0026 | 0.3 | 9 |
| | 0638 | 5.2 | 158 |
| | 1313 | 0.0 | 0 |
| | 1902 | 4.3 | 131 |
| **26** F | 0109 | 0.3 | 9 |
| | 0719 | 5.3 | 162 |
| | 1357 | −0.1 | −3 |
| | 1943 | 4.3 | 131 |
| **27** Sa | 0151 | 0.2 | 6 |
| | 0755 | 5.3 | 162 |
| | 1438 | −0.2 | −6 |
| | 2020 | 4.3 | 131 |
| **28** Su | 0232 | 0.2 | 6 |
| | 0828 | 5.3 | 162 |
| | 1516 | −0.2 | −6 |
| | 2056 | 4.3 | 131 |
| **29** M | 0310 | 0.2 | 6 |
| | 0859 | 5.2 | 158 |
| | 1552 | −0.2 | −6 |
| | 2129 | 4.2 | 128 |
| **30** Tu | 0345 | 0.3 | 9 |
| | 0927 | 5.1 | 155 |
| | 1625 | −0.2 | −6 |
| | 2201 | 4.2 | 128 |
| **31** W | 0418 | 0.4 | 12 |
| | 0959 | 5.0 | 152 |
| | 1655 | −0.1 | −3 |
| | 2235 | 4.2 | 128 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Albany, New York, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0534 | −0.1 | −3 |
| | 1134 | 4.7 | 143 |
| | 1812 | 0.4 | 12 |
| | 2343 | 3.8 | 116 |
| **2** W | 0626 | 0.0 | 0 |
| | 1227 | 4.8 | 146 |
| | 1907 | 0.3 | 9 |
| **3** Th | 0040 | 3.7 | 113 |
| | 0717 | 0.0 | 0 |
| | 1319 | 5.0 | 152 |
| | 2001 | 0.1 | 3 |
| **4** F | 0135 | 3.6 | 110 |
| | 0807 | 0.0 | 0 |
| | 1410 | 5.1 | 155 |
| | 2052 | 0.0 | 0 |
| **5** Sa | 0227 | 3.6 | 110 |
| | 0856 | 0.0 | 0 |
| | 1457 | 5.3 | 162 |
| | 2141 | −0.1 | −3 |
| **6** Su | 0316 | 3.7 | 113 |
| | 0943 | 0.0 | 0 |
| | 1542 | 5.4 | 165 |
| | 2227 | −0.2 | −6 |
| **7** M | 0400 | 3.7 | 113 |
| | 1028 | 0.0 | 0 |
| | 1624 | 5.4 | 165 |
| | 2312 | −0.2 | −6 |
| **8** Tu ● | 0442 | 3.8 | 116 |
| | 1112 | 0.1 | 3 |
| | 1704 | 5.4 | 165 |
| | 2354 | −0.3 | −9 |
| **9** W | 0521 | 3.9 | 119 |
| | 1154 | 0.1 | 3 |
| | 1741 | 5.4 | 165 |
| **10** Th | 0035 | −0.3 | −9 |
| | 0600 | 4.1 | 125 |
| | 1236 | 0.2 | 6 |
| | 1818 | 5.4 | 165 |
| **11** F | 0116 | −0.3 | −9 |
| | 0639 | 4.3 | 131 |
| | 1320 | 0.2 | 6 |
| | 1855 | 5.3 | 162 |
| **12** Sa | 0157 | −0.3 | −9 |
| | 0721 | 4.5 | 137 |
| | 1408 | 0.3 | 9 |
| | 1934 | 5.1 | 155 |
| **13** Su | 0239 | −0.2 | −6 |
| | 0807 | 4.7 | 143 |
| | 1500 | 0.4 | 12 |
| | 2019 | 4.9 | 149 |
| **14** M | 0324 | −0.2 | −6 |
| | 0858 | 4.8 | 146 |
| | 1557 | 0.4 | 12 |
| | 2110 | 4.6 | 140 |
| **15** Tu ◐ | 0414 | −0.2 | −6 |
| | 0955 | 5.0 | 152 |
| | 1659 | 0.4 | 12 |
| | 2209 | 4.3 | 131 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0509 | −0.1 | −3 |
| | 1057 | 5.1 | 155 |
| | 1801 | 0.4 | 12 |
| | 2317 | 4.0 | 122 |
| **17** Th | 0607 | −0.1 | −3 |
| | 1201 | 5.2 | 158 |
| | 1903 | 0.2 | 6 |
| **18** F | 0027 | 3.9 | 119 |
| | 0706 | −0.1 | −3 |
| | 1304 | 5.3 | 162 |
| | 2002 | 0.0 | 0 |
| **19** Sa | 0134 | 3.8 | 116 |
| | 0805 | −0.1 | −3 |
| | 1405 | 5.5 | 168 |
| | 2100 | −0.2 | −6 |
| **20** Su | 0237 | 3.9 | 119 |
| | 0901 | −0.2 | −6 |
| | 1503 | 5.6 | 171 |
| | 2154 | −0.4 | −12 |
| **21** M | 0336 | 4.0 | 122 |
| | 0956 | −0.2 | −6 |
| | 1557 | 5.6 | 171 |
| | 2245 | −0.5 | −15 |
| **22** Tu ○ | 0430 | 4.2 | 128 |
| | 1048 | −0.2 | −6 |
| | 1646 | 5.6 | 171 |
| | 2333 | −0.6 | −18 |
| **23** W | 0520 | 4.3 | 131 |
| | 1139 | −0.2 | −6 |
| | 1733 | 5.5 | 168 |
| **24** Th | 0020 | −0.6 | −18 |
| | 0608 | 4.4 | 134 |
| | 1228 | −0.1 | −3 |
| | 1818 | 5.3 | 162 |
| **25** F | 0105 | −0.5 | −15 |
| | 0653 | 4.5 | 137 |
| | 1317 | 0.0 | 0 |
| | 1900 | 5.1 | 155 |
| **26** Sa | 0149 | −0.4 | −12 |
| | 0738 | 4.6 | 140 |
| | 1407 | 0.2 | 6 |
| | 1943 | 4.8 | 146 |
| **27** Su | 0233 | −0.3 | −9 |
| | 0824 | 4.7 | 143 |
| | 1457 | 0.3 | 9 |
| | 2027 | 4.5 | 137 |
| **28** M | 0319 | −0.1 | −3 |
| | 0911 | 4.8 | 146 |
| | 1549 | 0.4 | 12 |
| | 2113 | 4.2 | 128 |
| **29** Tu | 0406 | 0.0 | 0 |
| | 1000 | 4.9 | 149 |
| | 1643 | 0.5 | 15 |
| | 2204 | 4.0 | 122 |
| **30** W ◑ | 0456 | 0.2 | 6 |
| | 1052 | 4.9 | 149 |
| | 1738 | 0.5 | 15 |
| | 2300 | 3.8 | 116 |
| **31** Th | 0548 | 0.3 | 9 |
| | 1146 | 5.0 | 152 |
| | 1834 | 0.5 | 15 |
| | 2358 | 3.7 | 113 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0641 | 0.3 | 9 |
| | 1241 | 5.1 | 155 |
| | 1928 | 0.4 | 12 |
| **2** Sa | 0056 | 3.6 | 110 |
| | 0734 | 0.3 | 9 |
| | 1334 | 5.2 | 158 |
| | 2021 | 0.2 | 6 |
| **3** Su | 0152 | 3.7 | 113 |
| | 0825 | 0.3 | 9 |
| | 1425 | 5.3 | 162 |
| | 2111 | 0.1 | 3 |
| **4** M | 0243 | 3.8 | 116 |
| | 0914 | 0.2 | 6 |
| | 1512 | 5.4 | 165 |
| | 2158 | 0.0 | 0 |
| **5** Tu | 0331 | 3.9 | 119 |
| | 1001 | 0.2 | 6 |
| | 1556 | 5.5 | 168 |
| | 2242 | −0.1 | −3 |
| **6** W ● | 0415 | 4.1 | 125 |
| | 1046 | 0.2 | 6 |
| | 1637 | 5.5 | 168 |
| | 2325 | −0.2 | −6 |
| **7** Th | 0456 | 4.3 | 131 |
| | 1131 | 0.2 | 6 |
| | 1715 | 5.5 | 168 |
| **8** F | 0005 | −0.2 | −6 |
| | 0536 | 4.6 | 140 |
| | 1215 | 0.2 | 6 |
| | 1753 | 5.4 | 165 |
| **9** Sa | 0045 | −0.2 | −6 |
| | 0617 | 4.8 | 146 |
| | 1300 | 0.2 | 6 |
| | 1831 | 5.3 | 162 |
| **10** Su | 0126 | −0.2 | −6 |
| | 0659 | 5.1 | 155 |
| | 1348 | 0.3 | 9 |
| | 1912 | 5.1 | 155 |
| **11** M | 0208 | −0.2 | −6 |
| | 0744 | 5.2 | 158 |
| | 1441 | 0.4 | 12 |
| | 1958 | 4.9 | 149 |
| **12** Tu | 0254 | −0.1 | −3 |
| | 0835 | 5.4 | 165 |
| | 1537 | 0.4 | 12 |
| | 2050 | 4.6 | 140 |
| **13** W ◐ | 0346 | 0.0 | 0 |
| | 0931 | 5.4 | 165 |
| | 1637 | 0.5 | 15 |
| | 2151 | 4.3 | 131 |
| **14** Th | 0443 | 0.1 | 3 |
| | 1034 | 5.4 | 165 |
| | 1740 | 0.5 | 15 |
| | 2300 | 4.1 | 125 |
| **15** F | 0544 | 0.2 | 6 |
| | 1139 | 5.4 | 165 |
| | 1842 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0011 | 4.0 | 122 |
| | 0646 | 0.2 | 6 |
| | 1245 | 5.4 | 165 |
| | 1942 | 0.2 | 6 |
| **17** Su | 0119 | 4.0 | 122 |
| | 0747 | 0.2 | 6 |
| | 1348 | 5.5 | 168 |
| | 2039 | 0.0 | 0 |
| **18** M | 0222 | 4.1 | 125 |
| | 0844 | 0.1 | 3 |
| | 1446 | 5.5 | 168 |
| | 2132 | −0.1 | −3 |
| **19** Tu | 0320 | 4.3 | 131 |
| | 0939 | 0.0 | 0 |
| | 1539 | 5.5 | 168 |
| | 2222 | −0.3 | −9 |
| **20** W ○ | 0413 | 4.5 | 137 |
| | 1031 | 0.0 | 0 |
| | 1628 | 5.5 | 168 |
| | 2309 | −0.3 | −9 |
| **21** Th | 0501 | 4.7 | 143 |
| | 1121 | 0.0 | 0 |
| | 1713 | 5.4 | 165 |
| | 2353 | −0.3 | −9 |
| **22** F | 0545 | 4.9 | 149 |
| | 1209 | 0.1 | 3 |
| | 1755 | 5.2 | 158 |
| **23** Sa | 0036 | −0.2 | −6 |
| | 0628 | 5.0 | 152 |
| | 1256 | 0.2 | 6 |
| | 1835 | 5.0 | 152 |
| **24** Su | 0118 | −0.1 | −3 |
| | 0709 | 5.1 | 155 |
| | 1342 | 0.3 | 9 |
| | 1915 | 4.7 | 143 |
| **25** M | 0200 | 0.1 | 3 |
| | 0750 | 5.2 | 158 |
| | 1430 | 0.5 | 15 |
| | 1955 | 4.5 | 137 |
| **26** Tu | 0244 | 0.2 | 6 |
| | 0833 | 5.2 | 158 |
| | 1519 | 0.6 | 18 |
| | 2037 | 4.3 | 131 |
| **27** W | 0330 | 0.4 | 12 |
| | 0919 | 5.2 | 158 |
| | 1611 | 0.7 | 21 |
| | 2125 | 4.1 | 125 |
| **28** Th ◑ | 0419 | 0.5 | 15 |
| | 1010 | 5.2 | 158 |
| | 1704 | 0.7 | 21 |
| | 2218 | 4.0 | 122 |
| **29** F | 0511 | 0.6 | 18 |
| | 1104 | 5.2 | 158 |
| | 1759 | 0.7 | 21 |
| | 2316 | 3.9 | 119 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0606 | 0.7 | 21 |
| | 1200 | 5.2 | 158 |
| | 1854 | 0.7 | 21 |
| **2** Su | 0016 | 3.9 | 119 |
| | 0700 | 0.6 | 18 |
| | 1256 | 5.3 | 162 |
| | 1947 | 0.5 | 15 |
| **3** M | 0114 | 4.0 | 122 |
| | 0753 | 0.6 | 18 |
| | 1349 | 5.4 | 165 |
| | 2037 | 0.4 | 12 |
| **4** Tu | 0209 | 4.1 | 125 |
| | 0845 | 0.5 | 15 |
| | 1438 | 5.5 | 168 |
| | 2125 | 0.2 | 6 |
| **5** W | 0259 | 4.4 | 134 |
| | 0934 | 0.4 | 12 |
| | 1524 | 5.5 | 168 |
| | 2209 | 0.1 | 3 |
| **6** Th | 0345 | 4.7 | 143 |
| | 1021 | 0.3 | 9 |
| | 1607 | 5.5 | 168 |
| | 2252 | 0.0 | 0 |
| **7** F ● | 0429 | 5.0 | 152 |
| | 1108 | 0.3 | 9 |
| | 1648 | 5.5 | 168 |
| | 2333 | 0.0 | 0 |
| **8** Sa | 0511 | 5.2 | 158 |
| | 1154 | 0.3 | 9 |
| | 1729 | 5.4 | 165 |
| **9** Su | 0014 | −0.1 | −3 |
| | 0553 | 5.5 | 168 |
| | 1241 | 0.3 | 9 |
| | 1811 | 5.3 | 162 |
| **10** M | 0056 | 0.0 | 0 |
| | 0637 | 5.7 | 174 |
| | 1331 | 0.3 | 9 |
| | 1855 | 5.1 | 155 |
| **11** Tu | 0141 | 0.0 | 0 |
| | 0723 | 5.8 | 177 |
| | 1423 | 0.4 | 12 |
| | 1943 | 4.9 | 149 |
| **12** W | 0229 | 0.2 | 6 |
| | 0815 | 5.8 | 177 |
| | 1519 | 0.5 | 15 |
| | 2038 | 4.7 | 143 |
| **13** Th | 0324 | 0.3 | 9 |
| | 0911 | 5.7 | 174 |
| | 1618 | 0.5 | 15 |
| | 2139 | 4.4 | 134 |
| **14** F ◐ | 0423 | 0.5 | 15 |
| | 1014 | 5.6 | 171 |
| | 1719 | 0.6 | 18 |
| | 2247 | 4.3 | 131 |
| **15** Sa | 0525 | 0.5 | 15 |
| | 1120 | 5.5 | 168 |
| | 1819 | 0.5 | 15 |
| | 2356 | 4.3 | 131 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0628 | 0.6 | 18 |
| | 1225 | 5.5 | 168 |
| | 1918 | 0.4 | 12 |
| **17** M | 0103 | 4.4 | 134 |
| | 0728 | 0.5 | 15 |
| | 1328 | 5.5 | 168 |
| | 2014 | 0.3 | 9 |
| **18** Tu | 0205 | 4.5 | 137 |
| | 0826 | 0.4 | 12 |
| | 1426 | 5.4 | 165 |
| | 2107 | 0.1 | 3 |
| **19** W | 0301 | 4.8 | 146 |
| | 0921 | 0.3 | 9 |
| | 1518 | 5.4 | 165 |
| | 2155 | 0.0 | 0 |
| **20** Th | 0351 | 5.0 | 152 |
| | 1012 | 0.3 | 9 |
| | 1606 | 5.3 | 162 |
| | 2241 | 0.0 | 0 |
| **21** F ○ | 0437 | 5.2 | 158 |
| | 1101 | 0.2 | 6 |
| | 1650 | 5.2 | 158 |
| | 2324 | 0.1 | 3 |
| **22** Sa | 0519 | 5.4 | 165 |
| | 1148 | 0.3 | 9 |
| | 1731 | 5.0 | 152 |
| **23** Su | 0006 | 0.2 | 6 |
| | 0559 | 5.5 | 168 |
| | 1233 | 0.4 | 12 |
| | 1810 | 4.8 | 146 |
| **24** M | 0047 | 0.3 | 9 |
| | 0638 | 5.5 | 168 |
| | 1318 | 0.5 | 15 |
| | 1848 | 4.7 | 143 |
| **25** Tu | 0128 | 0.5 | 15 |
| | 0717 | 5.6 | 171 |
| | 1403 | 0.6 | 18 |
| | 1926 | 4.6 | 140 |
| **26** W | 0211 | 0.6 | 18 |
| | 0758 | 5.6 | 171 |
| | 1450 | 0.7 | 21 |
| | 2006 | 4.4 | 134 |
| **27** Th | 0255 | 0.7 | 21 |
| | 0842 | 5.5 | 168 |
| | 1539 | 0.8 | 24 |
| | 2050 | 4.3 | 131 |
| **28** F | 0344 | 0.9 | 27 |
| | 0930 | 5.5 | 168 |
| | 1631 | 0.9 | 27 |
| | 2140 | 4.2 | 128 |
| **29** Sa ◑ | 0436 | 0.9 | 27 |
| | 1022 | 5.4 | 165 |
| | 1724 | 0.9 | 27 |
| | 2237 | 4.2 | 128 |
| **30** Su | 0531 | 1.0 | 30 |
| | 1118 | 5.4 | 165 |
| | 1818 | 0.8 | 24 |
| | 2337 | 4.2 | 128 |
| **31** M | 0627 | 0.9 | 27 |
| | 1214 | 5.4 | 165 |
| | 1910 | 0.7 | 21 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean low water during lowest river stages which is the chart datum of soundings.

# Albany, New York, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Tu | 0037 | 4.4 | 134 |
| | 0722 | 0.9 | 27 |
| | 1308 | 5.4 | 165 |
| | 2000 | 0.6 | 18 |
| 2 W | 0133 | 4.6 | 140 |
| | 0815 | 0.7 | 21 |
| | 1400 | 5.4 | 165 |
| | 2048 | 0.4 | 12 |
| 3 Th | 0225 | 4.9 | 149 |
| | 0907 | 0.6 | 18 |
| | 1449 | 5.4 | 165 |
| | 2134 | 0.3 | 9 |
| 4 F | 0314 | 5.2 | 158 |
| | 0957 | 0.5 | 15 |
| | 1536 | 5.4 | 165 |
| | 2218 | 0.2 | 6 |
| 5 Sa ● | 0400 | 5.5 | 168 |
| | 1046 | 0.3 | 9 |
| | 1622 | 5.4 | 165 |
| | 2301 | 0.1 | 3 |
| 6 Su | 0445 | 5.8 | 177 |
| | 1134 | 0.3 | 9 |
| | 1707 | 5.3 | 162 |
| | 2345 | 0.1 | 3 |
| 7 M | 0530 | 6.0 | 183 |
| | 1223 | 0.2 | 6 |
| | 1753 | 5.2 | 158 |
| 8 Tu | 0030 | 0.2 | 6 |
| | 0616 | 6.1 | 186 |
| | 1313 | 0.2 | 6 |
| | 1841 | 5.0 | 152 |
| 9 W | 0118 | 0.2 | 6 |
| | 0705 | 6.2 | 189 |
| | 1406 | 0.3 | 9 |
| | 1932 | 4.9 | 149 |
| 10 Th | 0209 | 0.4 | 12 |
| | 0757 | 6.1 | 186 |
| | 1501 | 0.4 | 12 |
| | 2028 | 4.7 | 143 |
| 11 F | 0305 | 0.5 | 15 |
| | 0854 | 5.9 | 180 |
| | 1558 | 0.5 | 15 |
| | 2129 | 4.6 | 140 |
| 12 Sa ◐ | 0405 | 0.6 | 18 |
| | 0955 | 5.7 | 174 |
| | 1656 | 0.5 | 15 |
| | 2234 | 4.5 | 137 |
| 13 Su | 0507 | 0.7 | 21 |
| | 1058 | 5.5 | 168 |
| | 1755 | 0.5 | 15 |
| | 2340 | 4.5 | 137 |
| 14 M | 0608 | 0.7 | 21 |
| | 1202 | 5.4 | 165 |
| | 1851 | 0.4 | 12 |
| 15 Tu | 0043 | 4.7 | 143 |
| | 0709 | 0.7 | 21 |
| | 1303 | 5.2 | 158 |
| | 1946 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 W | 0143 | 4.9 | 149 |
| | 0806 | 0.6 | 18 |
| | 1400 | 5.2 | 158 |
| | 2037 | 0.2 | 6 |
| 17 Th | 0237 | 5.2 | 158 |
| | 0900 | 0.5 | 15 |
| | 1453 | 5.1 | 155 |
| | 2125 | 0.2 | 6 |
| 18 F | 0325 | 5.4 | 165 |
| | 0951 | 0.4 | 12 |
| | 1541 | 4.9 | 149 |
| | 2210 | 0.2 | 6 |
| 19 Sa | 0410 | 5.5 | 168 |
| | 1040 | 0.3 | 9 |
| | 1625 | 4.8 | 146 |
| | 2254 | 0.3 | 9 |
| 20 Su ○ | 0451 | 5.7 | 174 |
| | 1126 | 0.3 | 9 |
| | 1706 | 4.7 | 143 |
| | 2336 | 0.4 | 12 |
| 21 M | 0531 | 5.7 | 174 |
| | 1210 | 0.3 | 9 |
| | 1745 | 4.6 | 140 |
| 22 Tu | 0017 | 0.5 | 15 |
| | 0609 | 5.7 | 174 |
| | 1254 | 0.4 | 12 |
| | 1823 | 4.5 | 137 |
| 23 W | 0059 | 0.7 | 21 |
| | 0647 | 5.7 | 174 |
| | 1338 | 0.5 | 15 |
| | 1900 | 4.4 | 134 |
| 24 Th | 0140 | 0.8 | 24 |
| | 0726 | 5.7 | 174 |
| | 1423 | 0.6 | 18 |
| | 1938 | 4.4 | 134 |
| 25 F | 0224 | 0.9 | 27 |
| | 0807 | 5.6 | 171 |
| | 1510 | 0.7 | 21 |
| | 2021 | 4.4 | 134 |
| 26 Sa | 0311 | 1.0 | 30 |
| | 0852 | 5.6 | 171 |
| | 1558 | 0.7 | 21 |
| | 2109 | 4.3 | 131 |
| 27 Su | 0402 | 1.0 | 30 |
| | 0941 | 5.5 | 168 |
| | 1649 | 0.7 | 21 |
| | 2203 | 4.4 | 134 |
| 28 M ◑ | 0457 | 1.0 | 30 |
| | 1034 | 5.4 | 165 |
| | 1740 | 0.7 | 21 |
| | 2301 | 4.5 | 137 |
| 29 Tu | 0554 | 1.0 | 30 |
| | 1130 | 5.3 | 162 |
| | 1831 | 0.6 | 18 |
| 30 W | 0000 | 4.7 | 143 |
| | 0651 | 0.9 | 27 |
| | 1226 | 5.2 | 158 |
| | 1921 | 0.5 | 15 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Th | 0057 | 4.9 | 149 |
| | 0747 | 0.8 | 24 |
| | 1321 | 5.1 | 155 |
| | 2010 | 0.4 | 12 |
| 2 F | 0151 | 5.2 | 158 |
| | 0841 | 0.6 | 18 |
| | 1414 | 5.0 | 152 |
| | 2057 | 0.2 | 6 |
| 3 Sa | 0243 | 5.6 | 171 |
| | 0934 | 0.4 | 12 |
| | 1506 | 5.0 | 152 |
| | 2144 | 0.2 | 6 |
| 4 Su | 0332 | 5.9 | 180 |
| | 1025 | 0.2 | 6 |
| | 1557 | 5.0 | 152 |
| | 2231 | 0.1 | 3 |
| 5 M ● | 0421 | 6.1 | 186 |
| | 1115 | 0.1 | 3 |
| | 1647 | 4.9 | 149 |
| | 2319 | 0.1 | 3 |
| 6 Tu | 0509 | 6.2 | 189 |
| | 1205 | 0.0 | 0 |
| | 1737 | 4.8 | 146 |
| 7 W | 0007 | 0.1 | 3 |
| | 0558 | 6.2 | 189 |
| | 1256 | 0.0 | 0 |
| | 1828 | 4.8 | 146 |
| 8 Th | 0058 | 0.2 | 6 |
| | 0648 | 6.2 | 189 |
| | 1348 | 0.0 | 0 |
| | 1921 | 4.7 | 143 |
| 9 F | 0152 | 0.3 | 9 |
| | 0740 | 6.0 | 183 |
| | 1441 | 0.1 | 3 |
| | 2017 | 4.6 | 140 |
| 10 Sa | 0248 | 0.5 | 15 |
| | 0835 | 5.8 | 177 |
| | 1536 | 0.1 | 3 |
| | 2116 | 4.6 | 140 |
| 11 Su ◐ | 0346 | 0.6 | 18 |
| | 0933 | 5.5 | 168 |
| | 1631 | 0.2 | 6 |
| | 2217 | 4.6 | 140 |
| 12 M | 0446 | 0.6 | 18 |
| | 1033 | 5.2 | 158 |
| | 1726 | 0.2 | 6 |
| | 2319 | 4.7 | 143 |
| 13 Tu | 0547 | 0.7 | 21 |
| | 1133 | 5.0 | 152 |
| | 1821 | 0.2 | 6 |
| 14 W | 0018 | 4.8 | 146 |
| | 0646 | 0.6 | 18 |
| | 1233 | 4.8 | 146 |
| | 1913 | 0.2 | 6 |
| 15 Th | 0115 | 5.0 | 152 |
| | 0743 | 0.5 | 15 |
| | 1330 | 4.6 | 140 |
| | 2004 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 F | 0207 | 5.3 | 162 |
| | 0837 | 0.4 | 12 |
| | 1423 | 4.5 | 137 |
| | 2052 | 0.2 | 6 |
| 17 Sa | 0256 | 5.4 | 165 |
| | 0928 | 0.2 | 6 |
| | 1512 | 4.4 | 134 |
| | 2139 | 0.2 | 6 |
| 18 Su | 0341 | 5.6 | 171 |
| | 1016 | 0.2 | 6 |
| | 1558 | 4.3 | 131 |
| | 2223 | 0.3 | 9 |
| 19 M ○ | 0423 | 5.6 | 171 |
| | 1102 | 0.1 | 3 |
| | 1641 | 4.2 | 128 |
| | 2307 | 0.4 | 12 |
| 20 Tu | 0503 | 5.7 | 174 |
| | 1147 | 0.1 | 3 |
| | 1721 | 4.2 | 128 |
| | 2349 | 0.5 | 15 |
| 21 W | 0542 | 5.7 | 174 |
| | 1230 | 0.2 | 6 |
| | 1759 | 4.1 | 125 |
| 22 Th | 0031 | 0.6 | 18 |
| | 0620 | 5.6 | 171 |
| | 1313 | 0.2 | 6 |
| | 1836 | 4.1 | 125 |
| 23 F | 0113 | 0.6 | 18 |
| | 0658 | 5.6 | 171 |
| | 1357 | 0.3 | 9 |
| | 1914 | 4.2 | 128 |
| 24 Sa | 0156 | 0.7 | 21 |
| | 0737 | 5.5 | 168 |
| | 1441 | 0.3 | 9 |
| | 1955 | 4.2 | 128 |
| 25 Su | 0241 | 0.8 | 24 |
| | 0818 | 5.4 | 165 |
| | 1526 | 0.4 | 12 |
| | 2041 | 4.3 | 131 |
| 26 M | 0331 | 0.8 | 24 |
| | 0902 | 5.3 | 162 |
| | 1613 | 0.4 | 12 |
| | 2132 | 4.4 | 134 |
| 27 Tu ◑ | 0426 | 0.9 | 27 |
| | 0951 | 5.1 | 155 |
| | 1701 | 0.3 | 9 |
| | 2227 | 4.6 | 140 |
| 28 W | 0523 | 0.8 | 24 |
| | 1046 | 4.9 | 149 |
| | 1751 | 0.3 | 9 |
| | 2325 | 4.8 | 146 |
| 29 Th | 0622 | 0.7 | 21 |
| | 1144 | 4.7 | 143 |
| | 1842 | 0.2 | 6 |
| 30 F | 0023 | 5.1 | 155 |
| | 0720 | 0.6 | 18 |
| | 1243 | 4.6 | 140 |
| | 1933 | 0.1 | 3 |
| 31 Sa | 0120 | 5.3 | 162 |
| | 0816 | 0.4 | 12 |
| | 1342 | 4.5 | 137 |
| | 2024 | 0.0 | 0 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Su | 0215 | 5.6 | 171 |
| | 0911 | 0.1 | 3 |
| | 1440 | 4.4 | 134 |
| | 2115 | 0.0 | 0 |
| 2 M | 0308 | 5.8 | 177 |
| | 1004 | −0.1 | −3 |
| | 1536 | 4.4 | 134 |
| | 2206 | −0.1 | −3 |
| 3 Tu ● | 0400 | 5.9 | 180 |
| | 1056 | −0.2 | −6 |
| | 1630 | 4.4 | 134 |
| | 2257 | −0.1 | −3 |
| 4 W | 0451 | 6.0 | 183 |
| | 1148 | −0.3 | −9 |
| | 1723 | 4.4 | 134 |
| | 2348 | −0.1 | −3 |
| 5 Th | 0542 | 6.0 | 183 |
| | 1238 | −0.4 | −12 |
| | 1815 | 4.4 | 134 |
| 6 F | 0040 | 0.0 | 0 |
| | 0632 | 5.9 | 180 |
| | 1329 | −0.4 | −12 |
| | 1908 | 4.4 | 134 |
| 7 Sa | 0134 | 0.1 | 3 |
| | 0723 | 5.6 | 171 |
| | 1420 | −0.3 | −9 |
| | 2002 | 4.4 | 134 |
| 8 Su | 0229 | 0.2 | 6 |
| | 0815 | 5.4 | 165 |
| | 1511 | −0.3 | −9 |
| | 2058 | 4.5 | 137 |
| 9 M | 0326 | 0.3 | 9 |
| | 0908 | 5.1 | 155 |
| | 1603 | −0.2 | −6 |
| | 2154 | 4.5 | 137 |
| 10 Tu ◐ | 0423 | 0.4 | 12 |
| | 1004 | 4.7 | 143 |
| | 1655 | −0.1 | −3 |
| | 2251 | 4.6 | 140 |
| 11 W | 0522 | 0.4 | 12 |
| | 1101 | 4.4 | 134 |
| | 1747 | −0.1 | −3 |
| | 2347 | 4.8 | 146 |
| 12 Th | 0619 | 0.4 | 12 |
| | 1158 | 4.2 | 128 |
| | 1839 | 0.0 | 0 |
| 13 F | 0042 | 4.9 | 149 |
| | 0716 | 0.3 | 9 |
| | 1255 | 4.0 | 122 |
| | 1929 | 0.0 | 0 |
| 14 Sa | 0134 | 5.1 | 155 |
| | 0810 | 0.1 | 3 |
| | 1350 | 3.9 | 119 |
| | 2019 | 0.0 | 0 |
| 15 Su | 0223 | 5.2 | 158 |
| | 0901 | 0.0 | 0 |
| | 1442 | 3.8 | 116 |
| | 2107 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 M | 0310 | 5.3 | 162 |
| | 0950 | −0.1 | −3 |
| | 1529 | 3.8 | 116 |
| | 2154 | 0.1 | 3 |
| 17 Tu | 0354 | 5.4 | 165 |
| | 1037 | −0.1 | −3 |
| | 1614 | 3.8 | 116 |
| | 2239 | 0.1 | 3 |
| 18 W ○ | 0436 | 5.4 | 165 |
| | 1122 | −0.2 | −6 |
| | 1655 | 3.8 | 116 |
| | 2322 | 0.2 | 6 |
| 19 Th | 0516 | 5.4 | 165 |
| | 1205 | −0.2 | −6 |
| | 1734 | 3.8 | 116 |
| 20 F | 0005 | 0.2 | 6 |
| | 0554 | 5.4 | 165 |
| | 1247 | −0.1 | −3 |
| | 1812 | 3.9 | 119 |
| 21 Sa | 0047 | 0.3 | 9 |
| | 0631 | 5.3 | 162 |
| | 1329 | −0.1 | −3 |
| | 1850 | 4.0 | 122 |
| 22 Su | 0129 | 0.4 | 12 |
| | 0707 | 5.2 | 158 |
| | 1411 | −0.1 | −3 |
| | 1930 | 4.1 | 125 |
| 23 M | 0214 | 0.5 | 15 |
| | 0745 | 5.1 | 155 |
| | 1453 | −0.1 | −3 |
| | 2014 | 4.3 | 131 |
| 24 Tu | 0304 | 0.5 | 15 |
| | 0827 | 4.9 | 149 |
| | 1537 | −0.1 | −3 |
| | 2102 | 4.5 | 137 |
| 25 W | 0358 | 0.5 | 15 |
| | 0914 | 4.7 | 143 |
| | 1623 | −0.1 | −3 |
| | 2155 | 4.6 | 140 |
| 26 Th ◑ | 0455 | 0.5 | 15 |
| | 1007 | 4.5 | 137 |
| | 1713 | −0.1 | −3 |
| | 2253 | 4.8 | 146 |
| 27 F | 0555 | 0.4 | 12 |
| | 1107 | 4.2 | 128 |
| | 1805 | −0.1 | −3 |
| | 2352 | 5.0 | 152 |
| 28 Sa | 0655 | 0.3 | 9 |
| | 1211 | 4.0 | 122 |
| | 1900 | −0.2 | −6 |
| 29 Su | 0052 | 5.2 | 158 |
| | 0753 | 0.1 | 3 |
| | 1316 | 3.9 | 119 |
| | 1956 | −0.2 | −6 |
| 30 M | 0151 | 5.4 | 165 |
| | 0850 | −0.1 | −3 |
| | 1419 | 3.9 | 119 |
| | 2051 | −0.3 | −9 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean low water during lowest river stages which is the chart datum of soundings.

# Albany, New York, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0248 | 5.5 | 168 |
| | 0945 | −0.4 | −12 |
| | 1518 | 3.9 | 119 |
| | 2145 | −0.3 | −9 |
| **2** W ● | 0343 | 5.6 | 171 |
| | 1038 | −0.5 | −15 |
| | 1614 | 4.0 | 122 |
| | 2238 | −0.4 | −12 |
| **3** Th | 0435 | 5.7 | 174 |
| | 1129 | −0.7 | −21 |
| | 1708 | 4.1 | 125 |
| | 2331 | −0.4 | −12 |
| **4** F | 0526 | 5.6 | 171 |
| | 1218 | −0.7 | −21 |
| | 1801 | 4.2 | 128 |
| **5** Sa | 0023 | −0.3 | −9 |
| | 0615 | 5.4 | 165 |
| | 1307 | −0.7 | −21 |
| | 1852 | 4.3 | 131 |
| **6** Su | 0115 | −0.2 | −6 |
| | 0703 | 5.2 | 158 |
| | 1355 | −0.7 | −21 |
| | 1942 | 4.3 | 131 |
| **7** M | 0208 | −0.1 | −3 |
| | 0751 | 4.9 | 149 |
| | 1443 | −0.6 | −18 |
| | 2033 | 4.4 | 134 |
| **8** Tu | 0302 | 0.0 | 0 |
| | 0840 | 4.6 | 140 |
| | 1531 | −0.5 | −15 |
| | 2125 | 4.5 | 137 |
| **9** W ◐ | 0358 | 0.1 | 3 |
| | 0931 | 4.2 | 128 |
| | 1621 | −0.4 | −12 |
| | 2218 | 4.6 | 140 |
| **10** Th | 0454 | 0.2 | 6 |
| | 1025 | 3.9 | 119 |
| | 1712 | −0.2 | −6 |
| | 2311 | 4.7 | 143 |
| **11** F | 0550 | 0.2 | 6 |
| | 1121 | 3.7 | 113 |
| | 1803 | −0.2 | −6 |
| **12** Sa | 0005 | 4.8 | 146 |
| | 0646 | 0.1 | 3 |
| | 1219 | 3.5 | 107 |
| | 1855 | −0.1 | −3 |
| **13** Su | 0058 | 4.9 | 149 |
| | 0740 | 0.0 | 0 |
| | 1315 | 3.4 | 104 |
| | 1946 | −0.1 | −3 |
| **14** M | 0150 | 5.0 | 152 |
| | 0832 | −0.1 | −3 |
| | 1409 | 3.4 | 104 |
| | 2036 | −0.1 | −3 |
| **15** Tu | 0239 | 5.1 | 155 |
| | 0922 | −0.2 | −6 |
| | 1459 | 3.5 | 107 |
| | 2125 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0326 | 5.1 | 155 |
| | 1009 | −0.3 | −9 |
| | 1545 | 3.5 | 107 |
| | 2211 | −0.1 | −3 |
| **17** Th | 0409 | 5.2 | 158 |
| | 1054 | −0.4 | −12 |
| | 1628 | 3.6 | 110 |
| | 2256 | −0.1 | −3 |
| **18** F ○ | 0449 | 5.2 | 158 |
| | 1137 | −0.4 | −12 |
| | 1709 | 3.7 | 113 |
| | 2339 | 0.0 | 0 |
| **19** Sa | 0527 | 5.1 | 155 |
| | 1219 | −0.4 | −12 |
| | 1747 | 3.8 | 116 |
| **20** Su | 0022 | 0.0 | 0 |
| | 0604 | 5.1 | 155 |
| | 1259 | −0.4 | −12 |
| | 1825 | 4.0 | 122 |
| **21** M | 0105 | 0.1 | 3 |
| | 0639 | 5.0 | 152 |
| | 1338 | −0.4 | −12 |
| | 1904 | 4.2 | 128 |
| **22** Tu | 0150 | 0.2 | 6 |
| | 0716 | 4.8 | 146 |
| | 1419 | −0.4 | −12 |
| | 1947 | 4.4 | 134 |
| **23** W | 0239 | 0.2 | 6 |
| | 0756 | 4.6 | 140 |
| | 1501 | −0.4 | −12 |
| | 2033 | 4.6 | 140 |
| **24** Th | 0333 | 0.2 | 6 |
| | 0843 | 4.4 | 134 |
| | 1547 | −0.3 | −9 |
| | 2126 | 4.8 | 146 |
| **25** F ◑ | 0431 | 0.3 | 9 |
| | 0937 | 4.1 | 125 |
| | 1639 | −0.3 | −9 |
| | 2224 | 4.9 | 149 |
| **26** Sa | 0531 | 0.2 | 6 |
| | 1040 | 3.9 | 119 |
| | 1735 | −0.3 | −9 |
| | 2326 | 5.0 | 152 |
| **27** Su | 0632 | 0.1 | 3 |
| | 1148 | 3.7 | 113 |
| | 1835 | −0.3 | −9 |
| **28** M | 0030 | 5.1 | 155 |
| | 0732 | −0.1 | −3 |
| | 1257 | 3.6 | 110 |
| | 1934 | −0.3 | −9 |
| **29** Tu | 0132 | 5.2 | 158 |
| | 0830 | −0.3 | −9 |
| | 1402 | 3.7 | 113 |
| | 2032 | −0.4 | −12 |
| **30** W | 0231 | 5.3 | 162 |
| | 0925 | −0.5 | −15 |
| | 1503 | 3.8 | 116 |
| | 2128 | −0.5 | −15 |
| **31** Th | 0327 | 5.3 | 162 |
| | 1017 | −0.7 | −21 |
| | 1600 | 3.9 | 119 |
| | 2222 | −0.5 | −15 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0419 | 5.3 | 162 |
| | 1107 | −0.8 | −24 |
| | 1653 | 4.1 | 125 |
| | 2314 | −0.5 | −15 |
| **2** Sa | 0508 | 5.2 | 158 |
| | 1155 | −0.9 | −27 |
| | 1743 | 4.3 | 131 |
| **3** Su | 0005 | −0.4 | −12 |
| | 0555 | 5.1 | 155 |
| | 1241 | −0.8 | −24 |
| | 1831 | 4.4 | 134 |
| **4** M | 0056 | −0.3 | −9 |
| | 0640 | 4.8 | 146 |
| | 1327 | −0.7 | −21 |
| | 1917 | 4.5 | 137 |
| **5** Tu | 0146 | −0.2 | −6 |
| | 0725 | 4.5 | 137 |
| | 1412 | −0.6 | −18 |
| | 2004 | 4.6 | 140 |
| **6** W | 0237 | −0.1 | −3 |
| | 0810 | 4.2 | 128 |
| | 1458 | −0.5 | −15 |
| | 2051 | 4.6 | 140 |
| **7** Th | 0330 | 0.0 | 0 |
| | 0857 | 3.9 | 119 |
| | 1546 | −0.3 | −9 |
| | 2141 | 4.6 | 140 |
| **8** F ◐ | 0423 | 0.1 | 3 |
| | 0948 | 3.7 | 113 |
| | 1636 | −0.2 | −6 |
| | 2233 | 4.7 | 143 |
| **9** Sa | 0518 | 0.1 | 3 |
| | 1043 | 3.5 | 107 |
| | 1728 | −0.1 | −3 |
| | 2327 | 4.7 | 143 |
| **10** Su | 0613 | 0.1 | 3 |
| | 1141 | 3.4 | 104 |
| | 1821 | 0.0 | 0 |
| **11** M | 0021 | 4.7 | 143 |
| | 0708 | 0.0 | 0 |
| | 1239 | 3.3 | 101 |
| | 1914 | 0.0 | 0 |
| **12** Tu | 0115 | 4.8 | 146 |
| | 0801 | −0.1 | −3 |
| | 1334 | 3.4 | 104 |
| | 2006 | −0.1 | −3 |
| **13** W | 0207 | 4.9 | 149 |
| | 0851 | −0.2 | −6 |
| | 1427 | 3.5 | 107 |
| | 2056 | −0.1 | −3 |
| **14** Th | 0255 | 5.0 | 152 |
| | 0939 | −0.4 | −12 |
| | 1515 | 3.6 | 110 |
| | 2144 | −0.2 | −6 |
| **15** F | 0339 | 5.1 | 155 |
| | 1023 | −0.5 | −15 |
| | 1559 | 3.8 | 116 |
| | 2229 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0420 | 5.1 | 155 |
| | 1106 | −0.5 | −15 |
| | 1641 | 4.0 | 122 |
| | 2314 | −0.2 | −6 |
| **17** Su | 0459 | 5.0 | 152 |
| | 1147 | −0.5 | −15 |
| | 1720 | 4.2 | 128 |
| | 2358 | −0.1 | −3 |
| **18** M | 0536 | 4.9 | 149 |
| | 1226 | −0.5 | −15 |
| | 1758 | 4.4 | 134 |
| **19** Tu | 0042 | −0.1 | −3 |
| | 0612 | 4.8 | 146 |
| | 1305 | −0.5 | −15 |
| | 1838 | 4.6 | 140 |
| **20** W | 0128 | 0.0 | 0 |
| | 0650 | 4.6 | 140 |
| | 1345 | −0.5 | −15 |
| | 1920 | 4.8 | 146 |
| **21** Th | 0217 | 0.0 | 0 |
| | 0732 | 4.5 | 137 |
| | 1428 | −0.4 | −12 |
| | 2007 | 5.0 | 152 |
| **22** F | 0311 | 0.1 | 3 |
| | 0820 | 4.2 | 128 |
| | 1517 | −0.3 | −9 |
| | 2100 | 5.0 | 152 |
| **23** Sa ◑ | 0409 | 0.1 | 3 |
| | 0917 | 4.0 | 122 |
| | 1612 | −0.2 | −6 |
| | 2159 | 5.0 | 152 |
| **24** Su | 0509 | 0.1 | 3 |
| | 1022 | 3.8 | 116 |
| | 1713 | −0.2 | −6 |
| | 2304 | 5.0 | 152 |
| **25** M | 0611 | 0.0 | 0 |
| | 1133 | 3.6 | 110 |
| | 1815 | −0.1 | −3 |
| **26** Tu | 0010 | 5.0 | 152 |
| | 0711 | −0.1 | −3 |
| | 1243 | 3.7 | 113 |
| | 1916 | −0.2 | −6 |
| **27** W | 0114 | 5.1 | 155 |
| | 0809 | −0.3 | −9 |
| | 1349 | 3.8 | 116 |
| | 2015 | −0.3 | −9 |
| **28** Th | 0215 | 5.1 | 155 |
| | 0903 | −0.5 | −15 |
| | 1449 | 4.0 | 122 |
| | 2112 | −0.4 | −12 |
| **29** F | 0310 | 5.1 | 155 |
| | 0955 | −0.6 | −18 |
| | 1544 | 4.2 | 128 |
| | 2206 | −0.4 | −12 |
| **30** Sa ● | 0402 | 5.1 | 155 |
| | 1043 | −0.7 | −21 |
| | 1635 | 4.4 | 134 |
| | 2257 | −0.5 | −15 |
| **31** Su | 0449 | 4.9 | 149 |
| | 1129 | −0.7 | −21 |
| | 1722 | 4.6 | 140 |
| | 2347 | −0.4 | −12 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0534 | 4.8 | 146 |
| | 1213 | −0.7 | −21 |
| | 1806 | 4.7 | 143 |
| **2** Tu | 0035 | −0.3 | −9 |
| | 0617 | 4.5 | 137 |
| | 1257 | −0.5 | −15 |
| | 1849 | 4.8 | 146 |
| **3** W | 0123 | −0.2 | −6 |
| | 0658 | 4.3 | 131 |
| | 1340 | −0.4 | −12 |
| | 1932 | 4.8 | 146 |
| **4** Th | 0212 | −0.1 | −3 |
| | 0740 | 4.1 | 125 |
| | 1425 | −0.2 | −6 |
| | 2016 | 4.8 | 146 |
| **5** F | 0301 | 0.0 | 0 |
| | 0824 | 3.8 | 116 |
| | 1511 | 0.0 | 0 |
| | 2102 | 4.8 | 146 |
| **6** Sa | 0352 | 0.1 | 3 |
| | 0912 | 3.7 | 113 |
| | 1601 | 0.1 | 3 |
| | 2153 | 4.8 | 146 |
| **7** Su ◐ | 0445 | 0.2 | 6 |
| | 1005 | 3.5 | 107 |
| | 1653 | 0.2 | 6 |
| | 2246 | 4.8 | 146 |
| **8** M | 0540 | 0.2 | 6 |
| | 1102 | 3.5 | 107 |
| | 1747 | 0.2 | 6 |
| | 2342 | 4.8 | 146 |
| **9** Tu | 0634 | 0.2 | 6 |
| | 1201 | 3.5 | 107 |
| | 1842 | 0.2 | 6 |
| **10** W | 0038 | 4.8 | 146 |
| | 0727 | 0.0 | 0 |
| | 1259 | 3.6 | 110 |
| | 1935 | 0.1 | 3 |
| **11** Th | 0130 | 4.9 | 149 |
| | 0817 | −0.1 | −3 |
| | 1353 | 3.7 | 113 |
| | 2027 | 0.0 | 0 |
| **12** F | 0220 | 5.0 | 152 |
| | 0904 | −0.2 | −6 |
| | 1442 | 4.0 | 122 |
| | 2116 | 0.0 | 0 |
| **13** Sa | 0306 | 5.0 | 152 |
| | 0949 | −0.3 | −9 |
| | 1528 | 4.2 | 128 |
| | 2203 | −0.1 | −3 |
| **14** Su | 0349 | 5.0 | 152 |
| | 1032 | −0.4 | −12 |
| | 1611 | 4.5 | 137 |
| | 2250 | −0.1 | −3 |
| **15** M ○ | 0430 | 4.9 | 149 |
| | 1113 | −0.4 | −12 |
| | 1651 | 4.7 | 143 |
| | 2335 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0509 | 4.8 | 146 |
| | 1153 | −0.4 | −12 |
| | 1731 | 5.0 | 152 |
| **17** W | 0021 | −0.2 | −6 |
| | 0548 | 4.7 | 143 |
| | 1233 | −0.4 | −12 |
| | 1812 | 5.2 | 158 |
| **18** Th | 0108 | −0.1 | −3 |
| | 0629 | 4.6 | 140 |
| | 1315 | −0.3 | −9 |
| | 1856 | 5.3 | 162 |
| **19** F | 0158 | −0.1 | −3 |
| | 0715 | 4.4 | 134 |
| | 1401 | −0.2 | −6 |
| | 1944 | 5.3 | 162 |
| **20** Sa | 0251 | 0.0 | 0 |
| | 0806 | 4.2 | 128 |
| | 1453 | −0.1 | −3 |
| | 2039 | 5.3 | 162 |
| **21** Su | 0348 | 0.1 | 3 |
| | 0905 | 4.0 | 122 |
| | 1552 | 0.0 | 0 |
| | 2139 | 5.2 | 158 |
| **22** M ◑ | 0448 | 0.1 | 3 |
| | 1012 | 3.9 | 119 |
| | 1654 | 0.1 | 3 |
| | 2245 | 5.1 | 155 |
| **23** Tu | 0549 | 0.0 | 0 |
| | 1121 | 3.8 | 116 |
| | 1758 | 0.1 | 3 |
| | 2351 | 5.0 | 152 |
| **24** W | 0648 | −0.1 | −3 |
| | 1230 | 3.9 | 119 |
| | 1859 | 0.0 | 0 |
| **25** Th | 0055 | 5.0 | 152 |
| | 0745 | −0.2 | −6 |
| | 1333 | 4.1 | 125 |
| | 1959 | −0.1 | −3 |
| **26** F | 0155 | 4.9 | 149 |
| | 0839 | −0.4 | −12 |
| | 1432 | 4.4 | 134 |
| | 2055 | −0.2 | −6 |
| **27** Sa | 0251 | 4.9 | 149 |
| | 0929 | −0.5 | −15 |
| | 1525 | 4.6 | 140 |
| | 2148 | −0.3 | −9 |
| **28** Su | 0341 | 4.8 | 146 |
| | 1016 | −0.5 | −15 |
| | 1613 | 4.9 | 149 |
| | 2239 | −0.3 | −9 |
| **29** M ● | 0428 | 4.7 | 143 |
| | 1101 | −0.5 | −15 |
| | 1657 | 5.0 | 152 |
| | 2327 | −0.3 | −9 |
| **30** Tu | 0512 | 4.5 | 137 |
| | 1144 | −0.3 | −9 |
| | 1739 | 5.1 | 155 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean low water during lowest river stages which is the chart datum of soundings.

# Albany, New York, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0014 | −0.3 | −9 |
| | 0553 | 4.3 | 131 |
| | 1227 | −0.2 | −6 |
| | 1820 | 5.1 | 155 |
| **2** Th | 0100 | −0.1 | −3 |
| | 0633 | 4.1 | 125 |
| | 1309 | 0.0 | 0 |
| | 1900 | 5.1 | 155 |
| **3** F | 0146 | 0.0 | 0 |
| | 0712 | 4.0 | 122 |
| | 1353 | 0.1 | 3 |
| | 1941 | 5.1 | 155 |
| **4** Sa | 0233 | 0.1 | 3 |
| | 0754 | 3.9 | 119 |
| | 1438 | 0.3 | 9 |
| | 2025 | 5.0 | 152 |
| **5** Su | 0322 | 0.2 | 6 |
| | 0839 | 3.8 | 116 |
| | 1527 | 0.4 | 12 |
| | 2113 | 4.9 | 149 |
| **6** M | 0412 | 0.3 | 9 |
| | 0929 | 3.7 | 113 |
| | 1619 | 0.5 | 15 |
| | 2205 | 4.9 | 149 |
| **7** Tu | 0505 | 0.3 | 9 |
| | 1025 | 3.7 | 113 |
| | 1714 | 0.5 | 15 |
| ◐ | 2300 | 4.8 | 146 |
| **8** W | 0558 | 0.3 | 9 |
| | 1124 | 3.7 | 113 |
| | 1809 | 0.5 | 15 |
| | 2356 | 4.8 | 146 |
| **9** Th | 0650 | 0.2 | 6 |
| | 1222 | 3.9 | 119 |
| | 1904 | 0.4 | 12 |
| **10** F | 0050 | 4.8 | 146 |
| | 0740 | 0.0 | 0 |
| | 1317 | 4.1 | 125 |
| | 1957 | 0.3 | 9 |
| **11** Sa | 0141 | 4.8 | 146 |
| | 0827 | −0.1 | −3 |
| | 1408 | 4.4 | 134 |
| | 2048 | 0.1 | 3 |
| **12** Su | 0230 | 4.8 | 146 |
| | 0913 | −0.2 | −6 |
| | 1455 | 4.7 | 143 |
| | 2138 | 0.0 | 0 |
| **13** M | 0316 | 4.8 | 146 |
| | 0956 | −0.3 | −9 |
| | 1540 | 5.0 | 152 |
| | 2226 | −0.1 | −3 |
| **14** Tu | 0400 | 4.7 | 143 |
| | 1039 | −0.3 | −9 |
| | 1623 | 5.3 | 162 |
| ○ | 2313 | −0.2 | −6 |
| **15** W | 0444 | 4.7 | 143 |
| | 1121 | −0.3 | −9 |
| | 1706 | 5.5 | 168 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0000 | −0.2 | −6 |
| | 0527 | 4.6 | 140 |
| | 1204 | −0.3 | −9 |
| | 1749 | 5.6 | 171 |
| **17** F | 0049 | −0.2 | −6 |
| | 0613 | 4.5 | 137 |
| | 1250 | −0.2 | −6 |
| | 1836 | 5.7 | 174 |
| **18** Sa | 0139 | −0.2 | −6 |
| | 0702 | 4.4 | 134 |
| | 1340 | −0.1 | −3 |
| | 1926 | 5.6 | 171 |
| **19** Su | 0233 | −0.1 | −3 |
| | 0756 | 4.2 | 128 |
| | 1435 | 0.0 | 0 |
| | 2021 | 5.5 | 168 |
| **20** M | 0329 | 0.0 | 0 |
| | 0856 | 4.1 | 125 |
| | 1534 | 0.1 | 3 |
| | 2121 | 5.3 | 162 |
| **21** Tu | 0426 | 0.0 | 0 |
| | 1001 | 4.1 | 125 |
| | 1637 | 0.2 | 6 |
| ◑ | 2224 | 5.1 | 155 |
| **22** W | 0525 | 0.0 | 0 |
| | 1107 | 4.1 | 125 |
| | 1739 | 0.2 | 6 |
| | 2329 | 4.9 | 149 |
| **23** Th | 0622 | −0.1 | −3 |
| | 1213 | 4.3 | 131 |
| | 1841 | 0.2 | 6 |
| **24** F | 0032 | 4.7 | 143 |
| | 0718 | −0.2 | −6 |
| | 1314 | 4.5 | 137 |
| | 1940 | 0.1 | 3 |
| **25** Sa | 0132 | 4.6 | 140 |
| | 0810 | −0.3 | −9 |
| | 1410 | 4.8 | 146 |
| | 2036 | −0.1 | −3 |
| **26** Su | 0228 | 4.5 | 137 |
| | 0900 | −0.3 | −9 |
| | 1501 | 5.0 | 152 |
| | 2129 | −0.2 | −6 |
| **27** M | 0319 | 4.4 | 134 |
| | 0947 | −0.3 | −9 |
| | 1548 | 5.2 | 158 |
| | 2219 | −0.3 | −9 |
| **28** Tu | 0406 | 4.3 | 131 |
| | 1032 | −0.2 | −6 |
| | 1632 | 5.3 | 162 |
| ● | 2306 | −0.3 | −9 |
| **29** W | 0449 | 4.2 | 128 |
| | 1116 | −0.1 | −3 |
| | 1713 | 5.3 | 162 |
| | 2352 | −0.2 | −6 |
| **30** Th | 0530 | 4.1 | 125 |
| | 1158 | 0.0 | 0 |
| | 1752 | 5.3 | 162 |
| **31** F | 0036 | −0.2 | −6 |
| | 0609 | 4.0 | 122 |
| | 1240 | 0.2 | 6 |
| | 1831 | 5.3 | 162 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0121 | 0.0 | 0 |
| | 0647 | 3.9 | 119 |
| | 1323 | 0.3 | 9 |
| | 1910 | 5.2 | 158 |
| **2** Su | 0205 | 0.1 | 3 |
| | 0726 | 3.9 | 119 |
| | 1407 | 0.4 | 12 |
| | 1952 | 5.2 | 158 |
| **3** M | 0252 | 0.2 | 6 |
| | 0809 | 3.8 | 116 |
| | 1454 | 0.5 | 15 |
| | 2036 | 5.1 | 155 |
| **4** Tu | 0340 | 0.2 | 6 |
| | 0856 | 3.8 | 116 |
| | 1545 | 0.6 | 18 |
| | 2123 | 5.0 | 152 |
| **5** W | 0429 | 0.2 | 6 |
| | 0949 | 3.9 | 119 |
| | 1639 | 0.6 | 18 |
| ◐ | 2215 | 4.8 | 146 |
| **6** Th | 0520 | 0.2 | 6 |
| | 1045 | 4.0 | 122 |
| | 1736 | 0.6 | 18 |
| | 2310 | 4.7 | 143 |
| **7** F | 0610 | 0.1 | 3 |
| | 1143 | 4.2 | 128 |
| | 1832 | 0.5 | 15 |
| **8** Sa | 0005 | 4.6 | 140 |
| | 0700 | 0.0 | 0 |
| | 1239 | 4.5 | 137 |
| | 1927 | 0.4 | 12 |
| **9** Su | 0100 | 4.5 | 137 |
| | 0748 | −0.1 | −3 |
| | 1332 | 4.8 | 146 |
| | 2021 | 0.2 | 6 |
| **10** M | 0153 | 4.5 | 137 |
| | 0835 | −0.2 | −6 |
| | 1422 | 5.1 | 155 |
| | 2113 | 0.0 | 0 |
| **11** Tu | 0244 | 4.4 | 134 |
| | 0921 | −0.2 | −6 |
| | 1510 | 5.4 | 165 |
| | 2203 | −0.1 | −3 |
| **12** W | 0333 | 4.4 | 134 |
| | 1007 | −0.3 | −9 |
| | 1557 | 5.6 | 171 |
| | 2252 | −0.3 | −9 |
| **13** Th | 0422 | 4.4 | 134 |
| | 1054 | −0.3 | −9 |
| | 1644 | 5.8 | 177 |
| ○ | 2341 | −0.4 | −12 |
| **14** F | 0510 | 4.4 | 134 |
| | 1141 | −0.3 | −9 |
| | 1731 | 5.8 | 177 |
| **15** Sa | 0031 | −0.4 | −12 |
| | 0559 | 4.3 | 131 |
| | 1230 | −0.2 | −6 |
| | 1819 | 5.8 | 177 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0121 | −0.4 | −12 |
| | 0651 | 4.3 | 131 |
| | 1322 | −0.1 | −3 |
| | 1910 | 5.7 | 174 |
| **17** M | 0213 | −0.3 | −9 |
| | 0746 | 4.2 | 128 |
| | 1418 | 0.0 | 0 |
| | 2004 | 5.5 | 168 |
| **18** Tu | 0307 | −0.3 | −9 |
| | 0844 | 4.2 | 128 |
| | 1517 | 0.1 | 3 |
| | 2101 | 5.2 | 158 |
| **19** W | 0402 | −0.2 | −6 |
| | 0946 | 4.2 | 128 |
| | 1617 | 0.2 | 6 |
| ◑ | 2201 | 4.9 | 149 |
| **20** Th | 0458 | −0.2 | −6 |
| | 1048 | 4.3 | 131 |
| | 1719 | 0.3 | 9 |
| | 2303 | 4.6 | 140 |
| **21** F | 0553 | −0.2 | −6 |
| | 1150 | 4.5 | 137 |
| | 1820 | 0.2 | 6 |
| **22** Sa | 0004 | 4.4 | 134 |
| | 0647 | −0.2 | −6 |
| | 1249 | 4.7 | 143 |
| | 1919 | 0.1 | 3 |
| **23** Su | 0104 | 4.2 | 128 |
| | 0739 | −0.2 | −6 |
| | 1344 | 4.9 | 149 |
| | 2014 | 0.0 | 0 |
| **24** M | 0201 | 4.1 | 125 |
| | 0829 | −0.2 | −6 |
| | 1434 | 5.1 | 155 |
| | 2107 | −0.1 | −3 |
| **25** Tu | 0253 | 4.0 | 122 |
| | 0918 | −0.1 | −3 |
| | 1522 | 5.3 | 162 |
| | 2157 | −0.2 | −6 |
| **26** W | 0341 | 3.9 | 119 |
| | 1004 | −0.1 | −3 |
| | 1606 | 5.4 | 165 |
| | 2244 | −0.3 | −9 |
| **27** Th | 0426 | 3.9 | 119 |
| | 1048 | 0.0 | 0 |
| | 1647 | 5.4 | 165 |
| ● | 2329 | −0.3 | −9 |
| **28** F | 0507 | 3.8 | 116 |
| | 1131 | 0.1 | 3 |
| | 1727 | 5.4 | 165 |
| **29** Sa | 0013 | −0.2 | −6 |
| | 0546 | 3.8 | 116 |
| | 1214 | 0.2 | 6 |
| | 1805 | 5.3 | 162 |
| **30** Su | 0056 | −0.2 | −6 |
| | 0624 | 3.8 | 116 |
| | 1256 | 0.3 | 9 |
| | 1843 | 5.3 | 162 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0139 | −0.1 | −3 |
| | 0702 | 3.8 | 116 |
| | 1339 | 0.4 | 12 |
| | 1921 | 5.2 | 158 |
| **2** Tu | 0222 | 0.0 | 0 |
| | 0742 | 3.9 | 119 |
| | 1424 | 0.5 | 15 |
| | 2001 | 5.1 | 155 |
| **3** W | 0307 | 0.0 | 0 |
| | 0826 | 4.0 | 122 |
| | 1513 | 0.6 | 18 |
| | 2043 | 4.9 | 149 |
| **4** Th | 0352 | 0.0 | 0 |
| | 0914 | 4.1 | 125 |
| | 1606 | 0.6 | 18 |
| | 2130 | 4.8 | 146 |
| **5** F | 0440 | 0.0 | 0 |
| | 1007 | 4.3 | 131 |
| | 1702 | 0.6 | 18 |
| ◐ | 2221 | 4.6 | 140 |
| **6** Sa | 0528 | 0.0 | 0 |
| | 1103 | 4.5 | 137 |
| | 1800 | 0.6 | 18 |
| | 2318 | 4.4 | 134 |
| **7** Su | 0618 | 0.0 | 0 |
| | 1200 | 4.7 | 143 |
| | 1858 | 0.4 | 12 |
| **8** M | 0017 | 4.2 | 128 |
| | 0709 | −0.1 | −3 |
| | 1256 | 5.0 | 152 |
| | 1954 | 0.2 | 6 |
| **9** Tu | 0116 | 4.1 | 125 |
| | 0800 | −0.1 | −3 |
| | 1351 | 5.3 | 162 |
| | 2048 | 0.0 | 0 |
| **10** W | 0214 | 4.1 | 125 |
| | 0850 | −0.2 | −6 |
| | 1444 | 5.5 | 168 |
| | 2141 | −0.2 | −6 |
| **11** Th | 0309 | 4.1 | 125 |
| | 0941 | −0.3 | −9 |
| | 1535 | 5.7 | 174 |
| | 2232 | −0.4 | −12 |
| **12** F | 0403 | 4.1 | 125 |
| | 1031 | −0.3 | −9 |
| | 1625 | 5.8 | 177 |
| ○ | 2323 | −0.5 | −15 |
| **13** Sa | 0455 | 4.2 | 128 |
| | 1122 | −0.3 | −9 |
| | 1715 | 5.8 | 177 |
| **14** Su | 0012 | −0.6 | −18 |
| | 0547 | 4.3 | 131 |
| | 1213 | −0.3 | −9 |
| | 1805 | 5.8 | 177 |
| **15** M | 0102 | −0.6 | −18 |
| | 0639 | 4.3 | 131 |
| | 1306 | −0.2 | −6 |
| | 1854 | 5.6 | 171 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0152 | −0.6 | −18 |
| | 0733 | 4.3 | 131 |
| | 1401 | −0.1 | −3 |
| | 1945 | 5.3 | 162 |
| **17** W | 0243 | −0.5 | −15 |
| | 0828 | 4.4 | 134 |
| | 1457 | 0.1 | 3 |
| | 2038 | 5.0 | 152 |
| **18** Th | 0335 | −0.4 | −12 |
| | 0925 | 4.5 | 137 |
| | 1556 | 0.2 | 6 |
| | 2134 | 4.7 | 143 |
| **19** F | 0427 | −0.3 | −9 |
| | 1022 | 4.6 | 140 |
| | 1655 | 0.2 | 6 |
| ◑ | 2232 | 4.3 | 131 |
| **20** Sa | 0521 | −0.2 | −6 |
| | 1120 | 4.7 | 143 |
| | 1755 | 0.2 | 6 |
| | 2332 | 4.0 | 122 |
| **21** Su | 0614 | −0.2 | −6 |
| | 1217 | 4.8 | 146 |
| | 1853 | 0.2 | 6 |
| **22** M | 0032 | 3.8 | 116 |
| | 0707 | −0.1 | −3 |
| | 1312 | 5.0 | 152 |
| | 1949 | 0.0 | 0 |
| **23** Tu | 0130 | 3.7 | 113 |
| | 0758 | −0.1 | −3 |
| | 1404 | 5.1 | 155 |
| | 2042 | −0.1 | −3 |
| **24** W | 0224 | 3.7 | 113 |
| | 0848 | 0.0 | 0 |
| | 1453 | 5.2 | 158 |
| | 2132 | −0.2 | −6 |
| **25** Th | 0314 | 3.6 | 110 |
| | 0936 | 0.0 | 0 |
| | 1539 | 5.3 | 162 |
| | 2219 | −0.3 | −9 |
| **26** F | 0400 | 3.7 | 113 |
| | 1022 | 0.0 | 0 |
| | 1622 | 5.4 | 165 |
| | 2305 | −0.3 | −9 |
| **27** Sa | 0443 | 3.7 | 113 |
| | 1106 | 0.1 | 3 |
| | 1702 | 5.4 | 165 |
| ● | 2348 | −0.3 | −9 |
| **28** Su | 0523 | 3.8 | 116 |
| | 1149 | 0.1 | 3 |
| | 1741 | 5.3 | 162 |
| **29** M | 0030 | −0.3 | −9 |
| | 0601 | 3.8 | 116 |
| | 1231 | 0.2 | 6 |
| | 1817 | 5.3 | 162 |
| **30** Tu | 0111 | −0.3 | −9 |
| | 0638 | 4.0 | 122 |
| | 1313 | 0.3 | 9 |
| | 1853 | 5.2 | 158 |
| **31** W | 0152 | −0.2 | −6 |
| | 0716 | 4.1 | 125 |
| | 1357 | 0.4 | 12 |
| | 1929 | 5.1 | 155 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean low water during lowest river stages which is the chart datum of soundings.

# Sandy Hook, New Jersey, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0201 | 4.3 | 131 |
| | 0827 | 0.8 | 24 |
| | 1409 | 3.7 | 113 |
| | 2038 | 0.5 | 15 |
| **2** W | 0249 | 4.3 | 131 |
| | 0924 | 0.7 | 21 |
| | 1502 | 3.5 | 107 |
| | 2127 | 0.5 | 15 |
| **3** Th | 0340 | 4.4 | 134 |
| | 1016 | 0.6 | 18 |
| | 1600 | 3.5 | 107 |
| | 2214 | 0.5 | 15 |
| **4** F | 0432 | 4.5 | 137 |
| | 1104 | 0.4 | 12 |
| | 1656 | 3.6 | 110 |
| | 2300 | 0.4 | 12 |
| **5** Sa | 0521 | 4.7 | 143 |
| | 1150 | 0.2 | 6 |
| | 1746 | 3.7 | 113 |
| | 2345 | 0.3 | 9 |
| **6** Su | 0606 | 4.8 | 146 |
| | 1235 | 0.1 | 3 |
| | 1831 | 3.8 | 116 |
| **7** M | 0030 | 0.2 | 6 |
| | 0647 | 5.0 | 152 |
| | 1319 | −0.1 | −3 |
| | 1911 | 3.9 | 119 |
| **8** Tu ● | 0115 | 0.1 | 3 |
| | 0725 | 5.1 | 155 |
| | 1401 | −0.2 | −6 |
| | 1950 | 4.0 | 122 |
| **9** W | 0158 | 0.0 | 0 |
| | 0802 | 5.1 | 155 |
| | 1441 | −0.3 | −9 |
| | 2028 | 4.1 | 125 |
| **10** Th | 0239 | 0.0 | 0 |
| | 0840 | 5.1 | 155 |
| | 1518 | −0.4 | −12 |
| | 2107 | 4.2 | 128 |
| **11** F | 0319 | 0.0 | 0 |
| | 0920 | 5.0 | 152 |
| | 1555 | −0.4 | −12 |
| | 2150 | 4.3 | 131 |
| **12** Sa | 0400 | 0.0 | 0 |
| | 1003 | 4.9 | 149 |
| | 1632 | −0.4 | −12 |
| | 2237 | 4.4 | 134 |
| **13** Su | 0444 | 0.1 | 3 |
| | 1052 | 4.7 | 143 |
| | 1711 | −0.3 | −9 |
| | 2328 | 4.5 | 137 |
| **14** M | 0537 | 0.3 | 9 |
| | 1145 | 4.5 | 137 |
| | 1757 | −0.2 | −6 |
| **15** Tu ◐ | 0020 | 4.6 | 140 |
| | 0643 | 0.4 | 12 |
| | 1241 | 4.3 | 131 |
| | 1854 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0116 | 4.8 | 146 |
| | 0801 | 0.4 | 12 |
| | 1341 | 4.1 | 125 |
| | 2002 | 0.0 | 0 |
| **17** Th | 0216 | 4.9 | 149 |
| | 0914 | 0.3 | 9 |
| | 1447 | 4.0 | 122 |
| | 2110 | 0.0 | 0 |
| **18** F | 0321 | 5.0 | 152 |
| | 1018 | 0.0 | 0 |
| | 1557 | 4.0 | 122 |
| | 2213 | −0.2 | −6 |
| **19** Sa | 0428 | 5.2 | 158 |
| | 1117 | −0.2 | −6 |
| | 1705 | 4.1 | 125 |
| | 2313 | −0.3 | −9 |
| **20** Su | 0531 | 5.4 | 165 |
| | 1212 | −0.5 | −15 |
| | 1805 | 4.4 | 134 |
| **21** M | 0010 | −0.5 | −15 |
| | 0627 | 5.6 | 171 |
| | 1305 | −0.7 | −21 |
| | 1858 | 4.6 | 140 |
| **22** Tu ○ | 0104 | −0.6 | −18 |
| | 0717 | 5.6 | 171 |
| | 1355 | −0.8 | −24 |
| | 1948 | 4.8 | 146 |
| **23** W | 0155 | −0.7 | −21 |
| | 0804 | 5.6 | 171 |
| | 1441 | −0.9 | −27 |
| | 2036 | 4.8 | 146 |
| **24** Th | 0243 | −0.6 | −18 |
| | 0850 | 5.4 | 165 |
| | 1523 | −0.8 | −24 |
| | 2123 | 4.8 | 146 |
| **25** F | 0329 | −0.4 | −12 |
| | 0935 | 5.1 | 155 |
| | 1602 | −0.6 | −18 |
| | 2211 | 4.7 | 143 |
| **26** Sa | 0412 | −0.2 | −6 |
| | 1020 | 4.8 | 146 |
| | 1640 | −0.4 | −12 |
| | 2257 | 4.6 | 140 |
| **27** Su | 0455 | 0.1 | 3 |
| | 1105 | 4.4 | 134 |
| | 1717 | 0.0 | 0 |
| | 2343 | 4.5 | 137 |
| **28** M | 0541 | 0.4 | 12 |
| | 1151 | 4.1 | 125 |
| | 1755 | 0.3 | 9 |
| **29** Tu | 0027 | 4.4 | 134 |
| | 0633 | 0.7 | 21 |
| | 1237 | 3.8 | 116 |
| | 1840 | 0.6 | 18 |
| **30** W ◑ | 0112 | 4.2 | 128 |
| | 0736 | 0.9 | 27 |
| | 1325 | 3.5 | 107 |
| | 1936 | 0.8 | 24 |
| **31** Th | 0200 | 4.2 | 128 |
| | 0841 | 0.9 | 27 |
| | 1419 | 3.3 | 101 |
| | 2038 | 0.9 | 27 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0252 | 4.1 | 125 |
| | 0939 | 0.8 | 24 |
| | 1519 | 3.3 | 101 |
| | 2137 | 0.8 | 24 |
| **2** Sa | 0350 | 4.2 | 128 |
| | 1032 | 0.6 | 18 |
| | 1621 | 3.4 | 104 |
| | 2230 | 0.6 | 18 |
| **3** Su | 0447 | 4.4 | 134 |
| | 1121 | 0.4 | 12 |
| | 1717 | 3.6 | 110 |
| | 2319 | 0.4 | 12 |
| **4** M | 0538 | 4.6 | 140 |
| | 1207 | 0.1 | 3 |
| | 1805 | 3.8 | 116 |
| **5** Tu | 0007 | 0.2 | 6 |
| | 0622 | 4.9 | 149 |
| | 1251 | −0.1 | −3 |
| | 1847 | 4.1 | 125 |
| **6** W ● | 0053 | 0.0 | 0 |
| | 0702 | 5.1 | 155 |
| | 1333 | −0.3 | −9 |
| | 1926 | 4.4 | 134 |
| **7** Th | 0138 | −0.2 | −6 |
| | 0741 | 5.3 | 162 |
| | 1413 | −0.5 | −15 |
| | 2004 | 4.6 | 140 |
| **8** F | 0221 | −0.3 | −9 |
| | 0819 | 5.3 | 162 |
| | 1451 | −0.6 | −18 |
| | 2043 | 4.8 | 146 |
| **9** Sa | 0304 | −0.4 | −12 |
| | 0900 | 5.2 | 158 |
| | 1528 | −0.7 | −21 |
| | 2125 | 4.9 | 149 |
| **10** Su | 0347 | −0.3 | −9 |
| | 0944 | 5.0 | 152 |
| | 1606 | −0.6 | −18 |
| | 2212 | 5.0 | 152 |
| **11** M | 0433 | −0.2 | −6 |
| | 1034 | 4.8 | 146 |
| | 1645 | −0.5 | −15 |
| | 2302 | 5.0 | 152 |
| **12** Tu | 0525 | 0.0 | 0 |
| | 1128 | 4.5 | 137 |
| | 1731 | −0.2 | −6 |
| | 2357 | 5.0 | 152 |
| **13** W ◐ | 0628 | 0.3 | 9 |
| | 1227 | 4.2 | 128 |
| | 1828 | 0.1 | 3 |
| **14** Th | 0055 | 4.9 | 149 |
| | 0745 | 0.4 | 12 |
| | 1329 | 4.0 | 122 |
| | 1942 | 0.3 | 9 |
| **15** F | 0158 | 4.8 | 146 |
| | 0900 | 0.4 | 12 |
| | 1436 | 3.9 | 119 |
| | 2057 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0306 | 4.8 | 146 |
| | 1006 | 0.2 | 6 |
| | 1547 | 4.0 | 122 |
| | 2204 | 0.1 | 3 |
| **17** Su | 0416 | 4.9 | 149 |
| | 1104 | −0.1 | −3 |
| | 1654 | 4.2 | 128 |
| | 2304 | −0.1 | −3 |
| **18** M | 0520 | 5.1 | 155 |
| | 1157 | −0.3 | −9 |
| | 1753 | 4.5 | 137 |
| | 2359 | −0.3 | −9 |
| **19** Tu | 0614 | 5.3 | 162 |
| | 1246 | −0.5 | −15 |
| | 1844 | 4.8 | 146 |
| **20** W ○ | 0051 | −0.4 | −12 |
| | 0701 | 5.4 | 165 |
| | 1332 | −0.6 | −18 |
| | 1929 | 5.0 | 152 |
| **21** Th | 0139 | −0.5 | −15 |
| | 0744 | 5.4 | 165 |
| | 1413 | −0.7 | −21 |
| | 2012 | 5.1 | 155 |
| **22** F | 0224 | −0.5 | −15 |
| | 0825 | 5.3 | 162 |
| | 1452 | −0.6 | −18 |
| | 2054 | 5.1 | 155 |
| **23** Sa | 0305 | −0.4 | −12 |
| | 0906 | 5.0 | 152 |
| | 1527 | −0.4 | −12 |
| | 2135 | 5.0 | 152 |
| **24** Su | 0345 | −0.2 | −6 |
| | 0946 | 4.7 | 143 |
| | 1600 | −0.2 | −6 |
| | 2216 | 4.9 | 149 |
| **25** M | 0424 | 0.1 | 3 |
| | 1028 | 4.3 | 131 |
| | 1632 | 0.1 | 3 |
| | 2257 | 4.7 | 143 |
| **26** Tu | 0503 | 0.4 | 12 |
| | 1112 | 4.0 | 122 |
| | 1704 | 0.5 | 15 |
| | 2339 | 4.5 | 137 |
| **27** W | 0547 | 0.7 | 21 |
| | 1158 | 3.7 | 113 |
| | 1739 | 0.8 | 24 |
| **28** Th ◑ | 0023 | 4.3 | 131 |
| | 0642 | 0.9 | 27 |
| | 1246 | 3.5 | 107 |
| | 1828 | 1.0 | 30 |
| **29** F | 0110 | 4.2 | 128 |
| | 0751 | 1.1 | 34 |
| | 1339 | 3.4 | 104 |
| | 1944 | 1.2 | 37 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0204 | 4.1 | 125 |
| | 0859 | 1.0 | 30 |
| | 1438 | 3.3 | 101 |
| | 2058 | 1.1 | 34 |
| **2** Su | 0305 | 4.1 | 125 |
| | 0956 | 0.8 | 24 |
| | 1541 | 3.5 | 107 |
| | 2159 | 0.9 | 27 |
| **3** M | 0407 | 4.3 | 131 |
| | 1047 | 0.6 | 18 |
| | 1641 | 3.7 | 113 |
| | 2251 | 0.6 | 18 |
| **4** Tu | 0503 | 4.6 | 140 |
| | 1133 | 0.3 | 9 |
| | 1732 | 4.1 | 125 |
| | 2341 | 0.3 | 9 |
| **5** W | 0551 | 4.9 | 149 |
| | 1217 | −0.1 | −3 |
| | 1816 | 4.5 | 137 |
| **6** Th | 0029 | 0.0 | 0 |
| | 0634 | 5.2 | 158 |
| | 1259 | −0.3 | −9 |
| | 1857 | 4.9 | 149 |
| **7** F ● | 0116 | −0.3 | −9 |
| | 0715 | 5.4 | 165 |
| | 1340 | −0.6 | −18 |
| | 1937 | 5.2 | 158 |
| **8** Sa | 0202 | −0.5 | −15 |
| | 0757 | 5.4 | 165 |
| | 1421 | −0.7 | −21 |
| | 2018 | 5.5 | 168 |
| **9** Su | 0248 | −0.6 | −18 |
| | 0840 | 5.3 | 162 |
| | 1501 | −0.7 | −21 |
| | 2101 | 5.6 | 171 |
| **10** M | 0334 | −0.5 | −15 |
| | 0927 | 5.1 | 155 |
| | 1541 | −0.6 | −18 |
| | 2148 | 5.6 | 171 |
| **11** Tu | 0422 | −0.4 | −12 |
| | 1020 | 4.8 | 146 |
| | 1624 | −0.4 | −12 |
| | 2241 | 5.5 | 168 |
| **12** W | 0514 | −0.1 | −3 |
| | 1117 | 4.5 | 137 |
| | 1713 | 0.0 | 0 |
| | 2339 | 5.3 | 162 |
| **13** Th | 0617 | 0.2 | 6 |
| | 1218 | 4.3 | 131 |
| | 1814 | 0.3 | 9 |
| **14** F ◐ | 0040 | 5.0 | 152 |
| | 0731 | 0.4 | 12 |
| | 1322 | 4.1 | 125 |
| | 1930 | 0.6 | 18 |
| **15** Sa | 0145 | 4.9 | 149 |
| | 0846 | 0.4 | 12 |
| | 1428 | 4.1 | 125 |
| | 2048 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0253 | 4.8 | 146 |
| | 0950 | 0.3 | 9 |
| | 1536 | 4.2 | 128 |
| | 2154 | 0.4 | 12 |
| **17** M | 0401 | 4.8 | 146 |
| | 1045 | 0.1 | 3 |
| | 1640 | 4.5 | 137 |
| | 2252 | 0.2 | 6 |
| **18** Tu | 0503 | 5.0 | 152 |
| | 1135 | −0.1 | −3 |
| | 1736 | 4.8 | 146 |
| | 2344 | 0.0 | 0 |
| **19** W | 0554 | 5.1 | 155 |
| | 1220 | −0.3 | −9 |
| | 1824 | 5.1 | 155 |
| **20** Th | 0033 | −0.2 | −6 |
| | 0639 | 5.2 | 158 |
| | 1302 | −0.3 | −9 |
| | 1906 | 5.3 | 162 |
| **21** F ○ | 0119 | −0.2 | −6 |
| | 0720 | 5.2 | 158 |
| | 1341 | −0.3 | −9 |
| | 1945 | 5.4 | 165 |
| **22** Sa | 0201 | −0.3 | −9 |
| | 0759 | 5.0 | 152 |
| | 1417 | −0.2 | −6 |
| | 2022 | 5.4 | 165 |
| **23** Su | 0241 | −0.2 | −6 |
| | 0837 | 4.8 | 146 |
| | 1451 | −0.1 | −3 |
| | 2059 | 5.3 | 162 |
| **24** M | 0320 | −0.1 | −3 |
| | 0915 | 4.6 | 140 |
| | 1524 | 0.2 | 6 |
| | 2135 | 5.1 | 155 |
| **25** Tu | 0356 | 0.1 | 3 |
| | 0956 | 4.3 | 131 |
| | 1554 | 0.4 | 12 |
| | 2213 | 4.9 | 149 |
| **26** W | 0433 | 0.4 | 12 |
| | 1038 | 4.0 | 122 |
| | 1625 | 0.7 | 21 |
| | 2252 | 4.6 | 140 |
| **27** Th | 0512 | 0.7 | 21 |
| | 1124 | 3.8 | 116 |
| | 1657 | 1.0 | 30 |
| | 2336 | 4.4 | 134 |
| **28** F | 0558 | 0.9 | 27 |
| | 1212 | 3.6 | 110 |
| | 1739 | 1.2 | 37 |
| **29** Sa ◑ | 0025 | 4.3 | 131 |
| | 0701 | 1.1 | 34 |
| | 1304 | 3.6 | 110 |
| | 1848 | 1.4 | 43 |
| **30** Su | 0119 | 4.2 | 128 |
| | 0813 | 1.1 | 34 |
| | 1400 | 3.6 | 110 |
| | 2017 | 1.3 | 40 |
| **31** M | 0218 | 4.3 | 131 |
| | 0915 | 1.0 | 30 |
| | 1459 | 3.8 | 116 |
| | 2125 | 1.1 | 34 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Sandy Hook, New Jersey, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0320 | 4.4 | 134 |
| | 1006 | 0.7 | 21 |
| | 1559 | 4.1 | 125 |
| | 2221 | 0.7 | 21 |
| **2** W | 0420 | 4.7 | 143 |
| | 1053 | 0.3 | 9 |
| | 1653 | 4.5 | 137 |
| | 2313 | 0.4 | 12 |
| **3** Th | 0514 | 5.0 | 152 |
| | 1137 | 0.0 | 0 |
| | 1741 | 5.0 | 152 |
| **4** F | 0003 | 0.0 | 0 |
| | 0602 | 5.2 | 158 |
| | 1221 | −0.3 | −9 |
| | 1826 | 5.5 | 168 |
| **5** Sa ● | 0053 | −0.3 | −9 |
| | 0648 | 5.4 | 165 |
| | 1306 | −0.5 | −15 |
| | 1909 | 5.9 | 180 |
| **6** Su | 0143 | −0.6 | −18 |
| | 0734 | 5.4 | 165 |
| | 1350 | −0.6 | −18 |
| | 1953 | 6.1 | 186 |
| **7** M | 0232 | −0.7 | −21 |
| | 0821 | 5.3 | 162 |
| | 1435 | −0.6 | −18 |
| | 2039 | 6.1 | 186 |
| **8** Tu | 0321 | −0.6 | −18 |
| | 0912 | 5.1 | 155 |
| | 1521 | −0.4 | −12 |
| | 2129 | 6.0 | 183 |
| **9** W | 0411 | −0.4 | −12 |
| | 1008 | 4.9 | 149 |
| | 1609 | −0.2 | −6 |
| | 2225 | 5.8 | 177 |
| **10** Th | 0505 | −0.2 | −6 |
| | 1109 | 4.6 | 140 |
| | 1702 | 0.2 | 6 |
| | 2326 | 5.5 | 168 |
| **11** F | 0606 | 0.2 | 6 |
| | 1211 | 4.5 | 137 |
| | 1805 | 0.5 | 15 |
| **12** Sa ◐ | 0029 | 5.2 | 158 |
| | 0715 | 0.4 | 12 |
| | 1314 | 4.4 | 134 |
| | 1920 | 0.7 | 21 |
| **13** Su | 0132 | 5.0 | 152 |
| | 0826 | 0.4 | 12 |
| | 1416 | 4.4 | 134 |
| | 2035 | 0.8 | 24 |
| **14** M | 0234 | 4.8 | 146 |
| | 0927 | 0.3 | 9 |
| | 1518 | 4.5 | 137 |
| | 2139 | 0.6 | 18 |
| **15** Tu | 0337 | 4.7 | 143 |
| | 1019 | 0.2 | 6 |
| | 1618 | 4.8 | 146 |
| | 2235 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0435 | 4.8 | 146 |
| | 1105 | 0.1 | 3 |
| | 1711 | 5.0 | 152 |
| | 2325 | 0.3 | 9 |
| **17** Th | 0527 | 4.8 | 146 |
| | 1147 | 0.0 | 0 |
| | 1757 | 5.3 | 162 |
| **18** F | 0011 | 0.1 | 3 |
| | 0612 | 4.8 | 146 |
| | 1227 | 0.0 | 0 |
| | 1838 | 5.5 | 168 |
| **19** Sa | 0055 | 0.0 | 0 |
| | 0653 | 4.8 | 146 |
| | 1305 | 0.1 | 3 |
| | 1915 | 5.6 | 171 |
| **20** Su ○ | 0137 | 0.0 | 0 |
| | 0732 | 4.7 | 143 |
| | 1342 | 0.2 | 6 |
| | 1951 | 5.5 | 168 |
| **21** M | 0218 | 0.0 | 0 |
| | 0810 | 4.6 | 140 |
| | 1417 | 0.3 | 9 |
| | 2026 | 5.4 | 165 |
| **22** Tu | 0256 | 0.1 | 3 |
| | 0849 | 4.4 | 134 |
| | 1452 | 0.5 | 15 |
| | 2100 | 5.2 | 158 |
| **23** W | 0333 | 0.2 | 6 |
| | 0929 | 4.2 | 128 |
| | 1525 | 0.7 | 21 |
| | 2136 | 5.0 | 152 |
| **24** Th | 0410 | 0.4 | 12 |
| | 1011 | 4.0 | 122 |
| | 1558 | 0.9 | 27 |
| | 2215 | 4.8 | 146 |
| **25** F | 0447 | 0.6 | 18 |
| | 1056 | 3.9 | 119 |
| | 1632 | 1.1 | 34 |
| | 2259 | 4.6 | 140 |
| **26** Sa | 0529 | 0.9 | 27 |
| | 1144 | 3.8 | 116 |
| | 1713 | 1.3 | 40 |
| | 2348 | 4.5 | 137 |
| **27** Su | 0621 | 1.0 | 30 |
| | 1234 | 3.8 | 116 |
| | 1810 | 1.4 | 43 |
| **28** M ◑ | 0041 | 4.5 | 137 |
| | 0724 | 1.0 | 30 |
| | 1325 | 3.9 | 119 |
| | 1933 | 1.4 | 43 |
| **29** Tu | 0136 | 4.5 | 137 |
| | 0827 | 0.9 | 27 |
| | 1419 | 4.1 | 125 |
| | 2048 | 1.2 | 37 |
| **30** W | 0234 | 4.6 | 140 |
| | 0921 | 0.6 | 18 |
| | 1515 | 4.5 | 137 |
| | 2149 | 0.8 | 24 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0335 | 4.7 | 143 |
| | 1010 | 0.3 | 9 |
| | 1612 | 4.9 | 149 |
| | 2244 | 0.4 | 12 |
| **2** F | 0434 | 4.9 | 149 |
| | 1057 | 0.0 | 0 |
| | 1705 | 5.4 | 165 |
| | 2338 | 0.0 | 0 |
| **3** Sa | 0530 | 5.0 | 152 |
| | 1144 | −0.2 | −6 |
| | 1755 | 5.9 | 180 |
| **4** Su | 0031 | −0.3 | −9 |
| | 0622 | 5.2 | 158 |
| | 1233 | −0.4 | −12 |
| | 1843 | 6.2 | 189 |
| **5** M ● | 0124 | −0.5 | −15 |
| | 0713 | 5.2 | 158 |
| | 1323 | −0.5 | −15 |
| | 1931 | 6.4 | 195 |
| **6** Tu | 0216 | −0.7 | −21 |
| | 0805 | 5.2 | 158 |
| | 1414 | −0.4 | −12 |
| | 2021 | 6.4 | 195 |
| **7** W | 0308 | −0.6 | −18 |
| | 0859 | 5.1 | 155 |
| | 1505 | −0.3 | −9 |
| | 2115 | 6.2 | 189 |
| **8** Th | 0400 | −0.5 | −15 |
| | 0958 | 4.9 | 149 |
| | 1557 | −0.1 | −3 |
| | 2213 | 5.9 | 180 |
| **9** F | 0453 | −0.3 | −9 |
| | 1059 | 4.8 | 146 |
| | 1652 | 0.2 | 6 |
| | 2314 | 5.6 | 171 |
| **10** Sa | 0550 | 0.0 | 0 |
| | 1200 | 4.7 | 143 |
| | 1754 | 0.5 | 15 |
| **11** Su ◐ | 0014 | 5.3 | 162 |
| | 0653 | 0.2 | 6 |
| | 1259 | 4.7 | 143 |
| | 1902 | 0.8 | 24 |
| **12** M | 0112 | 5.0 | 152 |
| | 0756 | 0.3 | 9 |
| | 1356 | 4.7 | 143 |
| | 2013 | 0.9 | 27 |
| **13** Tu | 0208 | 4.8 | 146 |
| | 0854 | 0.4 | 12 |
| | 1452 | 4.8 | 146 |
| | 2116 | 0.8 | 24 |
| **14** W | 0304 | 4.6 | 140 |
| | 0944 | 0.3 | 9 |
| | 1547 | 5.0 | 152 |
| | 2211 | 0.7 | 21 |
| **15** Th | 0400 | 4.5 | 137 |
| | 1028 | 0.3 | 9 |
| | 1639 | 5.1 | 155 |
| | 2300 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0453 | 4.4 | 134 |
| | 1109 | 0.3 | 9 |
| | 1725 | 5.3 | 162 |
| | 2346 | 0.4 | 12 |
| **17** Sa | 0541 | 4.4 | 134 |
| | 1149 | 0.4 | 12 |
| | 1807 | 5.4 | 165 |
| **18** Su | 0030 | 0.3 | 9 |
| | 0625 | 4.4 | 134 |
| | 1229 | 0.4 | 12 |
| | 1845 | 5.5 | 168 |
| **19** M ○ | 0113 | 0.2 | 6 |
| | 0707 | 4.4 | 134 |
| | 1309 | 0.5 | 15 |
| | 1922 | 5.5 | 168 |
| **20** Tu | 0154 | 0.2 | 6 |
| | 0747 | 4.4 | 134 |
| | 1348 | 0.6 | 18 |
| | 1958 | 5.4 | 165 |
| **21** W | 0234 | 0.2 | 6 |
| | 0826 | 4.3 | 131 |
| | 1427 | 0.7 | 21 |
| | 2033 | 5.3 | 162 |
| **22** Th | 0313 | 0.3 | 9 |
| | 0906 | 4.2 | 128 |
| | 1504 | 0.8 | 24 |
| | 2110 | 5.1 | 155 |
| **23** F | 0350 | 0.4 | 12 |
| | 0948 | 4.0 | 122 |
| | 1540 | 0.9 | 27 |
| | 2148 | 5.0 | 152 |
| **24** Sa | 0427 | 0.5 | 15 |
| | 1032 | 4.0 | 122 |
| | 1616 | 1.0 | 30 |
| | 2231 | 4.8 | 146 |
| **25** Su | 0506 | 0.6 | 18 |
| | 1118 | 4.0 | 122 |
| | 1656 | 1.2 | 37 |
| | 2318 | 4.7 | 143 |
| **26** M | 0548 | 0.7 | 21 |
| | 1205 | 4.1 | 125 |
| | 1746 | 1.2 | 37 |
| **27** Tu ◑ | 0008 | 4.7 | 143 |
| | 0639 | 0.7 | 21 |
| | 1252 | 4.3 | 131 |
| | 1856 | 1.3 | 40 |
| **28** W | 0100 | 4.7 | 143 |
| | 0736 | 0.6 | 18 |
| | 1342 | 4.6 | 140 |
| | 2012 | 1.1 | 34 |
| **29** Th | 0155 | 4.6 | 140 |
| | 0833 | 0.5 | 15 |
| | 1436 | 4.9 | 149 |
| | 2119 | 0.8 | 24 |
| **30** F | 0255 | 4.6 | 140 |
| | 0928 | 0.2 | 6 |
| | 1533 | 5.3 | 162 |
| | 2219 | 0.5 | 15 |
| **31** Sa | 0359 | 4.7 | 143 |
| | 1020 | 0.0 | 0 |
| | 1631 | 5.7 | 174 |
| | 2316 | 0.1 | 3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0502 | 4.8 | 146 |
| | 1112 | −0.1 | −3 |
| | 1728 | 6.0 | 183 |
| **2** M | 0012 | −0.2 | −6 |
| | 0601 | 4.9 | 149 |
| | 1206 | −0.3 | −9 |
| | 1822 | 6.3 | 192 |
| **3** Tu ● | 0107 | −0.4 | −12 |
| | 0656 | 5.0 | 152 |
| | 1302 | −0.3 | −9 |
| | 1914 | 6.4 | 195 |
| **4** W | 0202 | −0.6 | −18 |
| | 0751 | 5.1 | 155 |
| | 1358 | −0.3 | −9 |
| | 2007 | 6.4 | 195 |
| **5** Th | 0255 | −0.6 | −18 |
| | 0847 | 5.1 | 155 |
| | 1452 | −0.3 | −9 |
| | 2102 | 6.2 | 189 |
| **6** F | 0346 | −0.6 | −18 |
| | 0944 | 5.0 | 152 |
| | 1545 | −0.1 | −3 |
| | 2159 | 5.9 | 180 |
| **7** Sa | 0437 | −0.4 | −12 |
| | 1044 | 5.0 | 152 |
| | 1639 | 0.2 | 6 |
| | 2256 | 5.6 | 171 |
| **8** Su | 0528 | −0.2 | −6 |
| | 1141 | 4.9 | 149 |
| | 1735 | 0.5 | 15 |
| | 2352 | 5.3 | 162 |
| **9** M | 0622 | 0.1 | 3 |
| | 1236 | 4.9 | 149 |
| | 1837 | 0.8 | 24 |
| **10** Tu ◐ | 0044 | 5.0 | 152 |
| | 0717 | 0.3 | 9 |
| | 1328 | 4.9 | 149 |
| | 1942 | 0.9 | 27 |
| **11** W | 0135 | 4.6 | 140 |
| | 0812 | 0.4 | 12 |
| | 1419 | 4.9 | 149 |
| | 2045 | 1.0 | 30 |
| **12** Th | 0227 | 4.4 | 134 |
| | 0902 | 0.5 | 15 |
| | 1510 | 5.0 | 152 |
| | 2141 | 0.9 | 27 |
| **13** F | 0320 | 4.2 | 128 |
| | 0948 | 0.6 | 18 |
| | 1600 | 5.1 | 155 |
| | 2231 | 0.8 | 24 |
| **14** Sa | 0416 | 4.1 | 125 |
| | 1031 | 0.6 | 18 |
| | 1649 | 5.2 | 158 |
| | 2317 | 0.6 | 18 |
| **15** Su | 0509 | 4.1 | 125 |
| | 1113 | 0.7 | 21 |
| | 1734 | 5.3 | 162 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0003 | 0.5 | 15 |
| | 0558 | 4.1 | 125 |
| | 1156 | 0.7 | 21 |
| | 1817 | 5.3 | 162 |
| **17** Tu | 0047 | 0.4 | 12 |
| | 0643 | 4.2 | 128 |
| | 1240 | 0.7 | 21 |
| | 1857 | 5.4 | 165 |
| **18** W ○ | 0131 | 0.3 | 9 |
| | 0725 | 4.2 | 128 |
| | 1323 | 0.7 | 21 |
| | 1935 | 5.4 | 165 |
| **19** Th | 0212 | 0.3 | 9 |
| | 0805 | 4.2 | 128 |
| | 1405 | 0.7 | 21 |
| | 2012 | 5.3 | 162 |
| **20** F | 0252 | 0.2 | 6 |
| | 0844 | 4.2 | 128 |
| | 1445 | 0.7 | 21 |
| | 2049 | 5.2 | 158 |
| **21** Sa | 0330 | 0.3 | 9 |
| | 0924 | 4.2 | 128 |
| | 1524 | 0.8 | 24 |
| | 2126 | 5.1 | 155 |
| **22** Su | 0405 | 0.3 | 9 |
| | 1005 | 4.2 | 128 |
| | 1601 | 0.8 | 24 |
| | 2207 | 5.0 | 152 |
| **23** M | 0441 | 0.3 | 9 |
| | 1049 | 4.3 | 131 |
| | 1641 | 0.9 | 27 |
| | 2251 | 4.9 | 149 |
| **24** Tu | 0517 | 0.4 | 12 |
| | 1134 | 4.5 | 137 |
| | 1727 | 1.0 | 30 |
| | 2339 | 4.8 | 146 |
| **25** W | 0559 | 0.4 | 12 |
| | 1221 | 4.7 | 143 |
| | 1828 | 1.1 | 34 |
| **26** Th ◑ | 0030 | 4.7 | 143 |
| | 0650 | 0.4 | 12 |
| | 1310 | 4.9 | 149 |
| | 1942 | 1.0 | 30 |
| **27** F | 0126 | 4.6 | 140 |
| | 0749 | 0.4 | 12 |
| | 1403 | 5.2 | 158 |
| | 2054 | 0.8 | 24 |
| **28** Sa | 0226 | 4.5 | 137 |
| | 0852 | 0.3 | 9 |
| | 1502 | 5.4 | 165 |
| | 2158 | 0.5 | 15 |
| **29** Su | 0333 | 4.4 | 134 |
| | 0952 | 0.2 | 6 |
| | 1605 | 5.7 | 174 |
| | 2258 | 0.2 | 6 |
| **30** M | 0441 | 4.5 | 137 |
| | 1050 | 0.0 | 0 |
| | 1708 | 6.0 | 183 |
| | 2356 | −0.1 | −3 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Sandy Hook, New Jersey, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm | | h m | ft cm | | h m | ft cm |
| **1** Tu | 0544 | 4.7 143 | **16** W | 0020 | 0.5 15 | **1** F ● | 0128 | −0.4 −12 | **16** Sa ○ | 0115 | 0.2 6 |
| | 1149 | −0.1 −3 | | 0618 | 4.1 125 | | 0722 | 5.2 158 | | 0712 | 4.7 143 |
| | 1806 | 6.2 189 | | 1215 | 0.8 24 | | 1330 | −0.2 −6 | | 1320 | 0.4 12 |
| | | | | 1833 | 5.3 162 | | 1939 | 6.1 186 | | 1923 | 5.5 168 |
| **2** W ● | 0052 | −0.3 −9 | **17** Th | 0105 | 0.4 12 | **2** Sa | 0217 | −0.5 −15 | **17** Su | 0154 | 0.0 0 |
| | 0643 | 4.9 149 | | 0701 | 4.3 131 | | 0812 | 5.4 165 | | 0748 | 4.9 149 |
| | 1247 | −0.2 −6 | | 1300 | 0.7 21 | | 1421 | −0.2 −6 | | 1403 | 0.3 9 |
| | 1901 | 6.3 192 | | 1913 | 5.4 165 | | 2026 | 6.0 183 | | 2000 | 5.6 171 |
| **3** Th | 0147 | −0.5 −15 | **18** F ○ | 0147 | 0.3 9 | **3** Su | 0301 | −0.5 −15 | **18** M | 0231 | −0.1 −3 |
| | 0737 | 5.1 155 | | 0740 | 4.4 134 | | 0902 | 5.4 165 | | 0825 | 5.1 155 |
| | 1344 | −0.3 −9 | | 1344 | 0.6 18 | | 1510 | −0.1 −3 | | 1445 | 0.3 9 |
| | 1954 | 6.3 192 | | 1950 | 5.4 165 | | 2113 | 5.7 174 | | 2037 | 5.5 168 |
| **4** F | 0238 | −0.6 −18 | **19** Sa | 0226 | 0.2 6 | **4** M | 0343 | −0.4 −12 | **19** Tu | 0307 | −0.1 −3 |
| | 0831 | 5.2 158 | | 0818 | 4.5 137 | | 0951 | 5.4 165 | | 0903 | 5.3 162 |
| | 1438 | −0.3 −9 | | 1426 | 0.5 15 | | 1556 | 0.1 3 | | 1527 | 0.3 9 |
| | 2046 | 6.1 186 | | 2026 | 5.4 165 | | 2201 | 5.4 165 | | 2118 | 5.3 162 |
| **5** Sa | 0327 | −0.6 −18 | **20** Su | 0303 | 0.1 3 | **5** Tu | 0423 | −0.1 −3 | **20** W | 0342 | −0.1 −3 |
| | 0926 | 5.2 158 | | 0856 | 4.6 140 | | 1039 | 5.3 162 | | 0945 | 5.4 165 |
| | 1530 | −0.1 −3 | | 1505 | 0.5 15 | | 1642 | 0.4 12 | | 1610 | 0.4 12 |
| | 2139 | 5.9 180 | | 2103 | 5.3 162 | | 2248 | 5.0 152 | | 2204 | 5.1 155 |
| **6** Su | 0413 | −0.5 −15 | **21** M | 0338 | 0.1 3 | **6** W | 0501 | 0.2 6 | **21** Th | 0419 | 0.0 0 |
| | 1021 | 5.2 158 | | 0935 | 4.7 143 | | 1127 | 5.2 158 | | 1032 | 5.4 165 |
| | 1620 | 0.1 3 | | 1545 | 0.6 18 | | 1729 | 0.7 21 | | 1657 | 0.5 15 |
| | 2231 | 5.5 168 | | 2142 | 5.2 158 | | 2336 | 4.6 140 | | 2256 | 4.8 146 |
| **7** M | 0458 | −0.2 −6 | **22** Tu | 0412 | 0.1 3 | **7** Th | 0541 | 0.5 15 | **22** F | 0459 | 0.2 6 |
| | 1114 | 5.1 155 | | 1016 | 4.8 146 | | 1213 | 5.0 152 | | 1124 | 5.4 165 |
| | 1710 | 0.4 12 | | 1625 | 0.6 18 | | 1821 | 1.0 30 | | 1754 | 0.7 21 |
| | 2322 | 5.2 158 | | 2226 | 5.0 152 | | | | | 2354 | 4.6 140 |
| **8** Tu | 0543 | 0.0 0 | **23** W | 0447 | 0.1 3 | **8** F ◐ | 0024 | 4.3 131 | **23** Sa ◑ | 0550 | 0.4 12 |
| | 1205 | 5.1 155 | | 1102 | 4.9 149 | | 0625 | 0.9 27 | | 1221 | 5.4 165 |
| | 1804 | 0.7 21 | | 1711 | 0.8 24 | | 1258 | 4.9 149 | | 1906 | 0.9 27 |
| | | | | 2315 | 4.9 149 | | 1922 | 1.2 37 | | | |
| **9** W ◐ | 0012 | 4.8 146 | **24** Th | 0526 | 0.2 6 | **9** Sa | 0113 | 4.0 122 | **24** Su | 0055 | 4.4 134 |
| | 0631 | 0.4 12 | | 1150 | 5.1 155 | | 0719 | 1.2 37 | | 0657 | 0.7 21 |
| | 1253 | 5.0 152 | | 1808 | 0.9 27 | | 1346 | 4.8 146 | | 1322 | 5.4 165 |
| | 1904 | 1.0 30 | | | | | 2025 | 1.3 40 | | 2023 | 0.9 27 |
| **10** Th | 0100 | 4.5 137 | **25** F ◑ | 0008 | 4.7 143 | **10** Su | 0206 | 3.8 116 | **25** M | 0200 | 4.3 131 |
| | 0721 | 0.6 18 | | 0613 | 0.3 9 | | 0821 | 1.3 40 | | 0816 | 0.7 21 |
| | 1340 | 5.0 152 | | 1242 | 5.2 158 | | 1437 | 4.7 143 | | 1428 | 5.3 162 |
| | 2006 | 1.1 34 | | 1920 | 0.9 27 | | 2125 | 1.2 37 | | 2132 | 0.7 21 |
| **11** F | 0149 | 4.2 128 | **26** Sa | 0106 | 4.5 137 | **11** M | 0303 | 3.8 116 | **26** Tu | 0310 | 4.3 131 |
| | 0814 | 0.8 24 | | 0716 | 0.5 15 | | 0920 | 1.3 40 | | 0928 | 0.6 18 |
| | 1428 | 4.9 149 | | 1338 | 5.3 162 | | 1532 | 4.7 143 | | 1537 | 5.4 165 |
| | 2106 | 1.1 34 | | 2036 | 0.8 24 | | 2217 | 1.1 34 | | 2232 | 0.4 12 |
| **12** Sa | 0242 | 3.9 119 | **27** Su | 0208 | 4.3 131 | **12** Tu | 0404 | 3.8 116 | **27** W | 0419 | 4.6 140 |
| | 0905 | 0.9 27 | | 0827 | 0.5 15 | | 1013 | 1.2 37 | | 1031 | 0.4 12 |
| | 1518 | 4.9 149 | | 1440 | 5.4 165 | | 1629 | 4.8 146 | | 1644 | 5.6 171 |
| | 2159 | 1.0 30 | | 2144 | 0.6 18 | | 2305 | 0.9 27 | | 2327 | 0.1 3 |
| **13** Su | 0339 | 3.8 116 | **28** M | 0317 | 4.3 131 | **13** W | 0501 | 4.0 122 | **28** Th | 0521 | 4.9 149 |
| | 0954 | 1.0 30 | | 0935 | 0.4 12 | | 1102 | 1.0 30 | | 1128 | 0.1 3 |
| | 1611 | 4.9 149 | | 1548 | 5.6 171 | | 1721 | 5.0 152 | | 1742 | 5.8 177 |
| | 2248 | 0.8 24 | | 2245 | 0.3 9 | | 2350 | 0.6 18 | | | |
| **14** M | 0437 | 3.9 119 | **29** Tu | 0428 | 4.4 134 | **14** Th | 0550 | 4.2 128 | **29** F | 0017 | −0.1 −3 |
| | 1041 | 0.9 27 | | 1038 | 0.2 6 | | 1150 | 0.8 24 | | 0616 | 5.2 158 |
| | 1702 | 5.0 152 | | 1654 | 5.8 177 | | 1806 | 5.3 162 | | 1222 | 0.0 0 |
| | 2335 | 0.7 21 | | 2342 | 0.0 0 | | | | | 1833 | 5.9 180 |
| **15** Tu | 0531 | 4.0 122 | **30** W | 0533 | 4.7 143 | **15** F | 0033 | 0.4 12 | **30** Sa ● | 0105 | −0.3 −9 |
| | 1128 | 0.9 27 | | 1138 | 0.0 0 | | 0633 | 4.5 137 | | 0704 | 5.5 168 |
| | 1750 | 5.1 155 | | 1755 | 6.0 183 | | 1235 | 0.6 18 | | 1314 | −0.1 −3 |
| | | | | | | | 1846 | 5.4 165 | | 1919 | 5.9 180 |
| | | | **31** Th | 0037 | −0.2 −6 | | | | **31** Su | 0149 | −0.4 −12 |
| | | | | 0630 | 5.0 152 | | | | | 0749 | 5.7 174 |
| | | | | 1235 | −0.1 −3 | | | | | 1402 | −0.1 −3 |
| | | | | 1849 | 6.1 186 | | | | | 2002 | 5.8 177 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** M | 0230 | −0.3 −9 | **16** Tu | 0156 | −0.2 −6 |
| | 0833 | 5.7 174 | | 0754 | 5.7 174 |
| | 1447 | 0.0 0 | | 1425 | 0.0 0 |
| | 2045 | 5.5 168 | | 2013 | 5.5 168 |
| **2** Tu | 0309 | −0.2 −6 | **17** W | 0235 | −0.2 −6 |
| | 0916 | 5.6 171 | | 0834 | 5.8 177 |
| | 1530 | 0.2 6 | | 1510 | 0.0 0 |
| | 2128 | 5.2 158 | | 2057 | 5.3 162 |
| **3** W | 0345 | 0.1 3 | **18** Th | 0314 | −0.2 −6 |
| | 0959 | 5.4 165 | | 0918 | 5.8 177 |
| | 1612 | 0.4 12 | | 1556 | 0.1 3 |
| | 2213 | 4.8 146 | | 2147 | 5.0 152 |
| **4** Th | 0419 | 0.4 12 | **19** F | 0356 | 0.0 0 |
| | 1043 | 5.2 158 | | 1008 | 5.8 177 |
| | 1654 | 0.7 21 | | 1646 | 0.3 9 |
| | 2300 | 4.4 134 | | 2244 | 4.7 143 |
| **5** F | 0454 | 0.8 24 | **20** Sa | 0442 | 0.3 9 |
| | 1128 | 5.0 152 | | 1105 | 5.6 171 |
| | 1740 | 1.0 30 | | 1744 | 0.6 18 |
| | 2349 | 4.1 125 | | 2346 | 4.5 137 |
| **6** Sa | 0532 | 1.1 34 | **21** Su | 0537 | 0.6 18 |
| | 1215 | 4.8 146 | | 1208 | 5.4 165 |
| | 1835 | 1.3 40 | | 1855 | 0.8 24 |
| **7** Su ◐ | 0039 | 3.9 119 | **22** M ◑ | 0050 | 4.4 134 |
| | 0623 | 1.4 43 | | 0650 | 0.8 24 |
| | 1303 | 4.6 140 | | 1312 | 5.3 162 |
| | 1941 | 1.4 43 | | 2011 | 0.8 24 |
| **8** M | 0133 | 3.8 116 | **23** Tu | 0156 | 4.4 134 |
| | 0733 | 1.6 49 | | 0810 | 0.9 27 |
| | 1356 | 4.6 140 | | 1419 | 5.2 158 |
| | 2046 | 1.4 43 | | 2119 | 0.6 18 |
| **9** Tu | 0229 | 3.7 113 | **24** W | 0302 | 4.5 137 |
| | 0845 | 1.5 46 | | 0921 | 0.7 21 |
| | 1453 | 4.6 140 | | 1525 | 5.3 162 |
| | 2143 | 1.2 37 | | 2216 | 0.3 9 |
| **10** W | 0329 | 3.9 119 | **25** Th | 0407 | 4.8 146 |
| | 0944 | 1.3 40 | | 1022 | 0.5 15 |
| | 1551 | 4.7 143 | | 1628 | 5.4 165 |
| | 2231 | 0.9 27 | | 2306 | 0.1 3 |
| **11** Th | 0426 | 4.1 125 | **26** F | 0506 | 5.1 155 |
| | 1035 | 1.0 30 | | 1116 | 0.2 6 |
| | 1645 | 4.9 149 | | 1724 | 5.5 168 |
| | 2315 | 0.7 21 | | 2353 | −0.1 −3 |
| **12** F | 0516 | 4.4 134 | **27** Sa | 0557 | 5.4 165 |
| | 1122 | 0.8 24 | | 1207 | 0.1 3 |
| | 1732 | 5.2 158 | | 1812 | 5.5 168 |
| | 2357 | 0.4 12 | | | |
| **13** Sa | 0600 | 4.8 146 | **28** Su | 0036 | −0.2 −6 |
| | 1209 | 0.5 15 | | 0642 | 5.7 174 |
| | 1814 | 5.4 165 | | 1255 | 0.0 0 |
| | | | | 1855 | 5.5 168 |
| **14** Su | 0037 | 0.1 3 | **29** M ● | 0117 | −0.2 −6 |
| | 0639 | 5.1 155 | | 0723 | 5.8 177 |
| | 1254 | 0.3 9 | | 1340 | 0.0 0 |
| | 1853 | 5.5 168 | | 1936 | 5.4 165 |
| **15** M ○ | 0117 | −0.1 −3 | **30** Tu | 0156 | −0.1 −3 |
| | 0716 | 5.5 168 | | 0803 | 5.8 177 |
| | 1340 | 0.1 3 | | 1424 | 0.0 0 |
| | 1932 | 5.6 171 | | 2016 | 5.1 155 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Sandy Hook, New Jersey, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0233 | 0.1 | 3 |
| | 0841 | 5.7 | 174 |
| | 1504 | 0.2 | 6 |
| | 2057 | 4.8 | 146 |
| **2** Th | 0308 | 0.3 | 9 |
| | 0920 | 5.5 | 168 |
| | 1544 | 0.4 | 12 |
| | 2140 | 4.5 | 137 |
| **3** F | 0342 | 0.6 | 18 |
| | 1000 | 5.2 | 158 |
| | 1623 | 0.6 | 18 |
| | 2226 | 4.2 | 128 |
| **4** Sa | 0415 | 0.9 | 27 |
| | 1044 | 4.9 | 149 |
| | 1705 | 0.9 | 27 |
| | 2315 | 4.0 | 122 |
| **5** Su | 0451 | 1.2 | 37 |
| | 1132 | 4.7 | 143 |
| | 1753 | 1.2 | 37 |
| **6** M | 0007 | 3.8 | 116 |
| | 0536 | 1.5 | 46 |
| | 1222 | 4.5 | 137 |
| | 1854 | 1.3 | 40 |
| **7** Tu ◐ | 0100 | 3.7 | 113 |
| | 0643 | 1.6 | 49 |
| | 1315 | 4.5 | 137 |
| | 2002 | 1.3 | 40 |
| **8** W | 0154 | 3.8 | 116 |
| | 0804 | 1.6 | 49 |
| | 1410 | 4.5 | 137 |
| | 2101 | 1.1 | 34 |
| **9** Th | 0250 | 3.9 | 119 |
| | 0910 | 1.4 | 43 |
| | 1506 | 4.6 | 140 |
| | 2151 | 0.9 | 27 |
| **10** F | 0345 | 4.2 | 128 |
| | 1004 | 1.0 | 30 |
| | 1601 | 4.8 | 146 |
| | 2234 | 0.5 | 15 |
| **11** Sa | 0436 | 4.6 | 140 |
| | 1053 | 0.7 | 21 |
| | 1652 | 5.0 | 152 |
| | 2316 | 0.2 | 6 |
| **12** Su | 0522 | 5.0 | 152 |
| | 1141 | 0.4 | 12 |
| | 1739 | 5.2 | 158 |
| | 2357 | 0.0 | 0 |
| **13** M | 0604 | 5.5 | 168 |
| | 1229 | 0.1 | 3 |
| | 1823 | 5.3 | 162 |
| **14** Tu ○ | 0039 | −0.2 | −6 |
| | 0645 | 5.9 | 180 |
| | 1317 | −0.2 | −6 |
| | 1907 | 5.4 | 165 |
| **15** W | 0122 | −0.3 | −9 |
| | 0726 | 6.1 | 186 |
| | 1405 | −0.3 | −9 |
| | 1952 | 5.3 | 162 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0206 | −0.4 | −12 |
| | 0809 | 6.2 | 189 |
| | 1454 | −0.3 | −9 |
| | 2040 | 5.1 | 155 |
| **17** F | 0252 | −0.3 | −9 |
| | 0857 | 6.1 | 186 |
| | 1544 | −0.2 | −6 |
| | 2134 | 4.9 | 149 |
| **18** Sa | 0339 | −0.1 | −3 |
| | 0952 | 5.9 | 180 |
| | 1636 | 0.0 | 0 |
| | 2235 | 4.7 | 143 |
| **19** Su | 0431 | 0.2 | 6 |
| | 1053 | 5.6 | 171 |
| | 1734 | 0.3 | 9 |
| | 2339 | 4.5 | 137 |
| **20** M | 0531 | 0.5 | 15 |
| | 1158 | 5.4 | 165 |
| | 1842 | 0.5 | 15 |
| **21** Tu ◑ | 0043 | 4.4 | 134 |
| | 0643 | 0.7 | 21 |
| | 1302 | 5.2 | 158 |
| | 1953 | 0.5 | 15 |
| **22** W | 0146 | 4.5 | 137 |
| | 0800 | 0.8 | 24 |
| | 1404 | 5.1 | 155 |
| | 2058 | 0.4 | 12 |
| **23** Th | 0249 | 4.6 | 140 |
| | 0909 | 0.7 | 21 |
| | 1506 | 5.0 | 152 |
| | 2152 | 0.2 | 6 |
| **24** F | 0349 | 4.9 | 149 |
| | 1008 | 0.5 | 15 |
| | 1605 | 5.0 | 152 |
| | 2240 | 0.0 | 0 |
| **25** Sa | 0444 | 5.2 | 158 |
| | 1100 | 0.3 | 9 |
| | 1659 | 5.0 | 152 |
| | 2323 | −0.1 | −3 |
| **26** Su | 0533 | 5.4 | 165 |
| | 1148 | 0.1 | 3 |
| | 1747 | 5.0 | 152 |
| **27** M | 0004 | −0.1 | −3 |
| | 0617 | 5.6 | 171 |
| | 1234 | 0.0 | 0 |
| | 1831 | 4.9 | 149 |
| **28** Tu ● | 0044 | 0.0 | 0 |
| | 0656 | 5.7 | 174 |
| | 1318 | 0.0 | 0 |
| | 1912 | 4.8 | 146 |
| **29** W | 0122 | 0.1 | 3 |
| | 0733 | 5.7 | 174 |
| | 1400 | 0.0 | 0 |
| | 1951 | 4.7 | 143 |
| **30** Th | 0200 | 0.2 | 6 |
| | 0810 | 5.5 | 168 |
| | 1440 | 0.1 | 3 |
| | 2031 | 4.5 | 137 |
| **31** F | 0237 | 0.4 | 12 |
| | 0846 | 5.3 | 162 |
| | 1519 | 0.2 | 6 |
| | 2112 | 4.2 | 128 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0312 | 0.6 | 18 |
| | 0924 | 5.1 | 155 |
| | 1558 | 0.4 | 12 |
| | 2156 | 4.0 | 122 |
| **2** Su | 0347 | 0.9 | 27 |
| | 1006 | 4.8 | 146 |
| | 1637 | 0.7 | 21 |
| | 2245 | 3.8 | 116 |
| **3** M | 0423 | 1.1 | 34 |
| | 1052 | 4.6 | 140 |
| | 1720 | 0.9 | 27 |
| | 2335 | 3.7 | 113 |
| **4** Tu | 0504 | 1.3 | 40 |
| | 1142 | 4.5 | 137 |
| | 1810 | 1.0 | 30 |
| **5** W ◐ | 0026 | 3.7 | 113 |
| | 0559 | 1.4 | 43 |
| | 1233 | 4.4 | 134 |
| | 1910 | 1.0 | 30 |
| **6** Th | 0116 | 3.8 | 116 |
| | 0715 | 1.4 | 43 |
| | 1325 | 4.4 | 134 |
| | 2010 | 0.9 | 27 |
| **7** F | 0206 | 4.0 | 122 |
| | 0829 | 1.3 | 40 |
| | 1418 | 4.4 | 134 |
| | 2103 | 0.7 | 21 |
| **8** Sa | 0258 | 4.3 | 131 |
| | 0929 | 0.9 | 27 |
| | 1513 | 4.5 | 137 |
| | 2149 | 0.4 | 12 |
| **9** Su | 0350 | 4.7 | 143 |
| | 1023 | 0.6 | 18 |
| | 1609 | 4.6 | 140 |
| | 2234 | 0.1 | 3 |
| **10** M | 0441 | 5.2 | 158 |
| | 1114 | 0.2 | 6 |
| | 1704 | 4.8 | 146 |
| | 2319 | −0.2 | −6 |
| **11** Tu | 0530 | 5.6 | 171 |
| | 1205 | −0.1 | −3 |
| | 1755 | 4.9 | 149 |
| **12** W | 0005 | −0.4 | −12 |
| | 0617 | 6.0 | 183 |
| | 1256 | −0.4 | −12 |
| | 1845 | 5.0 | 152 |
| **13** Th ○ | 0054 | −0.5 | −15 |
| | 0703 | 6.2 | 189 |
| | 1348 | −0.6 | −18 |
| | 1935 | 5.0 | 152 |
| **14** F | 0144 | −0.5 | −15 |
| | 0752 | 6.2 | 189 |
| | 1440 | −0.6 | −18 |
| | 2027 | 4.9 | 149 |
| **15** Sa | 0236 | −0.5 | −15 |
| | 0843 | 6.1 | 186 |
| | 1532 | −0.6 | −18 |
| | 2123 | 4.8 | 146 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0328 | −0.3 | −9 |
| | 0940 | 5.9 | 180 |
| | 1624 | −0.4 | −12 |
| | 2225 | 4.6 | 140 |
| **17** M | 0422 | −0.1 | −3 |
| | 1042 | 5.6 | 171 |
| | 1720 | −0.2 | −6 |
| | 2328 | 4.6 | 140 |
| **18** Tu | 0521 | 0.2 | 6 |
| | 1144 | 5.3 | 162 |
| | 1821 | 0.0 | 0 |
| **19** W ◑ | 0029 | 4.5 | 137 |
| | 0628 | 0.5 | 15 |
| | 1244 | 5.0 | 152 |
| | 1925 | 0.1 | 3 |
| **20** Th | 0128 | 4.6 | 140 |
| | 0740 | 0.6 | 18 |
| | 1341 | 4.8 | 146 |
| | 2027 | 0.1 | 3 |
| **21** F | 0226 | 4.7 | 143 |
| | 0849 | 0.6 | 18 |
| | 1438 | 4.6 | 140 |
| | 2120 | 0.1 | 3 |
| **22** Sa | 0322 | 4.8 | 146 |
| | 0947 | 0.5 | 15 |
| | 1535 | 4.4 | 134 |
| | 2208 | 0.0 | 0 |
| **23** Su | 0416 | 5.0 | 152 |
| | 1039 | 0.3 | 9 |
| | 1630 | 4.4 | 134 |
| | 2251 | 0.0 | 0 |
| **24** M | 0505 | 5.2 | 158 |
| | 1127 | 0.2 | 6 |
| | 1720 | 4.3 | 131 |
| | 2332 | 0.0 | 0 |
| **25** Tu | 0549 | 5.3 | 162 |
| | 1212 | 0.1 | 3 |
| | 1807 | 4.3 | 131 |
| **26** W | 0012 | 0.1 | 3 |
| | 0630 | 5.4 | 165 |
| | 1255 | 0.0 | 0 |
| | 1850 | 4.3 | 131 |
| **27** Th ● | 0053 | 0.2 | 6 |
| | 0708 | 5.4 | 165 |
| | 1338 | 0.0 | 0 |
| | 1930 | 4.3 | 131 |
| **28** F | 0133 | 0.3 | 9 |
| | 0745 | 5.3 | 162 |
| | 1419 | 0.0 | 0 |
| | 2010 | 4.1 | 125 |
| **29** Sa | 0213 | 0.4 | 12 |
| | 0822 | 5.1 | 155 |
| | 1458 | 0.1 | 3 |
| | 2050 | 4.0 | 122 |
| **30** Su | 0251 | 0.5 | 15 |
| | 0859 | 4.9 | 149 |
| | 1536 | 0.2 | 6 |
| | 2132 | 3.9 | 119 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0327 | 0.6 | 18 |
| | 0938 | 4.8 | 146 |
| | 1613 | 0.3 | 9 |
| | 2215 | 3.7 | 113 |
| **2** Tu | 0404 | 0.7 | 21 |
| | 1020 | 4.6 | 140 |
| | 1651 | 0.4 | 12 |
| | 2301 | 3.7 | 113 |
| **3** W | 0441 | 0.9 | 27 |
| | 1104 | 4.5 | 137 |
| | 1731 | 0.5 | 15 |
| | 2347 | 3.7 | 113 |
| **4** Th | 0526 | 1.0 | 30 |
| | 1151 | 4.4 | 134 |
| | 1816 | 0.6 | 18 |
| **5** F ◐ | 0033 | 3.9 | 119 |
| | 0627 | 1.1 | 34 |
| | 1240 | 4.3 | 131 |
| | 1910 | 0.5 | 15 |
| **6** Sa | 0121 | 4.1 | 125 |
| | 0743 | 1.0 | 30 |
| | 1332 | 4.2 | 128 |
| | 2007 | 0.4 | 12 |
| **7** Su | 0211 | 4.4 | 134 |
| | 0853 | 0.8 | 24 |
| | 1428 | 4.2 | 128 |
| | 2102 | 0.2 | 6 |
| **8** M | 0306 | 4.7 | 143 |
| | 0954 | 0.4 | 12 |
| | 1530 | 4.2 | 128 |
| | 2155 | −0.1 | −3 |
| **9** Tu | 0403 | 5.1 | 155 |
| | 1050 | 0.1 | 3 |
| | 1632 | 4.3 | 131 |
| | 2246 | −0.3 | −9 |
| **10** W | 0500 | 5.5 | 168 |
| | 1144 | −0.3 | −9 |
| | 1732 | 4.5 | 137 |
| | 2339 | −0.5 | −15 |
| **11** Th | 0555 | 5.8 | 177 |
| | 1239 | −0.6 | −18 |
| | 1828 | 4.7 | 143 |
| **12** F ○ | 0034 | −0.6 | −18 |
| | 0647 | 6.1 | 186 |
| | 1334 | −0.8 | −24 |
| | 1921 | 4.8 | 146 |
| **13** Sa | 0129 | −0.7 | −21 |
| | 0739 | 6.1 | 186 |
| | 1427 | −0.9 | −27 |
| | 2015 | 4.8 | 146 |
| **14** Su | 0224 | −0.7 | −21 |
| | 0833 | 6.0 | 183 |
| | 1518 | −0.9 | −27 |
| | 2111 | 4.8 | 146 |
| **15** M | 0317 | −0.6 | −18 |
| | 0928 | 5.8 | 177 |
| | 1609 | −0.8 | −24 |
| | 2210 | 4.7 | 143 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0410 | −0.4 | −12 |
| | 1026 | 5.5 | 168 |
| | 1659 | −0.6 | −18 |
| | 2309 | 4.7 | 143 |
| **17** W | 0505 | −0.1 | −3 |
| | 1123 | 5.2 | 158 |
| | 1752 | −0.4 | −12 |
| **18** Th | 0006 | 4.7 | 143 |
| | 0605 | 0.2 | 6 |
| | 1218 | 4.8 | 146 |
| | 1848 | −0.1 | −3 |
| **19** F ◑ | 0101 | 4.6 | 140 |
| | 0712 | 0.5 | 15 |
| | 1311 | 4.5 | 137 |
| | 1945 | 0.0 | 0 |
| **20** Sa | 0154 | 4.6 | 140 |
| | 0819 | 0.6 | 18 |
| | 1404 | 4.2 | 128 |
| | 2040 | 0.1 | 3 |
| **21** Su | 0247 | 4.6 | 140 |
| | 0920 | 0.5 | 15 |
| | 1500 | 3.9 | 119 |
| | 2131 | 0.2 | 6 |
| **22** M | 0340 | 4.7 | 143 |
| | 1014 | 0.4 | 12 |
| | 1557 | 3.8 | 116 |
| | 2217 | 0.2 | 6 |
| **23** Tu | 0432 | 4.8 | 146 |
| | 1102 | 0.3 | 9 |
| | 1653 | 3.8 | 116 |
| | 2301 | 0.3 | 9 |
| **24** W | 0521 | 4.9 | 149 |
| | 1148 | 0.2 | 6 |
| | 1744 | 3.8 | 116 |
| | 2345 | 0.3 | 9 |
| **25** Th | 0605 | 4.9 | 149 |
| | 1233 | 0.0 | 0 |
| | 1829 | 3.9 | 119 |
| **26** F | 0028 | 0.2 | 6 |
| | 0646 | 5.0 | 152 |
| | 1316 | −0.1 | −3 |
| | 1911 | 4.0 | 122 |
| **27** Sa ● | 0111 | 0.2 | 6 |
| | 0725 | 5.0 | 152 |
| | 1357 | −0.1 | −3 |
| | 1951 | 4.0 | 122 |
| **28** Su | 0153 | 0.2 | 6 |
| | 0802 | 5.0 | 152 |
| | 1437 | −0.1 | −3 |
| | 2029 | 4.0 | 122 |
| **29** M | 0233 | 0.2 | 6 |
| | 0839 | 4.9 | 149 |
| | 1514 | −0.1 | −3 |
| | 2107 | 3.9 | 119 |
| **30** Tu | 0310 | 0.3 | 9 |
| | 0915 | 4.8 | 146 |
| | 1549 | −0.1 | −3 |
| | 2146 | 3.9 | 119 |
| **31** W | 0346 | 0.4 | 12 |
| | 0951 | 4.7 | 143 |
| | 1622 | 0.0 | 0 |
| | 2225 | 3.9 | 119 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Atlantic City, New Jersey, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0151 | 3.5 | 107 |
| | 0803 | 0.7 | 21 |
| | 1356 | 3.0 | 91 |
| | 2012 | 0.4 | 12 |
| **2** W | 0243 | 3.6 | 110 |
| | 0903 | 0.7 | 21 |
| | 1452 | 2.9 | 88 |
| | 2100 | 0.4 | 12 |
| **3** Th | 0333 | 3.8 | 116 |
| | 0958 | 0.6 | 18 |
| | 1547 | 2.8 | 85 |
| | 2146 | 0.4 | 12 |
| **4** F | 0421 | 4.0 | 122 |
| | 1049 | 0.4 | 12 |
| | 1638 | 2.9 | 88 |
| | 2231 | 0.3 | 9 |
| **5** Sa | 0506 | 4.1 | 125 |
| | 1135 | 0.3 | 9 |
| | 1725 | 2.9 | 88 |
| | 2314 | 0.2 | 6 |
| **6** Su | 0548 | 4.3 | 131 |
| | 1217 | 0.1 | 3 |
| | 1808 | 3.0 | 91 |
| | 2355 | 0.1 | 3 |
| **7** M | 0629 | 4.5 | 137 |
| | 1257 | 0.0 | 0 |
| | 1849 | 3.1 | 94 |
| **8** Tu ● | 0036 | 0.0 | 0 |
| | 0708 | 4.6 | 140 |
| | 1335 | −0.1 | −3 |
| | 1928 | 3.2 | 98 |
| **9** W | 0116 | −0.1 | −3 |
| | 0745 | 4.6 | 140 |
| | 1412 | −0.2 | −6 |
| | 2006 | 3.3 | 101 |
| **10** Th | 0156 | −0.1 | −3 |
| | 0822 | 4.6 | 140 |
| | 1449 | −0.3 | −9 |
| | 2045 | 3.4 | 104 |
| **11** F | 0239 | −0.1 | −3 |
| | 0900 | 4.5 | 137 |
| | 1527 | −0.3 | −9 |
| | 2125 | 3.5 | 107 |
| **12** Sa | 0324 | −0.1 | −3 |
| | 0940 | 4.4 | 134 |
| | 1606 | −0.3 | −9 |
| | 2209 | 3.6 | 110 |
| **13** Su | 0414 | 0.0 | 0 |
| | 1023 | 4.1 | 125 |
| | 1649 | −0.3 | −9 |
| | 2258 | 3.7 | 113 |
| **14** M | 0510 | 0.2 | 6 |
| | 1112 | 3.8 | 116 |
| | 1736 | −0.3 | −9 |
| | 2353 | 3.8 | 116 |
| **15** Tu ◐ | 0614 | 0.2 | 6 |
| | 1208 | 3.6 | 110 |
| | 1829 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0055 | 4.0 | 122 |
| | 0725 | 0.3 | 9 |
| | 1314 | 3.3 | 101 |
| | 1928 | −0.2 | −6 |
| **17** Th | 0202 | 4.2 | 128 |
| | 0837 | 0.2 | 6 |
| | 1427 | 3.2 | 98 |
| | 2031 | −0.2 | −6 |
| **18** F | 0310 | 4.4 | 134 |
| | 0946 | 0.0 | 0 |
| | 1539 | 3.2 | 98 |
| | 2136 | −0.3 | −9 |
| **19** Sa | 0415 | 4.6 | 140 |
| | 1050 | −0.2 | −6 |
| | 1645 | 3.3 | 101 |
| | 2237 | −0.4 | −12 |
| **20** Su | 0514 | 4.8 | 146 |
| | 1147 | −0.4 | −12 |
| | 1744 | 3.5 | 107 |
| | 2335 | −0.6 | −18 |
| **21** M | 0608 | 5.0 | 152 |
| | 1239 | −0.6 | −18 |
| | 1837 | 3.6 | 110 |
| **22** Tu ○ | 0030 | −0.7 | −21 |
| | 0658 | 5.1 | 155 |
| | 1328 | −0.7 | −21 |
| | 1927 | 3.8 | 116 |
| **23** W | 0121 | −0.7 | −21 |
| | 0745 | 5.0 | 152 |
| | 1414 | −0.7 | −21 |
| | 2015 | 3.9 | 119 |
| **24** Th | 0211 | −0.6 | −18 |
| | 0830 | 4.8 | 146 |
| | 1458 | −0.7 | −21 |
| | 2100 | 3.9 | 119 |
| **25** F | 0258 | −0.4 | −12 |
| | 0912 | 4.5 | 137 |
| | 1540 | −0.5 | −15 |
| | 2144 | 3.8 | 116 |
| **26** Sa | 0345 | −0.2 | −6 |
| | 0954 | 4.2 | 128 |
| | 1620 | −0.3 | −9 |
| | 2228 | 3.7 | 113 |
| **27** Su | 0433 | 0.1 | 3 |
| | 1035 | 3.8 | 116 |
| | 1700 | 0.0 | 0 |
| | 2313 | 3.6 | 110 |
| **28** M | 0523 | 0.3 | 9 |
| | 1118 | 3.4 | 104 |
| | 1741 | 0.2 | 6 |
| **29** Tu | 0000 | 3.6 | 110 |
| | 0616 | 0.6 | 18 |
| | 1205 | 3.1 | 94 |
| | 1824 | 0.4 | 12 |
| **30** W ◑ | 0052 | 3.5 | 107 |
| | 0716 | 0.7 | 21 |
| | 1300 | 2.8 | 85 |
| | 1912 | 0.6 | 18 |
| **31** Th | 0149 | 3.5 | 107 |
| | 0819 | 0.8 | 24 |
| | 1402 | 2.6 | 79 |
| | 2005 | 0.6 | 18 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0248 | 3.6 | 110 |
| | 0921 | 0.7 | 21 |
| | 1507 | 2.6 | 79 |
| | 2101 | 0.6 | 18 |
| **2** Sa | 0344 | 3.7 | 113 |
| | 1017 | 0.6 | 18 |
| | 1606 | 2.6 | 79 |
| | 2155 | 0.5 | 15 |
| **3** Su | 0435 | 4.0 | 122 |
| | 1106 | 0.4 | 12 |
| | 1658 | 2.8 | 85 |
| | 2245 | 0.3 | 9 |
| **4** M | 0521 | 4.2 | 128 |
| | 1149 | 0.2 | 6 |
| | 1743 | 3.0 | 91 |
| | 2331 | 0.1 | 3 |
| **5** Tu | 0604 | 4.4 | 134 |
| | 1228 | 0.0 | 0 |
| | 1825 | 3.2 | 98 |
| **6** W ● | 0015 | −0.1 | −3 |
| | 0644 | 4.6 | 140 |
| | 1306 | −0.3 | −9 |
| | 1904 | 3.5 | 107 |
| **7** Th | 0058 | −0.3 | −9 |
| | 0722 | 4.7 | 143 |
| | 1342 | −0.4 | −12 |
| | 1943 | 3.7 | 113 |
| **8** F | 0141 | −0.4 | −12 |
| | 0800 | 4.7 | 143 |
| | 1419 | −0.5 | −15 |
| | 2022 | 3.9 | 119 |
| **9** Sa | 0225 | −0.4 | −12 |
| | 0839 | 4.6 | 140 |
| | 1457 | −0.6 | −18 |
| | 2102 | 4.1 | 125 |
| **10** Su | 0312 | −0.4 | −12 |
| | 0919 | 4.4 | 134 |
| | 1536 | −0.6 | −18 |
| | 2146 | 4.2 | 128 |
| **11** M | 0402 | −0.2 | −6 |
| | 1004 | 4.1 | 125 |
| | 1619 | −0.5 | −15 |
| | 2234 | 4.2 | 128 |
| **12** Tu | 0458 | −0.1 | −3 |
| | 1053 | 3.7 | 113 |
| | 1708 | −0.3 | −9 |
| | 2329 | 4.2 | 128 |
| **13** W ◐ | 0601 | 0.1 | 3 |
| | 1151 | 3.4 | 104 |
| | 1803 | −0.1 | −3 |
| **14** Th | 0032 | 4.2 | 128 |
| | 0712 | 0.3 | 9 |
| | 1301 | 3.1 | 94 |
| | 1907 | 0.0 | 0 |
| **15** F | 0145 | 4.2 | 128 |
| | 0826 | 0.3 | 9 |
| | 1419 | 3.0 | 91 |
| | 2017 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0259 | 4.3 | 131 |
| | 0937 | 0.1 | 3 |
| | 1535 | 3.1 | 94 |
| | 2127 | 0.0 | 0 |
| **17** Su | 0406 | 4.4 | 134 |
| | 1040 | −0.1 | −3 |
| | 1640 | 3.3 | 101 |
| | 2231 | −0.2 | −6 |
| **18** M | 0505 | 4.6 | 140 |
| | 1134 | −0.3 | −9 |
| | 1736 | 3.6 | 110 |
| | 2328 | −0.4 | −12 |
| **19** Tu | 0557 | 4.8 | 146 |
| | 1223 | −0.5 | −15 |
| | 1825 | 3.8 | 116 |
| **20** W ○ | 0020 | −0.5 | −15 |
| | 0644 | 4.8 | 146 |
| | 1307 | −0.6 | −18 |
| | 1910 | 4.0 | 122 |
| **21** Th | 0108 | −0.5 | −15 |
| | 0726 | 4.7 | 143 |
| | 1348 | −0.6 | −18 |
| | 1952 | 4.1 | 125 |
| **22** F | 0153 | −0.5 | −15 |
| | 0806 | 4.6 | 140 |
| | 1426 | −0.5 | −15 |
| | 2031 | 4.2 | 128 |
| **23** Sa | 0236 | −0.4 | −12 |
| | 0844 | 4.3 | 131 |
| | 1502 | −0.3 | −9 |
| | 2109 | 4.1 | 125 |
| **24** Su | 0319 | −0.2 | −6 |
| | 0921 | 4.0 | 122 |
| | 1537 | −0.1 | −3 |
| | 2147 | 4.0 | 122 |
| **25** M | 0401 | 0.1 | 3 |
| | 0958 | 3.7 | 113 |
| | 1611 | 0.1 | 3 |
| | 2226 | 3.9 | 119 |
| **26** Tu | 0445 | 0.3 | 9 |
| | 1036 | 3.3 | 101 |
| | 1646 | 0.4 | 12 |
| | 2307 | 3.8 | 116 |
| **27** W | 0533 | 0.6 | 18 |
| | 1119 | 3.0 | 91 |
| | 1725 | 0.6 | 18 |
| | 2355 | 3.6 | 110 |
| **28** Th ◑ | 0628 | 0.8 | 24 |
| | 1209 | 2.8 | 85 |
| | 1812 | 0.8 | 24 |
| **29** F | 0053 | 3.6 | 110 |
| | 0731 | 0.9 | 27 |
| | 1313 | 2.6 | 79 |
| | 1910 | 0.8 | 24 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0158 | 3.6 | 110 |
| | 0837 | 0.9 | 27 |
| | 1425 | 2.6 | 79 |
| | 2016 | 0.8 | 24 |
| **2** Su | 0302 | 3.7 | 113 |
| | 0936 | 0.8 | 24 |
| | 1530 | 2.7 | 82 |
| | 2119 | 0.7 | 21 |
| **3** M | 0358 | 3.9 | 119 |
| | 1027 | 0.5 | 15 |
| | 1625 | 2.9 | 88 |
| | 2215 | 0.4 | 12 |
| **4** Tu | 0448 | 4.2 | 128 |
| | 1111 | 0.3 | 9 |
| | 1712 | 3.3 | 101 |
| | 2305 | 0.1 | 3 |
| **5** W | 0532 | 4.4 | 134 |
| | 1151 | 0.0 | 0 |
| | 1755 | 3.6 | 110 |
| | 2352 | −0.1 | −3 |
| **6** Th | 0614 | 4.6 | 140 |
| | 1229 | −0.3 | −9 |
| | 1835 | 4.0 | 122 |
| **7** F ● | 0038 | −0.4 | −12 |
| | 0654 | 4.7 | 143 |
| | 1307 | −0.5 | −15 |
| | 1915 | 4.3 | 131 |
| **8** Sa | 0123 | −0.5 | −15 |
| | 0735 | 4.7 | 143 |
| | 1346 | −0.6 | −18 |
| | 1956 | 4.6 | 140 |
| **9** Su | 0210 | −0.6 | −18 |
| | 0817 | 4.6 | 140 |
| | 1426 | −0.7 | −21 |
| | 2039 | 4.8 | 146 |
| **10** M | 0259 | −0.5 | −15 |
| | 0901 | 4.3 | 131 |
| | 1509 | −0.6 | −18 |
| | 2124 | 4.8 | 146 |
| **11** Tu | 0351 | −0.4 | −12 |
| | 0949 | 4.0 | 122 |
| | 1555 | −0.4 | −12 |
| | 2214 | 4.7 | 143 |
| **12** W | 0448 | −0.2 | −6 |
| | 1042 | 3.7 | 113 |
| | 1647 | −0.2 | −6 |
| | 2311 | 4.6 | 140 |
| **13** Th | 0552 | 0.1 | 3 |
| | 1144 | 3.4 | 104 |
| | 1746 | 0.1 | 3 |
| **14** F ◐ | 0018 | 4.4 | 134 |
| | 0702 | 0.3 | 9 |
| | 1258 | 3.2 | 98 |
| | 1855 | 0.3 | 9 |
| **15** Sa | 0133 | 4.3 | 131 |
| | 0815 | 0.3 | 9 |
| | 1417 | 3.1 | 94 |
| | 2009 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0248 | 4.3 | 131 |
| | 0923 | 0.2 | 6 |
| | 1529 | 3.3 | 101 |
| | 2120 | 0.2 | 6 |
| **17** M | 0354 | 4.3 | 131 |
| | 1023 | 0.1 | 3 |
| | 1630 | 3.6 | 110 |
| | 2223 | 0.1 | 3 |
| **18** Tu | 0451 | 4.4 | 134 |
| | 1114 | −0.1 | −3 |
| | 1722 | 3.9 | 119 |
| | 2318 | −0.1 | −3 |
| **19** W | 0540 | 4.5 | 137 |
| | 1158 | −0.2 | −6 |
| | 1807 | 4.1 | 125 |
| **20** Th | 0007 | −0.2 | −6 |
| | 0623 | 4.5 | 137 |
| | 1239 | −0.3 | −9 |
| | 1847 | 4.3 | 131 |
| **21** F ○ | 0052 | −0.3 | −9 |
| | 0702 | 4.4 | 134 |
| | 1316 | −0.3 | −9 |
| | 1925 | 4.4 | 134 |
| **22** Sa | 0134 | −0.3 | −9 |
| | 0739 | 4.3 | 131 |
| | 1350 | −0.2 | −6 |
| | 2000 | 4.5 | 137 |
| **23** Su | 0214 | −0.2 | −6 |
| | 0815 | 4.1 | 125 |
| | 1424 | 0.0 | 0 |
| | 2035 | 4.5 | 137 |
| **24** M | 0253 | 0.0 | 0 |
| | 0850 | 3.9 | 119 |
| | 1455 | 0.1 | 3 |
| | 2110 | 4.4 | 134 |
| **25** Tu | 0333 | 0.2 | 6 |
| | 0926 | 3.6 | 110 |
| | 1527 | 0.4 | 12 |
| | 2146 | 4.2 | 128 |
| **26** W | 0413 | 0.4 | 12 |
| | 1003 | 3.3 | 101 |
| | 1600 | 0.6 | 18 |
| | 2225 | 4.1 | 125 |
| **27** Th | 0458 | 0.6 | 18 |
| | 1043 | 3.1 | 94 |
| | 1638 | 0.8 | 24 |
| | 2310 | 3.9 | 119 |
| **28** F | 0548 | 0.8 | 24 |
| | 1131 | 2.8 | 85 |
| | 1724 | 0.9 | 27 |
| **29** Sa ◑ | 0004 | 3.8 | 116 |
| | 0647 | 1.0 | 30 |
| | 1231 | 2.7 | 82 |
| | 1823 | 1.0 | 30 |
| **30** Su | 0107 | 3.7 | 113 |
| | 0749 | 1.0 | 30 |
| | 1342 | 2.7 | 82 |
| | 1932 | 1.0 | 30 |
| **31** M | 0213 | 3.8 | 116 |
| | 0848 | 0.8 | 24 |
| | 1450 | 2.9 | 88 |
| | 2040 | 0.8 | 24 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Atlantic City, New Jersey, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0313 | 3.9 | 119 |
| | 0939 | 0.6 | 18 |
| | 1546 | 3.3 | 101 |
| | 2141 | 0.6 | 18 |
| **2** W | 0406 | 4.1 | 125 |
| | 1025 | 0.3 | 9 |
| | 1635 | 3.7 | 113 |
| | 2236 | 0.2 | 6 |
| **3** Th | 0454 | 4.4 | 134 |
| | 1108 | 0.0 | 0 |
| | 1720 | 4.1 | 125 |
| | 2327 | −0.1 | −3 |
| **4** F | 0540 | 4.5 | 137 |
| | 1149 | −0.3 | −9 |
| | 1804 | 4.6 | 140 |
| **5** Sa ● | 0017 | −0.4 | −12 |
| | 0625 | 4.6 | 140 |
| | 1231 | −0.5 | −15 |
| | 1847 | 5.0 | 152 |
| **6** Su | 0106 | −0.6 | −18 |
| | 0711 | 4.6 | 140 |
| | 1314 | −0.6 | −18 |
| | 1931 | 5.2 | 158 |
| **7** M | 0156 | −0.7 | −21 |
| | 0757 | 4.5 | 137 |
| | 1358 | −0.6 | −18 |
| | 2018 | 5.3 | 162 |
| **8** Tu | 0247 | −0.6 | −18 |
| | 0846 | 4.2 | 128 |
| | 1445 | −0.5 | −15 |
| | 2107 | 5.3 | 162 |
| **9** W | 0341 | −0.4 | −12 |
| | 0938 | 4.0 | 122 |
| | 1536 | −0.3 | −9 |
| | 2200 | 5.1 | 155 |
| **10** Th | 0439 | −0.2 | −6 |
| | 1036 | 3.7 | 113 |
| | 1633 | 0.0 | 0 |
| | 2259 | 4.8 | 146 |
| **11** F | 0543 | 0.1 | 3 |
| | 1141 | 3.5 | 107 |
| | 1736 | 0.3 | 9 |
| **12** Sa ◐ | 0006 | 4.6 | 140 |
| | 0650 | 0.2 | 6 |
| | 1255 | 3.4 | 104 |
| | 1847 | 0.5 | 15 |
| **13** Su | 0118 | 4.3 | 131 |
| | 0758 | 0.3 | 9 |
| | 1408 | 3.4 | 104 |
| | 2000 | 0.5 | 15 |
| **14** M | 0229 | 4.2 | 128 |
| | 0901 | 0.3 | 9 |
| | 1515 | 3.6 | 110 |
| | 2108 | 0.5 | 15 |
| **15** Tu | 0332 | 4.2 | 128 |
| | 0956 | 0.2 | 6 |
| | 1611 | 3.9 | 119 |
| | 2208 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0427 | 4.2 | 128 |
| | 1044 | 0.1 | 3 |
| | 1659 | 4.1 | 125 |
| | 2302 | 0.2 | 6 |
| **17** Th | 0514 | 4.2 | 128 |
| | 1126 | 0.0 | 0 |
| | 1742 | 4.4 | 134 |
| | 2349 | 0.1 | 3 |
| **18** F | 0556 | 4.1 | 125 |
| | 1205 | 0.0 | 0 |
| | 1820 | 4.5 | 137 |
| **19** Sa | 0032 | 0.0 | 0 |
| | 0635 | 4.1 | 125 |
| | 1240 | 0.1 | 3 |
| | 1855 | 4.6 | 140 |
| **20** Su ○ | 0113 | 0.0 | 0 |
| | 0712 | 3.9 | 119 |
| | 1314 | 0.1 | 3 |
| | 1930 | 4.7 | 143 |
| **21** M | 0152 | 0.0 | 0 |
| | 0748 | 3.8 | 116 |
| | 1347 | 0.2 | 6 |
| | 2004 | 4.7 | 143 |
| **22** Tu | 0231 | 0.1 | 3 |
| | 0824 | 3.6 | 110 |
| | 1419 | 0.4 | 12 |
| | 2039 | 4.6 | 140 |
| **23** W | 0309 | 0.3 | 9 |
| | 0901 | 3.4 | 104 |
| | 1452 | 0.5 | 15 |
| | 2116 | 4.5 | 137 |
| **24** Th | 0349 | 0.4 | 12 |
| | 0938 | 3.3 | 101 |
| | 1526 | 0.7 | 21 |
| | 2154 | 4.3 | 131 |
| **25** F | 0431 | 0.6 | 18 |
| | 1018 | 3.1 | 94 |
| | 1605 | 0.8 | 24 |
| | 2237 | 4.2 | 128 |
| **26** Sa | 0518 | 0.8 | 24 |
| | 1105 | 3.0 | 91 |
| | 1652 | 1.0 | 30 |
| | 2326 | 4.0 | 122 |
| **27** Su | 0609 | 0.8 | 24 |
| | 1200 | 2.9 | 88 |
| | 1749 | 1.0 | 30 |
| **28** M ◑ | 0021 | 3.9 | 119 |
| | 0702 | 0.8 | 24 |
| | 1303 | 3.0 | 91 |
| | 1855 | 1.0 | 30 |
| **29** Tu | 0122 | 3.9 | 119 |
| | 0756 | 0.7 | 21 |
| | 1406 | 3.3 | 101 |
| | 2003 | 0.9 | 27 |
| **30** W | 0222 | 4.0 | 122 |
| | 0848 | 0.5 | 15 |
| | 1503 | 3.6 | 110 |
| | 2108 | 0.6 | 18 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0320 | 4.1 | 125 |
| | 0936 | 0.2 | 6 |
| | 1556 | 4.1 | 125 |
| | 2207 | 0.3 | 9 |
| **2** F | 0414 | 4.2 | 128 |
| | 1024 | −0.1 | −3 |
| | 1645 | 4.6 | 140 |
| | 2303 | 0.0 | 0 |
| **3** Sa | 0506 | 4.3 | 131 |
| | 1110 | −0.3 | −9 |
| | 1733 | 5.0 | 152 |
| | 2357 | −0.3 | −9 |
| **4** Su | 0557 | 4.3 | 131 |
| | 1158 | −0.5 | −15 |
| | 1821 | 5.4 | 165 |
| **5** M ● | 0049 | −0.5 | −15 |
| | 0648 | 4.3 | 131 |
| | 1246 | −0.6 | −18 |
| | 1910 | 5.6 | 171 |
| **6** Tu | 0142 | −0.6 | −18 |
| | 0740 | 4.2 | 128 |
| | 1336 | −0.5 | −15 |
| | 2000 | 5.6 | 171 |
| **7** W | 0236 | −0.6 | −18 |
| | 0833 | 4.1 | 125 |
| | 1428 | −0.4 | −12 |
| | 2053 | 5.5 | 168 |
| **8** Th | 0331 | −0.5 | −15 |
| | 0929 | 4.0 | 122 |
| | 1523 | −0.2 | −6 |
| | 2148 | 5.3 | 162 |
| **9** F | 0429 | −0.3 | −9 |
| | 1029 | 3.8 | 116 |
| | 1622 | 0.1 | 3 |
| | 2247 | 5.0 | 152 |
| **10** Sa | 0529 | −0.1 | −3 |
| | 1134 | 3.7 | 113 |
| | 1726 | 0.3 | 9 |
| | 2350 | 4.7 | 143 |
| **11** Su ◐ | 0631 | 0.1 | 3 |
| | 1241 | 3.6 | 110 |
| | 1833 | 0.5 | 15 |
| **12** M | 0056 | 4.4 | 134 |
| | 0731 | 0.2 | 6 |
| | 1347 | 3.7 | 113 |
| | 1942 | 0.6 | 18 |
| **13** Tu | 0200 | 4.1 | 125 |
| | 0828 | 0.3 | 9 |
| | 1449 | 3.9 | 119 |
| | 2047 | 0.6 | 18 |
| **14** W | 0300 | 4.0 | 122 |
| | 0920 | 0.3 | 9 |
| | 1542 | 4.1 | 125 |
| | 2146 | 0.6 | 18 |
| **15** Th | 0354 | 3.8 | 116 |
| | 1006 | 0.3 | 9 |
| | 1629 | 4.3 | 131 |
| | 2239 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0442 | 3.8 | 116 |
| | 1048 | 0.3 | 9 |
| | 1711 | 4.4 | 134 |
| | 2327 | 0.4 | 12 |
| **17** Sa | 0525 | 3.7 | 113 |
| | 1127 | 0.3 | 9 |
| | 1749 | 4.6 | 140 |
| **18** Su | 0011 | 0.3 | 9 |
| | 0606 | 3.6 | 110 |
| | 1204 | 0.3 | 9 |
| | 1826 | 4.7 | 143 |
| **19** M ○ | 0052 | 0.2 | 6 |
| | 0646 | 3.6 | 110 |
| | 1240 | 0.4 | 12 |
| | 1903 | 4.7 | 143 |
| **20** Tu | 0132 | 0.2 | 6 |
| | 0724 | 3.5 | 107 |
| | 1315 | 0.4 | 12 |
| | 1939 | 4.7 | 143 |
| **21** W | 0211 | 0.2 | 6 |
| | 0802 | 3.4 | 104 |
| | 1350 | 0.5 | 15 |
| | 2016 | 4.7 | 143 |
| **22** Th | 0249 | 0.3 | 9 |
| | 0841 | 3.3 | 101 |
| | 1425 | 0.6 | 18 |
| | 2053 | 4.6 | 140 |
| **23** F | 0329 | 0.4 | 12 |
| | 0919 | 3.2 | 98 |
| | 1502 | 0.7 | 21 |
| | 2131 | 4.5 | 137 |
| **24** Sa | 0409 | 0.5 | 15 |
| | 0959 | 3.2 | 98 |
| | 1543 | 0.8 | 24 |
| | 2211 | 4.4 | 134 |
| **25** Su | 0450 | 0.6 | 18 |
| | 1043 | 3.2 | 98 |
| | 1629 | 0.9 | 27 |
| | 2255 | 4.2 | 128 |
| **26** M | 0533 | 0.6 | 18 |
| | 1132 | 3.2 | 98 |
| | 1723 | 0.9 | 27 |
| | 2343 | 4.1 | 125 |
| **27** Tu ◑ | 0620 | 0.5 | 15 |
| | 1226 | 3.4 | 104 |
| | 1825 | 0.9 | 27 |
| **28** W | 0037 | 4.0 | 122 |
| | 0709 | 0.4 | 12 |
| | 1324 | 3.7 | 113 |
| | 1931 | 0.8 | 24 |
| **29** Th | 0136 | 3.9 | 119 |
| | 0759 | 0.3 | 9 |
| | 1422 | 4.0 | 122 |
| | 2038 | 0.6 | 18 |
| **30** F | 0237 | 3.9 | 119 |
| | 0852 | 0.1 | 3 |
| | 1519 | 4.4 | 134 |
| | 2141 | 0.4 | 12 |
| **31** Sa | 0338 | 3.9 | 119 |
| | 0944 | −0.1 | −3 |
| | 1614 | 4.9 | 149 |
| | 2242 | 0.1 | 3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0437 | 4.0 | 122 |
| | 1037 | −0.3 | −9 |
| | 1707 | 5.3 | 162 |
| | 2339 | −0.2 | −6 |
| **2** M | 0534 | 4.0 | 122 |
| | 1131 | −0.4 | −12 |
| | 1800 | 5.6 | 171 |
| **3** Tu ● | 0035 | −0.4 | −12 |
| | 0631 | 4.1 | 125 |
| | 1224 | −0.5 | −15 |
| | 1854 | 5.7 | 174 |
| **4** W | 0130 | −0.6 | −18 |
| | 0726 | 4.1 | 125 |
| | 1319 | −0.5 | −15 |
| | 1947 | 5.7 | 174 |
| **5** Th | 0224 | −0.6 | −18 |
| | 0822 | 4.1 | 125 |
| | 1414 | −0.4 | −12 |
| | 2041 | 5.6 | 171 |
| **6** F | 0319 | −0.5 | −15 |
| | 0918 | 4.0 | 122 |
| | 1510 | −0.2 | −6 |
| | 2135 | 5.3 | 162 |
| **7** Sa | 0413 | −0.4 | −12 |
| | 1016 | 4.0 | 122 |
| | 1609 | 0.0 | 0 |
| | 2230 | 5.0 | 152 |
| **8** Su | 0508 | −0.2 | −6 |
| | 1115 | 3.9 | 119 |
| | 1709 | 0.3 | 9 |
| | 2327 | 4.6 | 140 |
| **9** M | 0602 | 0.0 | 0 |
| | 1216 | 3.9 | 119 |
| | 1812 | 0.5 | 15 |
| **10** Tu ◐ | 0024 | 4.3 | 131 |
| | 0656 | 0.2 | 6 |
| | 1315 | 3.9 | 119 |
| | 1915 | 0.7 | 21 |
| **11** W | 0122 | 3.9 | 119 |
| | 0747 | 0.3 | 9 |
| | 1412 | 4.0 | 122 |
| | 2018 | 0.8 | 24 |
| **12** Th | 0219 | 3.7 | 113 |
| | 0837 | 0.4 | 12 |
| | 1505 | 4.1 | 125 |
| | 2117 | 0.8 | 24 |
| **13** F | 0314 | 3.5 | 107 |
| | 0924 | 0.5 | 15 |
| | 1553 | 4.3 | 131 |
| | 2212 | 0.7 | 21 |
| **14** Sa | 0405 | 3.4 | 104 |
| | 1008 | 0.5 | 15 |
| | 1637 | 4.4 | 134 |
| | 2302 | 0.6 | 18 |
| **15** Su | 0454 | 3.3 | 101 |
| | 1050 | 0.5 | 15 |
| | 1719 | 4.5 | 137 |
| | 2347 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0539 | 3.3 | 101 |
| | 1130 | 0.5 | 15 |
| | 1759 | 4.7 | 143 |
| **17** Tu | 0030 | 0.4 | 12 |
| | 0621 | 3.3 | 101 |
| | 1209 | 0.5 | 15 |
| | 1839 | 4.7 | 143 |
| **18** W ○ | 0111 | 0.3 | 9 |
| | 0702 | 3.4 | 104 |
| | 1248 | 0.5 | 15 |
| | 1918 | 4.8 | 146 |
| **19** Th | 0150 | 0.3 | 9 |
| | 0742 | 3.4 | 104 |
| | 1326 | 0.5 | 15 |
| | 1956 | 4.8 | 146 |
| **20** F | 0228 | 0.3 | 9 |
| | 0821 | 3.4 | 104 |
| | 1404 | 0.5 | 15 |
| | 2033 | 4.7 | 143 |
| **21** Sa | 0305 | 0.3 | 9 |
| | 0859 | 3.4 | 104 |
| | 1443 | 0.6 | 18 |
| | 2110 | 4.7 | 143 |
| **22** Su | 0342 | 0.3 | 9 |
| | 0938 | 3.4 | 104 |
| | 1525 | 0.6 | 18 |
| | 2147 | 4.5 | 137 |
| **23** M | 0419 | 0.3 | 9 |
| | 1019 | 3.5 | 107 |
| | 1610 | 0.7 | 21 |
| | 2226 | 4.4 | 134 |
| **24** Tu | 0458 | 0.3 | 9 |
| | 1103 | 3.6 | 110 |
| | 1702 | 0.8 | 24 |
| | 2311 | 4.2 | 128 |
| **25** W | 0541 | 0.3 | 9 |
| | 1153 | 3.8 | 116 |
| | 1801 | 0.8 | 24 |
| **26** Th ◑ | 0001 | 4.0 | 122 |
| | 0627 | 0.2 | 6 |
| | 1248 | 4.1 | 125 |
| | 1906 | 0.8 | 24 |
| **27** F | 0059 | 3.8 | 116 |
| | 0719 | 0.2 | 6 |
| | 1347 | 4.3 | 131 |
| | 2014 | 0.6 | 18 |
| **28** Sa | 0203 | 3.7 | 113 |
| | 0815 | 0.1 | 3 |
| | 1449 | 4.7 | 143 |
| | 2121 | 0.4 | 12 |
| **29** Su | 0310 | 3.7 | 113 |
| | 0914 | 0.0 | 0 |
| | 1550 | 5.0 | 152 |
| | 2225 | 0.2 | 6 |
| **30** M | 0416 | 3.7 | 113 |
| | 1013 | −0.1 | −3 |
| | 1649 | 5.3 | 162 |
| | 2326 | −0.1 | −3 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Atlantic City, New Jersey, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0519 | 3.8 | 116 |
| | 1112 | −0.3 | −9 |
| | 1746 | 5.5 | 168 |
| **2** W ● | 0023 | −0.3 | −9 |
| | 0618 | 3.9 | 119 |
| | 1210 | −0.4 | −12 |
| | 1841 | 5.7 | 174 |
| **3** Th | 0117 | −0.4 | −12 |
| | 0714 | 4.1 | 125 |
| | 1306 | −0.4 | −12 |
| | 1935 | 5.7 | 174 |
| **4** F | 0209 | −0.5 | −15 |
| | 0809 | 4.2 | 128 |
| | 1401 | −0.3 | −9 |
| | 2026 | 5.5 | 168 |
| **5** Sa | 0300 | −0.5 | −15 |
| | 0902 | 4.2 | 128 |
| | 1456 | −0.2 | −6 |
| | 2117 | 5.3 | 162 |
| **6** Su | 0349 | −0.4 | −12 |
| | 0955 | 4.2 | 128 |
| | 1551 | 0.0 | 0 |
| | 2206 | 4.9 | 149 |
| **7** M | 0438 | −0.2 | −6 |
| | 1047 | 4.2 | 128 |
| | 1646 | 0.3 | 9 |
| | 2256 | 4.5 | 137 |
| **8** Tu | 0525 | 0.0 | 0 |
| | 1140 | 4.1 | 125 |
| | 1743 | 0.6 | 18 |
| | 2346 | 4.1 | 125 |
| **9** W ◐ | 0613 | 0.3 | 9 |
| | 1234 | 4.1 | 125 |
| | 1842 | 0.8 | 24 |
| **10** Th | 0038 | 3.7 | 113 |
| | 0701 | 0.5 | 15 |
| | 1327 | 4.1 | 125 |
| | 1942 | 0.9 | 27 |
| **11** F | 0134 | 3.4 | 104 |
| | 0749 | 0.7 | 21 |
| | 1421 | 4.1 | 125 |
| | 2043 | 1.0 | 30 |
| **12** Sa | 0231 | 3.2 | 98 |
| | 0838 | 0.8 | 24 |
| | 1513 | 4.2 | 128 |
| | 2140 | 0.9 | 27 |
| **13** Su | 0328 | 3.1 | 94 |
| | 0927 | 0.8 | 24 |
| | 1602 | 4.3 | 131 |
| | 2234 | 0.8 | 24 |
| **14** M | 0422 | 3.1 | 94 |
| | 1014 | 0.8 | 24 |
| | 1649 | 4.5 | 137 |
| | 2322 | 0.7 | 21 |
| **15** Tu | 0512 | 3.2 | 98 |
| | 1100 | 0.7 | 21 |
| | 1734 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0005 | 0.6 | 18 |
| | 0557 | 3.3 | 101 |
| | 1143 | 0.6 | 18 |
| | 1815 | 4.7 | 143 |
| **17** Th | 0046 | 0.4 | 12 |
| | 0639 | 3.4 | 104 |
| | 1225 | 0.5 | 15 |
| | 1855 | 4.9 | 149 |
| **18** F ○ | 0124 | 0.3 | 9 |
| | 0719 | 3.5 | 107 |
| | 1305 | 0.4 | 12 |
| | 1933 | 4.9 | 149 |
| **19** Sa | 0200 | 0.2 | 6 |
| | 0757 | 3.6 | 110 |
| | 1345 | 0.4 | 12 |
| | 2009 | 4.9 | 149 |
| **20** Su | 0235 | 0.2 | 6 |
| | 0834 | 3.7 | 113 |
| | 1425 | 0.4 | 12 |
| | 2045 | 4.8 | 146 |
| **21** M | 0310 | 0.1 | 3 |
| | 0911 | 3.9 | 119 |
| | 1507 | 0.5 | 15 |
| | 2121 | 4.7 | 143 |
| **22** Tu | 0345 | 0.1 | 3 |
| | 0951 | 4.0 | 122 |
| | 1553 | 0.5 | 15 |
| | 2200 | 4.5 | 137 |
| **23** W | 0423 | 0.1 | 3 |
| | 1034 | 4.2 | 128 |
| | 1644 | 0.6 | 18 |
| | 2244 | 4.2 | 128 |
| **24** Th | 0506 | 0.2 | 6 |
| | 1122 | 4.3 | 131 |
| | 1742 | 0.7 | 21 |
| | 2334 | 4.0 | 122 |
| **25** F ◑ | 0553 | 0.2 | 6 |
| | 1218 | 4.4 | 134 |
| | 1847 | 0.7 | 21 |
| **26** Sa | 0034 | 3.7 | 113 |
| | 0648 | 0.2 | 6 |
| | 1321 | 4.6 | 140 |
| | 1957 | 0.7 | 21 |
| **27** Su | 0143 | 3.6 | 110 |
| | 0750 | 0.3 | 9 |
| | 1428 | 4.8 | 146 |
| | 2108 | 0.6 | 18 |
| **28** M | 0256 | 3.5 | 107 |
| | 0855 | 0.2 | 6 |
| | 1535 | 5.0 | 152 |
| | 2214 | 0.3 | 9 |
| **29** Tu | 0407 | 3.6 | 110 |
| | 1000 | 0.1 | 3 |
| | 1638 | 5.2 | 158 |
| | 2314 | 0.1 | 3 |
| **30** W | 0510 | 3.8 | 116 |
| | 1102 | −0.1 | −3 |
| | 1736 | 5.4 | 165 |
| **31** Th | 0009 | −0.1 | −3 |
| | 0608 | 4.0 | 122 |
| | 1200 | −0.2 | −6 |
| | 1830 | 5.5 | 168 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0100 | −0.3 | −9 |
| | 0701 | 4.3 | 131 |
| | 1255 | −0.3 | −9 |
| | 1920 | 5.5 | 168 |
| **2** Sa | 0148 | −0.4 | −12 |
| | 0751 | 4.4 | 134 |
| | 1348 | −0.2 | −6 |
| | 2007 | 5.4 | 165 |
| **3** Su | 0234 | −0.3 | −9 |
| | 0839 | 4.5 | 137 |
| | 1438 | −0.1 | −3 |
| | 2052 | 5.1 | 155 |
| **4** M | 0318 | −0.2 | −6 |
| | 0926 | 4.5 | 137 |
| | 1528 | 0.1 | 3 |
| | 2137 | 4.8 | 146 |
| **5** Tu | 0401 | 0.0 | 0 |
| | 1011 | 4.4 | 134 |
| | 1618 | 0.4 | 12 |
| | 2220 | 4.4 | 134 |
| **6** W | 0443 | 0.3 | 9 |
| | 1058 | 4.3 | 131 |
| | 1710 | 0.6 | 18 |
| | 2305 | 4.0 | 122 |
| **7** Th | 0525 | 0.5 | 15 |
| | 1146 | 4.2 | 128 |
| | 1804 | 0.9 | 27 |
| | 2354 | 3.6 | 110 |
| **8** F ◐ | 0610 | 0.8 | 24 |
| | 1237 | 4.1 | 125 |
| | 1903 | 1.1 | 34 |
| **9** Sa | 0048 | 3.3 | 101 |
| | 0658 | 1.0 | 30 |
| | 1333 | 4.1 | 125 |
| | 2004 | 1.2 | 37 |
| **10** Su | 0149 | 3.1 | 94 |
| | 0751 | 1.1 | 34 |
| | 1430 | 4.1 | 125 |
| | 2106 | 1.2 | 37 |
| **11** M | 0253 | 3.0 | 91 |
| | 0847 | 1.1 | 34 |
| | 1527 | 4.2 | 128 |
| | 2202 | 1.1 | 34 |
| **12** Tu | 0352 | 3.1 | 94 |
| | 0941 | 1.0 | 30 |
| | 1619 | 4.4 | 134 |
| | 2251 | 0.9 | 27 |
| **13** W | 0444 | 3.3 | 101 |
| | 1031 | 0.9 | 27 |
| | 1705 | 4.6 | 140 |
| | 2335 | 0.7 | 21 |
| **14** Th | 0530 | 3.4 | 104 |
| | 1117 | 0.7 | 21 |
| | 1748 | 4.8 | 146 |
| **15** F | 0013 | 0.5 | 15 |
| | 0611 | 3.7 | 113 |
| | 1201 | 0.5 | 15 |
| | 1827 | 4.9 | 149 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0050 | 0.3 | 9 |
| | 0650 | 3.9 | 119 |
| | 1242 | 0.4 | 12 |
| | 1905 | 5.0 | 152 |
| **17** Su | 0125 | 0.2 | 6 |
| | 0727 | 4.1 | 125 |
| | 1324 | 0.3 | 9 |
| | 1941 | 5.0 | 152 |
| **18** M | 0159 | 0.1 | 3 |
| | 0804 | 4.3 | 131 |
| | 1406 | 0.2 | 6 |
| | 2018 | 4.9 | 149 |
| **19** Tu | 0234 | 0.0 | 0 |
| | 0842 | 4.5 | 137 |
| | 1450 | 0.3 | 9 |
| | 2056 | 4.7 | 143 |
| **20** W | 0311 | 0.0 | 0 |
| | 0922 | 4.6 | 140 |
| | 1537 | 0.3 | 9 |
| | 2137 | 4.5 | 137 |
| **21** Th | 0351 | 0.1 | 3 |
| | 1006 | 4.7 | 143 |
| | 1629 | 0.5 | 15 |
| | 2223 | 4.2 | 128 |
| **22** F | 0436 | 0.2 | 6 |
| | 1057 | 4.7 | 143 |
| | 1729 | 0.6 | 18 |
| | 2317 | 3.9 | 119 |
| **23** Sa ◑ | 0528 | 0.3 | 9 |
| | 1156 | 4.7 | 143 |
| | 1836 | 0.7 | 21 |
| **24** Su | 0021 | 3.6 | 110 |
| | 0628 | 0.5 | 15 |
| | 1304 | 4.7 | 143 |
| | 1948 | 0.8 | 24 |
| **25** M | 0137 | 3.5 | 107 |
| | 0737 | 0.5 | 15 |
| | 1417 | 4.8 | 146 |
| | 2059 | 0.7 | 21 |
| **26** Tu | 0254 | 3.5 | 107 |
| | 0848 | 0.5 | 15 |
| | 1527 | 4.9 | 149 |
| | 2204 | 0.5 | 15 |
| **27** W | 0403 | 3.7 | 113 |
| | 0955 | 0.3 | 9 |
| | 1630 | 5.1 | 155 |
| | 2301 | 0.2 | 6 |
| **28** Th | 0503 | 4.0 | 122 |
| | 1056 | 0.1 | 3 |
| | 1725 | 5.3 | 162 |
| | 2352 | 0.0 | 0 |
| **29** F | 0556 | 4.3 | 131 |
| | 1151 | 0.0 | 0 |
| | 1815 | 5.3 | 162 |
| **30** Sa ● | 0038 | −0.1 | −3 |
| | 0644 | 4.6 | 140 |
| | 1243 | −0.1 | −3 |
| | 1901 | 5.3 | 162 |
| **31** Su | 0122 | −0.2 | −6 |
| | 0729 | 4.7 | 143 |
| | 1331 | −0.1 | −3 |
| | 1943 | 5.1 | 155 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0203 | −0.1 | −3 |
| | 0811 | 4.8 | 146 |
| | 1418 | 0.0 | 0 |
| | 2025 | 4.9 | 149 |
| **2** Tu | 0242 | 0.0 | 0 |
| | 0852 | 4.8 | 146 |
| | 1503 | 0.2 | 6 |
| | 2105 | 4.5 | 137 |
| **3** W | 0320 | 0.2 | 6 |
| | 0932 | 4.7 | 143 |
| | 1548 | 0.5 | 15 |
| | 2145 | 4.2 | 128 |
| **4** Th | 0357 | 0.5 | 15 |
| | 1013 | 4.5 | 137 |
| | 1635 | 0.7 | 21 |
| | 2226 | 3.8 | 116 |
| **5** F | 0435 | 0.8 | 24 |
| | 1057 | 4.4 | 134 |
| | 1726 | 1.0 | 30 |
| | 2312 | 3.5 | 107 |
| **6** Sa | 0517 | 1.0 | 30 |
| | 1146 | 4.2 | 128 |
| | 1822 | 1.2 | 37 |
| **7** Su ◐ | 0005 | 3.2 | 98 |
| | 0606 | 1.2 | 37 |
| | 1243 | 4.1 | 125 |
| | 1924 | 1.3 | 40 |
| **8** M | 0109 | 3.1 | 94 |
| | 0704 | 1.3 | 40 |
| | 1346 | 4.1 | 125 |
| | 2027 | 1.3 | 40 |
| **9** Tu | 0218 | 3.1 | 94 |
| | 0807 | 1.3 | 40 |
| | 1448 | 4.2 | 128 |
| | 2124 | 1.2 | 37 |
| **10** W | 0320 | 3.2 | 98 |
| | 0907 | 1.2 | 37 |
| | 1543 | 4.3 | 131 |
| | 2213 | 1.0 | 30 |
| **11** Th | 0412 | 3.4 | 104 |
| | 1001 | 1.0 | 30 |
| | 1631 | 4.5 | 137 |
| | 2255 | 0.8 | 24 |
| **12** F | 0457 | 3.7 | 113 |
| | 1049 | 0.7 | 21 |
| | 1714 | 4.7 | 143 |
| | 2333 | 0.5 | 15 |
| **13** Sa | 0538 | 4.0 | 122 |
| | 1135 | 0.5 | 15 |
| | 1754 | 4.9 | 149 |
| **14** Su | 0009 | 0.3 | 9 |
| | 0617 | 4.4 | 134 |
| | 1218 | 0.3 | 9 |
| | 1833 | 4.9 | 149 |
| **15** M ○ | 0045 | 0.1 | 3 |
| | 0655 | 4.7 | 143 |
| | 1302 | 0.1 | 3 |
| | 1912 | 4.9 | 149 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0121 | −0.1 | −3 |
| | 0733 | 4.9 | 149 |
| | 1347 | 0.0 | 0 |
| | 1952 | 4.8 | 146 |
| **17** W | 0159 | −0.1 | −3 |
| | 0813 | 5.1 | 155 |
| | 1433 | 0.0 | 0 |
| | 2033 | 4.6 | 140 |
| **18** Th | 0240 | −0.1 | −3 |
| | 0857 | 5.2 | 158 |
| | 1523 | 0.1 | 3 |
| | 2119 | 4.4 | 134 |
| **19** F | 0324 | 0.1 | 3 |
| | 0944 | 5.2 | 158 |
| | 1618 | 0.3 | 9 |
| | 2210 | 4.1 | 125 |
| **20** Sa | 0414 | 0.2 | 6 |
| | 1038 | 5.1 | 155 |
| | 1719 | 0.5 | 15 |
| | 2309 | 3.8 | 116 |
| **21** Su | 0511 | 0.5 | 15 |
| | 1142 | 4.9 | 149 |
| | 1828 | 0.7 | 21 |
| **22** M ◑ | 0020 | 3.6 | 110 |
| | 0618 | 0.6 | 18 |
| | 1254 | 4.8 | 146 |
| | 1940 | 0.7 | 21 |
| **23** Tu | 0139 | 3.5 | 107 |
| | 0732 | 0.7 | 21 |
| | 1409 | 4.7 | 143 |
| | 2048 | 0.6 | 18 |
| **24** W | 0253 | 3.7 | 113 |
| | 0844 | 0.6 | 18 |
| | 1518 | 4.8 | 146 |
| | 2149 | 0.4 | 12 |
| **25** Th | 0357 | 4.0 | 122 |
| | 0950 | 0.5 | 15 |
| | 1617 | 4.9 | 149 |
| | 2242 | 0.2 | 6 |
| **26** F | 0452 | 4.3 | 131 |
| | 1048 | 0.3 | 9 |
| | 1709 | 5.0 | 152 |
| | 2329 | 0.1 | 3 |
| **27** Sa | 0539 | 4.6 | 140 |
| | 1140 | 0.1 | 3 |
| | 1755 | 4.9 | 149 |
| **28** Su | 0011 | 0.0 | 0 |
| | 0623 | 4.8 | 146 |
| | 1228 | 0.0 | 0 |
| | 1837 | 4.8 | 146 |
| **29** M ● | 0051 | 0.0 | 0 |
| | 0703 | 5.0 | 152 |
| | 1313 | 0.0 | 0 |
| | 1917 | 4.7 | 143 |
| **30** Tu | 0128 | 0.1 | 3 |
| | 0741 | 5.0 | 152 |
| | 1356 | 0.1 | 3 |
| | 1956 | 4.5 | 137 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Atlantic City, New Jersey, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0204 | 0.2 | 6 |
| | 0818 | 4.9 | 149 |
| | 1438 | 0.3 | 9 |
| | 2034 | 4.2 | 128 |
| **2** Th | 0239 | 0.4 | 12 |
| | 0855 | 4.8 | 146 |
| | 1520 | 0.5 | 15 |
| | 2112 | 3.9 | 119 |
| **3** F | 0314 | 0.7 | 21 |
| | 0933 | 4.7 | 143 |
| | 1604 | 0.7 | 21 |
| | 2152 | 3.6 | 110 |
| **4** Sa | 0350 | 0.9 | 27 |
| | 1015 | 4.5 | 137 |
| | 1651 | 0.9 | 27 |
| | 2236 | 3.3 | 101 |
| **5** Su | 0430 | 1.1 | 34 |
| | 1102 | 4.3 | 131 |
| | 1744 | 1.1 | 34 |
| | 2328 | 3.1 | 94 |
| **6** M | 0518 | 1.3 | 40 |
| | 1157 | 4.1 | 125 |
| | 1842 | 1.3 | 40 |
| **7** Tu ◐ | 0031 | 3.0 | 91 |
| | 0618 | 1.4 | 43 |
| | 1259 | 4.1 | 125 |
| | 1942 | 1.2 | 37 |
| **8** W | 0139 | 3.1 | 94 |
| | 0725 | 1.4 | 43 |
| | 1401 | 4.1 | 125 |
| | 2037 | 1.1 | 34 |
| **9** Th | 0241 | 3.2 | 98 |
| | 0829 | 1.2 | 37 |
| | 1458 | 4.2 | 128 |
| | 2125 | 0.9 | 27 |
| **10** F | 0334 | 3.5 | 107 |
| | 0927 | 1.0 | 30 |
| | 1548 | 4.4 | 134 |
| | 2207 | 0.6 | 18 |
| **11** Sa | 0419 | 3.9 | 119 |
| | 1019 | 0.7 | 21 |
| | 1634 | 4.5 | 137 |
| | 2247 | 0.4 | 12 |
| **12** Su | 0501 | 4.3 | 131 |
| | 1107 | 0.4 | 12 |
| | 1717 | 4.6 | 140 |
| | 2326 | 0.1 | 3 |
| **13** M | 0542 | 4.8 | 146 |
| | 1154 | 0.1 | 3 |
| | 1800 | 4.7 | 143 |
| **14** Tu ○ | 0005 | −0.1 | −3 |
| | 0623 | 5.1 | 155 |
| | 1241 | −0.1 | −3 |
| | 1843 | 4.7 | 143 |
| **15** W | 0046 | −0.2 | −6 |
| | 0705 | 5.4 | 165 |
| | 1329 | −0.2 | −6 |
| | 1928 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0129 | −0.3 | −9 |
| | 0749 | 5.5 | 168 |
| | 1419 | −0.2 | −6 |
| | 2015 | 4.4 | 134 |
| **17** F | 0214 | −0.2 | −6 |
| | 0837 | 5.5 | 168 |
| | 1512 | −0.1 | −3 |
| | 2105 | 4.2 | 128 |
| **18** Sa | 0304 | −0.1 | −3 |
| | 0928 | 5.4 | 165 |
| | 1609 | 0.1 | 3 |
| | 2202 | 3.9 | 119 |
| **19** Su | 0359 | 0.2 | 6 |
| | 1026 | 5.2 | 158 |
| | 1711 | 0.3 | 9 |
| | 2306 | 3.7 | 113 |
| **20** M | 0501 | 0.4 | 12 |
| | 1131 | 4.9 | 149 |
| | 1817 | 0.4 | 12 |
| **21** Tu ◑ | 0019 | 3.6 | 110 |
| | 0611 | 0.6 | 18 |
| | 1243 | 4.7 | 143 |
| | 1925 | 0.5 | 15 |
| **22** W | 0134 | 3.6 | 110 |
| | 0725 | 0.7 | 21 |
| | 1354 | 4.6 | 140 |
| | 2029 | 0.4 | 12 |
| **23** Th | 0243 | 3.9 | 119 |
| | 0835 | 0.6 | 18 |
| | 1500 | 4.5 | 137 |
| | 2125 | 0.3 | 9 |
| **24** F | 0342 | 4.1 | 125 |
| | 0939 | 0.5 | 15 |
| | 1557 | 4.5 | 137 |
| | 2215 | 0.2 | 6 |
| **25** Sa | 0433 | 4.4 | 134 |
| | 1035 | 0.3 | 9 |
| | 1647 | 4.4 | 134 |
| | 2300 | 0.1 | 3 |
| **26** Su | 0518 | 4.7 | 143 |
| | 1125 | 0.2 | 6 |
| | 1732 | 4.4 | 134 |
| | 2341 | 0.1 | 3 |
| **27** M | 0559 | 4.8 | 146 |
| | 1211 | 0.1 | 3 |
| | 1813 | 4.3 | 131 |
| **28** Tu ● | 0018 | 0.1 | 3 |
| | 0636 | 4.9 | 149 |
| | 1254 | 0.1 | 3 |
| | 1852 | 4.1 | 125 |
| **29** W | 0054 | 0.2 | 6 |
| | 0713 | 4.9 | 149 |
| | 1335 | 0.1 | 3 |
| | 1930 | 4.0 | 122 |
| **30** Th | 0129 | 0.3 | 9 |
| | 0748 | 4.9 | 149 |
| | 1416 | 0.2 | 6 |
| | 2007 | 3.8 | 116 |
| **31** F | 0204 | 0.5 | 15 |
| | 0825 | 4.8 | 146 |
| | 1456 | 0.4 | 12 |
| | 2046 | 3.6 | 110 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0238 | 0.6 | 18 |
| | 0903 | 4.6 | 140 |
| | 1538 | 0.6 | 18 |
| | 2125 | 3.4 | 104 |
| **2** Su | 0314 | 0.8 | 24 |
| | 0943 | 4.5 | 137 |
| | 1622 | 0.7 | 21 |
| | 2208 | 3.2 | 98 |
| **3** M | 0354 | 1.0 | 30 |
| | 1027 | 4.3 | 131 |
| | 1709 | 0.9 | 27 |
| | 2256 | 3.0 | 91 |
| **4** Tu | 0441 | 1.1 | 34 |
| | 1116 | 4.1 | 125 |
| | 1800 | 1.0 | 30 |
| | 2353 | 3.0 | 91 |
| **5** W ◐ | 0537 | 1.2 | 37 |
| | 1210 | 4.0 | 122 |
| | 1852 | 0.9 | 27 |
| **6** Th | 0055 | 3.1 | 94 |
| | 0642 | 1.2 | 37 |
| | 1308 | 3.9 | 119 |
| | 1943 | 0.8 | 24 |
| **7** F | 0155 | 3.3 | 101 |
| | 0748 | 1.1 | 34 |
| | 1405 | 3.9 | 119 |
| | 2030 | 0.6 | 18 |
| **8** Sa | 0249 | 3.6 | 110 |
| | 0849 | 0.9 | 27 |
| | 1500 | 4.0 | 122 |
| | 2116 | 0.4 | 12 |
| **9** Su | 0337 | 4.0 | 122 |
| | 0946 | 0.6 | 18 |
| | 1551 | 4.1 | 125 |
| | 2200 | 0.1 | 3 |
| **10** M | 0424 | 4.5 | 137 |
| | 1040 | 0.2 | 6 |
| | 1641 | 4.2 | 128 |
| | 2245 | −0.1 | −3 |
| **11** Tu | 0509 | 4.9 | 149 |
| | 1132 | −0.1 | −3 |
| | 1730 | 4.2 | 128 |
| | 2330 | −0.3 | −9 |
| **12** W | 0555 | 5.3 | 162 |
| | 1223 | −0.3 | −9 |
| | 1819 | 4.2 | 128 |
| **13** Th ○ | 0017 | −0.5 | −15 |
| | 0642 | 5.5 | 168 |
| | 1314 | −0.5 | −15 |
| | 1909 | 4.2 | 128 |
| **14** F | 0105 | −0.5 | −15 |
| | 0731 | 5.6 | 171 |
| | 1407 | −0.5 | −15 |
| | 2001 | 4.1 | 125 |
| **15** Sa | 0156 | −0.5 | −15 |
| | 0823 | 5.6 | 171 |
| | 1501 | −0.4 | −12 |
| | 2056 | 3.9 | 119 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0250 | −0.3 | −9 |
| | 0917 | 5.4 | 165 |
| | 1558 | −0.3 | −9 |
| | 2155 | 3.8 | 116 |
| **17** M | 0348 | −0.1 | −3 |
| | 1015 | 5.1 | 155 |
| | 1657 | −0.1 | −3 |
| | 2259 | 3.7 | 113 |
| **18** Tu | 0452 | 0.2 | 6 |
| | 1117 | 4.8 | 146 |
| | 1759 | 0.0 | 0 |
| **19** W ◑ | 0007 | 3.6 | 110 |
| | 0600 | 0.4 | 12 |
| | 1223 | 4.5 | 137 |
| | 1900 | 0.1 | 3 |
| **20** Th | 0115 | 3.7 | 113 |
| | 0710 | 0.5 | 15 |
| | 1329 | 4.2 | 128 |
| | 1959 | 0.1 | 3 |
| **21** F | 0220 | 3.9 | 119 |
| | 0818 | 0.5 | 15 |
| | 1431 | 4.0 | 122 |
| | 2053 | 0.1 | 3 |
| **22** Sa | 0317 | 4.1 | 125 |
| | 0921 | 0.5 | 15 |
| | 1529 | 3.9 | 119 |
| | 2143 | 0.1 | 3 |
| **23** Su | 0408 | 4.3 | 131 |
| | 1017 | 0.4 | 12 |
| | 1620 | 3.8 | 116 |
| | 2227 | 0.1 | 3 |
| **24** M | 0452 | 4.5 | 137 |
| | 1107 | 0.3 | 9 |
| | 1706 | 3.7 | 113 |
| | 2309 | 0.1 | 3 |
| **25** Tu | 0533 | 4.6 | 140 |
| | 1153 | 0.2 | 6 |
| | 1749 | 3.6 | 110 |
| | 2348 | 0.2 | 6 |
| **26** W | 0611 | 4.7 | 143 |
| | 1236 | 0.1 | 3 |
| | 1829 | 3.5 | 107 |
| **27** Th ● | 0025 | 0.2 | 6 |
| | 0648 | 4.7 | 143 |
| | 1317 | 0.1 | 3 |
| | 1908 | 3.5 | 107 |
| **28** F | 0101 | 0.3 | 9 |
| | 0725 | 4.7 | 143 |
| | 1356 | 0.1 | 3 |
| | 1947 | 3.4 | 104 |
| **29** Sa | 0137 | 0.3 | 9 |
| | 0802 | 4.6 | 140 |
| | 1436 | 0.2 | 6 |
| | 2025 | 3.3 | 101 |
| **30** Su | 0213 | 0.4 | 12 |
| | 0840 | 4.5 | 137 |
| | 1515 | 0.3 | 9 |
| | 2104 | 3.2 | 98 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0249 | 0.5 | 15 |
| | 0918 | 4.4 | 134 |
| | 1555 | 0.4 | 12 |
| | 2144 | 3.1 | 94 |
| **2** Tu | 0329 | 0.6 | 18 |
| | 0958 | 4.2 | 128 |
| | 1635 | 0.5 | 15 |
| | 2227 | 3.0 | 91 |
| **3** W | 0413 | 0.8 | 24 |
| | 1039 | 4.1 | 125 |
| | 1717 | 0.5 | 15 |
| | 2315 | 3.0 | 91 |
| **4** Th | 0503 | 0.9 | 27 |
| | 1125 | 3.9 | 119 |
| | 1801 | 0.5 | 15 |
| **5** F ◐ | 0007 | 3.1 | 94 |
| | 0602 | 0.9 | 27 |
| | 1215 | 3.8 | 116 |
| | 1847 | 0.4 | 12 |
| **6** Sa | 0103 | 3.4 | 104 |
| | 0706 | 0.8 | 24 |
| | 1311 | 3.7 | 113 |
| | 1935 | 0.3 | 9 |
| **7** Su | 0159 | 3.7 | 113 |
| | 0812 | 0.7 | 21 |
| | 1410 | 3.6 | 110 |
| | 2026 | 0.1 | 3 |
| **8** M | 0255 | 4.1 | 125 |
| | 0916 | 0.4 | 12 |
| | 1510 | 3.6 | 110 |
| | 2117 | −0.1 | −3 |
| **9** Tu | 0348 | 4.5 | 137 |
| | 1016 | 0.1 | 3 |
| | 1609 | 3.6 | 110 |
| | 2210 | −0.3 | −9 |
| **10** W | 0441 | 4.9 | 149 |
| | 1112 | −0.2 | −6 |
| | 1706 | 3.7 | 113 |
| | 2303 | −0.5 | −15 |
| **11** Th | 0534 | 5.2 | 158 |
| | 1207 | −0.5 | −15 |
| | 1801 | 3.8 | 116 |
| | 2356 | −0.7 | −21 |
| **12** F ○ | 0626 | 5.5 | 168 |
| | 1301 | −0.7 | −21 |
| | 1856 | 3.9 | 119 |
| **13** Sa | 0049 | −0.7 | −21 |
| | 0719 | 5.5 | 168 |
| | 1355 | −0.7 | −21 |
| | 1950 | 3.9 | 119 |
| **14** Su | 0144 | −0.7 | −21 |
| | 0812 | 5.5 | 168 |
| | 1448 | −0.7 | −21 |
| | 2046 | 3.9 | 119 |
| **15** M | 0240 | −0.6 | −18 |
| | 0906 | 5.3 | 162 |
| | 1542 | −0.6 | −18 |
| | 2143 | 3.8 | 116 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0337 | −0.4 | −12 |
| | 1000 | 5.0 | 152 |
| | 1636 | −0.5 | −15 |
| | 2241 | 3.8 | 116 |
| **17** W | 0437 | −0.1 | −3 |
| | 1056 | 4.6 | 140 |
| | 1731 | −0.3 | −9 |
| | 2342 | 3.7 | 113 |
| **18** Th | 0540 | 0.1 | 3 |
| | 1154 | 4.2 | 128 |
| | 1826 | −0.2 | −6 |
| **19** F ◑ | 0044 | 3.7 | 113 |
| | 0646 | 0.3 | 9 |
| | 1254 | 3.8 | 116 |
| | 1921 | 0.0 | 0 |
| **20** Sa | 0145 | 3.8 | 116 |
| | 0752 | 0.4 | 12 |
| | 1355 | 3.5 | 107 |
| | 2014 | 0.1 | 3 |
| **21** Su | 0243 | 3.9 | 119 |
| | 0855 | 0.5 | 15 |
| | 1454 | 3.3 | 101 |
| | 2105 | 0.2 | 6 |
| **22** M | 0336 | 4.0 | 122 |
| | 0954 | 0.4 | 12 |
| | 1550 | 3.1 | 94 |
| | 2153 | 0.2 | 6 |
| **23** Tu | 0423 | 4.1 | 125 |
| | 1046 | 0.3 | 9 |
| | 1640 | 3.1 | 94 |
| | 2238 | 0.2 | 6 |
| **24** W | 0507 | 4.3 | 131 |
| | 1134 | 0.2 | 6 |
| | 1726 | 3.1 | 94 |
| | 2320 | 0.2 | 6 |
| **25** Th | 0548 | 4.4 | 134 |
| | 1217 | 0.1 | 3 |
| | 1809 | 3.1 | 94 |
| **26** F | 0000 | 0.2 | 6 |
| | 0628 | 4.5 | 137 |
| | 1258 | 0.0 | 0 |
| | 1850 | 3.1 | 94 |
| **27** Sa ● | 0039 | 0.1 | 3 |
| | 0706 | 4.5 | 137 |
| | 1337 | 0.0 | 0 |
| | 1928 | 3.1 | 94 |
| **28** Su | 0117 | 0.1 | 3 |
| | 0744 | 4.5 | 137 |
| | 1414 | 0.0 | 0 |
| | 2006 | 3.2 | 98 |
| **29** M | 0153 | 0.1 | 3 |
| | 0820 | 4.5 | 137 |
| | 1450 | 0.0 | 0 |
| | 2043 | 3.1 | 94 |
| **30** Tu | 0231 | 0.2 | 6 |
| | 0856 | 4.4 | 134 |
| | 1525 | 0.0 | 0 |
| | 2120 | 3.2 | 98 |
| **31** W | 0309 | 0.3 | 9 |
| | 0931 | 4.2 | 128 |
| | 1600 | 0.0 | 0 |
| | 2158 | 3.2 | 98 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Breakwater Harbor, Delaware, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0255 | 3.7 | 113 |
| | 0907 | 0.7 | 21 |
| | 1505 | 3.2 | 98 |
| | 2115 | 0.4 | 12 |
| **2** W | 0350 | 3.8 | 116 |
| | 1010 | 0.7 | 21 |
| | 1602 | 3.0 | 91 |
| | 2204 | 0.4 | 12 |
| **3** Th | 0443 | 3.9 | 119 |
| | 1109 | 0.6 | 18 |
| | 1658 | 2.9 | 88 |
| | 2252 | 0.4 | 12 |
| **4** F | 0533 | 4.1 | 125 |
| | 1200 | 0.5 | 15 |
| | 1750 | 3.0 | 91 |
| | 2338 | 0.3 | 9 |
| **5** Sa | 0620 | 4.3 | 131 |
| | 1246 | 0.3 | 9 |
| | 1837 | 3.0 | 91 |
| **6** Su | 0022 | 0.2 | 6 |
| | 0703 | 4.4 | 134 |
| | 1327 | 0.2 | 6 |
| | 1921 | 3.1 | 94 |
| **7** M | 0104 | 0.0 | 0 |
| | 0745 | 4.6 | 140 |
| | 1405 | 0.1 | 3 |
| | 2001 | 3.2 | 98 |
| **8** Tu ● | 0144 | −0.1 | −3 |
| | 0824 | 4.7 | 143 |
| | 1442 | 0.0 | 0 |
| | 2041 | 3.3 | 101 |
| **9** W | 0224 | −0.2 | −6 |
| | 0903 | 4.7 | 143 |
| | 1518 | −0.1 | −3 |
| | 2120 | 3.5 | 107 |
| **10** Th | 0305 | −0.2 | −6 |
| | 0941 | 4.7 | 143 |
| | 1555 | −0.2 | −6 |
| | 2200 | 3.6 | 110 |
| **11** F | 0347 | −0.3 | −9 |
| | 1021 | 4.7 | 143 |
| | 1633 | −0.3 | −9 |
| | 2243 | 3.7 | 113 |
| **12** Sa | 0433 | −0.2 | −6 |
| | 1101 | 4.5 | 137 |
| | 1714 | −0.3 | −9 |
| | 2328 | 3.8 | 116 |
| **13** Su | 0522 | −0.1 | −3 |
| | 1146 | 4.3 | 131 |
| | 1757 | −0.3 | −9 |
| **14** M | 0017 | 3.9 | 119 |
| | 0617 | 0.0 | 0 |
| | 1234 | 4.0 | 122 |
| | 1845 | −0.3 | −9 |
| **15** Tu ◐ | 0111 | 4.1 | 125 |
| | 0719 | 0.1 | 3 |
| | 1329 | 3.7 | 113 |
| | 1937 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0211 | 4.2 | 128 |
| | 0826 | 0.2 | 6 |
| | 1431 | 3.4 | 104 |
| | 2035 | −0.2 | −6 |
| **17** Th | 0316 | 4.3 | 131 |
| | 0938 | 0.2 | 6 |
| | 1540 | 3.2 | 98 |
| | 2137 | −0.2 | −6 |
| **18** F | 0423 | 4.5 | 137 |
| | 1049 | 0.1 | 3 |
| | 1651 | 3.2 | 98 |
| | 2241 | −0.3 | −9 |
| **19** Sa | 0528 | 4.7 | 143 |
| | 1154 | −0.1 | −3 |
| | 1757 | 3.3 | 101 |
| | 2342 | −0.4 | −12 |
| **20** Su | 0629 | 4.9 | 149 |
| | 1252 | −0.3 | −9 |
| | 1857 | 3.5 | 107 |
| **21** M | 0040 | −0.5 | −15 |
| | 0724 | 5.1 | 155 |
| | 1344 | −0.5 | −15 |
| | 1950 | 3.7 | 113 |
| **22** Tu ○ | 0134 | −0.7 | −21 |
| | 0815 | 5.1 | 155 |
| | 1432 | −0.6 | −18 |
| | 2039 | 3.8 | 116 |
| **23** W | 0225 | −0.7 | −21 |
| | 0901 | 5.1 | 155 |
| | 1517 | −0.6 | −18 |
| | 2125 | 3.9 | 119 |
| **24** Th | 0314 | −0.6 | −18 |
| | 0945 | 4.9 | 149 |
| | 1559 | −0.5 | −15 |
| | 2209 | 4.0 | 122 |
| **25** F | 0400 | −0.5 | −15 |
| | 1027 | 4.7 | 143 |
| | 1640 | −0.4 | −12 |
| | 2252 | 4.0 | 122 |
| **26** Sa | 0447 | −0.3 | −9 |
| | 1107 | 4.3 | 131 |
| | 1720 | −0.2 | −6 |
| | 2335 | 3.9 | 119 |
| **27** Su | 0534 | 0.0 | 0 |
| | 1148 | 4.0 | 122 |
| | 1800 | 0.0 | 0 |
| **28** M | 0019 | 3.8 | 116 |
| | 0623 | 0.3 | 9 |
| | 1230 | 3.6 | 110 |
| | 1841 | 0.2 | 6 |
| **29** Tu | 0106 | 3.8 | 116 |
| | 0717 | 0.5 | 15 |
| | 1317 | 3.2 | 98 |
| | 1926 | 0.4 | 12 |
| **30** W ◑ | 0157 | 3.7 | 113 |
| | 0817 | 0.7 | 21 |
| | 1410 | 3.0 | 91 |
| | 2015 | 0.5 | 15 |
| **31** Th | 0255 | 3.7 | 113 |
| | 0923 | 0.8 | 24 |
| | 1510 | 2.8 | 85 |
| | 2111 | 0.6 | 18 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0355 | 3.8 | 116 |
| | 1028 | 0.8 | 24 |
| | 1614 | 2.7 | 82 |
| | 2208 | 0.6 | 18 |
| **2** Sa | 0455 | 3.9 | 119 |
| | 1126 | 0.6 | 18 |
| | 1714 | 2.8 | 85 |
| | 2303 | 0.4 | 12 |
| **3** Su | 0549 | 4.1 | 125 |
| | 1215 | 0.5 | 15 |
| | 1807 | 3.0 | 91 |
| | 2353 | 0.2 | 6 |
| **4** M | 0637 | 4.3 | 131 |
| | 1258 | 0.3 | 9 |
| | 1853 | 3.2 | 98 |
| **5** Tu | 0039 | 0.0 | 0 |
| | 0720 | 4.5 | 137 |
| | 1336 | 0.1 | 3 |
| | 1936 | 3.4 | 104 |
| **6** W ● | 0123 | −0.2 | −6 |
| | 0800 | 4.7 | 143 |
| | 1413 | −0.1 | −3 |
| | 2016 | 3.7 | 113 |
| **7** Th | 0205 | −0.4 | −12 |
| | 0840 | 4.8 | 146 |
| | 1449 | −0.3 | −9 |
| | 2056 | 3.9 | 119 |
| **8** F | 0248 | −0.5 | −15 |
| | 0918 | 4.8 | 146 |
| | 1526 | −0.5 | −15 |
| | 2137 | 4.1 | 125 |
| **9** Sa | 0332 | −0.5 | −15 |
| | 0958 | 4.7 | 143 |
| | 1604 | −0.5 | −15 |
| | 2219 | 4.3 | 131 |
| **10** Su | 0418 | −0.5 | −15 |
| | 1040 | 4.5 | 137 |
| | 1644 | −0.5 | −15 |
| | 2304 | 4.4 | 134 |
| **11** M | 0508 | −0.3 | −9 |
| | 1124 | 4.2 | 128 |
| | 1728 | −0.4 | −12 |
| | 2353 | 4.4 | 134 |
| **12** Tu | 0603 | −0.1 | −3 |
| | 1214 | 3.8 | 116 |
| | 1816 | −0.3 | −9 |
| **13** W ◐ | 0048 | 4.4 | 134 |
| | 0704 | 0.1 | 3 |
| | 1310 | 3.5 | 107 |
| | 1911 | −0.1 | −3 |
| **14** Th | 0149 | 4.4 | 134 |
| | 0812 | 0.2 | 6 |
| | 1416 | 3.2 | 98 |
| | 2013 | 0.0 | 0 |
| **15** F | 0259 | 4.4 | 134 |
| | 0927 | 0.3 | 9 |
| | 1530 | 3.1 | 94 |
| | 2121 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0412 | 4.4 | 134 |
| | 1040 | 0.2 | 6 |
| | 1646 | 3.2 | 98 |
| | 2231 | 0.0 | 0 |
| **17** Su | 0521 | 4.6 | 140 |
| | 1145 | 0.1 | 3 |
| | 1752 | 3.4 | 104 |
| | 2336 | −0.2 | −6 |
| **18** M | 0622 | 4.7 | 143 |
| | 1240 | −0.1 | −3 |
| | 1849 | 3.7 | 113 |
| **19** Tu | 0034 | −0.3 | −9 |
| | 0714 | 4.9 | 149 |
| | 1328 | −0.3 | −9 |
| | 1938 | 3.9 | 119 |
| **20** W ○ | 0125 | −0.5 | −15 |
| | 0801 | 4.9 | 149 |
| | 1411 | −0.4 | −12 |
| | 2022 | 4.1 | 125 |
| **21** Th | 0213 | −0.5 | −15 |
| | 0842 | 4.8 | 146 |
| | 1451 | −0.4 | −12 |
| | 2102 | 4.2 | 128 |
| **22** F | 0257 | −0.5 | −15 |
| | 0921 | 4.7 | 143 |
| | 1528 | −0.4 | −12 |
| | 2141 | 4.3 | 131 |
| **23** Sa | 0339 | −0.4 | −12 |
| | 0958 | 4.4 | 134 |
| | 1603 | −0.3 | −9 |
| | 2218 | 4.3 | 131 |
| **24** Su | 0421 | −0.2 | −6 |
| | 1034 | 4.2 | 128 |
| | 1638 | −0.1 | −3 |
| | 2256 | 4.2 | 128 |
| **25** M | 0503 | 0.0 | 0 |
| | 1111 | 3.8 | 116 |
| | 1713 | 0.1 | 3 |
| | 2335 | 4.1 | 125 |
| **26** Tu | 0547 | 0.3 | 9 |
| | 1150 | 3.5 | 107 |
| | 1751 | 0.3 | 9 |
| **27** W | 0018 | 4.0 | 122 |
| | 0635 | 0.5 | 15 |
| | 1233 | 3.2 | 98 |
| | 1833 | 0.5 | 15 |
| **28** Th ◑ | 0106 | 3.9 | 119 |
| | 0730 | 0.8 | 24 |
| | 1324 | 3.0 | 91 |
| | 1922 | 0.7 | 21 |
| **29** F | 0203 | 3.8 | 116 |
| | 0832 | 0.9 | 27 |
| | 1423 | 2.8 | 85 |
| | 2020 | 0.8 | 24 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0306 | 3.8 | 116 |
| | 0939 | 0.9 | 27 |
| | 1529 | 2.8 | 85 |
| | 2123 | 0.8 | 24 |
| **2** Su | 0411 | 3.9 | 119 |
| | 1041 | 0.8 | 24 |
| | 1634 | 2.9 | 88 |
| | 2225 | 0.6 | 18 |
| **3** M | 0511 | 4.1 | 125 |
| | 1134 | 0.6 | 18 |
| | 1731 | 3.2 | 98 |
| | 2321 | 0.4 | 12 |
| **4** Tu | 0602 | 4.3 | 131 |
| | 1218 | 0.4 | 12 |
| | 1820 | 3.5 | 107 |
| **5** W | 0012 | 0.1 | 3 |
| | 0648 | 4.5 | 137 |
| | 1258 | 0.1 | 3 |
| | 1905 | 3.8 | 116 |
| **6** Th | 0059 | −0.2 | −6 |
| | 0730 | 4.7 | 143 |
| | 1337 | −0.2 | −6 |
| | 1948 | 4.2 | 128 |
| **7** F ● | 0144 | −0.4 | −12 |
| | 0812 | 4.8 | 146 |
| | 1415 | −0.4 | −12 |
| | 2030 | 4.5 | 137 |
| **8** Sa | 0230 | −0.6 | −18 |
| | 0853 | 4.8 | 146 |
| | 1453 | −0.6 | −18 |
| | 2112 | 4.8 | 146 |
| **9** Su | 0316 | −0.6 | −18 |
| | 0936 | 4.6 | 140 |
| | 1534 | −0.6 | −18 |
| | 2156 | 5.0 | 152 |
| **10** M | 0405 | −0.6 | −18 |
| | 1020 | 4.4 | 134 |
| | 1617 | −0.5 | −15 |
| | 2243 | 5.0 | 152 |
| **11** Tu | 0456 | −0.4 | −12 |
| | 1108 | 4.1 | 125 |
| | 1703 | −0.4 | −12 |
| | 2333 | 4.9 | 149 |
| **12** W | 0551 | −0.2 | −6 |
| | 1200 | 3.8 | 116 |
| | 1754 | −0.2 | −6 |
| **13** Th | 0030 | 4.8 | 146 |
| | 0653 | 0.1 | 3 |
| | 1300 | 3.5 | 107 |
| | 1852 | 0.1 | 3 |
| **14** F ◐ | 0134 | 4.6 | 140 |
| | 0802 | 0.3 | 9 |
| | 1409 | 3.3 | 101 |
| | 1959 | 0.3 | 9 |
| **15** Sa | 0246 | 4.4 | 134 |
| | 0916 | 0.4 | 12 |
| | 1526 | 3.3 | 101 |
| | 2113 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0402 | 4.4 | 134 |
| | 1028 | 0.4 | 12 |
| | 1640 | 3.4 | 104 |
| | 2225 | 0.3 | 9 |
| **17** M | 0510 | 4.5 | 137 |
| | 1129 | 0.2 | 6 |
| | 1742 | 3.7 | 113 |
| | 2329 | 0.1 | 3 |
| **18** Tu | 0608 | 4.6 | 140 |
| | 1220 | 0.1 | 3 |
| | 1835 | 4.0 | 122 |
| **19** W | 0025 | −0.1 | −3 |
| | 0657 | 4.6 | 140 |
| | 1304 | −0.1 | −3 |
| | 1919 | 4.2 | 128 |
| **20** Th | 0113 | −0.2 | −6 |
| | 0740 | 4.6 | 140 |
| | 1343 | −0.1 | −3 |
| | 1959 | 4.4 | 134 |
| **21** F ○ | 0158 | −0.3 | −9 |
| | 0819 | 4.5 | 137 |
| | 1419 | −0.2 | −6 |
| | 2036 | 4.5 | 137 |
| **22** Sa | 0239 | −0.3 | −9 |
| | 0855 | 4.4 | 134 |
| | 1453 | −0.1 | −3 |
| | 2111 | 4.6 | 140 |
| **23** Su | 0318 | −0.2 | −6 |
| | 0929 | 4.2 | 128 |
| | 1526 | 0.0 | 0 |
| | 2145 | 4.6 | 140 |
| **24** M | 0357 | −0.1 | −3 |
| | 1004 | 3.9 | 119 |
| | 1559 | 0.2 | 6 |
| | 2221 | 4.5 | 137 |
| **25** Tu | 0436 | 0.1 | 3 |
| | 1040 | 3.7 | 113 |
| | 1633 | 0.3 | 9 |
| | 2258 | 4.4 | 134 |
| **26** W | 0517 | 0.3 | 9 |
| | 1118 | 3.5 | 107 |
| | 1710 | 0.5 | 15 |
| | 2340 | 4.3 | 131 |
| **27** Th | 0601 | 0.6 | 18 |
| | 1200 | 3.3 | 101 |
| | 1751 | 0.7 | 21 |
| **28** F | 0027 | 4.1 | 125 |
| | 0651 | 0.8 | 24 |
| | 1249 | 3.1 | 94 |
| | 1839 | 0.8 | 24 |
| **29** Sa ◑ | 0121 | 4.0 | 122 |
| | 0748 | 0.9 | 27 |
| | 1345 | 3.0 | 91 |
| | 1937 | 0.9 | 27 |
| **30** Su | 0221 | 3.9 | 119 |
| | 0850 | 0.9 | 27 |
| | 1449 | 3.0 | 91 |
| | 2041 | 0.9 | 27 |
| **31** M | 0325 | 4.0 | 122 |
| | 0950 | 0.8 | 24 |
| | 1553 | 3.2 | 98 |
| | 2146 | 0.7 | 21 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Breakwater Harbor, Delaware, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0425 | 4.1 | 125 | 16 W | 0543 | 4.3 | 131 |
| | 1044 | 0.6 | 18 | | 1150 | 0.2 | 6 |
| | 1651 | 3.5 | 107 | | 1812 | 4.2 | 128 |
| | 2246 | 0.5 | 15 | | | | |
| 2 W | 0520 | 4.3 | 131 | 17 Th | 0010 | 0.2 | 6 |
| | 1131 | 0.4 | 12 | | 0631 | 4.3 | 131 |
| | 1743 | 3.9 | 119 | | 1231 | 0.1 | 3 |
| | 2341 | 0.2 | 6 | | 1854 | 4.5 | 137 |
| 3 Th | 0609 | 4.5 | 137 | 18 F | 0057 | 0.1 | 3 |
| | 1215 | 0.1 | 3 | | 0713 | 4.2 | 128 |
| | 1831 | 4.3 | 131 | | 1309 | 0.1 | 3 |
| | | | | | 1933 | 4.6 | 140 |
| 4 F | 0033 | −0.1 | −3 | 19 Sa | 0140 | 0.0 | 0 |
| | 0656 | 4.6 | 140 | | 0752 | 4.1 | 125 |
| | 1257 | −0.2 | −6 | | 1344 | 0.1 | 3 |
| | 1917 | 4.7 | 143 | | 2008 | 4.7 | 143 |
| 5 Sa ● | 0123 | −0.4 | −12 | 20 Su ○ | 0220 | 0.0 | 0 |
| | 0742 | 4.6 | 140 | | 0827 | 4.0 | 122 |
| | 1339 | −0.4 | −12 | | 1418 | 0.2 | 6 |
| | 2002 | 5.1 | 155 | | 2042 | 4.8 | 146 |
| 6 Su | 0212 | −0.6 | −18 | 21 M | 0258 | 0.0 | 0 |
| | 0828 | 4.6 | 140 | | 0902 | 3.9 | 119 |
| | 1422 | −0.5 | −15 | | 1451 | 0.3 | 9 |
| | 2048 | 5.4 | 165 | | 2117 | 4.8 | 146 |
| 7 M | 0301 | −0.6 | −18 | 22 Tu | 0336 | 0.1 | 3 |
| | 0915 | 4.5 | 137 | | 0938 | 3.7 | 113 |
| | 1506 | −0.6 | −18 | | 1525 | 0.4 | 12 |
| | 2135 | 5.5 | 168 | | 2152 | 4.7 | 143 |
| 8 Tu | 0352 | −0.6 | −18 | 23 W | 0414 | 0.3 | 9 |
| | 1003 | 4.3 | 131 | | 1014 | 3.6 | 110 |
| | 1553 | −0.5 | −15 | | 1600 | 0.5 | 15 |
| | 2225 | 5.4 | 165 | | 2231 | 4.6 | 140 |
| 9 W | 0445 | −0.4 | −12 | 24 Th | 0453 | 0.4 | 12 |
| | 1055 | 4.0 | 122 | | 1053 | 3.4 | 104 |
| | 1643 | −0.3 | −9 | | 1638 | 0.6 | 18 |
| | 2318 | 5.3 | 162 | | 2312 | 4.5 | 137 |
| 10 Th | 0542 | −0.2 | −6 | 25 F | 0535 | 0.6 | 18 |
| | 1151 | 3.8 | 116 | | 1136 | 3.3 | 101 |
| | 1738 | 0.0 | 0 | | 1720 | 0.7 | 21 |
| | | | | | 2357 | 4.3 | 131 |
| 11 F | 0017 | 5.0 | 152 | 26 Sa | 0621 | 0.7 | 21 |
| | 0643 | 0.1 | 3 | | 1223 | 3.2 | 98 |
| | 1254 | 3.6 | 110 | | 1808 | 0.8 | 24 |
| | 1840 | 0.2 | 6 | | | | |
| 12 Sa ◐ | 0122 | 4.7 | 143 | 27 Su | 0047 | 4.2 | 128 |
| | 0751 | 0.3 | 9 | | 0712 | 0.8 | 24 |
| | 1404 | 3.5 | 107 | | 1316 | 3.2 | 98 |
| | 1950 | 0.4 | 12 | | 1903 | 0.9 | 27 |
| 13 Su | 0232 | 4.5 | 137 | 28 M ◑ | 0142 | 4.1 | 125 |
| | 0900 | 0.4 | 12 | | 0806 | 0.8 | 24 |
| | 1516 | 3.6 | 110 | | 1414 | 3.3 | 101 |
| | 2103 | 0.5 | 15 | | 2005 | 0.9 | 27 |
| 14 M | 0343 | 4.4 | 134 | 29 Tu | 0239 | 4.1 | 125 |
| | 1005 | 0.4 | 12 | | 0900 | 0.7 | 21 |
| | 1624 | 3.7 | 113 | | 1514 | 3.5 | 107 |
| | 2214 | 0.4 | 12 | | 2109 | 0.7 | 21 |
| 15 Tu | 0448 | 4.3 | 131 | 30 W | 0338 | 4.1 | 125 |
| | 1101 | 0.3 | 9 | | 0953 | 0.5 | 15 |
| | 1722 | 4.0 | 122 | | 1611 | 3.9 | 119 |
| | 2316 | 0.3 | 9 | | 2212 | 0.5 | 15 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Th | 0434 | 4.2 | 128 | 16 F | 0558 | 3.8 | 116 |
| | 1043 | 0.2 | 6 | | 1153 | 0.3 | 9 |
| | 1705 | 4.3 | 131 | | 1824 | 4.5 | 137 |
| | 2311 | 0.2 | 6 | | | | |
| 2 F | 0529 | 4.3 | 131 | 17 Sa | 0036 | 0.3 | 9 |
| | 1131 | 0.0 | 0 | | 0642 | 3.7 | 113 |
| | 1757 | 4.7 | 143 | | 1231 | 0.3 | 9 |
| | | | | | 1903 | 4.7 | 143 |
| 3 Sa | 0008 | −0.1 | −3 | 18 Su | 0120 | 0.3 | 9 |
| | 0622 | 4.3 | 131 | | 0723 | 3.7 | 113 |
| | 1218 | −0.3 | −9 | | 1308 | 0.3 | 9 |
| | 1847 | 5.2 | 158 | | 1940 | 4.8 | 146 |
| 4 Su | 0102 | −0.3 | −9 | 19 M ○ | 0200 | 0.2 | 6 |
| | 0713 | 4.3 | 131 | | 0801 | 3.6 | 110 |
| | 1305 | −0.4 | −12 | | 1344 | 0.4 | 12 |
| | 1936 | 5.5 | 168 | | 2016 | 4.8 | 146 |
| 5 M ● | 0155 | −0.5 | −15 | 20 Tu | 0239 | 0.2 | 6 |
| | 0805 | 4.3 | 131 | | 0838 | 3.5 | 107 |
| | 1353 | −0.5 | −15 | | 1420 | 0.4 | 12 |
| | 2026 | 5.7 | 174 | | 2053 | 4.8 | 146 |
| 6 Tu | 0247 | −0.6 | −18 | 21 W | 0317 | 0.3 | 9 |
| | 0856 | 4.2 | 128 | | 0916 | 3.5 | 107 |
| | 1442 | −0.5 | −15 | | 1457 | 0.5 | 15 |
| | 2117 | 5.7 | 174 | | 2131 | 4.8 | 146 |
| 7 W | 0340 | −0.6 | −18 | 22 Th | 0354 | 0.3 | 9 |
| | 0949 | 4.1 | 125 | | 0954 | 3.4 | 104 |
| | 1534 | −0.4 | −12 | | 1534 | 0.5 | 15 |
| | 2210 | 5.6 | 171 | | 2210 | 4.7 | 143 |
| 8 Th | 0435 | −0.4 | −12 | 23 F | 0433 | 0.4 | 12 |
| | 1044 | 4.0 | 122 | | 1033 | 3.4 | 104 |
| | 1628 | −0.2 | −6 | | 1613 | 0.6 | 18 |
| | 2306 | 5.4 | 165 | | 2250 | 4.6 | 140 |
| 9 F | 0531 | −0.2 | −6 | 24 Sa | 0513 | 0.5 | 15 |
| | 1142 | 3.9 | 119 | | 1115 | 3.4 | 104 |
| | 1726 | 0.0 | 0 | | 1656 | 0.6 | 18 |
| | | | | | 2333 | 4.5 | 137 |
| 10 Sa | 0004 | 5.1 | 155 | 25 Su | 0555 | 0.5 | 15 |
| | 0631 | 0.0 | 0 | | 1200 | 3.4 | 104 |
| | 1244 | 3.8 | 116 | | 1743 | 0.7 | 21 |
| | 1829 | 0.3 | 9 | | | | |
| 11 Su ◐ | 0106 | 4.8 | 146 | 26 M | 0018 | 4.4 | 134 |
| | 0732 | 0.2 | 6 | | 0640 | 0.5 | 15 |
| | 1349 | 3.8 | 116 | | 1250 | 3.5 | 107 |
| | 1936 | 0.4 | 12 | | 1836 | 0.7 | 21 |
| 12 M | 0210 | 4.5 | 137 | 27 Tu ◑ | 0107 | 4.3 | 131 |
| | 0833 | 0.3 | 9 | | 0727 | 0.5 | 15 |
| | 1455 | 3.8 | 116 | | 1342 | 3.6 | 110 |
| | 2045 | 0.6 | 18 | | 1935 | 0.7 | 21 |
| 13 Tu | 0313 | 4.3 | 131 | 28 W | 0159 | 4.2 | 128 |
| | 0931 | 0.3 | 9 | | 0816 | 0.4 | 12 |
| | 1557 | 4.0 | 122 | | 1438 | 3.9 | 119 |
| | 2153 | 0.6 | 18 | | 2037 | 0.6 | 18 |
| 14 W | 0414 | 4.1 | 125 | 29 Th | 0255 | 4.1 | 125 |
| | 1024 | 0.3 | 9 | | 0907 | 0.2 | 6 |
| | 1652 | 4.2 | 128 | | 1534 | 4.2 | 128 |
| | 2254 | 0.5 | 15 | | 2142 | 0.5 | 15 |
| 15 Th | 0508 | 3.9 | 119 | 30 F | 0353 | 4.0 | 122 |
| | 1110 | 0.3 | 9 | | 0959 | 0.1 | 3 |
| | 1741 | 4.4 | 134 | | 1631 | 4.6 | 140 |
| | 2348 | 0.4 | 12 | | 2245 | 0.3 | 9 |
| | | | | 31 Sa | 0452 | 4.0 | 122 |
| | | | | | 1051 | −0.1 | −3 |
| | | | | | 1726 | 5.0 | 152 |
| | | | | | 2345 | 0.0 | 0 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Su | 0551 | 4.0 | 122 | 16 M | 0057 | 0.5 | 15 |
| | 1144 | −0.3 | −9 | | 0653 | 3.3 | 101 |
| | 1821 | 5.4 | 165 | | 1235 | 0.5 | 15 |
| | | | | | 1913 | 4.7 | 143 |
| 2 M | 0043 | −0.2 | −6 | 17 Tu | 0140 | 0.4 | 12 |
| | 0649 | 4.0 | 122 | | 0735 | 3.3 | 101 |
| | 1237 | −0.4 | −12 | | 1315 | 0.5 | 15 |
| | 1915 | 5.6 | 171 | | 1953 | 4.8 | 146 |
| 3 Tu ● | 0139 | −0.4 | −12 | 18 W ○ | 0219 | 0.4 | 12 |
| | 0745 | 4.0 | 122 | | 0815 | 3.4 | 104 |
| | 1330 | −0.5 | −15 | | 1354 | 0.4 | 12 |
| | 2009 | 5.7 | 174 | | 2032 | 4.8 | 146 |
| 4 W | 0234 | −0.5 | −15 | 19 Th | 0257 | 0.3 | 9 |
| | 0841 | 4.0 | 122 | | 0854 | 3.4 | 104 |
| | 1424 | −0.5 | −15 | | 1433 | 0.4 | 12 |
| | 2103 | 5.7 | 174 | | 2111 | 4.8 | 146 |
| 5 Th | 0328 | −0.5 | −15 | 20 F | 0334 | 0.3 | 9 |
| | 0936 | 4.0 | 122 | | 0933 | 3.4 | 104 |
| | 1519 | −0.4 | −12 | | 1513 | 0.4 | 12 |
| | 2158 | 5.6 | 171 | | 2150 | 4.8 | 146 |
| 6 F | 0422 | −0.4 | −12 | 21 Sa | 0410 | 0.3 | 9 |
| | 1032 | 4.0 | 122 | | 1013 | 3.5 | 107 |
| | 1614 | −0.2 | −6 | | 1553 | 0.4 | 12 |
| | 2252 | 5.4 | 165 | | 2229 | 4.7 | 143 |
| 7 Sa | 0516 | −0.3 | −9 | 22 Su | 0448 | 0.3 | 9 |
| | 1128 | 4.0 | 122 | | 1054 | 3.6 | 110 |
| | 1712 | 0.0 | 0 | | 1636 | 0.4 | 12 |
| | 2347 | 5.1 | 155 | | 2309 | 4.6 | 140 |
| 8 Su | 0610 | −0.1 | −3 | 23 M | 0526 | 0.2 | 6 |
| | 1225 | 4.0 | 122 | | 1137 | 3.7 | 113 |
| | 1812 | 0.2 | 6 | | 1722 | 0.5 | 15 |
| | | | | | 2351 | 4.5 | 137 |
| 9 M | 0042 | 4.7 | 143 | 24 Tu | 0607 | 0.2 | 6 |
| | 0704 | 0.0 | 0 | | 1223 | 3.8 | 116 |
| | 1323 | 4.0 | 122 | | 1813 | 0.5 | 15 |
| | 1914 | 0.4 | 12 | | | | |
| 10 Tu ◐ | 0138 | 4.4 | 134 | 25 W | 0036 | 4.3 | 131 |
| | 0757 | 0.2 | 6 | | 0651 | 0.2 | 6 |
| | 1422 | 4.0 | 122 | | 1313 | 4.0 | 122 |
| | 2019 | 0.6 | 18 | | 1910 | 0.6 | 18 |
| 11 W | 0234 | 4.0 | 122 | 26 Th ◑ | 0125 | 4.1 | 125 |
| | 0849 | 0.3 | 9 | | 0738 | 0.1 | 3 |
| | 1519 | 4.1 | 125 | | 1406 | 4.3 | 131 |
| | 2123 | 0.7 | 21 | | 2012 | 0.5 | 15 |
| 12 Th | 0330 | 3.8 | 116 | 27 F | 0220 | 3.9 | 119 |
| | 0939 | 0.4 | 12 | | 0829 | 0.1 | 3 |
| | 1613 | 4.2 | 128 | | 1503 | 4.5 | 137 |
| | 2224 | 0.7 | 21 | | 2117 | 0.5 | 15 |
| 13 F | 0426 | 3.6 | 110 | 28 Sa | 0320 | 3.8 | 116 |
| | 1026 | 0.4 | 12 | | 0924 | 0.0 | 0 |
| | 1703 | 4.4 | 134 | | 1602 | 4.8 | 146 |
| | 2321 | 0.6 | 18 | | 2223 | 0.3 | 9 |
| 14 Sa | 0518 | 3.4 | 104 | 29 Su | 0424 | 3.7 | 113 |
| | 1111 | 0.5 | 15 | | 1021 | −0.1 | −3 |
| | 1749 | 4.5 | 137 | | 1702 | 5.1 | 155 |
| | | | | | 2327 | 0.1 | 3 |
| 15 Su | 0012 | 0.6 | 18 | 30 M | 0528 | 3.7 | 113 |
| | 0607 | 3.4 | 104 | | 1119 | −0.2 | −6 |
| | 1154 | 0.5 | 15 | | 1802 | 5.3 | 162 |
| | 1832 | 4.6 | 140 | | | | |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Breakwater Harbor, Delaware, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm | h m | ft | cm | h m | ft | cm |
| **1** Tu | 0028 | −0.1 | −3 | **16** W | 0115 | 0.6 | 18 | **1** F ● | 0204 | −0.2 | −6 | **16** Sa ○ | 0156 | 0.3 | 9 |
| | 0631 | 3.7 | 113 | | 0707 | 3.3 | 101 | | 0812 | 4.2 | 128 | | 0800 | 3.9 | 119 |
| | 1217 | −0.3 | −9 | | 1249 | 0.5 | 15 | | 1358 | −0.3 | −9 | | 1348 | 0.2 | 6 |
| | 1900 | 5.5 | 168 | | 1930 | 4.7 | 143 | | 2036 | 5.5 | 168 | | 2021 | 4.9 | 149 |
| **2** W ● | 0126 | −0.2 | −6 | **17** Th | 0154 | 0.5 | 15 | **2** Sa | 0252 | −0.3 | −9 | **17** Su | 0231 | 0.2 | 6 |
| | 0730 | 3.9 | 119 | | 0750 | 3.4 | 104 | | 0902 | 4.3 | 131 | | 0840 | 4.1 | 125 |
| | 1314 | −0.4 | −12 | | 1331 | 0.4 | 12 | | 1451 | −0.3 | −9 | | 1430 | 0.1 | 3 |
| | 1957 | 5.6 | 171 | | 2010 | 4.8 | 146 | | 2123 | 5.3 | 162 | | 2059 | 4.9 | 149 |
| **3** Th | 0220 | −0.4 | −12 | **18** F ○ | 0231 | 0.4 | 12 | **3** Su | 0337 | −0.3 | −9 | **18** M | 0306 | 0.1 | 3 |
| | 0827 | 4.0 | 122 | | 0830 | 3.5 | 107 | | 0950 | 4.4 | 134 | | 0920 | 4.4 | 134 |
| | 1410 | −0.4 | −12 | | 1411 | 0.3 | 9 | | 1541 | −0.2 | −6 | | 1513 | 0.1 | 3 |
| | 2051 | 5.6 | 171 | | 2049 | 4.9 | 149 | | 2208 | 5.1 | 155 | | 2138 | 4.8 | 146 |
| **4** F | 0313 | −0.4 | −12 | **19** Sa | 0307 | 0.3 | 9 | **4** M | 0420 | −0.2 | −6 | **19** Tu | 0343 | 0.0 | 0 |
| | 0921 | 4.1 | 125 | | 0909 | 3.7 | 113 | | 1036 | 4.5 | 137 | | 1000 | 4.6 | 140 |
| | 1505 | −0.4 | −12 | | 1452 | 0.3 | 9 | | 1631 | 0.0 | 0 | | 1558 | 0.1 | 3 |
| | 2143 | 5.5 | 168 | | 2127 | 4.9 | 149 | | 2252 | 4.8 | 146 | | 2218 | 4.7 | 143 |
| **5** Sa | 0403 | −0.4 | −12 | **20** Su | 0341 | 0.2 | 6 | **5** Tu | 0502 | 0.0 | 0 | **20** W | 0421 | −0.1 | −3 |
| | 1014 | 4.2 | 128 | | 0948 | 3.8 | 116 | | 1122 | 4.5 | 137 | | 1043 | 4.7 | 143 |
| | 1559 | −0.3 | −9 | | 1533 | 0.2 | 6 | | 1721 | 0.2 | 6 | | 1646 | 0.2 | 6 |
| | 2233 | 5.3 | 162 | | 2205 | 4.8 | 146 | | 2335 | 4.4 | 134 | | 2301 | 4.4 | 134 |
| **6** Su | 0452 | −0.3 | −9 | **21** M | 0417 | 0.1 | 3 | **6** W | 0544 | 0.2 | 6 | **21** Th | 0502 | 0.0 | 0 |
| | 1105 | 4.2 | 128 | | 1028 | 4.0 | 122 | | 1207 | 4.4 | 134 | | 1129 | 4.8 | 146 |
| | 1654 | −0.1 | −3 | | 1616 | 0.3 | 9 | | 1813 | 0.5 | 15 | | 1738 | 0.3 | 9 |
| | 2322 | 5.0 | 152 | | 2243 | 4.7 | 143 | | | | | | 2348 | 4.2 | 128 |
| **7** M | 0540 | −0.2 | −6 | **22** Tu | 0454 | 0.0 | 0 | **7** Th | 0020 | 4.0 | 122 | **22** F | 0548 | 0.1 | 3 |
| | 1157 | 4.2 | 128 | | 1111 | 4.1 | 125 | | 0627 | 0.4 | 12 | | 1220 | 4.9 | 149 |
| | 1749 | 0.2 | 6 | | 1703 | 0.3 | 9 | | 1255 | 4.3 | 131 | | 1835 | 0.4 | 12 |
| | | | | | 2324 | 4.5 | 137 | | 1907 | 0.7 | 21 | | | | |
| **8** Tu | 0011 | 4.6 | 140 | **23** W | 0534 | 0.0 | 0 | **8** F ◐ | 0107 | 3.7 | 113 | **23** Sa ◑ | 0040 | 3.9 | 119 |
| | 0627 | 0.0 | 0 | | 1156 | 4.3 | 131 | | 0712 | 0.6 | 18 | | 0639 | 0.2 | 6 |
| | 1249 | 4.2 | 128 | | 1754 | 0.4 | 12 | | 1345 | 4.3 | 131 | | 1317 | 4.9 | 149 |
| | 1846 | 0.4 | 12 | | | | | | 2006 | 0.9 | 27 | | 1939 | 0.6 | 18 |
| **9** W ◐ | 0100 | 4.2 | 128 | **24** Th | 0009 | 4.3 | 131 | **9** Sa | 0158 | 3.4 | 104 | **24** Su | 0141 | 3.7 | 113 |
| | 0714 | 0.2 | 6 | | 0617 | 0.0 | 0 | | 0800 | 0.8 | 24 | | 0738 | 0.3 | 9 |
| | 1341 | 4.2 | 128 | | 1245 | 4.4 | 134 | | 1439 | 4.2 | 128 | | 1421 | 4.9 | 149 |
| | 1945 | 0.6 | 18 | | 1850 | 0.5 | 15 | | 2108 | 1.0 | 30 | | 2048 | 0.6 | 18 |
| **10** Th | 0150 | 3.8 | 116 | **25** F ◑ | 0059 | 4.0 | 122 | **10** Su | 0255 | 3.2 | 98 | **25** M | 0250 | 3.5 | 107 |
| | 0801 | 0.4 | 12 | | 0705 | 0.1 | 3 | | 0854 | 0.9 | 27 | | 0843 | 0.4 | 12 |
| | 1434 | 4.2 | 128 | | 1339 | 4.6 | 140 | | 1537 | 4.2 | 128 | | 1530 | 4.9 | 149 |
| | 2047 | 0.8 | 24 | | 1953 | 0.5 | 15 | | 2211 | 1.0 | 30 | | 2159 | 0.6 | 18 |
| **11** F | 0244 | 3.5 | 107 | **26** Sa | 0155 | 3.8 | 116 | **11** M | 0356 | 3.1 | 94 | **26** Tu | 0402 | 3.6 | 110 |
| | 0850 | 0.5 | 15 | | 0759 | 0.1 | 3 | | 0950 | 0.9 | 27 | | 0951 | 0.3 | 9 |
| | 1527 | 4.2 | 128 | | 1438 | 4.7 | 143 | | 1635 | 4.3 | 131 | | 1639 | 5.0 | 152 |
| | 2149 | 0.8 | 24 | | 2100 | 0.5 | 15 | | 2309 | 1.0 | 30 | | 2305 | 0.4 | 12 |
| **12** Sa | 0340 | 3.3 | 101 | **27** Su | 0259 | 3.6 | 110 | **12** Tu | 0456 | 3.2 | 98 | **27** W | 0511 | 3.7 | 113 |
| | 0940 | 0.6 | 18 | | 0858 | 0.1 | 3 | | 1045 | 0.8 | 24 | | 1057 | 0.2 | 6 |
| | 1621 | 4.3 | 131 | | 1542 | 4.9 | 149 | | 1729 | 4.4 | 134 | | 1743 | 5.1 | 155 |
| | 2248 | 0.8 | 24 | | 2208 | 0.4 | 12 | | 2359 | 0.8 | 24 | | | | |
| **13** Su | 0437 | 3.2 | 98 | **28** M | 0407 | 3.5 | 107 | **13** W | 0549 | 3.3 | 101 | **28** Th | 0004 | 0.2 | 6 |
| | 1029 | 0.7 | 21 | | 1001 | 0.1 | 3 | | 1136 | 0.7 | 21 | | 0612 | 4.0 | 122 |
| | 1712 | 4.4 | 134 | | 1647 | 5.1 | 155 | | 1818 | 4.6 | 140 | | 1158 | 0.0 | 0 |
| | 2343 | 0.8 | 24 | | 2315 | 0.3 | 9 | | | | | | 1839 | 5.2 | 158 |
| **14** M | 0532 | 3.2 | 98 | **29** Tu | 0516 | 3.6 | 110 | **14** Th | 0042 | 0.7 | 21 | **29** F | 0055 | 0.1 | 3 |
| | 1118 | 0.7 | 21 | | 1104 | 0.0 | 0 | | 0636 | 3.5 | 107 | | 0706 | 4.2 | 128 |
| | 1801 | 4.5 | 137 | | 1751 | 5.2 | 158 | | 1222 | 0.5 | 15 | | 1255 | −0.1 | −3 |
| | | | | | | | | | 1902 | 4.8 | 146 | | 1930 | 5.3 | 162 |
| **15** Tu | 0031 | 0.7 | 21 | **30** W | 0016 | 0.1 | 3 | **15** F | 0121 | 0.5 | 15 | **30** Sa ● | 0142 | −0.1 | −3 |
| | 0622 | 3.2 | 98 | | 0620 | 3.8 | 116 | | 0719 | 3.7 | 113 | | 0755 | 4.5 | 137 |
| | 1205 | 0.6 | 18 | | 1205 | −0.1 | −3 | | 1306 | 0.4 | 12 | | 1346 | −0.2 | −6 |
| | 1847 | 4.6 | 140 | | 1850 | 5.4 | 165 | | 1942 | 4.9 | 149 | | 2016 | 5.2 | 158 |
| | | | | **31** Th | 0112 | −0.1 | −3 | | | | | **31** Su | 0225 | −0.1 | −3 |
| | | | | | 0719 | 4.0 | 122 | | | | | | 0840 | 4.7 | 143 |
| | | | | | 1303 | −0.3 | −9 | | | | | | 1435 | −0.2 | −6 |
| | | | | | 1945 | 5.5 | 168 | | | | | | 2059 | 5.0 | 152 |

## September

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm | h m | ft | cm | h m | ft | cm |
| **1** M | 0305 | −0.1 | −3 | **16** Tu | 0229 | −0.1 | −3 | **1** Tu | 0344 | 0.0 | 0 | **16** W | 0308 | −0.2 | −6 |
| | 0922 | 4.8 | 146 | | 0850 | 5.0 | 152 | | 1003 | 4.8 | 146 | | 0933 | 5.1 | 155 |
| | 1521 | −0.1 | −3 | | 1453 | −0.1 | −3 | | 1607 | 0.1 | 3 | | 1541 | −0.1 | −3 |
| | 2140 | 4.8 | 146 | | 2111 | 4.7 | 143 | | 2220 | 4.5 | 137 | | 2154 | 4.6 | 140 |
| **2** Tu | 0344 | 0.0 | 0 | **17** W | 0308 | −0.2 | −6 | **3** W | 0422 | 0.2 | 6 | **18** Th | 0350 | −0.1 | −3 |
| | 1003 | 4.8 | 146 | | 0933 | 5.1 | 155 | | 1044 | 4.7 | 143 | | 1018 | 5.2 | 158 |
| | 1607 | 0.1 | 3 | | 1541 | −0.1 | −3 | | 1652 | 0.3 | 9 | | 1631 | 0.0 | 0 |
| | 2220 | 4.5 | 137 | | 2154 | 4.6 | 140 | | 2259 | 4.2 | 128 | | 2241 | 4.3 | 131 |
| **3** W | 0422 | 0.2 | 6 | **18** Th | 0350 | −0.1 | −3 | **4** Th | 0500 | 0.4 | 12 | **19** F | 0435 | 0.0 | 0 |
| | 1044 | 4.7 | 143 | | 1018 | 5.2 | 158 | | 1125 | 4.6 | 140 | | 1107 | 5.2 | 158 |
| | 1652 | 0.3 | 9 | | 1631 | 0.0 | 0 | | 1739 | 0.6 | 18 | | 1724 | 0.2 | 6 |
| | 2259 | 4.2 | 128 | | 2241 | 4.3 | 131 | | 2341 | 3.8 | 116 | | 2332 | 4.0 | 122 |
| **4** Th | 0500 | 0.4 | 12 | **19** F | 0435 | 0.0 | 0 | **5** F | 0540 | 0.6 | 18 | **20** Sa | 0525 | 0.1 | 3 |
| | 1125 | 4.6 | 140 | | 1107 | 5.2 | 158 | | 1209 | 4.5 | 137 | | 1201 | 5.1 | 155 |
| | 1739 | 0.6 | 18 | | 1724 | 0.2 | 6 | | 1830 | 0.8 | 24 | | 1824 | 0.4 | 12 |
| | 2341 | 3.8 | 116 | | 2332 | 4.0 | 122 | | | | | | | | |
| **5** F | 0540 | 0.6 | 18 | **20** Sa | 0525 | 0.1 | 3 | **6** Sa | 0026 | 3.5 | 107 | **21** Su | 0029 | 3.8 | 116 |
| | 1209 | 4.5 | 137 | | 1201 | 5.1 | 155 | | 0623 | 0.8 | 24 | | 0621 | 0.3 | 9 |
| | 1830 | 0.8 | 24 | | 1824 | 0.4 | 12 | | 1258 | 4.3 | 131 | | 1302 | 5.0 | 152 |
| | | | | | | | | | 1925 | 1.0 | 30 | | 1929 | 0.5 | 15 |
| **6** Sa | 0026 | 3.5 | 107 | **21** Su | 0029 | 3.8 | 116 | **7** Su ◐ | 0117 | 3.3 | 101 | **22** M ◑ | 0135 | 3.6 | 110 |
| | 0623 | 0.8 | 24 | | 0621 | 0.3 | 9 | | 0713 | 1.0 | 30 | | 0724 | 0.5 | 15 |
| | 1258 | 4.3 | 131 | | 1302 | 5.0 | 152 | | 1353 | 4.2 | 128 | | 1410 | 4.9 | 149 |
| | 1925 | 1.0 | 30 | | 1929 | 0.5 | 15 | | 2026 | 1.2 | 37 | | 2040 | 0.6 | 18 |
| **7** Su | 0117 | 3.3 | 101 | **22** M | 0135 | 3.6 | 110 | **8** M | 0215 | 3.2 | 98 | **23** Tu | 0248 | 3.6 | 110 |
| | 0713 | 1.0 | 30 | | 0724 | 0.5 | 15 | | 0809 | 1.1 | 34 | | 0835 | 0.5 | 15 |
| | 1353 | 4.2 | 128 | | 1410 | 4.9 | 149 | | 1454 | 4.2 | 128 | | 1522 | 4.8 | 146 |
| | 2026 | 1.2 | 37 | | 2040 | 0.6 | 18 | | 2129 | 1.2 | 37 | | 2149 | 0.6 | 18 |
| **8** M | 0215 | 3.2 | 98 | **23** Tu | 0248 | 3.6 | 110 | **9** Tu | 0317 | 3.2 | 98 | **24** W | 0400 | 3.7 | 113 |
| | 0809 | 1.1 | 34 | | 0835 | 0.5 | 15 | | 0910 | 1.1 | 34 | | 0946 | 0.5 | 15 |
| | 1454 | 4.2 | 128 | | 1522 | 4.8 | 146 | | 1555 | 4.3 | 131 | | 1630 | 4.9 | 149 |
| | 2129 | 1.2 | 37 | | 2149 | 0.6 | 18 | | 2228 | 1.1 | 34 | | 2252 | 0.4 | 12 |
| **9** Tu | 0317 | 3.2 | 98 | **24** W | 0400 | 3.7 | 113 | **10** W | 0419 | 3.3 | 101 | **25** Th | 0505 | 4.0 | 122 |
| | 0910 | 1.1 | 34 | | 0946 | 0.5 | 15 | | 1010 | 1.0 | 30 | | 1052 | 0.3 | 9 |
| | 1555 | 4.3 | 131 | | 1630 | 4.9 | 149 | | 1651 | 4.4 | 134 | | 1731 | 4.9 | 149 |
| | 2228 | 1.1 | 34 | | 2252 | 0.4 | 12 | | 2318 | 0.9 | 27 | | 2345 | 0.3 | 9 |
| **10** W | 0419 | 3.3 | 101 | **25** Th | 0505 | 4.0 | 122 | **11** Th | 0513 | 3.5 | 107 | **26** F | 0601 | 4.3 | 131 |
| | 1010 | 1.0 | 30 | | 1052 | 0.3 | 9 | | 1104 | 0.8 | 24 | | 1152 | 0.2 | 6 |
| | 1651 | 4.4 | 134 | | 1731 | 4.9 | 149 | | 1741 | 4.6 | 140 | | 1824 | 4.9 | 149 |
| | 2318 | 0.9 | 27 | | 2345 | 0.3 | 9 | | | | | | | | |
| **11** Th | 0513 | 3.5 | 107 | **26** F | 0601 | 4.3 | 131 | **12** F | 0000 | 0.7 | 21 | **27** Sa | 0032 | 0.1 | 3 |
| | 1104 | 0.8 | 24 | | 1152 | 0.2 | 6 | | 0602 | 3.7 | 113 | | 0650 | 4.5 | 137 |
| | 1741 | 4.6 | 140 | | 1824 | 4.9 | 149 | | 1153 | 0.6 | 18 | | 1244 | 0.1 | 3 |
| | | | | | | | | | 1826 | 4.7 | 143 | | 1910 | 4.9 | 149 |
| **12** F | 0000 | 0.7 | 21 | **27** Sa | 0032 | 0.1 | 3 | **13** Sa | 0039 | 0.5 | 15 | **28** Su | 0115 | 0.0 | 0 |
| | 0602 | 3.7 | 113 | | 0650 | 4.5 | 137 | | 0646 | 4.1 | 125 | | 0734 | 4.8 | 146 |
| | 1153 | 0.6 | 18 | | 1244 | 0.1 | 3 | | 1239 | 0.3 | 9 | | 1333 | 0.0 | 0 |
| | 1826 | 4.7 | 143 | | 1910 | 4.9 | 149 | | 1908 | 4.8 | 146 | | 1953 | 4.8 | 146 |
| **13** Sa | 0039 | 0.5 | 15 | **28** Su | 0115 | 0.0 | 0 | **14** Su | 0115 | 0.3 | 9 | **29** M ● | 0154 | 0.0 | 0 |
| | 0646 | 4.1 | 125 | | 0734 | 4.8 | 146 | | 0727 | 4.4 | 134 | | 0815 | 4.9 | 149 |
| | 1239 | 0.3 | 9 | | 1333 | 0.0 | 0 | | 1324 | 0.1 | 3 | | 1418 | 0.0 | 0 |
| | 1908 | 4.8 | 146 | | 1953 | 4.8 | 146 | | 1949 | 4.9 | 149 | | 2033 | 4.6 | 140 |
| **14** Su | 0115 | 0.3 | 9 | **29** M | 0154 | 0.0 | 0 | **15** M ○ | 0152 | 0.1 | 3 | **30** Tu | 0231 | 0.1 | 3 |
| | 0727 | 4.4 | 134 | | 0815 | 4.9 | 149 | | 0808 | 4.7 | 143 | | 0853 | 5.0 | 152 |
| | 1324 | 0.1 | 3 | | 1418 | 0.0 | 0 | | 1408 | 0.0 | 0 | | 1501 | 0.1 | 3 |
| | 1949 | 4.9 | 149 | | 2033 | 4.6 | 140 | | 2029 | 4.9 | 149 | | 2111 | 4.4 | 134 |
| **15** M | 0152 | 0.1 | 3 | **30** Tu | 0231 | 0.1 | 3 | | | | | | | | |
| | 0808 | 4.7 | 143 | | 0853 | 5.0 | 152 | | | | | | | | |
| | 1408 | 0.0 | 0 | | 1501 | 0.1 | 3 | | | | | | | | |
| | 2029 | 4.9 | 149 | | 2111 | 4.4 | 134 | | | | | | | | |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Breakwater Harbor, Delaware, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0307 | 0.2 | 6 |
| | 0930 | 4.9 | 149 |
| | 1543 | 0.2 | 6 |
| | 2148 | 4.1 | 125 |
| **2** Th | 0342 | 0.4 | 12 |
| | 1008 | 4.9 | 149 |
| | 1625 | 0.4 | 12 |
| | 2227 | 3.9 | 119 |
| **3** F | 0419 | 0.5 | 15 |
| | 1047 | 4.7 | 143 |
| | 1708 | 0.6 | 18 |
| | 2307 | 3.6 | 110 |
| **4** Sa | 0458 | 0.7 | 21 |
| | 1130 | 4.6 | 140 |
| | 1755 | 0.8 | 24 |
| | 2351 | 3.4 | 104 |
| **5** Su | 0541 | 0.9 | 27 |
| | 1218 | 4.4 | 134 |
| | 1846 | 1.0 | 30 |
| **6** M | 0041 | 3.3 | 101 |
| | 0630 | 1.1 | 34 |
| | 1312 | 4.3 | 131 |
| | 1943 | 1.1 | 34 |
| **7** Tu ◐ | 0138 | 3.2 | 98 |
| | 0727 | 1.1 | 34 |
| | 1410 | 4.2 | 128 |
| | 2042 | 1.1 | 34 |
| **8** W | 0239 | 3.2 | 98 |
| | 0829 | 1.1 | 34 |
| | 1510 | 4.2 | 128 |
| | 2138 | 1.0 | 30 |
| **9** Th | 0339 | 3.4 | 104 |
| | 0931 | 1.0 | 30 |
| | 1607 | 4.3 | 131 |
| | 2228 | 0.8 | 24 |
| **10** F | 0434 | 3.7 | 113 |
| | 1029 | 0.8 | 24 |
| | 1658 | 4.4 | 134 |
| | 2312 | 0.6 | 18 |
| **11** Sa | 0524 | 4.0 | 122 |
| | 1121 | 0.5 | 15 |
| | 1746 | 4.5 | 137 |
| | 2353 | 0.3 | 9 |
| **12** Su | 0610 | 4.4 | 134 |
| | 1211 | 0.3 | 9 |
| | 1831 | 4.6 | 140 |
| **13** M | 0033 | 0.1 | 3 |
| | 0654 | 4.8 | 146 |
| | 1259 | 0.0 | 0 |
| | 1916 | 4.6 | 140 |
| **14** Tu ○ | 0113 | −0.1 | −3 |
| | 0738 | 5.1 | 155 |
| | 1347 | −0.2 | −6 |
| | 2000 | 4.6 | 140 |
| **15** W | 0155 | −0.3 | −9 |
| | 0822 | 5.4 | 165 |
| | 1435 | −0.3 | −9 |
| | 2046 | 4.5 | 137 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0238 | −0.3 | −9 |
| | 0908 | 5.6 | 171 |
| | 1525 | −0.3 | −9 |
| | 2134 | 4.3 | 131 |
| **17** F | 0324 | −0.3 | −9 |
| | 0957 | 5.6 | 171 |
| | 1617 | −0.2 | −6 |
| | 2225 | 4.1 | 125 |
| **18** Sa | 0413 | −0.1 | −3 |
| | 1050 | 5.5 | 168 |
| | 1713 | 0.0 | 0 |
| | 2320 | 3.9 | 119 |
| **19** Su | 0507 | 0.1 | 3 |
| | 1147 | 5.3 | 162 |
| | 1813 | 0.2 | 6 |
| **20** M | 0022 | 3.7 | 113 |
| | 0608 | 0.3 | 9 |
| | 1250 | 5.0 | 152 |
| | 1919 | 0.4 | 12 |
| **21** Tu ◑ | 0129 | 3.7 | 113 |
| | 0715 | 0.4 | 12 |
| | 1358 | 4.8 | 146 |
| | 2026 | 0.4 | 12 |
| **22** W | 0241 | 3.7 | 113 |
| | 0827 | 0.5 | 15 |
| | 1507 | 4.7 | 143 |
| | 2131 | 0.4 | 12 |
| **23** Th | 0350 | 3.9 | 119 |
| | 0938 | 0.5 | 15 |
| | 1612 | 4.6 | 140 |
| | 2229 | 0.3 | 9 |
| **24** F | 0451 | 4.2 | 128 |
| | 1043 | 0.4 | 12 |
| | 1711 | 4.5 | 137 |
| | 2319 | 0.2 | 6 |
| **25** Sa | 0543 | 4.4 | 134 |
| | 1141 | 0.3 | 9 |
| | 1802 | 4.4 | 134 |
| **26** Su | 0004 | 0.1 | 3 |
| | 0630 | 4.7 | 143 |
| | 1232 | 0.2 | 6 |
| | 1847 | 4.3 | 131 |
| **27** M | 0044 | 0.1 | 3 |
| | 0711 | 4.8 | 146 |
| | 1318 | 0.1 | 3 |
| | 1929 | 4.2 | 128 |
| **28** Tu ● | 0122 | 0.1 | 3 |
| | 0749 | 4.9 | 149 |
| | 1401 | 0.1 | 3 |
| | 2007 | 4.1 | 125 |
| **29** W | 0158 | 0.2 | 6 |
| | 0826 | 5.0 | 152 |
| | 1442 | 0.1 | 3 |
| | 2044 | 3.9 | 119 |
| **30** Th | 0233 | 0.3 | 9 |
| | 0902 | 4.9 | 149 |
| | 1521 | 0.2 | 6 |
| | 2121 | 3.7 | 113 |
| **31** F | 0309 | 0.4 | 12 |
| | 0939 | 4.8 | 146 |
| | 1601 | 0.3 | 9 |
| | 2159 | 3.6 | 110 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0346 | 0.5 | 15 |
| | 1018 | 4.7 | 143 |
| | 1642 | 0.5 | 15 |
| | 2239 | 3.4 | 104 |
| **2** Su | 0424 | 0.6 | 18 |
| | 1100 | 4.6 | 140 |
| | 1725 | 0.7 | 21 |
| | 2322 | 3.3 | 101 |
| **3** M | 0507 | 0.8 | 24 |
| | 1145 | 4.4 | 134 |
| | 1812 | 0.8 | 24 |
| **4** Tu | 0010 | 3.2 | 98 |
| | 0554 | 0.9 | 27 |
| | 1235 | 4.3 | 131 |
| | 1901 | 0.9 | 27 |
| **5** W ◐ | 0103 | 3.2 | 98 |
| | 0648 | 1.0 | 30 |
| | 1327 | 4.2 | 128 |
| | 1953 | 0.8 | 24 |
| **6** Th | 0159 | 3.3 | 101 |
| | 0748 | 1.0 | 30 |
| | 1422 | 4.1 | 125 |
| | 2045 | 0.7 | 21 |
| **7** F | 0257 | 3.5 | 107 |
| | 0850 | 0.9 | 27 |
| | 1518 | 4.1 | 125 |
| | 2135 | 0.6 | 18 |
| **8** Sa | 0353 | 3.8 | 116 |
| | 0951 | 0.7 | 21 |
| | 1612 | 4.1 | 125 |
| | 2222 | 0.3 | 9 |
| **9** Su | 0445 | 4.2 | 128 |
| | 1049 | 0.4 | 12 |
| | 1704 | 4.2 | 128 |
| | 2308 | 0.1 | 3 |
| **10** M | 0535 | 4.6 | 140 |
| | 1144 | 0.2 | 6 |
| | 1755 | 4.2 | 128 |
| | 2353 | −0.2 | −6 |
| **11** Tu | 0623 | 5.0 | 152 |
| | 1237 | −0.1 | −3 |
| | 1845 | 4.2 | 128 |
| **12** W | 0039 | −0.4 | −12 |
| | 0711 | 5.4 | 165 |
| | 1328 | −0.3 | −9 |
| | 1935 | 4.2 | 128 |
| **13** Th ○ | 0125 | −0.5 | −15 |
| | 0800 | 5.6 | 171 |
| | 1420 | −0.5 | −15 |
| | 2026 | 4.1 | 125 |
| **14** F | 0214 | −0.5 | −15 |
| | 0850 | 5.7 | 174 |
| | 1512 | −0.5 | −15 |
| | 2118 | 4.1 | 125 |
| **15** Sa | 0304 | −0.5 | −15 |
| | 0942 | 5.6 | 171 |
| | 1605 | −0.4 | −12 |
| | 2212 | 3.9 | 119 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0357 | −0.4 | −12 |
| | 1037 | 5.5 | 168 |
| | 1701 | −0.2 | −6 |
| | 2309 | 3.8 | 116 |
| **17** M | 0454 | −0.2 | −6 |
| | 1134 | 5.2 | 158 |
| | 1759 | −0.1 | −3 |
| **18** Tu | 0010 | 3.8 | 116 |
| | 0555 | 0.1 | 3 |
| | 1235 | 4.9 | 149 |
| | 1900 | 0.1 | 3 |
| **19** W ◑ | 0115 | 3.7 | 113 |
| | 0701 | 0.3 | 9 |
| | 1338 | 4.6 | 140 |
| | 2002 | 0.2 | 6 |
| **20** Th | 0222 | 3.8 | 116 |
| | 0811 | 0.4 | 12 |
| | 1442 | 4.3 | 131 |
| | 2101 | 0.2 | 6 |
| **21** F | 0327 | 4.0 | 122 |
| | 0922 | 0.4 | 12 |
| | 1544 | 4.1 | 125 |
| | 2157 | 0.2 | 6 |
| **22** Sa | 0426 | 4.2 | 128 |
| | 1027 | 0.4 | 12 |
| | 1642 | 3.9 | 119 |
| | 2246 | 0.2 | 6 |
| **23** Su | 0519 | 4.4 | 134 |
| | 1125 | 0.3 | 9 |
| | 1735 | 3.8 | 116 |
| | 2332 | 0.1 | 3 |
| **24** M | 0605 | 4.5 | 137 |
| | 1217 | 0.2 | 6 |
| | 1822 | 3.7 | 113 |
| **25** Tu | 0013 | 0.1 | 3 |
| | 0647 | 4.7 | 143 |
| | 1303 | 0.2 | 6 |
| | 1905 | 3.6 | 110 |
| **26** W | 0052 | 0.1 | 3 |
| | 0726 | 4.7 | 143 |
| | 1345 | 0.1 | 3 |
| | 1945 | 3.5 | 107 |
| **27** Th ● | 0130 | 0.2 | 6 |
| | 0803 | 4.8 | 146 |
| | 1425 | 0.1 | 3 |
| | 2023 | 3.5 | 107 |
| **28** F | 0207 | 0.2 | 6 |
| | 0840 | 4.8 | 146 |
| | 1503 | 0.1 | 3 |
| | 2100 | 3.4 | 104 |
| **29** Sa | 0243 | 0.2 | 6 |
| | 0918 | 4.7 | 143 |
| | 1541 | 0.2 | 6 |
| | 2137 | 3.3 | 101 |
| **30** Su | 0321 | 0.3 | 9 |
| | 0956 | 4.6 | 140 |
| | 1619 | 0.3 | 9 |
| | 2216 | 3.3 | 101 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0359 | 0.4 | 12 |
| | 1036 | 4.5 | 137 |
| | 1658 | 0.4 | 12 |
| | 2257 | 3.2 | 98 |
| **2** Tu | 0440 | 0.5 | 15 |
| | 1117 | 4.4 | 134 |
| | 1739 | 0.4 | 12 |
| | 2341 | 3.2 | 98 |
| **3** W | 0524 | 0.5 | 15 |
| | 1200 | 4.2 | 128 |
| | 1821 | 0.4 | 12 |
| **4** Th | 0028 | 3.3 | 101 |
| | 0614 | 0.6 | 18 |
| | 1246 | 4.1 | 125 |
| | 1906 | 0.4 | 12 |
| **5** F ◐ | 0120 | 3.4 | 104 |
| | 0710 | 0.7 | 21 |
| | 1336 | 3.9 | 119 |
| | 1954 | 0.3 | 9 |
| **6** Sa | 0214 | 3.6 | 110 |
| | 0811 | 0.6 | 18 |
| | 1430 | 3.8 | 116 |
| | 2043 | 0.2 | 6 |
| **7** Su | 0310 | 3.9 | 119 |
| | 0915 | 0.5 | 15 |
| | 1527 | 3.7 | 113 |
| | 2134 | 0.1 | 3 |
| **8** M | 0406 | 4.2 | 128 |
| | 1019 | 0.3 | 9 |
| | 1625 | 3.7 | 113 |
| | 2226 | −0.1 | −3 |
| **9** Tu | 0502 | 4.6 | 140 |
| | 1119 | 0.1 | 3 |
| | 1723 | 3.7 | 113 |
| | 2319 | −0.3 | −9 |
| **10** W | 0556 | 5.0 | 152 |
| | 1217 | −0.2 | −6 |
| | 1820 | 3.7 | 113 |
| **11** Th | 0011 | −0.5 | −15 |
| | 0650 | 5.3 | 162 |
| | 1312 | −0.4 | −12 |
| | 1916 | 3.8 | 116 |
| **12** F ○ | 0104 | −0.7 | −21 |
| | 0743 | 5.5 | 168 |
| | 1406 | −0.6 | −18 |
| | 2011 | 3.9 | 119 |
| **13** Sa | 0157 | −0.8 | −24 |
| | 0837 | 5.6 | 171 |
| | 1459 | −0.7 | −21 |
| | 2104 | 3.9 | 119 |
| **14** Su | 0250 | −0.8 | −24 |
| | 0930 | 5.6 | 171 |
| | 1551 | −0.6 | −18 |
| | 2159 | 3.9 | 119 |
| **15** M | 0345 | −0.7 | −21 |
| | 1023 | 5.4 | 165 |
| | 1644 | −0.5 | −15 |
| | 2254 | 3.9 | 119 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0441 | −0.5 | −15 |
| | 1117 | 5.1 | 155 |
| | 1738 | −0.4 | −12 |
| | 2351 | 3.9 | 119 |
| **17** W | 0539 | −0.2 | −6 |
| | 1212 | 4.7 | 143 |
| | 1832 | −0.2 | −6 |
| **18** Th | 0050 | 3.9 | 119 |
| | 0641 | 0.0 | 0 |
| | 1308 | 4.3 | 131 |
| | 1926 | −0.1 | −3 |
| **19** F ◑ | 0151 | 3.9 | 119 |
| | 0747 | 0.3 | 9 |
| | 1406 | 3.9 | 119 |
| | 2021 | 0.0 | 0 |
| **20** Sa | 0252 | 3.9 | 119 |
| | 0855 | 0.4 | 12 |
| | 1506 | 3.6 | 110 |
| | 2115 | 0.1 | 3 |
| **21** Su | 0352 | 4.0 | 122 |
| | 1002 | 0.5 | 15 |
| | 1607 | 3.4 | 104 |
| | 2208 | 0.2 | 6 |
| **22** M | 0447 | 4.1 | 125 |
| | 1103 | 0.4 | 12 |
| | 1705 | 3.2 | 98 |
| | 2257 | 0.2 | 6 |
| **23** Tu | 0537 | 4.3 | 131 |
| | 1158 | 0.3 | 9 |
| | 1757 | 3.2 | 98 |
| | 2343 | 0.2 | 6 |
| **24** W | 0623 | 4.4 | 134 |
| | 1246 | 0.2 | 6 |
| | 1843 | 3.2 | 98 |
| **25** Th | 0027 | 0.2 | 6 |
| | 0705 | 4.5 | 137 |
| | 1329 | 0.2 | 6 |
| | 1925 | 3.2 | 98 |
| **26** F | 0107 | 0.1 | 3 |
| | 0745 | 4.5 | 137 |
| | 1408 | 0.1 | 3 |
| | 2003 | 3.2 | 98 |
| **27** Sa ● | 0146 | 0.1 | 3 |
| | 0823 | 4.6 | 140 |
| | 1445 | 0.1 | 3 |
| | 2040 | 3.3 | 101 |
| **28** Su | 0224 | 0.0 | 0 |
| | 0900 | 4.6 | 140 |
| | 1520 | 0.0 | 0 |
| | 2117 | 3.3 | 101 |
| **29** M | 0301 | 0.0 | 0 |
| | 0936 | 4.6 | 140 |
| | 1555 | 0.0 | 0 |
| | 2154 | 3.3 | 101 |
| **30** Tu | 0338 | 0.1 | 3 |
| | 1013 | 4.5 | 137 |
| | 1629 | 0.0 | 0 |
| | 2232 | 3.4 | 104 |
| **31** W | 0417 | 0.1 | 3 |
| | 1050 | 4.4 | 134 |
| | 1705 | 0.0 | 0 |
| | 2312 | 3.4 | 104 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Reedy Point, Delaware, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0531 | 5.0 | 152 |
| | 1204 | 0.2 | 6 |
| | 1754 | 4.7 | 143 |
| **2** W | 0020 | 0.0 | 0 |
| | 0623 | 5.1 | 155 |
| | 1259 | 0.2 | 6 |
| | 1848 | 4.7 | 143 |
| **3** Th | 0108 | 0.1 | 3 |
| | 0714 | 5.2 | 158 |
| | 1353 | 0.1 | 3 |
| | 1940 | 4.6 | 140 |
| **4** F | 0156 | 0.0 | 0 |
| | 0803 | 5.3 | 162 |
| | 1446 | 0.1 | 3 |
| | 2029 | 4.6 | 140 |
| **5** Sa | 0244 | 0.0 | 0 |
| | 0850 | 5.4 | 165 |
| | 1536 | 0.0 | 0 |
| | 2116 | 4.6 | 140 |
| **6** Su | 0331 | −0.1 | −3 |
| | 0933 | 5.4 | 165 |
| | 1624 | −0.1 | −3 |
| | 2200 | 4.6 | 140 |
| **7** M | 0416 | −0.1 | −3 |
| | 1014 | 5.5 | 168 |
| | 1709 | −0.1 | −3 |
| | 2241 | 4.6 | 140 |
| **8** Tu ● | 0459 | −0.2 | −6 |
| | 1052 | 5.5 | 168 |
| | 1752 | −0.1 | −3 |
| | 2318 | 4.6 | 140 |
| **9** W | 0541 | −0.2 | −6 |
| | 1128 | 5.6 | 171 |
| | 1833 | −0.1 | −3 |
| | 2354 | 4.6 | 140 |
| **10** Th | 0623 | −0.2 | −6 |
| | 1204 | 5.6 | 171 |
| | 1912 | −0.1 | −3 |
| **11** F | 0030 | 4.7 | 143 |
| | 0705 | −0.2 | −6 |
| | 1241 | 5.6 | 171 |
| | 1951 | −0.1 | −3 |
| **12** Sa | 0108 | 4.8 | 146 |
| | 0749 | −0.1 | −3 |
| | 1323 | 5.5 | 168 |
| | 2031 | −0.1 | −3 |
| **13** Su | 0151 | 5.0 | 152 |
| | 0838 | −0.1 | −3 |
| | 1410 | 5.4 | 165 |
| | 2113 | −0.1 | −3 |
| **14** M | 0239 | 5.1 | 155 |
| | 0934 | 0.0 | 0 |
| | 1503 | 5.2 | 158 |
| | 2200 | −0.1 | −3 |
| **15** Tu ◐ | 0334 | 5.1 | 155 |
| | 1037 | 0.1 | 3 |
| | 1604 | 4.9 | 149 |
| | 2253 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0436 | 5.2 | 158 |
| | 1145 | 0.2 | 6 |
| | 1711 | 4.7 | 143 |
| | 2353 | 0.0 | 0 |
| **17** Th | 0542 | 5.2 | 158 |
| | 1254 | 0.2 | 6 |
| | 1819 | 4.6 | 140 |
| **18** F | 0058 | 0.0 | 0 |
| | 0649 | 5.3 | 162 |
| | 1401 | 0.1 | 3 |
| | 1926 | 4.5 | 137 |
| **19** Sa | 0202 | −0.1 | −3 |
| | 0754 | 5.4 | 165 |
| | 1504 | −0.1 | −3 |
| | 2028 | 4.6 | 140 |
| **20** Su | 0303 | −0.2 | −6 |
| | 0855 | 5.6 | 171 |
| | 1602 | −0.3 | −9 |
| | 2126 | 4.7 | 143 |
| **21** M | 0401 | −0.4 | −12 |
| | 0951 | 5.7 | 174 |
| | 1656 | −0.4 | −12 |
| | 2220 | 4.8 | 146 |
| **22** Tu ○ | 0456 | −0.5 | −15 |
| | 1044 | 5.7 | 174 |
| | 1746 | −0.5 | −15 |
| | 2311 | 4.9 | 149 |
| **23** W | 0547 | −0.5 | −15 |
| | 1133 | 5.7 | 174 |
| | 1833 | −0.5 | −15 |
| | 2359 | 5.0 | 152 |
| **24** Th | 0635 | −0.5 | −15 |
| | 1219 | 5.6 | 171 |
| | 1917 | −0.5 | −15 |
| **25** F | 0046 | 5.0 | 152 |
| | 0722 | −0.4 | −12 |
| | 1305 | 5.5 | 168 |
| | 1959 | −0.4 | −12 |
| **26** Sa | 0132 | 5.1 | 155 |
| | 0808 | −0.2 | −6 |
| | 1350 | 5.3 | 162 |
| | 2039 | −0.2 | −6 |
| **27** Su | 0217 | 5.0 | 152 |
| | 0853 | −0.1 | −3 |
| | 1436 | 5.1 | 155 |
| | 2119 | −0.1 | −3 |
| **28** M | 0303 | 5.0 | 152 |
| | 0940 | 0.1 | 3 |
| | 1525 | 4.9 | 149 |
| | 2159 | 0.1 | 3 |
| **29** Tu | 0351 | 5.0 | 152 |
| | 1030 | 0.2 | 6 |
| | 1617 | 4.7 | 143 |
| | 2242 | 0.2 | 6 |
| **30** W ◑ | 0442 | 5.0 | 152 |
| | 1123 | 0.3 | 9 |
| | 1711 | 4.5 | 137 |
| | 2328 | 0.2 | 6 |
| **31** Th | 0535 | 5.0 | 152 |
| | 1218 | 0.4 | 12 |
| | 1807 | 4.4 | 134 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0019 | 0.3 | 9 |
| | 0629 | 5.0 | 152 |
| | 1315 | 0.3 | 9 |
| | 1902 | 4.4 | 134 |
| **2** Sa | 0112 | 0.2 | 6 |
| | 0723 | 5.1 | 155 |
| | 1411 | 0.3 | 9 |
| | 1955 | 4.4 | 134 |
| **3** Su | 0206 | 0.1 | 3 |
| | 0814 | 5.2 | 158 |
| | 1504 | 0.2 | 6 |
| | 2044 | 4.5 | 137 |
| **4** M | 0259 | 0.0 | 0 |
| | 0902 | 5.3 | 162 |
| | 1553 | 0.0 | 0 |
| | 2130 | 4.6 | 140 |
| **5** Tu | 0349 | −0.1 | −3 |
| | 0946 | 5.5 | 168 |
| | 1640 | −0.1 | −3 |
| | 2212 | 4.7 | 143 |
| **6** W ● | 0436 | −0.2 | −6 |
| | 1027 | 5.6 | 171 |
| | 1723 | −0.2 | −6 |
| | 2252 | 4.8 | 146 |
| **7** Th | 0522 | −0.3 | −9 |
| | 1106 | 5.6 | 171 |
| | 1805 | −0.2 | −6 |
| | 2329 | 5.0 | 152 |
| **8** F | 0607 | −0.3 | −9 |
| | 1145 | 5.7 | 174 |
| | 1845 | −0.2 | −6 |
| **9** Sa | 0007 | 5.2 | 158 |
| | 0653 | −0.3 | −9 |
| | 1225 | 5.6 | 171 |
| | 1924 | −0.2 | −6 |
| **10** Su | 0046 | 5.3 | 162 |
| | 0740 | −0.3 | −9 |
| | 1308 | 5.5 | 168 |
| | 2004 | −0.2 | −6 |
| **11** M | 0129 | 5.4 | 165 |
| | 0831 | −0.2 | −6 |
| | 1355 | 5.3 | 162 |
| | 2047 | −0.1 | −3 |
| **12** Tu | 0217 | 5.5 | 168 |
| | 0927 | 0.0 | 0 |
| | 1449 | 5.1 | 155 |
| | 2136 | 0.0 | 0 |
| **13** W ◐ | 0312 | 5.4 | 165 |
| | 1029 | 0.2 | 6 |
| | 1550 | 4.8 | 146 |
| | 2233 | 0.1 | 3 |
| **14** Th | 0415 | 5.3 | 162 |
| | 1135 | 0.3 | 9 |
| | 1658 | 4.6 | 140 |
| | 2336 | 0.2 | 6 |
| **15** F | 0525 | 5.3 | 162 |
| | 1242 | 0.3 | 9 |
| | 1808 | 4.5 | 137 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0043 | 0.2 | 6 |
| | 0636 | 5.3 | 162 |
| | 1347 | 0.2 | 6 |
| | 1914 | 4.6 | 140 |
| **17** Su | 0149 | 0.1 | 3 |
| | 0743 | 5.4 | 165 |
| | 1448 | 0.0 | 0 |
| | 2016 | 4.7 | 143 |
| **18** M | 0250 | −0.1 | −3 |
| | 0844 | 5.5 | 168 |
| | 1544 | −0.2 | −6 |
| | 2113 | 4.9 | 149 |
| **19** Tu | 0347 | −0.2 | −6 |
| | 0939 | 5.6 | 171 |
| | 1635 | −0.3 | −9 |
| | 2205 | 5.1 | 155 |
| **20** W ○ | 0440 | −0.4 | −12 |
| | 1028 | 5.7 | 174 |
| | 1722 | −0.4 | −12 |
| | 2252 | 5.3 | 162 |
| **21** Th | 0529 | −0.4 | −12 |
| | 1114 | 5.7 | 174 |
| | 1805 | −0.4 | −12 |
| | 2337 | 5.4 | 165 |
| **22** F | 0615 | −0.4 | −12 |
| | 1157 | 5.6 | 171 |
| | 1845 | −0.3 | −9 |
| **23** Sa | 0019 | 5.4 | 165 |
| | 0658 | −0.3 | −9 |
| | 1238 | 5.5 | 168 |
| | 1923 | −0.1 | −3 |
| **24** Su | 0059 | 5.4 | 165 |
| | 0741 | −0.1 | −3 |
| | 1320 | 5.3 | 162 |
| | 1958 | 0.0 | 0 |
| **25** M | 0139 | 5.4 | 165 |
| | 0822 | 0.0 | 0 |
| | 1402 | 5.1 | 155 |
| | 2033 | 0.2 | 6 |
| **26** Tu | 0219 | 5.3 | 162 |
| | 0905 | 0.2 | 6 |
| | 1447 | 4.9 | 149 |
| | 2109 | 0.3 | 9 |
| **27** W | 0301 | 5.3 | 162 |
| | 0951 | 0.3 | 9 |
| | 1535 | 4.7 | 143 |
| | 2148 | 0.4 | 12 |
| **28** Th ◑ | 0348 | 5.2 | 158 |
| | 1041 | 0.5 | 15 |
| | 1628 | 4.6 | 140 |
| | 2235 | 0.5 | 15 |
| **29** F | 0441 | 5.1 | 155 |
| | 1136 | 0.6 | 18 |
| | 1724 | 4.5 | 137 |
| | 2329 | 0.5 | 15 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0539 | 5.1 | 155 |
| | 1234 | 0.6 | 18 |
| | 1821 | 4.5 | 137 |
| **2** Su | 0028 | 0.5 | 15 |
| | 0638 | 5.1 | 155 |
| | 1332 | 0.6 | 18 |
| | 1916 | 4.6 | 140 |
| **3** M | 0128 | 0.4 | 12 |
| | 0734 | 5.2 | 158 |
| | 1427 | 0.4 | 12 |
| | 2008 | 4.7 | 143 |
| **4** Tu | 0226 | 0.3 | 9 |
| | 0826 | 5.4 | 165 |
| | 1518 | 0.3 | 9 |
| | 2056 | 4.9 | 149 |
| **5** W | 0320 | 0.1 | 3 |
| | 0913 | 5.6 | 171 |
| | 1605 | 0.1 | 3 |
| | 2140 | 5.1 | 155 |
| **6** Th | 0412 | −0.1 | −3 |
| | 0958 | 5.7 | 174 |
| | 1650 | 0.0 | 0 |
| | 2221 | 5.4 | 165 |
| **7** F ● | 0502 | −0.2 | −6 |
| | 1041 | 5.8 | 177 |
| | 1733 | −0.1 | −3 |
| | 2302 | 5.6 | 171 |
| **8** Sa | 0551 | −0.3 | −9 |
| | 1123 | 5.8 | 177 |
| | 1814 | −0.2 | −6 |
| | 2342 | 5.8 | 177 |
| **9** Su | 0639 | −0.3 | −9 |
| | 1207 | 5.7 | 174 |
| | 1856 | −0.1 | −3 |
| **10** M | 0024 | 5.9 | 180 |
| | 0730 | −0.2 | −6 |
| | 1253 | 5.5 | 168 |
| | 1939 | −0.1 | −3 |
| **11** Tu | 0109 | 6.0 | 183 |
| | 0823 | −0.1 | −3 |
| | 1343 | 5.3 | 162 |
| | 2027 | 0.1 | 3 |
| **12** W | 0159 | 5.9 | 180 |
| | 0919 | 0.1 | 3 |
| | 1439 | 5.1 | 155 |
| | 2120 | 0.2 | 6 |
| **13** Th | 0256 | 5.7 | 174 |
| | 1019 | 0.3 | 9 |
| | 1542 | 4.8 | 146 |
| | 2219 | 0.4 | 12 |
| **14** F ◐ | 0402 | 5.5 | 168 |
| | 1123 | 0.4 | 12 |
| | 1649 | 4.7 | 143 |
| | 2324 | 0.4 | 12 |
| **15** Sa | 0514 | 5.4 | 165 |
| | 1227 | 0.4 | 12 |
| | 1758 | 4.7 | 143 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0030 | 0.4 | 12 |
| | 0625 | 5.4 | 165 |
| | 1328 | 0.3 | 9 |
| | 1903 | 4.9 | 149 |
| **17** M | 0134 | 0.3 | 9 |
| | 0730 | 5.5 | 168 |
| | 1426 | 0.1 | 3 |
| | 2002 | 5.1 | 155 |
| **18** Tu | 0235 | 0.1 | 3 |
| | 0829 | 5.6 | 171 |
| | 1519 | 0.0 | 0 |
| | 2056 | 5.4 | 165 |
| **19** W | 0330 | 0.0 | 0 |
| | 0920 | 5.7 | 174 |
| | 1608 | −0.1 | −3 |
| | 2145 | 5.6 | 171 |
| **20** Th | 0421 | −0.1 | −3 |
| | 1007 | 5.7 | 174 |
| | 1652 | −0.1 | −3 |
| | 2230 | 5.8 | 177 |
| **21** F ○ | 0508 | −0.2 | −6 |
| | 1051 | 5.7 | 174 |
| | 1733 | −0.1 | −3 |
| | 2311 | 5.8 | 177 |
| **22** Sa | 0553 | −0.1 | −3 |
| | 1132 | 5.6 | 171 |
| | 1810 | 0.1 | 3 |
| | 2350 | 5.8 | 177 |
| **23** Su | 0634 | −0.1 | −3 |
| | 1212 | 5.4 | 165 |
| | 1845 | 0.2 | 6 |
| **24** M | 0026 | 5.8 | 177 |
| | 0715 | 0.1 | 3 |
| | 1251 | 5.3 | 162 |
| | 1918 | 0.4 | 12 |
| **25** Tu | 0102 | 5.8 | 177 |
| | 0754 | 0.2 | 6 |
| | 1331 | 5.1 | 155 |
| | 1950 | 0.5 | 15 |
| **26** W | 0137 | 5.7 | 174 |
| | 0834 | 0.4 | 12 |
| | 1412 | 5.0 | 152 |
| | 2023 | 0.6 | 18 |
| **27** Th | 0214 | 5.6 | 171 |
| | 0917 | 0.5 | 15 |
| | 1456 | 4.8 | 146 |
| | 2101 | 0.7 | 21 |
| **28** F | 0256 | 5.5 | 168 |
| | 1004 | 0.7 | 21 |
| | 1546 | 4.7 | 143 |
| | 2147 | 0.7 | 21 |
| **29** Sa ◑ | 0346 | 5.4 | 165 |
| | 1056 | 0.8 | 24 |
| | 1640 | 4.7 | 143 |
| | 2243 | 0.8 | 24 |
| **30** Su | 0445 | 5.3 | 162 |
| | 1153 | 0.8 | 24 |
| | 1738 | 4.7 | 143 |
| | 2346 | 0.8 | 24 |
| **31** M | 0548 | 5.3 | 162 |
| | 1249 | 0.7 | 21 |
| | 1835 | 4.8 | 146 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Reedy Point, Delaware, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Tu | 0050 | 0.7 | 21 |
| | 0649 | 5.4 | 165 |
| | 1345 | 0.6 | 18 |
| | 1928 | 5.1 | 155 |
| 2 W | 0153 | 0.5 | 15 |
| | 0745 | 5.5 | 168 |
| | 1437 | 0.4 | 12 |
| | 2018 | 5.3 | 162 |
| 3 Th | 0251 | 0.3 | 9 |
| | 0837 | 5.7 | 174 |
| | 1526 | 0.3 | 9 |
| | 2105 | 5.7 | 174 |
| 4 F | 0347 | 0.1 | 3 |
| | 0926 | 5.7 | 174 |
| | 1613 | 0.1 | 3 |
| | 2149 | 5.9 | 180 |
| 5 Sa ● | 0441 | −0.1 | −3 |
| | 1013 | 5.8 | 177 |
| | 1659 | 0.1 | 3 |
| | 2233 | 6.2 | 189 |
| 6 Su | 0533 | −0.2 | −6 |
| | 1101 | 5.7 | 174 |
| | 1744 | 0.0 | 0 |
| | 2317 | 6.4 | 195 |
| 7 M | 0625 | −0.2 | −6 |
| | 1148 | 5.6 | 171 |
| | 1830 | 0.1 | 3 |
| 8 Tu | 0003 | 6.4 | 195 |
| | 0718 | −0.1 | −3 |
| | 1238 | 5.5 | 168 |
| | 1918 | 0.2 | 6 |
| 9 W | 0052 | 6.4 | 195 |
| | 0813 | 0.0 | 0 |
| | 1332 | 5.3 | 162 |
| | 2010 | 0.3 | 9 |
| 10 Th | 0146 | 6.2 | 189 |
| | 0909 | 0.2 | 6 |
| | 1430 | 5.1 | 155 |
| | 2107 | 0.5 | 15 |
| 11 F | 0245 | 6.0 | 183 |
| | 1007 | 0.3 | 9 |
| | 1533 | 5.0 | 152 |
| | 2207 | 0.6 | 18 |
| 12 Sa ◐ | 0352 | 5.7 | 174 |
| | 1107 | 0.4 | 12 |
| | 1639 | 5.0 | 152 |
| | 2311 | 0.6 | 18 |
| 13 Su | 0501 | 5.6 | 171 |
| | 1206 | 0.4 | 12 |
| | 1745 | 5.1 | 155 |
| 14 M | 0014 | 0.6 | 18 |
| | 0608 | 5.5 | 168 |
| | 1304 | 0.3 | 9 |
| | 1846 | 5.3 | 162 |
| 15 Tu | 0116 | 0.5 | 15 |
| | 0710 | 5.6 | 171 |
| | 1358 | 0.2 | 6 |
| | 1943 | 5.6 | 171 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 W | 0214 | 0.4 | 12 |
| | 0805 | 5.6 | 171 |
| | 1448 | 0.1 | 3 |
| | 2034 | 5.8 | 177 |
| 17 Th | 0308 | 0.2 | 6 |
| | 0855 | 5.7 | 174 |
| | 1535 | 0.1 | 3 |
| | 2120 | 6.0 | 183 |
| 18 F | 0359 | 0.1 | 3 |
| | 0942 | 5.6 | 171 |
| | 1618 | 0.1 | 3 |
| | 2203 | 6.1 | 186 |
| 19 Sa | 0445 | 0.1 | 3 |
| | 1025 | 5.6 | 171 |
| | 1658 | 0.3 | 9 |
| | 2243 | 6.2 | 189 |
| 20 Su ○ | 0529 | 0.1 | 3 |
| | 1106 | 5.5 | 168 |
| | 1735 | 0.4 | 12 |
| | 2321 | 6.1 | 186 |
| 21 M | 0611 | 0.2 | 6 |
| | 1146 | 5.4 | 165 |
| | 1810 | 0.5 | 15 |
| | 2356 | 6.1 | 186 |
| 22 Tu | 0651 | 0.3 | 9 |
| | 1225 | 5.2 | 158 |
| | 1842 | 0.7 | 21 |
| 23 W | 0029 | 6.0 | 183 |
| | 0730 | 0.4 | 12 |
| | 1303 | 5.1 | 155 |
| | 1914 | 0.8 | 24 |
| 24 Th | 0102 | 5.9 | 180 |
| | 0809 | 0.6 | 18 |
| | 1342 | 5.0 | 152 |
| | 1947 | 0.8 | 24 |
| 25 F | 0136 | 5.9 | 180 |
| | 0849 | 0.7 | 21 |
| | 1422 | 4.9 | 149 |
| | 2025 | 0.8 | 24 |
| 26 Sa | 0215 | 5.8 | 177 |
| | 0933 | 0.7 | 21 |
| | 1507 | 4.9 | 149 |
| | 2112 | 0.9 | 27 |
| 27 Su | 0302 | 5.7 | 174 |
| | 1020 | 0.8 | 24 |
| | 1558 | 4.9 | 149 |
| | 2207 | 0.9 | 27 |
| 28 M ◑ | 0357 | 5.6 | 171 |
| | 1112 | 0.8 | 24 |
| | 1654 | 5.0 | 152 |
| | 2309 | 0.9 | 27 |
| 29 Tu | 0459 | 5.6 | 171 |
| | 1205 | 0.7 | 21 |
| | 1751 | 5.2 | 158 |
| 30 W | 0015 | 0.8 | 24 |
| | 0603 | 5.6 | 171 |
| | 1259 | 0.6 | 18 |
| | 1846 | 5.4 | 165 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Th | 0121 | 0.7 | 21 |
| | 0703 | 5.6 | 171 |
| | 1352 | 0.5 | 15 |
| | 1939 | 5.8 | 177 |
| 2 F | 0224 | 0.5 | 15 |
| | 0800 | 5.6 | 171 |
| | 1444 | 0.4 | 12 |
| | 2029 | 6.1 | 186 |
| 3 Sa | 0324 | 0.3 | 9 |
| | 0855 | 5.6 | 171 |
| | 1535 | 0.3 | 9 |
| | 2118 | 6.4 | 195 |
| 4 Su | 0421 | 0.1 | 3 |
| | 0947 | 5.6 | 171 |
| | 1626 | 0.2 | 6 |
| | 2207 | 6.6 | 201 |
| 5 M ● | 0517 | 0.0 | 0 |
| | 1039 | 5.6 | 171 |
| | 1716 | 0.2 | 6 |
| | 2256 | 6.7 | 204 |
| 6 Tu | 0612 | −0.1 | −3 |
| | 1131 | 5.5 | 168 |
| | 1808 | 0.2 | 6 |
| | 2346 | 6.7 | 204 |
| 7 W | 0706 | 0.0 | 0 |
| | 1224 | 5.4 | 165 |
| | 1901 | 0.3 | 9 |
| 8 Th | 0038 | 6.5 | 198 |
| | 0800 | 0.0 | 0 |
| | 1320 | 5.3 | 162 |
| | 1956 | 0.4 | 12 |
| 9 F | 0134 | 6.3 | 192 |
| | 0855 | 0.1 | 3 |
| | 1419 | 5.2 | 158 |
| | 2053 | 0.5 | 15 |
| 10 Sa | 0234 | 6.1 | 186 |
| | 0950 | 0.2 | 6 |
| | 1521 | 5.2 | 158 |
| | 2152 | 0.6 | 18 |
| 11 Su ◐ | 0337 | 5.9 | 180 |
| | 1045 | 0.3 | 9 |
| | 1623 | 5.3 | 162 |
| | 2252 | 0.7 | 21 |
| 12 M | 0442 | 5.7 | 174 |
| | 1139 | 0.3 | 9 |
| | 1724 | 5.4 | 165 |
| | 2352 | 0.7 | 21 |
| 13 Tu | 0544 | 5.6 | 171 |
| | 1232 | 0.3 | 9 |
| | 1822 | 5.6 | 171 |
| 14 W | 0051 | 0.6 | 18 |
| | 0642 | 5.6 | 171 |
| | 1323 | 0.3 | 9 |
| | 1916 | 5.9 | 180 |
| 15 Th | 0148 | 0.5 | 15 |
| | 0735 | 5.5 | 168 |
| | 1411 | 0.3 | 9 |
| | 2005 | 6.1 | 186 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 F | 0242 | 0.4 | 12 |
| | 0826 | 5.5 | 168 |
| | 1457 | 0.3 | 9 |
| | 2052 | 6.2 | 189 |
| 17 Sa | 0333 | 0.3 | 9 |
| | 0913 | 5.5 | 168 |
| | 1541 | 0.4 | 12 |
| | 2135 | 6.3 | 192 |
| 18 Su | 0420 | 0.3 | 9 |
| | 0958 | 5.4 | 165 |
| | 1622 | 0.5 | 15 |
| | 2215 | 6.3 | 192 |
| 19 M ○ | 0505 | 0.3 | 9 |
| | 1040 | 5.3 | 162 |
| | 1700 | 0.6 | 18 |
| | 2253 | 6.2 | 189 |
| 20 Tu | 0547 | 0.3 | 9 |
| | 1121 | 5.2 | 158 |
| | 1737 | 0.7 | 21 |
| | 2328 | 6.2 | 189 |
| 21 W | 0628 | 0.4 | 12 |
| | 1200 | 5.1 | 155 |
| | 1813 | 0.8 | 24 |
| 22 Th | 0002 | 6.1 | 186 |
| | 0708 | 0.5 | 15 |
| | 1238 | 5.0 | 152 |
| | 1847 | 0.8 | 24 |
| 23 F | 0034 | 6.0 | 183 |
| | 0747 | 0.6 | 18 |
| | 1314 | 4.9 | 149 |
| | 1922 | 0.9 | 27 |
| 24 Sa | 0108 | 6.0 | 183 |
| | 0825 | 0.6 | 18 |
| | 1352 | 4.9 | 149 |
| | 2001 | 0.9 | 27 |
| 25 Su | 0145 | 6.0 | 183 |
| | 0905 | 0.7 | 21 |
| | 1433 | 5.0 | 152 |
| | 2047 | 0.9 | 27 |
| 26 M | 0229 | 5.9 | 180 |
| | 0947 | 0.6 | 18 |
| | 1520 | 5.1 | 155 |
| | 2139 | 0.9 | 27 |
| 27 Tu ◑ | 0321 | 5.8 | 177 |
| | 1033 | 0.6 | 18 |
| | 1612 | 5.3 | 162 |
| | 2239 | 0.9 | 27 |
| 28 W | 0419 | 5.7 | 174 |
| | 1122 | 0.5 | 15 |
| | 1708 | 5.5 | 168 |
| | 2345 | 0.9 | 27 |
| 29 Th | 0522 | 5.6 | 171 |
| | 1214 | 0.5 | 15 |
| | 1805 | 5.7 | 174 |
| 30 F | 0053 | 0.8 | 24 |
| | 0626 | 5.5 | 168 |
| | 1309 | 0.4 | 12 |
| | 1902 | 6.0 | 183 |
| 31 Sa | 0159 | 0.6 | 18 |
| | 0728 | 5.5 | 168 |
| | 1405 | 0.4 | 12 |
| | 1957 | 6.3 | 192 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Su | 0303 | 0.5 | 15 |
| | 0827 | 5.4 | 165 |
| | 1502 | 0.3 | 9 |
| | 2052 | 6.5 | 198 |
| 2 M | 0404 | 0.3 | 9 |
| | 0924 | 5.4 | 165 |
| | 1559 | 0.3 | 9 |
| | 2145 | 6.7 | 204 |
| 3 Tu ● | 0501 | 0.1 | 3 |
| | 1020 | 5.4 | 165 |
| | 1655 | 0.3 | 9 |
| | 2238 | 6.7 | 204 |
| 4 W | 0557 | 0.0 | 0 |
| | 1115 | 5.3 | 162 |
| | 1750 | 0.3 | 9 |
| | 2332 | 6.7 | 204 |
| 5 Th | 0651 | 0.0 | 0 |
| | 1210 | 5.3 | 162 |
| | 1846 | 0.3 | 9 |
| 6 F | 0026 | 6.5 | 198 |
| | 0744 | 0.0 | 0 |
| | 1306 | 5.3 | 162 |
| | 1941 | 0.4 | 12 |
| 7 Sa | 0121 | 6.3 | 192 |
| | 0835 | 0.0 | 0 |
| | 1403 | 5.3 | 162 |
| | 2036 | 0.5 | 15 |
| 8 Su | 0218 | 6.1 | 186 |
| | 0926 | 0.1 | 3 |
| | 1501 | 5.4 | 165 |
| | 2132 | 0.6 | 18 |
| 9 M | 0316 | 5.9 | 180 |
| | 1016 | 0.2 | 6 |
| | 1559 | 5.5 | 168 |
| | 2228 | 0.7 | 21 |
| 10 Tu ◐ | 0414 | 5.7 | 174 |
| | 1106 | 0.2 | 6 |
| | 1655 | 5.6 | 171 |
| | 2325 | 0.7 | 21 |
| 11 W | 0512 | 5.5 | 168 |
| | 1155 | 0.3 | 9 |
| | 1750 | 5.8 | 177 |
| 12 Th | 0022 | 0.7 | 21 |
| | 0608 | 5.4 | 165 |
| | 1243 | 0.3 | 9 |
| | 1843 | 5.9 | 180 |
| 13 F | 0118 | 0.7 | 21 |
| | 0702 | 5.4 | 165 |
| | 1331 | 0.4 | 12 |
| | 1932 | 6.1 | 186 |
| 14 Sa | 0212 | 0.6 | 18 |
| | 0753 | 5.3 | 162 |
| | 1417 | 0.5 | 15 |
| | 2020 | 6.2 | 189 |
| 15 Su | 0303 | 0.5 | 15 |
| | 0843 | 5.2 | 158 |
| | 1502 | 0.5 | 15 |
| | 2104 | 6.2 | 189 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 M | 0352 | 0.4 | 12 |
| | 0930 | 5.2 | 158 |
| | 1546 | 0.6 | 18 |
| | 2147 | 6.2 | 189 |
| 17 Tu | 0439 | 0.4 | 12 |
| | 1014 | 5.1 | 155 |
| | 1629 | 0.6 | 18 |
| | 2227 | 6.2 | 189 |
| 18 W ○ | 0523 | 0.4 | 12 |
| | 1056 | 5.1 | 155 |
| | 1709 | 0.7 | 21 |
| | 2304 | 6.2 | 189 |
| 19 Th | 0604 | 0.4 | 12 |
| | 1136 | 5.0 | 152 |
| | 1748 | 0.7 | 21 |
| | 2339 | 6.1 | 186 |
| 20 F | 0644 | 0.5 | 15 |
| | 1213 | 5.0 | 152 |
| | 1826 | 0.7 | 21 |
| 21 Sa | 0012 | 6.1 | 186 |
| | 0723 | 0.5 | 15 |
| | 1248 | 5.0 | 152 |
| | 1904 | 0.8 | 24 |
| 22 Su | 0045 | 6.1 | 186 |
| | 0800 | 0.5 | 15 |
| | 1324 | 5.1 | 155 |
| | 1945 | 0.8 | 24 |
| 23 M | 0122 | 6.1 | 186 |
| | 0838 | 0.5 | 15 |
| | 1402 | 5.2 | 158 |
| | 2029 | 0.8 | 24 |
| 24 Tu | 0204 | 6.0 | 183 |
| | 0916 | 0.5 | 15 |
| | 1446 | 5.4 | 165 |
| | 2120 | 0.8 | 24 |
| 25 W | 0253 | 5.9 | 180 |
| | 0957 | 0.4 | 12 |
| | 1535 | 5.6 | 171 |
| | 2218 | 0.9 | 27 |
| 26 Th ◑ | 0349 | 5.7 | 174 |
| | 1043 | 0.4 | 12 |
| | 1631 | 5.8 | 177 |
| | 2324 | 0.9 | 27 |
| 27 F | 0451 | 5.5 | 168 |
| | 1135 | 0.4 | 12 |
| | 1730 | 5.9 | 180 |
| 28 Sa | 0033 | 0.9 | 27 |
| | 0557 | 5.3 | 162 |
| | 1233 | 0.4 | 12 |
| | 1832 | 6.1 | 186 |
| 29 Su | 0141 | 0.7 | 21 |
| | 0703 | 5.2 | 158 |
| | 1336 | 0.4 | 12 |
| | 1932 | 6.3 | 192 |
| 30 M | 0246 | 0.6 | 18 |
| | 0806 | 5.2 | 158 |
| | 1439 | 0.4 | 12 |
| | 2032 | 6.5 | 198 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Reedy Point, Delaware, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0348 | 0.4 | 12 |
| | 0907 | 5.2 | 158 |
| | 1540 | 0.3 | 9 |
| | 2130 | 6.6 | 201 |
| **2** W ● | 0446 | 0.2 | 6 |
| | 1004 | 5.2 | 158 |
| | 1639 | 0.3 | 9 |
| | 2225 | 6.6 | 201 |
| **3** Th | 0541 | 0.1 | 3 |
| | 1100 | 5.3 | 162 |
| | 1735 | 0.2 | 6 |
| | 2319 | 6.6 | 201 |
| **4** F | 0633 | 0.0 | 0 |
| | 1155 | 5.4 | 165 |
| | 1830 | 0.2 | 6 |
| **5** Sa | 0012 | 6.5 | 198 |
| | 0722 | 0.0 | 0 |
| | 1248 | 5.4 | 165 |
| | 1923 | 0.3 | 9 |
| **6** Su | 0104 | 6.3 | 192 |
| | 0810 | 0.0 | 0 |
| | 1341 | 5.5 | 168 |
| | 2015 | 0.4 | 12 |
| **7** M | 0156 | 6.1 | 186 |
| | 0856 | 0.1 | 3 |
| | 1433 | 5.6 | 171 |
| | 2107 | 0.5 | 15 |
| **8** Tu | 0248 | 5.9 | 180 |
| | 0942 | 0.2 | 6 |
| | 1526 | 5.6 | 171 |
| | 2200 | 0.7 | 21 |
| **9** W ◐ | 0341 | 5.6 | 171 |
| | 1027 | 0.3 | 9 |
| | 1619 | 5.7 | 174 |
| | 2253 | 0.8 | 24 |
| **10** Th | 0436 | 5.4 | 165 |
| | 1113 | 0.4 | 12 |
| | 1712 | 5.8 | 177 |
| | 2348 | 0.8 | 24 |
| **11** F | 0531 | 5.3 | 162 |
| | 1159 | 0.5 | 15 |
| | 1804 | 5.9 | 180 |
| **12** Sa | 0043 | 0.8 | 24 |
| | 0626 | 5.2 | 158 |
| | 1247 | 0.6 | 18 |
| | 1855 | 5.9 | 180 |
| **13** Su | 0138 | 0.8 | 24 |
| | 0720 | 5.1 | 155 |
| | 1336 | 0.6 | 18 |
| | 1945 | 6.0 | 183 |
| **14** M | 0231 | 0.7 | 21 |
| | 0811 | 5.1 | 155 |
| | 1425 | 0.6 | 18 |
| | 2033 | 6.1 | 186 |
| **15** Tu | 0322 | 0.6 | 18 |
| | 0900 | 5.1 | 155 |
| | 1513 | 0.6 | 18 |
| | 2118 | 6.1 | 186 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0410 | 0.5 | 15 |
| | 0946 | 5.1 | 155 |
| | 1559 | 0.6 | 18 |
| | 2201 | 6.2 | 189 |
| **17** Th | 0455 | 0.5 | 15 |
| | 1029 | 5.1 | 155 |
| | 1643 | 0.6 | 18 |
| | 2240 | 6.2 | 189 |
| **18** F ○ | 0537 | 0.4 | 12 |
| | 1109 | 5.1 | 155 |
| | 1726 | 0.6 | 18 |
| | 2316 | 6.2 | 189 |
| **19** Sa | 0617 | 0.4 | 12 |
| | 1146 | 5.1 | 155 |
| | 1807 | 0.6 | 18 |
| | 2350 | 6.2 | 189 |
| **20** Su | 0655 | 0.4 | 12 |
| | 1220 | 5.2 | 158 |
| | 1848 | 0.6 | 18 |
| **21** M | 0024 | 6.2 | 189 |
| | 0732 | 0.4 | 12 |
| | 1255 | 5.4 | 165 |
| | 1930 | 0.7 | 21 |
| **22** Tu | 0101 | 6.1 | 186 |
| | 0808 | 0.4 | 12 |
| | 1333 | 5.6 | 171 |
| | 2015 | 0.7 | 21 |
| **23** W | 0143 | 6.0 | 183 |
| | 0845 | 0.4 | 12 |
| | 1415 | 5.7 | 174 |
| | 2106 | 0.8 | 24 |
| **24** Th | 0231 | 5.8 | 177 |
| | 0925 | 0.4 | 12 |
| | 1504 | 5.9 | 180 |
| | 2205 | 0.9 | 27 |
| **25** F ◑ | 0326 | 5.6 | 171 |
| | 1012 | 0.4 | 12 |
| | 1601 | 6.0 | 183 |
| | 2310 | 0.9 | 27 |
| **26** Sa | 0429 | 5.3 | 162 |
| | 1108 | 0.5 | 15 |
| | 1704 | 6.0 | 183 |
| **27** Su | 0019 | 0.9 | 27 |
| | 0538 | 5.1 | 155 |
| | 1212 | 0.5 | 15 |
| | 1810 | 6.1 | 186 |
| **28** M | 0127 | 0.9 | 27 |
| | 0647 | 5.0 | 152 |
| | 1319 | 0.5 | 15 |
| | 1916 | 6.2 | 189 |
| **29** Tu | 0232 | 0.7 | 21 |
| | 0752 | 5.1 | 155 |
| | 1425 | 0.5 | 15 |
| | 2019 | 6.3 | 192 |
| **30** W | 0333 | 0.5 | 15 |
| | 0853 | 5.2 | 158 |
| | 1527 | 0.4 | 12 |
| | 2118 | 6.4 | 195 |
| **31** Th | 0429 | 0.2 | 6 |
| | 0951 | 5.3 | 162 |
| | 1625 | 0.3 | 9 |
| | 2213 | 6.5 | 198 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0521 | 0.1 | 3 |
| | 1045 | 5.5 | 168 |
| | 1720 | 0.2 | 6 |
| | 2305 | 6.5 | 198 |
| **2** Sa | 0610 | 0.0 | 0 |
| | 1136 | 5.6 | 171 |
| | 1812 | 0.2 | 6 |
| | 2354 | 6.4 | 195 |
| **3** Su | 0656 | 0.0 | 0 |
| | 1225 | 5.7 | 174 |
| | 1902 | 0.3 | 9 |
| **4** M | 0041 | 6.2 | 189 |
| | 0739 | 0.1 | 3 |
| | 1313 | 5.8 | 177 |
| | 1951 | 0.4 | 12 |
| **5** Tu | 0128 | 6.0 | 183 |
| | 0821 | 0.2 | 6 |
| | 1400 | 5.8 | 177 |
| | 2039 | 0.6 | 18 |
| **6** W | 0216 | 5.8 | 177 |
| | 0902 | 0.3 | 9 |
| | 1448 | 5.8 | 177 |
| | 2128 | 0.7 | 21 |
| **7** Th | 0306 | 5.5 | 168 |
| | 0944 | 0.5 | 15 |
| | 1537 | 5.7 | 174 |
| | 2218 | 0.9 | 27 |
| **8** F ◐ | 0358 | 5.3 | 162 |
| | 1027 | 0.6 | 18 |
| | 1628 | 5.7 | 174 |
| | 2311 | 1.0 | 30 |
| **9** Sa | 0453 | 5.1 | 155 |
| | 1113 | 0.7 | 21 |
| | 1721 | 5.7 | 174 |
| **10** Su | 0006 | 1.0 | 30 |
| | 0549 | 5.0 | 152 |
| | 1202 | 0.8 | 24 |
| | 1815 | 5.8 | 177 |
| **11** M | 0101 | 1.0 | 30 |
| | 0645 | 5.0 | 152 |
| | 1254 | 0.8 | 24 |
| | 1909 | 5.9 | 180 |
| **12** Tu | 0156 | 0.9 | 27 |
| | 0739 | 5.0 | 152 |
| | 1347 | 0.8 | 24 |
| | 2000 | 6.0 | 183 |
| **13** W | 0248 | 0.7 | 21 |
| | 0829 | 5.1 | 155 |
| | 1439 | 0.7 | 21 |
| | 2047 | 6.1 | 186 |
| **14** Th | 0337 | 0.6 | 18 |
| | 0916 | 5.2 | 158 |
| | 1529 | 0.6 | 18 |
| | 2131 | 6.2 | 189 |
| **15** F | 0423 | 0.5 | 15 |
| | 0959 | 5.3 | 162 |
| | 1617 | 0.5 | 15 |
| | 2212 | 6.2 | 189 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0505 | 0.4 | 12 |
| | 1039 | 5.4 | 165 |
| | 1703 | 0.5 | 15 |
| | 2249 | 6.2 | 189 |
| **17** Su | 0545 | 0.3 | 9 |
| | 1115 | 5.5 | 168 |
| | 1747 | 0.5 | 15 |
| | 2326 | 6.2 | 189 |
| **18** M | 0624 | 0.3 | 9 |
| | 1151 | 5.7 | 174 |
| | 1831 | 0.5 | 15 |
| **19** Tu | 0002 | 6.2 | 189 |
| | 0701 | 0.3 | 9 |
| | 1226 | 5.8 | 177 |
| | 1916 | 0.5 | 15 |
| **20** W | 0041 | 6.1 | 186 |
| | 0738 | 0.3 | 9 |
| | 1305 | 6.0 | 183 |
| | 2004 | 0.6 | 18 |
| **21** Th | 0125 | 5.9 | 180 |
| | 0817 | 0.4 | 12 |
| | 1349 | 6.1 | 186 |
| | 2057 | 0.8 | 24 |
| **22** F | 0214 | 5.7 | 174 |
| | 0901 | 0.4 | 12 |
| | 1440 | 6.1 | 186 |
| | 2157 | 0.9 | 27 |
| **23** Sa ◑ | 0311 | 5.4 | 165 |
| | 0953 | 0.5 | 15 |
| | 1539 | 6.0 | 183 |
| | 2302 | 1.0 | 30 |
| **24** Su | 0417 | 5.1 | 155 |
| | 1054 | 0.6 | 18 |
| | 1646 | 6.0 | 183 |
| **25** M | 0009 | 1.0 | 30 |
| | 0527 | 5.0 | 152 |
| | 1202 | 0.7 | 21 |
| | 1758 | 6.0 | 183 |
| **26** Tu | 0115 | 0.9 | 27 |
| | 0637 | 5.0 | 152 |
| | 1310 | 0.6 | 18 |
| | 1906 | 6.1 | 186 |
| **27** W | 0217 | 0.7 | 21 |
| | 0742 | 5.1 | 155 |
| | 1415 | 0.5 | 15 |
| | 2010 | 6.2 | 189 |
| **28** Th | 0315 | 0.4 | 12 |
| | 0842 | 5.4 | 165 |
| | 1515 | 0.4 | 12 |
| | 2107 | 6.3 | 192 |
| **29** F | 0408 | 0.2 | 6 |
| | 0936 | 5.6 | 171 |
| | 1611 | 0.2 | 6 |
| | 2159 | 6.4 | 195 |
| **30** Sa ● | 0457 | 0.1 | 3 |
| | 1027 | 5.8 | 177 |
| | 1704 | 0.2 | 6 |
| | 2247 | 6.3 | 192 |
| **31** Su | 0542 | 0.0 | 0 |
| | 1114 | 5.9 | 180 |
| | 1753 | 0.2 | 6 |
| | 2332 | 6.2 | 189 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0625 | 0.1 | 3 |
| | 1159 | 6.0 | 183 |
| | 1840 | 0.3 | 9 |
| **2** Tu | 0016 | 6.1 | 186 |
| | 0705 | 0.2 | 6 |
| | 1241 | 6.0 | 183 |
| | 1925 | 0.5 | 15 |
| **3** W | 0059 | 5.8 | 177 |
| | 0743 | 0.4 | 12 |
| | 1324 | 5.9 | 180 |
| | 2010 | 0.6 | 18 |
| **4** Th | 0144 | 5.6 | 171 |
| | 0821 | 0.6 | 18 |
| | 1406 | 5.9 | 180 |
| | 2055 | 0.8 | 24 |
| **5** F | 0230 | 5.4 | 165 |
| | 0859 | 0.7 | 21 |
| | 1451 | 5.8 | 177 |
| | 2143 | 1.0 | 30 |
| **6** Sa | 0320 | 5.2 | 158 |
| | 0939 | 0.9 | 27 |
| | 1540 | 5.7 | 174 |
| | 2233 | 1.1 | 34 |
| **7** Su ◐ | 0413 | 5.0 | 152 |
| | 1025 | 0.9 | 27 |
| | 1634 | 5.7 | 174 |
| | 2327 | 1.1 | 34 |
| **8** M | 0510 | 4.9 | 149 |
| | 1117 | 1.0 | 30 |
| | 1731 | 5.7 | 174 |
| **9** Tu | 0023 | 1.1 | 34 |
| | 0607 | 4.9 | 149 |
| | 1213 | 0.9 | 27 |
| | 1828 | 5.7 | 174 |
| **10** W | 0118 | 1.0 | 30 |
| | 0702 | 5.0 | 152 |
| | 1310 | 0.8 | 24 |
| | 1922 | 5.9 | 180 |
| **11** Th | 0210 | 0.8 | 24 |
| | 0754 | 5.1 | 155 |
| | 1406 | 0.7 | 21 |
| | 2012 | 6.0 | 183 |
| **12** F | 0259 | 0.7 | 21 |
| | 0841 | 5.3 | 162 |
| | 1459 | 0.6 | 18 |
| | 2057 | 6.1 | 186 |
| **13** Sa | 0346 | 0.5 | 15 |
| | 0925 | 5.5 | 168 |
| | 1550 | 0.4 | 12 |
| | 2140 | 6.2 | 189 |
| **14** Su | 0429 | 0.4 | 12 |
| | 1005 | 5.7 | 174 |
| | 1639 | 0.4 | 12 |
| | 2220 | 6.2 | 189 |
| **15** M ○ | 0510 | 0.3 | 9 |
| | 1043 | 5.9 | 180 |
| | 1726 | 0.3 | 9 |
| | 2300 | 6.2 | 189 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0550 | 0.2 | 6 |
| | 1121 | 6.1 | 186 |
| | 1814 | 0.3 | 9 |
| | 2340 | 6.1 | 186 |
| **17** W | 0629 | 0.3 | 9 |
| | 1159 | 6.2 | 189 |
| | 1903 | 0.4 | 12 |
| **18** Th | 0023 | 5.9 | 180 |
| | 0710 | 0.3 | 9 |
| | 1241 | 6.3 | 192 |
| | 1954 | 0.5 | 15 |
| **19** F | 0109 | 5.7 | 174 |
| | 0754 | 0.4 | 12 |
| | 1328 | 6.3 | 192 |
| | 2050 | 0.7 | 21 |
| **20** Sa | 0202 | 5.4 | 165 |
| | 0844 | 0.5 | 15 |
| | 1422 | 6.2 | 189 |
| | 2149 | 0.8 | 24 |
| **21** Su | 0302 | 5.2 | 158 |
| | 0942 | 0.6 | 18 |
| | 1526 | 6.0 | 183 |
| | 2252 | 0.9 | 27 |
| **22** M ◑ | 0410 | 5.0 | 152 |
| | 1047 | 0.7 | 21 |
| | 1637 | 5.9 | 180 |
| | 2356 | 0.9 | 27 |
| **23** Tu | 0520 | 5.0 | 152 |
| | 1154 | 0.7 | 21 |
| | 1749 | 5.9 | 180 |
| **24** W | 0059 | 0.7 | 21 |
| | 0628 | 5.1 | 155 |
| | 1300 | 0.6 | 18 |
| | 1857 | 5.9 | 180 |
| **25** Th | 0158 | 0.5 | 15 |
| | 0731 | 5.3 | 162 |
| | 1402 | 0.5 | 15 |
| | 1957 | 6.0 | 183 |
| **26** F | 0252 | 0.3 | 9 |
| | 0827 | 5.6 | 171 |
| | 1501 | 0.3 | 9 |
| | 2051 | 6.1 | 186 |
| **27** Sa | 0342 | 0.1 | 3 |
| | 0919 | 5.8 | 177 |
| | 1555 | 0.2 | 6 |
| | 2140 | 6.2 | 189 |
| **28** Su | 0428 | 0.1 | 3 |
| | 1006 | 6.0 | 183 |
| | 1645 | 0.1 | 3 |
| | 2226 | 6.1 | 186 |
| **29** M ● | 0511 | 0.1 | 3 |
| | 1050 | 6.1 | 186 |
| | 1732 | 0.2 | 6 |
| | 2309 | 6.0 | 183 |
| **30** Tu | 0551 | 0.2 | 6 |
| | 1131 | 6.1 | 186 |
| | 1817 | 0.3 | 9 |
| | 2351 | 5.8 | 177 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Reedy Point, Delaware, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0629 | 0.4 | 12 |
| | 1210 | 6.1 | 186 |
| | 1900 | 0.4 | 12 |
| **2** Th | 0032 | 5.6 | 171 |
| | 0705 | 0.5 | 15 |
| | 1248 | 6.0 | 183 |
| | 1942 | 0.6 | 18 |
| **3** F | 0113 | 5.4 | 165 |
| | 0739 | 0.7 | 21 |
| | 1327 | 5.9 | 180 |
| | 2025 | 0.8 | 24 |
| **4** Sa | 0156 | 5.2 | 158 |
| | 0815 | 0.8 | 24 |
| | 1408 | 5.8 | 177 |
| | 2109 | 0.9 | 27 |
| **5** Su | 0243 | 5.0 | 152 |
| | 0853 | 0.9 | 27 |
| | 1453 | 5.7 | 174 |
| | 2157 | 1.0 | 30 |
| **6** M | 0333 | 4.8 | 146 |
| | 0939 | 0.9 | 27 |
| | 1544 | 5.6 | 171 |
| | 2248 | 1.1 | 34 |
| **7** Tu ◐ | 0428 | 4.8 | 146 |
| | 1033 | 0.9 | 27 |
| | 1642 | 5.6 | 171 |
| | 2341 | 1.0 | 30 |
| **8** W | 0525 | 4.8 | 146 |
| | 1132 | 0.9 | 27 |
| | 1741 | 5.6 | 171 |
| **9** Th | 0035 | 0.9 | 27 |
| | 0621 | 4.9 | 149 |
| | 1232 | 0.8 | 24 |
| | 1838 | 5.7 | 174 |
| **10** F | 0127 | 0.8 | 24 |
| | 0713 | 5.1 | 155 |
| | 1331 | 0.7 | 21 |
| | 1930 | 5.8 | 177 |
| **11** Sa | 0217 | 0.6 | 18 |
| | 0802 | 5.4 | 165 |
| | 1428 | 0.5 | 15 |
| | 2019 | 5.9 | 180 |
| **12** Su | 0304 | 0.4 | 12 |
| | 0847 | 5.7 | 174 |
| | 1522 | 0.3 | 9 |
| | 2105 | 5.9 | 180 |
| **13** M | 0349 | 0.2 | 6 |
| | 0929 | 5.9 | 180 |
| | 1615 | 0.2 | 6 |
| | 2150 | 5.9 | 180 |
| **14** Tu ○ | 0433 | 0.1 | 3 |
| | 1011 | 6.2 | 189 |
| | 1706 | 0.1 | 3 |
| | 2234 | 5.9 | 180 |
| **15** W | 0516 | 0.1 | 3 |
| | 1053 | 6.4 | 195 |
| | 1757 | 0.1 | 3 |
| | 2319 | 5.8 | 177 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0601 | 0.1 | 3 |
| | 1136 | 6.4 | 195 |
| | 1850 | 0.2 | 6 |
| **17** F | 0006 | 5.6 | 171 |
| | 0647 | 0.2 | 6 |
| | 1223 | 6.4 | 195 |
| | 1944 | 0.3 | 9 |
| **18** Sa | 0057 | 5.4 | 165 |
| | 0737 | 0.3 | 9 |
| | 1314 | 6.3 | 192 |
| | 2040 | 0.4 | 12 |
| **19** Su | 0152 | 5.2 | 158 |
| | 0833 | 0.4 | 12 |
| | 1412 | 6.1 | 186 |
| | 2138 | 0.5 | 15 |
| **20** M | 0255 | 5.0 | 152 |
| | 0934 | 0.5 | 15 |
| | 1517 | 5.9 | 180 |
| | 2238 | 0.6 | 18 |
| **21** Tu ◑ | 0402 | 4.9 | 149 |
| | 1037 | 0.6 | 18 |
| | 1627 | 5.7 | 174 |
| | 2338 | 0.5 | 15 |
| **22** W | 0510 | 5.0 | 152 |
| | 1142 | 0.6 | 18 |
| | 1736 | 5.7 | 174 |
| **23** Th | 0037 | 0.4 | 12 |
| | 0615 | 5.2 | 158 |
| | 1245 | 0.5 | 15 |
| | 1840 | 5.7 | 174 |
| **24** F | 0132 | 0.2 | 6 |
| | 0714 | 5.4 | 165 |
| | 1346 | 0.3 | 9 |
| | 1938 | 5.8 | 177 |
| **25** Sa | 0224 | 0.1 | 3 |
| | 0808 | 5.7 | 174 |
| | 1442 | 0.2 | 6 |
| | 2030 | 5.8 | 177 |
| **26** Su | 0312 | 0.0 | 0 |
| | 0857 | 5.9 | 180 |
| | 1535 | 0.1 | 3 |
| | 2118 | 5.8 | 177 |
| **27** M | 0357 | 0.0 | 0 |
| | 0942 | 6.0 | 183 |
| | 1624 | 0.0 | 0 |
| | 2202 | 5.7 | 174 |
| **28** Tu ● | 0439 | 0.1 | 3 |
| | 1024 | 6.1 | 186 |
| | 1710 | 0.1 | 3 |
| | 2245 | 5.6 | 171 |
| **29** W | 0518 | 0.2 | 6 |
| | 1104 | 6.1 | 186 |
| | 1754 | 0.2 | 6 |
| | 2326 | 5.4 | 165 |
| **30** Th | 0555 | 0.3 | 9 |
| | 1142 | 6.0 | 183 |
| | 1836 | 0.3 | 9 |
| **31** F | 0006 | 5.2 | 158 |
| | 0630 | 0.5 | 15 |
| | 1218 | 5.9 | 180 |
| | 1917 | 0.5 | 15 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0046 | 5.0 | 152 |
| | 0704 | 0.6 | 18 |
| | 1254 | 5.8 | 177 |
| | 1957 | 0.6 | 18 |
| **2** Su | 0126 | 4.9 | 149 |
| | 0738 | 0.6 | 18 |
| | 1331 | 5.7 | 174 |
| | 2039 | 0.7 | 21 |
| **3** M | 0208 | 4.7 | 143 |
| | 0816 | 0.7 | 21 |
| | 1411 | 5.6 | 171 |
| | 2122 | 0.8 | 24 |
| **4** Tu | 0254 | 4.7 | 143 |
| | 0900 | 0.7 | 21 |
| | 1458 | 5.5 | 168 |
| | 2209 | 0.8 | 24 |
| **5** W ◐ | 0344 | 4.6 | 140 |
| | 0953 | 0.7 | 21 |
| | 1551 | 5.5 | 168 |
| | 2258 | 0.7 | 21 |
| **6** Th | 0438 | 4.7 | 143 |
| | 1051 | 0.7 | 21 |
| | 1649 | 5.4 | 165 |
| | 2349 | 0.6 | 18 |
| **7** F | 0533 | 4.9 | 149 |
| | 1153 | 0.6 | 18 |
| | 1749 | 5.4 | 165 |
| **8** Sa | 0040 | 0.5 | 15 |
| | 0627 | 5.1 | 155 |
| | 1256 | 0.5 | 15 |
| | 1845 | 5.5 | 168 |
| **9** Su | 0131 | 0.3 | 9 |
| | 0718 | 5.4 | 165 |
| | 1357 | 0.4 | 12 |
| | 1940 | 5.5 | 168 |
| **10** M | 0221 | 0.2 | 6 |
| | 0807 | 5.7 | 174 |
| | 1456 | 0.2 | 6 |
| | 2031 | 5.5 | 168 |
| **11** Tu | 0310 | 0.0 | 0 |
| | 0855 | 6.0 | 183 |
| | 1553 | 0.1 | 3 |
| | 2121 | 5.5 | 168 |
| **12** W | 0359 | −0.1 | −3 |
| | 0942 | 6.2 | 189 |
| | 1648 | −0.1 | −3 |
| | 2211 | 5.4 | 165 |
| **13** Th ○ | 0448 | −0.1 | −3 |
| | 1029 | 6.3 | 192 |
| | 1742 | −0.1 | −3 |
| | 2301 | 5.3 | 162 |
| **14** F | 0538 | −0.1 | −3 |
| | 1118 | 6.4 | 195 |
| | 1837 | −0.1 | −3 |
| | 2352 | 5.2 | 158 |
| **15** Sa | 0630 | −0.1 | −3 |
| | 1209 | 6.3 | 192 |
| | 1931 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0045 | 5.1 | 155 |
| | 0725 | 0.0 | 0 |
| | 1304 | 6.1 | 186 |
| | 2026 | 0.0 | 0 |
| **17** M | 0142 | 4.9 | 149 |
| | 0822 | 0.1 | 3 |
| | 1403 | 5.9 | 180 |
| | 2122 | 0.1 | 3 |
| **18** Tu | 0244 | 4.9 | 149 |
| | 0921 | 0.2 | 6 |
| | 1506 | 5.7 | 174 |
| | 2218 | 0.1 | 3 |
| **19** W ◑ | 0347 | 4.9 | 149 |
| | 1022 | 0.3 | 9 |
| | 1611 | 5.5 | 168 |
| | 2313 | 0.1 | 3 |
| **20** Th | 0451 | 5.0 | 152 |
| | 1124 | 0.3 | 9 |
| | 1715 | 5.4 | 165 |
| **21** F | 0007 | 0.0 | 0 |
| | 0553 | 5.2 | 158 |
| | 1224 | 0.2 | 6 |
| | 1816 | 5.3 | 162 |
| **22** Sa | 0100 | 0.0 | 0 |
| | 0650 | 5.4 | 165 |
| | 1323 | 0.2 | 6 |
| | 1912 | 5.3 | 162 |
| **23** Su | 0151 | −0.1 | −3 |
| | 0743 | 5.6 | 171 |
| | 1419 | 0.1 | 3 |
| | 2004 | 5.3 | 162 |
| **24** M | 0238 | −0.1 | −3 |
| | 0831 | 5.7 | 174 |
| | 1512 | 0.0 | 0 |
| | 2052 | 5.3 | 162 |
| **25** Tu | 0324 | −0.1 | −3 |
| | 0917 | 5.8 | 177 |
| | 1601 | −0.1 | −3 |
| | 2138 | 5.2 | 158 |
| **26** W | 0407 | 0.0 | 0 |
| | 0959 | 5.8 | 177 |
| | 1647 | −0.1 | −3 |
| | 2222 | 5.1 | 155 |
| **27** Th ● | 0447 | 0.1 | 3 |
| | 1039 | 5.8 | 177 |
| | 1731 | 0.0 | 0 |
| | 2304 | 5.0 | 152 |
| **28** F | 0526 | 0.2 | 6 |
| | 1117 | 5.7 | 174 |
| | 1813 | 0.1 | 3 |
| | 2344 | 4.8 | 146 |
| **29** Sa | 0602 | 0.2 | 6 |
| | 1153 | 5.7 | 174 |
| | 1853 | 0.2 | 6 |
| **30** Su | 0022 | 4.7 | 143 |
| | 0638 | 0.3 | 9 |
| | 1228 | 5.6 | 171 |
| | 1932 | 0.3 | 9 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0100 | 4.6 | 140 |
| | 0712 | 0.3 | 9 |
| | 1303 | 5.5 | 168 |
| | 2011 | 0.4 | 12 |
| **2** Tu | 0137 | 4.6 | 140 |
| | 0749 | 0.3 | 9 |
| | 1339 | 5.5 | 168 |
| | 2049 | 0.4 | 12 |
| **3** W | 0216 | 4.6 | 140 |
| | 0831 | 0.4 | 12 |
| | 1420 | 5.4 | 165 |
| | 2130 | 0.4 | 12 |
| **4** Th | 0259 | 4.6 | 140 |
| | 0919 | 0.4 | 12 |
| | 1507 | 5.4 | 165 |
| | 2213 | 0.3 | 9 |
| **5** F ◐ | 0348 | 4.7 | 143 |
| | 1014 | 0.4 | 12 |
| | 1601 | 5.3 | 162 |
| | 2259 | 0.2 | 6 |
| **6** Sa | 0441 | 4.9 | 149 |
| | 1116 | 0.4 | 12 |
| | 1700 | 5.2 | 158 |
| | 2350 | 0.2 | 6 |
| **7** Su | 0538 | 5.1 | 155 |
| | 1222 | 0.4 | 12 |
| | 1802 | 5.1 | 155 |
| **8** M | 0043 | 0.1 | 3 |
| | 0634 | 5.3 | 162 |
| | 1328 | 0.3 | 9 |
| | 1902 | 5.0 | 152 |
| **9** Tu | 0138 | 0.0 | 0 |
| | 0730 | 5.6 | 171 |
| | 1432 | 0.1 | 3 |
| | 2000 | 5.0 | 152 |
| **10** W | 0234 | −0.1 | −3 |
| | 0825 | 5.8 | 177 |
| | 1533 | −0.1 | −3 |
| | 2057 | 5.0 | 152 |
| **11** Th | 0331 | −0.2 | −6 |
| | 0918 | 6.0 | 183 |
| | 1632 | −0.2 | −6 |
| | 2151 | 5.0 | 152 |
| **12** F ○ | 0427 | −0.3 | −9 |
| | 1012 | 6.1 | 186 |
| | 1728 | −0.3 | −9 |
| | 2245 | 5.0 | 152 |
| **13** Sa | 0522 | −0.4 | −12 |
| | 1105 | 6.1 | 186 |
| | 1822 | −0.4 | −12 |
| | 2339 | 4.9 | 149 |
| **14** Su | 0617 | −0.4 | −12 |
| | 1159 | 6.1 | 186 |
| | 1915 | −0.4 | −12 |
| **15** M | 0033 | 4.9 | 149 |
| | 0712 | −0.4 | −12 |
| | 1254 | 5.9 | 180 |
| | 2007 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0129 | 4.9 | 149 |
| | 0808 | −0.3 | −9 |
| | 1350 | 5.7 | 174 |
| | 2059 | −0.3 | −9 |
| **17** W | 0226 | 4.9 | 149 |
| | 0904 | −0.2 | −6 |
| | 1448 | 5.5 | 168 |
| | 2150 | −0.3 | −9 |
| **18** Th | 0325 | 4.9 | 149 |
| | 1001 | −0.1 | −3 |
| | 1547 | 5.3 | 162 |
| | 2241 | −0.2 | −6 |
| **19** F ◑ | 0424 | 5.0 | 152 |
| | 1059 | 0.0 | 0 |
| | 1646 | 5.1 | 155 |
| | 2332 | −0.2 | −6 |
| **20** Sa | 0522 | 5.1 | 155 |
| | 1158 | 0.1 | 3 |
| | 1745 | 5.0 | 152 |
| **21** Su | 0023 | −0.1 | −3 |
| | 0618 | 5.2 | 158 |
| | 1255 | 0.1 | 3 |
| | 1841 | 4.9 | 149 |
| **22** M | 0113 | −0.1 | −3 |
| | 0711 | 5.3 | 162 |
| | 1351 | 0.0 | 0 |
| | 1934 | 4.8 | 146 |
| **23** Tu | 0202 | −0.1 | −3 |
| | 0802 | 5.4 | 165 |
| | 1445 | −0.1 | −3 |
| | 2025 | 4.8 | 146 |
| **24** W | 0249 | −0.1 | −3 |
| | 0849 | 5.5 | 168 |
| | 1535 | −0.1 | −3 |
| | 2113 | 4.8 | 146 |
| **25** Th | 0335 | −0.1 | −3 |
| | 0934 | 5.5 | 168 |
| | 1622 | −0.2 | −6 |
| | 2159 | 4.8 | 146 |
| **26** F | 0418 | −0.1 | −3 |
| | 1016 | 5.5 | 168 |
| | 1707 | −0.1 | −3 |
| | 2241 | 4.7 | 143 |
| **27** Sa ● | 0459 | −0.1 | −3 |
| | 1055 | 5.5 | 168 |
| | 1749 | −0.1 | −3 |
| | 2321 | 4.6 | 140 |
| **28** Su | 0539 | 0.0 | 0 |
| | 1132 | 5.5 | 168 |
| | 1828 | −0.1 | −3 |
| | 2359 | 4.6 | 140 |
| **29** M | 0616 | 0.0 | 0 |
| | 1206 | 5.5 | 168 |
| | 1906 | 0.0 | 0 |
| **30** Tu | 0034 | 4.6 | 140 |
| | 0653 | 0.0 | 0 |
| | 1239 | 5.4 | 165 |
| | 1942 | 0.0 | 0 |
| **31** W | 0107 | 4.6 | 140 |
| | 0730 | 0.0 | 0 |
| | 1313 | 5.4 | 165 |
| | 2017 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Philadelphia, Pennsylvania, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0209 | −0.4 | −12 |
| | 0801 | 5.5 | 168 |
| | 1439 | −0.2 | −6 |
| | 2025 | 5.1 | 155 |
| **2** W | 0257 | −0.3 | −9 |
| | 0853 | 5.6 | 171 |
| | 1534 | −0.2 | −6 |
| | 2118 | 5.1 | 155 |
| **3** Th | 0346 | −0.3 | −9 |
| | 0943 | 5.7 | 174 |
| | 1628 | −0.2 | −6 |
| | 2210 | 5.0 | 152 |
| **4** F | 0435 | −0.3 | −9 |
| | 1033 | 5.8 | 177 |
| | 1720 | −0.3 | −9 |
| | 2300 | 5.0 | 152 |
| **5** Sa | 0523 | −0.3 | −9 |
| | 1120 | 5.9 | 180 |
| | 1810 | −0.3 | −9 |
| | 2347 | 5.0 | 152 |
| **6** Su | 0610 | −0.3 | −9 |
| | 1204 | 5.9 | 180 |
| | 1858 | −0.3 | −9 |
| **7** M | 0032 | 4.9 | 149 |
| | 0655 | −0.3 | −9 |
| | 1247 | 6.0 | 183 |
| | 1943 | −0.3 | −9 |
| **8** Tu ● | 0114 | 4.9 | 149 |
| | 0740 | −0.4 | −12 |
| | 1327 | 6.0 | 183 |
| | 2027 | −0.3 | −9 |
| **9** W | 0154 | 4.9 | 149 |
| | 0823 | −0.4 | −12 |
| | 1406 | 6.0 | 183 |
| | 2109 | −0.3 | −9 |
| **10** Th | 0233 | 4.9 | 149 |
| | 0907 | −0.4 | −12 |
| | 1444 | 6.0 | 183 |
| | 2151 | −0.3 | −9 |
| **11** F | 0312 | 5.0 | 152 |
| | 0951 | −0.4 | −12 |
| | 1523 | 5.9 | 180 |
| | 2232 | −0.4 | −12 |
| **12** Sa | 0352 | 5.1 | 155 |
| | 1038 | −0.4 | −12 |
| | 1605 | 5.9 | 180 |
| | 2315 | −0.4 | −12 |
| **13** Su | 0436 | 5.3 | 162 |
| | 1128 | −0.4 | −12 |
| | 1653 | 5.7 | 174 |
| | 2359 | −0.4 | −12 |
| **14** M | 0524 | 5.4 | 165 |
| | 1223 | −0.3 | −9 |
| | 1748 | 5.5 | 168 |
| **15** Tu ◐ | 0048 | −0.4 | −12 |
| | 0619 | 5.5 | 168 |
| | 1323 | −0.2 | −6 |
| | 1848 | 5.2 | 158 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0141 | −0.3 | −9 |
| | 0719 | 5.6 | 171 |
| | 1427 | −0.1 | −3 |
| | 1952 | 5.0 | 152 |
| **17** Th | 0239 | −0.3 | −9 |
| | 0822 | 5.7 | 174 |
| | 1532 | 0.0 | 0 |
| | 2056 | 4.9 | 149 |
| **18** F | 0340 | −0.2 | −6 |
| | 0924 | 5.8 | 177 |
| | 1635 | −0.1 | −3 |
| | 2158 | 4.8 | 146 |
| **19** Sa | 0441 | −0.3 | −9 |
| | 1025 | 5.9 | 180 |
| | 1736 | −0.2 | −6 |
| | 2257 | 4.9 | 149 |
| **20** Su | 0541 | −0.4 | −12 |
| | 1124 | 6.0 | 183 |
| | 1834 | −0.4 | −12 |
| | 2354 | 5.0 | 152 |
| **21** M | 0637 | −0.5 | −15 |
| | 1219 | 6.1 | 186 |
| | 1927 | −0.5 | −15 |
| **22** Tu ○ | 0048 | 5.1 | 155 |
| | 0730 | −0.6 | −18 |
| | 1311 | 6.1 | 186 |
| | 2017 | −0.6 | −18 |
| **23** W | 0139 | 5.2 | 158 |
| | 0822 | −0.6 | −18 |
| | 1401 | 6.1 | 186 |
| | 2104 | −0.6 | −18 |
| **24** Th | 0228 | 5.3 | 162 |
| | 0911 | −0.6 | −18 |
| | 1449 | 6.0 | 183 |
| | 2149 | −0.6 | −18 |
| **25** F | 0316 | 5.4 | 165 |
| | 0958 | −0.6 | −18 |
| | 1536 | 5.8 | 177 |
| | 2233 | −0.6 | −18 |
| **26** Sa | 0404 | 5.4 | 165 |
| | 1045 | −0.5 | −15 |
| | 1624 | 5.6 | 171 |
| | 2315 | −0.5 | −15 |
| **27** Su | 0451 | 5.4 | 165 |
| | 1132 | −0.4 | −12 |
| | 1712 | 5.4 | 165 |
| | 2356 | −0.5 | −15 |
| **28** M | 0538 | 5.4 | 165 |
| | 1220 | −0.4 | −12 |
| | 1802 | 5.2 | 158 |
| **29** Tu | 0039 | −0.4 | −12 |
| | 0627 | 5.4 | 165 |
| | 1309 | −0.3 | −9 |
| | 1853 | 5.0 | 152 |
| **30** W ◑ | 0123 | −0.3 | −9 |
| | 0717 | 5.4 | 165 |
| | 1401 | −0.2 | −6 |
| | 1947 | 4.9 | 149 |
| **31** Th | 0210 | −0.3 | −9 |
| | 0810 | 5.4 | 165 |
| | 1456 | −0.1 | −3 |
| | 2041 | 4.8 | 146 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0301 | −0.2 | −6 |
| | 0902 | 5.5 | 168 |
| | 1551 | −0.1 | −3 |
| | 2134 | 4.8 | 146 |
| **2** Sa | 0353 | −0.2 | −6 |
| | 0955 | 5.6 | 171 |
| | 1645 | −0.1 | −3 |
| | 2226 | 4.8 | 146 |
| **3** Su | 0446 | −0.2 | −6 |
| | 1046 | 5.7 | 174 |
| | 1738 | −0.1 | −3 |
| | 2315 | 4.9 | 149 |
| **4** M | 0537 | −0.3 | −9 |
| | 1134 | 5.8 | 177 |
| | 1827 | −0.2 | −6 |
| **5** Tu | 0002 | 4.9 | 149 |
| | 0627 | −0.4 | −12 |
| | 1218 | 5.9 | 180 |
| | 1914 | −0.2 | −6 |
| **6** W ● | 0046 | 5.0 | 152 |
| | 0715 | −0.4 | −12 |
| | 1301 | 6.0 | 183 |
| | 1958 | −0.3 | −9 |
| **7** Th | 0127 | 5.2 | 158 |
| | 0802 | −0.5 | −15 |
| | 1342 | 6.0 | 183 |
| | 2041 | −0.3 | −9 |
| **8** F | 0207 | 5.3 | 162 |
| | 0849 | −0.5 | −15 |
| | 1422 | 6.0 | 183 |
| | 2124 | −0.4 | −12 |
| **9** Sa | 0246 | 5.5 | 168 |
| | 0936 | −0.5 | −15 |
| | 1504 | 5.9 | 180 |
| | 2206 | −0.4 | −12 |
| **10** Su | 0327 | 5.6 | 171 |
| | 1025 | −0.5 | −15 |
| | 1549 | 5.8 | 177 |
| | 2249 | −0.4 | −12 |
| **11** M | 0412 | 5.8 | 177 |
| | 1116 | −0.4 | −12 |
| | 1638 | 5.6 | 171 |
| | 2335 | −0.4 | −12 |
| **12** Tu | 0501 | 5.8 | 177 |
| | 1211 | −0.3 | −9 |
| | 1733 | 5.4 | 165 |
| **13** W ◐ | 0024 | −0.3 | −9 |
| | 0557 | 5.8 | 177 |
| | 1310 | −0.1 | −3 |
| | 1833 | 5.1 | 155 |
| **14** Th | 0119 | −0.2 | −6 |
| | 0658 | 5.8 | 177 |
| | 1412 | 0.0 | 0 |
| | 1937 | 4.9 | 149 |
| **15** F | 0219 | −0.1 | −3 |
| | 0803 | 5.7 | 174 |
| | 1516 | 0.1 | 3 |
| | 2041 | 4.9 | 149 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0322 | 0.0 | 0 |
| | 0908 | 5.8 | 177 |
| | 1618 | 0.0 | 0 |
| | 2144 | 4.9 | 149 |
| **17** Su | 0425 | −0.1 | −3 |
| | 1012 | 5.8 | 177 |
| | 1718 | −0.1 | −3 |
| | 2244 | 5.1 | 155 |
| **18** M | 0524 | −0.2 | −6 |
| | 1111 | 6.0 | 183 |
| | 1814 | −0.3 | −9 |
| | 2340 | 5.3 | 162 |
| **19** Tu | 0620 | −0.3 | −9 |
| | 1205 | 6.1 | 186 |
| | 1905 | −0.4 | −12 |
| **20** W ○ | 0032 | 5.5 | 168 |
| | 0713 | −0.4 | −12 |
| | 1255 | 6.1 | 186 |
| | 1953 | −0.4 | −12 |
| **21** Th | 0120 | 5.7 | 174 |
| | 0802 | −0.5 | −15 |
| | 1342 | 6.1 | 186 |
| | 2037 | −0.4 | −12 |
| **22** F | 0206 | 5.8 | 177 |
| | 0849 | −0.4 | −12 |
| | 1426 | 6.0 | 183 |
| | 2119 | −0.3 | −9 |
| **23** Sa | 0249 | 5.9 | 180 |
| | 0935 | −0.4 | −12 |
| | 1510 | 5.9 | 180 |
| | 2159 | −0.3 | −9 |
| **24** Su | 0332 | 5.9 | 180 |
| | 1019 | −0.3 | −9 |
| | 1554 | 5.7 | 174 |
| | 2237 | −0.2 | −6 |
| **25** M | 0414 | 5.9 | 180 |
| | 1103 | −0.2 | −6 |
| | 1640 | 5.5 | 168 |
| | 2316 | −0.1 | −3 |
| **26** Tu | 0458 | 5.9 | 180 |
| | 1147 | −0.1 | −3 |
| | 1727 | 5.3 | 162 |
| | 2355 | 0.0 | 0 |
| **27** W | 0544 | 5.8 | 177 |
| | 1233 | 0.0 | 0 |
| | 1817 | 5.2 | 158 |
| **28** Th ◑ | 0037 | 0.1 | 3 |
| | 0632 | 5.8 | 177 |
| | 1323 | 0.1 | 3 |
| | 1909 | 5.0 | 152 |
| **29** F | 0123 | 0.1 | 3 |
| | 0725 | 5.7 | 174 |
| | 1416 | 0.2 | 6 |
| | 2003 | 5.0 | 152 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0216 | 0.2 | 6 |
| | 0819 | 5.7 | 174 |
| | 1512 | 0.3 | 9 |
| | 2057 | 5.0 | 152 |
| **2** Su | 0312 | 0.2 | 6 |
| | 0915 | 5.7 | 174 |
| | 1608 | 0.3 | 9 |
| | 2150 | 5.1 | 155 |
| **3** M | 0409 | 0.2 | 6 |
| | 1008 | 5.9 | 180 |
| | 1701 | 0.3 | 9 |
| | 2241 | 5.2 | 158 |
| **4** Tu | 0505 | 0.1 | 3 |
| | 1059 | 6.0 | 183 |
| | 1752 | 0.2 | 6 |
| | 2329 | 5.4 | 165 |
| **5** W | 0559 | 0.0 | 0 |
| | 1147 | 6.1 | 186 |
| | 1841 | 0.1 | 3 |
| **6** Th | 0014 | 5.7 | 174 |
| | 0650 | −0.1 | −3 |
| | 1232 | 6.2 | 189 |
| | 1926 | 0.0 | 0 |
| **7** F ● | 0056 | 5.9 | 180 |
| | 0741 | −0.2 | −6 |
| | 1316 | 6.3 | 192 |
| | 2011 | 0.0 | 0 |
| **8** Sa | 0138 | 6.1 | 186 |
| | 0830 | −0.2 | −6 |
| | 1359 | 6.3 | 192 |
| | 2055 | 0.0 | 0 |
| **9** Su | 0220 | 6.3 | 192 |
| | 0920 | −0.2 | −6 |
| | 1444 | 6.2 | 189 |
| | 2139 | 0.0 | 0 |
| **10** M | 0303 | 6.5 | 198 |
| | 1011 | −0.2 | −6 |
| | 1532 | 6.0 | 183 |
| | 2224 | 0.0 | 0 |
| **11** Tu | 0350 | 6.5 | 198 |
| | 1104 | −0.1 | −3 |
| | 1624 | 5.8 | 177 |
| | 2313 | 0.1 | 3 |
| **12** W | 0441 | 6.5 | 198 |
| | 1159 | 0.1 | 3 |
| | 1720 | 5.6 | 171 |
| **13** Th | 0005 | 0.2 | 6 |
| | 0539 | 6.4 | 195 |
| | 1256 | 0.2 | 6 |
| | 1821 | 5.4 | 165 |
| **14** F ◐ | 0102 | 0.3 | 9 |
| | 0642 | 6.2 | 189 |
| | 1357 | 0.3 | 9 |
| | 1925 | 5.3 | 162 |
| **15** Sa | 0203 | 0.4 | 12 |
| | 0748 | 6.1 | 186 |
| | 1458 | 0.4 | 12 |
| | 2029 | 5.3 | 162 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0306 | 0.4 | 12 |
| | 0854 | 6.1 | 186 |
| | 1558 | 0.3 | 9 |
| | 2131 | 5.5 | 168 |
| **17** M | 0407 | 0.3 | 9 |
| | 0957 | 6.1 | 186 |
| | 1656 | 0.2 | 6 |
| | 2229 | 5.7 | 174 |
| **18** Tu | 0506 | 0.2 | 6 |
| | 1055 | 6.2 | 189 |
| | 1749 | 0.1 | 3 |
| | 2323 | 6.0 | 183 |
| **19** W | 0602 | 0.1 | 3 |
| | 1147 | 6.3 | 192 |
| | 1838 | 0.0 | 0 |
| **20** Th | 0012 | 6.2 | 189 |
| | 0653 | 0.0 | 0 |
| | 1234 | 6.3 | 192 |
| | 1923 | 0.0 | 0 |
| **21** F ○ | 0057 | 6.4 | 195 |
| | 0742 | 0.0 | 0 |
| | 1319 | 6.3 | 192 |
| | 2006 | 0.1 | 3 |
| **22** Sa | 0140 | 6.5 | 198 |
| | 0827 | 0.0 | 0 |
| | 1402 | 6.2 | 189 |
| | 2046 | 0.2 | 6 |
| **23** Su | 0220 | 6.6 | 201 |
| | 0911 | 0.1 | 3 |
| | 1444 | 6.1 | 186 |
| | 2124 | 0.4 | 12 |
| **24** M | 0300 | 6.6 | 201 |
| | 0953 | 0.2 | 6 |
| | 1526 | 5.9 | 180 |
| | 2201 | 0.5 | 15 |
| **25** Tu | 0339 | 6.5 | 198 |
| | 1035 | 0.3 | 9 |
| | 1610 | 5.8 | 177 |
| | 2237 | 0.6 | 18 |
| **26** W | 0420 | 6.5 | 198 |
| | 1117 | 0.4 | 12 |
| | 1655 | 5.6 | 171 |
| | 2314 | 0.6 | 18 |
| **27** Th | 0502 | 6.4 | 195 |
| | 1201 | 0.5 | 15 |
| | 1742 | 5.5 | 168 |
| | 2355 | 0.6 | 18 |
| **28** F | 0549 | 6.3 | 192 |
| | 1248 | 0.6 | 18 |
| | 1832 | 5.4 | 165 |
| **29** Sa ◑ | 0041 | 0.6 | 18 |
| | 0640 | 6.2 | 189 |
| | 1338 | 0.7 | 21 |
| | 1925 | 5.4 | 165 |
| **30** Su | 0134 | 0.7 | 21 |
| | 0735 | 6.2 | 189 |
| | 1432 | 0.7 | 21 |
| | 2019 | 5.4 | 165 |
| **31** M | 0232 | 0.7 | 21 |
| | 0832 | 6.2 | 189 |
| | 1528 | 0.8 | 24 |
| | 2112 | 5.6 | 171 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Philadelphia, Pennsylvania, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0333 | 0.7 | 21 |
| | 0928 | 6.3 | 192 |
| | 1622 | 0.7 | 21 |
| | 2204 | 5.8 | 177 |
| **2** W | 0433 | 0.6 | 18 |
| | 1021 | 6.4 | 195 |
| | 1714 | 0.6 | 18 |
| | 2253 | 6.1 | 186 |
| **3** Th | 0531 | 0.5 | 15 |
| | 1112 | 6.5 | 198 |
| | 1804 | 0.5 | 15 |
| | 2340 | 6.5 | 198 |
| **4** F | 0626 | 0.4 | 12 |
| | 1200 | 6.5 | 198 |
| | 1852 | 0.5 | 15 |
| **5** Sa ● | 0024 | 6.8 | 207 |
| | 0719 | 0.3 | 9 |
| | 1248 | 6.5 | 198 |
| | 1939 | 0.4 | 12 |
| **6** Su | 0109 | 7.0 | 213 |
| | 0812 | 0.2 | 6 |
| | 1335 | 6.5 | 198 |
| | 2026 | 0.4 | 12 |
| **7** M | 0153 | 7.2 | 219 |
| | 0904 | 0.2 | 6 |
| | 1424 | 6.4 | 195 |
| | 2113 | 0.5 | 15 |
| **8** Tu | 0240 | 7.3 | 223 |
| | 0957 | 0.2 | 6 |
| | 1515 | 6.2 | 189 |
| | 2202 | 0.5 | 15 |
| **9** W | 0331 | 7.2 | 219 |
| | 1050 | 0.3 | 9 |
| | 1610 | 6.0 | 183 |
| | 2254 | 0.6 | 18 |
| **10** Th | 0425 | 7.1 | 216 |
| | 1145 | 0.4 | 12 |
| | 1708 | 5.9 | 180 |
| | 2348 | 0.7 | 21 |
| **11** F | 0525 | 6.8 | 207 |
| | 1241 | 0.5 | 15 |
| | 1809 | 5.8 | 177 |
| **12** Sa ◐ | 0046 | 0.8 | 24 |
| | 0628 | 6.6 | 201 |
| | 1339 | 0.6 | 18 |
| | 1912 | 5.8 | 177 |
| **13** Su | 0146 | 0.8 | 24 |
| | 0733 | 6.5 | 198 |
| | 1436 | 0.6 | 18 |
| | 2014 | 5.9 | 180 |
| **14** M | 0247 | 0.8 | 24 |
| | 0837 | 6.4 | 195 |
| | 1533 | 0.5 | 15 |
| | 2114 | 6.1 | 186 |
| **15** Tu | 0347 | 0.7 | 21 |
| | 0937 | 6.4 | 195 |
| | 1628 | 0.4 | 12 |
| | 2210 | 6.4 | 195 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0445 | 0.6 | 18 |
| | 1032 | 6.5 | 198 |
| | 1719 | 0.4 | 12 |
| | 2301 | 6.7 | 204 |
| **17** Th | 0540 | 0.5 | 15 |
| | 1122 | 6.5 | 198 |
| | 1806 | 0.4 | 12 |
| | 2348 | 6.9 | 210 |
| **18** F | 0631 | 0.4 | 12 |
| | 1209 | 6.5 | 198 |
| | 1851 | 0.4 | 12 |
| **19** Sa | 0031 | 7.1 | 216 |
| | 0719 | 0.4 | 12 |
| | 1253 | 6.4 | 195 |
| | 1933 | 0.6 | 18 |
| **20** Su ○ | 0112 | 7.1 | 216 |
| | 0804 | 0.4 | 12 |
| | 1336 | 6.3 | 192 |
| | 2012 | 0.7 | 21 |
| **21** M | 0151 | 7.1 | 216 |
| | 0847 | 0.5 | 15 |
| | 1418 | 6.2 | 189 |
| | 2050 | 0.9 | 27 |
| **22** Tu | 0230 | 7.1 | 216 |
| | 0928 | 0.6 | 18 |
| | 1500 | 6.0 | 183 |
| | 2127 | 1.0 | 30 |
| **23** W | 0307 | 7.0 | 213 |
| | 1009 | 0.7 | 21 |
| | 1542 | 5.9 | 180 |
| | 2203 | 1.0 | 30 |
| **24** Th | 0346 | 6.9 | 210 |
| | 1050 | 0.8 | 24 |
| | 1625 | 5.8 | 177 |
| | 2240 | 1.0 | 30 |
| **25** F | 0425 | 6.8 | 207 |
| | 1132 | 0.8 | 24 |
| | 1709 | 5.7 | 174 |
| | 2321 | 1.0 | 30 |
| **26** Sa | 0508 | 6.7 | 204 |
| | 1216 | 0.9 | 27 |
| | 1757 | 5.7 | 174 |
| **27** Su | 0007 | 1.0 | 30 |
| | 0557 | 6.7 | 204 |
| | 1304 | 0.9 | 27 |
| | 1847 | 5.8 | 177 |
| **28** M ◑ | 0059 | 1.0 | 30 |
| | 0651 | 6.6 | 201 |
| | 1354 | 0.9 | 27 |
| | 1940 | 5.9 | 180 |
| **29** Tu | 0158 | 1.0 | 30 |
| | 0749 | 6.5 | 198 |
| | 1447 | 0.9 | 27 |
| | 2033 | 6.1 | 186 |
| **30** W | 0300 | 1.0 | 30 |
| | 0847 | 6.5 | 198 |
| | 1541 | 0.9 | 27 |
| | 2126 | 6.4 | 195 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0403 | 1.0 | 30 |
| | 0943 | 6.6 | 201 |
| | 1634 | 0.8 | 24 |
| | 2216 | 6.7 | 204 |
| **2** F | 0504 | 0.8 | 24 |
| | 1037 | 6.6 | 201 |
| | 1727 | 0.8 | 24 |
| | 2305 | 7.1 | 216 |
| **3** Sa | 0602 | 0.7 | 21 |
| | 1130 | 6.6 | 201 |
| | 1818 | 0.8 | 24 |
| | 2354 | 7.4 | 226 |
| **4** Su | 0659 | 0.6 | 18 |
| | 1221 | 6.5 | 198 |
| | 1908 | 0.7 | 21 |
| **5** M ● | 0041 | 7.6 | 232 |
| | 0754 | 0.5 | 15 |
| | 1313 | 6.4 | 195 |
| | 1959 | 0.8 | 24 |
| **6** Tu | 0130 | 7.7 | 235 |
| | 0848 | 0.5 | 15 |
| | 1405 | 6.3 | 192 |
| | 2050 | 0.8 | 24 |
| **7** W | 0221 | 7.7 | 235 |
| | 0941 | 0.5 | 15 |
| | 1459 | 6.2 | 189 |
| | 2143 | 0.8 | 24 |
| **8** Th | 0314 | 7.5 | 229 |
| | 1035 | 0.5 | 15 |
| | 1555 | 6.1 | 186 |
| | 2236 | 0.8 | 24 |
| **9** F | 0411 | 7.3 | 223 |
| | 1128 | 0.5 | 15 |
| | 1654 | 6.1 | 186 |
| | 2331 | 0.9 | 27 |
| **10** Sa | 0510 | 7.1 | 216 |
| | 1222 | 0.6 | 18 |
| | 1754 | 6.1 | 186 |
| **11** Su ◐ | 0028 | 0.9 | 27 |
| | 0611 | 6.9 | 210 |
| | 1316 | 0.6 | 18 |
| | 1854 | 6.2 | 189 |
| **12** M | 0126 | 0.9 | 27 |
| | 0713 | 6.7 | 204 |
| | 1410 | 0.5 | 15 |
| | 1953 | 6.4 | 195 |
| **13** Tu | 0225 | 0.9 | 27 |
| | 0812 | 6.6 | 201 |
| | 1503 | 0.5 | 15 |
| | 2050 | 6.6 | 201 |
| **14** W | 0323 | 0.9 | 27 |
| | 0909 | 6.5 | 198 |
| | 1554 | 0.5 | 15 |
| | 2143 | 6.8 | 207 |
| **15** Th | 0420 | 0.8 | 24 |
| | 1003 | 6.5 | 198 |
| | 1644 | 0.5 | 15 |
| | 2233 | 7.0 | 213 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0514 | 0.7 | 21 |
| | 1053 | 6.4 | 195 |
| | 1731 | 0.6 | 18 |
| | 2319 | 7.2 | 219 |
| **17** Sa | 0605 | 0.6 | 18 |
| | 1141 | 6.4 | 195 |
| | 1816 | 0.7 | 21 |
| **18** Su | 0003 | 7.3 | 223 |
| | 0653 | 0.6 | 18 |
| | 1227 | 6.3 | 192 |
| | 1858 | 0.8 | 24 |
| **19** M ○ | 0044 | 7.3 | 223 |
| | 0739 | 0.6 | 18 |
| | 1311 | 6.2 | 189 |
| | 1939 | 0.9 | 27 |
| **20** Tu | 0124 | 7.3 | 223 |
| | 0822 | 0.7 | 21 |
| | 1353 | 6.1 | 186 |
| | 2019 | 1.1 | 34 |
| **21** W | 0202 | 7.2 | 219 |
| | 0904 | 0.7 | 21 |
| | 1435 | 5.9 | 180 |
| | 2057 | 1.1 | 34 |
| **22** Th | 0240 | 7.1 | 216 |
| | 0945 | 0.8 | 24 |
| | 1516 | 5.9 | 180 |
| | 2135 | 1.1 | 34 |
| **23** F | 0317 | 7.0 | 213 |
| | 1025 | 0.9 | 27 |
| | 1557 | 5.8 | 177 |
| | 2214 | 1.1 | 34 |
| **24** Sa | 0355 | 7.0 | 213 |
| | 1106 | 0.9 | 27 |
| | 1639 | 5.8 | 177 |
| | 2255 | 1.1 | 34 |
| **25** Su | 0435 | 6.9 | 210 |
| | 1148 | 0.8 | 24 |
| | 1723 | 5.9 | 180 |
| | 2341 | 1.0 | 30 |
| **26** M | 0520 | 6.9 | 210 |
| | 1232 | 0.8 | 24 |
| | 1810 | 6.0 | 183 |
| **27** Tu ◑ | 0032 | 1.0 | 30 |
| | 0612 | 6.7 | 204 |
| | 1318 | 0.8 | 24 |
| | 1901 | 6.2 | 189 |
| **28** W | 0130 | 1.1 | 34 |
| | 0709 | 6.6 | 201 |
| | 1408 | 0.8 | 24 |
| | 1954 | 6.4 | 195 |
| **29** Th | 0233 | 1.1 | 34 |
| | 0809 | 6.5 | 198 |
| | 1501 | 0.8 | 24 |
| | 2048 | 6.7 | 204 |
| **30** F | 0337 | 1.1 | 34 |
| | 0908 | 6.4 | 195 |
| | 1556 | 0.8 | 24 |
| | 2142 | 7.0 | 213 |
| **31** Sa | 0440 | 1.0 | 30 |
| | 1006 | 6.3 | 192 |
| | 1652 | 0.8 | 24 |
| | 2234 | 7.3 | 223 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0541 | 0.8 | 24 |
| | 1102 | 6.3 | 192 |
| | 1747 | 0.8 | 24 |
| | 2327 | 7.5 | 229 |
| **2** M | 0640 | 0.7 | 21 |
| | 1157 | 6.2 | 189 |
| | 1842 | 0.8 | 24 |
| **3** Tu ● | 0019 | 7.7 | 235 |
| | 0736 | 0.6 | 18 |
| | 1252 | 6.2 | 189 |
| | 1936 | 0.8 | 24 |
| **4** W | 0111 | 7.7 | 235 |
| | 0831 | 0.5 | 15 |
| | 1347 | 6.1 | 186 |
| | 2031 | 0.8 | 24 |
| **5** Th | 0204 | 7.6 | 232 |
| | 0924 | 0.5 | 15 |
| | 1442 | 6.1 | 186 |
| | 2124 | 0.8 | 24 |
| **6** F | 0259 | 7.5 | 229 |
| | 1016 | 0.4 | 12 |
| | 1538 | 6.1 | 186 |
| | 2218 | 0.8 | 24 |
| **7** Sa | 0355 | 7.3 | 223 |
| | 1107 | 0.4 | 12 |
| | 1635 | 6.1 | 186 |
| | 2312 | 0.8 | 24 |
| **8** Su | 0452 | 7.0 | 213 |
| | 1158 | 0.4 | 12 |
| | 1733 | 6.2 | 189 |
| **9** M | 0007 | 0.8 | 24 |
| | 0549 | 6.8 | 207 |
| | 1248 | 0.4 | 12 |
| | 1830 | 6.3 | 192 |
| **10** Tu ◐ | 0102 | 0.8 | 24 |
| | 0646 | 6.6 | 201 |
| | 1338 | 0.4 | 12 |
| | 1925 | 6.5 | 198 |
| **11** W | 0158 | 0.9 | 27 |
| | 0742 | 6.4 | 195 |
| | 1427 | 0.4 | 12 |
| | 2019 | 6.7 | 204 |
| **12** Th | 0255 | 0.8 | 24 |
| | 0837 | 6.3 | 192 |
| | 1517 | 0.4 | 12 |
| | 2111 | 6.9 | 210 |
| **13** F | 0350 | 0.8 | 24 |
| | 0931 | 6.2 | 189 |
| | 1606 | 0.5 | 15 |
| | 2200 | 7.0 | 213 |
| **14** Sa | 0445 | 0.7 | 21 |
| | 1022 | 6.1 | 186 |
| | 1653 | 0.6 | 18 |
| | 2248 | 7.1 | 216 |
| **15** Su | 0536 | 0.6 | 18 |
| | 1112 | 6.1 | 186 |
| | 1740 | 0.7 | 21 |
| | 2333 | 7.2 | 219 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0626 | 0.6 | 18 |
| | 1159 | 6.0 | 183 |
| | 1825 | 0.8 | 24 |
| **17** Tu | 0016 | 7.2 | 219 |
| | 0712 | 0.6 | 18 |
| | 1244 | 5.9 | 180 |
| | 1908 | 0.9 | 27 |
| **18** W ○ | 0057 | 7.1 | 216 |
| | 0756 | 0.6 | 18 |
| | 1328 | 5.8 | 177 |
| | 1950 | 0.9 | 27 |
| **19** Th | 0137 | 7.1 | 216 |
| | 0839 | 0.7 | 21 |
| | 1409 | 5.8 | 177 |
| | 2031 | 1.0 | 30 |
| **20** F | 0215 | 7.0 | 213 |
| | 0920 | 0.7 | 21 |
| | 1450 | 5.7 | 174 |
| | 2111 | 1.0 | 30 |
| **21** Sa | 0253 | 7.0 | 213 |
| | 1000 | 0.7 | 21 |
| | 1529 | 5.7 | 174 |
| | 2152 | 0.9 | 27 |
| **22** Su | 0330 | 6.9 | 210 |
| | 1040 | 0.7 | 21 |
| | 1609 | 5.8 | 177 |
| | 2235 | 0.9 | 27 |
| **23** M | 0408 | 6.9 | 210 |
| | 1120 | 0.6 | 18 |
| | 1650 | 5.9 | 180 |
| | 2321 | 0.9 | 27 |
| **24** Tu | 0450 | 6.8 | 207 |
| | 1201 | 0.5 | 15 |
| | 1735 | 6.1 | 186 |
| **25** W | 0012 | 0.9 | 27 |
| | 0540 | 6.6 | 201 |
| | 1245 | 0.5 | 15 |
| | 1824 | 6.3 | 192 |
| **26** Th ◑ | 0109 | 1.0 | 30 |
| | 0636 | 6.4 | 195 |
| | 1334 | 0.5 | 15 |
| | 1918 | 6.5 | 198 |
| **27** F | 0211 | 1.0 | 30 |
| | 0737 | 6.2 | 189 |
| | 1427 | 0.6 | 18 |
| | 2014 | 6.8 | 207 |
| **28** Sa | 0316 | 1.0 | 30 |
| | 0840 | 6.1 | 186 |
| | 1524 | 0.6 | 18 |
| | 2112 | 7.0 | 213 |
| **29** Su | 0420 | 1.0 | 30 |
| | 0941 | 6.0 | 183 |
| | 1624 | 0.7 | 21 |
| | 2209 | 7.2 | 219 |
| **30** M | 0523 | 0.8 | 24 |
| | 1041 | 5.9 | 180 |
| | 1723 | 0.7 | 21 |
| | 2306 | 7.4 | 226 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Philadelphia, Pennsylvania, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0622 | 0.7 | 21 |
| | 1138 | 5.9 | 180 |
| | 1821 | 0.7 | 21 |
| **2** W ● | 0001 | 7.5 | 229 |
| | 0719 | 0.6 | 18 |
| | 1234 | 5.9 | 180 |
| | 1918 | 0.6 | 18 |
| **3** Th | 0056 | 7.5 | 229 |
| | 0813 | 0.4 | 12 |
| | 1330 | 6.0 | 183 |
| | 2013 | 0.6 | 18 |
| **4** F | 0150 | 7.4 | 226 |
| | 0905 | 0.3 | 9 |
| | 1424 | 6.1 | 186 |
| | 2106 | 0.6 | 18 |
| **5** Sa | 0243 | 7.3 | 223 |
| | 0954 | 0.3 | 9 |
| | 1518 | 6.1 | 186 |
| | 2159 | 0.6 | 18 |
| **6** Su | 0336 | 7.1 | 216 |
| | 1042 | 0.2 | 6 |
| | 1612 | 6.2 | 189 |
| | 2251 | 0.6 | 18 |
| **7** M | 0428 | 6.8 | 207 |
| | 1129 | 0.2 | 6 |
| | 1705 | 6.3 | 192 |
| | 2343 | 0.7 | 21 |
| **8** Tu | 0521 | 6.6 | 201 |
| | 1215 | 0.2 | 6 |
| | 1758 | 6.4 | 195 |
| **9** W ◐ | 0035 | 0.7 | 21 |
| | 0614 | 6.4 | 195 |
| | 1301 | 0.3 | 9 |
| | 1850 | 6.5 | 198 |
| **10** Th | 0128 | 0.8 | 24 |
| | 0708 | 6.1 | 186 |
| | 1348 | 0.3 | 9 |
| | 1942 | 6.6 | 201 |
| **11** F | 0222 | 0.8 | 24 |
| | 0803 | 6.0 | 183 |
| | 1436 | 0.4 | 12 |
| | 2034 | 6.7 | 204 |
| **12** Sa | 0317 | 0.8 | 24 |
| | 0857 | 5.9 | 180 |
| | 1525 | 0.5 | 15 |
| | 2124 | 6.8 | 207 |
| **13** Su | 0412 | 0.7 | 21 |
| | 0950 | 5.8 | 177 |
| | 1614 | 0.6 | 18 |
| | 2214 | 6.9 | 210 |
| **14** M | 0505 | 0.7 | 21 |
| | 1041 | 5.8 | 177 |
| | 1703 | 0.6 | 18 |
| | 2302 | 6.9 | 210 |
| **15** Tu | 0555 | 0.6 | 18 |
| | 1130 | 5.8 | 177 |
| | 1751 | 0.7 | 21 |
| | 2348 | 7.0 | 213 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0643 | 0.6 | 18 |
| | 1217 | 5.8 | 177 |
| | 1838 | 0.7 | 21 |
| **17** Th | 0031 | 7.0 | 213 |
| | 0728 | 0.6 | 18 |
| | 1301 | 5.7 | 174 |
| | 1922 | 0.7 | 21 |
| **18** F ○ | 0112 | 7.0 | 213 |
| | 0811 | 0.6 | 18 |
| | 1342 | 5.7 | 174 |
| | 2006 | 0.7 | 21 |
| **19** Sa | 0151 | 6.9 | 210 |
| | 0852 | 0.6 | 18 |
| | 1422 | 5.8 | 177 |
| | 2049 | 0.7 | 21 |
| **20** Su | 0229 | 6.9 | 210 |
| | 0933 | 0.5 | 15 |
| | 1500 | 5.9 | 180 |
| | 2133 | 0.7 | 21 |
| **21** M | 0306 | 6.9 | 210 |
| | 1012 | 0.5 | 15 |
| | 1539 | 6.0 | 183 |
| | 2217 | 0.7 | 21 |
| **22** Tu | 0344 | 6.8 | 207 |
| | 1051 | 0.4 | 12 |
| | 1618 | 6.2 | 189 |
| | 2305 | 0.8 | 24 |
| **23** W | 0427 | 6.6 | 201 |
| | 1132 | 0.4 | 12 |
| | 1702 | 6.4 | 195 |
| | 2356 | 0.8 | 24 |
| **24** Th | 0515 | 6.4 | 195 |
| | 1216 | 0.4 | 12 |
| | 1751 | 6.5 | 198 |
| **25** F ◑ | 0053 | 0.9 | 27 |
| | 0612 | 6.2 | 189 |
| | 1305 | 0.5 | 15 |
| | 1847 | 6.7 | 204 |
| **26** Sa | 0155 | 1.0 | 30 |
| | 0715 | 5.9 | 180 |
| | 1400 | 0.5 | 15 |
| | 1947 | 6.8 | 207 |
| **27** Su | 0259 | 1.0 | 30 |
| | 0819 | 5.8 | 177 |
| | 1501 | 0.6 | 18 |
| | 2049 | 6.9 | 210 |
| **28** M | 0404 | 1.0 | 30 |
| | 0923 | 5.7 | 174 |
| | 1604 | 0.7 | 21 |
| | 2151 | 7.0 | 213 |
| **29** Tu | 0506 | 0.8 | 24 |
| | 1024 | 5.7 | 174 |
| | 1706 | 0.6 | 18 |
| | 2251 | 7.1 | 216 |
| **30** W | 0605 | 0.7 | 21 |
| | 1123 | 5.8 | 177 |
| | 1805 | 0.6 | 18 |
| | 2348 | 7.2 | 219 |
| **31** Th | 0700 | 0.5 | 15 |
| | 1219 | 6.0 | 183 |
| | 1902 | 0.5 | 15 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0042 | 7.3 | 223 |
| | 0752 | 0.4 | 12 |
| | 1313 | 6.1 | 186 |
| | 1955 | 0.5 | 15 |
| **2** Sa | 0134 | 7.2 | 219 |
| | 0841 | 0.3 | 9 |
| | 1405 | 6.2 | 189 |
| | 2047 | 0.5 | 15 |
| **3** Su | 0223 | 7.1 | 216 |
| | 0928 | 0.2 | 6 |
| | 1455 | 6.4 | 195 |
| | 2138 | 0.5 | 15 |
| **4** M | 0312 | 6.9 | 210 |
| | 1012 | 0.2 | 6 |
| | 1544 | 6.4 | 195 |
| | 2227 | 0.6 | 18 |
| **5** Tu | 0401 | 6.7 | 204 |
| | 1056 | 0.3 | 9 |
| | 1632 | 6.5 | 198 |
| | 2316 | 0.6 | 18 |
| **6** W | 0450 | 6.4 | 195 |
| | 1139 | 0.3 | 9 |
| | 1721 | 6.5 | 198 |
| **7** Th | 0005 | 0.7 | 21 |
| | 0541 | 6.2 | 189 |
| | 1222 | 0.4 | 12 |
| | 1811 | 6.6 | 201 |
| **8** F ◐ | 0055 | 0.8 | 24 |
| | 0633 | 6.0 | 183 |
| | 1306 | 0.5 | 15 |
| | 1901 | 6.6 | 201 |
| **9** Sa | 0148 | 0.8 | 24 |
| | 0727 | 5.8 | 177 |
| | 1353 | 0.6 | 18 |
| | 1954 | 6.6 | 201 |
| **10** Su | 0241 | 0.9 | 27 |
| | 0822 | 5.7 | 174 |
| | 1443 | 0.7 | 21 |
| | 2047 | 6.6 | 201 |
| **11** M | 0336 | 0.9 | 27 |
| | 0916 | 5.7 | 174 |
| | 1535 | 0.7 | 21 |
| | 2139 | 6.7 | 204 |
| **12** Tu | 0430 | 0.8 | 24 |
| | 1009 | 5.7 | 174 |
| | 1627 | 0.7 | 21 |
| | 2230 | 6.8 | 207 |
| **13** W | 0521 | 0.8 | 24 |
| | 1059 | 5.8 | 177 |
| | 1718 | 0.7 | 21 |
| | 2318 | 6.9 | 210 |
| **14** Th | 0610 | 0.7 | 21 |
| | 1146 | 5.8 | 177 |
| | 1808 | 0.6 | 18 |
| **15** F | 0003 | 7.0 | 213 |
| | 0656 | 0.6 | 18 |
| | 1231 | 5.9 | 180 |
| | 1855 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0045 | 7.0 | 213 |
| | 0740 | 0.6 | 18 |
| | 1312 | 6.0 | 183 |
| | 1942 | 0.6 | 18 |
| **17** Su | 0124 | 7.0 | 213 |
| | 0822 | 0.5 | 15 |
| | 1352 | 6.2 | 189 |
| | 2028 | 0.6 | 18 |
| **18** M | 0203 | 6.9 | 210 |
| | 0902 | 0.5 | 15 |
| | 1430 | 6.3 | 192 |
| | 2114 | 0.7 | 21 |
| **19** Tu | 0242 | 6.9 | 210 |
| | 0942 | 0.5 | 15 |
| | 1508 | 6.5 | 198 |
| | 2201 | 0.7 | 21 |
| **20** W | 0322 | 6.7 | 204 |
| | 1023 | 0.5 | 15 |
| | 1548 | 6.6 | 201 |
| | 2250 | 0.8 | 24 |
| **21** Th | 0407 | 6.5 | 198 |
| | 1106 | 0.5 | 15 |
| | 1633 | 6.8 | 207 |
| | 2343 | 0.9 | 27 |
| **22** F | 0458 | 6.3 | 192 |
| | 1152 | 0.5 | 15 |
| | 1725 | 6.8 | 207 |
| **23** Sa ◑ | 0040 | 1.0 | 30 |
| | 0556 | 6.0 | 183 |
| | 1244 | 0.6 | 18 |
| | 1824 | 6.8 | 207 |
| **24** Su | 0141 | 1.1 | 34 |
| | 0700 | 5.8 | 177 |
| | 1343 | 0.7 | 21 |
| | 1928 | 6.8 | 207 |
| **25** M | 0244 | 1.1 | 34 |
| | 0805 | 5.7 | 174 |
| | 1446 | 0.8 | 24 |
| | 2034 | 6.8 | 207 |
| **26** Tu | 0348 | 1.0 | 30 |
| | 0910 | 5.7 | 174 |
| | 1549 | 0.8 | 24 |
| | 2138 | 6.9 | 210 |
| **27** W | 0448 | 0.9 | 27 |
| | 1012 | 5.8 | 177 |
| | 1651 | 0.7 | 21 |
| | 2239 | 7.0 | 213 |
| **28** Th | 0546 | 0.7 | 21 |
| | 1110 | 6.1 | 186 |
| | 1750 | 0.6 | 18 |
| | 2335 | 7.1 | 216 |
| **29** F | 0639 | 0.5 | 15 |
| | 1204 | 6.3 | 192 |
| | 1845 | 0.5 | 15 |
| **30** Sa ● | 0027 | 7.2 | 219 |
| | 0728 | 0.4 | 12 |
| | 1255 | 6.5 | 198 |
| | 1938 | 0.5 | 15 |
| **31** Su | 0115 | 7.1 | 216 |
| | 0814 | 0.3 | 9 |
| | 1342 | 6.7 | 204 |
| | 2027 | 0.5 | 15 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0202 | 7.0 | 213 |
| | 0858 | 0.4 | 12 |
| | 1428 | 6.8 | 207 |
| | 2115 | 0.6 | 18 |
| **2** Tu | 0247 | 6.8 | 207 |
| | 0940 | 0.5 | 15 |
| | 1513 | 6.8 | 207 |
| | 2202 | 0.7 | 21 |
| **3** W | 0333 | 6.6 | 201 |
| | 1021 | 0.6 | 18 |
| | 1557 | 6.8 | 207 |
| | 2248 | 0.8 | 24 |
| **4** Th | 0419 | 6.4 | 195 |
| | 1101 | 0.7 | 21 |
| | 1642 | 6.7 | 204 |
| | 2334 | 0.9 | 27 |
| **5** F | 0508 | 6.1 | 186 |
| | 1141 | 0.8 | 24 |
| | 1730 | 6.7 | 204 |
| **6** Sa | 0022 | 1.0 | 30 |
| | 0558 | 5.9 | 180 |
| | 1224 | 0.8 | 24 |
| | 1819 | 6.6 | 201 |
| **7** Su ◐ | 0112 | 1.0 | 30 |
| | 0651 | 5.8 | 177 |
| | 1310 | 0.9 | 27 |
| | 1912 | 6.6 | 201 |
| **8** M | 0204 | 1.1 | 34 |
| | 0746 | 5.7 | 174 |
| | 1401 | 0.9 | 27 |
| | 2007 | 6.6 | 201 |
| **9** Tu | 0258 | 1.1 | 34 |
| | 0841 | 5.7 | 174 |
| | 1455 | 0.9 | 27 |
| | 2101 | 6.6 | 201 |
| **10** W | 0352 | 1.0 | 30 |
| | 0934 | 5.8 | 177 |
| | 1550 | 0.9 | 27 |
| | 2154 | 6.8 | 207 |
| **11** Th | 0444 | 0.9 | 27 |
| | 1025 | 5.9 | 180 |
| | 1645 | 0.8 | 24 |
| | 2244 | 6.9 | 210 |
| **12** F | 0534 | 0.8 | 24 |
| | 1113 | 6.1 | 186 |
| | 1738 | 0.7 | 21 |
| | 2330 | 7.0 | 213 |
| **13** Sa | 0621 | 0.7 | 21 |
| | 1158 | 6.3 | 192 |
| | 1828 | 0.7 | 21 |
| **14** Su | 0014 | 7.0 | 213 |
| | 0705 | 0.6 | 18 |
| | 1240 | 6.5 | 198 |
| | 1918 | 0.6 | 18 |
| **15** M ○ | 0055 | 7.0 | 213 |
| | 0748 | 0.6 | 18 |
| | 1320 | 6.7 | 204 |
| | 2006 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0136 | 7.0 | 213 |
| | 0830 | 0.6 | 18 |
| | 1359 | 6.9 | 210 |
| | 2055 | 0.7 | 21 |
| **17** W | 0218 | 6.8 | 207 |
| | 0913 | 0.6 | 18 |
| | 1439 | 7.0 | 213 |
| | 2145 | 0.7 | 21 |
| **18** Th | 0302 | 6.6 | 201 |
| | 0956 | 0.6 | 18 |
| | 1522 | 7.1 | 216 |
| | 2236 | 0.8 | 24 |
| **19** F | 0350 | 6.4 | 195 |
| | 1043 | 0.7 | 21 |
| | 1610 | 7.1 | 216 |
| | 2330 | 0.9 | 27 |
| **20** Sa | 0444 | 6.2 | 189 |
| | 1133 | 0.7 | 21 |
| | 1706 | 7.0 | 213 |
| **21** Su | 0027 | 1.0 | 30 |
| | 0544 | 5.9 | 180 |
| | 1229 | 0.8 | 24 |
| | 1808 | 6.9 | 210 |
| **22** M ◑ | 0127 | 1.1 | 34 |
| | 0648 | 5.8 | 177 |
| | 1329 | 0.9 | 27 |
| | 1915 | 6.8 | 207 |
| **23** Tu | 0228 | 1.1 | 34 |
| | 0754 | 5.8 | 177 |
| | 1432 | 0.9 | 27 |
| | 2022 | 6.8 | 207 |
| **24** W | 0329 | 1.0 | 30 |
| | 0858 | 5.9 | 180 |
| | 1535 | 0.9 | 27 |
| | 2126 | 6.8 | 207 |
| **25** Th | 0428 | 0.8 | 24 |
| | 0959 | 6.1 | 186 |
| | 1636 | 0.7 | 21 |
| | 2225 | 6.9 | 210 |
| **26** F | 0522 | 0.6 | 18 |
| | 1055 | 6.4 | 195 |
| | 1734 | 0.6 | 18 |
| | 2319 | 7.0 | 213 |
| **27** Sa | 0613 | 0.4 | 12 |
| | 1146 | 6.7 | 204 |
| | 1828 | 0.5 | 15 |
| **28** Su | 0008 | 7.0 | 213 |
| | 0700 | 0.4 | 12 |
| | 1234 | 6.9 | 210 |
| | 1918 | 0.5 | 15 |
| **29** M ● | 0054 | 6.9 | 210 |
| | 0744 | 0.4 | 12 |
| | 1318 | 7.0 | 213 |
| | 2006 | 0.5 | 15 |
| **30** Tu | 0138 | 6.8 | 207 |
| | 0826 | 0.5 | 15 |
| | 1401 | 7.1 | 216 |
| | 2052 | 0.6 | 18 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Philadelphia, Pennsylvania, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0222 | 6.6 | 201 |
| | 0906 | 0.7 | 21 |
| | 1442 | 7.0 | 213 |
| | 2137 | 0.7 | 21 |
| **2** Th | 0305 | 6.4 | 195 |
| | 0945 | 0.8 | 24 |
| | 1523 | 7.0 | 213 |
| | 2221 | 0.8 | 24 |
| **3** F | 0350 | 6.2 | 189 |
| | 1024 | 0.9 | 27 |
| | 1606 | 6.9 | 210 |
| | 2304 | 0.9 | 27 |
| **4** Sa | 0436 | 6.0 | 183 |
| | 1103 | 0.9 | 27 |
| | 1650 | 6.8 | 207 |
| | 2349 | 1.0 | 30 |
| **5** Su | 0524 | 5.8 | 177 |
| | 1144 | 1.0 | 30 |
| | 1738 | 6.7 | 204 |
| **6** M | 0036 | 1.1 | 34 |
| | 0615 | 5.7 | 174 |
| | 1229 | 1.0 | 30 |
| | 1830 | 6.6 | 201 |
| **7** Tu ◐ | 0126 | 1.1 | 34 |
| | 0709 | 5.6 | 171 |
| | 1320 | 1.0 | 30 |
| | 1925 | 6.5 | 198 |
| **8** W | 0218 | 1.1 | 34 |
| | 0803 | 5.7 | 174 |
| | 1415 | 0.9 | 27 |
| | 2020 | 6.6 | 201 |
| **9** Th | 0311 | 1.0 | 30 |
| | 0857 | 5.8 | 177 |
| | 1513 | 0.9 | 27 |
| | 2114 | 6.6 | 201 |
| **10** F | 0404 | 0.9 | 27 |
| | 0948 | 6.0 | 183 |
| | 1611 | 0.8 | 24 |
| | 2206 | 6.7 | 204 |
| **11** Sa | 0454 | 0.8 | 24 |
| | 1036 | 6.3 | 192 |
| | 1707 | 0.7 | 21 |
| | 2254 | 6.8 | 207 |
| **12** Su | 0542 | 0.7 | 21 |
| | 1122 | 6.6 | 201 |
| | 1802 | 0.6 | 18 |
| | 2341 | 6.8 | 207 |
| **13** M | 0629 | 0.6 | 18 |
| | 1205 | 6.9 | 210 |
| | 1854 | 0.6 | 18 |
| **14** Tu ○ | 0026 | 6.8 | 207 |
| | 0714 | 0.6 | 18 |
| | 1248 | 7.1 | 216 |
| | 1946 | 0.6 | 18 |
| **15** W | 0110 | 6.7 | 204 |
| | 0759 | 0.6 | 18 |
| | 1330 | 7.3 | 223 |
| | 2037 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0156 | 6.6 | 201 |
| | 0845 | 0.6 | 18 |
| | 1414 | 7.3 | 223 |
| | 2129 | 0.6 | 18 |
| **17** F | 0244 | 6.4 | 195 |
| | 0933 | 0.6 | 18 |
| | 1501 | 7.3 | 223 |
| | 2222 | 0.7 | 21 |
| **18** Sa | 0335 | 6.2 | 189 |
| | 1024 | 0.6 | 18 |
| | 1554 | 7.2 | 219 |
| | 2317 | 0.8 | 24 |
| **19** Su | 0432 | 6.0 | 183 |
| | 1117 | 0.7 | 21 |
| | 1652 | 7.0 | 213 |
| **20** M | 0013 | 0.8 | 24 |
| | 0533 | 5.8 | 177 |
| | 1215 | 0.8 | 24 |
| | 1756 | 6.8 | 207 |
| **21** Tu ◑ | 0110 | 0.8 | 24 |
| | 0636 | 5.7 | 174 |
| | 1315 | 0.8 | 24 |
| | 1902 | 6.7 | 204 |
| **22** W | 0209 | 0.8 | 24 |
| | 0741 | 5.8 | 177 |
| | 1416 | 0.8 | 24 |
| | 2007 | 6.6 | 201 |
| **23** Th | 0306 | 0.7 | 21 |
| | 0843 | 6.0 | 183 |
| | 1518 | 0.7 | 21 |
| | 2108 | 6.6 | 201 |
| **24** F | 0402 | 0.5 | 15 |
| | 0942 | 6.3 | 192 |
| | 1618 | 0.6 | 18 |
| | 2205 | 6.6 | 201 |
| **25** Sa | 0454 | 0.3 | 9 |
| | 1036 | 6.6 | 201 |
| | 1714 | 0.5 | 15 |
| | 2257 | 6.6 | 201 |
| **26** Su | 0544 | 0.3 | 9 |
| | 1125 | 6.8 | 207 |
| | 1808 | 0.4 | 12 |
| | 2346 | 6.6 | 201 |
| **27** M | 0630 | 0.3 | 9 |
| | 1210 | 7.0 | 213 |
| | 1857 | 0.3 | 9 |
| **28** Tu ● | 0031 | 6.5 | 198 |
| | 0713 | 0.3 | 9 |
| | 1253 | 7.0 | 213 |
| | 1944 | 0.4 | 12 |
| **29** W | 0115 | 6.4 | 195 |
| | 0755 | 0.5 | 15 |
| | 1334 | 7.0 | 213 |
| | 2029 | 0.5 | 15 |
| **30** Th | 0158 | 6.2 | 189 |
| | 0834 | 0.6 | 18 |
| | 1414 | 6.9 | 210 |
| | 2112 | 0.6 | 18 |
| **31** F | 0240 | 6.0 | 183 |
| | 0913 | 0.7 | 21 |
| | 1453 | 6.8 | 207 |
| | 2155 | 0.7 | 21 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0323 | 5.8 | 177 |
| | 0950 | 0.8 | 24 |
| | 1534 | 6.7 | 204 |
| | 2236 | 0.8 | 24 |
| **2** Su | 0407 | 5.7 | 174 |
| | 1029 | 0.8 | 24 |
| | 1616 | 6.6 | 201 |
| | 2319 | 0.8 | 24 |
| **3** M | 0452 | 5.5 | 168 |
| | 1109 | 0.7 | 21 |
| | 1700 | 6.5 | 198 |
| **4** Tu | 0003 | 0.8 | 24 |
| | 0540 | 5.5 | 168 |
| | 1153 | 0.7 | 21 |
| | 1749 | 6.4 | 195 |
| **5** W ◐ | 0049 | 0.8 | 24 |
| | 0630 | 5.4 | 165 |
| | 1243 | 0.7 | 21 |
| | 1842 | 6.3 | 192 |
| **6** Th | 0137 | 0.8 | 24 |
| | 0722 | 5.5 | 168 |
| | 1338 | 0.7 | 21 |
| | 1936 | 6.3 | 192 |
| **7** F | 0228 | 0.7 | 21 |
| | 0815 | 5.7 | 174 |
| | 1438 | 0.7 | 21 |
| | 2032 | 6.3 | 192 |
| **8** Sa | 0320 | 0.6 | 18 |
| | 0907 | 5.9 | 180 |
| | 1538 | 0.6 | 18 |
| | 2126 | 6.3 | 192 |
| **9** Su | 0412 | 0.5 | 15 |
| | 0957 | 6.2 | 189 |
| | 1638 | 0.6 | 18 |
| | 2218 | 6.3 | 192 |
| **10** M | 0503 | 0.4 | 12 |
| | 1045 | 6.6 | 201 |
| | 1736 | 0.5 | 15 |
| | 2308 | 6.3 | 192 |
| **11** Tu | 0553 | 0.3 | 9 |
| | 1132 | 6.9 | 210 |
| | 1832 | 0.4 | 12 |
| | 2357 | 6.3 | 192 |
| **12** W | 0642 | 0.3 | 9 |
| | 1218 | 7.1 | 216 |
| | 1926 | 0.3 | 9 |
| **13** Th ○ | 0046 | 6.2 | 189 |
| | 0732 | 0.3 | 9 |
| | 1305 | 7.2 | 219 |
| | 2020 | 0.3 | 9 |
| **14** F | 0136 | 6.1 | 186 |
| | 0822 | 0.3 | 9 |
| | 1354 | 7.2 | 219 |
| | 2113 | 0.3 | 9 |
| **15** Sa | 0227 | 5.9 | 180 |
| | 0914 | 0.3 | 9 |
| | 1446 | 7.1 | 216 |
| | 2207 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0321 | 5.8 | 177 |
| | 1007 | 0.3 | 9 |
| | 1541 | 6.9 | 210 |
| | 2300 | 0.3 | 9 |
| **17** M | 0418 | 5.6 | 171 |
| | 1102 | 0.3 | 9 |
| | 1640 | 6.7 | 204 |
| | 2354 | 0.3 | 9 |
| **18** Tu | 0518 | 5.6 | 171 |
| | 1159 | 0.3 | 9 |
| | 1741 | 6.5 | 198 |
| **19** W ◑ | 0049 | 0.3 | 9 |
| | 0620 | 5.6 | 171 |
| | 1257 | 0.3 | 9 |
| | 1844 | 6.3 | 192 |
| **20** Th | 0143 | 0.2 | 6 |
| | 0721 | 5.7 | 174 |
| | 1357 | 0.3 | 9 |
| | 1945 | 6.1 | 186 |
| **21** F | 0238 | 0.1 | 3 |
| | 0821 | 5.9 | 180 |
| | 1456 | 0.3 | 9 |
| | 2044 | 6.1 | 186 |
| **22** Sa | 0331 | 0.0 | 0 |
| | 0917 | 6.1 | 186 |
| | 1555 | 0.2 | 6 |
| | 2140 | 6.0 | 183 |
| **23** Su | 0422 | −0.1 | −3 |
| | 1010 | 6.3 | 192 |
| | 1651 | 0.1 | 3 |
| | 2232 | 6.0 | 183 |
| **24** M | 0511 | −0.1 | −3 |
| | 1059 | 6.5 | 198 |
| | 1744 | 0.0 | 0 |
| | 2321 | 5.9 | 180 |
| **25** Tu | 0558 | 0.0 | 0 |
| | 1144 | 6.6 | 201 |
| | 1834 | 0.0 | 0 |
| **26** W | 0007 | 5.9 | 180 |
| | 0642 | 0.1 | 3 |
| | 1227 | 6.6 | 201 |
| | 1921 | 0.0 | 0 |
| **27** Th ● | 0052 | 5.7 | 174 |
| | 0725 | 0.2 | 6 |
| | 1309 | 6.6 | 201 |
| | 2005 | 0.1 | 3 |
| **28** F | 0135 | 5.6 | 171 |
| | 0805 | 0.3 | 9 |
| | 1349 | 6.5 | 198 |
| | 2048 | 0.2 | 6 |
| **29** Sa | 0217 | 5.5 | 168 |
| | 0844 | 0.3 | 9 |
| | 1428 | 6.4 | 195 |
| | 2129 | 0.3 | 9 |
| **30** Su | 0258 | 5.3 | 162 |
| | 0922 | 0.3 | 9 |
| | 1507 | 6.3 | 192 |
| | 2210 | 0.3 | 9 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0339 | 5.2 | 158 |
| | 1001 | 0.3 | 9 |
| | 1546 | 6.2 | 189 |
| | 2250 | 0.3 | 9 |
| **2** Tu | 0421 | 5.2 | 158 |
| | 1041 | 0.2 | 6 |
| | 1627 | 6.2 | 189 |
| | 2331 | 0.3 | 9 |
| **3** W | 0504 | 5.1 | 155 |
| | 1124 | 0.2 | 6 |
| | 1711 | 6.1 | 186 |
| **4** Th | 0013 | 0.2 | 6 |
| | 0550 | 5.2 | 158 |
| | 1211 | 0.2 | 6 |
| | 1759 | 6.0 | 183 |
| **5** F ◐ | 0057 | 0.2 | 6 |
| | 0638 | 5.3 | 162 |
| | 1305 | 0.2 | 6 |
| | 1852 | 5.9 | 180 |
| **6** Sa | 0145 | 0.1 | 3 |
| | 0730 | 5.5 | 168 |
| | 1405 | 0.3 | 9 |
| | 1948 | 5.7 | 174 |
| **7** Su | 0236 | 0.1 | 3 |
| | 0823 | 5.7 | 174 |
| | 1508 | 0.3 | 9 |
| | 2046 | 5.7 | 174 |
| **8** M | 0330 | 0.0 | 0 |
| | 0916 | 6.0 | 183 |
| | 1611 | 0.2 | 6 |
| | 2142 | 5.6 | 171 |
| **9** Tu | 0425 | 0.0 | 0 |
| | 1009 | 6.3 | 192 |
| | 1712 | 0.1 | 3 |
| | 2238 | 5.6 | 171 |
| **10** W | 0520 | 0.0 | 0 |
| | 1101 | 6.5 | 198 |
| | 1811 | 0.0 | 0 |
| | 2332 | 5.5 | 168 |
| **11** Th | 0615 | −0.1 | −3 |
| | 1153 | 6.7 | 204 |
| | 1908 | −0.1 | −3 |
| **12** F ○ | 0025 | 5.5 | 168 |
| | 0709 | −0.2 | −6 |
| | 1245 | 6.8 | 207 |
| | 2003 | −0.1 | −3 |
| **13** Sa | 0118 | 5.5 | 168 |
| | 0803 | −0.2 | −6 |
| | 1338 | 6.8 | 207 |
| | 2057 | −0.2 | −6 |
| **14** Su | 0211 | 5.4 | 165 |
| | 0857 | −0.3 | −9 |
| | 1432 | 6.7 | 204 |
| | 2149 | −0.2 | −6 |
| **15** M | 0306 | 5.4 | 165 |
| | 0951 | −0.3 | −9 |
| | 1528 | 6.5 | 198 |
| | 2240 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0402 | 5.4 | 165 |
| | 1045 | −0.3 | −9 |
| | 1624 | 6.3 | 192 |
| | 2331 | −0.3 | −9 |
| **17** W | 0459 | 5.4 | 165 |
| | 1140 | −0.3 | −9 |
| | 1722 | 6.0 | 183 |
| **18** Th | 0022 | −0.4 | −12 |
| | 0557 | 5.4 | 165 |
| | 1236 | −0.2 | −6 |
| | 1819 | 5.8 | 177 |
| **19** F ◑ | 0113 | −0.4 | −12 |
| | 0655 | 5.5 | 168 |
| | 1333 | −0.2 | −6 |
| | 1917 | 5.6 | 171 |
| **20** Sa | 0204 | −0.4 | −12 |
| | 0751 | 5.6 | 171 |
| | 1430 | −0.1 | −3 |
| | 2014 | 5.4 | 165 |
| **21** Su | 0255 | −0.4 | −12 |
| | 0846 | 5.8 | 177 |
| | 1528 | −0.2 | −6 |
| | 2109 | 5.3 | 162 |
| **22** M | 0346 | −0.4 | −12 |
| | 0939 | 5.9 | 180 |
| | 1624 | −0.2 | −6 |
| | 2203 | 5.3 | 162 |
| **23** Tu | 0436 | −0.3 | −9 |
| | 1029 | 6.0 | 183 |
| | 1717 | −0.3 | −9 |
| | 2254 | 5.2 | 158 |
| **24** W | 0525 | −0.3 | −9 |
| | 1117 | 6.1 | 186 |
| | 1808 | −0.3 | −9 |
| | 2342 | 5.2 | 158 |
| **25** Th | 0611 | −0.3 | −9 |
| | 1202 | 6.1 | 186 |
| | 1855 | −0.3 | −9 |
| **26** F | 0028 | 5.2 | 158 |
| | 0655 | −0.2 | −6 |
| | 1245 | 6.1 | 186 |
| | 1940 | −0.3 | −9 |
| **27** Sa ● | 0111 | 5.1 | 155 |
| | 0738 | −0.2 | −6 |
| | 1326 | 6.1 | 186 |
| | 2023 | −0.2 | −6 |
| **28** Su | 0153 | 5.0 | 152 |
| | 0819 | −0.2 | −6 |
| | 1405 | 6.0 | 183 |
| | 2104 | −0.2 | −6 |
| **29** M | 0233 | 5.0 | 152 |
| | 0858 | −0.2 | −6 |
| | 1444 | 5.9 | 180 |
| | 2143 | −0.2 | −6 |
| **30** Tu | 0312 | 4.9 | 149 |
| | 0938 | −0.2 | −6 |
| | 1521 | 5.9 | 180 |
| | 2221 | −0.2 | −6 |
| **31** W | 0351 | 4.9 | 149 |
| | 1018 | −0.3 | −9 |
| | 1559 | 5.8 | 177 |
| | 2259 | −0.2 | −6 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Ocean City, Maryland, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm | h m | ft | cm | h m | ft | cm |
| **1** Tu | 0140 | 2.9 | 88 | **16** W | 0103 | 3.5 | 107 | **1** F | 0246 | 3.0 | 91 | **16** Sa | 0302 | 3.6 | 110 |
| | 0802 | 0.6 | 18 | | 0731 | 0.2 | 6 | | 0914 | 0.7 | 21 | | 0937 | 0.2 | 6 |
| | 1352 | 2.5 | 76 | | 1321 | 2.8 | 85 | | 1457 | 2.2 | 67 | | 1520 | 2.4 | 73 |
| | 2007 | 0.3 | 9 | | 1938 | −0.2 | −6 | | 2100 | 0.4 | 12 | | 2127 | −0.2 | −6 |
| **2** W | 0237 | 3.0 | 91 | **17** Th | 0208 | 3.6 | 110 | **2** Sa | 0344 | 3.1 | 94 | **17** Su | 0409 | 3.7 | 113 |
| | 0901 | 0.6 | 18 | | 0838 | 0.2 | 6 | | 1013 | 0.7 | 21 | | 1044 | 0.1 | 3 |
| | 1447 | 2.4 | 73 | | 1426 | 2.6 | 79 | | 1553 | 2.3 | 70 | | 1624 | 2.6 | 79 |
| | 2053 | 0.3 | 9 | | 2037 | −0.3 | −9 | | 2155 | 0.2 | 6 | | 2232 | −0.4 | −12 |
| **3** Th | 0330 | 3.2 | 98 | **18** F | 0314 | 3.8 | 116 | **3** Su | 0436 | 3.3 | 101 | **18** M | 0509 | 3.8 | 116 |
| | 0959 | 0.6 | 18 | | 0947 | 0.1 | 3 | | 1106 | 0.6 | 18 | | 1141 | −0.1 | −3 |
| | 1539 | 2.4 | 73 | | 1531 | 2.6 | 79 | | 1643 | 2.4 | 73 | | 1722 | 2.8 | 85 |
| | 2142 | 0.3 | 9 | | 2139 | −0.4 | −12 | | 2248 | 0.1 | 3 | | 2332 | −0.5 | −15 |
| **4** F | 0419 | 3.3 | 101 | **19** Sa | 0418 | 4.0 | 122 | **4** M | 0523 | 3.5 | 107 | **19** Tu | 0601 | 3.9 | 119 |
| | 1052 | 0.5 | 15 | | 1053 | 0.0 | 0 | | 1151 | 0.4 | 12 | | 1229 | −0.2 | −6 |
| | 1628 | 2.4 | 73 | | 1633 | 2.6 | 79 | | 1731 | 2.6 | 79 | | 1813 | 3.0 | 91 |
| | 2230 | 0.2 | 6 | | 2241 | −0.5 | −15 | | 2336 | −0.1 | −3 | | | | |
| **5** Sa | 0505 | 3.5 | 107 | **20** Su | 0517 | 4.1 | 125 | **5** Tu | 0607 | 3.8 | 116 | **20** W ○ | 0025 | −0.7 | −21 |
| | 1139 | 0.4 | 12 | | 1153 | −0.2 | −6 | | 1232 | 0.2 | 6 | | 0648 | 3.9 | 119 |
| | 1714 | 2.5 | 76 | | 1731 | 2.7 | 82 | | 1816 | 2.8 | 85 | | 1311 | −0.3 | −9 |
| | 2317 | 0.1 | 3 | | 2340 | −0.7 | −21 | | | | | | 1901 | 3.2 | 98 |
| **6** Su | 0550 | 3.7 | 113 | **21** M | 0612 | 4.2 | 128 | **6** W ● | 0022 | −0.3 | −9 | **21** Th | 0113 | −0.7 | −21 |
| | 1221 | 0.3 | 9 | | 1246 | −0.4 | −12 | | 0650 | 3.9 | 119 | | 0732 | 3.9 | 119 |
| | 1758 | 2.6 | 79 | | 1826 | 2.9 | 88 | | 1311 | 0.0 | 0 | | 1350 | −0.4 | −12 |
| | | | | | | | | | 1900 | 3.0 | 91 | | 1945 | 3.3 | 101 |
| **7** M | 0001 | −0.1 | −3 | **22** Tu ○ | 0034 | −0.8 | −24 | **7** Th | 0106 | −0.5 | −15 | **22** F | 0157 | −0.7 | −21 |
| | 0633 | 3.8 | 116 | | 0704 | 4.2 | 128 | | 0731 | 4.0 | 122 | | 0812 | 3.7 | 113 |
| | 1300 | 0.2 | 6 | | 1333 | −0.5 | −15 | | 1349 | −0.2 | −6 | | 1426 | −0.4 | −12 |
| | 1842 | 2.7 | 82 | | 1918 | 3.0 | 91 | | 1944 | 3.3 | 101 | | 2027 | 3.4 | 104 |
| **8** Tu ● | 0044 | −0.2 | −6 | **23** W | 0125 | −0.9 | −27 | **8** F | 0150 | −0.5 | −15 | **23** Sa | 0240 | −0.5 | −15 |
| | 0715 | 3.9 | 119 | | 0753 | 4.2 | 128 | | 0812 | 4.0 | 122 | | 0851 | 3.5 | 107 |
| | 1339 | 0.1 | 3 | | 1418 | −0.5 | −15 | | 1428 | −0.3 | −9 | | 1502 | −0.3 | −9 |
| | 1925 | 2.8 | 85 | | 2007 | 3.1 | 94 | | 2028 | 3.4 | 104 | | 2108 | 3.5 | 107 |
| **9** W | 0126 | −0.3 | −9 | **24** Th | 0214 | −0.8 | −24 | **9** Sa | 0236 | −0.6 | −18 | **24** Su | 0323 | −0.3 | −9 |
| | 0756 | 4.0 | 122 | | 0838 | 4.0 | 122 | | 0853 | 3.9 | 119 | | 0930 | 3.3 | 101 |
| | 1418 | 0.0 | 0 | | 1500 | −0.5 | −15 | | 1507 | −0.4 | −12 | | 1539 | −0.1 | −3 |
| | 2008 | 2.9 | 88 | | 2054 | 3.2 | 98 | | 2112 | 3.6 | 110 | | 2148 | 3.4 | 104 |
| **10** Th | 0208 | −0.3 | −9 | **25** F | 0302 | −0.6 | −18 | **10** Su | 0324 | −0.5 | −15 | **25** M | 0407 | −0.1 | −3 |
| | 0837 | 4.0 | 122 | | 0921 | 3.8 | 116 | | 0935 | 3.7 | 113 | | 1008 | 3.0 | 91 |
| | 1457 | 0.0 | 0 | | 1541 | −0.4 | −12 | | 1549 | −0.4 | −12 | | 1616 | 0.0 | 0 |
| | 2051 | 3.0 | 91 | | 2139 | 3.2 | 98 | | 2158 | 3.7 | 113 | | 2229 | 3.3 | 101 |
| **11** F | 0252 | −0.3 | −9 | **26** Sa | 0349 | −0.4 | −12 | **11** M | 0415 | −0.3 | −9 | **26** Tu | 0452 | 0.2 | 6 |
| | 0917 | 4.0 | 122 | | 1002 | 3.5 | 107 | | 1019 | 3.5 | 107 | | 1047 | 2.8 | 85 |
| | 1538 | −0.1 | −3 | | 1622 | −0.2 | −6 | | 1634 | −0.3 | −9 | | 1656 | 0.2 | 6 |
| | 2134 | 3.1 | 94 | | 2223 | 3.1 | 94 | | 2247 | 3.7 | 113 | | 2313 | 3.2 | 98 |
| **12** Sa | 0338 | −0.2 | −6 | **27** Su | 0438 | −0.1 | −3 | **12** Tu | 0511 | −0.2 | −6 | **27** W | 0540 | 0.4 | 12 |
| | 0958 | 3.8 | 116 | | 1043 | 3.2 | 98 | | 1107 | 3.2 | 98 | | 1130 | 2.5 | 76 |
| | 1620 | −0.1 | −3 | | 1702 | −0.1 | −3 | | 1723 | −0.3 | −9 | | 1740 | 0.4 | 12 |
| | 2220 | 3.2 | 98 | | 2308 | 3.1 | 94 | | 2341 | 3.7 | 113 | | | | |
| **13** Su | 0430 | −0.1 | −3 | **28** M | 0528 | 0.1 | 3 | **13** W ◐ | 0612 | 0.0 | 0 | **28** Th ◑ | 0002 | 3.1 | 94 |
| | 1041 | 3.6 | 110 | | 1125 | 2.8 | 85 | | 1200 | 2.8 | 85 | | 0632 | 0.7 | 21 |
| | 1705 | −0.1 | −3 | | 1744 | 0.1 | 3 | | 1817 | −0.2 | −6 | | 1217 | 2.4 | 73 |
| | 2309 | 3.3 | 101 | | 2356 | 3.0 | 91 | | | | | | 1829 | 0.5 | 15 |
| **14** M | 0526 | 0.0 | 0 | **29** Tu | 0620 | 0.4 | 12 | **14** Th | 0042 | 3.6 | 110 | **29** F | 0058 | 3.0 | 91 |
| | 1128 | 3.3 | 101 | | 1210 | 2.5 | 76 | | 0717 | 0.2 | 6 | | 0729 | 0.8 | 24 |
| | 1752 | −0.1 | −3 | | 1828 | 0.2 | 6 | | 1301 | 2.6 | 79 | | 1313 | 2.2 | 67 |
| | | | | | | | | | 1917 | −0.1 | −3 | | 1923 | 0.5 | 15 |
| **15** Tu ◐ | 0003 | 3.4 | 104 | **30** W ◑ | 0048 | 2.9 | 88 | **15** F | 0150 | 3.6 | 110 | | | | |
| | 0626 | 0.1 | 3 | | 0715 | 0.6 | 18 | | 0826 | 0.3 | 9 | | | | |
| | 1221 | 3.0 | 91 | | 1301 | 2.3 | 70 | | 1409 | 2.4 | 73 | | | | |
| | 1843 | −0.1 | −3 | | 1915 | 0.3 | 9 | | 2021 | −0.1 | −3 | | | | |
| | | | | **31** Th | 0145 | 2.9 | 88 | | | | | | | | |
| | | | | | 0813 | 0.7 | 21 | | | | | | | | |
| | | | | | 1358 | 2.2 | 67 | | | | | | | | |
| | | | | | 2006 | 0.4 | 12 | | | | | | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| **1** Sa | 0201 | 3.0 | 91 | **16** Su | 0251 | 3.6 | 110 |
| | 0828 | 0.9 | 27 | | 0925 | 0.3 | 9 |
| | 1416 | 2.2 | 67 | | 1514 | 2.6 | 79 |
| | 2021 | 0.5 | 15 | | 2120 | 0.0 | 0 |
| **2** Su | 0304 | 3.1 | 94 | **17** M | 0359 | 3.6 | 110 |
| | 0929 | 0.8 | 24 | | 1028 | 0.2 | 6 |
| | 1517 | 2.4 | 73 | | 1617 | 2.8 | 85 |
| | 2120 | 0.4 | 12 | | 2225 | −0.1 | −3 |
| **3** M | 0400 | 3.3 | 101 | **18** Tu | 0456 | 3.6 | 110 |
| | 1024 | 0.7 | 21 | | 1120 | 0.1 | 3 |
| | 1611 | 2.6 | 79 | | 1711 | 3.0 | 91 |
| | 2216 | 0.2 | 6 | | 2323 | −0.3 | −9 |
| **4** Tu | 0450 | 3.6 | 110 | **19** W | 0543 | 3.6 | 110 |
| | 1112 | 0.4 | 12 | | 1203 | −0.1 | −3 |
| | 1701 | 2.9 | 88 | | 1757 | 3.3 | 101 |
| | 2309 | 0.0 | 0 | | | | |
| **5** W | 0535 | 3.8 | 116 | **20** Th | 0013 | −0.4 | −12 |
| | 1155 | 0.2 | 6 | | 0626 | 3.6 | 110 |
| | 1747 | 3.2 | 98 | | 1241 | −0.2 | −6 |
| | 2358 | −0.3 | −9 | | 1839 | 3.5 | 107 |
| **6** Th | 0619 | 3.9 | 119 | **21** F ○ | 0058 | −0.4 | −12 |
| | 1235 | −0.1 | −3 | | 0705 | 3.5 | 107 |
| | 1833 | 3.5 | 107 | | 1316 | −0.2 | −6 |
| | | | | | 1919 | 3.7 | 113 |
| **7** F ● | 0046 | −0.5 | −15 | **22** Sa | 0139 | −0.4 | −12 |
| | 0702 | 4.0 | 122 | | 0743 | 3.4 | 104 |
| | 1315 | −0.3 | −9 | | 1350 | −0.2 | −6 |
| | 1918 | 3.8 | 116 | | 1958 | 3.7 | 113 |
| **8** Sa | 0132 | −0.6 | −18 | **23** Su | 0218 | −0.3 | −9 |
| | 0745 | 4.0 | 122 | | 0821 | 3.3 | 101 |
| | 1355 | −0.4 | −12 | | 1424 | −0.1 | −3 |
| | 2003 | 4.1 | 125 | | 2037 | 3.8 | 116 |
| **9** Su | 0220 | −0.7 | −21 | **24** M | 0258 | −0.1 | −3 |
| | 0829 | 3.9 | 119 | | 0858 | 3.1 | 94 |
| | 1437 | −0.5 | −15 | | 1459 | 0.0 | 0 |
| | 2049 | 4.2 | 128 | | 2116 | 3.7 | 113 |
| **10** M | 0309 | −0.6 | −18 | **25** Tu | 0338 | 0.1 | 3 |
| | 0914 | 3.7 | 113 | | 0936 | 3.0 | 91 |
| | 1520 | −0.5 | −15 | | 1535 | 0.2 | 6 |
| | 2137 | 4.3 | 131 | | 2156 | 3.6 | 110 |
| **11** Tu | 0402 | −0.4 | −12 | **26** W | 0421 | 0.3 | 9 |
| | 1000 | 3.4 | 104 | | 1015 | 2.8 | 85 |
| | 1608 | −0.4 | −12 | | 1615 | 0.4 | 12 |
| | 2228 | 4.2 | 128 | | 2238 | 3.5 | 107 |
| **12** W | 0459 | −0.2 | −6 | **27** Th | 0507 | 0.5 | 15 |
| | 1050 | 3.1 | 94 | | 1056 | 2.6 | 79 |
| | 1700 | −0.2 | −6 | | 1659 | 0.5 | 15 |
| | 2323 | 4.0 | 122 | | 2325 | 3.3 | 101 |
| **13** Th | 0600 | 0.1 | 3 | **28** F | 0557 | 0.7 | 21 |
| | 1145 | 2.8 | 85 | | 1142 | 2.5 | 76 |
| | 1759 | −0.1 | −3 | | 1750 | 0.7 | 21 |
| **14** F ◐ | 0026 | 3.8 | 116 | **29** Sa ◑ | 0018 | 3.2 | 98 |
| | 0706 | 0.2 | 6 | | 0651 | 0.9 | 27 |
| | 1248 | 2.6 | 79 | | 1236 | 2.4 | 73 |
| | 1902 | 0.0 | 0 | | 1845 | 0.7 | 21 |
| **15** Sa | 0136 | 3.6 | 110 | **30** Su | 0118 | 3.2 | 98 |
| | 0815 | 0.3 | 9 | | 0748 | 0.9 | 27 |
| | 1400 | 2.5 | 76 | | 1338 | 2.4 | 73 |
| | 2010 | 0.1 | 3 | | 1945 | 0.7 | 21 |
| | | | | **31** M | 0220 | 3.2 | 98 |
| | | | | | 0844 | 0.9 | 27 |
| | | | | | 1441 | 2.6 | 79 |
| | | | | | 2045 | 0.5 | 15 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Ocean City, Maryland, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0318 | 3.4 | 104 |
| | 0938 | 0.7 | 21 |
| | 1538 | 2.9 | 88 |
| | 2144 | 0.3 | 9 |
| **2** W | 0410 | 3.6 | 110 |
| | 1027 | 0.4 | 12 |
| | 1629 | 3.3 | 101 |
| | 2240 | 0.1 | 3 |
| **3** Th | 0458 | 3.7 | 113 |
| | 1113 | 0.1 | 3 |
| | 1717 | 3.7 | 113 |
| | 2334 | −0.2 | −6 |
| **4** F | 0545 | 3.9 | 119 |
| | 1157 | −0.1 | −3 |
| | 1804 | 4.1 | 125 |
| **5** Sa ● | 0025 | −0.4 | −12 |
| | 0631 | 3.9 | 119 |
| | 1240 | −0.3 | −9 |
| | 1851 | 4.4 | 134 |
| **6** Su | 0114 | −0.6 | −18 |
| | 0717 | 3.8 | 116 |
| | 1324 | −0.5 | −15 |
| | 1939 | 4.6 | 140 |
| **7** M | 0204 | −0.6 | −18 |
| | 0805 | 3.7 | 113 |
| | 1408 | −0.5 | −15 |
| | 2028 | 4.7 | 143 |
| **8** Tu | 0256 | −0.6 | −18 |
| | 0853 | 3.5 | 107 |
| | 1456 | −0.5 | −15 |
| | 2119 | 4.7 | 143 |
| **9** W | 0350 | −0.4 | −12 |
| | 0943 | 3.3 | 101 |
| | 1547 | −0.3 | −9 |
| | 2213 | 4.5 | 137 |
| **10** Th | 0447 | −0.1 | −3 |
| | 1036 | 3.1 | 94 |
| | 1643 | −0.2 | −6 |
| | 2309 | 4.2 | 128 |
| **11** F | 0549 | 0.1 | 3 |
| | 1134 | 2.9 | 88 |
| | 1745 | 0.0 | 0 |
| **12** Sa ◐ | 0012 | 3.9 | 119 |
| | 0654 | 0.3 | 9 |
| | 1239 | 2.7 | 82 |
| | 1851 | 0.2 | 6 |
| **13** Su | 0121 | 3.7 | 113 |
| | 0800 | 0.4 | 12 |
| | 1352 | 2.7 | 82 |
| | 2000 | 0.2 | 6 |
| **14** M | 0233 | 3.5 | 107 |
| | 0903 | 0.4 | 12 |
| | 1504 | 2.9 | 88 |
| | 2109 | 0.2 | 6 |
| **15** Tu | 0338 | 3.4 | 104 |
| | 0959 | 0.3 | 9 |
| | 1604 | 3.1 | 94 |
| | 2213 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0431 | 3.4 | 104 |
| | 1047 | 0.2 | 6 |
| | 1652 | 3.3 | 101 |
| | 2310 | 0.1 | 3 |
| **17** Th | 0516 | 3.3 | 101 |
| | 1128 | 0.1 | 3 |
| | 1734 | 3.6 | 110 |
| | 2358 | 0.0 | 0 |
| **18** F | 0556 | 3.3 | 101 |
| | 1205 | 0.1 | 3 |
| | 1813 | 3.7 | 113 |
| **19** Sa | 0040 | −0.1 | −3 |
| | 0634 | 3.2 | 98 |
| | 1239 | 0.0 | 0 |
| | 1851 | 3.9 | 119 |
| **20** Su ○ | 0119 | −0.1 | −3 |
| | 0712 | 3.2 | 98 |
| | 1314 | 0.1 | 3 |
| | 1929 | 4.0 | 122 |
| **21** M | 0157 | 0.0 | 0 |
| | 0750 | 3.1 | 94 |
| | 1348 | 0.1 | 3 |
| | 2008 | 4.0 | 122 |
| **22** Tu | 0234 | 0.1 | 3 |
| | 0829 | 3.0 | 91 |
| | 1424 | 0.2 | 6 |
| | 2047 | 3.9 | 119 |
| **23** W | 0313 | 0.2 | 6 |
| | 0908 | 2.9 | 88 |
| | 1502 | 0.3 | 9 |
| | 2128 | 3.8 | 116 |
| **24** Th | 0355 | 0.4 | 12 |
| | 0948 | 2.8 | 85 |
| | 1542 | 0.5 | 15 |
| | 2210 | 3.7 | 113 |
| **25** F | 0439 | 0.6 | 18 |
| | 1029 | 2.7 | 82 |
| | 1627 | 0.6 | 18 |
| | 2255 | 3.6 | 110 |
| **26** Sa | 0528 | 0.8 | 24 |
| | 1115 | 2.6 | 79 |
| | 1717 | 0.7 | 21 |
| | 2344 | 3.5 | 107 |
| **27** Su | 0618 | 0.8 | 24 |
| | 1206 | 2.6 | 79 |
| | 1813 | 0.8 | 24 |
| **28** M ◑ | 0038 | 3.4 | 104 |
| | 0710 | 0.8 | 24 |
| | 1304 | 2.7 | 82 |
| | 1911 | 0.7 | 21 |
| **29** Tu | 0136 | 3.4 | 104 |
| | 0802 | 0.7 | 21 |
| | 1405 | 2.9 | 88 |
| | 2012 | 0.6 | 18 |
| **30** W | 0233 | 3.4 | 104 |
| | 0852 | 0.5 | 15 |
| | 1503 | 3.3 | 101 |
| | 2113 | 0.4 | 12 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0328 | 3.5 | 107 |
| | 0942 | 0.3 | 9 |
| | 1556 | 3.7 | 113 |
| | 2212 | 0.2 | 6 |
| **2** F | 0420 | 3.6 | 110 |
| | 1031 | 0.1 | 3 |
| | 1647 | 4.1 | 125 |
| | 2310 | −0.1 | −3 |
| **3** Sa | 0511 | 3.6 | 110 |
| | 1119 | −0.2 | −6 |
| | 1736 | 4.5 | 137 |
| **4** Su | 0005 | −0.3 | −9 |
| | 0601 | 3.6 | 110 |
| | 1207 | −0.4 | −12 |
| | 1827 | 4.8 | 146 |
| **5** M ● | 0057 | −0.5 | −15 |
| | 0651 | 3.6 | 110 |
| | 1255 | −0.5 | −15 |
| | 1918 | 4.9 | 149 |
| **6** Tu | 0150 | −0.6 | −18 |
| | 0743 | 3.5 | 107 |
| | 1345 | −0.6 | −18 |
| | 2011 | 5.0 | 152 |
| **7** W | 0243 | −0.5 | −15 |
| | 0835 | 3.4 | 104 |
| | 1436 | −0.5 | −15 |
| | 2104 | 4.8 | 146 |
| **8** Th | 0337 | −0.3 | −9 |
| | 0928 | 3.2 | 98 |
| | 1530 | −0.4 | −12 |
| | 2159 | 4.6 | 140 |
| **9** F | 0435 | −0.1 | −3 |
| | 1023 | 3.1 | 94 |
| | 1628 | −0.2 | −6 |
| | 2256 | 4.3 | 131 |
| **10** Sa | 0535 | 0.0 | 0 |
| | 1122 | 3.0 | 91 |
| | 1731 | 0.0 | 0 |
| | 2355 | 3.9 | 119 |
| **11** Su ◐ | 0635 | 0.2 | 6 |
| | 1226 | 2.9 | 88 |
| | 1837 | 0.2 | 6 |
| **12** M | 0058 | 3.6 | 110 |
| | 0733 | 0.3 | 9 |
| | 1334 | 3.0 | 91 |
| | 1944 | 0.3 | 9 |
| **13** Tu | 0202 | 3.4 | 104 |
| | 0828 | 0.3 | 9 |
| | 1441 | 3.1 | 94 |
| | 2050 | 0.4 | 12 |
| **14** W | 0303 | 3.2 | 98 |
| | 0919 | 0.3 | 9 |
| | 1538 | 3.3 | 101 |
| | 2153 | 0.4 | 12 |
| **15** Th | 0355 | 3.1 | 94 |
| | 1004 | 0.3 | 9 |
| | 1625 | 3.5 | 107 |
| | 2250 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0440 | 3.0 | 91 |
| | 1046 | 0.3 | 9 |
| | 1706 | 3.7 | 113 |
| | 2338 | 0.3 | 9 |
| **17** Sa | 0522 | 2.9 | 88 |
| | 1125 | 0.2 | 6 |
| | 1745 | 3.8 | 116 |
| **18** Su | 0020 | 0.2 | 6 |
| | 0602 | 2.9 | 88 |
| | 1203 | 0.2 | 6 |
| | 1823 | 4.0 | 122 |
| **19** M ○ | 0058 | 0.2 | 6 |
| | 0641 | 2.9 | 88 |
| | 1240 | 0.2 | 6 |
| | 1903 | 4.0 | 122 |
| **20** Tu | 0135 | 0.2 | 6 |
| | 0722 | 2.9 | 88 |
| | 1318 | 0.2 | 6 |
| | 1943 | 4.0 | 122 |
| **21** W | 0213 | 0.3 | 9 |
| | 0802 | 2.9 | 88 |
| | 1356 | 0.3 | 9 |
| | 2024 | 4.0 | 122 |
| **22** Th | 0252 | 0.4 | 12 |
| | 0843 | 2.9 | 88 |
| | 1436 | 0.3 | 9 |
| | 2106 | 4.0 | 122 |
| **23** F | 0333 | 0.5 | 15 |
| | 0924 | 2.8 | 85 |
| | 1517 | 0.4 | 12 |
| | 2147 | 3.9 | 119 |
| **24** Sa | 0415 | 0.6 | 18 |
| | 1006 | 2.8 | 85 |
| | 1601 | 0.5 | 15 |
| | 2229 | 3.8 | 116 |
| **25** Su | 0500 | 0.6 | 18 |
| | 1051 | 2.8 | 85 |
| | 1650 | 0.6 | 18 |
| | 2314 | 3.7 | 113 |
| **26** M | 0546 | 0.6 | 18 |
| | 1139 | 2.9 | 88 |
| | 1744 | 0.7 | 21 |
| **27** Tu ◑ | 0002 | 3.6 | 110 |
| | 0633 | 0.6 | 18 |
| | 1233 | 3.0 | 91 |
| | 1842 | 0.7 | 21 |
| **28** W | 0054 | 3.5 | 107 |
| | 0721 | 0.5 | 15 |
| | 1330 | 3.2 | 98 |
| | 1943 | 0.6 | 18 |
| **29** Th | 0151 | 3.4 | 104 |
| | 0810 | 0.3 | 9 |
| | 1428 | 3.6 | 110 |
| | 2045 | 0.4 | 12 |
| **30** F | 0248 | 3.3 | 101 |
| | 0901 | 0.2 | 6 |
| | 1525 | 4.0 | 122 |
| | 2147 | 0.2 | 6 |
| **31** Sa | 0345 | 3.3 | 101 |
| | 0953 | 0.0 | 0 |
| | 1619 | 4.3 | 131 |
| | 2248 | 0.0 | 0 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0440 | 3.3 | 101 |
| | 1046 | −0.3 | −9 |
| | 1713 | 4.7 | 143 |
| | 2347 | −0.2 | −6 |
| **2** M | 0534 | 3.3 | 101 |
| | 1140 | −0.4 | −12 |
| | 1807 | 4.9 | 149 |
| **3** Tu ● | 0042 | −0.4 | −12 |
| | 0629 | 3.3 | 101 |
| | 1233 | −0.6 | −18 |
| | 1901 | 5.0 | 152 |
| **4** W | 0136 | −0.4 | −12 |
| | 0723 | 3.3 | 101 |
| | 1326 | −0.6 | −18 |
| | 1956 | 5.0 | 152 |
| **5** Th | 0229 | −0.4 | −12 |
| | 0818 | 3.3 | 101 |
| | 1420 | −0.6 | −18 |
| | 2050 | 4.8 | 146 |
| **6** F | 0323 | −0.3 | −9 |
| | 0913 | 3.3 | 101 |
| | 1515 | −0.4 | −12 |
| | 2144 | 4.6 | 140 |
| **7** Sa | 0417 | −0.2 | −6 |
| | 1008 | 3.2 | 98 |
| | 1613 | −0.2 | −6 |
| | 2237 | 4.2 | 128 |
| **8** Su | 0512 | −0.1 | −3 |
| | 1104 | 3.2 | 98 |
| | 1713 | 0.0 | 0 |
| | 2330 | 3.9 | 119 |
| **9** M | 0605 | 0.1 | 3 |
| | 1203 | 3.1 | 94 |
| | 1816 | 0.2 | 6 |
| **10** Tu ◐ | 0025 | 3.5 | 107 |
| | 0657 | 0.2 | 6 |
| | 1304 | 3.2 | 98 |
| | 1919 | 0.4 | 12 |
| **11** W | 0121 | 3.2 | 98 |
| | 0746 | 0.3 | 9 |
| | 1405 | 3.2 | 98 |
| | 2022 | 0.5 | 15 |
| **12** Th | 0218 | 2.9 | 88 |
| | 0832 | 0.3 | 9 |
| | 1501 | 3.4 | 104 |
| | 2124 | 0.6 | 18 |
| **13** F | 0312 | 2.8 | 85 |
| | 0918 | 0.4 | 12 |
| | 1550 | 3.5 | 107 |
| | 2222 | 0.6 | 18 |
| **14** Sa | 0401 | 2.7 | 82 |
| | 1003 | 0.4 | 12 |
| | 1634 | 3.7 | 113 |
| | 2313 | 0.5 | 15 |
| **15** Su | 0447 | 2.7 | 82 |
| | 1047 | 0.4 | 12 |
| | 1717 | 3.8 | 116 |
| | 2357 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0530 | 2.7 | 82 |
| | 1130 | 0.3 | 9 |
| | 1758 | 3.9 | 119 |
| **17** Tu | 0036 | 0.4 | 12 |
| | 0612 | 2.7 | 82 |
| | 1212 | 0.3 | 9 |
| | 1840 | 4.0 | 122 |
| **18** W ○ | 0114 | 0.4 | 12 |
| | 0655 | 2.8 | 85 |
| | 1253 | 0.2 | 6 |
| | 1922 | 4.0 | 122 |
| **19** Th | 0152 | 0.4 | 12 |
| | 0737 | 2.9 | 88 |
| | 1333 | 0.2 | 6 |
| | 2003 | 4.1 | 125 |
| **20** F | 0230 | 0.4 | 12 |
| | 0819 | 2.9 | 88 |
| | 1414 | 0.2 | 6 |
| | 2044 | 4.1 | 125 |
| **21** Sa | 0309 | 0.4 | 12 |
| | 0901 | 2.9 | 88 |
| | 1455 | 0.3 | 9 |
| | 2124 | 4.0 | 122 |
| **22** Su | 0349 | 0.4 | 12 |
| | 0943 | 3.0 | 91 |
| | 1539 | 0.4 | 12 |
| | 2204 | 3.9 | 119 |
| **23** M | 0430 | 0.4 | 12 |
| | 1027 | 3.1 | 94 |
| | 1628 | 0.5 | 15 |
| | 2245 | 3.8 | 116 |
| **24** Tu | 0513 | 0.4 | 12 |
| | 1112 | 3.2 | 98 |
| | 1721 | 0.5 | 15 |
| | 2329 | 3.6 | 110 |
| **25** W | 0557 | 0.3 | 9 |
| | 1203 | 3.4 | 104 |
| | 1818 | 0.6 | 18 |
| **26** Th ◑ | 0019 | 3.4 | 104 |
| | 0644 | 0.3 | 9 |
| | 1258 | 3.6 | 110 |
| | 1918 | 0.5 | 15 |
| **27** F | 0114 | 3.2 | 98 |
| | 0733 | 0.2 | 6 |
| | 1358 | 3.8 | 116 |
| | 2021 | 0.5 | 15 |
| **28** Sa | 0214 | 3.1 | 94 |
| | 0826 | 0.1 | 3 |
| | 1458 | 4.1 | 125 |
| | 2126 | 0.3 | 9 |
| **29** Su | 0316 | 3.0 | 91 |
| | 0923 | −0.1 | −3 |
| | 1557 | 4.4 | 134 |
| | 2231 | 0.2 | 6 |
| **30** M | 0415 | 3.0 | 91 |
| | 1021 | −0.2 | −6 |
| | 1655 | 4.6 | 140 |
| | 2332 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Ocean City, Maryland, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0514 | 3.1 94 | 16 W | 0011 | 0.6 18 |
| | 1120 | −0.4 −12 | | 0545 | 2.8 85 |
| | 1752 | 4.8 146 | | 1146 | 0.3 9 |
| | | | | 1817 | 4.0 122 |
| 2 W ● | 0029 | −0.2 −6 | 17 Th | 0049 | 0.5 15 |
| | 0610 | 3.2 98 | | 0629 | 2.9 88 |
| | 1217 | −0.6 −18 | | 1230 | 0.2 6 |
| | 1848 | 4.9 149 | | 1859 | 4.1 125 |
| 3 Th | 0122 | −0.3 −9 | 18 F ○ | 0126 | 0.4 12 |
| | 0707 | 3.3 101 | | 0712 | 3.0 91 |
| | 1312 | −0.6 −18 | | 1311 | 0.2 6 |
| | 1942 | 4.8 146 | | 1940 | 4.2 128 |
| 4 F | 0213 | −0.3 −9 | 19 Sa | 0203 | 0.3 9 |
| | 0802 | 3.3 101 | | 0754 | 3.2 98 |
| | 1406 | −0.6 −18 | | 1353 | 0.1 3 |
| | 2034 | 4.7 143 | | 2019 | 4.2 128 |
| 5 Sa | 0303 | −0.3 −9 | 20 Su | 0240 | 0.3 9 |
| | 0855 | 3.4 104 | | 0836 | 3.3 101 |
| | 1459 | −0.5 −15 | | 1435 | 0.2 6 |
| | 2124 | 4.4 134 | | 2058 | 4.1 125 |
| 6 Su | 0351 | −0.2 −6 | 21 M | 0318 | 0.2 6 |
| | 0947 | 3.4 104 | | 0918 | 3.4 104 |
| | 1554 | −0.2 −6 | | 1520 | 0.2 6 |
| | 2212 | 4.1 125 | | 2137 | 4.0 122 |
| 7 M | 0440 | −0.1 −3 | 22 Tu | 0357 | 0.2 6 |
| | 1039 | 3.4 104 | | 1001 | 3.5 107 |
| | 1650 | 0.0 0 | | 1608 | 0.3 9 |
| | 2300 | 3.7 113 | | 2218 | 3.8 116 |
| 8 Tu | 0527 | 0.0 0 | 23 W | 0438 | 0.2 6 |
| | 1130 | 3.4 104 | | 1046 | 3.7 113 |
| | 1748 | 0.3 9 | | 1700 | 0.4 12 |
| | 2347 | 3.3 101 | | 2301 | 3.6 110 |
| 9 W ◐ | 0613 | 0.2 6 | 24 Th | 0522 | 0.2 6 |
| | 1224 | 3.3 101 | | 1135 | 3.8 116 |
| | 1846 | 0.5 15 | | 1758 | 0.5 15 |
| | | | | 2350 | 3.3 101 |
| 10 Th | 0037 | 3.0 91 | 25 F ◑ | 0611 | 0.2 6 |
| | 0659 | 0.3 9 | | 1231 | 3.9 119 |
| | 1319 | 3.3 101 | | 1859 | 0.6 18 |
| | 1946 | 0.7 21 | | | |
| 11 F | 0130 | 2.7 82 | 26 Sa | 0046 | 3.1 94 |
| | 0745 | 0.4 12 | | 0703 | 0.2 6 |
| | 1416 | 3.4 104 | | 1332 | 4.0 122 |
| | 2046 | 0.8 24 | | 2004 | 0.6 18 |
| 12 Sa | 0226 | 2.6 79 | 27 Su | 0149 | 2.9 88 |
| | 0832 | 0.5 15 | | 0801 | 0.1 3 |
| | 1511 | 3.5 107 | | 1438 | 4.1 125 |
| | 2146 | 0.8 24 | | 2111 | 0.5 15 |
| 13 Su | 0321 | 2.5 76 | 28 M | 0255 | 2.9 88 |
| | 0921 | 0.5 15 | | 0902 | 0.0 0 |
| | 1602 | 3.6 110 | | 1542 | 4.3 131 |
| | 2242 | 0.8 24 | | 2218 | 0.4 12 |
| 14 M | 0412 | 2.5 76 | 29 Tu | 0359 | 2.9 88 |
| | 1011 | 0.5 15 | | 1006 | −0.1 −3 |
| | 1649 | 3.7 113 | | 1643 | 4.5 137 |
| | 2329 | 0.7 21 | | 2320 | 0.2 6 |
| 15 Tu | 0500 | 2.6 79 | 30 W | 0500 | 3.1 94 |
| | 1100 | 0.4 12 | | 1107 | −0.3 −9 |
| | 1734 | 3.9 119 | | 1741 | 4.6 140 |
| | | | 31 Th | 0016 | 0.0 0 |
| | | | | 0557 | 3.2 98 |
| | | | | 1205 | −0.4 −12 |
| | | | | 1835 | 4.7 143 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 F ● | 0106 | −0.2 −6 | 16 Sa ○ | 0054 | 0.4 12 |
| | 0651 | 3.4 104 | | 0644 | 3.4 104 |
| | 1300 | −0.5 −15 | | 1249 | 0.1 3 |
| | 1926 | 4.6 140 | | 1911 | 4.3 131 |
| 2 Sa | 0152 | −0.2 −6 | 17 Su | 0130 | 0.3 9 |
| | 0743 | 3.6 110 | | 0727 | 3.6 110 |
| | 1351 | −0.5 −15 | | 1332 | 0.1 3 |
| | 2013 | 4.5 137 | | 1951 | 4.3 131 |
| 3 Su | 0236 | −0.2 −6 | 18 M | 0206 | 0.2 6 |
| | 0833 | 3.7 113 | | 0809 | 3.8 116 |
| | 1442 | −0.4 −12 | | 1415 | 0.0 0 |
| | 2059 | 4.2 128 | | 2030 | 4.2 128 |
| 4 M | 0318 | −0.2 −6 | 19 Tu | 0244 | 0.1 3 |
| | 0921 | 3.7 113 | | 0851 | 4.0 122 |
| | 1532 | −0.1 −3 | | 1501 | 0.1 3 |
| | 2142 | 3.9 119 | | 2111 | 4.0 122 |
| 5 Tu | 0401 | 0.0 0 | 20 W | 0323 | 0.1 3 |
| | 1007 | 3.7 113 | | 0935 | 4.1 125 |
| | 1622 | 0.1 3 | | 1550 | 0.2 6 |
| | 2225 | 3.6 110 | | 2153 | 3.8 116 |
| 6 W | 0443 | 0.1 3 | 21 Th | 0405 | 0.1 3 |
| | 1053 | 3.7 113 | | 1021 | 4.2 128 |
| | 1715 | 0.4 12 | | 1643 | 0.3 9 |
| | 2308 | 3.2 98 | | 2238 | 3.5 107 |
| 7 Th | 0526 | 0.3 9 | 22 F | 0452 | 0.2 6 |
| | 1141 | 3.6 110 | | 1112 | 4.2 128 |
| | 1809 | 0.7 21 | | 1742 | 0.5 15 |
| | 2354 | 2.9 88 | | 2328 | 3.3 101 |
| 8 F ◐ | 0611 | 0.5 15 | 23 Sa ◑ | 0544 | 0.3 9 |
| | 1232 | 3.5 107 | | 1209 | 4.2 128 |
| | 1905 | 0.9 27 | | 1845 | 0.6 18 |
| 9 Sa | 0045 | 2.7 82 | 24 Su | 0026 | 3.0 91 |
| | 0658 | 0.7 21 | | 0642 | 0.3 9 |
| | 1329 | 3.4 104 | | 1314 | 4.1 125 |
| | 2004 | 1.0 30 | | 1952 | 0.7 21 |
| 10 Su | 0142 | 2.5 76 | 25 M | 0133 | 2.9 88 |
| | 0749 | 0.7 21 | | 0745 | 0.3 9 |
| | 1430 | 3.4 104 | | 1424 | 4.1 125 |
| | 2105 | 1.1 34 | | 2101 | 0.7 21 |
| 11 M | 0242 | 2.5 76 | 26 Tu | 0244 | 2.9 88 |
| | 0843 | 0.8 24 | | 0851 | 0.2 6 |
| | 1528 | 3.5 107 | | 1532 | 4.2 128 |
| | 2204 | 1.1 34 | | 2208 | 0.5 15 |
| 12 Tu | 0339 | 2.6 79 | 27 W | 0351 | 3.0 91 |
| | 0938 | 0.7 21 | | 0957 | 0.1 3 |
| | 1621 | 3.7 113 | | 1634 | 4.3 131 |
| | 2255 | 0.9 27 | | 2307 | 0.3 9 |
| 13 W | 0430 | 2.8 85 | 28 Th | 0451 | 3.2 98 |
| | 1031 | 0.6 18 | | 1059 | −0.1 −3 |
| | 1707 | 3.9 119 | | 1729 | 4.4 134 |
| | 2338 | 0.8 24 | | 2358 | 0.1 3 |
| 14 Th | 0517 | 3.0 91 | 29 F | 0545 | 3.5 107 |
| | 1120 | 0.4 12 | | 1156 | −0.2 −6 |
| | 1750 | 4.0 122 | | 1818 | 4.4 134 |
| 15 F | 0017 | 0.6 18 | 30 Sa ● | 0043 | 0.0 0 |
| | 0601 | 3.2 98 | | 0635 | 3.7 113 |
| | 1206 | 0.3 9 | | 1248 | −0.3 −9 |
| | 1831 | 4.2 128 | | 1904 | 4.4 134 |
| | | | 31 Su | 0124 | −0.1 −3 |
| | | | | 0722 | 3.9 119 |
| | | | | 1336 | −0.3 −9 |
| | | | | 1948 | 4.2 128 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 M | 0203 | −0.1 −3 | 16 Tu | 0131 | 0.0 0 |
| | 0807 | 4.0 122 | | 0741 | 4.4 134 |
| | 1422 | −0.2 −6 | | 1356 | −0.1 −3 |
| | 2029 | 4.0 122 | | 2002 | 4.1 125 |
| 2 Tu | 0241 | 0.0 0 | 17 W | 0210 | 0.0 0 |
| | 0850 | 4.1 125 | | 0825 | 4.6 140 |
| | 1507 | 0.0 0 | | 1444 | 0.0 0 |
| | 2110 | 3.7 113 | | 2046 | 4.0 122 |
| 3 W | 0319 | 0.1 3 | 18 Th | 0252 | 0.0 0 |
| | 0933 | 4.0 122 | | 0911 | 4.7 143 |
| | 1553 | 0.3 9 | | 1534 | 0.1 3 |
| | 2150 | 3.4 104 | | 2131 | 3.7 113 |
| 4 Th | 0358 | 0.3 9 | 19 F | 0337 | 0.1 3 |
| | 1015 | 3.9 119 | | 1000 | 4.6 140 |
| | 1640 | 0.6 18 | | 1629 | 0.3 9 |
| | 2231 | 3.2 98 | | 2219 | 3.5 107 |
| 5 F | 0440 | 0.5 15 | 20 Sa | 0428 | 0.2 6 |
| | 1100 | 3.8 116 | | 1054 | 4.5 137 |
| | 1731 | 0.8 24 | | 1729 | 0.5 15 |
| | 2315 | 2.9 88 | | 2313 | 3.2 98 |
| 6 Sa | 0525 | 0.7 21 | 21 Su | 0524 | 0.3 9 |
| | 1149 | 3.6 110 | | 1153 | 4.3 131 |
| | 1825 | 1.0 30 | | 1834 | 0.7 21 |
| 7 Su ◐ | 0004 | 2.7 82 | 22 M ◑ | 0014 | 3.0 91 |
| | 0615 | 0.9 27 | | 0628 | 0.4 12 |
| | 1245 | 3.5 107 | | 1301 | 4.2 128 |
| | 1922 | 1.2 37 | | 1942 | 0.7 21 |
| 8 M | 0101 | 2.6 79 | 23 Tu | 0124 | 2.9 88 |
| | 0709 | 1.0 30 | | 0735 | 0.4 12 |
| | 1348 | 3.5 107 | | 1413 | 4.1 125 |
| | 2022 | 1.3 40 | | 2050 | 0.7 21 |
| 9 Tu | 0204 | 2.6 79 | 24 W | 0238 | 3.0 91 |
| | 0807 | 1.0 30 | | 0844 | 0.4 12 |
| | 1450 | 3.5 107 | | 1522 | 4.1 125 |
| | 2120 | 1.2 37 | | 2153 | 0.6 18 |
| 10 W | 0305 | 2.7 82 | 25 Th | 0346 | 3.2 98 |
| | 0905 | 0.9 27 | | 0951 | 0.3 9 |
| | 1546 | 3.7 113 | | 1621 | 4.1 125 |
| | 2212 | 1.1 34 | | 2248 | 0.4 12 |
| 11 Th | 0359 | 3.0 91 | 26 F | 0443 | 3.5 107 |
| | 1000 | 0.7 21 | | 1052 | 0.1 3 |
| | 1633 | 3.9 119 | | 1712 | 4.1 125 |
| | 2257 | 0.9 27 | | 2334 | 0.2 6 |
| 12 F | 0447 | 3.2 98 | 27 Sa | 0532 | 3.7 113 |
| | 1052 | 0.5 15 | | 1147 | 0.0 0 |
| | 1716 | 4.1 125 | | 1757 | 4.1 125 |
| | 2337 | 0.6 18 | | | |
| 13 Sa | 0531 | 3.5 107 | 28 Su | 0015 | 0.1 3 |
| | 1140 | 0.3 9 | | 0617 | 4.0 122 |
| | 1758 | 4.2 128 | | 1235 | 0.0 0 |
| | | | | 1839 | 4.0 122 |
| 14 Su | 0015 | 0.4 12 | 29 M ● | 0053 | 0.0 0 |
| | 0614 | 3.9 119 | | 0659 | 4.2 128 |
| | 1226 | 0.1 3 | | 1319 | 0.0 0 |
| | 1839 | 4.3 131 | | 1919 | 3.8 116 |
| 15 M ○ | 0053 | 0.2 6 | 30 Tu | 0129 | 0.0 0 |
| | 0657 | 4.2 128 | | 0739 | 4.2 128 |
| | 1311 | 0.0 0 | | 1401 | 0.1 3 |
| | 1920 | 4.3 131 | | 1959 | 3.7 113 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Ocean City, Maryland, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 W | 0204 | 0.1 | 3 | 16 Th | 0141 | −0.2 | −6 |
| | 0820 | 4.3 | 131 | | 0802 | 5.0 | 152 |
| | 1443 | 0.2 | 6 | | 1428 | −0.1 | −3 |
| | 2038 | 3.5 | 107 | | 2023 | 3.8 | 116 |
| 2 Th | 0240 | 0.3 | 9 | 17 F | 0226 | −0.2 | −6 |
| | 0900 | 4.2 | 128 | | 0852 | 5.0 | 152 |
| | 1525 | 0.4 | 12 | | 1521 | 0.0 | 0 |
| | 2118 | 3.3 | 101 | | 2113 | 3.6 | 110 |
| 3 F | 0318 | 0.5 | 15 | 18 Sa | 0316 | −0.1 | −3 |
| | 0942 | 4.1 | 125 | | 0944 | 4.8 | 146 |
| | 1609 | 0.7 | 21 | | 1617 | 0.2 | 6 |
| | 2158 | 3.1 | 94 | | 2205 | 3.3 | 101 |
| 4 Sa | 0359 | 0.6 | 18 | 19 Su | 0410 | 0.0 | 0 |
| | 1025 | 3.9 | 119 | | 1040 | 4.6 | 140 |
| | 1656 | 0.9 | 27 | | 1718 | 0.4 | 12 |
| | 2241 | 2.9 | 88 | | 2301 | 3.1 | 94 |
| 5 Su | 0444 | 0.8 | 24 | 20 M | 0510 | 0.2 | 6 |
| | 1113 | 3.7 | 113 | | 1140 | 4.3 | 131 |
| | 1748 | 1.1 | 34 | | 1822 | 0.5 | 15 |
| | 2329 | 2.7 | 82 | | | | |
| 6 M | 0535 | 1.0 | 30 | 21 Tu ◑ | 0004 | 3.0 | 91 |
| | 1205 | 3.6 | 110 | | 0616 | 0.4 | 12 |
| | 1843 | 1.2 | 37 | | 1246 | 4.1 | 125 |
| | | | | | 1928 | 0.6 | 18 |
| 7 Tu ◐ | 0024 | 2.7 | 82 | 22 W | 0116 | 3.0 | 91 |
| | 0631 | 1.1 | 34 | | 0725 | 0.4 | 12 |
| | 1305 | 3.5 | 107 | | 1357 | 3.9 | 119 |
| | 1939 | 1.3 | 40 | | 2031 | 0.5 | 15 |
| 8 W | 0126 | 2.7 | 82 | 23 Th | 0230 | 3.1 | 94 |
| | 0730 | 1.1 | 34 | | 0835 | 0.4 | 12 |
| | 1406 | 3.5 | 107 | | 1503 | 3.8 | 116 |
| | 2033 | 1.2 | 37 | | 2128 | 0.4 | 12 |
| 9 Th | 0228 | 2.9 | 88 | 24 F | 0335 | 3.3 | 101 |
| | 0829 | 1.0 | 30 | | 0941 | 0.4 | 12 |
| | 1502 | 3.7 | 113 | | 1600 | 3.7 | 113 |
| | 2123 | 1.0 | 30 | | 2219 | 0.3 | 9 |
| 10 F | 0324 | 3.1 | 94 | 25 Sa | 0429 | 3.6 | 110 |
| | 0926 | 0.8 | 24 | | 1042 | 0.3 | 9 |
| | 1552 | 3.8 | 116 | | 1648 | 3.6 | 110 |
| | 2209 | 0.8 | 24 | | 2303 | 0.2 | 6 |
| 11 Sa | 0414 | 3.5 | 107 | 26 Su | 0514 | 3.8 | 116 |
| | 1021 | 0.6 | 18 | | 1135 | 0.2 | 6 |
| | 1637 | 3.9 | 119 | | 1731 | 3.5 | 107 |
| | 2252 | 0.5 | 15 | | 2342 | 0.1 | 3 |
| 12 Su | 0459 | 3.9 | 119 | 27 M | 0555 | 4.0 | 122 |
| | 1113 | 0.3 | 9 | | 1220 | 0.1 | 3 |
| | 1721 | 4.0 | 122 | | 1811 | 3.5 | 107 |
| | 2334 | 0.3 | 9 | | | | |
| 13 M | 0544 | 4.3 | 131 | 28 Tu ● | 0019 | 0.1 | 3 |
| | 1202 | 0.1 | 3 | | 0634 | 4.2 | 128 |
| | 1805 | 4.1 | 125 | | 1302 | 0.1 | 3 |
| | | | | | 1850 | 3.4 | 104 |
| 14 Tu ○ | 0016 | 0.0 | 0 | 29 W | 0055 | 0.1 | 3 |
| | 0629 | 4.6 | 140 | | 0713 | 4.2 | 128 |
| | 1250 | −0.1 | −3 | | 1341 | 0.2 | 6 |
| | 1850 | 4.0 | 122 | | 1930 | 3.3 | 101 |
| 15 W | 0058 | −0.1 | −3 | 30 Th | 0131 | 0.2 | 6 |
| | 0715 | 4.8 | 146 | | 0752 | 4.2 | 128 |
| | 1339 | −0.2 | −6 | | 1420 | 0.3 | 9 |
| | 1936 | 3.9 | 119 | | 2009 | 3.2 | 98 |
| | | | | 31 F | 0208 | 0.3 | 9 |
| | | | | | 0833 | 4.2 | 128 |
| | | | | | 1500 | 0.4 | 12 |
| | | | | | 2049 | 3.0 | 91 |

## November

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Sa | 0246 | 0.4 | 12 | 16 Su | 0300 | −0.4 | −12 |
| | 0914 | 4.1 | 125 | | 0931 | 4.8 | 146 |
| | 1542 | 0.6 | 18 | | 1604 | −0.1 | −3 |
| | 2130 | 2.9 | 88 | | 2151 | 3.2 | 98 |
| 2 Su | 0326 | 0.6 | 18 | 17 M | 0356 | −0.2 | −6 |
| | 0957 | 3.9 | 119 | | 1027 | 4.5 | 137 |
| | 1627 | 0.8 | 24 | | 1703 | 0.1 | 3 |
| | 2213 | 2.8 | 85 | | 2249 | 3.1 | 94 |
| 3 M | 0411 | 0.7 | 21 | 18 Tu | 0458 | 0.0 | 0 |
| | 1042 | 3.8 | 116 | | 1124 | 4.2 | 128 |
| | 1715 | 0.9 | 27 | | 1804 | 0.2 | 6 |
| | 2259 | 2.7 | 82 | | 2351 | 3.0 | 91 |
| 4 Tu | 0500 | 0.8 | 24 | 19 W ◑ | 0603 | 0.2 | 6 |
| | 1130 | 3.6 | 110 | | 1225 | 3.9 | 119 |
| | 1806 | 1.0 | 30 | | 1903 | 0.2 | 6 |
| | 2350 | 2.7 | 82 | | | | |
| 5 W ◐ | 0555 | 0.9 | 27 | 20 Th | 0059 | 3.0 | 91 |
| | 1222 | 3.5 | 107 | | 0711 | 0.3 | 9 |
| | 1856 | 1.0 | 30 | | 1329 | 3.6 | 110 |
| | | | | | 2000 | 0.3 | 9 |
| 6 Th | 0048 | 2.8 | 85 | 21 F | 0210 | 3.1 | 94 |
| | 0653 | 0.9 | 27 | | 0819 | 0.4 | 12 |
| | 1317 | 3.5 | 107 | | 1432 | 3.3 | 101 |
| | 1946 | 0.9 | 27 | | 2053 | 0.2 | 6 |
| 7 F | 0148 | 2.9 | 88 | 22 Sa | 0313 | 3.3 | 101 |
| | 0752 | 0.9 | 27 | | 0925 | 0.4 | 12 |
| | 1413 | 3.5 | 107 | | 1529 | 3.2 | 98 |
| | 2034 | 0.8 | 24 | | 2142 | 0.2 | 6 |
| 8 Sa | 0245 | 3.2 | 98 | 23 Su | 0406 | 3.5 | 107 |
| | 0851 | 0.7 | 21 | | 1026 | 0.4 | 12 |
| | 1506 | 3.5 | 107 | | 1618 | 3.0 | 91 |
| | 2121 | 0.5 | 15 | | 2227 | 0.2 | 6 |
| 9 Su | 0337 | 3.6 | 110 | 24 M | 0450 | 3.7 | 113 |
| | 0949 | 0.5 | 15 | | 1119 | 0.3 | 9 |
| | 1557 | 3.6 | 110 | | 1702 | 3.0 | 91 |
| | 2208 | 0.3 | 9 | | 2308 | 0.1 | 3 |
| 10 M | 0426 | 4.0 | 122 | 25 Tu | 0531 | 3.9 | 119 |
| | 1045 | 0.3 | 9 | | 1205 | 0.2 | 6 |
| | 1645 | 3.6 | 110 | | 1743 | 2.9 | 88 |
| | 2255 | 0.0 | 0 | | 2348 | 0.1 | 3 |
| 11 Tu | 0514 | 4.4 | 134 | 26 W | 0610 | 4.0 | 122 |
| | 1139 | 0.0 | 0 | | 1245 | 0.2 | 6 |
| | 1734 | 3.7 | 113 | | 1823 | 2.9 | 88 |
| | 2342 | −0.2 | −6 | | | | |
| 12 W | 0603 | 4.8 | 146 | 27 Th ● | 0026 | 0.1 | 3 |
| | 1232 | −0.2 | −6 | | 0650 | 4.0 | 122 |
| | 1823 | 3.6 | 110 | | 1323 | 0.2 | 6 |
| | | | | | 1903 | 2.9 | 88 |
| 13 Th ○ | 0029 | −0.4 | −12 | 28 F | 0104 | 0.1 | 3 |
| | 0653 | 5.0 | 152 | | 0730 | 4.0 | 122 |
| | 1323 | −0.3 | −9 | | 1400 | 0.3 | 9 |
| | 1913 | 3.6 | 110 | | 1944 | 2.9 | 88 |
| 14 F | 0117 | −0.5 | −15 | 29 Sa | 0142 | 0.1 | 3 |
| | 0744 | 5.1 | 155 | | 0811 | 4.0 | 122 |
| | 1415 | −0.3 | −9 | | 1438 | 0.3 | 9 |
| | 2004 | 3.5 | 107 | | 2025 | 2.8 | 85 |
| 15 Sa | 0207 | −0.5 | −15 | 30 Su | 0221 | 0.2 | 6 |
| | 0837 | 5.0 | 152 | | 0852 | 3.9 | 119 |
| | 1508 | −0.2 | −6 | | 1518 | 0.4 | 12 |
| | 2057 | 3.4 | 104 | | 2106 | 2.8 | 85 |

## December

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0302 | 0.3 | 9 | 16 Tu | 0343 | −0.6 | −18 |
| | 0934 | 3.8 | 116 | | 1010 | 4.3 | 131 |
| | 1600 | 0.5 | 15 | | 1641 | −0.3 | −9 |
| | 2148 | 2.7 | 82 | | 2233 | 3.1 | 94 |
| 2 Tu | 0344 | 0.4 | 12 | 17 W | 0442 | −0.3 | −9 |
| | 1015 | 3.7 | 113 | | 1103 | 4.0 | 122 |
| | 1643 | 0.6 | 18 | | 1735 | −0.2 | −6 |
| | 2232 | 2.7 | 82 | | 2330 | 3.1 | 94 |
| 3 W | 0431 | 0.5 | 15 | 18 Th | 0544 | −0.1 | −3 |
| | 1057 | 3.6 | 110 | | 1156 | 3.5 | 107 |
| | 1728 | 0.6 | 18 | | 1828 | −0.1 | −3 |
| | 2319 | 2.7 | 82 | | | | |
| 4 Th | 0522 | 0.6 | 18 | 19 F ◑ | 0031 | 3.1 | 94 |
| | 1142 | 3.5 | 107 | | 0648 | 0.1 | 3 |
| | 1813 | 0.6 | 18 | | 1252 | 3.2 | 98 |
| | | | | | 1920 | 0.0 | 0 |
| 5 F ◐ | 0010 | 2.8 | 85 | 20 Sa | 0135 | 3.1 | 94 |
| | 0618 | 0.7 | 21 | | 0753 | 0.3 | 9 |
| | 1231 | 3.3 | 101 | | 1351 | 2.8 | 85 |
| | 1859 | 0.5 | 15 | | 2010 | 0.1 | 3 |
| 6 Sa | 0106 | 3.0 | 91 | 21 Su | 0238 | 3.2 | 98 |
| | 0717 | 0.6 | 18 | | 0859 | 0.4 | 12 |
| | 1325 | 3.2 | 98 | | 1450 | 2.6 | 79 |
| | 1947 | 0.4 | 12 | | 2059 | 0.1 | 3 |
| 7 Su | 0204 | 3.3 | 101 | 22 M | 0334 | 3.3 | 101 |
| | 0817 | 0.5 | 15 | | 1002 | 0.4 | 12 |
| | 1421 | 3.2 | 98 | | 1543 | 2.5 | 76 |
| | 2036 | 0.2 | 6 | | 2148 | 0.2 | 6 |
| 8 M | 0300 | 3.6 | 110 | 23 Tu | 0423 | 3.4 | 104 |
| | 0919 | 0.4 | 12 | | 1059 | 0.4 | 12 |
| | 1518 | 3.1 | 94 | | 1632 | 2.5 | 76 |
| | 2127 | 0.0 | 0 | | 2235 | 0.1 | 3 |
| 9 Tu | 0355 | 4.0 | 122 | 24 W | 0507 | 3.5 | 107 |
| | 1020 | 0.2 | 6 | | 1147 | 0.3 | 9 |
| | 1612 | 3.2 | 98 | | 1716 | 2.5 | 76 |
| | 2220 | −0.2 | −6 | | 2319 | 0.1 | 3 |
| 10 W | 0449 | 4.4 | 134 | 25 Th | 0549 | 3.6 | 110 |
| | 1119 | −0.1 | −3 | | 1227 | 0.3 | 9 |
| | 1706 | 3.2 | 98 | | 1758 | 2.5 | 76 |
| | 2313 | −0.5 | −15 | | | | |
| 11 Th | 0542 | 4.7 | 143 | 26 F | 0002 | 0.0 | 0 |
| | 1215 | −0.3 | −9 | | 0631 | 3.7 | 113 |
| | 1800 | 3.2 | 98 | | 1304 | 0.2 | 6 |
| | | | | | 1840 | 2.6 | 79 |
| 12 F ○ | 0007 | −0.7 | −21 | 27 Sa ● | 0042 | −0.1 | −3 |
| | 0636 | 4.8 | 146 | | 0712 | 3.8 | 116 |
| | 1309 | −0.4 | −12 | | 1341 | 0.2 | 6 |
| | 1853 | 3.2 | 98 | | 1921 | 2.7 | 82 |
| 13 Sa | 0059 | −0.8 | −24 | 28 Su | 0122 | −0.1 | −3 |
| | 0730 | 4.9 | 149 | | 0752 | 3.8 | 116 |
| | 1401 | −0.5 | −15 | | 1417 | 0.2 | 6 |
| | 1948 | 3.2 | 98 | | 2003 | 2.7 | 82 |
| 14 Su | 0152 | −0.8 | −24 | 29 M | 0201 | −0.1 | −3 |
| | 0824 | 4.8 | 146 | | 0832 | 3.8 | 116 |
| | 1454 | −0.5 | −15 | | 1454 | 0.2 | 6 |
| | 2042 | 3.2 | 98 | | 2044 | 2.8 | 85 |
| 15 M | 0247 | −0.8 | −24 | 30 Tu | 0241 | 0.0 | 0 |
| | 0917 | 4.6 | 140 | | 0910 | 3.8 | 116 |
| | 1547 | −0.4 | −12 | | 1531 | 0.2 | 6 |
| | 2137 | 3.2 | 98 | | 2124 | 2.8 | 85 |
| | | | | 31 W | 0322 | 0.1 | 3 |
| | | | | | 0948 | 3.7 | 113 |
| | | | | | 1610 | 0.2 | 6 |
| | | | | | 2205 | 2.9 | 88 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Baltimore, Maryland, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 0025 | 0.8 / 24 | **16** W | 0611 | −0.4 / −12 |
| | 0703 | −0.2 / −6 | | 1250 | 1.1 / 34 |
| | 1339 | 0.9 / 27 | | 2001 | 0.0 / 0 |
| | 2025 | 0.2 / 6 | | | |
| **2** W | 0110 | 0.7 / 21 | **17** Th | 0041 | 0.6 / 18 |
| | 0739 | −0.3 / −9 | | 0700 | −0.4 / −12 |
| | 1439 | 1.0 / 30 | | 1354 | 1.2 / 37 |
| | 2135 | 0.2 / 6 | | 2119 | 0.0 / 0 |
| **3** Th | 0157 | 0.6 / 18 | **18** F | 0141 | 0.5 / 15 |
| | 0818 | −0.3 / −9 | | 0755 | −0.5 / −15 |
| | 1533 | 1.1 / 34 | | 1459 | 1.3 / 40 |
| | 2237 | 0.2 / 6 | | 2227 | 0.0 / 0 |
| **4** F | 0249 | 0.5 / 15 | **19** Sa | 0245 | 0.5 / 15 |
| | 0900 | −0.3 / −9 | | 0857 | −0.5 / −15 |
| | 1620 | 1.1 / 34 | | 1603 | 1.3 / 40 |
| | 2328 | 0.1 / 3 | | 2326 | −0.1 / −3 |
| **5** Sa | 0341 | 0.5 / 15 | **20** Su | 0348 | 0.5 / 15 |
| | 0944 | −0.3 / −9 | | 1001 | −0.5 / −15 |
| | 1703 | 1.1 / 34 | | 1704 | 1.3 / 40 |
| **6** Su | 0012 | 0.1 / 3 | **21** M | 0017 | −0.1 / −3 |
| | 0433 | 0.5 / 15 | | 0448 | 0.6 / 18 |
| | 1030 | −0.3 / −9 | | 1103 | −0.5 / −15 |
| | 1742 | 1.2 / 37 | | 1800 | 1.3 / 40 |
| **7** M | 0051 | 0.0 / 0 | **22** Tu ○ | 0104 | −0.1 / −3 |
| | 0521 | 0.5 / 15 | | 0544 | 0.7 / 21 |
| | 1116 | −0.3 / −9 | | 1203 | −0.5 / −15 |
| | 1819 | 1.2 / 37 | | 1852 | 1.3 / 40 |
| **8** Tu ● | 0127 | 0.0 / 0 | **23** W | 0147 | −0.1 / −3 |
| | 0605 | 0.5 / 15 | | 0637 | 0.7 / 21 |
| | 1202 | −0.3 / −9 | | 1258 | −0.5 / −15 |
| | 1856 | 1.2 / 37 | | 1940 | 1.2 / 37 |
| **9** W | 0202 | 0.0 / 0 | **24** Th | 0228 | −0.1 / −3 |
| | 0648 | 0.6 / 18 | | 0728 | 0.8 / 24 |
| | 1246 | −0.3 / −9 | | 1351 | −0.5 / −15 |
| | 1933 | 1.2 / 37 | | 2022 | 1.2 / 37 |
| **10** Th | 0236 | −0.1 / −3 | **25** F | 0306 | −0.1 / −3 |
| | 0730 | 0.6 / 18 | | 0819 | 0.8 / 24 |
| | 1331 | −0.3 / −9 | | 1442 | −0.4 / −12 |
| | 2010 | 1.2 / 37 | | 2102 | 1.1 / 34 |
| **11** F | 0310 | −0.1 / −3 | **26** Sa | 0341 | −0.2 / −6 |
| | 0814 | 0.7 / 21 | | 0910 | 0.8 / 24 |
| | 1417 | −0.3 / −9 | | 1534 | −0.2 / −6 |
| | 2049 | 1.2 / 37 | | 2139 | 1.0 / 30 |
| **12** Sa | 0343 | −0.1 / −3 | **27** Su | 0413 | −0.2 / −6 |
| | 0902 | 0.7 / 21 | | 1002 | 0.9 / 27 |
| | 1508 | −0.2 / −6 | | 1628 | −0.1 / −3 |
| | 2129 | 1.1 / 34 | | 2216 | 0.9 / 27 |
| **13** Su | 0416 | −0.2 / −6 | **28** M | 0444 | −0.2 / −6 |
| | 0953 | 0.8 / 24 | | 1056 | 0.9 / 27 |
| | 1607 | −0.2 / −6 | | 1730 | 0.0 / 0 |
| | 2211 | 1.0 / 30 | | 2254 | 0.7 / 21 |
| **14** M | 0451 | −0.3 / −9 | **29** Tu | 0517 | −0.3 / −9 |
| | 1049 | 0.9 / 27 | | 1152 | 0.9 / 27 |
| | 1716 | −0.1 / −3 | | 1839 | 0.1 / 3 |
| | 2256 | 0.9 / 27 | | 2335 | 0.6 / 18 |
| **15** Tu ◐ | 0529 | −0.3 / −9 | **30** W ◑ | 0553 | −0.3 / −9 |
| | 1148 | 1.0 / 30 | | 1249 | 0.9 / 27 |
| | 1837 | 0.0 / 0 | | 1952 | 0.2 / 6 |
| | 2346 | 0.7 / 21 | | | |
| | | | **31** Th | 0021 | 0.6 / 18 |
| | | | | 0636 | −0.3 / −9 |
| | | | | 1347 | 1.0 / 30 |
| | | | | 2101 | 0.2 / 6 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** F | 0115 | 0.5 / 15 | **16** Sa | 0132 | 0.6 / 18 |
| | 0725 | −0.3 / −9 | | 0746 | −0.3 / −9 |
| | 1444 | 1.0 / 30 | | 1447 | 1.2 / 37 |
| | 2200 | 0.2 / 6 | | 2209 | 0.0 / 0 |
| **2** Sa | 0213 | 0.5 / 15 | **17** Su | 0238 | 0.6 / 18 |
| | 0820 | −0.3 / −9 | | 0858 | −0.3 / −9 |
| | 1539 | 1.0 / 30 | | 1556 | 1.2 / 37 |
| | 2249 | 0.1 / 3 | | 2302 | 0.0 / 0 |
| **3** Su | 0311 | 0.5 / 15 | **18** M | 0341 | 0.7 / 21 |
| | 0917 | −0.3 / −9 | | 1007 | −0.4 / −12 |
| | 1628 | 1.0 / 30 | | 1658 | 1.2 / 37 |
| | 2332 | 0.1 / 3 | | 2350 | 0.0 / 0 |
| **4** M | 0405 | 0.5 / 15 | **19** Tu | 0438 | 0.8 / 24 |
| | 1011 | −0.3 / −9 | | 1109 | −0.4 / −12 |
| | 1712 | 1.1 / 34 | | 1751 | 1.2 / 37 |
| **5** Tu | 0010 | 0.0 / 0 | **20** W ○ | 0033 | 0.0 / 0 |
| | 0454 | 0.6 / 18 | | 0532 | 0.9 / 27 |
| | 1103 | −0.3 / −9 | | 1205 | −0.4 / −12 |
| | 1753 | 1.1 / 34 | | 1837 | 1.2 / 37 |
| **6** W ● | 0046 | 0.0 / 0 | **21** Th | 0111 | 0.0 / 0 |
| | 0539 | 0.7 / 21 | | 0622 | 1.0 / 30 |
| | 1151 | −0.3 / −9 | | 1256 | −0.4 / −12 |
| | 1831 | 1.1 / 34 | | 1916 | 1.2 / 37 |
| **7** Th | 0119 | 0.0 / 0 | **22** F | 0146 | 0.0 / 0 |
| | 0623 | 0.7 / 21 | | 0710 | 1.0 / 30 |
| | 1238 | −0.3 / −9 | | 1344 | −0.3 / −9 |
| | 1908 | 1.1 / 34 | | 1953 | 1.1 / 34 |
| **8** F | 0152 | −0.1 / −3 | **23** Sa | 0216 | −0.1 / −3 |
| | 0707 | 0.8 / 24 | | 0756 | 1.1 / 34 |
| | 1325 | −0.3 / −9 | | 1431 | −0.2 / −6 |
| | 1945 | 1.1 / 34 | | 2027 | 1.0 / 30 |
| **9** Sa | 0223 | −0.1 / −3 | **24** Su | 0244 | −0.1 / −3 |
| | 0753 | 0.9 / 27 | | 0842 | 1.1 / 34 |
| | 1416 | −0.3 / −9 | | 1519 | −0.1 / −3 |
| | 2023 | 1.1 / 34 | | 2101 | 0.9 / 27 |
| **10** Su | 0255 | −0.2 / −6 | **25** M | 0311 | −0.1 / −3 |
| | 0841 | 1.0 / 30 | | 0928 | 1.1 / 34 |
| | 1511 | −0.2 / −6 | | 1610 | 0.1 / 3 |
| | 2103 | 1.0 / 30 | | 2136 | 0.8 / 24 |
| **11** M | 0328 | −0.3 / −9 | **26** Tu | 0340 | −0.1 / −3 |
| | 0932 | 1.1 / 34 | | 1014 | 1.1 / 34 |
| | 1613 | −0.1 / −3 | | 1705 | 0.2 / 6 |
| | 2146 | 0.9 / 27 | | 2214 | 0.8 / 24 |
| **12** Tu | 0404 | −0.3 / −9 | **27** W | 0414 | −0.1 / −3 |
| | 1027 | 1.2 / 37 | | 1101 | 1.1 / 34 |
| | 1724 | 0.0 / 0 | | 1805 | 0.2 / 6 |
| | 2234 | 0.8 / 24 | | 2257 | 0.7 / 21 |
| **13** W ◐ | 0446 | −0.4 / −12 | **28** Th ◑ | 0455 | −0.1 / −3 |
| | 1125 | 1.2 / 37 | | 1151 | 1.1 / 34 |
| | 1841 | 0.0 / 0 | | 1909 | 0.3 / 9 |
| | 2327 | 0.7 / 21 | | 2347 | 0.7 / 21 |
| **14** Th | 0536 | −0.4 / −12 | **29** F | 0544 | −0.1 / −3 |
| | 1228 | 1.3 / 40 | | 1246 | 1.1 / 34 |
| | 1958 | 0.1 / 3 | | 2011 | 0.3 / 9 |
| **15** F | 0027 | 0.6 / 18 | | | |
| | 0636 | −0.3 / −9 | | | |
| | 1336 | 1.3 / 40 | | | |
| | 2108 | 0.1 / 3 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0044 | 0.6 / 18 | **16** Su | 0129 | 0.9 / 27 |
| | 0644 | −0.1 / −3 | | 0751 | 0.0 / 0 |
| | 1346 | 1.0 / 30 | | 1436 | 1.3 / 40 |
| | 2107 | 0.3 / 9 | | 2140 | 0.2 / 6 |
| **2** Su | 0143 | 0.7 / 21 | **17** M | 0233 | 0.9 / 27 |
| | 0749 | 0.0 / 0 | | 0907 | −0.1 / −3 |
| | 1447 | 1.0 / 30 | | 1544 | 1.3 / 40 |
| | 2156 | 0.3 / 9 | | 2230 | 0.2 / 6 |
| **3** M | 0241 | 0.7 / 21 | **18** Tu | 0334 | 1.0 / 30 |
| | 0854 | −0.1 / −3 | | 1013 | −0.1 / −3 |
| | 1543 | 1.1 / 34 | | 1642 | 1.3 / 40 |
| | 2240 | 0.2 / 6 | | 2314 | 0.2 / 6 |
| **4** Tu | 0335 | 0.8 / 24 | **19** W | 0429 | 1.1 / 34 |
| | 0953 | −0.1 / −3 | | 1112 | −0.1 / −3 |
| | 1633 | 1.1 / 34 | | 1728 | 1.2 / 37 |
| | 2318 | 0.2 / 6 | | 2353 | 0.2 / 6 |
| **5** W | 0425 | 0.9 / 27 | **20** Th | 0520 | 1.2 / 37 |
| | 1048 | −0.1 / −3 | | 1204 | −0.1 / −3 |
| | 1716 | 1.2 / 37 | | 1808 | 1.2 / 37 |
| | 2354 | 0.1 / 3 | | | |
| **6** Th | 0512 | 1.0 / 30 | **21** F ○ | 0026 | 0.2 / 6 |
| | 1140 | −0.2 / −6 | | 0607 | 1.3 / 40 |
| | 1757 | 1.2 / 37 | | 1253 | 0.0 / 0 |
| | | | | 1844 | 1.2 / 37 |
| **7** F ● | 0027 | 0.1 / 3 | **22** Sa | 0055 | 0.1 / 3 |
| | 0558 | 1.1 / 34 | | 0651 | 1.4 / 43 |
| | 1231 | −0.2 / −6 | | 1340 | 0.0 / 0 |
| | 1836 | 1.2 / 37 | | 1917 | 1.1 / 34 |
| **8** Sa | 0059 | 0.0 / 0 | **23** Su | 0121 | 0.1 / 3 |
| | 0644 | 1.2 / 37 | | 0733 | 1.4 / 43 |
| | 1323 | −0.1 / −3 | | 1425 | 0.1 / 3 |
| | 1915 | 1.1 / 34 | | 1951 | 1.0 / 30 |
| **9** Su | 0131 | −0.1 / −3 | **24** M | 0146 | 0.1 / 3 |
| | 0731 | 1.3 / 40 | | 0813 | 1.4 / 43 |
| | 1419 | −0.1 / −3 | | 1511 | 0.2 / 6 |
| | 1956 | 1.1 / 34 | | 2026 | 1.0 / 30 |
| **10** M | 0205 | −0.1 / −3 | **25** Tu | 0213 | 0.1 / 3 |
| | 0820 | 1.4 / 43 | | 0852 | 1.4 / 43 |
| | 1517 | 0.0 / 0 | | 1556 | 0.3 / 9 |
| | 2040 | 1.0 / 30 | | 2104 | 0.9 / 27 |
| **11** Tu | 0242 | −0.2 / −6 | **26** W | 0245 | 0.1 / 3 |
| | 0911 | 1.5 / 46 | | 0931 | 1.4 / 43 |
| | 1620 | 0.0 / 0 | | 1643 | 0.3 / 9 |
| | 2127 | 0.9 / 27 | | 2145 | 0.9 / 27 |
| **12** W | 0325 | −0.2 / −6 | **27** Th | 0324 | 0.1 / 3 |
| | 1005 | 1.5 / 46 | | 1013 | 1.4 / 43 |
| | 1727 | 0.1 / 3 | | 1732 | 0.4 / 12 |
| | 2220 | 0.8 / 24 | | 2232 | 0.9 / 27 |
| **13** Th | 0415 | −0.1 / −3 | **28** F | 0410 | 0.2 / 6 |
| | 1104 | 1.5 / 46 | | 1058 | 1.3 / 40 |
| | 1836 | 0.2 / 6 | | 1824 | 0.4 / 12 |
| | 2318 | 0.8 / 24 | | 2323 | 0.9 / 27 |
| **14** F ◐ | 0517 | −0.1 / −3 | **29** Sa ◑ | 0506 | 0.2 / 6 |
| | 1209 | 1.4 / 43 | | 1151 | 1.3 / 40 |
| | 1943 | 0.2 / 6 | | 1917 | 0.4 / 12 |
| **15** Sa | 0022 | 0.8 / 24 | **30** Su | 0018 | 0.9 / 27 |
| | 0631 | −0.1 / −3 | | 0611 | 0.2 / 6 |
| | 1321 | 1.3 / 40 | | 1250 | 1.2 / 37 |
| | 2045 | 0.2 / 6 | | 2009 | 0.4 / 12 |
| | | | **31** M | 0115 | 1.0 / 30 |
| | | | | 0721 | 0.3 / 9 |
| | | | | 1351 | 1.2 / 37 |
| | | | | 2057 | 0.4 / 12 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Baltimore, Maryland, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Tu | 0211 | 1.0 | 30 |
| | 0829 | 0.2 | 6 |
| | 1450 | 1.2 | 37 |
| | 2140 | 0.4 | 12 |
| 2 W | 0305 | 1.1 | 34 |
| | 0933 | 0.2 | 6 |
| | 1543 | 1.2 | 37 |
| | 2219 | 0.3 | 9 |
| 3 Th | 0356 | 1.3 | 40 |
| | 1033 | 0.1 | 3 |
| | 1630 | 1.3 | 40 |
| | 2255 | 0.2 | 6 |
| 4 F | 0445 | 1.4 | 43 |
| | 1131 | 0.1 | 3 |
| | 1715 | 1.2 | 37 |
| | 2329 | 0.2 | 6 |
| 5 Sa ● | 0534 | 1.6 | 49 |
| | 1227 | 0.1 | 3 |
| | 1759 | 1.2 | 37 |
| 6 Su | 0004 | 0.1 | 3 |
| | 0622 | 1.7 | 52 |
| | 1325 | 0.1 | 3 |
| | 1844 | 1.1 | 34 |
| 7 M | 0041 | 0.0 | 0 |
| | 0710 | 1.8 | 55 |
| | 1422 | 0.1 | 3 |
| | 1931 | 1.1 | 34 |
| 8 Tu | 0120 | 0.0 | 0 |
| | 0800 | 1.9 | 58 |
| | 1521 | 0.2 | 6 |
| | 2020 | 1.0 | 30 |
| 9 W | 0205 | 0.0 | 0 |
| | 0851 | 1.9 | 58 |
| | 1620 | 0.2 | 6 |
| | 2114 | 1.0 | 30 |
| 10 Th | 0258 | 0.1 | 3 |
| | 0946 | 1.8 | 55 |
| | 1719 | 0.2 | 6 |
| | 2211 | 1.0 | 30 |
| 11 F | 0400 | 0.1 | 3 |
| | 1046 | 1.7 | 52 |
| | 1819 | 0.3 | 9 |
| | 2313 | 1.0 | 30 |
| 12 Sa ◐ | 0513 | 0.2 | 6 |
| | 1153 | 1.6 | 49 |
| | 1917 | 0.3 | 9 |
| 13 Su | 0017 | 1.1 | 34 |
| | 0635 | 0.2 | 6 |
| | 1304 | 1.5 | 46 |
| | 2013 | 0.4 | 12 |
| 14 M | 0122 | 1.2 | 37 |
| | 0755 | 0.2 | 6 |
| | 1414 | 1.4 | 43 |
| | 2104 | 0.4 | 12 |
| 15 Tu | 0225 | 1.3 | 40 |
| | 0908 | 0.2 | 6 |
| | 1516 | 1.3 | 40 |
| | 2150 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 W | 0324 | 1.4 | 43 |
| | 1012 | 0.2 | 6 |
| | 1607 | 1.3 | 40 |
| | 2230 | 0.3 | 9 |
| 17 Th | 0418 | 1.5 | 46 |
| | 1109 | 0.2 | 6 |
| | 1651 | 1.2 | 37 |
| | 2304 | 0.3 | 9 |
| 18 F | 0507 | 1.6 | 49 |
| | 1202 | 0.2 | 6 |
| | 1729 | 1.2 | 37 |
| | 2333 | 0.3 | 9 |
| 19 Sa | 0551 | 1.7 | 52 |
| | 1251 | 0.3 | 9 |
| | 1806 | 1.1 | 34 |
| 20 Su ○ | 0000 | 0.2 | 6 |
| | 0631 | 1.7 | 52 |
| | 1337 | 0.3 | 9 |
| | 1842 | 1.1 | 34 |
| 21 M | 0026 | 0.2 | 6 |
| | 0709 | 1.7 | 52 |
| | 1421 | 0.4 | 12 |
| | 1920 | 1.0 | 30 |
| 22 Tu | 0054 | 0.2 | 6 |
| | 0744 | 1.7 | 52 |
| | 1502 | 0.4 | 12 |
| | 1959 | 1.0 | 30 |
| 23 W | 0127 | 0.3 | 9 |
| | 0819 | 1.7 | 52 |
| | 1542 | 0.4 | 12 |
| | 2040 | 1.0 | 30 |
| 24 Th | 0205 | 0.3 | 9 |
| | 0855 | 1.7 | 52 |
| | 1621 | 0.4 | 12 |
| | 2124 | 1.0 | 30 |
| 25 F | 0249 | 0.4 | 12 |
| | 0934 | 1.6 | 49 |
| | 1702 | 0.5 | 15 |
| | 2211 | 1.1 | 34 |
| 26 Sa | 0339 | 0.4 | 12 |
| | 1018 | 1.5 | 46 |
| | 1744 | 0.5 | 15 |
| | 2300 | 1.1 | 34 |
| 27 Su | 0437 | 0.5 | 15 |
| | 1108 | 1.5 | 46 |
| | 1829 | 0.5 | 15 |
| | 2352 | 1.1 | 34 |
| 28 M ◑ | 0542 | 0.5 | 15 |
| | 1203 | 1.4 | 43 |
| | 1914 | 0.5 | 15 |
| 29 Tu | 0047 | 1.2 | 37 |
| | 0653 | 0.5 | 15 |
| | 1300 | 1.4 | 43 |
| | 1958 | 0.5 | 15 |
| 30 W | 0142 | 1.3 | 40 |
| | 0805 | 0.5 | 15 |
| | 1356 | 1.4 | 43 |
| | 2038 | 0.4 | 12 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Th | 0236 | 1.5 | 46 |
| | 0916 | 0.5 | 15 |
| | 1450 | 1.3 | 40 |
| | 2117 | 0.3 | 9 |
| 2 F | 0329 | 1.6 | 49 |
| | 1023 | 0.4 | 12 |
| | 1542 | 1.3 | 40 |
| | 2155 | 0.3 | 9 |
| 3 Sa | 0421 | 1.8 | 55 |
| | 1126 | 0.4 | 12 |
| | 1633 | 1.2 | 37 |
| | 2233 | 0.2 | 6 |
| 4 Su | 0511 | 2.0 | 61 |
| | 1227 | 0.3 | 9 |
| | 1724 | 1.1 | 34 |
| | 2314 | 0.1 | 3 |
| 5 M ● | 0601 | 2.1 | 64 |
| | 1325 | 0.3 | 9 |
| | 1816 | 1.1 | 34 |
| | 2358 | 0.1 | 3 |
| 6 Tu | 0651 | 2.2 | 67 |
| | 1421 | 0.3 | 9 |
| | 1909 | 1.1 | 34 |
| 7 W | 0048 | 0.1 | 3 |
| | 0742 | 2.1 | 64 |
| | 1515 | 0.3 | 9 |
| | 2005 | 1.1 | 34 |
| 8 Th | 0143 | 0.2 | 6 |
| | 0835 | 2.1 | 64 |
| | 1608 | 0.3 | 9 |
| | 2102 | 1.1 | 34 |
| 9 F | 0245 | 0.2 | 6 |
| | 0931 | 1.9 | 58 |
| | 1701 | 0.4 | 12 |
| | 2201 | 1.2 | 37 |
| 10 Sa | 0355 | 0.3 | 9 |
| | 1031 | 1.8 | 55 |
| | 1753 | 0.4 | 12 |
| | 2303 | 1.3 | 40 |
| 11 Su ◐ | 0511 | 0.4 | 12 |
| | 1134 | 1.6 | 49 |
| | 1845 | 0.4 | 12 |
| 12 M | 0006 | 1.4 | 43 |
| | 0631 | 0.4 | 12 |
| | 1236 | 1.5 | 46 |
| | 1934 | 0.4 | 12 |
| 13 Tu | 0110 | 1.4 | 43 |
| | 0748 | 0.5 | 15 |
| | 1336 | 1.4 | 43 |
| | 2020 | 0.4 | 12 |
| 14 W | 0212 | 1.5 | 46 |
| | 0859 | 0.5 | 15 |
| | 1430 | 1.3 | 40 |
| | 2101 | 0.4 | 12 |
| 15 Th | 0311 | 1.6 | 49 |
| | 1005 | 0.5 | 15 |
| | 1519 | 1.2 | 37 |
| | 2137 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 F | 0404 | 1.7 | 52 |
| | 1104 | 0.5 | 15 |
| | 1603 | 1.2 | 37 |
| | 2208 | 0.3 | 9 |
| 17 Sa | 0450 | 1.8 | 55 |
| | 1158 | 0.5 | 15 |
| | 1646 | 1.1 | 34 |
| | 2238 | 0.3 | 9 |
| 18 Su | 0532 | 1.9 | 58 |
| | 1247 | 0.5 | 15 |
| | 1729 | 1.1 | 34 |
| | 2308 | 0.3 | 9 |
| 19 M ○ | 0609 | 1.9 | 58 |
| | 1332 | 0.5 | 15 |
| | 1811 | 1.0 | 30 |
| | 2340 | 0.3 | 9 |
| 20 Tu | 0644 | 1.9 | 58 |
| | 1411 | 0.5 | 15 |
| | 1854 | 1.0 | 30 |
| 21 W | 0016 | 0.4 | 12 |
| | 0717 | 1.9 | 58 |
| | 1448 | 0.5 | 15 |
| | 1937 | 1.1 | 34 |
| 22 Th | 0056 | 0.4 | 12 |
| | 0751 | 1.8 | 55 |
| | 1522 | 0.5 | 15 |
| | 2020 | 1.1 | 34 |
| 23 F | 0139 | 0.4 | 12 |
| | 0827 | 1.8 | 55 |
| | 1557 | 0.5 | 15 |
| | 2104 | 1.1 | 34 |
| 24 Sa | 0226 | 0.5 | 15 |
| | 0906 | 1.7 | 52 |
| | 1632 | 0.5 | 15 |
| | 2149 | 1.2 | 37 |
| 25 Su | 0317 | 0.5 | 15 |
| | 0949 | 1.7 | 52 |
| | 1709 | 0.5 | 15 |
| | 2236 | 1.2 | 37 |
| 26 M | 0413 | 0.6 | 18 |
| | 1035 | 1.6 | 49 |
| | 1746 | 0.5 | 15 |
| | 2326 | 1.3 | 40 |
| 27 Tu ◑ | 0517 | 0.6 | 18 |
| | 1124 | 1.6 | 49 |
| | 1824 | 0.4 | 12 |
| 28 W | 0019 | 1.4 | 43 |
| | 0629 | 0.6 | 18 |
| | 1215 | 1.5 | 46 |
| | 1902 | 0.4 | 12 |
| 29 Th | 0114 | 1.6 | 49 |
| | 0748 | 0.7 | 21 |
| | 1307 | 1.4 | 43 |
| | 1940 | 0.3 | 9 |
| 30 F | 0210 | 1.7 | 52 |
| | 0906 | 0.6 | 18 |
| | 1402 | 1.3 | 40 |
| | 2020 | 0.3 | 9 |
| 31 Sa | 0304 | 1.9 | 58 |
| | 1019 | 0.6 | 18 |
| | 1459 | 1.2 | 37 |
| | 2102 | 0.2 | 6 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Su | 0358 | 2.1 | 64 |
| | 1125 | 0.5 | 15 |
| | 1556 | 1.1 | 34 |
| | 2148 | 0.1 | 3 |
| 2 M | 0450 | 2.2 | 67 |
| | 1224 | 0.4 | 12 |
| | 1655 | 1.1 | 34 |
| | 2238 | 0.1 | 3 |
| 3 Tu ● | 0542 | 2.3 | 70 |
| | 1319 | 0.4 | 12 |
| | 1754 | 1.1 | 34 |
| | 2332 | 0.1 | 3 |
| 4 W | 0635 | 2.2 | 67 |
| | 1410 | 0.4 | 12 |
| | 1852 | 1.1 | 34 |
| 5 Th | 0031 | 0.2 | 6 |
| | 0728 | 2.2 | 67 |
| | 1459 | 0.4 | 12 |
| | 1949 | 1.2 | 37 |
| 6 F | 0134 | 0.2 | 6 |
| | 0822 | 2.1 | 64 |
| | 1546 | 0.4 | 12 |
| | 2047 | 1.3 | 40 |
| 7 Sa | 0240 | 0.3 | 9 |
| | 0917 | 1.9 | 58 |
| | 1633 | 0.4 | 12 |
| | 2145 | 1.4 | 43 |
| 8 Su | 0349 | 0.4 | 12 |
| | 1012 | 1.8 | 55 |
| | 1720 | 0.4 | 12 |
| | 2245 | 1.4 | 43 |
| 9 M | 0501 | 0.5 | 15 |
| | 1105 | 1.6 | 49 |
| | 1805 | 0.4 | 12 |
| | 2348 | 1.5 | 46 |
| 10 Tu ◐ | 0616 | 0.6 | 18 |
| | 1157 | 1.5 | 46 |
| | 1847 | 0.4 | 12 |
| 11 W | 0051 | 1.6 | 49 |
| | 0732 | 0.6 | 18 |
| | 1247 | 1.4 | 43 |
| | 1927 | 0.4 | 12 |
| 12 Th | 0153 | 1.7 | 52 |
| | 0846 | 0.7 | 21 |
| | 1336 | 1.3 | 40 |
| | 2003 | 0.3 | 9 |
| 13 F | 0250 | 1.8 | 55 |
| | 0955 | 0.7 | 21 |
| | 1425 | 1.2 | 37 |
| | 2038 | 0.3 | 9 |
| 14 Sa | 0342 | 1.8 | 55 |
| | 1056 | 0.6 | 18 |
| | 1515 | 1.1 | 34 |
| | 2112 | 0.3 | 9 |
| 15 Su | 0428 | 1.9 | 58 |
| | 1150 | 0.6 | 18 |
| | 1606 | 1.0 | 30 |
| | 2149 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 M | 0509 | 1.9 | 58 |
| | 1235 | 0.6 | 18 |
| | 1656 | 1.0 | 30 |
| | 2228 | 0.4 | 12 |
| 17 Tu | 0546 | 1.9 | 58 |
| | 1315 | 0.5 | 15 |
| | 1745 | 1.0 | 30 |
| | 2310 | 0.4 | 12 |
| 18 W ○ | 0621 | 1.9 | 58 |
| | 1350 | 0.5 | 15 |
| | 1831 | 1.1 | 34 |
| | 2354 | 0.4 | 12 |
| 19 Th | 0655 | 1.9 | 58 |
| | 1423 | 0.5 | 15 |
| | 1916 | 1.1 | 34 |
| 20 F | 0039 | 0.5 | 15 |
| | 0730 | 1.9 | 58 |
| | 1455 | 0.5 | 15 |
| | 1958 | 1.2 | 37 |
| 21 Sa | 0124 | 0.5 | 15 |
| | 0806 | 1.8 | 55 |
| | 1527 | 0.5 | 15 |
| | 2040 | 1.2 | 37 |
| 22 Su | 0211 | 0.5 | 15 |
| | 0843 | 1.8 | 55 |
| | 1558 | 0.5 | 15 |
| | 2123 | 1.3 | 40 |
| 23 M | 0300 | 0.6 | 18 |
| | 0923 | 1.7 | 52 |
| | 1630 | 0.4 | 12 |
| | 2210 | 1.4 | 43 |
| 24 Tu | 0356 | 0.6 | 18 |
| | 1004 | 1.7 | 52 |
| | 1702 | 0.4 | 12 |
| | 2300 | 1.5 | 46 |
| 25 W | 0501 | 0.7 | 21 |
| | 1048 | 1.6 | 49 |
| | 1736 | 0.3 | 9 |
| | 2353 | 1.6 | 49 |
| 26 Th ◑ | 0618 | 0.7 | 21 |
| | 1136 | 1.5 | 46 |
| | 1811 | 0.3 | 9 |
| 27 F | 0048 | 1.8 | 55 |
| | 0742 | 0.8 | 24 |
| | 1227 | 1.3 | 40 |
| | 1850 | 0.2 | 6 |
| 28 Sa | 0144 | 1.9 | 58 |
| | 0904 | 0.7 | 21 |
| | 1325 | 1.2 | 37 |
| | 1934 | 0.2 | 6 |
| 29 Su | 0241 | 2.1 | 64 |
| | 1016 | 0.6 | 18 |
| | 1427 | 1.1 | 34 |
| | 2024 | 0.2 | 6 |
| 30 M | 0337 | 2.2 | 67 |
| | 1119 | 0.6 | 18 |
| | 1531 | 1.1 | 34 |
| | 2120 | 0.2 | 6 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Baltimore, Maryland, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0434 | 2.2 | 67 | 16 W | 0521 | 1.9 | 58 |
| | 1214 | 0.5 | 15 | | 1244 | 0.6 | 18 |
| | 1635 | 1.1 | 34 | | 1720 | 1.1 | 34 |
| | 2220 | 0.2 | 6 | | 2252 | 0.4 | 12 |
| 2 W ● | 0529 | 2.2 | 67 | 17 Th | 0558 | 1.9 | 58 |
| | 1303 | 0.4 | 12 | | 1317 | 0.6 | 18 |
| | 1737 | 1.1 | 34 | | 1806 | 1.2 | 37 |
| | 2324 | 0.2 | 6 | | 2341 | 0.5 | 15 |
| 3 Th | 0624 | 2.2 | 67 | 18 F ○ | 0633 | 1.9 | 58 |
| | 1350 | 0.4 | 12 | | 1348 | 0.5 | 15 |
| | 1835 | 1.2 | 37 | | 1850 | 1.2 | 37 |
| 4 F | 0028 | 0.2 | 6 | 19 Sa | 0027 | 0.5 | 15 |
| | 0717 | 2.1 | 64 | | 0708 | 1.9 | 58 |
| | 1434 | 0.4 | 12 | | 1419 | 0.5 | 15 |
| | 1932 | 1.3 | 40 | | 1931 | 1.3 | 40 |
| 5 Sa | 0131 | 0.3 | 9 | 20 Su | 0113 | 0.5 | 15 |
| | 0808 | 2.0 | 61 | | 0743 | 1.8 | 55 |
| | 1517 | 0.4 | 12 | | 1448 | 0.5 | 15 |
| | 2028 | 1.4 | 43 | | 2013 | 1.3 | 40 |
| 6 Su | 0234 | 0.4 | 12 | 21 M | 0200 | 0.5 | 15 |
| | 0857 | 1.9 | 58 | | 0818 | 1.8 | 55 |
| | 1558 | 0.4 | 12 | | 1517 | 0.4 | 12 |
| | 2124 | 1.5 | 46 | | 2057 | 1.4 | 43 |
| 7 M | 0337 | 0.5 | 15 | 22 Tu | 0251 | 0.6 | 18 |
| | 0943 | 1.7 | 52 | | 0855 | 1.7 | 52 |
| | 1637 | 0.4 | 12 | | 1546 | 0.4 | 12 |
| | 2222 | 1.6 | 49 | | 2143 | 1.5 | 46 |
| 8 Tu | 0444 | 0.6 | 18 | 23 W | 0349 | 0.7 | 21 |
| | 1028 | 1.6 | 49 | | 0935 | 1.6 | 49 |
| | 1715 | 0.4 | 12 | | 1616 | 0.3 | 9 |
| | 2322 | 1.6 | 49 | | 2233 | 1.7 | 52 |
| 9 W ◐ | 0555 | 0.7 | 21 | 24 Th | 0459 | 0.8 | 24 |
| | 1111 | 1.4 | 43 | | 1017 | 1.5 | 46 |
| | 1751 | 0.3 | 9 | | 1648 | 0.3 | 9 |
| | | | | | 2326 | 1.8 | 55 |
| 10 Th | 0022 | 1.7 | 52 | 25 F ◑ | 0619 | 0.8 | 24 |
| | 0711 | 0.8 | 24 | | 1105 | 1.4 | 43 |
| | 1155 | 1.3 | 40 | | 1726 | 0.2 | 6 |
| | 1825 | 0.3 | 9 | | | | |
| 11 F | 0122 | 1.8 | 55 | 26 Sa | 0022 | 1.9 | 58 |
| | 0828 | 0.8 | 24 | | 0743 | 0.8 | 24 |
| | 1243 | 1.2 | 37 | | 1200 | 1.2 | 37 |
| | 1901 | 0.3 | 9 | | 1810 | 0.2 | 6 |
| 12 Sa | 0219 | 1.8 | 55 | 27 Su | 0121 | 2.0 | 61 |
| | 0938 | 0.8 | 24 | | 0901 | 0.7 | 21 |
| | 1335 | 1.1 | 34 | | 1302 | 1.1 | 34 |
| | 1940 | 0.3 | 9 | | 1903 | 0.2 | 6 |
| 13 Su | 0311 | 1.9 | 58 | 28 M | 0221 | 2.1 | 64 |
| | 1039 | 0.7 | 21 | | 1007 | 0.7 | 21 |
| | 1433 | 1.0 | 30 | | 1410 | 1.1 | 34 |
| | 2024 | 0.4 | 12 | | 2005 | 0.2 | 6 |
| 14 M | 0358 | 1.9 | 58 | 29 Tu | 0323 | 2.1 | 64 |
| | 1128 | 0.7 | 21 | | 1104 | 0.6 | 18 |
| | 1532 | 1.0 | 30 | | 1518 | 1.1 | 34 |
| | 2112 | 0.4 | 12 | | 2113 | 0.2 | 6 |
| 15 Tu | 0441 | 1.9 | 58 | 30 W | 0423 | 2.1 | 64 |
| | 1209 | 0.6 | 18 | | 1154 | 0.5 | 15 |
| | 1628 | 1.0 | 30 | | 1623 | 1.2 | 37 |
| | 2202 | 0.4 | 12 | | 2222 | 0.2 | 6 |
| | | | | 31 Th | 0520 | 2.1 | 64 |
| | | | | | 1239 | 0.5 | 15 |
| | | | | | 1723 | 1.3 | 40 |
| | | | | | 2327 | 0.3 | 9 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 F ● | 0614 | 2.1 | 64 | 16 Sa ○ | 0605 | 1.8 | 55 |
| | 1321 | 0.5 | 15 | | 1304 | 0.6 | 18 |
| | 1820 | 1.4 | 43 | | 1821 | 1.4 | 43 |
| 2 Sa | 0029 | 0.3 | 9 | 17 Su | 0017 | 0.5 | 15 |
| | 0702 | 2.0 | 61 | | 0639 | 1.8 | 55 |
| | 1401 | 0.5 | 15 | | 1333 | 0.5 | 15 |
| | 1914 | 1.5 | 46 | | 1903 | 1.5 | 46 |
| 3 Su | 0128 | 0.4 | 12 | 18 M | 0104 | 0.5 | 15 |
| | 0747 | 1.9 | 58 | | 0713 | 1.8 | 55 |
| | 1438 | 0.4 | 12 | | 1401 | 0.4 | 12 |
| | 2007 | 1.6 | 49 | | 1946 | 1.6 | 49 |
| 4 M | 0225 | 0.4 | 12 | 19 Tu | 0155 | 0.6 | 18 |
| | 0829 | 1.8 | 55 | | 0749 | 1.8 | 55 |
| | 1513 | 0.4 | 12 | | 1428 | 0.4 | 12 |
| | 2101 | 1.6 | 49 | | 2030 | 1.7 | 52 |
| 5 Tu | 0323 | 0.6 | 18 | 20 W | 0251 | 0.7 | 21 |
| | 0908 | 1.7 | 52 | | 0827 | 1.7 | 52 |
| | 1546 | 0.4 | 12 | | 1457 | 0.3 | 9 |
| | 2154 | 1.7 | 52 | | 2117 | 1.8 | 55 |
| 6 W | 0425 | 0.7 | 21 | 21 Th | 0354 | 0.7 | 21 |
| | 0946 | 1.5 | 46 | | 0908 | 1.5 | 46 |
| | 1617 | 0.4 | 12 | | 1529 | 0.3 | 9 |
| | 2249 | 1.7 | 52 | | 2207 | 1.9 | 58 |
| 7 Th | 0534 | 0.8 | 24 | 22 F | 0505 | 0.8 | 24 |
| | 1026 | 1.4 | 43 | | 0953 | 1.4 | 43 |
| | 1648 | 0.3 | 9 | | 1606 | 0.2 | 6 |
| | 2344 | 1.8 | 55 | | 2301 | 2.0 | 61 |
| 8 F ◐ | 0648 | 0.9 | 27 | 23 Sa ◑ | 0622 | 0.8 | 24 |
| | 1108 | 1.3 | 40 | | 1045 | 1.3 | 40 |
| | 1723 | 0.3 | 9 | | 1651 | 0.2 | 6 |
| | | | | | 2359 | 2.0 | 61 |
| 9 Sa | 0039 | 1.8 | 55 | 24 Su | 0739 | 0.8 | 24 |
| | 0802 | 0.9 | 27 | | 1146 | 1.2 | 37 |
| | 1157 | 1.2 | 37 | | 1745 | 0.3 | 9 |
| | 1803 | 0.4 | 12 | | | | |
| 10 Su | 0135 | 1.8 | 55 | 25 M | 0101 | 2.1 | 64 |
| | 0909 | 0.9 | 27 | | 0848 | 0.7 | 21 |
| | 1255 | 1.1 | 34 | | 1253 | 1.2 | 37 |
| | 1852 | 0.4 | 12 | | 1852 | 0.3 | 9 |
| 11 M | 0230 | 1.8 | 55 | 26 Tu | 0207 | 2.0 | 61 |
| | 1004 | 0.8 | 24 | | 0947 | 0.7 | 21 |
| | 1359 | 1.1 | 34 | | 1404 | 1.2 | 37 |
| | 1948 | 0.5 | 15 | | 2007 | 0.3 | 9 |
| 12 Tu | 0321 | 1.8 | 55 | 27 W | 0313 | 2.0 | 61 |
| | 1049 | 0.8 | 24 | | 1039 | 0.6 | 18 |
| | 1502 | 1.1 | 34 | | 1511 | 1.3 | 40 |
| | 2047 | 0.5 | 15 | | 2122 | 0.3 | 9 |
| 13 W | 0409 | 1.8 | 55 | 28 Th | 0415 | 2.0 | 61 |
| | 1128 | 0.7 | 21 | | 1126 | 0.6 | 18 |
| | 1600 | 1.2 | 37 | | 1614 | 1.4 | 43 |
| | 2145 | 0.5 | 15 | | 2230 | 0.3 | 9 |
| 14 Th | 0451 | 1.8 | 55 | 29 F | 0509 | 2.0 | 61 |
| | 1202 | 0.7 | 21 | | 1208 | 0.6 | 18 |
| | 1651 | 1.2 | 37 | | 1712 | 1.5 | 46 |
| | 2239 | 0.5 | 15 | | 2332 | 0.3 | 9 |
| 15 F | 0529 | 1.8 | 55 | 30 Sa ● | 0557 | 1.9 | 58 |
| | 1234 | 0.6 | 18 | | 1246 | 0.5 | 15 |
| | 1737 | 1.3 | 40 | | 1806 | 1.6 | 49 |
| | 2329 | 0.5 | 15 | | | | |
| | | | | 31 Su | 0029 | 0.4 | 12 |
| | | | | | 0639 | 1.9 | 58 |
| | | | | | 1321 | 0.5 | 15 |
| | | | | | 1857 | 1.7 | 52 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0123 | 0.5 | 15 | 16 Tu | 0100 | 0.6 | 18 |
| | 0718 | 1.8 | 55 | | 0640 | 1.7 | 52 |
| | 1353 | 0.4 | 12 | | 1308 | 0.3 | 9 |
| | 1947 | 1.7 | 52 | | 1919 | 1.8 | 55 |
| 2 Tu | 0217 | 0.6 | 18 | 17 W | 0156 | 0.6 | 18 |
| | 0754 | 1.7 | 52 | | 0719 | 1.6 | 49 |
| | 1421 | 0.4 | 12 | | 1338 | 0.3 | 9 |
| | 2035 | 1.8 | 55 | | 2005 | 2.0 | 61 |
| 3 W | 0312 | 0.7 | 21 | 18 Th | 0255 | 0.6 | 18 |
| | 0830 | 1.5 | 46 | | 0801 | 1.5 | 46 |
| | 1448 | 0.4 | 12 | | 1412 | 0.2 | 6 |
| | 2123 | 1.8 | 55 | | 2052 | 2.0 | 61 |
| 4 Th | 0410 | 0.8 | 24 | 19 F | 0400 | 0.7 | 21 |
| | 0907 | 1.4 | 43 | | 0846 | 1.4 | 43 |
| | 1517 | 0.4 | 12 | | 1450 | 0.2 | 6 |
| | 2210 | 1.9 | 58 | | 2143 | 2.1 | 64 |
| 5 F | 0513 | 0.9 | 27 | 20 Sa | 0508 | 0.7 | 21 |
| | 0946 | 1.3 | 40 | | 0938 | 1.3 | 40 |
| | 1549 | 0.4 | 12 | | 1535 | 0.2 | 6 |
| | 2258 | 1.8 | 55 | | 2239 | 2.1 | 64 |
| 6 Sa | 0619 | 0.9 | 27 | 21 Su | 0617 | 0.7 | 21 |
| | 1031 | 1.2 | 37 | | 1036 | 1.2 | 37 |
| | 1628 | 0.4 | 12 | | 1631 | 0.3 | 9 |
| | 2349 | 1.8 | 55 | | 2340 | 2.0 | 61 |
| 7 Su ◐ | 0724 | 0.9 | 27 | 22 M ◑ | 0724 | 0.7 | 21 |
| | 1123 | 1.2 | 37 | | 1141 | 1.2 | 37 |
| | 1716 | 0.5 | 15 | | 1739 | 0.4 | 12 |
| 8 M | 0043 | 1.8 | 55 | 23 Tu | 0047 | 2.0 | 61 |
| | 0824 | 0.9 | 27 | | 0825 | 0.7 | 21 |
| | 1224 | 1.1 | 34 | | 1251 | 1.2 | 37 |
| | 1814 | 0.5 | 15 | | 1858 | 0.4 | 12 |
| 9 Tu | 0140 | 1.7 | 52 | 24 W | 0156 | 1.9 | 58 |
| | 0914 | 0.8 | 24 | | 0919 | 0.6 | 18 |
| | 1329 | 1.2 | 37 | | 1400 | 1.3 | 40 |
| | 1919 | 0.5 | 15 | | 2018 | 0.4 | 12 |
| 10 W | 0235 | 1.7 | 52 | 25 Th | 0302 | 1.9 | 58 |
| | 0958 | 0.8 | 24 | | 1008 | 0.6 | 18 |
| | 1431 | 1.2 | 37 | | 1506 | 1.4 | 43 |
| | 2025 | 0.6 | 18 | | 2131 | 0.4 | 12 |
| 11 Th | 0326 | 1.7 | 52 | 26 F | 0359 | 1.8 | 55 |
| | 1036 | 0.7 | 21 | | 1051 | 0.5 | 15 |
| | 1529 | 1.3 | 40 | | 1607 | 1.5 | 46 |
| | 2126 | 0.6 | 18 | | 2235 | 0.4 | 12 |
| 12 F | 0410 | 1.8 | 55 | 27 Sa | 0447 | 1.8 | 55 |
| | 1110 | 0.7 | 21 | | 1130 | 0.5 | 15 |
| | 1620 | 1.4 | 43 | | 1702 | 1.6 | 49 |
| | 2222 | 0.5 | 15 | | 2334 | 0.4 | 12 |
| 13 Sa | 0450 | 1.8 | 55 | 28 Su | 0529 | 1.7 | 52 |
| | 1141 | 0.6 | 18 | | 1205 | 0.4 | 12 |
| | 1707 | 1.5 | 46 | | 1753 | 1.7 | 52 |
| | 2315 | 0.5 | 15 | | | | |
| 14 Su | 0527 | 1.8 | 55 | 29 M ● | 0028 | 0.5 | 15 |
| | 1211 | 0.5 | 15 | | 0607 | 1.6 | 49 |
| | 1752 | 1.6 | 49 | | 1235 | 0.4 | 12 |
| | | | | | 1841 | 1.8 | 55 |
| 15 M ○ | 0007 | 0.6 | 18 | 30 Tu | 0121 | 0.5 | 15 |
| | 0603 | 1.7 | 52 | | 0643 | 1.5 | 46 |
| | 1240 | 0.4 | 12 | | 1302 | 0.3 | 9 |
| | 1835 | 1.7 | 52 | | 1926 | 1.8 | 55 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Baltimore, Maryland, 2008

## Times and Heights of High and Low Waters

### October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0213 | 0.6 | 18 |
| | 0719 | 1.4 | 43 |
| | 1328 | 0.3 | 9 |
| | 2008 | 1.9 | 58 |
| **2** Th | 0304 | 0.7 | 21 |
| | 0755 | 1.3 | 40 |
| | 1355 | 0.3 | 9 |
| | 2049 | 1.9 | 58 |
| **3** F | 0356 | 0.7 | 21 |
| | 0834 | 1.2 | 37 |
| | 1426 | 0.3 | 9 |
| | 2130 | 1.8 | 55 |
| **4** Sa | 0449 | 0.8 | 24 |
| | 0916 | 1.2 | 37 |
| | 1503 | 0.3 | 9 |
| | 2213 | 1.8 | 55 |
| **5** Su | 0543 | 0.8 | 24 |
| | 1003 | 1.1 | 34 |
| | 1548 | 0.4 | 12 |
| | 2300 | 1.7 | 52 |
| **6** M | 0636 | 0.8 | 24 |
| | 1057 | 1.1 | 34 |
| | 1640 | 0.5 | 15 |
| | 2351 | 1.7 | 52 |
| **7** Tu ◐ | 0728 | 0.8 | 24 |
| | 1155 | 1.1 | 34 |
| | 1742 | 0.5 | 15 |
| **8** W | 0046 | 1.6 | 49 |
| | 0815 | 0.7 | 21 |
| | 1257 | 1.2 | 37 |
| | 1850 | 0.5 | 15 |
| **9** Th | 0141 | 1.6 | 49 |
| | 0858 | 0.7 | 21 |
| | 1358 | 1.2 | 37 |
| | 1958 | 0.6 | 18 |
| **10** F | 0232 | 1.6 | 49 |
| | 0936 | 0.6 | 18 |
| | 1455 | 1.3 | 40 |
| | 2103 | 0.5 | 15 |
| **11** Sa | 0319 | 1.6 | 49 |
| | 1011 | 0.5 | 15 |
| | 1548 | 1.4 | 43 |
| | 2204 | 0.5 | 15 |
| **12** Su | 0401 | 1.6 | 49 |
| | 1043 | 0.4 | 12 |
| | 1636 | 1.5 | 46 |
| | 2303 | 0.5 | 15 |
| **13** M | 0442 | 1.5 | 46 |
| | 1114 | 0.3 | 9 |
| | 1723 | 1.7 | 52 |
| **14** Tu ○ | 0001 | 0.5 | 15 |
| | 0524 | 1.5 | 46 |
| | 1145 | 0.2 | 6 |
| | 1808 | 1.9 | 58 |
| **15** W | 0059 | 0.5 | 15 |
| | 0606 | 1.4 | 43 |
| | 1218 | 0.1 | 3 |
| | 1854 | 2.0 | 61 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0158 | 0.5 | 15 |
| | 0651 | 1.3 | 40 |
| | 1255 | 0.1 | 3 |
| | 1941 | 2.1 | 64 |
| **17** F | 0257 | 0.5 | 15 |
| | 0739 | 1.2 | 37 |
| | 1336 | 0.1 | 3 |
| | 2031 | 2.1 | 64 |
| **18** Sa | 0358 | 0.5 | 15 |
| | 0831 | 1.1 | 34 |
| | 1424 | 0.1 | 3 |
| | 2124 | 2.0 | 61 |
| **19** Su | 0458 | 0.5 | 15 |
| | 0928 | 1.1 | 34 |
| | 1520 | 0.2 | 6 |
| | 2223 | 2.0 | 61 |
| **20** M | 0559 | 0.5 | 15 |
| | 1030 | 1.1 | 34 |
| | 1627 | 0.2 | 6 |
| | 2326 | 1.8 | 55 |
| **21** Tu ◑ | 0658 | 0.5 | 15 |
| | 1136 | 1.1 | 34 |
| | 1744 | 0.3 | 9 |
| **22** W | 0033 | 1.7 | 52 |
| | 0754 | 0.5 | 15 |
| | 1245 | 1.2 | 37 |
| | 1905 | 0.3 | 9 |
| **23** Th | 0138 | 1.7 | 52 |
| | 0845 | 0.5 | 15 |
| | 1354 | 1.3 | 40 |
| | 2022 | 0.3 | 9 |
| **24** F | 0238 | 1.6 | 49 |
| | 0931 | 0.4 | 12 |
| | 1459 | 1.4 | 43 |
| | 2132 | 0.4 | 12 |
| **25** Sa | 0329 | 1.5 | 46 |
| | 1011 | 0.3 | 9 |
| | 1559 | 1.5 | 46 |
| | 2236 | 0.4 | 12 |
| **26** Su | 0413 | 1.4 | 43 |
| | 1047 | 0.3 | 9 |
| | 1652 | 1.6 | 49 |
| | 2334 | 0.4 | 12 |
| **27** M | 0454 | 1.3 | 40 |
| | 1119 | 0.2 | 6 |
| | 1741 | 1.7 | 52 |
| **28** Tu ● | 0029 | 0.4 | 12 |
| | 0532 | 1.3 | 40 |
| | 1147 | 0.2 | 6 |
| | 1824 | 1.7 | 52 |
| **29** W | 0120 | 0.5 | 15 |
| | 0610 | 1.2 | 37 |
| | 1214 | 0.1 | 3 |
| | 1904 | 1.8 | 55 |
| **30** Th | 0209 | 0.5 | 15 |
| | 0648 | 1.1 | 34 |
| | 1242 | 0.1 | 3 |
| | 1942 | 1.8 | 55 |
| **31** F | 0255 | 0.5 | 15 |
| | 0727 | 1.0 | 30 |
| | 1314 | 0.1 | 3 |
| | 2019 | 1.7 | 52 |

### November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0338 | 0.5 | 15 |
| | 0809 | 1.0 | 30 |
| | 1351 | 0.2 | 6 |
| | 2057 | 1.7 | 52 |
| **2** Su | 0421 | 0.6 | 18 |
| | 0853 | 1.0 | 30 |
| | 1432 | 0.2 | 6 |
| | 2137 | 1.6 | 49 |
| **3** M | 0504 | 0.6 | 18 |
| | 0940 | 1.0 | 30 |
| | 1519 | 0.3 | 9 |
| | 2220 | 1.5 | 46 |
| **4** Tu | 0547 | 0.5 | 15 |
| | 1030 | 1.0 | 30 |
| | 1612 | 0.3 | 9 |
| | 2307 | 1.5 | 46 |
| **5** W ◐ | 0632 | 0.5 | 15 |
| | 1126 | 1.0 | 30 |
| | 1711 | 0.4 | 12 |
| | 2357 | 1.4 | 43 |
| **6** Th | 0715 | 0.5 | 15 |
| | 1224 | 1.0 | 30 |
| | 1817 | 0.4 | 12 |
| **7** F | 0047 | 1.4 | 43 |
| | 0756 | 0.4 | 12 |
| | 1323 | 1.1 | 34 |
| | 1927 | 0.4 | 12 |
| **8** Sa | 0136 | 1.4 | 43 |
| | 0833 | 0.3 | 9 |
| | 1421 | 1.2 | 37 |
| | 2039 | 0.4 | 12 |
| **9** Su | 0224 | 1.3 | 40 |
| | 0908 | 0.2 | 6 |
| | 1515 | 1.4 | 43 |
| | 2149 | 0.4 | 12 |
| **10** M | 0311 | 1.2 | 37 |
| | 0943 | 0.1 | 3 |
| | 1606 | 1.5 | 46 |
| | 2255 | 0.4 | 12 |
| **11** Tu | 0359 | 1.2 | 37 |
| | 1018 | 0.0 | 0 |
| | 1655 | 1.7 | 52 |
| | 2358 | 0.3 | 9 |
| **12** W | 0447 | 1.1 | 34 |
| | 1056 | −0.1 | −3 |
| | 1744 | 1.8 | 55 |
| **13** Th ○ | 0057 | 0.3 | 9 |
| | 0537 | 1.0 | 30 |
| | 1138 | −0.1 | −3 |
| | 1832 | 1.9 | 58 |
| **14** F | 0154 | 0.3 | 9 |
| | 0629 | 1.0 | 30 |
| | 1224 | −0.2 | −6 |
| | 1923 | 1.9 | 58 |
| **15** Sa | 0249 | 0.2 | 6 |
| | 0723 | 0.9 | 27 |
| | 1316 | −0.2 | −6 |
| | 2016 | 1.9 | 58 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0344 | 0.2 | 6 |
| | 0819 | 0.9 | 27 |
| | 1413 | −0.1 | −3 |
| | 2111 | 1.8 | 55 |
| **17** M | 0438 | 0.3 | 9 |
| | 0917 | 1.0 | 30 |
| | 1517 | −0.1 | −3 |
| | 2210 | 1.7 | 52 |
| **18** Tu | 0532 | 0.3 | 9 |
| | 1019 | 1.0 | 30 |
| | 1628 | 0.0 | 0 |
| | 2310 | 1.6 | 49 |
| **19** W ◑ | 0625 | 0.2 | 6 |
| | 1125 | 1.0 | 30 |
| | 1743 | 0.1 | 3 |
| **20** Th | 0010 | 1.4 | 43 |
| | 0716 | 0.2 | 6 |
| | 1233 | 1.1 | 34 |
| | 1901 | 0.2 | 6 |
| **21** F | 0107 | 1.3 | 40 |
| | 0803 | 0.1 | 3 |
| | 1342 | 1.2 | 37 |
| | 2016 | 0.2 | 6 |
| **22** Sa | 0159 | 1.2 | 37 |
| | 0847 | 0.1 | 3 |
| | 1448 | 1.3 | 40 |
| | 2127 | 0.3 | 9 |
| **23** Su | 0247 | 1.1 | 34 |
| | 0925 | 0.0 | 0 |
| | 1547 | 1.4 | 43 |
| | 2233 | 0.3 | 9 |
| **24** M | 0333 | 1.0 | 30 |
| | 1000 | 0.0 | 0 |
| | 1639 | 1.5 | 46 |
| | 2332 | 0.3 | 9 |
| **25** Tu | 0416 | 0.9 | 27 |
| | 1032 | −0.1 | −3 |
| | 1725 | 1.5 | 46 |
| **26** W | 0026 | 0.3 | 9 |
| | 0459 | 0.8 | 24 |
| | 1103 | −0.1 | −3 |
| | 1806 | 1.5 | 46 |
| **27** Th ● | 0114 | 0.3 | 9 |
| | 0541 | 0.8 | 24 |
| | 1136 | −0.1 | −3 |
| | 1844 | 1.5 | 46 |
| **28** F | 0158 | 0.3 | 9 |
| | 0624 | 0.8 | 24 |
| | 1211 | −0.1 | −3 |
| | 1920 | 1.5 | 46 |
| **29** Sa | 0237 | 0.3 | 9 |
| | 0706 | 0.8 | 24 |
| | 1250 | −0.1 | −3 |
| | 1955 | 1.5 | 46 |
| **30** Su | 0313 | 0.3 | 9 |
| | 0748 | 0.8 | 24 |
| | 1331 | −0.1 | −3 |
| | 2031 | 1.4 | 43 |

### December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0349 | 0.3 | 9 |
| | 0831 | 0.8 | 24 |
| | 1414 | 0.0 | 0 |
| | 2109 | 1.4 | 43 |
| **2** Tu | 0425 | 0.2 | 6 |
| | 0916 | 0.8 | 24 |
| | 1459 | 0.0 | 0 |
| | 2149 | 1.3 | 40 |
| **3** W | 0502 | 0.2 | 6 |
| | 1003 | 0.8 | 24 |
| | 1548 | 0.1 | 3 |
| | 2230 | 1.3 | 40 |
| **4** Th | 0539 | 0.2 | 6 |
| | 1055 | 0.8 | 24 |
| | 1643 | 0.1 | 3 |
| | 2313 | 1.2 | 37 |
| **5** F ◐ | 0617 | 0.1 | 3 |
| | 1150 | 0.9 | 27 |
| | 1747 | 0.2 | 6 |
| | 2358 | 1.1 | 34 |
| **6** Sa | 0653 | 0.0 | 0 |
| | 1248 | 1.0 | 30 |
| | 1902 | 0.3 | 9 |
| **7** Su | 0045 | 1.1 | 34 |
| | 0730 | −0.1 | −3 |
| | 1346 | 1.1 | 34 |
| | 2022 | 0.3 | 9 |
| **8** M | 0135 | 1.0 | 30 |
| | 0808 | −0.2 | −6 |
| | 1442 | 1.3 | 40 |
| | 2139 | 0.2 | 6 |
| **9** Tu | 0227 | 0.8 | 24 |
| | 0848 | −0.3 | −9 |
| | 1537 | 1.4 | 43 |
| | 2250 | 0.2 | 6 |
| **10** W | 0322 | 0.8 | 24 |
| | 0933 | −0.3 | −9 |
| | 1630 | 1.6 | 49 |
| | 2352 | 0.1 | 3 |
| **11** Th | 0419 | 0.7 | 21 |
| | 1021 | −0.4 | −12 |
| | 1723 | 1.7 | 52 |
| **12** F ○ | 0049 | 0.1 | 3 |
| | 0515 | 0.7 | 21 |
| | 1114 | −0.4 | −12 |
| | 1816 | 1.7 | 52 |
| **13** Sa | 0141 | 0.0 | 0 |
| | 0612 | 0.7 | 21 |
| | 1211 | −0.4 | −12 |
| | 1910 | 1.7 | 52 |
| **14** Su | 0231 | 0.0 | 0 |
| | 0708 | 0.7 | 21 |
| | 1310 | −0.4 | −12 |
| | 2005 | 1.6 | 49 |
| **15** M | 0320 | 0.0 | 0 |
| | 0804 | 0.8 | 24 |
| | 1412 | −0.4 | −12 |
| | 2059 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0409 | 0.0 | 0 |
| | 0902 | 0.8 | 24 |
| | 1515 | −0.3 | −9 |
| | 2153 | 1.4 | 43 |
| **17** W | 0457 | 0.0 | 0 |
| | 1003 | 0.9 | 27 |
| | 1622 | −0.2 | −6 |
| | 2245 | 1.2 | 37 |
| **18** Th | 0544 | −0.1 | −3 |
| | 1107 | 0.9 | 27 |
| | 1733 | −0.1 | −3 |
| | 2336 | 1.1 | 34 |
| **19** F ◑ | 0630 | −0.1 | −3 |
| | 1214 | 1.0 | 30 |
| | 1848 | 0.0 | 0 |
| **20** Sa | 0025 | 1.0 | 30 |
| | 0714 | −0.2 | −6 |
| | 1322 | 1.0 | 30 |
| | 2004 | 0.1 | 3 |
| **21** Su | 0114 | 0.8 | 24 |
| | 0755 | −0.2 | −6 |
| | 1427 | 1.1 | 34 |
| | 2118 | 0.1 | 3 |
| **22** M | 0202 | 0.7 | 21 |
| | 0834 | −0.3 | −9 |
| | 1527 | 1.2 | 37 |
| | 2225 | 0.1 | 3 |
| **23** Tu | 0252 | 0.6 | 18 |
| | 0912 | −0.3 | −9 |
| | 1620 | 1.2 | 37 |
| | 2323 | 0.1 | 3 |
| **24** W | 0342 | 0.6 | 18 |
| | 0951 | −0.3 | −9 |
| | 1706 | 1.3 | 40 |
| **25** Th | 0013 | 0.1 | 3 |
| | 0431 | 0.5 | 15 |
| | 1031 | −0.3 | −9 |
| | 1748 | 1.3 | 40 |
| **26** F | 0056 | 0.1 | 3 |
| | 0518 | 0.5 | 15 |
| | 1113 | −0.3 | −9 |
| | 1826 | 1.2 | 37 |
| **27** Sa | 0134 | 0.1 | 3 |
| | 0603 | 0.6 | 18 |
| | 1155 | −0.3 | −9 |
| | 1901 | 1.2 | 37 |
| **28** Su | 0208 | 0.1 | 3 |
| | 0646 | 0.6 | 18 |
| | 1238 | −0.3 | −9 |
| | 1936 | 1.2 | 37 |
| **29** M | 0241 | 0.0 | 0 |
| | 0727 | 0.6 | 18 |
| | 1319 | −0.3 | −9 |
| | 2010 | 1.2 | 37 |
| **30** Tu | 0312 | 0.0 | 0 |
| | 0808 | 0.6 | 18 |
| | 1401 | −0.2 | −6 |
| | 2044 | 1.2 | 37 |
| **31** W | 0344 | 0.0 | 0 |
| | 0851 | 0.7 | 21 |
| | 1444 | −0.2 | −6 |
| | 2119 | 1.1 | 34 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Washington, D.C., 2008

## Times and Heights of High and Low Waters

### January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0219 | 2.2 | 67 |
| | 0851 | −0.1 | −3 |
| | 1444 | 2.5 | 76 |
| | 2145 | 0.1 | 3 |
| **2** W | 0313 | 2.2 | 67 |
| | 0936 | 0.0 | 0 |
| | 1535 | 2.5 | 76 |
| | 2240 | 0.1 | 3 |
| **3** Th | 0407 | 2.1 | 64 |
| | 1024 | 0.0 | 0 |
| | 1625 | 2.5 | 76 |
| | 2333 | 0.1 | 3 |
| **4** F | 0459 | 2.1 | 64 |
| | 1114 | 0.0 | 0 |
| | 1713 | 2.5 | 76 |
| **5** Sa | 0024 | 0.0 | 0 |
| | 0548 | 2.2 | 67 |
| | 1205 | 0.0 | 0 |
| | 1759 | 2.5 | 76 |
| **6** Su | 0112 | 0.0 | 0 |
| | 0633 | 2.2 | 67 |
| | 1255 | 0.0 | 0 |
| | 1842 | 2.5 | 76 |
| **7** M | 0157 | 0.0 | 0 |
| | 0716 | 2.2 | 67 |
| | 1343 | −0.1 | −3 |
| | 1922 | 2.6 | 79 |
| **8** Tu ● | 0240 | −0.1 | −3 |
| | 0755 | 2.3 | 70 |
| | 1429 | −0.1 | −3 |
| | 2000 | 2.6 | 79 |
| **9** W | 0321 | −0.1 | −3 |
| | 0832 | 2.3 | 70 |
| | 1513 | −0.1 | −3 |
| | 2038 | 2.7 | 82 |
| **10** Th | 0359 | −0.2 | −6 |
| | 0907 | 2.4 | 73 |
| | 1556 | −0.2 | −6 |
| | 2117 | 2.7 | 82 |
| **11** F | 0437 | −0.2 | −6 |
| | 0944 | 2.5 | 76 |
| | 1640 | −0.2 | −6 |
| | 2158 | 2.7 | 82 |
| **12** Sa | 0513 | −0.2 | −6 |
| | 1024 | 2.6 | 79 |
| | 1726 | −0.1 | −3 |
| | 2242 | 2.7 | 82 |
| **13** Su | 0551 | −0.3 | −9 |
| | 1108 | 2.7 | 82 |
| | 1816 | −0.1 | −3 |
| | 2331 | 2.6 | 79 |
| **14** M | 0630 | −0.3 | −9 |
| | 1156 | 2.7 | 82 |
| | 1911 | −0.1 | −3 |
| **15** Tu ◐ | 0024 | 2.5 | 76 |
| | 0714 | −0.2 | −6 |
| | 1249 | 2.8 | 85 |
| | 2013 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0123 | 2.4 | 73 |
| | 0804 | −0.2 | −6 |
| | 1347 | 2.8 | 85 |
| | 2120 | 0.0 | 0 |
| **17** Th | 0228 | 2.3 | 70 |
| | 0903 | −0.2 | −6 |
| | 1449 | 2.8 | 85 |
| | 2228 | −0.1 | −3 |
| **18** F | 0335 | 2.3 | 70 |
| | 1011 | −0.1 | −3 |
| | 1553 | 2.8 | 85 |
| | 2333 | −0.1 | −3 |
| **19** Sa | 0439 | 2.3 | 70 |
| | 1122 | −0.1 | −3 |
| | 1657 | 2.8 | 85 |
| **20** Su | 0034 | −0.2 | −6 |
| | 0540 | 2.3 | 70 |
| | 1229 | −0.2 | −6 |
| | 1759 | 2.8 | 85 |
| **21** M | 0130 | −0.3 | −9 |
| | 0637 | 2.4 | 73 |
| | 1330 | −0.3 | −9 |
| | 1857 | 2.9 | 88 |
| **22** Tu ○ | 0223 | −0.4 | −12 |
| | 0731 | 2.5 | 76 |
| | 1427 | −0.4 | −12 |
| | 1952 | 2.9 | 88 |
| **23** W | 0312 | −0.4 | −12 |
| | 0822 | 2.6 | 79 |
| | 1519 | −0.4 | −12 |
| | 2044 | 2.8 | 85 |
| **24** Th | 0358 | −0.4 | −12 |
| | 0910 | 2.6 | 79 |
| | 1609 | −0.4 | −12 |
| | 2133 | 2.8 | 85 |
| **25** F | 0441 | −0.4 | −12 |
| | 0958 | 2.7 | 82 |
| | 1658 | −0.3 | −9 |
| | 2220 | 2.7 | 82 |
| **26** Sa | 0522 | −0.3 | −9 |
| | 1044 | 2.7 | 82 |
| | 1745 | −0.3 | −9 |
| | 2307 | 2.6 | 79 |
| **27** Su | 0600 | −0.2 | −6 |
| | 1129 | 2.7 | 82 |
| | 1831 | −0.1 | −3 |
| | 2355 | 2.5 | 76 |
| **28** M | 0636 | −0.1 | −3 |
| | 1215 | 2.6 | 79 |
| | 1919 | 0.0 | 0 |
| **29** Tu | 0044 | 2.3 | 70 |
| | 0712 | −0.1 | −3 |
| | 1301 | 2.6 | 79 |
| | 2008 | 0.1 | 3 |
| **30** W ◑ | 0135 | 2.2 | 67 |
| | 0749 | 0.0 | 0 |
| | 1350 | 2.5 | 76 |
| | 2100 | 0.2 | 6 |
| **31** Th | 0230 | 2.1 | 64 |
| | 0833 | 0.1 | 3 |
| | 1442 | 2.5 | 76 |
| | 2154 | 0.2 | 6 |

### February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0325 | 2.1 | 64 |
| | 0926 | 0.1 | 3 |
| | 1536 | 2.4 | 73 |
| | 2250 | 0.2 | 6 |
| **2** Sa | 0419 | 2.1 | 64 |
| | 1026 | 0.2 | 6 |
| | 1630 | 2.4 | 73 |
| | 2345 | 0.2 | 6 |
| **3** Su | 0511 | 2.2 | 67 |
| | 1128 | 0.1 | 3 |
| | 1722 | 2.5 | 76 |
| **4** M | 0036 | 0.2 | 6 |
| | 0600 | 2.2 | 67 |
| | 1226 | 0.1 | 3 |
| | 1811 | 2.5 | 76 |
| **5** Tu | 0124 | 0.1 | 3 |
| | 0644 | 2.3 | 70 |
| | 1319 | 0.0 | 0 |
| | 1856 | 2.6 | 79 |
| **6** W ● | 0209 | 0.0 | 0 |
| | 0725 | 2.4 | 73 |
| | 1409 | −0.1 | −3 |
| | 1938 | 2.7 | 82 |
| **7** Th | 0251 | −0.1 | −3 |
| | 0804 | 2.5 | 76 |
| | 1457 | −0.1 | −3 |
| | 2018 | 2.7 | 82 |
| **8** F | 0330 | −0.2 | −6 |
| | 0841 | 2.6 | 79 |
| | 1543 | −0.2 | −6 |
| | 2059 | 2.8 | 85 |
| **9** Sa | 0408 | −0.2 | −6 |
| | 0920 | 2.8 | 85 |
| | 1629 | −0.2 | −6 |
| | 2141 | 2.8 | 85 |
| **10** Su | 0445 | −0.2 | −6 |
| | 1001 | 2.9 | 88 |
| | 1717 | −0.2 | −6 |
| | 2226 | 2.7 | 82 |
| **11** M | 0524 | −0.2 | −6 |
| | 1045 | 3.0 | 91 |
| | 1808 | −0.1 | −3 |
| | 2315 | 2.6 | 79 |
| **12** Tu | 0605 | −0.2 | −6 |
| | 1133 | 3.0 | 91 |
| | 1902 | −0.1 | −3 |
| **13** W ◐ | 0009 | 2.5 | 76 |
| | 0652 | −0.1 | −3 |
| | 1225 | 3.0 | 91 |
| | 2002 | 0.0 | 0 |
| **14** Th | 0108 | 2.4 | 73 |
| | 0747 | 0.0 | 0 |
| | 1324 | 2.9 | 88 |
| | 2106 | 0.0 | 0 |
| **15** F | 0214 | 2.4 | 73 |
| | 0852 | 0.0 | 0 |
| | 1430 | 2.8 | 85 |
| | 2212 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0321 | 2.4 | 73 |
| | 1005 | 0.1 | 3 |
| | 1540 | 2.8 | 85 |
| | 2316 | 0.0 | 0 |
| **17** Su | 0426 | 2.4 | 73 |
| | 1116 | 0.0 | 0 |
| | 1648 | 2.8 | 85 |
| **18** M | 0015 | 0.0 | 0 |
| | 0527 | 2.5 | 76 |
| | 1220 | −0.1 | −3 |
| | 1750 | 2.8 | 85 |
| **19** Tu | 0110 | −0.1 | −3 |
| | 0623 | 2.6 | 79 |
| | 1319 | −0.2 | −6 |
| | 1847 | 2.9 | 88 |
| **20** W ○ | 0200 | −0.2 | −6 |
| | 0714 | 2.7 | 82 |
| | 1413 | −0.3 | −9 |
| | 1939 | 2.9 | 88 |
| **21** Th | 0246 | −0.2 | −6 |
| | 0802 | 2.8 | 85 |
| | 1503 | −0.3 | −9 |
| | 2027 | 2.9 | 88 |
| **22** F | 0329 | −0.2 | −6 |
| | 0848 | 2.9 | 88 |
| | 1550 | −0.3 | −9 |
| | 2112 | 2.8 | 85 |
| **23** Sa | 0408 | −0.2 | −6 |
| | 0930 | 2.9 | 88 |
| | 1635 | −0.2 | −6 |
| | 2155 | 2.8 | 85 |
| **24** Su | 0444 | −0.1 | −3 |
| | 1011 | 2.9 | 88 |
| | 1718 | −0.1 | −3 |
| | 2238 | 2.7 | 82 |
| **25** M | 0517 | 0.0 | 0 |
| | 1050 | 2.9 | 88 |
| | 1800 | 0.0 | 0 |
| | 2321 | 2.6 | 79 |
| **26** Tu | 0547 | 0.1 | 3 |
| | 1129 | 2.9 | 88 |
| | 1841 | 0.2 | 6 |
| **27** W | 0005 | 2.5 | 76 |
| | 0618 | 0.1 | 3 |
| | 1209 | 2.8 | 85 |
| | 1923 | 0.3 | 9 |
| **28** Th ◑ | 0052 | 2.4 | 73 |
| | 0656 | 0.2 | 6 |
| | 1253 | 2.7 | 82 |
| | 2009 | 0.4 | 12 |
| **29** F | 0144 | 2.3 | 70 |
| | 0743 | 0.3 | 9 |
| | 1343 | 2.6 | 79 |
| | 2102 | 0.5 | 15 |

### March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0239 | 2.3 | 70 |
| | 0838 | 0.3 | 9 |
| | 1441 | 2.5 | 76 |
| | 2201 | 0.5 | 15 |
| **2** Su | 0336 | 2.3 | 70 |
| | 0942 | 0.4 | 12 |
| | 1543 | 2.5 | 76 |
| | 2259 | 0.4 | 12 |
| **3** M | 0430 | 2.4 | 73 |
| | 1051 | 0.3 | 9 |
| | 1642 | 2.6 | 79 |
| | 2354 | 0.4 | 12 |
| **4** Tu | 0521 | 2.5 | 76 |
| | 1155 | 0.3 | 9 |
| | 1736 | 2.7 | 82 |
| **5** W | 0045 | 0.3 | 9 |
| | 0607 | 2.6 | 79 |
| | 1253 | 0.2 | 6 |
| | 1824 | 2.8 | 85 |
| **6** Th | 0131 | 0.2 | 6 |
| | 0650 | 2.7 | 82 |
| | 1347 | 0.1 | 3 |
| | 1910 | 2.8 | 85 |
| **7** F ● | 0214 | 0.1 | 3 |
| | 0731 | 2.9 | 88 |
| | 1437 | 0.0 | 0 |
| | 1954 | 2.9 | 88 |
| **8** Sa | 0255 | 0.0 | 0 |
| | 0812 | 3.1 | 94 |
| | 1527 | −0.1 | −3 |
| | 2038 | 2.9 | 88 |
| **9** Su | 0335 | −0.1 | −3 |
| | 0853 | 3.2 | 98 |
| | 1616 | −0.1 | −3 |
| | 2123 | 2.9 | 88 |
| **10** M | 0416 | −0.1 | −3 |
| | 0936 | 3.3 | 101 |
| | 1705 | −0.1 | −3 |
| | 2210 | 2.9 | 88 |
| **11** Tu | 0459 | 0.0 | 0 |
| | 1022 | 3.3 | 101 |
| | 1757 | 0.0 | 0 |
| | 2301 | 2.8 | 85 |
| **12** W | 0547 | 0.0 | 0 |
| | 1112 | 3.3 | 101 |
| | 1852 | 0.0 | 0 |
| | 2356 | 2.7 | 82 |
| **13** Th | 0640 | 0.1 | 3 |
| | 1207 | 3.2 | 98 |
| | 1950 | 0.1 | 3 |
| **14** F ◐ | 0058 | 2.6 | 79 |
| | 0741 | 0.2 | 6 |
| | 1310 | 3.0 | 91 |
| | 2052 | 0.2 | 6 |
| **15** Sa | 0204 | 2.6 | 79 |
| | 0850 | 0.3 | 9 |
| | 1420 | 2.9 | 88 |
| | 2155 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0310 | 2.6 | 79 |
| | 1000 | 0.3 | 9 |
| | 1532 | 2.9 | 88 |
| | 2255 | 0.2 | 6 |
| **17** M | 0414 | 2.7 | 82 |
| | 1106 | 0.2 | 6 |
| | 1639 | 2.9 | 88 |
| | 2352 | 0.2 | 6 |
| **18** Tu | 0512 | 2.8 | 85 |
| | 1208 | 0.1 | 3 |
| | 1738 | 2.9 | 88 |
| **19** W | 0044 | 0.1 | 3 |
| | 0606 | 2.9 | 88 |
| | 1304 | 0.0 | 0 |
| | 1832 | 3.0 | 91 |
| **20** Th | 0132 | 0.0 | 0 |
| | 0654 | 3.1 | 94 |
| | 1355 | 0.0 | 0 |
| | 1920 | 3.0 | 91 |
| **21** F ○ | 0216 | 0.0 | 0 |
| | 0739 | 3.2 | 98 |
| | 1443 | −0.1 | −3 |
| | 2005 | 3.0 | 91 |
| **22** Sa | 0256 | 0.1 | 3 |
| | 0821 | 3.2 | 98 |
| | 1528 | 0.0 | 0 |
| | 2048 | 2.9 | 88 |
| **23** Su | 0332 | 0.1 | 3 |
| | 0900 | 3.2 | 98 |
| | 1611 | 0.1 | 3 |
| | 2129 | 2.8 | 85 |
| **24** M | 0405 | 0.2 | 6 |
| | 0936 | 3.2 | 98 |
| | 1651 | 0.2 | 6 |
| | 2209 | 2.8 | 85 |
| **25** Tu | 0434 | 0.3 | 9 |
| | 1011 | 3.2 | 98 |
| | 1729 | 0.3 | 9 |
| | 2249 | 2.7 | 82 |
| **26** W | 0503 | 0.3 | 9 |
| | 1045 | 3.1 | 94 |
| | 1805 | 0.4 | 12 |
| | 2329 | 2.6 | 79 |
| **27** Th | 0538 | 0.4 | 12 |
| | 1122 | 3.0 | 91 |
| | 1842 | 0.5 | 15 |
| **28** F | 0012 | 2.6 | 79 |
| | 0619 | 0.5 | 15 |
| | 1203 | 2.9 | 88 |
| | 1923 | 0.6 | 18 |
| **29** Sa ◑ | 0059 | 2.6 | 79 |
| | 0707 | 0.5 | 15 |
| | 1252 | 2.8 | 85 |
| | 2012 | 0.6 | 18 |
| **30** Su | 0151 | 2.5 | 76 |
| | 0803 | 0.6 | 18 |
| | 1350 | 2.8 | 85 |
| | 2109 | 0.6 | 18 |
| **31** M | 0248 | 2.6 | 79 |
| | 0906 | 0.6 | 18 |
| | 1455 | 2.7 | 82 |
| | 2208 | 0.6 | 18 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Washington, D.C., 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0345 | 2.6 | 79 |
| | 1016 | 0.5 | 15 |
| | 1558 | 2.8 | 85 |
| | 2305 | 0.5 | 15 |
| **2** W | 0438 | 2.8 | 85 |
| | 1124 | 0.5 | 15 |
| | 1656 | 2.8 | 85 |
| | 2357 | 0.4 | 12 |
| **3** Th | 0527 | 2.9 | 88 |
| | 1226 | 0.4 | 12 |
| | 1749 | 2.9 | 88 |
| **4** F | 0046 | 0.3 | 9 |
| | 0613 | 3.1 | 94 |
| | 1323 | 0.2 | 6 |
| | 1839 | 3.0 | 91 |
| **5** Sa ● | 0132 | 0.2 | 6 |
| | 0657 | 3.3 | 101 |
| | 1417 | 0.1 | 3 |
| | 1927 | 3.0 | 91 |
| **6** Su | 0218 | 0.2 | 6 |
| | 0742 | 3.5 | 107 |
| | 1509 | 0.0 | 0 |
| | 2015 | 3.0 | 91 |
| **7** M | 0303 | 0.1 | 3 |
| | 0826 | 3.6 | 110 |
| | 1600 | 0.0 | 0 |
| | 2104 | 3.0 | 91 |
| **8** Tu | 0350 | 0.2 | 6 |
| | 0913 | 3.6 | 110 |
| | 1651 | 0.0 | 0 |
| | 2154 | 3.0 | 91 |
| **9** W | 0440 | 0.2 | 6 |
| | 1002 | 3.6 | 110 |
| | 1744 | 0.1 | 3 |
| | 2248 | 2.9 | 88 |
| **10** Th | 0534 | 0.3 | 9 |
| | 1055 | 3.4 | 104 |
| | 1839 | 0.2 | 6 |
| | 2345 | 2.9 | 88 |
| **11** F | 0633 | 0.3 | 9 |
| | 1154 | 3.3 | 101 |
| | 1935 | 0.2 | 6 |
| **12** Sa ◐ | 0047 | 2.8 | 85 |
| | 0737 | 0.4 | 12 |
| | 1300 | 3.1 | 94 |
| | 2034 | 0.3 | 9 |
| **13** Su | 0152 | 2.8 | 85 |
| | 0843 | 0.4 | 12 |
| | 1411 | 3.0 | 91 |
| | 2132 | 0.3 | 9 |
| **14** M | 0257 | 2.9 | 88 |
| | 0948 | 0.4 | 12 |
| | 1520 | 3.0 | 91 |
| | 2229 | 0.3 | 9 |
| **15** Tu | 0358 | 3.0 | 91 |
| | 1051 | 0.3 | 9 |
| | 1623 | 3.0 | 91 |
| | 2323 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0453 | 3.1 | 94 |
| | 1150 | 0.2 | 6 |
| | 1719 | 3.0 | 91 |
| **17** Th | 0012 | 0.3 | 9 |
| | 0544 | 3.2 | 98 |
| | 1244 | 0.2 | 6 |
| | 1810 | 3.0 | 91 |
| **18** F | 0058 | 0.3 | 9 |
| | 0630 | 3.3 | 101 |
| | 1335 | 0.1 | 3 |
| | 1856 | 3.0 | 91 |
| **19** Sa | 0141 | 0.3 | 9 |
| | 0713 | 3.4 | 104 |
| | 1422 | 0.1 | 3 |
| | 1940 | 2.9 | 88 |
| **20** Su ○ | 0220 | 0.3 | 9 |
| | 0752 | 3.4 | 104 |
| | 1505 | 0.2 | 6 |
| | 2022 | 2.9 | 88 |
| **21** M | 0255 | 0.4 | 12 |
| | 0829 | 3.4 | 104 |
| | 1546 | 0.2 | 6 |
| | 2103 | 2.9 | 88 |
| **22** Tu | 0328 | 0.4 | 12 |
| | 0903 | 3.3 | 101 |
| | 1625 | 0.3 | 9 |
| | 2141 | 2.8 | 85 |
| **23** W | 0359 | 0.5 | 15 |
| | 0936 | 3.3 | 101 |
| | 1701 | 0.4 | 12 |
| | 2219 | 2.8 | 85 |
| **24** Th | 0432 | 0.5 | 15 |
| | 1009 | 3.2 | 98 |
| | 1735 | 0.5 | 15 |
| | 2257 | 2.8 | 85 |
| **25** F | 0509 | 0.6 | 18 |
| | 1045 | 3.1 | 94 |
| | 1810 | 0.6 | 18 |
| | 2336 | 2.7 | 82 |
| **26** Sa | 0553 | 0.6 | 18 |
| | 1127 | 3.1 | 94 |
| | 1849 | 0.6 | 18 |
| **27** Su | 0019 | 2.7 | 82 |
| | 0641 | 0.6 | 18 |
| | 1216 | 3.0 | 91 |
| | 1934 | 0.6 | 18 |
| **28** M ◑ | 0108 | 2.7 | 82 |
| | 0736 | 0.7 | 21 |
| | 1311 | 2.9 | 88 |
| | 2024 | 0.6 | 18 |
| **29** Tu | 0203 | 2.8 | 85 |
| | 0837 | 0.7 | 21 |
| | 1413 | 2.9 | 88 |
| | 2117 | 0.6 | 18 |
| **30** W | 0259 | 2.9 | 88 |
| | 0945 | 0.6 | 18 |
| | 1516 | 2.9 | 88 |
| | 2211 | 0.5 | 15 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0354 | 3.1 | 94 |
| | 1054 | 0.6 | 18 |
| | 1618 | 2.9 | 88 |
| | 2305 | 0.4 | 12 |
| **2** F | 0447 | 3.3 | 101 |
| | 1200 | 0.4 | 12 |
| | 1715 | 2.9 | 88 |
| | 2358 | 0.4 | 12 |
| **3** Sa | 0537 | 3.4 | 104 |
| | 1300 | 0.3 | 9 |
| | 1809 | 3.0 | 91 |
| **4** Su | 0050 | 0.3 | 9 |
| | 0625 | 3.6 | 110 |
| | 1356 | 0.2 | 6 |
| | 1902 | 3.0 | 91 |
| **5** M ● | 0143 | 0.3 | 9 |
| | 0714 | 3.7 | 113 |
| | 1450 | 0.1 | 3 |
| | 1954 | 3.0 | 91 |
| **6** Tu | 0236 | 0.3 | 9 |
| | 0803 | 3.7 | 113 |
| | 1543 | 0.1 | 3 |
| | 2046 | 3.0 | 91 |
| **7** W | 0330 | 0.3 | 9 |
| | 0853 | 3.7 | 113 |
| | 1636 | 0.1 | 3 |
| | 2139 | 3.0 | 91 |
| **8** Th | 0427 | 0.3 | 9 |
| | 0946 | 3.6 | 110 |
| | 1728 | 0.1 | 3 |
| | 2234 | 3.0 | 91 |
| **9** F | 0525 | 0.3 | 9 |
| | 1042 | 3.4 | 104 |
| | 1822 | 0.2 | 6 |
| | 2332 | 3.0 | 91 |
| **10** Sa | 0624 | 0.4 | 12 |
| | 1143 | 3.3 | 101 |
| | 1916 | 0.2 | 6 |
| **11** Su ◐ | 0033 | 3.0 | 91 |
| | 0725 | 0.4 | 12 |
| | 1249 | 3.1 | 94 |
| | 2010 | 0.3 | 9 |
| **12** M | 0135 | 3.0 | 91 |
| | 0827 | 0.4 | 12 |
| | 1356 | 3.0 | 91 |
| | 2104 | 0.3 | 9 |
| **13** Tu | 0237 | 3.1 | 94 |
| | 0929 | 0.4 | 12 |
| | 1500 | 3.0 | 91 |
| | 2157 | 0.3 | 9 |
| **14** W | 0335 | 3.1 | 94 |
| | 1029 | 0.4 | 12 |
| | 1559 | 2.9 | 88 |
| | 2247 | 0.3 | 9 |
| **15** Th | 0428 | 3.2 | 98 |
| | 1127 | 0.3 | 9 |
| | 1653 | 2.9 | 88 |
| | 2335 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0517 | 3.3 | 101 |
| | 1221 | 0.3 | 9 |
| | 1743 | 2.9 | 88 |
| **17** Sa | 0021 | 0.4 | 12 |
| | 0602 | 3.4 | 104 |
| | 1311 | 0.3 | 9 |
| | 1830 | 2.9 | 88 |
| **18** Su | 0103 | 0.4 | 12 |
| | 0644 | 3.4 | 104 |
| | 1357 | 0.3 | 9 |
| | 1915 | 2.8 | 85 |
| **19** M ○ | 0144 | 0.5 | 15 |
| | 0723 | 3.4 | 104 |
| | 1440 | 0.3 | 9 |
| | 1957 | 2.8 | 85 |
| **20** Tu | 0222 | 0.5 | 15 |
| | 0800 | 3.3 | 101 |
| | 1521 | 0.3 | 9 |
| | 2038 | 2.8 | 85 |
| **21** W | 0258 | 0.5 | 15 |
| | 0835 | 3.3 | 101 |
| | 1559 | 0.4 | 12 |
| | 2116 | 2.8 | 85 |
| **22** Th | 0334 | 0.6 | 18 |
| | 0908 | 3.2 | 98 |
| | 1636 | 0.4 | 12 |
| | 2152 | 2.8 | 85 |
| **23** F | 0410 | 0.6 | 18 |
| | 0942 | 3.2 | 98 |
| | 1710 | 0.5 | 15 |
| | 2227 | 2.8 | 85 |
| **24** Sa | 0450 | 0.6 | 18 |
| | 1019 | 3.2 | 98 |
| | 1745 | 0.5 | 15 |
| | 2304 | 2.8 | 85 |
| **25** Su | 0533 | 0.6 | 18 |
| | 1100 | 3.1 | 94 |
| | 1822 | 0.5 | 15 |
| | 2345 | 2.8 | 85 |
| **26** M | 0621 | 0.6 | 18 |
| | 1147 | 3.1 | 94 |
| | 1902 | 0.5 | 15 |
| **27** Tu ◑ | 0032 | 2.9 | 88 |
| | 0714 | 0.6 | 18 |
| | 1240 | 3.0 | 91 |
| | 1945 | 0.4 | 12 |
| **28** W | 0124 | 3.0 | 91 |
| | 0813 | 0.6 | 18 |
| | 1338 | 2.9 | 88 |
| | 2033 | 0.4 | 12 |
| **29** Th | 0219 | 3.1 | 94 |
| | 0920 | 0.6 | 18 |
| | 1440 | 2.9 | 88 |
| | 2123 | 0.4 | 12 |
| **30** F | 0315 | 3.3 | 101 |
| | 1030 | 0.5 | 15 |
| | 1544 | 2.8 | 85 |
| | 2217 | 0.3 | 9 |
| **31** Sa | 0410 | 3.4 | 104 |
| | 1137 | 0.4 | 12 |
| | 1645 | 2.8 | 85 |
| | 2315 | 0.3 | 9 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0505 | 3.6 | 110 |
| | 1239 | 0.3 | 9 |
| | 1744 | 2.9 | 88 |
| **2** M | 0016 | 0.3 | 9 |
| | 0558 | 3.7 | 113 |
| | 1337 | 0.2 | 6 |
| | 1840 | 2.9 | 88 |
| **3** Tu ● | 0117 | 0.3 | 9 |
| | 0651 | 3.7 | 113 |
| | 1432 | 0.1 | 3 |
| | 1934 | 2.9 | 88 |
| **4** W | 0218 | 0.3 | 9 |
| | 0744 | 3.7 | 113 |
| | 1526 | 0.0 | 0 |
| | 2028 | 3.0 | 91 |
| **5** Th | 0317 | 0.2 | 6 |
| | 0838 | 3.6 | 110 |
| | 1618 | 0.0 | 0 |
| | 2122 | 3.0 | 91 |
| **6** F | 0415 | 0.2 | 6 |
| | 0934 | 3.5 | 107 |
| | 1709 | 0.1 | 3 |
| | 2217 | 3.0 | 91 |
| **7** Sa | 0512 | 0.3 | 9 |
| | 1030 | 3.4 | 104 |
| | 1759 | 0.1 | 3 |
| | 2314 | 3.0 | 91 |
| **8** Su | 0609 | 0.3 | 9 |
| | 1129 | 3.2 | 98 |
| | 1850 | 0.1 | 3 |
| **9** M | 0012 | 3.0 | 91 |
| | 0707 | 0.3 | 9 |
| | 1229 | 3.1 | 94 |
| | 1939 | 0.2 | 6 |
| **10** Tu ◐ | 0110 | 3.1 | 94 |
| | 0805 | 0.4 | 12 |
| | 1330 | 2.9 | 88 |
| | 2028 | 0.3 | 9 |
| **11** W | 0208 | 3.1 | 94 |
| | 0904 | 0.4 | 12 |
| | 1430 | 2.8 | 85 |
| | 2117 | 0.3 | 9 |
| **12** Th | 0303 | 3.2 | 98 |
| | 1003 | 0.4 | 12 |
| | 1528 | 2.8 | 85 |
| | 2205 | 0.4 | 12 |
| **13** F | 0356 | 3.2 | 98 |
| | 1059 | 0.4 | 12 |
| | 1622 | 2.7 | 82 |
| | 2253 | 0.4 | 12 |
| **14** Sa | 0445 | 3.2 | 98 |
| | 1153 | 0.4 | 12 |
| | 1714 | 2.7 | 82 |
| | 2340 | 0.4 | 12 |
| **15** Su | 0531 | 3.3 | 101 |
| | 1243 | 0.4 | 12 |
| | 1803 | 2.7 | 82 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0026 | 0.5 | 15 |
| | 0615 | 3.3 | 101 |
| | 1330 | 0.3 | 9 |
| | 1849 | 2.7 | 82 |
| **17** Tu | 0110 | 0.5 | 15 |
| | 0656 | 3.2 | 98 |
| | 1414 | 0.3 | 9 |
| | 1932 | 2.7 | 82 |
| **18** W ○ | 0153 | 0.5 | 15 |
| | 0735 | 3.2 | 98 |
| | 1455 | 0.3 | 9 |
| | 2012 | 2.7 | 82 |
| **19** Th | 0235 | 0.5 | 15 |
| | 0811 | 3.2 | 98 |
| | 1533 | 0.4 | 12 |
| | 2050 | 2.7 | 82 |
| **20** F | 0315 | 0.5 | 15 |
| | 0846 | 3.2 | 98 |
| | 1610 | 0.4 | 12 |
| | 2125 | 2.8 | 85 |
| **21** Sa | 0354 | 0.5 | 15 |
| | 0920 | 3.2 | 98 |
| | 1645 | 0.4 | 12 |
| | 2159 | 2.8 | 85 |
| **22** Su | 0435 | 0.5 | 15 |
| | 0957 | 3.2 | 98 |
| | 1719 | 0.3 | 9 |
| | 2235 | 2.9 | 88 |
| **23** M | 0517 | 0.5 | 15 |
| | 1038 | 3.1 | 94 |
| | 1753 | 0.3 | 9 |
| | 2315 | 2.9 | 88 |
| **24** Tu | 0604 | 0.6 | 18 |
| | 1123 | 3.1 | 94 |
| | 1830 | 0.3 | 9 |
| **25** W | 0000 | 3.0 | 91 |
| | 0656 | 0.6 | 18 |
| | 1213 | 3.0 | 91 |
| | 1910 | 0.3 | 9 |
| **26** Th ◑ | 0049 | 3.2 | 98 |
| | 0754 | 0.6 | 18 |
| | 1309 | 2.9 | 88 |
| | 1955 | 0.3 | 9 |
| **27** F | 0143 | 3.3 | 101 |
| | 0900 | 0.6 | 18 |
| | 1411 | 2.8 | 85 |
| | 2045 | 0.3 | 9 |
| **28** Sa | 0241 | 3.4 | 104 |
| | 1010 | 0.5 | 15 |
| | 1517 | 2.7 | 82 |
| | 2143 | 0.3 | 9 |
| **29** Su | 0340 | 3.4 | 104 |
| | 1118 | 0.4 | 12 |
| | 1622 | 2.7 | 82 |
| | 2248 | 0.3 | 9 |
| **30** M | 0440 | 3.5 | 107 |
| | 1221 | 0.3 | 9 |
| | 1724 | 2.8 | 85 |
| | 2358 | 0.3 | 9 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Washington, D.C., 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0539 | 3.6 | 110 |
| | 1320 | 0.2 | 6 |
| | 1822 | 2.8 | 85 |
| **2** W ● | 0105 | 0.3 | 9 |
| | 0636 | 3.6 | 110 |
| | 1415 | 0.1 | 3 |
| | 1918 | 2.9 | 88 |
| **3** Th | 0207 | 0.2 | 6 |
| | 0732 | 3.6 | 110 |
| | 1507 | 0.0 | 0 |
| | 2012 | 3.0 | 91 |
| **4** F | 0305 | 0.2 | 6 |
| | 0827 | 3.5 | 107 |
| | 1557 | 0.0 | 0 |
| | 2105 | 3.1 | 94 |
| **5** Sa | 0401 | 0.1 | 3 |
| | 0921 | 3.4 | 104 |
| | 1645 | 0.0 | 0 |
| | 2157 | 3.1 | 94 |
| **6** Su | 0455 | 0.2 | 6 |
| | 1014 | 3.3 | 101 |
| | 1732 | 0.0 | 0 |
| | 2250 | 3.1 | 94 |
| **7** M | 0549 | 0.2 | 6 |
| | 1107 | 3.2 | 98 |
| | 1817 | 0.1 | 3 |
| | 2343 | 3.1 | 94 |
| **8** Tu | 0643 | 0.3 | 9 |
| | 1202 | 3.0 | 91 |
| | 1902 | 0.2 | 6 |
| **9** W ◐ | 0036 | 3.1 | 94 |
| | 0738 | 0.4 | 12 |
| | 1257 | 2.8 | 85 |
| | 1946 | 0.3 | 9 |
| **10** Th | 0130 | 3.1 | 94 |
| | 0834 | 0.5 | 15 |
| | 1354 | 2.7 | 82 |
| | 2031 | 0.4 | 12 |
| **11** F | 0224 | 3.1 | 94 |
| | 0930 | 0.5 | 15 |
| | 1452 | 2.6 | 79 |
| | 2117 | 0.4 | 12 |
| **12** Sa | 0317 | 3.1 | 94 |
| | 1026 | 0.5 | 15 |
| | 1548 | 2.6 | 79 |
| | 2207 | 0.5 | 15 |
| **13** Su | 0409 | 3.1 | 94 |
| | 1121 | 0.5 | 15 |
| | 1642 | 2.6 | 79 |
| | 2259 | 0.5 | 15 |
| **14** M | 0459 | 3.1 | 94 |
| | 1212 | 0.5 | 15 |
| | 1733 | 2.6 | 79 |
| | 2351 | 0.5 | 15 |
| **15** Tu | 0546 | 3.1 | 94 |
| | 1259 | 0.4 | 12 |
| | 1821 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0041 | 0.5 | 15 |
| | 0630 | 3.1 | 94 |
| | 1344 | 0.4 | 12 |
| | 1905 | 2.7 | 82 |
| **17** Th | 0128 | 0.5 | 15 |
| | 0711 | 3.1 | 94 |
| | 1426 | 0.4 | 12 |
| | 1946 | 2.7 | 82 |
| **18** F ○ | 0213 | 0.4 | 12 |
| | 0749 | 3.1 | 94 |
| | 1505 | 0.3 | 9 |
| | 2023 | 2.8 | 85 |
| **19** Sa | 0256 | 0.4 | 12 |
| | 0825 | 3.2 | 98 |
| | 1541 | 0.3 | 9 |
| | 2057 | 2.8 | 85 |
| **20** Su | 0338 | 0.4 | 12 |
| | 0900 | 3.2 | 98 |
| | 1616 | 0.2 | 6 |
| | 2131 | 2.9 | 88 |
| **21** M | 0420 | 0.4 | 12 |
| | 0936 | 3.2 | 98 |
| | 1649 | 0.2 | 6 |
| | 2206 | 3.0 | 91 |
| **22** Tu | 0503 | 0.5 | 15 |
| | 1016 | 3.1 | 94 |
| | 1723 | 0.2 | 6 |
| | 2246 | 3.2 | 98 |
| **23** W | 0550 | 0.5 | 15 |
| | 1101 | 3.1 | 94 |
| | 1758 | 0.2 | 6 |
| | 2329 | 3.3 | 101 |
| **24** Th | 0642 | 0.5 | 15 |
| | 1150 | 3.0 | 91 |
| | 1839 | 0.2 | 6 |
| **25** F ◑ | 0018 | 3.3 | 101 |
| | 0741 | 0.5 | 15 |
| | 1246 | 2.8 | 85 |
| | 1925 | 0.3 | 9 |
| **26** Sa | 0113 | 3.4 | 104 |
| | 0847 | 0.5 | 15 |
| | 1349 | 2.7 | 82 |
| | 2020 | 0.3 | 9 |
| **27** Su | 0213 | 3.4 | 104 |
| | 0956 | 0.5 | 15 |
| | 1457 | 2.7 | 82 |
| | 2125 | 0.4 | 12 |
| **28** M | 0318 | 3.4 | 104 |
| | 1103 | 0.4 | 12 |
| | 1605 | 2.7 | 82 |
| | 2240 | 0.4 | 12 |
| **29** Tu | 0424 | 3.4 | 104 |
| | 1205 | 0.3 | 9 |
| | 1709 | 2.8 | 85 |
| | 2352 | 0.3 | 9 |
| **30** W | 0527 | 3.4 | 104 |
| | 1302 | 0.2 | 6 |
| | 1808 | 2.9 | 88 |
| **31** Th | 0058 | 0.2 | 6 |
| | 0627 | 3.4 | 104 |
| | 1356 | 0.1 | 3 |
| | 1903 | 3.0 | 91 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0157 | 0.2 | 6 |
| | 0722 | 3.5 | 107 |
| | 1445 | 0.0 | 0 |
| | 1955 | 3.1 | 94 |
| **2** Sa | 0252 | 0.1 | 3 |
| | 0815 | 3.4 | 104 |
| | 1532 | 0.0 | 0 |
| | 2045 | 3.2 | 98 |
| **3** Su | 0344 | 0.1 | 3 |
| | 0904 | 3.4 | 104 |
| | 1617 | 0.0 | 0 |
| | 2134 | 3.2 | 98 |
| **4** M | 0435 | 0.1 | 3 |
| | 0953 | 3.3 | 101 |
| | 1659 | 0.1 | 3 |
| | 2221 | 3.3 | 101 |
| **5** Tu | 0525 | 0.2 | 6 |
| | 1041 | 3.1 | 94 |
| | 1739 | 0.2 | 6 |
| | 2308 | 3.2 | 98 |
| **6** W | 0615 | 0.4 | 12 |
| | 1130 | 3.0 | 91 |
| | 1818 | 0.3 | 9 |
| | 2355 | 3.2 | 98 |
| **7** Th | 0705 | 0.5 | 15 |
| | 1221 | 2.8 | 85 |
| | 1857 | 0.4 | 12 |
| **8** F ◐ | 0044 | 3.1 | 94 |
| | 0758 | 0.6 | 18 |
| | 1315 | 2.7 | 82 |
| | 1937 | 0.5 | 15 |
| **9** Sa | 0136 | 3.1 | 94 |
| | 0852 | 0.7 | 21 |
| | 1412 | 2.6 | 79 |
| | 2024 | 0.6 | 18 |
| **10** Su | 0232 | 3.0 | 91 |
| | 0948 | 0.7 | 21 |
| | 1511 | 2.5 | 76 |
| | 2118 | 0.6 | 18 |
| **11** M | 0328 | 3.0 | 91 |
| | 1043 | 0.7 | 21 |
| | 1608 | 2.5 | 76 |
| | 2217 | 0.6 | 18 |
| **12** Tu | 0424 | 3.0 | 91 |
| | 1135 | 0.7 | 21 |
| | 1701 | 2.6 | 79 |
| | 2316 | 0.6 | 18 |
| **13** W | 0516 | 3.0 | 91 |
| | 1225 | 0.6 | 18 |
| | 1750 | 2.7 | 82 |
| **14** Th | 0012 | 0.6 | 18 |
| | 0603 | 3.0 | 91 |
| | 1310 | 0.5 | 15 |
| | 1835 | 2.8 | 85 |
| **15** F | 0103 | 0.5 | 15 |
| | 0645 | 3.1 | 94 |
| | 1352 | 0.4 | 12 |
| | 1915 | 2.9 | 88 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0150 | 0.4 | 12 |
| | 0724 | 3.2 | 98 |
| | 1431 | 0.3 | 9 |
| | 1952 | 3.0 | 91 |
| **17** Su | 0236 | 0.4 | 12 |
| | 0801 | 3.2 | 98 |
| | 1508 | 0.2 | 6 |
| | 2027 | 3.1 | 94 |
| **18** M | 0320 | 0.4 | 12 |
| | 0837 | 3.2 | 98 |
| | 1543 | 0.2 | 6 |
| | 2101 | 3.2 | 98 |
| **19** Tu | 0404 | 0.4 | 12 |
| | 0915 | 3.2 | 98 |
| | 1617 | 0.2 | 6 |
| | 2137 | 3.3 | 101 |
| **20** W | 0449 | 0.4 | 12 |
| | 0956 | 3.2 | 98 |
| | 1652 | 0.2 | 6 |
| | 2217 | 3.4 | 104 |
| **21** Th | 0538 | 0.4 | 12 |
| | 1041 | 3.1 | 94 |
| | 1730 | 0.2 | 6 |
| | 2302 | 3.5 | 107 |
| **22** F | 0631 | 0.5 | 15 |
| | 1131 | 2.9 | 88 |
| | 1814 | 0.3 | 9 |
| | 2352 | 3.5 | 107 |
| **23** Sa ◑ | 0730 | 0.5 | 15 |
| | 1228 | 2.8 | 85 |
| | 1906 | 0.4 | 12 |
| **24** Su | 0049 | 3.4 | 104 |
| | 0835 | 0.6 | 18 |
| | 1333 | 2.7 | 82 |
| | 2010 | 0.5 | 15 |
| **25** M | 0154 | 3.3 | 101 |
| | 0943 | 0.5 | 15 |
| | 1444 | 2.7 | 82 |
| | 2125 | 0.5 | 15 |
| **26** Tu | 0305 | 3.3 | 101 |
| | 1047 | 0.5 | 15 |
| | 1554 | 2.7 | 82 |
| | 2240 | 0.4 | 12 |
| **27** W | 0416 | 3.3 | 101 |
| | 1147 | 0.4 | 12 |
| | 1657 | 2.9 | 88 |
| | 2348 | 0.3 | 9 |
| **28** Th | 0520 | 3.3 | 101 |
| | 1242 | 0.2 | 6 |
| | 1755 | 3.0 | 91 |
| **29** F | 0049 | 0.2 | 6 |
| | 0618 | 3.4 | 104 |
| | 1333 | 0.1 | 3 |
| | 1848 | 3.2 | 98 |
| **30** Sa ● | 0145 | 0.1 | 3 |
| | 0710 | 3.4 | 104 |
| | 1420 | 0.1 | 3 |
| | 1937 | 3.3 | 101 |
| **31** Su | 0237 | 0.1 | 3 |
| | 0759 | 3.4 | 104 |
| | 1504 | 0.0 | 0 |
| | 2023 | 3.4 | 104 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0326 | 0.1 | 3 |
| | 0844 | 3.3 | 101 |
| | 1544 | 0.1 | 3 |
| | 2107 | 3.4 | 104 |
| **2** Tu | 0413 | 0.2 | 6 |
| | 0929 | 3.2 | 98 |
| | 1622 | 0.2 | 6 |
| | 2149 | 3.4 | 104 |
| **3** W | 0459 | 0.3 | 9 |
| | 1013 | 3.1 | 94 |
| | 1658 | 0.3 | 9 |
| | 2231 | 3.3 | 101 |
| **4** Th | 0545 | 0.4 | 12 |
| | 1057 | 2.9 | 88 |
| | 1731 | 0.4 | 12 |
| | 2312 | 3.3 | 101 |
| **5** F | 0630 | 0.6 | 18 |
| | 1144 | 2.8 | 85 |
| | 1805 | 0.5 | 15 |
| | 2356 | 3.1 | 94 |
| **6** Sa | 0717 | 0.7 | 21 |
| | 1234 | 2.7 | 82 |
| | 1844 | 0.6 | 18 |
| **7** Su ◐ | 0044 | 3.0 | 91 |
| | 0808 | 0.8 | 24 |
| | 1329 | 2.6 | 79 |
| | 1932 | 0.7 | 21 |
| **8** M | 0139 | 2.9 | 88 |
| | 0902 | 0.8 | 24 |
| | 1429 | 2.5 | 76 |
| | 2030 | 0.7 | 21 |
| **9** Tu | 0241 | 2.9 | 88 |
| | 0958 | 0.8 | 24 |
| | 1528 | 2.6 | 79 |
| | 2136 | 0.7 | 21 |
| **10** W | 0343 | 2.9 | 88 |
| | 1053 | 0.8 | 24 |
| | 1623 | 2.6 | 79 |
| | 2241 | 0.7 | 21 |
| **11** Th | 0439 | 2.9 | 88 |
| | 1143 | 0.6 | 18 |
| | 1714 | 2.7 | 82 |
| | 2341 | 0.6 | 18 |
| **12** F | 0529 | 3.0 | 91 |
| | 1230 | 0.5 | 15 |
| | 1759 | 2.9 | 88 |
| **13** Sa | 0035 | 0.5 | 15 |
| | 0613 | 3.1 | 94 |
| | 1312 | 0.4 | 12 |
| | 1840 | 3.0 | 91 |
| **14** Su | 0125 | 0.4 | 12 |
| | 0654 | 3.2 | 98 |
| | 1352 | 0.3 | 9 |
| | 1917 | 3.2 | 98 |
| **15** M ○ | 0213 | 0.3 | 9 |
| | 0734 | 3.2 | 98 |
| | 1430 | 0.2 | 6 |
| | 1953 | 3.3 | 101 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0300 | 0.3 | 9 |
| | 0813 | 3.2 | 98 |
| | 1507 | 0.2 | 6 |
| | 2030 | 3.5 | 107 |
| **17** W | 0347 | 0.3 | 9 |
| | 0854 | 3.2 | 98 |
| | 1545 | 0.2 | 6 |
| | 2109 | 3.6 | 110 |
| **18** Th | 0435 | 0.3 | 9 |
| | 0937 | 3.1 | 94 |
| | 1624 | 0.2 | 6 |
| | 2152 | 3.6 | 110 |
| **19** F | 0526 | 0.3 | 9 |
| | 1024 | 3.0 | 91 |
| | 1709 | 0.3 | 9 |
| | 2239 | 3.6 | 110 |
| **20** Sa | 0620 | 0.4 | 12 |
| | 1116 | 2.9 | 88 |
| | 1800 | 0.4 | 12 |
| | 2332 | 3.4 | 104 |
| **21** Su | 0720 | 0.5 | 15 |
| | 1216 | 2.8 | 85 |
| | 1901 | 0.4 | 12 |
| **22** M ◑ | 0032 | 3.3 | 101 |
| | 0823 | 0.5 | 15 |
| | 1323 | 2.7 | 82 |
| | 2012 | 0.5 | 15 |
| **23** Tu | 0143 | 3.2 | 98 |
| | 0927 | 0.5 | 15 |
| | 1435 | 2.7 | 82 |
| | 2126 | 0.5 | 15 |
| **24** W | 0259 | 3.1 | 94 |
| | 1028 | 0.4 | 12 |
| | 1543 | 2.8 | 85 |
| | 2235 | 0.4 | 12 |
| **25** Th | 0409 | 3.1 | 94 |
| | 1125 | 0.3 | 9 |
| | 1645 | 3.0 | 91 |
| | 2338 | 0.3 | 9 |
| **26** F | 0510 | 3.2 | 98 |
| | 1218 | 0.2 | 6 |
| | 1740 | 3.1 | 94 |
| **27** Sa | 0036 | 0.2 | 6 |
| | 0604 | 3.3 | 101 |
| | 1307 | 0.1 | 3 |
| | 1830 | 3.3 | 101 |
| **28** Su | 0129 | 0.1 | 3 |
| | 0653 | 3.3 | 101 |
| | 1351 | 0.1 | 3 |
| | 1916 | 3.4 | 104 |
| **29** M ● | 0219 | 0.1 | 3 |
| | 0739 | 3.2 | 98 |
| | 1433 | 0.1 | 3 |
| | 1959 | 3.4 | 104 |
| **30** Tu | 0306 | 0.1 | 3 |
| | 0822 | 3.2 | 98 |
| | 1511 | 0.1 | 3 |
| | 2039 | 3.4 | 104 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Washington, D.C., 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0351 | 0.2 | 6 |
| | 0904 | 3.1 | 94 |
| | 1546 | 0.2 | 6 |
| | 2118 | 3.4 | 104 |
| **2** Th | 0434 | 0.3 | 9 |
| | 0946 | 3.0 | 91 |
| | 1618 | 0.3 | 9 |
| | 2155 | 3.3 | 101 |
| **3** F | 0515 | 0.4 | 12 |
| | 1027 | 2.8 | 85 |
| | 1649 | 0.4 | 12 |
| | 2232 | 3.2 | 98 |
| **4** Sa | 0555 | 0.6 | 18 |
| | 1109 | 2.7 | 82 |
| | 1723 | 0.5 | 15 |
| | 2311 | 3.1 | 94 |
| **5** Su | 0636 | 0.7 | 21 |
| | 1154 | 2.6 | 79 |
| | 1804 | 0.6 | 18 |
| | 2355 | 3.0 | 91 |
| **6** M | 0721 | 0.7 | 21 |
| | 1244 | 2.6 | 79 |
| | 1853 | 0.6 | 18 |
| **7** Tu ◐ | 0046 | 2.9 | 88 |
| | 0812 | 0.8 | 24 |
| | 1340 | 2.5 | 76 |
| | 1950 | 0.7 | 21 |
| **8** W | 0148 | 2.8 | 85 |
| | 0907 | 0.8 | 24 |
| | 1440 | 2.5 | 76 |
| | 2055 | 0.7 | 21 |
| **9** Th | 0253 | 2.8 | 85 |
| | 1002 | 0.7 | 21 |
| | 1538 | 2.6 | 79 |
| | 2203 | 0.6 | 18 |
| **10** F | 0354 | 2.8 | 85 |
| | 1053 | 0.6 | 18 |
| | 1630 | 2.7 | 82 |
| | 2306 | 0.5 | 15 |
| **11** Sa | 0447 | 2.9 | 88 |
| | 1142 | 0.4 | 12 |
| | 1716 | 2.9 | 88 |
| **12** Su | 0005 | 0.4 | 12 |
| | 0535 | 3.0 | 91 |
| | 1226 | 0.3 | 9 |
| | 1759 | 3.1 | 94 |
| **13** M | 0059 | 0.3 | 9 |
| | 0621 | 3.0 | 91 |
| | 1309 | 0.2 | 6 |
| | 1840 | 3.3 | 101 |
| **14** Tu ○ | 0151 | 0.2 | 6 |
| | 0705 | 3.0 | 91 |
| | 1351 | 0.1 | 3 |
| | 1920 | 3.4 | 104 |
| **15** W | 0241 | 0.1 | 3 |
| | 0749 | 3.0 | 91 |
| | 1434 | 0.1 | 3 |
| | 2001 | 3.6 | 110 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0330 | 0.1 | 3 |
| | 0834 | 3.0 | 91 |
| | 1518 | 0.1 | 3 |
| | 2045 | 3.6 | 110 |
| **17** F | 0421 | 0.1 | 3 |
| | 0920 | 3.0 | 91 |
| | 1605 | 0.1 | 3 |
| | 2132 | 3.6 | 110 |
| **18** Sa | 0513 | 0.2 | 6 |
| | 1010 | 2.9 | 88 |
| | 1658 | 0.2 | 6 |
| | 2222 | 3.4 | 104 |
| **19** Su | 0608 | 0.2 | 6 |
| | 1105 | 2.8 | 85 |
| | 1756 | 0.3 | 9 |
| | 2319 | 3.3 | 101 |
| **20** M | 0706 | 0.3 | 9 |
| | 1206 | 2.7 | 82 |
| | 1901 | 0.3 | 9 |
| **21** Tu ◑ | 0024 | 3.1 | 94 |
| | 0806 | 0.3 | 9 |
| | 1313 | 2.7 | 82 |
| | 2009 | 0.3 | 9 |
| **22** W | 0136 | 3.0 | 91 |
| | 0905 | 0.3 | 9 |
| | 1422 | 2.7 | 82 |
| | 2117 | 0.3 | 9 |
| **23** Th | 0249 | 2.9 | 88 |
| | 1003 | 0.2 | 6 |
| | 1528 | 2.8 | 85 |
| | 2222 | 0.2 | 6 |
| **24** F | 0355 | 2.9 | 88 |
| | 1058 | 0.2 | 6 |
| | 1627 | 3.0 | 91 |
| | 2322 | 0.2 | 6 |
| **25** Sa | 0453 | 3.0 | 91 |
| | 1149 | 0.1 | 3 |
| | 1720 | 3.1 | 94 |
| **26** Su | 0019 | 0.1 | 3 |
| | 0545 | 3.0 | 91 |
| | 1236 | 0.0 | 0 |
| | 1808 | 3.2 | 98 |
| **27** M | 0111 | 0.0 | 0 |
| | 0633 | 3.0 | 91 |
| | 1320 | 0.0 | 0 |
| | 1852 | 3.3 | 101 |
| **28** Tu ● | 0200 | 0.0 | 0 |
| | 0717 | 2.9 | 88 |
| | 1401 | 0.1 | 3 |
| | 1933 | 3.3 | 101 |
| **29** W | 0245 | 0.0 | 0 |
| | 0800 | 2.9 | 88 |
| | 1439 | 0.1 | 3 |
| | 2012 | 3.3 | 101 |
| **30** Th | 0328 | 0.1 | 3 |
| | 0841 | 2.8 | 85 |
| | 1514 | 0.2 | 6 |
| | 2049 | 3.2 | 98 |
| **31** F | 0409 | 0.2 | 6 |
| | 0921 | 2.7 | 82 |
| | 1547 | 0.3 | 9 |
| | 2124 | 3.1 | 94 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0447 | 0.3 | 9 |
| | 1000 | 2.7 | 82 |
| | 1619 | 0.3 | 9 |
| | 2200 | 3.0 | 91 |
| **2** Su | 0524 | 0.4 | 12 |
| | 1038 | 2.6 | 79 |
| | 1655 | 0.3 | 9 |
| | 2237 | 2.9 | 88 |
| **3** M | 0601 | 0.5 | 15 |
| | 1118 | 2.5 | 76 |
| | 1736 | 0.4 | 12 |
| | 2318 | 2.8 | 85 |
| **4** Tu | 0640 | 0.5 | 15 |
| | 1202 | 2.5 | 76 |
| | 1824 | 0.4 | 12 |
| **5** W ◐ | 0005 | 2.7 | 82 |
| | 0724 | 0.5 | 15 |
| | 1251 | 2.5 | 76 |
| | 1917 | 0.5 | 15 |
| **6** Th | 0100 | 2.7 | 82 |
| | 0813 | 0.5 | 15 |
| | 1346 | 2.5 | 76 |
| | 2018 | 0.5 | 15 |
| **7** F | 0200 | 2.7 | 82 |
| | 0904 | 0.4 | 12 |
| | 1443 | 2.6 | 79 |
| | 2123 | 0.5 | 15 |
| **8** Sa | 0302 | 2.7 | 82 |
| | 0955 | 0.3 | 9 |
| | 1538 | 2.7 | 82 |
| | 2230 | 0.4 | 12 |
| **9** Su | 0401 | 2.7 | 82 |
| | 1046 | 0.2 | 6 |
| | 1628 | 2.9 | 88 |
| | 2334 | 0.3 | 9 |
| **10** M | 0455 | 2.7 | 82 |
| | 1136 | 0.1 | 3 |
| | 1717 | 3.1 | 94 |
| **11** Tu | 0033 | 0.1 | 3 |
| | 0547 | 2.7 | 82 |
| | 1225 | 0.0 | 0 |
| | 1803 | 3.2 | 98 |
| **12** W | 0128 | 0.0 | 0 |
| | 0637 | 2.8 | 85 |
| | 1315 | 0.0 | 0 |
| | 1850 | 3.4 | 104 |
| **13** Th ○ | 0222 | −0.1 | −3 |
| | 0726 | 2.8 | 85 |
| | 1407 | −0.1 | −3 |
| | 1937 | 3.4 | 104 |
| **14** F | 0314 | −0.1 | −3 |
| | 0815 | 2.8 | 85 |
| | 1459 | −0.1 | −3 |
| | 2026 | 3.4 | 104 |
| **15** Sa | 0406 | −0.1 | −3 |
| | 0905 | 2.8 | 85 |
| | 1554 | −0.1 | −3 |
| | 2117 | 3.3 | 101 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0459 | −0.1 | −3 |
| | 0958 | 2.7 | 82 |
| | 1652 | 0.0 | 0 |
| | 2212 | 3.2 | 98 |
| **17** M | 0553 | 0.0 | 0 |
| | 1054 | 2.7 | 82 |
| | 1752 | 0.0 | 0 |
| | 2311 | 3.0 | 91 |
| **18** Tu | 0647 | 0.0 | 0 |
| | 1154 | 2.6 | 79 |
| | 1853 | 0.0 | 0 |
| **19** W | 0016 | 2.9 | 88 |
| | 0742 | 0.0 | 0 |
| | 1258 | 2.6 | 79 |
| ◑ | 1957 | 0.1 | 3 |
| **20** Th | 0123 | 2.8 | 85 |
| | 0837 | 0.0 | 0 |
| | 1403 | 2.7 | 82 |
| | 2100 | 0.1 | 3 |
| **21** F | 0230 | 2.7 | 82 |
| | 0931 | 0.0 | 0 |
| | 1505 | 2.7 | 82 |
| | 2202 | 0.0 | 0 |
| **22** Sa | 0331 | 2.6 | 79 |
| | 1024 | 0.0 | 0 |
| | 1602 | 2.8 | 85 |
| | 2301 | 0.0 | 0 |
| **23** Su | 0428 | 2.6 | 79 |
| | 1114 | −0.1 | −3 |
| | 1654 | 2.9 | 88 |
| | 2357 | −0.1 | −3 |
| **24** M | 0520 | 2.6 | 79 |
| | 1202 | −0.1 | −3 |
| | 1742 | 3.0 | 91 |
| **25** Tu | 0049 | −0.1 | −3 |
| | 0609 | 2.6 | 79 |
| | 1247 | 0.0 | 0 |
| | 1826 | 3.0 | 91 |
| **26** W | 0138 | −0.1 | −3 |
| | 0655 | 2.6 | 79 |
| | 1330 | 0.0 | 0 |
| | 1908 | 3.0 | 91 |
| **27** Th ● | 0223 | −0.1 | −3 |
| | 0738 | 2.5 | 76 |
| | 1410 | 0.0 | 0 |
| | 1948 | 2.9 | 88 |
| **28** F | 0305 | 0.0 | 0 |
| | 0819 | 2.5 | 76 |
| | 1449 | 0.0 | 0 |
| | 2025 | 2.9 | 88 |
| **29** Sa | 0345 | 0.0 | 0 |
| | 0859 | 2.5 | 76 |
| | 1525 | 0.1 | 3 |
| | 2101 | 2.8 | 85 |
| **30** Su | 0422 | 0.1 | 3 |
| | 0936 | 2.4 | 73 |
| | 1601 | 0.1 | 3 |
| | 2137 | 2.8 | 85 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0458 | 0.1 | 3 |
| | 1012 | 2.4 | 73 |
| | 1637 | 0.1 | 3 |
| | 2212 | 2.7 | 82 |
| **2** Tu | 0532 | 0.2 | 6 |
| | 1048 | 2.4 | 73 |
| | 1717 | 0.1 | 3 |
| | 2251 | 2.7 | 82 |
| **3** W | 0607 | 0.2 | 6 |
| | 1126 | 2.4 | 73 |
| | 1801 | 0.2 | 6 |
| | 2334 | 2.6 | 79 |
| **4** Th | 0644 | 0.1 | 3 |
| | 1210 | 2.4 | 73 |
| | 1851 | 0.2 | 6 |
| **5** F ◐ | 0023 | 2.6 | 79 |
| | 0725 | 0.1 | 3 |
| | 1258 | 2.5 | 76 |
| | 1946 | 0.2 | 6 |
| **6** Sa | 0117 | 2.5 | 76 |
| | 0810 | 0.0 | 0 |
| | 1351 | 2.6 | 79 |
| | 2048 | 0.2 | 6 |
| **7** Su | 0216 | 2.5 | 76 |
| | 0859 | 0.0 | 0 |
| | 1447 | 2.7 | 82 |
| | 2155 | 0.2 | 6 |
| **8** M | 0318 | 2.4 | 73 |
| | 0951 | 0.0 | 0 |
| | 1542 | 2.8 | 85 |
| | 2303 | 0.1 | 3 |
| **9** Tu | 0418 | 2.4 | 73 |
| | 1047 | −0.1 | −3 |
| | 1637 | 3.0 | 91 |
| **10** W | 0008 | 0.0 | 0 |
| | 0516 | 2.4 | 73 |
| | 1147 | −0.1 | −3 |
| | 1731 | 3.1 | 94 |
| **11** Th | 0107 | −0.1 | −3 |
| | 0612 | 2.5 | 76 |
| | 1249 | −0.2 | −6 |
| | 1825 | 3.1 | 94 |
| **12** F ○ | 0204 | −0.2 | −6 |
| | 0705 | 2.5 | 76 |
| | 1349 | −0.2 | −6 |
| | 1919 | 3.2 | 98 |
| **13** Sa | 0258 | −0.3 | −9 |
| | 0758 | 2.6 | 79 |
| | 1449 | −0.3 | −9 |
| | 2013 | 3.1 | 94 |
| **14** Su | 0350 | −0.3 | −9 |
| | 0851 | 2.6 | 79 |
| | 1547 | −0.3 | −9 |
| | 2108 | 3.1 | 94 |
| **15** M | 0441 | −0.3 | −9 |
| | 0945 | 2.6 | 79 |
| | 1644 | −0.3 | −9 |
| | 2204 | 3.0 | 91 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0532 | −0.3 | −9 |
| | 1040 | 2.6 | 79 |
| | 1741 | −0.3 | −9 |
| | 2301 | 2.8 | 85 |
| **17** W | 0623 | −0.3 | −9 |
| | 1137 | 2.6 | 79 |
| | 1838 | −0.2 | −6 |
| **18** Th | 0001 | 2.7 | 82 |
| | 0713 | −0.3 | −9 |
| | 1236 | 2.6 | 79 |
| | 1937 | −0.2 | −6 |
| **19** F ◑ | 0102 | 2.6 | 79 |
| | 0803 | −0.2 | −6 |
| | 1335 | 2.6 | 79 |
| | 2036 | −0.1 | −3 |
| **20** Sa | 0202 | 2.4 | 73 |
| | 0854 | −0.2 | −6 |
| | 1433 | 2.6 | 79 |
| | 2136 | −0.1 | −3 |
| **21** Su | 0302 | 2.4 | 73 |
| | 0944 | −0.1 | −3 |
| | 1529 | 2.7 | 82 |
| | 2234 | −0.1 | −3 |
| **22** M | 0358 | 2.3 | 70 |
| | 1035 | −0.1 | −3 |
| | 1622 | 2.7 | 82 |
| | 2330 | −0.1 | −3 |
| **23** Tu | 0452 | 2.3 | 70 |
| | 1125 | −0.1 | −3 |
| | 1712 | 2.7 | 82 |
| **24** W | 0023 | −0.1 | −3 |
| | 0543 | 2.3 | 70 |
| | 1214 | −0.1 | −3 |
| | 1759 | 2.7 | 82 |
| **25** Th | 0112 | −0.1 | −3 |
| | 0630 | 2.3 | 70 |
| | 1301 | −0.1 | −3 |
| | 1844 | 2.7 | 82 |
| **26** F | 0158 | −0.1 | −3 |
| | 0715 | 2.3 | 70 |
| | 1346 | −0.1 | −3 |
| | 1926 | 2.6 | 79 |
| **27** Sa ● | 0240 | −0.1 | −3 |
| | 0757 | 2.3 | 70 |
| | 1428 | −0.1 | −3 |
| | 2006 | 2.6 | 79 |
| **28** Su | 0320 | −0.1 | −3 |
| | 0836 | 2.3 | 70 |
| | 1508 | −0.1 | −3 |
| | 2043 | 2.6 | 79 |
| **29** M | 0357 | −0.1 | −3 |
| | 0913 | 2.3 | 70 |
| | 1546 | −0.1 | −3 |
| | 2118 | 2.6 | 79 |
| **30** Tu | 0431 | −0.1 | −3 |
| | 0946 | 2.3 | 70 |
| | 1624 | −0.1 | −3 |
| | 2152 | 2.6 | 79 |
| **31** W | 0504 | −0.1 | −3 |
| | 1020 | 2.4 | 73 |
| | 1702 | −0.1 | −3 |
| | 2228 | 2.6 | 79 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Chesapeake Bay Bridge Tunnel, Virginia, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0234 | 2.3 | 70 | **16** W | 0144 | 2.6 | 79 |
| | 0900 | 0.4 | 12 | | 0810 | 0.1 | 3 |
| | 1438 | 1.8 | 55 | | 1356 | 2.0 | 61 |
| | 2050 | 0.1 | 3 | | 2014 | −0.2 | −6 |
| **2** W | 0329 | 2.3 | 70 | **17** Th | 0250 | 2.6 | 79 |
| | 0958 | 0.4 | 12 | | 0921 | 0.1 | 3 |
| | 1535 | 1.7 | 52 | | 1505 | 1.9 | 58 |
| | 2138 | 0.1 | 3 | | 2118 | −0.2 | −6 |
| **3** Th | 0422 | 2.4 | 73 | **18** F | 0400 | 2.7 | 82 |
| | 1050 | 0.3 | 9 | | 1030 | 0.0 | 0 |
| | 1631 | 1.7 | 52 | | 1619 | 1.9 | 58 |
| | 2227 | 0.1 | 3 | | 2223 | −0.3 | −9 |
| **4** F | 0512 | 2.4 | 73 | **19** Sa | 0508 | 2.8 | 85 |
| | 1137 | 0.3 | 9 | | 1134 | −0.1 | −3 |
| | 1723 | 1.8 | 55 | | 1729 | 2.0 | 61 |
| | 2314 | 0.1 | 3 | | 2327 | −0.4 | −12 |
| **5** Sa | 0558 | 2.5 | 76 | **20** Su | 0611 | 2.9 | 88 |
| | 1220 | 0.2 | 6 | | 1232 | −0.2 | −6 |
| | 1810 | 1.8 | 55 | | 1832 | 2.2 | 67 |
| | 2359 | 0.0 | 0 | | | | |
| **6** Su | 0641 | 2.6 | 79 | **21** M | 0026 | −0.5 | −15 |
| | 1259 | 0.1 | 3 | | 0707 | 3.0 | 91 |
| | 1854 | 1.9 | 58 | | 1325 | −0.3 | −9 |
| | | | | | 1927 | 2.3 | 70 |
| **7** M | 0042 | −0.1 | −3 | **22** Tu ○ | 0121 | −0.5 | −15 |
| | 0721 | 2.6 | 79 | | 0758 | 3.0 | 91 |
| | 1337 | 0.0 | 0 | | 1414 | −0.4 | −12 |
| | 1934 | 2.0 | 61 | | 2017 | 2.4 | 73 |
| **8** Tu ● | 0123 | −0.2 | −6 | **23** W | 0214 | −0.5 | −15 |
| | 0759 | 2.7 | 82 | | 0844 | 3.0 | 91 |
| | 1414 | −0.1 | −3 | | 1500 | −0.4 | −12 |
| | 2014 | 2.1 | 64 | | 2105 | 2.5 | 76 |
| **9** W | 0204 | −0.2 | −6 | **24** Th | 0303 | −0.5 | −15 |
| | 0837 | 2.7 | 82 | | 0928 | 2.9 | 88 |
| | 1451 | −0.1 | −3 | | 1543 | −0.4 | −12 |
| | 2053 | 2.1 | 64 | | 2149 | 2.5 | 76 |
| **10** Th | 0245 | −0.2 | −6 | **25** F | 0351 | −0.3 | −9 |
| | 0914 | 2.7 | 82 | | 1009 | 2.7 | 82 |
| | 1528 | −0.2 | −6 | | 1623 | −0.3 | −9 |
| | 2134 | 2.2 | 67 | | 2233 | 2.5 | 76 |
| **11** F | 0328 | −0.2 | −6 | **26** Sa | 0438 | −0.2 | −6 |
| | 0951 | 2.7 | 82 | | 1048 | 2.5 | 76 |
| | 1607 | −0.2 | −6 | | 1702 | −0.2 | −6 |
| | 2216 | 2.3 | 70 | | 2315 | 2.4 | 73 |
| **12** Sa | 0414 | −0.2 | −6 | **27** Su | 0525 | 0.0 | 0 |
| | 1031 | 2.6 | 79 | | 1127 | 2.3 | 70 |
| | 1648 | −0.3 | −9 | | 1740 | −0.1 | −3 |
| | 2301 | 2.4 | 73 | | 2358 | 2.4 | 73 |
| **13** Su | 0505 | −0.1 | −3 | **28** M | 0614 | 0.2 | 6 |
| | 1114 | 2.5 | 76 | | 1207 | 2.0 | 61 |
| | 1732 | −0.3 | −9 | | 1819 | 0.0 | 0 |
| | 2350 | 2.4 | 73 | | | | |
| **14** M | 0600 | 0.0 | 0 | **29** Tu | 0044 | 2.3 | 70 |
| | 1201 | 2.3 | 70 | | 0706 | 0.3 | 9 |
| | 1820 | −0.3 | −9 | | 1250 | 1.9 | 58 |
| | | | | | 1903 | 0.1 | 3 |
| **15** Tu ◐ | 0044 | 2.5 | 76 | **30** W ◑ | 0133 | 2.2 | 67 |
| | 0702 | 0.1 | 3 | | 0803 | 0.4 | 12 |
| | 1255 | 2.1 | 64 | | 1340 | 1.7 | 52 |
| | 1914 | −0.2 | −6 | | 1952 | 0.2 | 6 |
| | | | | **31** Th | 0229 | 2.2 | 67 |
| | | | | | 0903 | 0.5 | 15 |
| | | | | | 1437 | 1.6 | 49 |
| | | | | | 2047 | 0.2 | 6 |

## February

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F | 0330 | 2.2 | 67 | **16** Sa | 0351 | 2.6 | 79 |
| | 1002 | 0.5 | 15 | | 1020 | 0.1 | 3 |
| | 1540 | 1.6 | 49 | | 1615 | 2.0 | 61 |
| | 2144 | 0.2 | 6 | | 2218 | −0.1 | −3 |
| **2** Sa | 0431 | 2.3 | 70 | **17** Su | 0504 | 2.7 | 82 |
| | 1056 | 0.4 | 12 | | 1124 | 0.0 | 0 |
| | 1642 | 1.7 | 52 | | 1727 | 2.1 | 64 |
| | 2240 | 0.1 | 3 | | 2323 | −0.2 | −6 |
| **3** Su | 0526 | 2.4 | 73 | **18** M | 0606 | 2.8 | 85 |
| | 1144 | 0.3 | 9 | | 1220 | −0.1 | −3 |
| | 1737 | 1.8 | 55 | | 1826 | 2.3 | 70 |
| | 2331 | 0.0 | 0 | | | | |
| **4** M | 0613 | 2.5 | 76 | **19** Tu | 0022 | −0.3 | −9 |
| | 1227 | 0.2 | 6 | | 0658 | 2.9 | 88 |
| | 1825 | 2.0 | 61 | | 1309 | −0.2 | −6 |
| | | | | | 1917 | 2.5 | 76 |
| **5** Tu | 0017 | −0.1 | −3 | **20** W ○ | 0114 | −0.4 | −12 |
| | 0656 | 2.6 | 79 | | 0744 | 2.9 | 88 |
| | 1307 | 0.0 | 0 | | 1353 | −0.3 | −9 |
| | 1908 | 2.1 | 64 | | 2002 | 2.6 | 79 |
| **6** W ● | 0102 | −0.2 | −6 | **21** Th | 0202 | −0.4 | −12 |
| | 0735 | 2.7 | 82 | | 0826 | 2.9 | 88 |
| | 1345 | −0.1 | −3 | | 1433 | −0.3 | −9 |
| | 1950 | 2.3 | 70 | | 2043 | 2.7 | 82 |
| **7** Th | 0145 | −0.3 | −9 | **22** F | 0247 | −0.3 | −9 |
| | 0813 | 2.8 | 85 | | 0904 | 2.8 | 85 |
| | 1422 | −0.2 | −6 | | 1510 | −0.2 | −6 |
| | 2031 | 2.4 | 73 | | 2122 | 2.7 | 82 |
| **8** F | 0229 | −0.3 | −9 | **23** Sa | 0329 | −0.2 | −6 |
| | 0851 | 2.8 | 85 | | 0940 | 2.6 | 79 |
| | 1500 | −0.3 | −9 | | 1545 | −0.2 | −6 |
| | 2112 | 2.6 | 79 | | 2159 | 2.7 | 82 |
| **9** Sa | 0314 | −0.3 | −9 | **24** Su | 0410 | −0.1 | −3 |
| | 0930 | 2.7 | 82 | | 1015 | 2.5 | 76 |
| | 1539 | −0.4 | −12 | | 1618 | −0.1 | −3 |
| | 2154 | 2.7 | 82 | | 2236 | 2.7 | 82 |
| **10** Su | 0401 | −0.3 | −9 | **25** M | 0451 | 0.1 | 3 |
| | 1010 | 2.6 | 79 | | 1050 | 2.3 | 70 |
| | 1620 | −0.4 | −12 | | 1653 | 0.0 | 0 |
| | 2240 | 2.8 | 85 | | 2314 | 2.6 | 79 |
| **11** M | 0451 | −0.2 | −6 | **26** Tu | 0532 | 0.2 | 6 |
| | 1054 | 2.5 | 76 | | 1126 | 2.1 | 64 |
| | 1705 | −0.4 | −12 | | 1730 | 0.2 | 6 |
| | 2328 | 2.8 | 85 | | 2355 | 2.5 | 76 |
| **12** Tu | 0546 | −0.1 | −3 | **27** W | 0617 | 0.4 | 12 |
| | 1142 | 2.3 | 70 | | 1207 | 2.0 | 61 |
| | 1755 | −0.3 | −9 | | 1812 | 0.3 | 9 |
| **13** W ◐ | 0022 | 2.7 | 82 | **28** Th ◑ | 0041 | 2.3 | 70 |
| | 0646 | 0.0 | 0 | | 0707 | 0.5 | 15 |
| | 1237 | 2.1 | 64 | | 1253 | 1.9 | 58 |
| | 1851 | −0.2 | −6 | | 1902 | 0.4 | 12 |
| **14** Th | 0123 | 2.7 | 82 | **29** F | 0134 | 2.3 | 70 |
| | 0754 | 0.1 | 3 | | 0804 | 0.6 | 18 |
| | 1340 | 2.0 | 61 | | 1348 | 1.8 | 55 |
| | 1956 | −0.1 | −3 | | 2000 | 0.4 | 12 |
| **15** F | 0234 | 2.6 | 79 | | | | |
| | 0908 | 0.2 | 6 | | | | |
| | 1455 | 1.9 | 58 | | | | |
| | 2106 | −0.1 | −3 | | | | |

## March

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Sa | 0236 | 2.2 | 67 | **16** Su | 0344 | 2.6 | 79 |
| | 0907 | 0.6 | 18 | | 1007 | 0.3 | 9 |
| | 1451 | 1.8 | 55 | | 1613 | 2.2 | 67 |
| | 2103 | 0.4 | 12 | | 2215 | 0.1 | 3 |
| **2** Su | 0343 | 2.2 | 67 | **17** M | 0455 | 2.7 | 82 |
| | 1007 | 0.6 | 18 | | 1108 | 0.2 | 6 |
| | 1558 | 1.9 | 58 | | 1720 | 2.4 | 73 |
| | 2204 | 0.3 | 9 | | 2319 | 0.0 | 0 |
| **3** M | 0445 | 2.4 | 73 | **18** Tu | 0553 | 2.7 | 82 |
| | 1101 | 0.4 | 12 | | 1200 | 0.1 | 3 |
| | 1659 | 2.0 | 61 | | 1814 | 2.5 | 76 |
| | 2300 | 0.2 | 6 | | | | |
| **4** Tu | 0537 | 2.5 | 76 | **19** W | 0014 | −0.1 | −3 |
| | 1147 | 0.3 | 9 | | 0642 | 2.8 | 85 |
| | 1751 | 2.2 | 67 | | 1245 | 0.0 | 0 |
| | 2351 | 0.0 | 0 | | 1900 | 2.7 | 82 |
| **5** W | 0622 | 2.7 | 82 | **20** Th | 0103 | −0.1 | −3 |
| | 1229 | 0.1 | 3 | | 0724 | 2.8 | 85 |
| | 1838 | 2.4 | 73 | | 1324 | 0.0 | 0 |
| | | | | | 1940 | 2.8 | 85 |
| **6** Th | 0038 | −0.1 | −3 | **21** F ○ | 0147 | −0.1 | −3 |
| | 0704 | 2.8 | 85 | | 0802 | 2.7 | 82 |
| | 1309 | −0.1 | −3 | | 1400 | −0.1 | −3 |
| | 1922 | 2.7 | 82 | | 2017 | 2.9 | 88 |
| **7** F ● | 0125 | −0.3 | −9 | **22** Sa | 0227 | −0.1 | −3 |
| | 0745 | 2.8 | 85 | | 0837 | 2.7 | 82 |
| | 1348 | −0.2 | −6 | | 1433 | 0.0 | 0 |
| | 2004 | 2.9 | 88 | | 2052 | 2.9 | 88 |
| **8** Sa | 0211 | −0.3 | −9 | **23** Su | 0306 | 0.0 | 0 |
| | 0826 | 2.9 | 88 | | 0910 | 2.6 | 79 |
| | 1429 | −0.4 | −12 | | 1506 | 0.0 | 0 |
| | 2048 | 3.1 | 94 | | 2126 | 2.9 | 88 |
| **9** Su | 0258 | −0.4 | −12 | **24** M | 0342 | 0.0 | 0 |
| | 0908 | 2.8 | 85 | | 0944 | 2.4 | 73 |
| | 1511 | −0.4 | −12 | | 1539 | 0.1 | 3 |
| | 2132 | 3.2 | 98 | | 2200 | 2.9 | 88 |
| **10** M | 0347 | −0.3 | −9 | **25** Tu | 0419 | 0.2 | 6 |
| | 0952 | 2.7 | 82 | | 1018 | 2.3 | 70 |
| | 1555 | −0.4 | −12 | | 1613 | 0.2 | 6 |
| | 2219 | 3.2 | 98 | | 2236 | 2.7 | 82 |
| **11** Tu | 0438 | −0.2 | −6 | **26** W | 0456 | 0.3 | 9 |
| | 1038 | 2.6 | 79 | | 1054 | 2.2 | 67 |
| | 1643 | −0.3 | −9 | | 1650 | 0.3 | 9 |
| | 2310 | 3.1 | 94 | | 2315 | 2.6 | 79 |
| **12** W | 0533 | 0.0 | 0 | **27** Th | 0537 | 0.5 | 15 |
| | 1129 | 2.4 | 73 | | 1134 | 2.1 | 64 |
| | 1736 | −0.1 | −3 | | 1733 | 0.4 | 12 |
| **13** Th | 0006 | 3.0 | 91 | **28** F | 0000 | 2.5 | 76 |
| | 0634 | 0.1 | 3 | | 0623 | 0.6 | 18 |
| | 1227 | 2.2 | 67 | | 1218 | 2.0 | 61 |
| | 1837 | 0.0 | 0 | | 1822 | 0.5 | 15 |
| **14** F ◐ | 0110 | 2.8 | 85 | **29** Sa ◑ | 0050 | 2.4 | 73 |
| | 0743 | 0.3 | 9 | | 0716 | 0.7 | 21 |
| | 1334 | 2.1 | 64 | | 1310 | 2.0 | 61 |
| | 1947 | 0.1 | 3 | | 1920 | 0.6 | 18 |
| **15** Sa | 0224 | 2.7 | 82 | **30** Su | 0149 | 2.3 | 70 |
| | 0856 | 0.3 | 9 | | 0816 | 0.7 | 21 |
| | 1453 | 2.1 | 64 | | 1411 | 2.0 | 61 |
| | 2103 | 0.2 | 6 | | 2023 | 0.6 | 18 |
| | | | | **31** M | 0252 | 2.3 | 70 |
| | | | | | 0916 | 0.6 | 18 |
| | | | | | 1516 | 2.1 | 64 |
| | | | | | 2127 | 0.5 | 15 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Chesapeake Bay Bridge Tunnel, Virginia, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0355 | 2.4 | 73 |
| | 1011 | 0.5 | 15 |
| | 1618 | 2.3 | 70 |
| | 2227 | 0.3 | 9 |
| **2** W | 0451 | 2.5 | 76 |
| | 1100 | 0.3 | 9 |
| | 1713 | 2.5 | 76 |
| | 2322 | 0.1 | 3 |
| **3** Th | 0542 | 2.7 | 82 |
| | 1146 | 0.1 | 3 |
| | 1803 | 2.8 | 85 |
| **4** F | 0014 | −0.1 | −3 |
| | 0629 | 2.8 | 85 |
| | 1230 | −0.1 | −3 |
| | 1851 | 3.1 | 94 |
| **5** Sa ● | 0104 | −0.2 | −6 |
| | 0715 | 2.8 | 85 |
| | 1314 | −0.2 | −6 |
| | 1937 | 3.3 | 101 |
| **6** Su | 0153 | −0.3 | −9 |
| | 0801 | 2.8 | 85 |
| | 1358 | −0.3 | −9 |
| | 2024 | 3.4 | 104 |
| **7** M | 0242 | −0.4 | −12 |
| | 0847 | 2.8 | 85 |
| | 1445 | −0.3 | −9 |
| | 2112 | 3.5 | 107 |
| **8** Tu | 0333 | −0.3 | −9 |
| | 0936 | 2.7 | 82 |
| | 1534 | −0.3 | −9 |
| | 2202 | 3.4 | 104 |
| **9** W | 0426 | −0.2 | −6 |
| | 1026 | 2.6 | 79 |
| | 1626 | −0.2 | −6 |
| | 2256 | 3.3 | 101 |
| **10** Th | 0522 | 0.0 | 0 |
| | 1121 | 2.5 | 76 |
| | 1724 | 0.0 | 0 |
| | 2354 | 3.1 | 94 |
| **11** F | 0624 | 0.2 | 6 |
| | 1222 | 2.4 | 73 |
| | 1829 | 0.1 | 3 |
| **12** Sa ◐ | 0100 | 2.9 | 88 |
| | 0731 | 0.3 | 9 |
| | 1332 | 2.3 | 70 |
| | 1942 | 0.3 | 9 |
| **13** Su | 0213 | 2.7 | 82 |
| | 0840 | 0.3 | 9 |
| | 1449 | 2.3 | 70 |
| | 2057 | 0.3 | 9 |
| **14** M | 0328 | 2.6 | 79 |
| | 0945 | 0.3 | 9 |
| | 1601 | 2.4 | 73 |
| | 2207 | 0.3 | 9 |
| **15** Tu | 0434 | 2.6 | 79 |
| | 1041 | 0.3 | 9 |
| | 1702 | 2.6 | 79 |
| | 2308 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0529 | 2.6 | 79 |
| | 1129 | 0.2 | 6 |
| | 1752 | 2.8 | 85 |
| **17** Th | 0000 | 0.1 | 3 |
| | 0616 | 2.6 | 79 |
| | 1211 | 0.2 | 6 |
| | 1835 | 2.9 | 88 |
| **18** F | 0046 | 0.1 | 3 |
| | 0657 | 2.6 | 79 |
| | 1248 | 0.1 | 3 |
| | 1913 | 3.0 | 91 |
| **19** Sa | 0128 | 0.1 | 3 |
| | 0734 | 2.5 | 76 |
| | 1323 | 0.1 | 3 |
| | 1948 | 3.0 | 91 |
| **20** Su ○ | 0206 | 0.1 | 3 |
| | 0809 | 2.5 | 76 |
| | 1357 | 0.2 | 6 |
| | 2021 | 3.0 | 91 |
| **21** M | 0241 | 0.1 | 3 |
| | 0843 | 2.4 | 73 |
| | 1430 | 0.2 | 6 |
| | 2055 | 3.0 | 91 |
| **22** Tu | 0316 | 0.2 | 6 |
| | 0917 | 2.4 | 73 |
| | 1505 | 0.3 | 9 |
| | 2130 | 2.9 | 88 |
| **23** W | 0351 | 0.2 | 6 |
| | 0952 | 2.3 | 70 |
| | 1541 | 0.3 | 9 |
| | 2206 | 2.8 | 85 |
| **24** Th | 0427 | 0.3 | 9 |
| | 1029 | 2.2 | 67 |
| | 1620 | 0.4 | 12 |
| | 2246 | 2.7 | 82 |
| **25** F | 0507 | 0.4 | 12 |
| | 1108 | 2.2 | 67 |
| | 1703 | 0.5 | 15 |
| | 2328 | 2.6 | 79 |
| **26** Sa | 0550 | 0.5 | 15 |
| | 1152 | 2.1 | 64 |
| | 1752 | 0.6 | 18 |
| **27** Su | 0016 | 2.5 | 76 |
| | 0640 | 0.6 | 18 |
| | 1242 | 2.1 | 64 |
| | 1847 | 0.6 | 18 |
| **28** M ◑ | 0108 | 2.4 | 73 |
| | 0733 | 0.6 | 18 |
| | 1338 | 2.2 | 67 |
| | 1948 | 0.6 | 18 |
| **29** Tu | 0205 | 2.4 | 73 |
| | 0829 | 0.5 | 15 |
| | 1438 | 2.3 | 70 |
| | 2052 | 0.5 | 15 |
| **30** W | 0304 | 2.4 | 73 |
| | 0922 | 0.4 | 12 |
| | 1538 | 2.5 | 76 |
| | 2155 | 0.3 | 9 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0403 | 2.5 | 76 |
| | 1014 | 0.2 | 6 |
| | 1636 | 2.8 | 85 |
| | 2253 | 0.2 | 6 |
| **2** F | 0500 | 2.5 | 76 |
| | 1104 | 0.0 | 0 |
| | 1729 | 3.1 | 94 |
| | 2349 | 0.0 | 0 |
| **3** Sa | 0554 | 2.6 | 79 |
| | 1153 | −0.1 | −3 |
| | 1821 | 3.3 | 101 |
| **4** Su | 0043 | −0.2 | −6 |
| | 0646 | 2.7 | 82 |
| | 1242 | −0.3 | −9 |
| | 1912 | 3.5 | 107 |
| **5** M ● | 0135 | −0.3 | −9 |
| | 0738 | 2.7 | 82 |
| | 1332 | −0.3 | −9 |
| | 2003 | 3.6 | 110 |
| **6** Tu | 0227 | −0.3 | −9 |
| | 0830 | 2.7 | 82 |
| | 1424 | −0.3 | −9 |
| | 2055 | 3.6 | 110 |
| **7** W | 0320 | −0.3 | −9 |
| | 0922 | 2.7 | 82 |
| | 1518 | −0.3 | −9 |
| | 2148 | 3.5 | 107 |
| **8** Th | 0414 | −0.2 | −6 |
| | 1016 | 2.6 | 79 |
| | 1614 | −0.1 | −3 |
| | 2244 | 3.3 | 101 |
| **9** F | 0511 | −0.1 | −3 |
| | 1114 | 2.6 | 79 |
| | 1715 | 0.0 | 0 |
| | 2343 | 3.1 | 94 |
| **10** Sa | 0611 | 0.1 | 3 |
| | 1216 | 2.5 | 76 |
| | 1821 | 0.2 | 6 |
| **11** Su ◐ | 0045 | 2.8 | 85 |
| | 0713 | 0.2 | 6 |
| | 1322 | 2.5 | 76 |
| | 1932 | 0.3 | 9 |
| **12** M | 0151 | 2.6 | 79 |
| | 0814 | 0.2 | 6 |
| | 1431 | 2.5 | 76 |
| | 2042 | 0.3 | 9 |
| **13** Tu | 0257 | 2.5 | 76 |
| | 0911 | 0.3 | 9 |
| | 1536 | 2.6 | 79 |
| | 2148 | 0.3 | 9 |
| **14** W | 0359 | 2.4 | 73 |
| | 1003 | 0.3 | 9 |
| | 1632 | 2.7 | 82 |
| | 2247 | 0.3 | 9 |
| **15** Th | 0454 | 2.3 | 70 |
| | 1049 | 0.2 | 6 |
| | 1721 | 2.8 | 85 |
| | 2339 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0542 | 2.3 | 70 |
| | 1131 | 0.2 | 6 |
| | 1803 | 2.9 | 88 |
| **17** Sa | 0024 | 0.2 | 6 |
| | 0625 | 2.3 | 70 |
| | 1209 | 0.2 | 6 |
| | 1841 | 2.9 | 88 |
| **18** Su | 0104 | 0.2 | 6 |
| | 0704 | 2.3 | 70 |
| | 1246 | 0.2 | 6 |
| | 1918 | 3.0 | 91 |
| **19** M ○ | 0142 | 0.2 | 6 |
| | 0741 | 2.3 | 70 |
| | 1323 | 0.2 | 6 |
| | 1953 | 3.0 | 91 |
| **20** Tu | 0217 | 0.2 | 6 |
| | 0817 | 2.3 | 70 |
| | 1400 | 0.3 | 9 |
| | 2029 | 2.9 | 88 |
| **21** W | 0252 | 0.2 | 6 |
| | 0853 | 2.3 | 70 |
| | 1438 | 0.3 | 9 |
| | 2106 | 2.9 | 88 |
| **22** Th | 0327 | 0.2 | 6 |
| | 0930 | 2.3 | 70 |
| | 1516 | 0.3 | 9 |
| | 2143 | 2.8 | 85 |
| **23** F | 0403 | 0.3 | 9 |
| | 1007 | 2.2 | 67 |
| | 1556 | 0.4 | 12 |
| | 2222 | 2.7 | 82 |
| **24** Sa | 0442 | 0.3 | 9 |
| | 1047 | 2.2 | 67 |
| | 1639 | 0.4 | 12 |
| | 2302 | 2.6 | 79 |
| **25** Su | 0523 | 0.4 | 12 |
| | 1130 | 2.2 | 67 |
| | 1727 | 0.5 | 15 |
| | 2346 | 2.5 | 76 |
| **26** M | 0608 | 0.4 | 12 |
| | 1217 | 2.3 | 70 |
| | 1820 | 0.5 | 15 |
| **27** Tu ◑ | 0033 | 2.5 | 76 |
| | 0656 | 0.3 | 9 |
| | 1309 | 2.4 | 73 |
| | 1919 | 0.5 | 15 |
| **28** W | 0125 | 2.4 | 73 |
| | 0746 | 0.3 | 9 |
| | 1405 | 2.5 | 76 |
| | 2022 | 0.4 | 12 |
| **29** Th | 0221 | 2.4 | 73 |
| | 0839 | 0.2 | 6 |
| | 1503 | 2.7 | 82 |
| | 2126 | 0.3 | 9 |
| **30** F | 0321 | 2.3 | 70 |
| | 0933 | 0.1 | 3 |
| | 1601 | 2.9 | 88 |
| | 2228 | 0.1 | 3 |
| **31** Sa | 0422 | 2.4 | 73 |
| | 1027 | −0.1 | −3 |
| | 1659 | 3.2 | 98 |
| | 2327 | 0.0 | 0 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0523 | 2.4 | 73 |
| | 1122 | −0.2 | −6 |
| | 1756 | 3.4 | 104 |
| **2** M | 0024 | −0.2 | −6 |
| | 0622 | 2.5 | 76 |
| | 1217 | −0.3 | −9 |
| | 1852 | 3.5 | 107 |
| **3** Tu ● | 0119 | −0.3 | −9 |
| | 0719 | 2.5 | 76 |
| | 1312 | −0.3 | −9 |
| | 1947 | 3.5 | 107 |
| **4** W | 0213 | −0.3 | −9 |
| | 0815 | 2.6 | 79 |
| | 1408 | −0.3 | −9 |
| | 2042 | 3.5 | 107 |
| **5** Th | 0307 | −0.3 | −9 |
| | 0910 | 2.6 | 79 |
| | 1505 | −0.3 | −9 |
| | 2137 | 3.4 | 104 |
| **6** F | 0401 | −0.2 | −6 |
| | 1006 | 2.6 | 79 |
| | 1603 | −0.2 | −6 |
| | 2231 | 3.2 | 98 |
| **7** Sa | 0455 | −0.2 | −6 |
| | 1102 | 2.6 | 79 |
| | 1704 | 0.0 | 0 |
| | 2326 | 3.0 | 91 |
| **8** Su | 0550 | 0.0 | 0 |
| | 1200 | 2.6 | 79 |
| | 1806 | 0.1 | 3 |
| **9** M | 0022 | 2.8 | 85 |
| | 0644 | 0.1 | 3 |
| | 1300 | 2.6 | 79 |
| | 1911 | 0.2 | 6 |
| **10** Tu ◐ | 0118 | 2.5 | 76 |
| | 0737 | 0.1 | 3 |
| | 1400 | 2.6 | 79 |
| | 2017 | 0.3 | 9 |
| **11** W | 0216 | 2.3 | 70 |
| | 0828 | 0.2 | 6 |
| | 1458 | 2.6 | 79 |
| | 2120 | 0.4 | 12 |
| **12** Th | 0314 | 2.2 | 67 |
| | 0917 | 0.3 | 9 |
| | 1553 | 2.7 | 82 |
| | 2218 | 0.4 | 12 |
| **13** F | 0410 | 2.1 | 64 |
| | 1003 | 0.3 | 9 |
| | 1642 | 2.7 | 82 |
| | 2310 | 0.4 | 12 |
| **14** Sa | 0502 | 2.0 | 61 |
| | 1048 | 0.3 | 9 |
| | 1727 | 2.8 | 85 |
| | 2356 | 0.3 | 9 |
| **15** Su | 0550 | 2.0 | 61 |
| | 1131 | 0.3 | 9 |
| | 1810 | 2.8 | 85 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0038 | 0.3 | 9 |
| | 0633 | 2.1 | 64 |
| | 1214 | 0.3 | 9 |
| | 1850 | 2.8 | 85 |
| **17** Tu | 0116 | 0.2 | 6 |
| | 0714 | 2.1 | 64 |
| | 1255 | 0.3 | 9 |
| | 1929 | 2.8 | 85 |
| **18** W ○ | 0152 | 0.2 | 6 |
| | 0753 | 2.2 | 67 |
| | 1335 | 0.2 | 6 |
| | 2008 | 2.8 | 85 |
| **19** Th | 0228 | 0.2 | 6 |
| | 0831 | 2.2 | 67 |
| | 1415 | 0.2 | 6 |
| | 2045 | 2.8 | 85 |
| **20** F | 0304 | 0.2 | 6 |
| | 0909 | 2.3 | 70 |
| | 1455 | 0.3 | 9 |
| | 2122 | 2.8 | 85 |
| **21** Sa | 0340 | 0.2 | 6 |
| | 0947 | 2.3 | 70 |
| | 1535 | 0.3 | 9 |
| | 2159 | 2.7 | 82 |
| **22** Su | 0417 | 0.2 | 6 |
| | 1026 | 2.3 | 70 |
| | 1618 | 0.3 | 9 |
| | 2237 | 2.7 | 82 |
| **23** M | 0455 | 0.2 | 6 |
| | 1107 | 2.4 | 73 |
| | 1705 | 0.3 | 9 |
| | 2317 | 2.6 | 79 |
| **24** Tu | 0536 | 0.1 | 3 |
| | 1152 | 2.5 | 76 |
| | 1757 | 0.4 | 12 |
| **25** W | 0002 | 2.5 | 76 |
| | 0621 | 0.1 | 3 |
| | 1241 | 2.6 | 79 |
| | 1854 | 0.4 | 12 |
| **26** Th ◑ | 0051 | 2.4 | 73 |
| | 0709 | 0.1 | 3 |
| | 1334 | 2.7 | 82 |
| | 1956 | 0.3 | 9 |
| **27** F | 0147 | 2.3 | 70 |
| | 0802 | 0.0 | 0 |
| | 1432 | 2.9 | 88 |
| | 2101 | 0.3 | 9 |
| **28** Sa | 0248 | 2.2 | 67 |
| | 0900 | 0.0 | 0 |
| | 1533 | 3.0 | 91 |
| | 2206 | 0.2 | 6 |
| **29** Su | 0354 | 2.2 | 67 |
| | 0959 | −0.1 | −3 |
| | 1636 | 3.2 | 98 |
| | 2309 | 0.0 | 0 |
| **30** M | 0501 | 2.3 | 70 |
| | 1100 | −0.1 | −3 |
| | 1739 | 3.3 | 101 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Chesapeake Bay Bridge Tunnel, Virginia, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0008 | −0.1 | −3 |
| | 0606 | 2.4 | 73 |
| | 1200 | −0.2 | −6 |
| | 1839 | 3.4 | 104 |
| **2** W ● | 0105 | −0.2 | −6 |
| | 0706 | 2.5 | 76 |
| | 1259 | −0.3 | −9 |
| | 1936 | 3.4 | 104 |
| **3** Th | 0159 | −0.3 | −9 |
| | 0803 | 2.6 | 79 |
| | 1357 | −0.3 | −9 |
| | 2031 | 3.4 | 104 |
| **4** F | 0252 | −0.3 | −9 |
| | 0858 | 2.7 | 82 |
| | 1454 | −0.3 | −9 |
| | 2123 | 3.3 | 101 |
| **5** Sa | 0343 | −0.2 | −6 |
| | 0951 | 2.7 | 82 |
| | 1550 | −0.2 | −6 |
| | 2213 | 3.1 | 94 |
| **6** Su | 0432 | −0.2 | −6 |
| | 1043 | 2.8 | 85 |
| | 1646 | 0.0 | 0 |
| | 2301 | 2.9 | 88 |
| **7** M | 0519 | −0.1 | −3 |
| | 1135 | 2.8 | 85 |
| | 1743 | 0.1 | 3 |
| | 2349 | 2.7 | 82 |
| **8** Tu | 0606 | 0.0 | 0 |
| | 1226 | 2.7 | 82 |
| | 1842 | 0.3 | 9 |
| **9** W ◐ | 0038 | 2.4 | 73 |
| | 0652 | 0.2 | 6 |
| | 1318 | 2.7 | 82 |
| | 1942 | 0.4 | 12 |
| **10** Th | 0128 | 2.2 | 67 |
| | 0739 | 0.3 | 9 |
| | 1411 | 2.7 | 82 |
| | 2043 | 0.5 | 15 |
| **11** F | 0222 | 2.0 | 61 |
| | 0827 | 0.4 | 12 |
| | 1505 | 2.7 | 82 |
| | 2141 | 0.5 | 15 |
| **12** Sa | 0320 | 1.9 | 58 |
| | 0916 | 0.4 | 12 |
| | 1558 | 2.7 | 82 |
| | 2235 | 0.5 | 15 |
| **13** Su | 0418 | 1.9 | 58 |
| | 1007 | 0.4 | 12 |
| | 1650 | 2.7 | 82 |
| | 2323 | 0.5 | 15 |
| **14** M | 0513 | 2.0 | 61 |
| | 1057 | 0.4 | 12 |
| | 1739 | 2.7 | 82 |
| **15** Tu | 0007 | 0.4 | 12 |
| | 0602 | 2.1 | 64 |
| | 1145 | 0.4 | 12 |
| | 1824 | 2.8 | 85 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0047 | 0.4 | 12 |
| | 0646 | 2.2 | 67 |
| | 1230 | 0.3 | 9 |
| | 1906 | 2.8 | 85 |
| **17** Th | 0125 | 0.3 | 9 |
| | 0727 | 2.3 | 70 |
| | 1312 | 0.3 | 9 |
| | 1945 | 2.9 | 88 |
| **18** F ○ | 0201 | 0.2 | 6 |
| | 0806 | 2.4 | 73 |
| | 1353 | 0.2 | 6 |
| | 2022 | 2.9 | 88 |
| **19** Sa | 0236 | 0.2 | 6 |
| | 0845 | 2.4 | 73 |
| | 1434 | 0.2 | 6 |
| | 2058 | 2.9 | 88 |
| **20** Su | 0311 | 0.1 | 3 |
| | 0923 | 2.5 | 76 |
| | 1515 | 0.2 | 6 |
| | 2134 | 2.8 | 85 |
| **21** M | 0347 | 0.1 | 3 |
| | 1001 | 2.6 | 79 |
| | 1559 | 0.2 | 6 |
| | 2211 | 2.8 | 85 |
| **22** Tu | 0424 | 0.0 | 0 |
| | 1042 | 2.7 | 82 |
| | 1645 | 0.3 | 9 |
| | 2251 | 2.7 | 82 |
| **23** W | 0504 | 0.0 | 0 |
| | 1126 | 2.8 | 85 |
| | 1737 | 0.3 | 9 |
| | 2335 | 2.5 | 76 |
| **24** Th | 0549 | 0.1 | 3 |
| | 1214 | 2.9 | 88 |
| | 1833 | 0.4 | 12 |
| **25** F ◑ | 0025 | 2.4 | 73 |
| | 0638 | 0.1 | 3 |
| | 1308 | 3.0 | 91 |
| | 1936 | 0.4 | 12 |
| **26** Sa | 0121 | 2.3 | 70 |
| | 0734 | 0.1 | 3 |
| | 1408 | 3.0 | 91 |
| | 2043 | 0.4 | 12 |
| **27** Su | 0226 | 2.2 | 67 |
| | 0837 | 0.1 | 3 |
| | 1514 | 3.1 | 94 |
| | 2151 | 0.3 | 9 |
| **28** M | 0337 | 2.2 | 67 |
| | 0943 | 0.1 | 3 |
| | 1623 | 3.1 | 94 |
| | 2256 | 0.2 | 6 |
| **29** Tu | 0450 | 2.3 | 70 |
| | 1049 | 0.0 | 0 |
| | 1730 | 3.2 | 98 |
| | 2357 | 0.1 | 3 |
| **30** W | 0557 | 2.5 | 76 |
| | 1152 | −0.1 | −3 |
| | 1831 | 3.3 | 101 |
| **31** Th | 0052 | 0.0 | 0 |
| | 0658 | 2.6 | 79 |
| | 1252 | −0.1 | −3 |
| | 1926 | 3.4 | 104 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0144 | −0.1 | −3 |
| | 0752 | 2.8 | 85 |
| | 1348 | −0.2 | −6 |
| | 2016 | 3.3 | 101 |
| **2** Sa | 0232 | −0.2 | −6 |
| | 0842 | 2.9 | 88 |
| | 1441 | −0.1 | −3 |
| | 2103 | 3.2 | 98 |
| **3** Su | 0317 | −0.1 | −3 |
| | 0930 | 3.0 | 91 |
| | 1533 | 0.0 | 0 |
| | 2148 | 3.1 | 94 |
| **4** M | 0400 | −0.1 | −3 |
| | 1016 | 3.0 | 91 |
| | 1623 | 0.1 | 3 |
| | 2231 | 2.9 | 88 |
| **5** Tu | 0441 | 0.0 | 0 |
| | 1101 | 3.0 | 91 |
| | 1714 | 0.3 | 9 |
| | 2313 | 2.6 | 79 |
| **6** W | 0521 | 0.2 | 6 |
| | 1145 | 2.9 | 88 |
| | 1806 | 0.4 | 12 |
| | 2356 | 2.4 | 73 |
| **7** Th | 0603 | 0.3 | 9 |
| | 1231 | 2.8 | 85 |
| | 1900 | 0.6 | 18 |
| **8** F ◐ | 0041 | 2.2 | 67 |
| | 0647 | 0.5 | 15 |
| | 1320 | 2.7 | 82 |
| | 1957 | 0.7 | 21 |
| **9** Sa | 0132 | 2.1 | 64 |
| | 0736 | 0.6 | 18 |
| | 1413 | 2.7 | 82 |
| | 2056 | 0.8 | 24 |
| **10** Su | 0229 | 2.0 | 61 |
| | 0831 | 0.6 | 18 |
| | 1512 | 2.6 | 79 |
| | 2153 | 0.8 | 24 |
| **11** M | 0333 | 2.0 | 61 |
| | 0929 | 0.7 | 21 |
| | 1612 | 2.7 | 82 |
| | 2245 | 0.7 | 21 |
| **12** Tu | 0434 | 2.1 | 64 |
| | 1026 | 0.6 | 18 |
| | 1707 | 2.7 | 82 |
| | 2332 | 0.6 | 18 |
| **13** W | 0528 | 2.2 | 67 |
| | 1117 | 0.5 | 15 |
| | 1755 | 2.8 | 85 |
| **14** Th | 0013 | 0.5 | 15 |
| | 0615 | 2.4 | 73 |
| | 1204 | 0.4 | 12 |
| | 1838 | 2.9 | 88 |
| **15** F | 0051 | 0.4 | 12 |
| | 0658 | 2.5 | 76 |
| | 1248 | 0.3 | 9 |
| | 1916 | 3.0 | 91 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0126 | 0.3 | 9 |
| | 0738 | 2.7 | 82 |
| | 1330 | 0.3 | 9 |
| | 1953 | 3.0 | 91 |
| **17** Su | 0202 | 0.2 | 6 |
| | 0816 | 2.8 | 85 |
| | 1412 | 0.2 | 6 |
| | 2030 | 3.0 | 91 |
| **18** M | 0237 | 0.1 | 3 |
| | 0855 | 3.0 | 91 |
| | 1455 | 0.2 | 6 |
| | 2107 | 3.0 | 91 |
| **19** Tu | 0314 | 0.0 | 0 |
| | 0934 | 3.1 | 94 |
| | 1540 | 0.2 | 6 |
| | 2146 | 2.9 | 88 |
| **20** W | 0353 | 0.0 | 0 |
| | 1016 | 3.2 | 98 |
| | 1627 | 0.3 | 9 |
| | 2228 | 2.8 | 85 |
| **21** Th | 0435 | 0.1 | 3 |
| | 1101 | 3.2 | 98 |
| | 1719 | 0.3 | 9 |
| | 2314 | 2.6 | 79 |
| **22** F | 0521 | 0.1 | 3 |
| | 1151 | 3.2 | 98 |
| | 1816 | 0.4 | 12 |
| **23** Sa ◑ | 0006 | 2.5 | 76 |
| | 0615 | 0.2 | 6 |
| | 1248 | 3.2 | 98 |
| | 1920 | 0.5 | 15 |
| **24** Su | 0106 | 2.4 | 73 |
| | 0716 | 0.3 | 9 |
| | 1352 | 3.1 | 94 |
| | 2030 | 0.5 | 15 |
| **25** M | 0216 | 2.3 | 70 |
| | 0825 | 0.4 | 12 |
| | 1505 | 3.1 | 94 |
| | 2141 | 0.5 | 15 |
| **26** Tu | 0334 | 2.4 | 73 |
| | 0937 | 0.3 | 9 |
| | 1618 | 3.1 | 94 |
| | 2247 | 0.4 | 12 |
| **27** W | 0449 | 2.5 | 76 |
| | 1046 | 0.3 | 9 |
| | 1725 | 3.2 | 98 |
| | 2345 | 0.3 | 9 |
| **28** Th | 0553 | 2.7 | 82 |
| | 1148 | 0.1 | 3 |
| | 1822 | 3.3 | 101 |
| **29** F | 0036 | 0.1 | 3 |
| | 0648 | 2.9 | 88 |
| | 1245 | 0.1 | 3 |
| | 1912 | 3.3 | 101 |
| **30** Sa ● | 0122 | 0.0 | 0 |
| | 0737 | 3.1 | 94 |
| | 1337 | 0.0 | 0 |
| | 1957 | 3.3 | 101 |
| **31** Su | 0205 | 0.0 | 0 |
| | 0822 | 3.2 | 98 |
| | 1426 | 0.1 | 3 |
| | 2039 | 3.2 | 98 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0245 | 0.0 | 0 |
| | 0904 | 3.2 | 98 |
| | 1512 | 0.1 | 3 |
| | 2119 | 3.0 | 91 |
| **2** Tu | 0322 | 0.1 | 3 |
| | 0944 | 3.2 | 98 |
| | 1557 | 0.3 | 9 |
| | 2158 | 2.8 | 85 |
| **3** W | 0359 | 0.2 | 6 |
| | 1023 | 3.2 | 98 |
| | 1642 | 0.4 | 12 |
| | 2236 | 2.6 | 79 |
| **4** Th | 0436 | 0.4 | 12 |
| | 1102 | 3.1 | 94 |
| | 1727 | 0.6 | 18 |
| | 2316 | 2.4 | 73 |
| **5** F | 0515 | 0.5 | 15 |
| | 1144 | 3.0 | 91 |
| | 1815 | 0.7 | 21 |
| | 2359 | 2.3 | 70 |
| **6** Sa | 0558 | 0.7 | 21 |
| | 1231 | 2.8 | 85 |
| | 1907 | 0.9 | 27 |
| **7** Su ◐ | 0047 | 2.2 | 67 |
| | 0649 | 0.8 | 24 |
| | 1324 | 2.7 | 82 |
| | 2005 | 0.9 | 27 |
| **8** M | 0144 | 2.1 | 64 |
| | 0748 | 0.9 | 27 |
| | 1425 | 2.7 | 82 |
| | 2105 | 1.0 | 30 |
| **9** Tu | 0249 | 2.1 | 64 |
| | 0852 | 0.9 | 27 |
| | 1529 | 2.7 | 82 |
| | 2201 | 0.9 | 27 |
| **10** W | 0355 | 2.2 | 67 |
| | 0952 | 0.8 | 24 |
| | 1627 | 2.7 | 82 |
| | 2249 | 0.8 | 24 |
| **11** Th | 0452 | 2.4 | 73 |
| | 1047 | 0.7 | 21 |
| | 1717 | 2.8 | 85 |
| | 2331 | 0.6 | 18 |
| **12** F | 0541 | 2.6 | 79 |
| | 1136 | 0.5 | 15 |
| | 1801 | 2.9 | 88 |
| **13** Sa | 0010 | 0.5 | 15 |
| | 0624 | 2.8 | 85 |
| | 1221 | 0.4 | 12 |
| | 1841 | 3.0 | 91 |
| **14** Su | 0047 | 0.3 | 9 |
| | 0705 | 3.0 | 91 |
| | 1306 | 0.3 | 9 |
| | 1920 | 3.1 | 94 |
| **15** M ○ | 0124 | 0.1 | 3 |
| | 0745 | 3.2 | 98 |
| | 1350 | 0.2 | 6 |
| | 2000 | 3.1 | 94 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0202 | 0.1 | 3 |
| | 0825 | 3.4 | 104 |
| | 1435 | 0.1 | 3 |
| | 2040 | 3.0 | 91 |
| **17** W | 0242 | 0.0 | 0 |
| | 0907 | 3.5 | 107 |
| | 1522 | 0.2 | 6 |
| | 2123 | 2.9 | 88 |
| **18** Th | 0324 | 0.0 | 0 |
| | 0952 | 3.5 | 107 |
| | 1611 | 0.2 | 6 |
| | 2208 | 2.8 | 85 |
| **19** F | 0410 | 0.1 | 3 |
| | 1040 | 3.5 | 107 |
| | 1704 | 0.3 | 9 |
| | 2258 | 2.7 | 82 |
| **20** Sa | 0501 | 0.2 | 6 |
| | 1134 | 3.4 | 104 |
| | 1803 | 0.5 | 15 |
| | 2354 | 2.5 | 76 |
| **21** Su | 0600 | 0.4 | 12 |
| | 1234 | 3.2 | 98 |
| | 1910 | 0.6 | 18 |
| **22** M ◑ | 0100 | 2.4 | 73 |
| | 0707 | 0.5 | 15 |
| | 1344 | 3.1 | 94 |
| | 2022 | 0.6 | 18 |
| **23** Tu | 0216 | 2.4 | 73 |
| | 0822 | 0.5 | 15 |
| | 1500 | 3.1 | 94 |
| | 2132 | 0.6 | 18 |
| **24** W | 0337 | 2.5 | 76 |
| | 0937 | 0.5 | 15 |
| | 1612 | 3.1 | 94 |
| | 2234 | 0.4 | 12 |
| **25** Th | 0447 | 2.7 | 82 |
| | 1045 | 0.4 | 12 |
| | 1714 | 3.1 | 94 |
| | 2327 | 0.3 | 9 |
| **26** F | 0545 | 2.9 | 88 |
| | 1144 | 0.3 | 9 |
| | 1807 | 3.1 | 94 |
| **27** Sa | 0014 | 0.2 | 6 |
| | 0634 | 3.1 | 94 |
| | 1236 | 0.2 | 6 |
| | 1853 | 3.1 | 94 |
| **28** Su | 0055 | 0.1 | 3 |
| | 0718 | 3.3 | 101 |
| | 1324 | 0.2 | 6 |
| | 1934 | 3.1 | 94 |
| **29** M ● | 0134 | 0.1 | 3 |
| | 0757 | 3.4 | 104 |
| | 1408 | 0.2 | 6 |
| | 2013 | 3.0 | 91 |
| **30** Tu | 0210 | 0.2 | 6 |
| | 0835 | 3.4 | 104 |
| | 1450 | 0.3 | 9 |
| | 2050 | 2.8 | 85 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Chesapeake Bay Bridge Tunnel, Virginia, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0245 | 0.3 | 9 |
| | 0911 | 3.3 | 101 |
| | 1530 | 0.4 | 12 |
| | 2126 | 2.7 | 82 |
| **2** Th | 0319 | 0.4 | 12 |
| | 0947 | 3.3 | 101 |
| | 1609 | 0.5 | 15 |
| | 2202 | 2.6 | 79 |
| **3** F | 0356 | 0.5 | 15 |
| | 1024 | 3.1 | 94 |
| | 1650 | 0.6 | 18 |
| | 2241 | 2.4 | 73 |
| **4** Sa | 0434 | 0.6 | 18 |
| | 1105 | 3.0 | 91 |
| | 1733 | 0.8 | 24 |
| | 2323 | 2.3 | 70 |
| **5** Su | 0518 | 0.8 | 24 |
| | 1150 | 2.8 | 85 |
| | 1821 | 0.9 | 27 |
| **6** M | 0010 | 2.2 | 67 |
| | 0609 | 0.9 | 27 |
| | 1241 | 2.7 | 82 |
| | 1916 | 0.9 | 27 |
| **7** Tu ◐ | 0105 | 2.2 | 67 |
| | 0707 | 0.9 | 27 |
| | 1338 | 2.6 | 79 |
| | 2014 | 0.9 | 27 |
| **8** W | 0208 | 2.2 | 67 |
| | 0811 | 0.9 | 27 |
| | 1439 | 2.6 | 79 |
| | 2110 | 0.9 | 27 |
| **9** Th | 0312 | 2.3 | 70 |
| | 0914 | 0.8 | 24 |
| | 1538 | 2.7 | 82 |
| | 2159 | 0.7 | 21 |
| **10** F | 0411 | 2.5 | 76 |
| | 1012 | 0.7 | 21 |
| | 1630 | 2.7 | 82 |
| | 2244 | 0.5 | 15 |
| **11** Sa | 0501 | 2.7 | 82 |
| | 1104 | 0.5 | 15 |
| | 1718 | 2.8 | 85 |
| | 2325 | 0.4 | 12 |
| **12** Su | 0547 | 3.0 | 91 |
| | 1154 | 0.4 | 12 |
| | 1803 | 2.9 | 88 |
| **13** M | 0006 | 0.2 | 6 |
| | 0631 | 3.3 | 101 |
| | 1241 | 0.2 | 6 |
| | 1847 | 2.9 | 88 |
| **14** Tu ○ | 0047 | 0.0 | 0 |
| | 0714 | 3.5 | 107 |
| | 1328 | 0.1 | 3 |
| | 1931 | 2.9 | 88 |
| **15** W | 0130 | −0.1 | −3 |
| | 0758 | 3.6 | 110 |
| | 1416 | 0.0 | 0 |
| | 2016 | 2.9 | 88 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0214 | −0.1 | −3 |
| | 0844 | 3.7 | 113 |
| | 1505 | 0.0 | 0 |
| | 2103 | 2.8 | 85 |
| **17** F | 0301 | −0.1 | −3 |
| | 0933 | 3.7 | 113 |
| | 1557 | 0.1 | 3 |
| | 2153 | 2.7 | 82 |
| **18** Sa | 0352 | 0.0 | 0 |
| | 1025 | 3.6 | 110 |
| | 1652 | 0.2 | 6 |
| | 2247 | 2.6 | 79 |
| **19** Su | 0448 | 0.2 | 6 |
| | 1121 | 3.4 | 104 |
| | 1753 | 0.3 | 9 |
| | 2348 | 2.5 | 76 |
| **20** M | 0551 | 0.3 | 9 |
| | 1224 | 3.2 | 98 |
| | 1859 | 0.4 | 12 |
| **21** Tu ◑ | 0058 | 2.5 | 76 |
| | 0703 | 0.4 | 12 |
| | 1334 | 3.0 | 91 |
| | 2008 | 0.5 | 15 |
| **22** W | 0215 | 2.5 | 76 |
| | 0819 | 0.5 | 15 |
| | 1447 | 2.9 | 88 |
| | 2114 | 0.4 | 12 |
| **23** Th | 0331 | 2.6 | 79 |
| | 0932 | 0.5 | 15 |
| | 1555 | 2.9 | 88 |
| | 2211 | 0.3 | 9 |
| **24** F | 0435 | 2.8 | 85 |
| | 1037 | 0.4 | 12 |
| | 1654 | 2.8 | 85 |
| | 2301 | 0.2 | 6 |
| **25** Sa | 0528 | 3.0 | 91 |
| | 1134 | 0.3 | 9 |
| | 1745 | 2.8 | 85 |
| | 2345 | 0.2 | 6 |
| **26** Su | 0614 | 3.1 | 94 |
| | 1223 | 0.3 | 9 |
| | 1829 | 2.7 | 82 |
| **27** M | 0024 | 0.1 | 3 |
| | 0654 | 3.2 | 98 |
| | 1308 | 0.2 | 6 |
| | 1909 | 2.7 | 82 |
| **28** Tu ● | 0101 | 0.1 | 3 |
| | 0731 | 3.3 | 101 |
| | 1349 | 0.2 | 6 |
| | 1947 | 2.6 | 79 |
| **29** W | 0137 | 0.2 | 6 |
| | 0807 | 3.3 | 101 |
| | 1427 | 0.2 | 6 |
| | 2023 | 2.5 | 76 |
| **30** Th | 0212 | 0.2 | 6 |
| | 0841 | 3.2 | 98 |
| | 1504 | 0.3 | 9 |
| | 2058 | 2.5 | 76 |
| **31** F | 0247 | 0.3 | 9 |
| | 0917 | 3.1 | 94 |
| | 1541 | 0.4 | 12 |
| | 2135 | 2.4 | 73 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0324 | 0.4 | 12 |
| | 0954 | 3.0 | 91 |
| | 1618 | 0.5 | 15 |
| | 2213 | 2.3 | 70 |
| **2** Su | 0403 | 0.5 | 15 |
| | 1034 | 2.9 | 88 |
| | 1659 | 0.6 | 18 |
| | 2254 | 2.2 | 67 |
| **3** M | 0446 | 0.6 | 18 |
| | 1117 | 2.7 | 82 |
| | 1743 | 0.7 | 21 |
| | 2340 | 2.2 | 67 |
| **4** Tu | 0534 | 0.7 | 21 |
| | 1203 | 2.6 | 79 |
| | 1832 | 0.7 | 21 |
| **5** W ◐ | 0031 | 2.1 | 64 |
| | 0629 | 0.8 | 24 |
| | 1253 | 2.5 | 76 |
| | 1924 | 0.7 | 21 |
| **6** Th | 0128 | 2.2 | 67 |
| | 0730 | 0.8 | 24 |
| | 1347 | 2.5 | 76 |
| | 2016 | 0.6 | 18 |
| **7** F | 0228 | 2.3 | 70 |
| | 0833 | 0.7 | 21 |
| | 1443 | 2.5 | 76 |
| | 2106 | 0.5 | 15 |
| **8** Sa | 0326 | 2.5 | 76 |
| | 0935 | 0.6 | 18 |
| | 1539 | 2.5 | 76 |
| | 2154 | 0.3 | 9 |
| **9** Su | 0419 | 2.8 | 85 |
| | 1032 | 0.4 | 12 |
| | 1633 | 2.5 | 76 |
| | 2241 | 0.1 | 3 |
| **10** M | 0510 | 3.0 | 91 |
| | 1126 | 0.2 | 6 |
| | 1725 | 2.6 | 79 |
| | 2328 | −0.1 | −3 |
| **11** Tu | 0559 | 3.3 | 101 |
| | 1218 | 0.0 | 0 |
| | 1816 | 2.6 | 79 |
| **12** W | 0015 | −0.2 | −6 |
| | 0647 | 3.5 | 107 |
| | 1308 | −0.1 | −3 |
| | 1906 | 2.7 | 82 |
| **13** Th ○ | 0103 | −0.3 | −9 |
| | 0736 | 3.6 | 110 |
| | 1359 | −0.2 | −6 |
| | 1956 | 2.7 | 82 |
| **14** F | 0153 | −0.3 | −9 |
| | 0827 | 3.6 | 110 |
| | 1451 | −0.2 | −6 |
| | 2048 | 2.7 | 82 |
| **15** Sa | 0245 | −0.3 | −9 |
| | 0919 | 3.6 | 110 |
| | 1544 | −0.1 | −3 |
| | 2142 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0340 | −0.2 | −6 |
| | 1013 | 3.4 | 104 |
| | 1640 | 0.0 | 0 |
| | 2239 | 2.5 | 76 |
| **17** M | 0439 | −0.1 | −3 |
| | 1111 | 3.2 | 98 |
| | 1740 | 0.1 | 3 |
| | 2341 | 2.5 | 76 |
| **18** Tu | 0543 | 0.1 | 3 |
| | 1211 | 3.0 | 91 |
| | 1842 | 0.1 | 3 |
| **19** W ◑ | 0049 | 2.5 | 76 |
| | 0653 | 0.2 | 6 |
| | 1315 | 2.8 | 85 |
| | 1944 | 0.2 | 6 |
| **20** Th | 0200 | 2.5 | 76 |
| | 0807 | 0.3 | 9 |
| | 1421 | 2.6 | 79 |
| | 2044 | 0.2 | 6 |
| **21** F | 0310 | 2.6 | 79 |
| | 0918 | 0.4 | 12 |
| | 1526 | 2.5 | 76 |
| | 2138 | 0.1 | 3 |
| **22** Sa | 0411 | 2.7 | 82 |
| | 1021 | 0.3 | 9 |
| | 1625 | 2.4 | 73 |
| | 2227 | 0.1 | 3 |
| **23** Su | 0503 | 2.8 | 85 |
| | 1117 | 0.3 | 9 |
| | 1717 | 2.3 | 70 |
| | 2312 | 0.1 | 3 |
| **24** M | 0549 | 2.9 | 88 |
| | 1206 | 0.2 | 6 |
| | 1803 | 2.3 | 70 |
| | 2353 | 0.1 | 3 |
| **25** Tu | 0629 | 3.0 | 91 |
| | 1250 | 0.2 | 6 |
| | 1845 | 2.2 | 67 |
| **26** W | 0031 | 0.1 | 3 |
| | 0707 | 3.0 | 91 |
| | 1329 | 0.1 | 3 |
| | 1923 | 2.2 | 67 |
| **27** Th ● | 0109 | 0.1 | 3 |
| | 0743 | 3.0 | 91 |
| | 1406 | 0.1 | 3 |
| | 2000 | 2.2 | 67 |
| **28** F | 0146 | 0.1 | 3 |
| | 0819 | 2.9 | 88 |
| | 1441 | 0.2 | 6 |
| | 2036 | 2.2 | 67 |
| **29** Sa | 0223 | 0.1 | 3 |
| | 0855 | 2.9 | 88 |
| | 1517 | 0.2 | 6 |
| | 2112 | 2.2 | 67 |
| **30** Su | 0301 | 0.2 | 6 |
| | 0932 | 2.8 | 85 |
| | 1553 | 0.3 | 9 |
| | 2150 | 2.1 | 64 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0339 | 0.3 | 9 |
| | 1009 | 2.7 | 82 |
| | 1631 | 0.3 | 9 |
| | 2230 | 2.1 | 64 |
| **2** Tu | 0421 | 0.3 | 9 |
| | 1048 | 2.6 | 79 |
| | 1711 | 0.3 | 9 |
| | 2313 | 2.1 | 64 |
| **3** W | 0506 | 0.4 | 12 |
| | 1129 | 2.5 | 76 |
| | 1753 | 0.3 | 9 |
| | 2359 | 2.1 | 64 |
| **4** Th | 0556 | 0.5 | 15 |
| | 1212 | 2.4 | 73 |
| | 1838 | 0.3 | 9 |
| **5** F ◐ | 0050 | 2.1 | 64 |
| | 0653 | 0.5 | 15 |
| | 1301 | 2.3 | 70 |
| | 1926 | 0.2 | 6 |
| **6** Sa | 0144 | 2.3 | 70 |
| | 0754 | 0.5 | 15 |
| | 1354 | 2.2 | 67 |
| | 2016 | 0.1 | 3 |
| **7** Su | 0241 | 2.5 | 76 |
| | 0858 | 0.4 | 12 |
| | 1451 | 2.2 | 67 |
| | 2108 | 0.0 | 0 |
| **8** M | 0338 | 2.7 | 82 |
| | 1000 | 0.2 | 6 |
| | 1551 | 2.2 | 67 |
| | 2201 | −0.1 | −3 |
| **9** Tu | 0435 | 2.9 | 88 |
| | 1100 | 0.0 | 0 |
| | 1651 | 2.2 | 67 |
| | 2255 | −0.3 | −9 |
| **10** W | 0531 | 3.1 | 94 |
| | 1156 | −0.1 | −3 |
| | 1749 | 2.3 | 70 |
| | 2349 | −0.4 | −12 |
| **11** Th | 0627 | 3.3 | 101 |
| | 1251 | −0.3 | −9 |
| | 1846 | 2.4 | 73 |
| **12** F ○ | 0044 | −0.5 | −15 |
| | 0721 | 3.4 | 104 |
| | 1345 | −0.4 | −12 |
| | 1942 | 2.4 | 73 |
| **13** Sa | 0138 | −0.6 | −18 |
| | 0815 | 3.4 | 104 |
| | 1438 | −0.4 | −12 |
| | 2037 | 2.5 | 76 |
| **14** Su | 0234 | −0.6 | −18 |
| | 0909 | 3.4 | 104 |
| | 1531 | −0.4 | −12 |
| | 2132 | 2.5 | 76 |
| **15** M | 0330 | −0.5 | −15 |
| | 1002 | 3.2 | 98 |
| | 1625 | −0.3 | −9 |
| | 2228 | 2.5 | 76 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0429 | −0.3 | −9 |
| | 1056 | 3.0 | 91 |
| | 1720 | −0.3 | −9 |
| | 2327 | 2.5 | 76 |
| **17** W | 0530 | −0.2 | −6 |
| | 1150 | 2.8 | 85 |
| | 1815 | −0.2 | −6 |
| **18** Th | 0028 | 2.4 | 73 |
| | 0635 | 0.0 | 0 |
| | 1246 | 2.5 | 76 |
| | 1910 | −0.1 | −3 |
| **19** F ◑ | 0131 | 2.4 | 73 |
| | 0743 | 0.2 | 6 |
| | 1344 | 2.3 | 70 |
| | 2004 | 0.0 | 0 |
| **20** Sa | 0234 | 2.5 | 76 |
| | 0851 | 0.2 | 6 |
| | 1445 | 2.1 | 64 |
| | 2057 | 0.0 | 0 |
| **21** Su | 0335 | 2.5 | 76 |
| | 0956 | 0.3 | 9 |
| | 1546 | 1.9 | 58 |
| | 2148 | 0.0 | 0 |
| **22** M | 0430 | 2.5 | 76 |
| | 1053 | 0.2 | 6 |
| | 1644 | 1.9 | 58 |
| | 2236 | 0.0 | 0 |
| **23** Tu | 0520 | 2.6 | 79 |
| | 1143 | 0.2 | 6 |
| | 1735 | 1.9 | 58 |
| | 2322 | 0.0 | 0 |
| **24** W | 0604 | 2.6 | 79 |
| | 1228 | 0.1 | 3 |
| | 1820 | 1.9 | 58 |
| **25** Th | 0005 | 0.0 | 0 |
| | 0646 | 2.7 | 82 |
| | 1308 | 0.1 | 3 |
| | 1900 | 2.0 | 61 |
| **26** F | 0046 | 0.0 | 0 |
| | 0724 | 2.7 | 82 |
| | 1345 | 0.1 | 3 |
| | 1939 | 2.0 | 61 |
| **27** Sa ● | 0126 | −0.1 | −3 |
| | 0801 | 2.7 | 82 |
| | 1420 | 0.0 | 0 |
| | 2016 | 2.0 | 61 |
| **28** Su | 0204 | −0.1 | −3 |
| | 0837 | 2.7 | 82 |
| | 1454 | 0.0 | 0 |
| | 2053 | 2.1 | 64 |
| **29** M | 0242 | 0.0 | 0 |
| | 0912 | 2.6 | 79 |
| | 1528 | 0.0 | 0 |
| | 2130 | 2.1 | 64 |
| **30** Tu | 0319 | 0.0 | 0 |
| | 0946 | 2.6 | 79 |
| | 1603 | 0.0 | 0 |
| | 2207 | 2.1 | 64 |
| **31** W | 0359 | 0.0 | 0 |
| | 1021 | 2.5 | 76 |
| | 1638 | 0.0 | 0 |
| | 2246 | 2.1 | 64 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Hampton Roads (Sewells Pt.), Virginia, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0323 | 2.2 | 67 |
| | 0944 | 0.3 | 9 |
| | 1537 | 1.8 | 55 |
| | 2144 | 0.1 | 3 |
| **2** W | 0419 | 2.2 | 67 |
| | 1042 | 0.3 | 9 |
| | 1631 | 1.7 | 52 |
| | 2235 | 0.1 | 3 |
| **3** Th | 0513 | 2.2 | 67 |
| | 1137 | 0.3 | 9 |
| | 1724 | 1.7 | 52 |
| | 2326 | 0.1 | 3 |
| **4** F | 0604 | 2.3 | 70 |
| | 1228 | 0.2 | 6 |
| | 1815 | 1.8 | 55 |
| **5** Sa | 0015 | 0.1 | 3 |
| | 0651 | 2.4 | 73 |
| | 1315 | 0.2 | 6 |
| | 1902 | 1.8 | 55 |
| **6** Su | 0102 | 0.0 | 0 |
| | 0735 | 2.5 | 76 |
| | 1358 | 0.1 | 3 |
| | 1946 | 1.9 | 58 |
| **7** M | 0146 | −0.1 | −3 |
| | 0816 | 2.5 | 76 |
| | 1439 | 0.0 | 0 |
| | 2027 | 2.0 | 61 |
| **8** Tu ● | 0228 | −0.1 | −3 |
| | 0856 | 2.6 | 79 |
| | 1518 | −0.1 | −3 |
| | 2107 | 2.0 | 61 |
| **9** W | 0309 | −0.2 | −6 |
| | 0933 | 2.6 | 79 |
| | 1556 | −0.2 | −6 |
| | 2147 | 2.1 | 64 |
| **10** Th | 0350 | −0.2 | −6 |
| | 1011 | 2.6 | 79 |
| | 1633 | −0.2 | −6 |
| | 2227 | 2.2 | 67 |
| **11** F | 0433 | −0.2 | −6 |
| | 1050 | 2.5 | 76 |
| | 1710 | −0.2 | −6 |
| | 2309 | 2.3 | 70 |
| **12** Sa | 0519 | −0.1 | −3 |
| | 1131 | 2.5 | 76 |
| | 1750 | −0.2 | −6 |
| | 2354 | 2.3 | 70 |
| **13** Su | 0608 | −0.1 | −3 |
| | 1215 | 2.3 | 70 |
| | 1832 | −0.2 | −6 |
| **14** M | 0043 | 2.4 | 73 |
| | 0703 | 0.0 | 0 |
| | 1305 | 2.2 | 67 |
| | 1919 | −0.2 | −6 |
| **15** Tu ◐ | 0137 | 2.5 | 76 |
| | 0804 | 0.0 | 0 |
| | 1400 | 2.1 | 64 |
| | 2012 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0238 | 2.5 | 76 |
| | 0911 | 0.1 | 3 |
| | 1502 | 2.0 | 61 |
| | 2111 | −0.2 | −6 |
| **17** Th | 0345 | 2.5 | 76 |
| | 1021 | 0.1 | 3 |
| | 1610 | 1.9 | 58 |
| | 2216 | −0.2 | −6 |
| **18** F | 0454 | 2.6 | 79 |
| | 1130 | 0.0 | 0 |
| | 1718 | 1.9 | 58 |
| | 2321 | −0.3 | −9 |
| **19** Sa | 0600 | 2.7 | 82 |
| | 1233 | −0.1 | −3 |
| | 1823 | 2.0 | 61 |
| **20** Su | 0024 | −0.4 | −12 |
| | 0702 | 2.8 | 85 |
| | 1330 | −0.2 | −6 |
| | 1922 | 2.2 | 67 |
| **21** M | 0123 | −0.4 | −12 |
| | 0757 | 2.9 | 88 |
| | 1421 | −0.3 | −9 |
| | 2016 | 2.3 | 70 |
| **22** Tu ○ | 0218 | −0.5 | −15 |
| | 0848 | 2.9 | 88 |
| | 1509 | −0.4 | −12 |
| | 2107 | 2.4 | 73 |
| **23** W | 0310 | −0.5 | −15 |
| | 0935 | 2.8 | 85 |
| | 1553 | −0.4 | −12 |
| | 2154 | 2.4 | 73 |
| **24** Th | 0359 | −0.4 | −12 |
| | 1019 | 2.7 | 82 |
| | 1635 | −0.4 | −12 |
| | 2239 | 2.5 | 76 |
| **25** F | 0446 | −0.3 | −9 |
| | 1101 | 2.6 | 79 |
| | 1715 | −0.3 | −9 |
| | 2323 | 2.4 | 73 |
| **26** Sa | 0533 | −0.2 | −6 |
| | 1142 | 2.4 | 73 |
| | 1754 | −0.2 | −6 |
| **27** Su | 0006 | 2.4 | 73 |
| | 0619 | 0.0 | 0 |
| | 1222 | 2.2 | 67 |
| | 1834 | −0.1 | −3 |
| **28** M | 0050 | 2.3 | 70 |
| | 0706 | 0.1 | 3 |
| | 1303 | 2.0 | 61 |
| | 1915 | 0.0 | 0 |
| **29** Tu | 0137 | 2.2 | 67 |
| | 0757 | 0.3 | 9 |
| | 1347 | 1.8 | 55 |
| | 1959 | 0.1 | 3 |
| **30** W ◑ | 0228 | 2.1 | 64 |
| | 0853 | 0.4 | 12 |
| | 1438 | 1.7 | 52 |
| | 2050 | 0.2 | 6 |
| **31** Th | 0326 | 2.1 | 64 |
| | 0953 | 0.4 | 12 |
| | 1535 | 1.6 | 49 |
| | 2146 | 0.2 | 6 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0427 | 2.1 | 64 |
| | 1054 | 0.4 | 12 |
| | 1636 | 1.6 | 49 |
| | 2244 | 0.2 | 6 |
| **2** Sa | 0527 | 2.2 | 67 |
| | 1152 | 0.4 | 12 |
| | 1736 | 1.7 | 52 |
| | 2341 | 0.2 | 6 |
| **3** Su | 0620 | 2.3 | 70 |
| | 1243 | 0.3 | 9 |
| | 1830 | 1.8 | 55 |
| **4** M | 0034 | 0.1 | 3 |
| | 0708 | 2.4 | 73 |
| | 1328 | 0.1 | 3 |
| | 1918 | 1.9 | 58 |
| **5** Tu | 0122 | 0.0 | 0 |
| | 0751 | 2.5 | 76 |
| | 1410 | 0.0 | 0 |
| | 2002 | 2.1 | 64 |
| **6** W ● | 0207 | −0.1 | −3 |
| | 0831 | 2.6 | 79 |
| | 1449 | −0.2 | −6 |
| | 2044 | 2.2 | 67 |
| **7** Th | 0251 | −0.2 | −6 |
| | 0910 | 2.7 | 82 |
| | 1526 | −0.3 | −9 |
| | 2124 | 2.4 | 73 |
| **8** F | 0335 | −0.3 | −9 |
| | 0949 | 2.7 | 82 |
| | 1603 | −0.3 | −9 |
| | 2205 | 2.5 | 76 |
| **9** Sa | 0419 | −0.3 | −9 |
| | 1029 | 2.6 | 79 |
| | 1642 | −0.4 | −12 |
| | 2248 | 2.6 | 79 |
| **10** Su | 0505 | −0.3 | −9 |
| | 1111 | 2.5 | 76 |
| | 1722 | −0.4 | −12 |
| | 2333 | 2.7 | 82 |
| **11** M | 0555 | −0.2 | −6 |
| | 1156 | 2.4 | 73 |
| | 1805 | −0.3 | −9 |
| **12** Tu | 0022 | 2.7 | 82 |
| | 0648 | −0.1 | −3 |
| | 1245 | 2.2 | 67 |
| | 1854 | −0.2 | −6 |
| **13** W ◐ | 0118 | 2.6 | 79 |
| | 0749 | 0.1 | 3 |
| | 1341 | 2.1 | 64 |
| | 1950 | −0.2 | −6 |
| **14** Th | 0220 | 2.6 | 79 |
| | 0856 | 0.2 | 6 |
| | 1445 | 2.0 | 61 |
| | 2053 | −0.1 | −3 |
| **15** F | 0331 | 2.5 | 76 |
| | 1008 | 0.2 | 6 |
| | 1556 | 1.9 | 58 |
| | 2202 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0444 | 2.6 | 79 |
| | 1117 | 0.2 | 6 |
| | 1708 | 2.0 | 61 |
| | 2312 | −0.1 | −3 |
| **17** Su | 0553 | 2.6 | 79 |
| | 1220 | 0.0 | 0 |
| | 1814 | 2.1 | 64 |
| **18** M | 0017 | −0.2 | −6 |
| | 0653 | 2.7 | 82 |
| | 1314 | −0.1 | −3 |
| | 1911 | 2.3 | 70 |
| **19** Tu | 0116 | −0.3 | −9 |
| | 0745 | 2.8 | 85 |
| | 1402 | −0.2 | −6 |
| | 2003 | 2.4 | 73 |
| **20** W ○ | 0208 | −0.3 | −9 |
| | 0832 | 2.8 | 85 |
| | 1445 | −0.3 | −9 |
| | 2049 | 2.6 | 79 |
| **21** Th | 0256 | −0.4 | −12 |
| | 0915 | 2.7 | 82 |
| | 1525 | −0.3 | −9 |
| | 2131 | 2.6 | 79 |
| **22** F | 0341 | −0.3 | −9 |
| | 0954 | 2.6 | 79 |
| | 1603 | −0.3 | −9 |
| | 2211 | 2.7 | 82 |
| **23** Sa | 0423 | −0.2 | −6 |
| | 1032 | 2.5 | 76 |
| | 1639 | −0.2 | −6 |
| | 2250 | 2.6 | 79 |
| **24** Su | 0505 | −0.1 | −3 |
| | 1107 | 2.4 | 73 |
| | 1714 | −0.1 | −3 |
| | 2328 | 2.6 | 79 |
| **25** M | 0545 | 0.0 | 0 |
| | 1143 | 2.2 | 67 |
| | 1750 | 0.0 | 0 |
| **26** Tu | 0007 | 2.5 | 76 |
| | 0627 | 0.2 | 6 |
| | 1220 | 2.1 | 64 |
| | 1828 | 0.1 | 3 |
| **27** W | 0049 | 2.3 | 70 |
| | 0713 | 0.4 | 12 |
| | 1300 | 1.9 | 58 |
| | 1910 | 0.2 | 6 |
| **28** Th ◑ | 0137 | 2.2 | 67 |
| | 0804 | 0.5 | 15 |
| | 1346 | 1.8 | 55 |
| | 2000 | 0.3 | 9 |
| **29** F | 0233 | 2.2 | 67 |
| | 0903 | 0.6 | 18 |
| | 1442 | 1.7 | 52 |
| | 2057 | 0.4 | 12 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0337 | 2.1 | 64 |
| | 1007 | 0.6 | 18 |
| | 1548 | 1.7 | 52 |
| | 2201 | 0.4 | 12 |
| **2** Su | 0442 | 2.2 | 67 |
| | 1108 | 0.5 | 15 |
| | 1654 | 1.8 | 55 |
| | 2305 | 0.3 | 9 |
| **3** M | 0541 | 2.3 | 70 |
| | 1202 | 0.4 | 12 |
| | 1753 | 2.0 | 61 |
| **4** Tu | 0003 | 0.2 | 6 |
| | 0632 | 2.4 | 73 |
| | 1249 | 0.2 | 6 |
| | 1845 | 2.2 | 67 |
| **5** W | 0055 | 0.1 | 3 |
| | 0718 | 2.6 | 79 |
| | 1332 | 0.0 | 0 |
| | 1931 | 2.4 | 73 |
| **6** Th | 0144 | −0.1 | −3 |
| | 0801 | 2.7 | 82 |
| | 1412 | −0.1 | −3 |
| | 2015 | 2.6 | 79 |
| **7** F ● | 0231 | −0.2 | −6 |
| | 0843 | 2.7 | 82 |
| | 1452 | −0.2 | −6 |
| | 2058 | 2.8 | 85 |
| **8** Sa | 0317 | −0.3 | −9 |
| | 0925 | 2.7 | 82 |
| | 1532 | −0.3 | −9 |
| | 2142 | 2.9 | 88 |
| **9** Su | 0403 | −0.3 | −9 |
| | 1008 | 2.7 | 82 |
| | 1613 | −0.3 | −9 |
| | 2227 | 3.0 | 91 |
| **10** M | 0451 | −0.3 | −9 |
| | 1053 | 2.6 | 79 |
| | 1657 | −0.3 | −9 |
| | 2314 | 3.0 | 91 |
| **11** Tu | 0542 | −0.2 | −6 |
| | 1140 | 2.5 | 76 |
| | 1744 | −0.2 | −6 |
| **12** W | 0006 | 2.9 | 88 |
| | 0636 | 0.0 | 0 |
| | 1231 | 2.3 | 70 |
| | 1836 | −0.1 | −3 |
| **13** Th | 0104 | 2.8 | 85 |
| | 0737 | 0.1 | 3 |
| | 1330 | 2.2 | 67 |
| | 1936 | 0.0 | 0 |
| **14** F ◐ | 0209 | 2.7 | 82 |
| | 0844 | 0.3 | 9 |
| | 1436 | 2.1 | 64 |
| | 2043 | 0.1 | 3 |
| **15** Sa | 0321 | 2.6 | 79 |
| | 0954 | 0.3 | 9 |
| | 1549 | 2.1 | 64 |
| | 2155 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0434 | 2.6 | 79 |
| | 1101 | 0.3 | 9 |
| | 1659 | 2.2 | 67 |
| | 2306 | 0.1 | 3 |
| **17** M | 0540 | 2.6 | 79 |
| | 1159 | 0.2 | 6 |
| | 1802 | 2.3 | 70 |
| **18** Tu | 0009 | 0.0 | 0 |
| | 0637 | 2.6 | 79 |
| | 1250 | 0.1 | 3 |
| | 1856 | 2.5 | 76 |
| **19** W | 0105 | −0.1 | −3 |
| | 0727 | 2.7 | 82 |
| | 1335 | 0.0 | 0 |
| | 1943 | 2.7 | 82 |
| **20** Th | 0154 | −0.1 | −3 |
| | 0810 | 2.7 | 82 |
| | 1415 | −0.1 | −3 |
| | 2026 | 2.8 | 85 |
| **21** F ○ | 0239 | −0.1 | −3 |
| | 0850 | 2.6 | 79 |
| | 1453 | −0.1 | −3 |
| | 2105 | 2.8 | 85 |
| **22** Sa | 0320 | −0.1 | −3 |
| | 0927 | 2.6 | 79 |
| | 1528 | −0.1 | −3 |
| | 2142 | 2.8 | 85 |
| **23** Su | 0359 | −0.1 | −3 |
| | 1002 | 2.5 | 76 |
| | 1603 | 0.0 | 0 |
| | 2218 | 2.8 | 85 |
| **24** M | 0437 | 0.0 | 0 |
| | 1035 | 2.4 | 73 |
| | 1638 | 0.1 | 3 |
| | 2254 | 2.7 | 82 |
| **25** Tu | 0515 | 0.2 | 6 |
| | 1109 | 2.3 | 70 |
| | 1713 | 0.2 | 6 |
| | 2331 | 2.6 | 79 |
| **26** W | 0555 | 0.3 | 9 |
| | 1145 | 2.2 | 67 |
| | 1750 | 0.3 | 9 |
| **27** Th | 0011 | 2.5 | 76 |
| | 0637 | 0.4 | 12 |
| | 1224 | 2.1 | 64 |
| | 1831 | 0.4 | 12 |
| **28** F | 0056 | 2.4 | 73 |
| | 0725 | 0.6 | 18 |
| | 1309 | 2.0 | 61 |
| | 1919 | 0.5 | 15 |
| **29** Sa ◑ | 0148 | 2.3 | 70 |
| | 0820 | 0.6 | 18 |
| | 1403 | 1.9 | 58 |
| | 2016 | 0.5 | 15 |
| **30** Su | 0249 | 2.3 | 70 |
| | 0920 | 0.6 | 18 |
| | 1506 | 1.9 | 58 |
| | 2121 | 0.5 | 15 |
| **31** M | 0353 | 2.3 | 70 |
| | 1019 | 0.6 | 18 |
| | 1612 | 2.0 | 61 |
| | 2227 | 0.5 | 15 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Hampton Roads (Sewells Pt.), Virginia, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0454 | 2.3 | 70 | **16** W | 0612 | 2.5 | 76 |
| | 1113 | 0.4 | 12 | | 1218 | 0.2 | 6 |
| | 1712 | 2.2 | 67 | | 1833 | 2.7 | 82 |
| | 2329 | 0.3 | 9 | | | | |
| **2** W | 0549 | 2.4 | 73 | **17** Th | 0048 | 0.1 | 3 |
| | 1203 | 0.3 | 9 | | 0700 | 2.5 | 76 |
| | 1807 | 2.5 | 76 | | 1301 | 0.1 | 3 |
| | | | | | 1918 | 2.8 | 85 |
| **3** Th | 0026 | 0.2 | 6 | **18** F | 0135 | 0.1 | 3 |
| | 0640 | 2.6 | 79 | | 0742 | 2.5 | 76 |
| | 1249 | 0.1 | 3 | | 1341 | 0.1 | 3 |
| | 1857 | 2.7 | 82 | | 1959 | 2.9 | 88 |
| **4** F | 0118 | 0.0 | 0 | **19** Sa | 0218 | 0.0 | 0 |
| | 0728 | 2.7 | 82 | | 0821 | 2.5 | 76 |
| | 1333 | −0.1 | −3 | | 1418 | 0.1 | 3 |
| | 1944 | 3.0 | 91 | | 2037 | 2.9 | 88 |
| **5** Sa | 0208 | −0.2 | −6 | **20** Su | 0257 | 0.0 | 0 |
| | 0814 | 2.7 | 82 | | 0858 | 2.4 | 73 |
| | 1417 | −0.2 | −6 | | 1455 | 0.1 | 3 |
| ● | 2031 | 3.1 | 94 | ○ | 2113 | 2.9 | 88 |
| **6** Su | 0258 | −0.3 | −9 | **21** M | 0336 | 0.1 | 3 |
| | 0900 | 2.7 | 82 | | 0933 | 2.4 | 73 |
| | 1502 | −0.3 | −9 | | 1531 | 0.1 | 3 |
| | 2119 | 3.3 | 101 | | 2149 | 2.8 | 85 |
| **7** M | 0347 | −0.3 | −9 | **22** Tu | 0413 | 0.2 | 6 |
| | 0947 | 2.7 | 82 | | 1007 | 2.3 | 70 |
| | 1548 | −0.3 | −9 | | 1606 | 0.2 | 6 |
| | 2208 | 3.3 | 101 | | 2226 | 2.8 | 85 |
| **8** Tu | 0437 | −0.2 | −6 | **23** W | 0451 | 0.2 | 6 |
| | 1035 | 2.6 | 79 | | 1042 | 2.2 | 67 |
| | 1636 | −0.3 | −9 | | 1642 | 0.3 | 9 |
| | 2259 | 3.2 | 98 | | 2303 | 2.7 | 82 |
| **9** W | 0530 | −0.1 | −3 | **24** Th | 0530 | 0.3 | 9 |
| | 1126 | 2.5 | 76 | | 1118 | 2.2 | 67 |
| | 1728 | −0.2 | −6 | | 1720 | 0.4 | 12 |
| | 2354 | 3.1 | 94 | | 2342 | 2.6 | 79 |
| **10** Th | 0626 | 0.0 | 0 | **25** F | 0611 | 0.4 | 12 |
| | 1221 | 2.4 | 73 | | 1158 | 2.1 | 64 |
| | 1824 | 0.0 | 0 | | 1802 | 0.4 | 12 |
| **11** F | 0053 | 2.9 | 88 | **26** Sa | 0025 | 2.5 | 76 |
| | 0726 | 0.2 | 6 | | 0655 | 0.5 | 15 |
| | 1322 | 2.3 | 70 | | 1243 | 2.1 | 64 |
| | 1927 | 0.1 | 3 | | 1849 | 0.5 | 15 |
| **12** Sa | 0158 | 2.8 | 85 | **27** Su | 0113 | 2.4 | 73 |
| | 0829 | 0.3 | 9 | | 0744 | 0.5 | 15 |
| | 1429 | 2.3 | 70 | | 1334 | 2.1 | 64 |
| ◐ | 2035 | 0.2 | 6 | | 1944 | 0.6 | 18 |
| **13** Su | 0308 | 2.6 | 79 | **28** M | 0207 | 2.4 | 73 |
| | 0934 | 0.3 | 9 | | 0836 | 0.5 | 15 |
| | 1538 | 2.3 | 70 | | 1432 | 2.1 | 64 |
| | 2146 | 0.3 | 9 | ◑ | 2046 | 0.5 | 15 |
| **14** M | 0416 | 2.6 | 79 | **29** Tu | 0305 | 2.3 | 70 |
| | 1035 | 0.3 | 9 | | 0930 | 0.5 | 15 |
| | 1644 | 2.4 | 73 | | 1533 | 2.3 | 70 |
| | 2254 | 0.2 | 6 | | 2152 | 0.5 | 15 |
| **15** Tu | 0518 | 2.5 | 76 | **30** W | 0406 | 2.3 | 70 |
| | 1129 | 0.2 | 6 | | 1023 | 0.3 | 9 |
| | 1742 | 2.5 | 76 | | 1632 | 2.5 | 76 |
| | 2355 | 0.2 | 6 | | 2256 | 0.3 | 9 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Th | 0504 | 2.4 | 73 | **16** F | 0024 | 0.2 | 6 |
| | 1115 | 0.2 | 6 | | 0626 | 2.3 | 70 |
| | 1729 | 2.7 | 82 | | 1223 | 0.2 | 6 |
| | 2356 | 0.2 | 6 | | 1848 | 2.8 | 85 |
| **2** F | 0600 | 2.5 | 76 | **17** Sa | 0111 | 0.2 | 6 |
| | 1205 | 0.0 | 0 | | 0710 | 2.2 | 67 |
| | 1823 | 2.9 | 88 | | 1305 | 0.2 | 6 |
| | | | | | 1930 | 2.8 | 85 |
| **3** Sa | 0052 | 0.0 | 0 | **18** Su | 0153 | 0.2 | 6 |
| | 0654 | 2.5 | 76 | | 0751 | 2.2 | 67 |
| | 1255 | −0.1 | −3 | | 1345 | 0.2 | 6 |
| | 1915 | 3.2 | 98 | | 2009 | 2.8 | 85 |
| **4** Su | 0146 | −0.1 | −3 | **19** M | 0234 | 0.2 | 6 |
| | 0745 | 2.6 | 79 | | 0829 | 2.2 | 67 |
| | 1345 | −0.2 | −6 | | 1424 | 0.2 | 6 |
| | 2007 | 3.3 | 101 | ○ | 2048 | 2.8 | 85 |
| **5** M | 0239 | −0.2 | −6 | **20** Tu | 0313 | 0.2 | 6 |
| | 0836 | 2.6 | 79 | | 0906 | 2.2 | 67 |
| | 1435 | −0.3 | −9 | | 1502 | 0.2 | 6 |
| ● | 2059 | 3.4 | 104 | | 2126 | 2.8 | 85 |
| **6** Tu | 0331 | −0.3 | −9 | **21** W | 0352 | 0.2 | 6 |
| | 0928 | 2.6 | 79 | | 0943 | 2.2 | 67 |
| | 1526 | −0.3 | −9 | | 1540 | 0.2 | 6 |
| | 2152 | 3.4 | 104 | | 2203 | 2.7 | 82 |
| **7** W | 0424 | −0.2 | −6 | **22** Th | 0430 | 0.2 | 6 |
| | 1020 | 2.6 | 79 | | 1020 | 2.2 | 67 |
| | 1619 | −0.3 | −9 | | 1619 | 0.3 | 9 |
| | 2246 | 3.3 | 101 | | 2241 | 2.7 | 82 |
| **8** Th | 0518 | −0.1 | −3 | **23** F | 0509 | 0.3 | 9 |
| | 1114 | 2.5 | 76 | | 1058 | 2.2 | 67 |
| | 1715 | −0.2 | −6 | | 1658 | 0.3 | 9 |
| | 2342 | 3.1 | 94 | | 2319 | 2.6 | 79 |
| **9** F | 0613 | 0.0 | 0 | **24** Sa | 0548 | 0.3 | 9 |
| | 1211 | 2.5 | 76 | | 1138 | 2.1 | 64 |
| | 1814 | 0.0 | 0 | | 1740 | 0.4 | 12 |
| **10** Sa | 0041 | 2.9 | 88 | **25** Su | 0000 | 2.5 | 76 |
| | 0710 | 0.1 | 3 | | 0629 | 0.3 | 9 |
| | 1312 | 2.4 | 73 | | 1221 | 2.2 | 67 |
| | 1917 | 0.1 | 3 | | 1826 | 0.4 | 12 |
| **11** Su | 0142 | 2.7 | 82 | **26** M | 0043 | 2.5 | 76 |
| | 0807 | 0.2 | 6 | | 0711 | 0.3 | 9 |
| | 1415 | 2.4 | 73 | | 1309 | 2.2 | 67 |
| ◐ | 2023 | 0.2 | 6 | | 1919 | 0.5 | 15 |
| **12** M | 0245 | 2.6 | 79 | **27** Tu | 0132 | 2.4 | 73 |
| | 0905 | 0.2 | 6 | | 0757 | 0.3 | 9 |
| | 1518 | 2.5 | 76 | | 1402 | 2.3 | 70 |
| | 2129 | 0.3 | 9 | ◑ | 2018 | 0.4 | 12 |
| **13** Tu | 0347 | 2.4 | 73 | **28** W | 0226 | 2.3 | 70 |
| | 1000 | 0.2 | 6 | | 0846 | 0.2 | 6 |
| | 1618 | 2.5 | 76 | | 1458 | 2.5 | 76 |
| | 2233 | 0.3 | 9 | | 2121 | 0.4 | 12 |
| **14** W | 0445 | 2.3 | 70 | **29** Th | 0324 | 2.3 | 70 |
| | 1051 | 0.2 | 6 | | 0938 | 0.2 | 6 |
| | 1713 | 2.6 | 79 | | 1556 | 2.6 | 79 |
| | 2332 | 0.3 | 9 | | 2226 | 0.3 | 9 |
| **15** Th | 0538 | 2.3 | 70 | **30** F | 0424 | 2.3 | 70 |
| | 1138 | 0.2 | 6 | | 1032 | 0.1 | 3 |
| | 1803 | 2.7 | 82 | | 1655 | 2.8 | 85 |
| | | | | | 2329 | 0.2 | 6 |
| | | | | **31** Sa | 0524 | 2.3 | 70 |
| | | | | | 1127 | 0.0 | 0 |
| | | | | | 1754 | 3.0 | 91 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Su | 0029 | 0.0 | 0 | **16** M | 0127 | 0.3 | 9 |
| | 0623 | 2.4 | 73 | | 0719 | 2.1 | 64 |
| | 1222 | −0.1 | −3 | | 1314 | 0.2 | 6 |
| | 1851 | 3.2 | 98 | | 1944 | 2.7 | 82 |
| **2** M | 0126 | −0.1 | −3 | **17** Tu | 0210 | 0.2 | 6 |
| | 0720 | 2.4 | 73 | | 0801 | 2.1 | 64 |
| | 1318 | −0.2 | −6 | | 1357 | 0.2 | 6 |
| | 1948 | 3.3 | 101 | | 2025 | 2.7 | 82 |
| **3** Tu | 0222 | −0.2 | −6 | **18** W | 0251 | 0.2 | 6 |
| | 0816 | 2.5 | 76 | | 0842 | 2.1 | 64 |
| | 1414 | −0.3 | −9 | | 1438 | 0.2 | 6 |
| ● | 2044 | 3.3 | 101 | ○ | 2105 | 2.7 | 82 |
| **4** W | 0316 | −0.2 | −6 | **19** Th | 0330 | 0.2 | 6 |
| | 0911 | 2.5 | 76 | | 0921 | 2.2 | 67 |
| | 1510 | −0.3 | −9 | | 1519 | 0.2 | 6 |
| | 2139 | 3.3 | 101 | | 2143 | 2.7 | 82 |
| **5** Th | 0409 | −0.2 | −6 | **20** F | 0408 | 0.2 | 6 |
| | 1006 | 2.6 | 79 | | 1000 | 2.2 | 67 |
| | 1606 | −0.3 | −9 | | 1558 | 0.2 | 6 |
| | 2233 | 3.2 | 98 | | 2220 | 2.7 | 82 |
| **6** F | 0502 | −0.2 | −6 | **21** Sa | 0445 | 0.2 | 6 |
| | 1101 | 2.6 | 79 | | 1038 | 2.2 | 67 |
| | 1703 | −0.2 | −6 | | 1639 | 0.3 | 9 |
| | 2328 | 3.0 | 91 | | 2257 | 2.6 | 79 |
| **7** Sa | 0554 | −0.1 | −3 | **22** Su | 0522 | 0.1 | 3 |
| | 1157 | 2.6 | 79 | | 1118 | 2.3 | 70 |
| | 1801 | −0.1 | −3 | | 1721 | 0.3 | 9 |
| | | | | | 2335 | 2.6 | 79 |
| **8** Su | 0022 | 2.9 | 88 | **23** M | 0600 | 0.1 | 3 |
| | 0646 | −0.1 | −3 | | 1159 | 2.3 | 70 |
| | 1253 | 2.5 | 76 | | 1807 | 0.3 | 9 |
| | 1900 | 0.1 | 3 | | | | |
| **9** M | 0117 | 2.6 | 79 | **24** Tu | 0017 | 2.5 | 76 |
| | 0737 | 0.0 | 0 | | 0639 | 0.1 | 3 |
| | 1351 | 2.5 | 76 | | 1244 | 2.4 | 73 |
| | 2001 | 0.2 | 6 | | 1858 | 0.3 | 9 |
| **10** Tu | 0213 | 2.4 | 73 | **25** W | 0102 | 2.4 | 73 |
| | 0828 | 0.1 | 3 | | 0721 | 0.1 | 3 |
| | 1448 | 2.5 | 76 | | 1333 | 2.5 | 76 |
| ◐ | 2103 | 0.3 | 9 | | 1954 | 0.3 | 9 |
| **11** W | 0309 | 2.3 | 70 | **26** Th | 0153 | 2.3 | 70 |
| | 0918 | 0.2 | 6 | | 0809 | 0.1 | 3 |
| | 1544 | 2.5 | 76 | | 1428 | 2.6 | 79 |
| | 2203 | 0.4 | 12 | ◑ | 2056 | 0.3 | 9 |
| **12** Th | 0404 | 2.1 | 64 | **27** F | 0250 | 2.2 | 67 |
| | 1007 | 0.2 | 6 | | 0901 | 0.1 | 3 |
| | 1637 | 2.6 | 79 | | 1527 | 2.8 | 85 |
| | 2300 | 0.4 | 12 | | 2201 | 0.3 | 9 |
| **13** F | 0457 | 2.1 | 64 | **28** Sa | 0352 | 2.2 | 67 |
| | 1056 | 0.3 | 9 | | 0958 | 0.0 | 0 |
| | 1728 | 2.6 | 79 | | 1629 | 2.9 | 88 |
| | 2353 | 0.3 | 9 | | 2307 | 0.2 | 6 |
| **14** Sa | 0547 | 2.0 | 61 | **29** Su | 0456 | 2.2 | 67 |
| | 1143 | 0.3 | 9 | | 1058 | −0.1 | −3 |
| | 1816 | 2.6 | 79 | | 1732 | 3.0 | 91 |
| **15** Su | 0042 | 0.3 | 9 | **30** M | 0010 | 0.1 | 3 |
| | 0635 | 2.0 | 61 | | 0600 | 2.2 | 67 |
| | 1229 | 0.3 | 9 | | 1159 | −0.1 | −3 |
| | 1901 | 2.7 | 82 | | 1834 | 3.1 | 94 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Hampton Roads (Sewells Pt.), Virginia, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0110 | 0.0 | 0 |
| | 0701 | 2.3 | 70 |
| | 1300 | −0.2 | −6 |
| | 1934 | 3.2 | 98 |
| **2** W ● | 0207 | −0.1 | −3 |
| | 0800 | 2.4 | 73 |
| | 1359 | −0.3 | −9 |
| | 2031 | 3.2 | 98 |
| **3** Th | 0300 | −0.2 | −6 |
| | 0856 | 2.5 | 76 |
| | 1457 | −0.3 | −9 |
| | 2125 | 3.2 | 98 |
| **4** F | 0351 | −0.2 | −6 |
| | 0950 | 2.6 | 79 |
| | 1553 | −0.3 | −9 |
| | 2217 | 3.1 | 94 |
| **5** Sa | 0440 | −0.2 | −6 |
| | 1043 | 2.7 | 82 |
| | 1648 | −0.2 | −6 |
| | 2307 | 3.0 | 91 |
| **6** Su | 0527 | −0.2 | −6 |
| | 1135 | 2.7 | 82 |
| | 1742 | 0.0 | 0 |
| | 2356 | 2.8 | 85 |
| **7** M | 0614 | −0.1 | −3 |
| | 1226 | 2.7 | 82 |
| | 1836 | 0.1 | 3 |
| **8** Tu | 0045 | 2.6 | 79 |
| | 0659 | 0.0 | 0 |
| | 1317 | 2.6 | 79 |
| | 1931 | 0.2 | 6 |
| **9** W ◐ | 0134 | 2.3 | 70 |
| | 0745 | 0.1 | 3 |
| | 1409 | 2.6 | 79 |
| | 2028 | 0.4 | 12 |
| **10** Th | 0225 | 2.2 | 67 |
| | 0832 | 0.2 | 6 |
| | 1502 | 2.5 | 76 |
| | 2125 | 0.5 | 15 |
| **11** F | 0317 | 2.0 | 61 |
| | 0921 | 0.3 | 9 |
| | 1556 | 2.5 | 76 |
| | 2223 | 0.5 | 15 |
| **12** Sa | 0411 | 1.9 | 58 |
| | 1012 | 0.4 | 12 |
| | 1651 | 2.5 | 76 |
| | 2318 | 0.5 | 15 |
| **13** Su | 0506 | 1.9 | 58 |
| | 1104 | 0.4 | 12 |
| | 1743 | 2.5 | 76 |
| **14** M | 0010 | 0.5 | 15 |
| | 0558 | 2.0 | 61 |
| | 1156 | 0.4 | 12 |
| | 1833 | 2.6 | 79 |
| **15** Tu | 0059 | 0.4 | 12 |
| | 0648 | 2.0 | 61 |
| | 1245 | 0.3 | 9 |
| | 1919 | 2.7 | 82 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0143 | 0.3 | 9 |
| | 0733 | 2.1 | 64 |
| | 1332 | 0.3 | 9 |
| | 2002 | 2.7 | 82 |
| **17** Th | 0225 | 0.3 | 9 |
| | 0816 | 2.2 | 67 |
| | 1415 | 0.2 | 6 |
| | 2041 | 2.8 | 85 |
| **18** F ○ | 0303 | 0.2 | 6 |
| | 0857 | 2.3 | 70 |
| | 1457 | 0.2 | 6 |
| | 2119 | 2.8 | 85 |
| **19** Sa | 0340 | 0.1 | 3 |
| | 0936 | 2.4 | 73 |
| | 1539 | 0.2 | 6 |
| | 2156 | 2.8 | 85 |
| **20** Su | 0416 | 0.1 | 3 |
| | 1014 | 2.4 | 73 |
| | 1620 | 0.2 | 6 |
| | 2233 | 2.7 | 82 |
| **21** M | 0452 | 0.1 | 3 |
| | 1053 | 2.5 | 76 |
| | 1703 | 0.2 | 6 |
| | 2311 | 2.6 | 79 |
| **22** Tu | 0528 | 0.0 | 0 |
| | 1134 | 2.6 | 79 |
| | 1748 | 0.2 | 6 |
| | 2352 | 2.6 | 79 |
| **23** W | 0607 | 0.0 | 0 |
| | 1219 | 2.7 | 82 |
| | 1839 | 0.3 | 9 |
| **24** Th | 0037 | 2.4 | 73 |
| | 0650 | 0.1 | 3 |
| | 1308 | 2.8 | 85 |
| | 1934 | 0.3 | 9 |
| **25** F ◑ | 0128 | 2.3 | 70 |
| | 0738 | 0.1 | 3 |
| | 1404 | 2.8 | 85 |
| | 2036 | 0.4 | 12 |
| **26** Sa | 0226 | 2.2 | 67 |
| | 0833 | 0.1 | 3 |
| | 1505 | 2.9 | 88 |
| | 2143 | 0.4 | 12 |
| **27** Su | 0330 | 2.2 | 67 |
| | 0935 | 0.1 | 3 |
| | 1612 | 2.9 | 88 |
| | 2251 | 0.3 | 9 |
| **28** M | 0438 | 2.2 | 67 |
| | 1041 | 0.1 | 3 |
| | 1720 | 3.0 | 91 |
| | 2357 | 0.2 | 6 |
| **29** Tu | 0545 | 2.3 | 70 |
| | 1147 | 0.0 | 0 |
| | 1824 | 3.1 | 94 |
| **30** W | 0056 | 0.1 | 3 |
| | 0649 | 2.4 | 73 |
| | 1250 | −0.1 | −3 |
| | 1923 | 3.2 | 98 |
| **31** Th | 0151 | 0.0 | 0 |
| | 0747 | 2.6 | 79 |
| | 1349 | −0.1 | −3 |
| | 2018 | 3.2 | 98 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0241 | −0.1 | −3 |
| | 0841 | 2.7 | 82 |
| | 1445 | −0.2 | −6 |
| | 2108 | 3.2 | 98 |
| **2** Sa | 0327 | −0.1 | −3 |
| | 0931 | 2.8 | 85 |
| | 1538 | −0.1 | −3 |
| | 2156 | 3.1 | 94 |
| **3** Su | 0412 | −0.1 | −3 |
| | 1020 | 2.9 | 88 |
| | 1628 | −0.1 | −3 |
| | 2241 | 2.9 | 88 |
| **4** M | 0454 | −0.1 | −3 |
| | 1106 | 2.9 | 88 |
| | 1718 | 0.1 | 3 |
| | 2325 | 2.7 | 82 |
| **5** Tu | 0536 | 0.0 | 0 |
| | 1152 | 2.8 | 85 |
| | 1806 | 0.2 | 6 |
| **6** W | 0008 | 2.5 | 76 |
| | 0617 | 0.1 | 3 |
| | 1238 | 2.8 | 85 |
| | 1856 | 0.4 | 12 |
| **7** Th | 0052 | 2.3 | 70 |
| | 0659 | 0.3 | 9 |
| | 1325 | 2.7 | 82 |
| | 1948 | 0.5 | 15 |
| **8** F ◐ | 0138 | 2.2 | 67 |
| | 0745 | 0.4 | 12 |
| | 1416 | 2.6 | 79 |
| | 2043 | 0.6 | 18 |
| **9** Sa | 0228 | 2.0 | 61 |
| | 0834 | 0.5 | 15 |
| | 1512 | 2.5 | 76 |
| | 2141 | 0.7 | 21 |
| **10** Su | 0324 | 2.0 | 61 |
| | 0929 | 0.6 | 18 |
| | 1611 | 2.5 | 76 |
| | 2240 | 0.7 | 21 |
| **11** M | 0423 | 2.0 | 61 |
| | 1027 | 0.6 | 18 |
| | 1709 | 2.5 | 76 |
| | 2336 | 0.7 | 21 |
| **12** Tu | 0522 | 2.0 | 61 |
| | 1124 | 0.5 | 15 |
| | 1802 | 2.6 | 79 |
| **13** W | 0026 | 0.6 | 18 |
| | 0616 | 2.1 | 64 |
| | 1217 | 0.5 | 15 |
| | 1850 | 2.7 | 82 |
| **14** Th | 0111 | 0.5 | 15 |
| | 0704 | 2.3 | 70 |
| | 1306 | 0.4 | 12 |
| | 1933 | 2.8 | 85 |
| **15** F | 0152 | 0.3 | 9 |
| | 0748 | 2.4 | 73 |
| | 1351 | 0.3 | 9 |
| | 2012 | 2.8 | 85 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0230 | 0.2 | 6 |
| | 0828 | 2.6 | 79 |
| | 1435 | 0.2 | 6 |
| | 2051 | 2.9 | 88 |
| **17** Su | 0306 | 0.1 | 3 |
| | 0907 | 2.7 | 82 |
| | 1517 | 0.2 | 6 |
| | 2128 | 2.9 | 88 |
| **18** M | 0342 | 0.1 | 3 |
| | 0946 | 2.8 | 85 |
| | 1600 | 0.2 | 6 |
| | 2207 | 2.8 | 85 |
| **19** Tu | 0418 | 0.0 | 0 |
| | 1026 | 2.9 | 88 |
| | 1644 | 0.2 | 6 |
| | 2247 | 2.8 | 85 |
| **20** W | 0456 | 0.0 | 0 |
| | 1109 | 3.0 | 91 |
| | 1731 | 0.2 | 6 |
| | 2329 | 2.6 | 79 |
| **21** Th | 0537 | 0.1 | 3 |
| | 1155 | 3.0 | 91 |
| | 1822 | 0.3 | 9 |
| **22** F | 0016 | 2.5 | 76 |
| | 0623 | 0.1 | 3 |
| | 1247 | 3.0 | 91 |
| | 1919 | 0.4 | 12 |
| **23** Sa ◑ | 0109 | 2.4 | 73 |
| | 0716 | 0.2 | 6 |
| | 1346 | 3.0 | 91 |
| | 2023 | 0.5 | 15 |
| **24** Su | 0210 | 2.3 | 70 |
| | 0816 | 0.3 | 9 |
| | 1453 | 2.9 | 88 |
| | 2132 | 0.5 | 15 |
| **25** M | 0319 | 2.3 | 70 |
| | 0924 | 0.3 | 9 |
| | 1604 | 3.0 | 91 |
| | 2241 | 0.5 | 15 |
| **26** Tu | 0431 | 2.3 | 70 |
| | 1034 | 0.3 | 9 |
| | 1713 | 3.0 | 91 |
| | 2344 | 0.4 | 12 |
| **27** W | 0538 | 2.4 | 73 |
| | 1141 | 0.2 | 6 |
| | 1815 | 3.1 | 94 |
| **28** Th | 0040 | 0.2 | 6 |
| | 0639 | 2.6 | 79 |
| | 1243 | 0.1 | 3 |
| | 1911 | 3.1 | 94 |
| **29** F | 0130 | 0.1 | 3 |
| | 0733 | 2.8 | 85 |
| | 1340 | 0.0 | 0 |
| | 2001 | 3.1 | 94 |
| **30** Sa ● | 0216 | 0.0 | 0 |
| | 0823 | 3.0 | 91 |
| | 1431 | 0.0 | 0 |
| | 2047 | 3.1 | 94 |
| **31** Su | 0259 | 0.0 | 0 |
| | 0909 | 3.1 | 94 |
| | 1520 | 0.0 | 0 |
| | 2130 | 3.0 | 91 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0339 | 0.0 | 0 |
| | 0952 | 3.1 | 94 |
| | 1605 | 0.1 | 3 |
| | 2211 | 2.9 | 88 |
| **2** Tu | 0418 | 0.1 | 3 |
| | 1033 | 3.1 | 94 |
| | 1650 | 0.2 | 6 |
| | 2251 | 2.7 | 82 |
| **3** W | 0456 | 0.2 | 6 |
| | 1115 | 3.0 | 91 |
| | 1734 | 0.4 | 12 |
| | 2330 | 2.5 | 76 |
| **4** Th | 0535 | 0.3 | 9 |
| | 1157 | 2.9 | 88 |
| | 1819 | 0.5 | 15 |
| **5** F | 0009 | 2.4 | 73 |
| | 0615 | 0.5 | 15 |
| | 1241 | 2.8 | 85 |
| | 1907 | 0.7 | 21 |
| **6** Sa | 0052 | 2.2 | 67 |
| | 0659 | 0.6 | 18 |
| | 1331 | 2.6 | 79 |
| | 1959 | 0.8 | 24 |
| **7** Su ◐ | 0141 | 2.1 | 64 |
| | 0750 | 0.7 | 21 |
| | 1427 | 2.5 | 76 |
| | 2058 | 0.9 | 27 |
| **8** M | 0238 | 2.1 | 64 |
| | 0848 | 0.7 | 21 |
| | 1528 | 2.5 | 76 |
| | 2158 | 0.9 | 27 |
| **9** Tu | 0342 | 2.1 | 64 |
| | 0950 | 0.8 | 24 |
| | 1629 | 2.5 | 76 |
| | 2255 | 0.8 | 24 |
| **10** W | 0445 | 2.1 | 64 |
| | 1051 | 0.7 | 21 |
| | 1725 | 2.6 | 79 |
| | 2346 | 0.7 | 21 |
| **11** Th | 0541 | 2.3 | 70 |
| | 1147 | 0.6 | 18 |
| | 1813 | 2.7 | 82 |
| **12** F | 0031 | 0.5 | 15 |
| | 0630 | 2.5 | 76 |
| | 1238 | 0.5 | 15 |
| | 1857 | 2.8 | 85 |
| **13** Sa | 0111 | 0.4 | 12 |
| | 0714 | 2.7 | 82 |
| | 1325 | 0.4 | 12 |
| | 1939 | 2.9 | 88 |
| **14** Su | 0150 | 0.2 | 6 |
| | 0756 | 2.9 | 88 |
| | 1410 | 0.2 | 6 |
| | 2019 | 2.9 | 88 |
| **15** M ○ | 0228 | 0.1 | 3 |
| | 0836 | 3.1 | 94 |
| | 1454 | 0.2 | 6 |
| | 2059 | 2.9 | 88 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0306 | 0.1 | 3 |
| | 0918 | 3.2 | 98 |
| | 1539 | 0.1 | 3 |
| | 2140 | 2.9 | 88 |
| **17** W | 0346 | 0.0 | 0 |
| | 1001 | 3.3 | 101 |
| | 1626 | 0.2 | 6 |
| | 2224 | 2.8 | 85 |
| **18** Th | 0428 | 0.0 | 0 |
| | 1047 | 3.3 | 101 |
| | 1715 | 0.2 | 6 |
| | 2309 | 2.7 | 82 |
| **19** F | 0513 | 0.1 | 3 |
| | 1137 | 3.3 | 101 |
| | 1808 | 0.3 | 9 |
| **20** Sa | 0000 | 2.6 | 79 |
| | 0604 | 0.2 | 6 |
| | 1232 | 3.2 | 98 |
| | 1908 | 0.5 | 15 |
| **21** Su | 0057 | 2.4 | 73 |
| | 0702 | 0.3 | 9 |
| | 1335 | 3.1 | 94 |
| | 2013 | 0.5 | 15 |
| **22** M ◑ | 0203 | 2.4 | 73 |
| | 0807 | 0.4 | 12 |
| | 1445 | 3.0 | 91 |
| | 2121 | 0.6 | 18 |
| **23** Tu | 0315 | 2.4 | 73 |
| | 0919 | 0.4 | 12 |
| | 1556 | 2.9 | 88 |
| | 2227 | 0.5 | 15 |
| **24** W | 0426 | 2.5 | 76 |
| | 1031 | 0.4 | 12 |
| | 1703 | 2.9 | 88 |
| | 2327 | 0.4 | 12 |
| **25** Th | 0530 | 2.6 | 79 |
| | 1137 | 0.3 | 9 |
| | 1802 | 3.0 | 91 |
| **26** F | 0019 | 0.3 | 9 |
| | 0627 | 2.8 | 85 |
| | 1235 | 0.2 | 6 |
| | 1854 | 3.0 | 91 |
| **27** Sa | 0105 | 0.2 | 6 |
| | 0716 | 3.0 | 91 |
| | 1328 | 0.2 | 6 |
| | 1940 | 3.0 | 91 |
| **28** Su | 0148 | 0.1 | 3 |
| | 0801 | 3.1 | 94 |
| | 1415 | 0.1 | 3 |
| | 2023 | 2.9 | 88 |
| **29** M ● | 0227 | 0.1 | 3 |
| | 0843 | 3.2 | 98 |
| | 1459 | 0.1 | 3 |
| | 2103 | 2.8 | 85 |
| **30** Tu | 0305 | 0.1 | 3 |
| | 0923 | 3.2 | 98 |
| | 1541 | 0.2 | 6 |
| | 2141 | 2.7 | 82 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Hampton Roads (Sewells Pt.), Virginia, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 W | 0342 | 0.2 | 6 | 16 Th | 0318 | −0.1 | −3 |
| | 1002 | 3.1 | 94 | | 0939 | 3.4 | 104 |
| | 1622 | 0.3 | 9 | | 1609 | 0.0 | 0 |
| | 2217 | 2.6 | 79 | | 2203 | 2.7 | 82 |
| 2 Th | 0419 | 0.3 | 9 | 17 F | 0404 | −0.1 | −3 |
| | 1040 | 3.0 | 91 | | 1029 | 3.4 | 104 |
| | 1703 | 0.4 | 12 | | 1701 | 0.1 | 3 |
| | 2254 | 2.5 | 76 | | 2254 | 2.6 | 79 |
| 3 F | 0456 | 0.4 | 12 | 18 Sa | 0455 | 0.0 | 0 |
| | 1120 | 2.9 | 88 | | 1123 | 3.3 | 101 |
| | 1745 | 0.6 | 18 | | 1757 | 0.2 | 6 |
| | 2332 | 2.3 | 70 | | 2348 | 2.5 | 76 |
| 4 Sa | 0536 | 0.5 | 15 | 19 Su | 0551 | 0.1 | 3 |
| | 1202 | 2.8 | 85 | | 1221 | 3.2 | 98 |
| | 1830 | 0.7 | 21 | | 1856 | 0.3 | 9 |
| 5 Su | 0013 | 2.2 | 67 | 20 M | 0049 | 2.5 | 76 |
| | 0619 | 0.6 | 18 | | 0652 | 0.3 | 9 |
| | 1249 | 2.6 | 79 | | 1325 | 3.0 | 91 |
| | 1920 | 0.8 | 24 | | 2000 | 0.4 | 12 |
| 6 M | 0101 | 2.1 | 64 | 21 Tu ◑ | 0157 | 2.4 | 73 |
| | 0709 | 0.7 | 21 | | 0801 | 0.4 | 12 |
| | 1342 | 2.5 | 76 | | 1433 | 2.9 | 88 |
| | 2015 | 0.9 | 27 | | 2104 | 0.4 | 12 |
| 7 Tu ◐ | 0158 | 2.1 | 64 | 22 W | 0307 | 2.5 | 76 |
| | 0807 | 0.8 | 24 | | 0913 | 0.4 | 12 |
| | 1441 | 2.5 | 76 | | 1542 | 2.8 | 85 |
| | 2113 | 0.8 | 24 | | 2205 | 0.4 | 12 |
| 8 W | 0301 | 2.1 | 64 | 23 Th | 0415 | 2.6 | 79 |
| | 0911 | 0.8 | 24 | | 1023 | 0.4 | 12 |
| | 1541 | 2.5 | 76 | | 1645 | 2.7 | 82 |
| | 2208 | 0.8 | 24 | | 2301 | 0.3 | 9 |
| 9 Th | 0404 | 2.2 | 67 | 24 F | 0515 | 2.7 | 82 |
| | 1015 | 0.8 | 24 | | 1126 | 0.3 | 9 |
| | 1638 | 2.5 | 76 | | 1741 | 2.7 | 82 |
| | 2259 | 0.6 | 18 | | 2351 | 0.2 | 6 |
| 10 F | 0501 | 2.4 | 73 | 25 Sa | 0608 | 2.9 | 88 |
| | 1113 | 0.6 | 18 | | 1222 | 0.2 | 6 |
| | 1729 | 2.6 | 79 | | 1831 | 2.7 | 82 |
| | 2344 | 0.5 | 15 | | | | |
| 11 Sa | 0551 | 2.6 | 79 | 26 Su | 0036 | 0.2 | 6 |
| | 1207 | 0.5 | 15 | | 0655 | 3.0 | 91 |
| | 1817 | 2.7 | 82 | | 1312 | 0.2 | 6 |
| | | | | | 1916 | 2.6 | 79 |
| 12 Su | 0027 | 0.3 | 9 | 27 M | 0117 | 0.1 | 3 |
| | 0637 | 2.9 | 88 | | 0738 | 3.1 | 94 |
| | 1257 | 0.3 | 9 | | 1357 | 0.2 | 6 |
| | 1902 | 2.8 | 85 | | 1957 | 2.6 | 79 |
| 13 M | 0109 | 0.2 | 6 | 28 Tu ● | 0156 | 0.1 | 3 |
| | 0722 | 3.1 | 94 | | 0818 | 3.1 | 94 |
| | 1345 | 0.2 | 6 | | 1438 | 0.2 | 6 |
| | 1947 | 2.8 | 85 | | 2036 | 2.5 | 76 |
| 14 Tu ○ | 0150 | 0.0 | 0 | 29 W | 0234 | 0.1 | 3 |
| | 0807 | 3.3 | 101 | | 0857 | 3.1 | 94 |
| | 1432 | 0.1 | 3 | | 1518 | 0.2 | 6 |
| | 2031 | 2.8 | 85 | | 2112 | 2.5 | 76 |
| 15 W | 0233 | 0.0 | 0 | 30 Th | 0311 | 0.2 | 6 |
| | 0852 | 3.4 | 104 | | 0934 | 3.0 | 91 |
| | 1520 | 0.0 | 0 | | 1557 | 0.3 | 9 |
| | 2116 | 2.8 | 85 | | 2148 | 2.4 | 73 |
| | | | | 31 F | 0348 | 0.3 | 9 |
| | | | | | 1012 | 2.9 | 88 |
| | | | | | 1637 | 0.4 | 12 |
| | | | | | 2225 | 2.3 | 70 |

## November

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Sa | 0425 | 0.3 | 9 | 16 Su | 0442 | −0.2 | −6 |
| | 1051 | 2.8 | 85 | | 1111 | 3.2 | 98 |
| | 1717 | 0.5 | 15 | | 1743 | 0.0 | 0 |
| | 2302 | 2.2 | 67 | | 2338 | 2.5 | 76 |
| 2 Su | 0505 | 0.4 | 12 | 17 M | 0540 | −0.1 | −3 |
| | 1131 | 2.7 | 82 | | 1209 | 3.0 | 91 |
| | 1800 | 0.6 | 18 | | 1840 | 0.0 | 0 |
| | 2343 | 2.1 | 64 | | | | |
| 3 M | 0547 | 0.5 | 15 | 18 Tu | 0039 | 2.4 | 73 |
| | 1214 | 2.6 | 79 | | 0643 | 0.1 | 3 |
| | 1845 | 0.6 | 18 | | 1310 | 2.8 | 85 |
| | | | | | 1938 | 0.1 | 3 |
| 4 Tu | 0030 | 2.1 | 64 | 19 W | 0143 | 2.4 | 73 |
| | 0634 | 0.6 | 18 | | 0750 | 0.2 | 6 |
| | 1301 | 2.5 | 76 | | 1413 | 2.6 | 79 |
| | 1934 | 0.6 | 18 | ◑ | 2037 | 0.1 | 3 |
| 5 W ◐ | 0122 | 2.1 | 64 | 20 Th | 0249 | 2.4 | 73 |
| | 0729 | 0.7 | 21 | | 0858 | 0.3 | 9 |
| | 1353 | 2.4 | 73 | | 1516 | 2.5 | 76 |
| | 2025 | 0.6 | 18 | | 2133 | 0.1 | 3 |
| 6 Th | 0220 | 2.1 | 64 | 21 F | 0353 | 2.5 | 76 |
| | 0831 | 0.7 | 21 | | 1006 | 0.3 | 9 |
| | 1449 | 2.4 | 73 | | 1617 | 2.4 | 73 |
| | 2116 | 0.5 | 15 | | 2227 | 0.1 | 3 |
| 7 F | 0319 | 2.2 | 67 | 22 Sa | 0451 | 2.6 | 79 |
| | 0935 | 0.6 | 18 | | 1107 | 0.2 | 6 |
| | 1546 | 2.4 | 73 | | 1713 | 2.3 | 70 |
| | 2206 | 0.4 | 12 | | 2317 | 0.1 | 3 |
| 8 Sa | 0416 | 2.4 | 73 | 23 Su | 0544 | 2.7 | 82 |
| | 1036 | 0.5 | 15 | | 1203 | 0.2 | 6 |
| | 1642 | 2.4 | 73 | | 1803 | 2.3 | 70 |
| | 2255 | 0.3 | 9 | | | | |
| 9 Su | 0510 | 2.6 | 79 | 24 M | 0003 | 0.1 | 3 |
| | 1134 | 0.3 | 9 | | 0631 | 2.8 | 85 |
| | 1735 | 2.4 | 73 | | 1252 | 0.2 | 6 |
| | 2342 | 0.1 | 3 | | 1849 | 2.2 | 67 |
| 10 M | 0601 | 2.9 | 88 | 25 Tu | 0047 | 0.1 | 3 |
| | 1229 | 0.2 | 6 | | 0715 | 2.8 | 85 |
| | 1826 | 2.5 | 76 | | 1336 | 0.1 | 3 |
| | | | | | 1931 | 2.2 | 67 |
| 11 Tu | 0030 | 0.0 | 0 | 26 W | 0128 | 0.0 | 0 |
| | 0651 | 3.1 | 94 | | 0756 | 2.8 | 85 |
| | 1321 | 0.0 | 0 | | 1418 | 0.1 | 3 |
| | 1916 | 2.6 | 79 | | 2010 | 2.2 | 67 |
| 12 W | 0117 | −0.2 | −6 | 27 Th | 0208 | 0.0 | 0 |
| | 0741 | 3.3 | 101 | | 0835 | 2.8 | 85 |
| | 1412 | −0.1 | −3 | | 1458 | 0.1 | 3 |
| | 2006 | 2.6 | 79 | ● | 2048 | 2.2 | 67 |
| 13 Th ○ | 0206 | −0.3 | −9 | 28 F | 0246 | 0.1 | 3 |
| | 0832 | 3.4 | 104 | | 0913 | 2.8 | 85 |
| | 1503 | −0.1 | −3 | | 1537 | 0.1 | 3 |
| | 2056 | 2.6 | 79 | | 2125 | 2.2 | 67 |
| 14 F | 0256 | −0.3 | −9 | 29 Sa | 0325 | 0.1 | 3 |
| | 0923 | 3.4 | 104 | | 0951 | 2.7 | 82 |
| | 1555 | −0.1 | −3 | | 1615 | 0.2 | 6 |
| | 2147 | 2.6 | 79 | | 2202 | 2.1 | 64 |
| 15 Sa | 0348 | −0.3 | −9 | 30 Su | 0403 | 0.1 | 3 |
| | 1016 | 3.3 | 101 | | 1028 | 2.6 | 79 |
| | 1648 | −0.1 | −3 | | 1654 | 0.2 | 6 |
| | 2241 | 2.5 | 76 | | 2240 | 2.1 | 64 |

## December

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0441 | 0.2 | 6 | 16 Tu | 0529 | −0.3 | −9 |
| | 1106 | 2.5 | 76 | | 1152 | 2.8 | 85 |
| | 1733 | 0.2 | 6 | | 1816 | −0.3 | −9 |
| | 2320 | 2.0 | 61 | | | | |
| 2 Tu | 0522 | 0.3 | 9 | 17 W | 0021 | 2.4 | 73 |
| | 1144 | 2.5 | 76 | | 0628 | −0.2 | −6 |
| | 1813 | 0.3 | 9 | | 1247 | 2.6 | 79 |
| | | | | | 1908 | −0.2 | −6 |
| 3 W | 0003 | 2.0 | 61 | 18 Th | 0120 | 2.4 | 73 |
| | 0607 | 0.4 | 12 | | 0730 | 0.0 | 0 |
| | 1226 | 2.4 | 73 | | 1343 | 2.4 | 73 |
| | 1854 | 0.3 | 9 | | 2001 | −0.1 | −3 |
| 4 Th | 0049 | 2.1 | 64 | 19 F | 0219 | 2.4 | 73 |
| | 0656 | 0.4 | 12 | | 0833 | 0.1 | 3 |
| | 1311 | 2.3 | 70 | | 1441 | 2.2 | 67 |
| | 1938 | 0.3 | 9 | ◑ | 2054 | 0.0 | 0 |
| 5 F ◐ | 0140 | 2.1 | 64 | 20 Sa | 0319 | 2.4 | 73 |
| | 0753 | 0.4 | 12 | | 0937 | 0.2 | 6 |
| | 1401 | 2.2 | 67 | | 1539 | 2.0 | 61 |
| | 2025 | 0.2 | 6 | | 2147 | 0.0 | 0 |
| 6 Sa | 0235 | 2.2 | 67 | 21 Su | 0418 | 2.4 | 73 |
| | 0855 | 0.4 | 12 | | 1039 | 0.2 | 6 |
| | 1457 | 2.1 | 64 | | 1636 | 1.9 | 58 |
| | 2115 | 0.1 | 3 | | 2239 | 0.1 | 3 |
| 7 Su | 0332 | 2.4 | 73 | 22 M | 0513 | 2.4 | 73 |
| | 0959 | 0.3 | 9 | | 1136 | 0.2 | 6 |
| | 1556 | 2.1 | 64 | | 1730 | 1.9 | 58 |
| | 2207 | 0.0 | 0 | | 2329 | 0.0 | 0 |
| 8 M | 0431 | 2.6 | 79 | 23 Tu | 0605 | 2.5 | 76 |
| | 1102 | 0.2 | 6 | | 1228 | 0.2 | 6 |
| | 1655 | 2.1 | 64 | | 1820 | 1.9 | 58 |
| | 2302 | −0.1 | −3 | | | | |
| 9 Tu | 0529 | 2.8 | 85 | 24 W | 0017 | 0.0 | 0 |
| | 1202 | 0.0 | 0 | | 0652 | 2.5 | 76 |
| | 1754 | 2.2 | 67 | | 1314 | 0.1 | 3 |
| | 2356 | −0.2 | −6 | | 1905 | 1.9 | 58 |
| 10 W | 0626 | 3.0 | 91 | 25 Th | 0103 | 0.0 | 0 |
| | 1300 | −0.1 | −3 | | 0736 | 2.5 | 76 |
| | 1850 | 2.2 | 67 | | 1357 | 0.1 | 3 |
| | | | | | 1947 | 1.9 | 58 |
| 11 Th | 0051 | −0.4 | −12 | 26 F | 0146 | 0.0 | 0 |
| | 0722 | 3.1 | 94 | | 0817 | 2.6 | 79 |
| | 1355 | −0.2 | −6 | | 1438 | 0.0 | 0 |
| | 1945 | 2.3 | 70 | | 2027 | 2.0 | 61 |
| 12 F | 0146 | −0.5 | −15 | 27 Sa | 0227 | −0.1 | −3 |
| | 0817 | 3.2 | 98 | | 0856 | 2.6 | 79 |
| | 1448 | −0.3 | −9 | | 1516 | 0.0 | 0 |
| ○ | 2040 | 2.4 | 73 | ● | 2106 | 2.0 | 61 |
| 13 Sa | 0241 | −0.5 | −15 | 28 Su | 0306 | −0.1 | −3 |
| | 0911 | 3.2 | 98 | | 0932 | 2.6 | 79 |
| | 1541 | −0.4 | −12 | | 1554 | 0.0 | 0 |
| | 2134 | 2.4 | 73 | | 2143 | 2.0 | 61 |
| 14 Su | 0336 | −0.5 | −15 | 29 M | 0345 | 0.0 | 0 |
| | 1005 | 3.1 | 94 | | 1008 | 2.5 | 76 |
| | 1633 | −0.4 | −12 | | 1630 | 0.0 | 0 |
| | 2228 | 2.5 | 76 | | 2220 | 2.0 | 61 |
| 15 M | 0432 | −0.4 | −12 | 30 Tu | 0423 | 0.0 | 0 |
| | 1058 | 3.0 | 91 | | 1042 | 2.5 | 76 |
| | 1724 | −0.3 | −9 | | 1705 | 0.0 | 0 |
| | 2324 | 2.5 | 76 | | 2258 | 2.1 | 64 |
| | | | | 31 W | 0502 | 0.0 | 0 |
| | | | | | 1118 | 2.4 | 73 |
| | | | | | 1740 | 0.0 | 0 |
| | | | | | 2336 | 2.1 | 64 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Duck Pier, North Carolina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0148 | 3.0 | 91 |
| | 0814 | 0.7 | 21 |
| | 1345 | 2.3 | 70 |
| | 2001 | 0.3 | 9 |
| **2** W | 0243 | 3.0 | 91 |
| | 0916 | 0.6 | 18 |
| | 1442 | 2.2 | 67 |
| | 2050 | 0.3 | 9 |
| **3** Th | 0335 | 3.1 | 94 |
| | 1012 | 0.6 | 18 |
| | 1539 | 2.2 | 67 |
| | 2139 | 0.3 | 9 |
| **4** F | 0423 | 3.2 | 98 |
| | 1100 | 0.5 | 15 |
| | 1632 | 2.3 | 70 |
| | 2227 | 0.2 | 6 |
| **5** Sa | 0508 | 3.3 | 101 |
| | 1142 | 0.3 | 9 |
| | 1719 | 2.4 | 73 |
| | 2312 | 0.1 | 3 |
| **6** Su | 0549 | 3.4 | 104 |
| | 1221 | 0.2 | 6 |
| | 1803 | 2.5 | 76 |
| | 2355 | 0.1 | 3 |
| **7** M | 0629 | 3.5 | 107 |
| | 1258 | 0.1 | 3 |
| | 1844 | 2.6 | 79 |
| **8** Tu ● | 0037 | 0.0 | 0 |
| | 0707 | 3.6 | 110 |
| | 1334 | −0.1 | −3 |
| | 1924 | 2.7 | 82 |
| **9** W | 0119 | −0.1 | −3 |
| | 0745 | 3.7 | 113 |
| | 1410 | −0.2 | −6 |
| | 2004 | 2.8 | 85 |
| **10** Th | 0201 | −0.1 | −3 |
| | 0823 | 3.7 | 113 |
| | 1447 | −0.2 | −6 |
| | 2044 | 2.9 | 88 |
| **11** F | 0244 | −0.1 | −3 |
| | 0902 | 3.6 | 110 |
| | 1525 | −0.3 | −9 |
| | 2127 | 3.0 | 91 |
| **12** Sa | 0331 | −0.1 | −3 |
| | 0943 | 3.4 | 104 |
| | 1605 | −0.3 | −9 |
| | 2212 | 3.1 | 94 |
| **13** Su | 0421 | 0.0 | 0 |
| | 1027 | 3.3 | 101 |
| | 1648 | −0.3 | −9 |
| | 2302 | 3.2 | 98 |
| **14** M | 0516 | 0.1 | 3 |
| | 1116 | 3.0 | 91 |
| | 1734 | −0.3 | −9 |
| | 2356 | 3.3 | 101 |
| **15** Tu ◐ | 0618 | 0.2 | 6 |
| | 1210 | 2.8 | 85 |
| | 1826 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0055 | 3.4 | 104 |
| | 0725 | 0.2 | 6 |
| | 1311 | 2.6 | 79 |
| | 1924 | −0.2 | −6 |
| **17** Th | 0159 | 3.5 | 107 |
| | 0837 | 0.2 | 6 |
| | 1418 | 2.5 | 76 |
| | 2026 | −0.3 | −9 |
| **18** F | 0306 | 3.7 | 113 |
| | 0947 | 0.0 | 0 |
| | 1527 | 2.6 | 79 |
| | 2131 | −0.3 | −9 |
| **19** Sa | 0411 | 3.8 | 116 |
| | 1052 | −0.1 | −3 |
| | 1634 | 2.7 | 82 |
| | 2235 | −0.4 | −12 |
| **20** Su | 0512 | 3.9 | 119 |
| | 1149 | −0.3 | −9 |
| | 1735 | 2.8 | 85 |
| | 2335 | −0.5 | −15 |
| **21** M | 0608 | 4.0 | 122 |
| | 1241 | −0.4 | −12 |
| | 1830 | 3.0 | 91 |
| **22** Tu ○ | 0031 | −0.6 | −18 |
| | 0658 | 4.0 | 122 |
| | 1328 | −0.5 | −15 |
| | 1921 | 3.1 | 94 |
| **23** W | 0123 | −0.6 | −18 |
| | 0745 | 3.9 | 119 |
| | 1413 | −0.5 | −15 |
| | 2009 | 3.2 | 98 |
| **24** Th | 0212 | −0.5 | −15 |
| | 0829 | 3.8 | 116 |
| | 1454 | −0.5 | −15 |
| | 2054 | 3.3 | 101 |
| **25** F | 0300 | −0.3 | −9 |
| | 0910 | 3.5 | 107 |
| | 1534 | −0.4 | −12 |
| | 2139 | 3.2 | 98 |
| **26** Sa | 0347 | −0.1 | −3 |
| | 0950 | 3.2 | 98 |
| | 1612 | −0.2 | −6 |
| | 2223 | 3.2 | 98 |
| **27** Su | 0434 | 0.1 | 3 |
| | 1030 | 2.9 | 88 |
| | 1649 | −0.1 | −3 |
| | 2308 | 3.1 | 94 |
| **28** M | 0522 | 0.3 | 9 |
| | 1111 | 2.6 | 79 |
| | 1728 | 0.1 | 3 |
| | 2356 | 3.0 | 91 |
| **29** Tu | 0615 | 0.5 | 15 |
| | 1156 | 2.4 | 73 |
| | 1811 | 0.3 | 9 |
| **30** W ◑ | 0047 | 2.9 | 88 |
| | 0713 | 0.7 | 21 |
| | 1247 | 2.2 | 67 |
| | 1900 | 0.4 | 12 |
| **31** Th | 0145 | 2.9 | 88 |
| | 0819 | 0.7 | 21 |
| | 1347 | 2.1 | 64 |
| | 1956 | 0.4 | 12 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0245 | 2.9 | 88 |
| | 0925 | 0.7 | 21 |
| | 1452 | 2.1 | 64 |
| | 2055 | 0.4 | 12 |
| **2** Sa | 0344 | 3.0 | 91 |
| | 1021 | 0.6 | 18 |
| | 1555 | 2.2 | 67 |
| | 2153 | 0.3 | 9 |
| **3** Su | 0436 | 3.1 | 94 |
| | 1109 | 0.4 | 12 |
| | 1650 | 2.3 | 70 |
| | 2245 | 0.2 | 6 |
| **4** M | 0522 | 3.3 | 101 |
| | 1150 | 0.2 | 6 |
| | 1737 | 2.5 | 76 |
| | 2333 | 0.0 | 0 |
| **5** Tu | 0603 | 3.5 | 107 |
| | 1227 | 0.0 | 0 |
| | 1819 | 2.7 | 82 |
| **6** W ● | 0017 | −0.1 | −3 |
| | 0643 | 3.6 | 110 |
| | 1304 | −0.2 | −6 |
| | 1900 | 2.9 | 88 |
| **7** Th | 0101 | −0.3 | −9 |
| | 0721 | 3.7 | 113 |
| | 1340 | −0.4 | −12 |
| | 1940 | 3.1 | 94 |
| **8** F | 0145 | −0.4 | −12 |
| | 0800 | 3.7 | 113 |
| | 1417 | −0.5 | −15 |
| | 2021 | 3.3 | 101 |
| **9** Sa | 0230 | −0.4 | −12 |
| | 0840 | 3.6 | 110 |
| | 1455 | −0.5 | −15 |
| | 2104 | 3.5 | 107 |
| **10** Su | 0317 | −0.4 | −12 |
| | 0922 | 3.4 | 104 |
| | 1536 | −0.5 | −15 |
| | 2149 | 3.6 | 110 |
| **11** M | 0407 | −0.2 | −6 |
| | 1007 | 3.2 | 98 |
| | 1619 | −0.5 | −15 |
| | 2238 | 3.6 | 110 |
| **12** Tu | 0501 | −0.1 | −3 |
| | 1056 | 3.0 | 91 |
| | 1707 | −0.3 | −9 |
| | 2332 | 3.6 | 110 |
| **13** W ◐ | 0602 | 0.1 | 3 |
| | 1151 | 2.7 | 82 |
| | 1802 | −0.2 | −6 |
| **14** Th | 0033 | 3.5 | 107 |
| | 0710 | 0.2 | 6 |
| | 1254 | 2.6 | 79 |
| | 1904 | −0.1 | −3 |
| **15** F | 0141 | 3.5 | 107 |
| | 0825 | 0.2 | 6 |
| | 1405 | 2.5 | 76 |
| | 2013 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0254 | 3.5 | 107 |
| | 0938 | 0.2 | 6 |
| | 1521 | 2.5 | 76 |
| | 2125 | −0.1 | −3 |
| **17** Su | 0405 | 3.6 | 110 |
| | 1043 | 0.0 | 0 |
| | 1630 | 2.7 | 82 |
| | 2232 | −0.2 | −6 |
| **18** M | 0506 | 3.7 | 113 |
| | 1137 | −0.1 | −3 |
| | 1729 | 2.9 | 88 |
| | 2332 | −0.3 | −9 |
| **19** Tu | 0559 | 3.7 | 113 |
| | 1225 | −0.3 | −9 |
| | 1820 | 3.2 | 98 |
| **20** W ○ | 0025 | −0.4 | −12 |
| | 0645 | 3.7 | 113 |
| | 1307 | −0.4 | −12 |
| | 1906 | 3.3 | 101 |
| **21** Th | 0113 | −0.4 | −12 |
| | 0727 | 3.7 | 113 |
| | 1346 | −0.4 | −12 |
| | 1948 | 3.5 | 107 |
| **22** F | 0157 | −0.4 | −12 |
| | 0805 | 3.5 | 107 |
| | 1422 | −0.4 | −12 |
| | 2027 | 3.5 | 107 |
| **23** Sa | 0240 | −0.3 | −9 |
| | 0842 | 3.3 | 101 |
| | 1455 | −0.3 | −9 |
| | 2106 | 3.5 | 107 |
| **24** Su | 0320 | −0.1 | −3 |
| | 0917 | 3.1 | 94 |
| | 1529 | −0.1 | −3 |
| | 2144 | 3.4 | 104 |
| **25** M | 0400 | 0.1 | 3 |
| | 0953 | 2.9 | 88 |
| | 1603 | 0.0 | 0 |
| | 2224 | 3.3 | 101 |
| **26** Tu | 0442 | 0.3 | 9 |
| | 1032 | 2.6 | 79 |
| | 1639 | 0.2 | 6 |
| | 2306 | 3.1 | 94 |
| **27** W | 0527 | 0.5 | 15 |
| | 1114 | 2.4 | 73 |
| | 1721 | 0.4 | 12 |
| | 2354 | 3.0 | 91 |
| **28** Th ◑ | 0618 | 0.7 | 21 |
| | 1202 | 2.3 | 70 |
| | 1810 | 0.5 | 15 |
| **29** F | 0049 | 2.9 | 88 |
| | 0718 | 0.8 | 24 |
| | 1300 | 2.2 | 67 |
| | 1908 | 0.6 | 18 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0152 | 2.8 | 85 |
| | 0826 | 0.8 | 24 |
| | 1407 | 2.2 | 67 |
| | 2013 | 0.6 | 18 |
| **2** Su | 0257 | 2.9 | 88 |
| | 0930 | 0.7 | 21 |
| | 1515 | 2.3 | 70 |
| | 2118 | 0.5 | 15 |
| **3** M | 0355 | 3.1 | 94 |
| | 1023 | 0.5 | 15 |
| | 1614 | 2.5 | 76 |
| | 2216 | 0.3 | 9 |
| **4** Tu | 0446 | 3.3 | 101 |
| | 1107 | 0.2 | 6 |
| | 1704 | 2.8 | 85 |
| | 2307 | 0.1 | 3 |
| **5** W | 0530 | 3.4 | 104 |
| | 1148 | 0.0 | 0 |
| | 1749 | 3.1 | 94 |
| | 2355 | −0.2 | −6 |
| **6** Th | 0612 | 3.6 | 110 |
| | 1226 | −0.2 | −6 |
| | 1831 | 3.4 | 104 |
| **7** F ● | 0042 | −0.4 | −12 |
| | 0654 | 3.7 | 113 |
| | 1305 | −0.4 | −12 |
| | 1913 | 3.7 | 113 |
| **8** Sa | 0128 | −0.5 | −15 |
| | 0735 | 3.7 | 113 |
| | 1345 | −0.5 | −15 |
| | 1956 | 3.9 | 119 |
| **9** Su | 0215 | −0.5 | −15 |
| | 0818 | 3.6 | 110 |
| | 1426 | −0.6 | −18 |
| | 2041 | 4.0 | 122 |
| **10** M | 0303 | −0.5 | −15 |
| | 0903 | 3.4 | 104 |
| | 1509 | −0.5 | −15 |
| | 2128 | 4.1 | 125 |
| **11** Tu | 0354 | −0.4 | −12 |
| | 0950 | 3.2 | 98 |
| | 1556 | −0.4 | −12 |
| | 2218 | 4.0 | 122 |
| **12** W | 0449 | −0.2 | −6 |
| | 1041 | 3.0 | 91 |
| | 1647 | −0.2 | −6 |
| | 2314 | 3.8 | 116 |
| **13** Th | 0549 | 0.1 | 3 |
| | 1139 | 2.8 | 85 |
| | 1746 | −0.1 | −3 |
| **14** F ◐ | 0016 | 3.6 | 110 |
| | 0658 | 0.2 | 6 |
| | 1245 | 2.7 | 82 |
| | 1853 | 0.1 | 3 |
| **15** Sa | 0128 | 3.5 | 107 |
| | 0813 | 0.3 | 9 |
| | 1402 | 2.6 | 79 |
| | 2009 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0245 | 3.4 | 104 |
| | 0924 | 0.3 | 9 |
| | 1519 | 2.7 | 82 |
| | 2124 | 0.1 | 3 |
| **17** M | 0356 | 3.4 | 104 |
| | 1025 | 0.2 | 6 |
| | 1624 | 3.0 | 91 |
| | 2231 | 0.0 | 0 |
| **18** Tu | 0454 | 3.4 | 104 |
| | 1116 | 0.0 | 0 |
| | 1718 | 3.2 | 98 |
| | 2327 | −0.1 | −3 |
| **19** W | 0543 | 3.5 | 107 |
| | 1200 | −0.1 | −3 |
| | 1804 | 3.4 | 104 |
| **20** Th | 0016 | −0.2 | −6 |
| | 0626 | 3.4 | 104 |
| | 1238 | −0.1 | −3 |
| | 1845 | 3.6 | 110 |
| **21** F ○ | 0100 | −0.2 | −6 |
| | 0704 | 3.4 | 104 |
| | 1313 | −0.2 | −6 |
| | 1922 | 3.7 | 113 |
| **22** Sa | 0140 | −0.2 | −6 |
| | 0739 | 3.3 | 101 |
| | 1345 | −0.1 | −3 |
| | 1958 | 3.7 | 113 |
| **23** Su | 0218 | −0.1 | −3 |
| | 0813 | 3.1 | 94 |
| | 1417 | 0.0 | 0 |
| | 2033 | 3.7 | 113 |
| **24** M | 0255 | 0.0 | 0 |
| | 0847 | 3.0 | 91 |
| | 1449 | 0.1 | 3 |
| | 2109 | 3.6 | 110 |
| **25** Tu | 0331 | 0.2 | 6 |
| | 0923 | 2.8 | 85 |
| | 1523 | 0.2 | 6 |
| | 2146 | 3.4 | 104 |
| **26** W | 0409 | 0.3 | 9 |
| | 1000 | 2.7 | 82 |
| | 1601 | 0.4 | 12 |
| | 2226 | 3.3 | 101 |
| **27** Th | 0451 | 0.5 | 15 |
| | 1042 | 2.5 | 76 |
| | 1643 | 0.5 | 15 |
| | 2312 | 3.1 | 94 |
| **28** F | 0538 | 0.7 | 21 |
| | 1129 | 2.4 | 73 |
| | 1732 | 0.7 | 21 |
| **29** Sa ◑ | 0003 | 3.0 | 91 |
| | 0632 | 0.8 | 24 |
| | 1225 | 2.3 | 70 |
| | 1829 | 0.7 | 21 |
| **30** Su | 0102 | 2.9 | 88 |
| | 0733 | 0.8 | 24 |
| | 1328 | 2.4 | 73 |
| | 1934 | 0.7 | 21 |
| **31** M | 0205 | 2.9 | 88 |
| | 0834 | 0.7 | 21 |
| | 1434 | 2.5 | 76 |
| | 2041 | 0.6 | 18 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Duck Pier, North Carolina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0306 | 3.1 | 94 | 16 W | 0431 | 3.2 | 98 |
| | 0929 | 0.5 | 15 | | 1044 | 0.1 | 3 |
| | 1534 | 2.8 | 85 | | 1658 | 3.4 | 104 |
| | 2143 | 0.4 | 12 | | 2315 | 0.1 | 3 |
| 2 W | 0401 | 3.2 | 98 | 17 Th | 0519 | 3.1 | 94 |
| | 1017 | 0.2 | 6 | | 1126 | 0.1 | 3 |
| | 1626 | 3.1 | 94 | | 1741 | 3.6 | 110 |
| | 2239 | 0.1 | 3 | | | | |
| 3 Th | 0451 | 3.4 | 104 | 18 F | 0002 | 0.1 | 3 |
| | 1102 | 0.0 | 0 | | 0600 | 3.1 | 94 |
| | 1714 | 3.5 | 107 | | 1202 | 0.1 | 3 |
| | 2331 | −0.1 | −3 | | 1819 | 3.7 | 113 |
| 4 F | 0538 | 3.5 | 107 | 19 Sa | 0044 | 0.0 | 0 |
| | 1146 | −0.3 | −9 | | 0637 | 3.0 | 91 |
| | 1800 | 3.9 | 119 | | 1236 | 0.1 | 3 |
| | | | | | 1854 | 3.8 | 116 |
| 5 Sa | 0021 | −0.4 | −12 | 20 Su | 0122 | 0.0 | 0 |
| | 0624 | 3.6 | 110 | | 0712 | 3.0 | 91 |
| | 1229 | −0.4 | −12 | | 1309 | 0.1 | 3 |
| ● | 1846 | 4.2 | 128 | ○ | 1929 | 3.8 | 116 |
| 6 Su | 0110 | −0.5 | −15 | 21 M | 0157 | 0.0 | 0 |
| | 0711 | 3.6 | 110 | | 0747 | 2.9 | 88 |
| | 1313 | −0.5 | −15 | | 1342 | 0.2 | 6 |
| | 1932 | 4.4 | 134 | | 2003 | 3.8 | 116 |
| 7 M | 0159 | −0.6 | −18 | 22 Tu | 0232 | 0.1 | 3 |
| | 0757 | 3.5 | 107 | | 0822 | 2.8 | 85 |
| | 1359 | −0.6 | −18 | | 1416 | 0.3 | 9 |
| | 2019 | 4.5 | 137 | | 2039 | 3.7 | 113 |
| 8 Tu | 0250 | −0.6 | −18 | 23 W | 0307 | 0.2 | 6 |
| | 0845 | 3.4 | 104 | | 0858 | 2.8 | 85 |
| | 1447 | −0.5 | −15 | | 1452 | 0.4 | 12 |
| | 2109 | 4.4 | 134 | | 2116 | 3.5 | 107 |
| 9 W | 0342 | −0.4 | −12 | 24 Th | 0344 | 0.3 | 9 |
| | 0936 | 3.2 | 98 | | 0937 | 2.7 | 82 |
| | 1538 | −0.3 | −9 | | 1531 | 0.5 | 15 |
| | 2202 | 4.2 | 128 | | 2156 | 3.4 | 104 |
| 10 Th | 0438 | −0.2 | −6 | 25 F | 0424 | 0.4 | 12 |
| | 1031 | 3.1 | 94 | | 1019 | 2.6 | 79 |
| | 1634 | −0.1 | −3 | | 1614 | 0.6 | 18 |
| | 2259 | 3.9 | 119 | | 2240 | 3.2 | 98 |
| 11 F | 0539 | 0.0 | 0 | 26 Sa | 0508 | 0.5 | 15 |
| | 1132 | 2.9 | 88 | | 1105 | 2.5 | 76 |
| | 1736 | 0.1 | 3 | | 1703 | 0.7 | 21 |
| | | | | | 2327 | 3.1 | 94 |
| 12 Sa | 0003 | 3.7 | 113 | 27 Su | 0557 | 0.6 | 18 |
| | 0645 | 0.2 | 6 | | 1158 | 2.5 | 76 |
| | 1241 | 2.8 | 85 | | 1758 | 0.7 | 21 |
| ◐ | 1847 | 0.3 | 9 | | | | |
| 13 Su | 0114 | 3.4 | 104 | 28 M | 0021 | 3.0 | 91 |
| | 0754 | 0.3 | 9 | | 0650 | 0.6 | 18 |
| | 1357 | 2.9 | 88 | | 1255 | 2.6 | 79 |
| | 2004 | 0.3 | 9 | ◑ | 1900 | 0.7 | 21 |
| 14 M | 0227 | 3.3 | 101 | 29 Tu | 0118 | 3.0 | 91 |
| | 0859 | 0.3 | 9 | | 0744 | 0.5 | 15 |
| | 1508 | 3.0 | 91 | | 1355 | 2.8 | 85 |
| | 2118 | 0.3 | 9 | | 2006 | 0.6 | 18 |
| 15 Tu | 0334 | 3.2 | 98 | 30 W | 0217 | 3.0 | 91 |
| | 0956 | 0.2 | 6 | | 0837 | 0.3 | 9 |
| | 1608 | 3.2 | 98 | | 1453 | 3.1 | 94 |
| | 2221 | 0.2 | 6 | | 2110 | 0.4 | 12 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Th | 0315 | 3.1 | 94 | 16 F | 0445 | 2.7 | 82 |
| | 0928 | 0.1 | 3 | | 1044 | 0.2 | 6 |
| | 1548 | 3.5 | 107 | | 1711 | 3.6 | 110 |
| | 2210 | 0.1 | 3 | | 2343 | 0.2 | 6 |
| 2 F | 0410 | 3.2 | 98 | 17 Sa | 0529 | 2.7 | 82 |
| | 1018 | −0.1 | −3 | | 1123 | 0.2 | 6 |
| | 1640 | 3.9 | 119 | | 1750 | 3.7 | 113 |
| | 2307 | −0.1 | −3 | | | | |
| 3 Sa | 0504 | 3.3 | 101 | 18 Su | 0024 | 0.2 | 6 |
| | 1107 | −0.3 | −9 | | 0609 | 2.7 | 82 |
| | 1730 | 4.2 | 128 | | 1159 | 0.2 | 6 |
| | | | | | 1826 | 3.7 | 113 |
| 4 Su | 0000 | −0.4 | −12 | 19 M | 0102 | 0.1 | 3 |
| | 0556 | 3.3 | 101 | | 0646 | 2.7 | 82 |
| | 1156 | −0.5 | −15 | | 1236 | 0.2 | 6 |
| | 1820 | 4.5 | 137 | ○ | 1902 | 3.7 | 113 |
| 5 M | 0053 | −0.5 | −15 | 20 Tu | 0137 | 0.1 | 3 |
| | 0647 | 3.4 | 104 | | 0723 | 2.7 | 82 |
| | 1245 | −0.5 | −15 | | 1312 | 0.3 | 9 |
| ● | 1910 | 4.6 | 140 | | 1938 | 3.7 | 113 |
| 6 Tu | 0145 | −0.6 | −18 | 21 W | 0212 | 0.1 | 3 |
| | 0738 | 3.4 | 104 | | 0801 | 2.7 | 82 |
| | 1336 | −0.6 | −18 | | 1350 | 0.3 | 9 |
| | 2001 | 4.6 | 140 | | 2015 | 3.6 | 110 |
| 7 W | 0237 | −0.6 | −18 | 22 Th | 0247 | 0.2 | 6 |
| | 0831 | 3.3 | 101 | | 0839 | 2.7 | 82 |
| | 1429 | −0.5 | −15 | | 1429 | 0.4 | 12 |
| | 2054 | 4.5 | 137 | | 2053 | 3.6 | 110 |
| 8 Th | 0331 | −0.5 | −15 | 23 F | 0324 | 0.2 | 6 |
| | 0925 | 3.2 | 98 | | 0918 | 2.6 | 79 |
| | 1525 | −0.3 | −9 | | 1509 | 0.5 | 15 |
| | 2149 | 4.2 | 128 | | 2132 | 3.5 | 107 |
| 9 F | 0427 | −0.3 | −9 | 24 Sa | 0402 | 0.3 | 9 |
| | 1023 | 3.2 | 98 | | 1000 | 2.6 | 79 |
| | 1623 | −0.1 | −3 | | 1552 | 0.5 | 15 |
| | 2246 | 3.9 | 119 | | 2213 | 3.3 | 101 |
| 10 Sa | 0525 | −0.1 | −3 | 25 Su | 0443 | 0.3 | 9 |
| | 1124 | 3.1 | 94 | | 1044 | 2.7 | 82 |
| | 1727 | 0.1 | 3 | | 1640 | 0.6 | 18 |
| | 2347 | 3.6 | 110 | | 2257 | 3.2 | 98 |
| 11 Su | 0625 | 0.0 | 0 | 26 M | 0526 | 0.3 | 9 |
| | 1231 | 3.1 | 94 | | 1132 | 2.7 | 82 |
| | 1837 | 0.3 | 9 | | 1733 | 0.6 | 18 |
| ◐ | | | | | 2345 | 3.1 | 94 |
| 12 M | 0051 | 3.3 | 101 | 27 Tu | 0612 | 0.3 | 9 |
| | 0725 | 0.1 | 3 | | 1225 | 2.9 | 88 |
| | 1339 | 3.1 | 94 | | 1832 | 0.6 | 18 |
| | 1950 | 0.4 | 12 | ◑ | | | |
| 13 Tu | 0157 | 3.1 | 94 | 28 W | 0038 | 3.0 | 91 |
| | 0823 | 0.2 | 6 | | 0701 | 0.2 | 6 |
| | 1444 | 3.2 | 98 | | 1320 | 3.1 | 94 |
| | 2100 | 0.4 | 12 | | 1935 | 0.5 | 15 |
| 14 W | 0259 | 2.9 | 88 | 29 Th | 0134 | 3.0 | 91 |
| | 0916 | 0.2 | 6 | | 0752 | 0.1 | 3 |
| | 1540 | 3.4 | 104 | | 1417 | 3.4 | 104 |
| | 2202 | 0.4 | 12 | | 2040 | 0.4 | 12 |
| 15 Th | 0356 | 2.8 | 85 | 30 F | 0234 | 2.9 | 88 |
| | 1002 | 0.2 | 6 | | 0845 | −0.1 | −3 |
| | 1629 | 3.5 | 107 | | 1513 | 3.7 | 113 |
| | 2256 | 0.3 | 9 | | 2144 | 0.1 | 3 |
| | | | | 31 Sa | 0334 | 2.9 | 88 |
| | | | | | 0939 | −0.2 | −6 |
| | | | | | 1609 | 4.1 | 125 |
| | | | | | 2244 | −0.1 | −3 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Su | 0433 | 3.0 | 91 | 16 M | 0001 | 0.3 | 9 |
| | 1033 | −0.3 | −9 | | 0539 | 2.5 | 76 |
| | 1704 | 4.3 | 131 | | 1126 | 0.3 | 9 |
| | 2342 | −0.3 | −9 | | 1800 | 3.6 | 110 |
| 2 M | 0531 | 3.1 | 94 | 17 Tu | 0039 | 0.3 | 9 |
| | 1128 | −0.5 | −15 | | 0621 | 2.5 | 76 |
| | 1759 | 4.5 | 137 | | 1207 | 0.3 | 9 |
| | | | | | 1839 | 3.7 | 113 |
| 3 Tu | 0037 | −0.5 | −15 | 18 W | 0116 | 0.2 | 6 |
| | 0627 | 3.2 | 98 | | 0702 | 2.6 | 79 |
| | 1224 | −0.5 | −15 | | 1248 | 0.3 | 9 |
| ● | 1853 | 4.6 | 140 | ○ | 1917 | 3.7 | 113 |
| 4 W | 0131 | −0.6 | −18 | 19 Th | 0151 | 0.2 | 6 |
| | 0722 | 3.2 | 98 | | 0741 | 2.7 | 82 |
| | 1319 | −0.5 | −15 | | 1328 | 0.3 | 9 |
| | 1947 | 4.5 | 137 | | 1954 | 3.6 | 110 |
| 5 Th | 0224 | −0.6 | −18 | 20 F | 0226 | 0.1 | 3 |
| | 0818 | 3.3 | 101 | | 0820 | 2.7 | 82 |
| | 1416 | −0.5 | −15 | | 1409 | 0.3 | 9 |
| | 2041 | 4.4 | 134 | | 2032 | 3.6 | 110 |
| 6 F | 0317 | −0.5 | −15 | 21 Sa | 0301 | 0.1 | 3 |
| | 0913 | 3.3 | 101 | | 0859 | 2.8 | 85 |
| | 1513 | −0.3 | −9 | | 1450 | 0.4 | 12 |
| | 2134 | 4.2 | 128 | | 2109 | 3.5 | 107 |
| 7 Sa | 0410 | −0.4 | −12 | 22 Su | 0338 | 0.1 | 3 |
| | 1010 | 3.3 | 101 | | 0939 | 2.8 | 85 |
| | 1612 | −0.1 | −3 | | 1533 | 0.4 | 12 |
| | 2228 | 3.8 | 116 | | 2148 | 3.4 | 104 |
| 8 Su | 0503 | −0.3 | −9 | 23 M | 0415 | 0.1 | 3 |
| | 1109 | 3.3 | 101 | | 1021 | 2.9 | 88 |
| | 1713 | 0.1 | 3 | | 1620 | 0.4 | 12 |
| | 2322 | 3.5 | 107 | | 2230 | 3.3 | 101 |
| 9 M | 0555 | −0.1 | −3 | 24 Tu | 0454 | 0.0 | 0 |
| | 1209 | 3.3 | 101 | | 1106 | 3.1 | 94 |
| | 1817 | 0.3 | 9 | | 1712 | 0.5 | 15 |
| | | | | | 2315 | 3.2 | 98 |
| 10 Tu | 0018 | 3.2 | 98 | 25 W | 0537 | 0.0 | 0 |
| | 0647 | 0.0 | 0 | | 1155 | 3.2 | 98 |
| | 1309 | 3.3 | 101 | | 1808 | 0.5 | 15 |
| ◐ | 1925 | 0.5 | 15 | | | | |
| 11 W | 0115 | 2.9 | 88 | 26 Th | 0005 | 3.0 | 91 |
| | 0738 | 0.2 | 6 | | 0624 | 0.0 | 0 |
| | 1408 | 3.3 | 101 | | 1248 | 3.4 | 104 |
| | 2032 | 0.5 | 15 | ◑ | 1910 | 0.4 | 12 |
| 12 Th | 0213 | 2.7 | 82 | 27 F | 0100 | 2.9 | 88 |
| | 0827 | 0.3 | 9 | | 0715 | −0.1 | −3 |
| | 1502 | 3.4 | 104 | | 1345 | 3.7 | 113 |
| | 2134 | 0.5 | 15 | | 2016 | 0.3 | 9 |
| 13 F | 0310 | 2.5 | 76 | 28 Sa | 0201 | 2.8 | 85 |
| | 0914 | 0.3 | 9 | | 0810 | −0.1 | −3 |
| | 1552 | 3.4 | 104 | | 1445 | 3.9 | 119 |
| | 2229 | 0.5 | 15 | | 2122 | 0.2 | 6 |
| 14 Sa | 0404 | 2.4 | 73 | 29 Su | 0305 | 2.8 | 85 |
| | 0959 | 0.4 | 12 | | 0909 | −0.2 | −6 |
| | 1638 | 3.5 | 107 | | 1545 | 4.1 | 125 |
| | 2318 | 0.4 | 12 | | 2226 | 0.0 | 0 |
| 15 Su | 0454 | 2.4 | 73 | 30 M | 0409 | 2.8 | 85 |
| | 1043 | 0.4 | 12 | | 1009 | −0.3 | −9 |
| | 1720 | 3.6 | 110 | | 1645 | 4.3 | 131 |
| | | | | | 2327 | −0.2 | −6 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Duck Pier, North Carolina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0512 | 3.0 | 91 |
| | 1110 | −0.4 | −12 |
| | 1744 | 4.4 | 134 |
| **2** W ● | 0024 | −0.3 | −9 |
| | 0612 | 3.1 | 94 |
| | 1209 | −0.4 | −12 |
| | 1840 | 4.5 | 137 |
| **3** Th | 0117 | −0.4 | −12 |
| | 0709 | 3.3 | 101 |
| | 1307 | −0.5 | −15 |
| | 1934 | 4.4 | 134 |
| **4** F | 0209 | −0.5 | −15 |
| | 0804 | 3.4 | 104 |
| | 1404 | −0.4 | −12 |
| | 2025 | 4.3 | 131 |
| **5** Sa | 0258 | −0.5 | −15 |
| | 0858 | 3.5 | 107 |
| | 1459 | −0.3 | −9 |
| | 2115 | 4.0 | 122 |
| **6** Su | 0345 | −0.4 | −12 |
| | 0950 | 3.5 | 107 |
| | 1555 | −0.1 | −3 |
| | 2203 | 3.7 | 113 |
| **7** M | 0432 | −0.3 | −9 |
| | 1043 | 3.5 | 107 |
| | 1651 | 0.1 | 3 |
| | 2251 | 3.4 | 104 |
| **8** Tu | 0517 | −0.1 | −3 |
| | 1136 | 3.4 | 104 |
| | 1749 | 0.4 | 12 |
| | 2339 | 3.1 | 94 |
| **9** W ◐ | 0602 | 0.1 | 3 |
| | 1229 | 3.4 | 104 |
| | 1850 | 0.6 | 18 |
| **10** Th | 0029 | 2.7 | 82 |
| | 0647 | 0.2 | 6 |
| | 1323 | 3.4 | 104 |
| | 1953 | 0.7 | 21 |
| **11** F | 0123 | 2.5 | 76 |
| | 0734 | 0.4 | 12 |
| | 1417 | 3.3 | 101 |
| | 2056 | 0.7 | 21 |
| **12** Sa | 0220 | 2.4 | 73 |
| | 0824 | 0.5 | 15 |
| | 1511 | 3.4 | 104 |
| | 2155 | 0.7 | 21 |
| **13** Su | 0320 | 2.3 | 70 |
| | 0916 | 0.5 | 15 |
| | 1602 | 3.4 | 104 |
| | 2247 | 0.6 | 18 |
| **14** M | 0418 | 2.3 | 70 |
| | 1007 | 0.5 | 15 |
| | 1650 | 3.5 | 107 |
| | 2332 | 0.5 | 15 |
| **15** Tu | 0509 | 2.4 | 73 |
| | 1056 | 0.5 | 15 |
| | 1734 | 3.6 | 110 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0012 | 0.4 | 12 |
| | 0555 | 2.6 | 79 |
| | 1142 | 0.4 | 12 |
| | 1815 | 3.6 | 110 |
| **17** Th | 0049 | 0.3 | 9 |
| | 0638 | 2.7 | 82 |
| | 1226 | 0.4 | 12 |
| | 1854 | 3.7 | 113 |
| **18** F ○ | 0124 | 0.2 | 6 |
| | 0717 | 2.8 | 85 |
| | 1308 | 0.3 | 9 |
| | 1931 | 3.7 | 113 |
| **19** Sa | 0158 | 0.1 | 3 |
| | 0756 | 3.0 | 91 |
| | 1349 | 0.3 | 9 |
| | 2008 | 3.7 | 113 |
| **20** Su | 0232 | 0.0 | 0 |
| | 0834 | 3.1 | 94 |
| | 1431 | 0.3 | 9 |
| | 2045 | 3.7 | 113 |
| **21** M | 0307 | 0.0 | 0 |
| | 0914 | 3.2 | 98 |
| | 1515 | 0.3 | 9 |
| | 2123 | 3.6 | 110 |
| **22** Tu | 0344 | −0.1 | −3 |
| | 0955 | 3.4 | 104 |
| | 1602 | 0.3 | 9 |
| | 2204 | 3.4 | 104 |
| **23** W | 0422 | −0.1 | −3 |
| | 1039 | 3.5 | 107 |
| | 1653 | 0.4 | 12 |
| | 2249 | 3.2 | 98 |
| **24** Th | 0505 | −0.1 | −3 |
| | 1128 | 3.6 | 110 |
| | 1749 | 0.4 | 12 |
| | 2339 | 3.0 | 91 |
| **25** F ◑ | 0553 | 0.0 | 0 |
| | 1221 | 3.8 | 116 |
| | 1850 | 0.5 | 15 |
| **26** Sa | 0035 | 2.9 | 88 |
| | 0646 | 0.0 | 0 |
| | 1321 | 3.9 | 119 |
| | 1957 | 0.4 | 12 |
| **27** Su | 0138 | 2.8 | 85 |
| | 0746 | 0.0 | 0 |
| | 1424 | 4.0 | 122 |
| | 2107 | 0.4 | 12 |
| **28** M | 0246 | 2.8 | 85 |
| | 0850 | 0.0 | 0 |
| | 1530 | 4.1 | 125 |
| | 2214 | 0.2 | 6 |
| **29** Tu | 0355 | 2.9 | 88 |
| | 0956 | −0.1 | −3 |
| | 1634 | 4.2 | 128 |
| | 2315 | 0.0 | 0 |
| **30** W | 0501 | 3.0 | 91 |
| | 1100 | −0.2 | −6 |
| | 1733 | 4.3 | 131 |
| **31** Th | 0010 | −0.1 | −3 |
| | 0600 | 3.3 | 101 |
| | 1201 | −0.3 | −9 |
| | 1828 | 4.3 | 131 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0100 | −0.3 | −9 |
| | 0655 | 3.5 | 107 |
| | 1257 | −0.3 | −9 |
| | 1918 | 4.3 | 131 |
| **2** Sa | 0147 | −0.3 | −9 |
| | 0747 | 3.6 | 110 |
| | 1351 | −0.2 | −6 |
| | 2005 | 4.1 | 125 |
| **3** Su | 0231 | −0.3 | −9 |
| | 0836 | 3.7 | 113 |
| | 1442 | −0.1 | −3 |
| | 2050 | 3.9 | 119 |
| **4** M | 0313 | −0.2 | −6 |
| | 0923 | 3.8 | 116 |
| | 1533 | 0.1 | 3 |
| | 2133 | 3.6 | 110 |
| **5** Tu | 0353 | −0.1 | −3 |
| | 1009 | 3.7 | 113 |
| | 1623 | 0.3 | 9 |
| | 2216 | 3.3 | 101 |
| **6** W | 0433 | 0.1 | 3 |
| | 1055 | 3.7 | 113 |
| | 1714 | 0.5 | 15 |
| | 2259 | 3.0 | 91 |
| **7** Th | 0513 | 0.3 | 9 |
| | 1143 | 3.5 | 107 |
| | 1808 | 0.7 | 21 |
| | 2344 | 2.7 | 82 |
| **8** F ◐ | 0556 | 0.5 | 15 |
| | 1233 | 3.4 | 104 |
| | 1906 | 0.9 | 27 |
| **9** Sa | 0035 | 2.5 | 76 |
| | 0643 | 0.6 | 18 |
| | 1328 | 3.4 | 104 |
| | 2010 | 1.0 | 30 |
| **10** Su | 0133 | 2.4 | 73 |
| | 0737 | 0.8 | 24 |
| | 1426 | 3.3 | 101 |
| | 2113 | 1.0 | 30 |
| **11** M | 0238 | 2.4 | 73 |
| | 0836 | 0.8 | 24 |
| | 1524 | 3.4 | 104 |
| | 2209 | 0.9 | 27 |
| **12** Tu | 0342 | 2.5 | 76 |
| | 0935 | 0.8 | 24 |
| | 1617 | 3.4 | 104 |
| | 2256 | 0.7 | 21 |
| **13** W | 0438 | 2.6 | 79 |
| | 1029 | 0.7 | 21 |
| | 1704 | 3.6 | 110 |
| | 2336 | 0.6 | 18 |
| **14** Th | 0526 | 2.8 | 85 |
| | 1117 | 0.5 | 15 |
| | 1746 | 3.7 | 113 |
| **15** F | 0013 | 0.4 | 12 |
| | 0608 | 3.0 | 91 |
| | 1202 | 0.4 | 12 |
| | 1824 | 3.8 | 116 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0047 | 0.2 | 6 |
| | 0648 | 3.2 | 98 |
| | 1245 | 0.3 | 9 |
| | 1902 | 3.9 | 119 |
| **17** Su | 0122 | 0.1 | 3 |
| | 0726 | 3.4 | 104 |
| | 1328 | 0.2 | 6 |
| | 1940 | 3.9 | 119 |
| **18** M | 0157 | 0.0 | 0 |
| | 0805 | 3.6 | 110 |
| | 1411 | 0.2 | 6 |
| | 2018 | 3.8 | 116 |
| **19** Tu | 0233 | −0.1 | −3 |
| | 0845 | 3.8 | 116 |
| | 1457 | 0.2 | 6 |
| | 2058 | 3.7 | 113 |
| **20** W | 0311 | −0.1 | −3 |
| | 0927 | 3.9 | 119 |
| | 1544 | 0.2 | 6 |
| | 2141 | 3.5 | 107 |
| **21** Th | 0352 | 0.0 | 0 |
| | 1013 | 4.0 | 122 |
| | 1636 | 0.3 | 9 |
| | 2228 | 3.3 | 101 |
| **22** F | 0438 | 0.0 | 0 |
| | 1104 | 4.0 | 122 |
| | 1733 | 0.4 | 12 |
| | 2320 | 3.1 | 94 |
| **23** Sa ◑ | 0529 | 0.1 | 3 |
| | 1200 | 4.0 | 122 |
| | 1836 | 0.5 | 15 |
| **24** Su | 0020 | 2.9 | 88 |
| | 0627 | 0.2 | 6 |
| | 1303 | 4.0 | 122 |
| | 1946 | 0.6 | 18 |
| **25** M | 0127 | 2.9 | 88 |
| | 0733 | 0.3 | 9 |
| | 1412 | 4.0 | 122 |
| | 2058 | 0.5 | 15 |
| **26** Tu | 0240 | 2.9 | 88 |
| | 0843 | 0.3 | 9 |
| | 1521 | 4.0 | 122 |
| | 2204 | 0.4 | 12 |
| **27** W | 0351 | 3.1 | 94 |
| | 0953 | 0.2 | 6 |
| | 1626 | 4.1 | 125 |
| | 2301 | 0.2 | 6 |
| **28** Th | 0455 | 3.3 | 101 |
| | 1057 | 0.1 | 3 |
| | 1722 | 4.2 | 128 |
| | 2352 | 0.1 | 3 |
| **29** F | 0550 | 3.6 | 110 |
| | 1154 | 0.0 | 0 |
| | 1813 | 4.2 | 128 |
| **30** Sa ● | 0037 | −0.1 | −3 |
| | 0640 | 3.8 | 116 |
| | 1247 | 0.0 | 0 |
| | 1859 | 4.1 | 125 |
| **31** Su | 0119 | −0.1 | −3 |
| | 0725 | 4.0 | 122 |
| | 1336 | 0.0 | 0 |
| | 1941 | 4.0 | 122 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0158 | −0.1 | −3 |
| | 0809 | 4.1 | 125 |
| | 1423 | 0.1 | 3 |
| | 2021 | 3.8 | 116 |
| **2** Tu | 0235 | 0.0 | 0 |
| | 0850 | 4.0 | 122 |
| | 1507 | 0.3 | 9 |
| | 2101 | 3.5 | 107 |
| **3** W | 0312 | 0.2 | 6 |
| | 0931 | 4.0 | 122 |
| | 1552 | 0.5 | 15 |
| | 2140 | 3.3 | 101 |
| **4** Th | 0348 | 0.4 | 12 |
| | 1013 | 3.8 | 116 |
| | 1637 | 0.7 | 21 |
| | 2220 | 3.0 | 91 |
| **5** F | 0427 | 0.6 | 18 |
| | 1057 | 3.7 | 113 |
| | 1725 | 0.9 | 27 |
| | 2304 | 2.8 | 85 |
| **6** Sa | 0509 | 0.8 | 24 |
| | 1145 | 3.5 | 107 |
| | 1818 | 1.0 | 30 |
| | 2355 | 2.6 | 79 |
| **7** Su ◐ | 0559 | 0.9 | 27 |
| | 1240 | 3.4 | 104 |
| | 1918 | 1.1 | 34 |
| **8** M | 0053 | 2.5 | 76 |
| | 0656 | 1.0 | 30 |
| | 1340 | 3.3 | 101 |
| | 2023 | 1.1 | 34 |
| **9** Tu | 0200 | 2.6 | 79 |
| | 0800 | 1.0 | 30 |
| | 1442 | 3.4 | 104 |
| | 2121 | 1.0 | 30 |
| **10** W | 0307 | 2.7 | 82 |
| | 0903 | 1.0 | 30 |
| | 1537 | 3.5 | 107 |
| | 2209 | 0.9 | 27 |
| **11** Th | 0403 | 2.9 | 88 |
| | 0959 | 0.8 | 24 |
| | 1626 | 3.6 | 110 |
| | 2250 | 0.7 | 21 |
| **12** F | 0451 | 3.1 | 94 |
| | 1050 | 0.6 | 18 |
| | 1709 | 3.7 | 113 |
| | 2328 | 0.4 | 12 |
| **13** Sa | 0533 | 3.4 | 104 |
| | 1136 | 0.5 | 15 |
| | 1750 | 3.8 | 116 |
| **14** Su | 0005 | 0.2 | 6 |
| | 0614 | 3.7 | 113 |
| | 1221 | 0.3 | 9 |
| | 1830 | 3.9 | 119 |
| **15** M ○ | 0042 | 0.1 | 3 |
| | 0654 | 4.0 | 122 |
| | 1306 | 0.2 | 6 |
| | 1910 | 3.9 | 119 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0119 | 0.0 | 0 |
| | 0734 | 4.2 | 128 |
| | 1352 | 0.1 | 3 |
| | 1952 | 3.8 | 116 |
| **17** W | 0159 | −0.1 | −3 |
| | 0817 | 4.4 | 134 |
| | 1439 | 0.1 | 3 |
| | 2035 | 3.7 | 113 |
| **18** Th | 0241 | −0.1 | −3 |
| | 0902 | 4.4 | 134 |
| | 1528 | 0.2 | 6 |
| | 2121 | 3.5 | 107 |
| **19** F | 0326 | 0.0 | 0 |
| | 0951 | 4.4 | 134 |
| | 1622 | 0.3 | 9 |
| | 2212 | 3.3 | 101 |
| **20** Sa | 0416 | 0.1 | 3 |
| | 1045 | 4.3 | 131 |
| | 1721 | 0.5 | 15 |
| | 2308 | 3.2 | 98 |
| **21** Su | 0513 | 0.3 | 9 |
| | 1144 | 4.1 | 125 |
| | 1826 | 0.6 | 18 |
| **22** M ◑ | 0012 | 3.0 | 91 |
| | 0617 | 0.5 | 15 |
| | 1252 | 4.0 | 122 |
| | 1937 | 0.6 | 18 |
| **23** Tu | 0125 | 3.0 | 91 |
| | 0729 | 0.5 | 15 |
| | 1404 | 3.9 | 119 |
| | 2047 | 0.6 | 18 |
| **24** W | 0241 | 3.1 | 94 |
| | 0843 | 0.5 | 15 |
| | 1514 | 3.9 | 119 |
| | 2149 | 0.5 | 15 |
| **25** Th | 0349 | 3.4 | 104 |
| | 0953 | 0.4 | 12 |
| | 1615 | 3.9 | 119 |
| | 2241 | 0.3 | 9 |
| **26** F | 0446 | 3.6 | 110 |
| | 1053 | 0.3 | 9 |
| | 1707 | 3.9 | 119 |
| | 2327 | 0.2 | 6 |
| **27** Sa | 0536 | 3.9 | 119 |
| | 1147 | 0.2 | 6 |
| | 1754 | 3.9 | 119 |
| **28** Su | 0009 | 0.1 | 3 |
| | 0620 | 4.1 | 125 |
| | 1235 | 0.2 | 6 |
| | 1835 | 3.8 | 116 |
| **29** M ● | 0047 | 0.1 | 3 |
| | 0701 | 4.2 | 128 |
| | 1319 | 0.2 | 6 |
| | 1914 | 3.7 | 113 |
| **30** Tu | 0122 | 0.1 | 3 |
| | 0739 | 4.2 | 128 |
| | 1401 | 0.3 | 9 |
| | 1952 | 3.5 | 107 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Duck Pier, North Carolina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm | h m | ft | cm | h m | ft | cm |
| **1** W | 0157 | 0.2 | 6 | **16** Th | 0129 | −0.2 | −6 | **1** Sa | 0236 | 0.5 | 15 | **16** Su | 0252 | −0.3 | −9 |
| | 0817 | 4.2 | 128 | | 0753 | 4.7 | 143 | | 0904 | 3.8 | 116 | | 0919 | 4.5 | 137 |
| | 1442 | 0.4 | 12 | | 1422 | −0.1 | −3 | | 1534 | 0.6 | 18 | | 1557 | −0.1 | −3 |
| | 2029 | 3.3 | 101 | | 2015 | 3.6 | 110 | | 2120 | 2.8 | 85 | | 2149 | 3.3 | 101 |
| **2** Th | 0232 | 0.4 | 12 | **17** F | 0216 | −0.2 | −6 | **2** Su | 0315 | 0.7 | 21 | **17** M | 0350 | −0.1 | −3 |
| | 0855 | 4.1 | 125 | | 0841 | 4.7 | 143 | | 0944 | 3.6 | 110 | | 1016 | 4.2 | 128 |
| | 1521 | 0.6 | 18 | | 1514 | 0.0 | 0 | | 1615 | 0.7 | 21 | | 1655 | 0.0 | 0 |
| | 2107 | 3.1 | 94 | | 2105 | 3.5 | 107 | | 2204 | 2.7 | 82 | | 2251 | 3.2 | 98 |
| **3** F | 0308 | 0.6 | 18 | **18** Sa | 0306 | 0.0 | 0 | **3** M | 0359 | 0.8 | 24 | **18** Tu | 0453 | 0.1 | 3 |
| | 0935 | 3.9 | 119 | | 0933 | 4.6 | 140 | | 1028 | 3.5 | 107 | | 1116 | 3.9 | 119 |
| | 1602 | 0.7 | 21 | | 1610 | 0.2 | 6 | | 1700 | 0.8 | 24 | | 1755 | 0.1 | 3 |
| | 2147 | 3.0 | 91 | | 2159 | 3.3 | 101 | | 2252 | 2.7 | 82 | | 2358 | 3.2 | 98 |
| **4** Sa | 0347 | 0.7 | 21 | **19** Su | 0401 | 0.1 | 3 | **4** Tu | 0448 | 0.9 | 27 | **19** W | 0602 | 0.3 | 9 |
| | 1017 | 3.7 | 113 | | 1030 | 4.3 | 131 | | 1116 | 3.3 | 101 | | 1219 | 3.6 | 110 |
| | 1646 | 0.9 | 27 | | 1710 | 0.3 | 9 | | 1749 | 0.8 | 24 | | 1856 | 0.2 | 6 |
| | 2231 | 2.8 | 85 | | 2300 | 3.2 | 98 | | 2346 | 2.6 | 79 | ◑ | | | |
| **5** Su | 0430 | 0.9 | 27 | **20** M | 0503 | 0.3 | 9 | **5** W | 0543 | 1.0 | 30 | **20** Th | 0108 | 3.2 | 98 |
| | 1103 | 3.5 | 107 | | 1132 | 4.1 | 125 | | 1208 | 3.2 | 98 | | 0715 | 0.4 | 12 |
| | 1736 | 1.0 | 30 | | 1815 | 0.4 | 12 | | 1840 | 0.8 | 24 | | 1324 | 3.4 | 104 |
| | 2321 | 2.7 | 82 | | | | | ◐ | | | | | 1956 | 0.2 | 6 |
| **6** M | 0520 | 1.0 | 30 | **21** Tu | 0008 | 3.1 | 94 | **6** Th | 0045 | 2.7 | 82 | **21** F | 0215 | 3.4 | 104 |
| | 1156 | 3.4 | 104 | | 0611 | 0.5 | 15 | | 0644 | 1.0 | 30 | | 0828 | 0.5 | 15 |
| | 1831 | 1.1 | 34 | | 1239 | 3.9 | 119 | | 1302 | 3.2 | 98 | | 1428 | 3.2 | 98 |
| | | | | ◑ | 1923 | 0.5 | 15 | | 1931 | 0.7 | 21 | | 2050 | 0.2 | 6 |
| **7** Tu | 0019 | 2.6 | 79 | **22** W | 0123 | 3.2 | 98 | **7** F | 0144 | 2.9 | 88 | **22** Sa | 0316 | 3.5 | 107 |
| | 0618 | 1.1 | 34 | | 0726 | 0.6 | 18 | | 0747 | 0.9 | 27 | | 0934 | 0.5 | 15 |
| | 1253 | 3.3 | 101 | | 1350 | 3.7 | 113 | | 1358 | 3.2 | 98 | | 1527 | 3.0 | 91 |
| ◐ | 1930 | 1.1 | 34 | | 2027 | 0.4 | 12 | | 2021 | 0.5 | 15 | | 2140 | 0.2 | 6 |
| **8** W | 0123 | 2.7 | 82 | **23** Th | 0235 | 3.3 | 101 | **8** Sa | 0239 | 3.2 | 98 | **23** Su | 0408 | 3.7 | 113 |
| | 0722 | 1.1 | 34 | | 0841 | 0.6 | 18 | | 0849 | 0.8 | 24 | | 1031 | 0.4 | 12 |
| | 1353 | 3.3 | 101 | | 1457 | 3.6 | 110 | | 1452 | 3.2 | 98 | | 1620 | 2.9 | 88 |
| | 2026 | 1.0 | 30 | | 2124 | 0.4 | 12 | | 2108 | 0.3 | 9 | | 2224 | 0.2 | 6 |
| **9** Th | 0227 | 2.8 | 85 | **24** F | 0338 | 3.5 | 107 | **9** Su | 0330 | 3.5 | 107 | **24** M | 0453 | 3.8 | 116 |
| | 0826 | 1.0 | 30 | | 0948 | 0.5 | 15 | | 0947 | 0.5 | 15 | | 1122 | 0.3 | 9 |
| | 1449 | 3.4 | 104 | | 1555 | 3.6 | 110 | | 1545 | 3.3 | 101 | | 1706 | 2.9 | 88 |
| | 2115 | 0.8 | 24 | | 2214 | 0.3 | 9 | | 2155 | 0.1 | 3 | | 2305 | 0.2 | 6 |
| **10** F | 0323 | 3.1 | 94 | **25** Sa | 0431 | 3.8 | 116 | **10** M | 0419 | 3.9 | 119 | **25** Tu | 0534 | 3.9 | 119 |
| | 0925 | 0.9 | 27 | | 1046 | 0.4 | 12 | | 1042 | 0.3 | 9 | | 1206 | 0.3 | 9 |
| | 1540 | 3.5 | 107 | | 1646 | 3.5 | 107 | | 1636 | 3.4 | 104 | | 1747 | 2.8 | 85 |
| | 2159 | 0.6 | 18 | | 2258 | 0.2 | 6 | | 2241 | −0.1 | −3 | | 2343 | 0.2 | 6 |
| **11** Sa | 0411 | 3.4 | 104 | **26** Su | 0517 | 4.0 | 122 | **11** Tu | 0507 | 4.2 | 128 | **26** W | 0612 | 3.9 | 119 |
| | 1019 | 0.6 | 18 | | 1136 | 0.3 | 9 | | 1134 | 0.0 | 0 | | 1246 | 0.3 | 9 |
| | 1627 | 3.6 | 110 | | 1731 | 3.4 | 104 | | 1726 | 3.4 | 104 | | 1826 | 2.8 | 85 |
| | 2241 | 0.3 | 9 | | 2337 | 0.2 | 6 | | 2328 | −0.3 | −9 | | | | |
| **12** Su | 0456 | 3.8 | 116 | **27** M | 0558 | 4.1 | 125 | **12** W | 0555 | 4.5 | 137 | **27** Th | 0020 | 0.2 | 6 |
| | 1109 | 0.4 | 12 | | 1221 | 0.3 | 9 | | 1225 | −0.2 | −6 | | 0649 | 3.9 | 119 |
| | 1712 | 3.7 | 113 | | 1811 | 3.3 | 101 | | 1816 | 3.4 | 104 | | 1323 | 0.2 | 6 |
| | 2321 | 0.1 | 3 | | | | | | | | | ● | 1904 | 2.8 | 85 |
| **13** M | 0539 | 4.1 | 125 | **28** Tu | 0013 | 0.2 | 6 | **13** Th | 0016 | −0.4 | −12 | **28** F | 0057 | 0.2 | 6 |
| | 1157 | 0.2 | 6 | | 0636 | 4.2 | 128 | | 0644 | 4.7 | 143 | | 0726 | 3.8 | 116 |
| | 1757 | 3.8 | 116 | | 1302 | 0.3 | 9 | | 1316 | −0.3 | −9 | | 1358 | 0.3 | 9 |
| | | | | ● | 1849 | 3.2 | 98 | ○ | 1906 | 3.5 | 107 | | 1941 | 2.8 | 85 |
| **14** Tu | 0002 | 0.0 | 0 | **29** W | 0048 | 0.2 | 6 | **14** F | 0106 | −0.4 | −12 | **29** Sa | 0134 | 0.3 | 9 |
| | 0622 | 4.4 | 134 | | 0712 | 4.2 | 128 | | 0734 | 4.7 | 143 | | 0802 | 3.8 | 116 |
| | 1245 | 0.0 | 0 | | 1341 | 0.3 | 9 | | 1408 | −0.3 | −9 | | 1434 | 0.3 | 9 |
| ○ | 1841 | 3.8 | 116 | | 1925 | 3.1 | 94 | | 1958 | 3.4 | 104 | | 2019 | 2.7 | 82 |
| **15** W | 0045 | −0.2 | −6 | **30** Th | 0123 | 0.3 | 9 | **15** Sa | 0158 | −0.4 | −12 | **30** Su | 0212 | 0.4 | 12 |
| | 0707 | 4.6 | 140 | | 0748 | 4.1 | 125 | | 0825 | 4.7 | 143 | | 0840 | 3.6 | 110 |
| | 1333 | −0.1 | −3 | | 1418 | 0.4 | 12 | | 1501 | −0.2 | −6 | | 1510 | 0.3 | 9 |
| | 1927 | 3.7 | 113 | | 2002 | 3.0 | 91 | | 2052 | 3.4 | 104 | | 2059 | 2.7 | 82 |
| | | | | **31** F | 0158 | 0.4 | 12 | | | | | | | | |
| | | | | | 0825 | 4.0 | 122 | | | | | | | | |
| | | | | | 1455 | 0.5 | 15 | | | | | | | | |
| | | | | | 2040 | 2.9 | 88 | | | | | | | | |

## November

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm | h m | ft | cm | h m | ft | cm |
| **1** M | 0252 | 0.5 | 15 | **16** Tu | 0339 | −0.4 | −12 | **1** Tu | 0334 | 0.6 | 18 | **17** W | 0439 | −0.1 | −3 |
| | 0919 | 3.5 | 107 | | 0959 | 4.0 | 122 | | 0958 | 3.4 | 104 | | 1053 | 3.7 | 113 |
| | 1548 | 0.4 | 12 | | 1632 | −0.4 | −12 | | 1628 | 0.4 | 12 | | 1726 | −0.2 | −6 |
| | 2141 | 2.6 | 79 | | 2234 | 3.3 | 101 | | 2226 | 2.6 | 79 | | 2335 | 3.2 | 98 |
| **2** Tu | 0334 | 0.6 | 18 | **17** W | 0439 | −0.1 | −3 | **2** W | 0420 | 0.7 | 21 | **18** Th | 0543 | 0.1 | 3 |
| | 0958 | 3.4 | 104 | | 1053 | 3.7 | 113 | | 1041 | 3.3 | 101 | | 1149 | 3.3 | 101 |
| | 1628 | 0.4 | 12 | | 1726 | −0.2 | −6 | | 1710 | 0.4 | 12 | | 1820 | −0.1 | −3 |
| | 2226 | 2.6 | 79 | | 2335 | 3.2 | 98 | | 2314 | 2.7 | 82 | | | | |
| **3** W | 0420 | 0.7 | 21 | **18** Th | 0543 | 0.1 | 3 | **4** Th | 0511 | 0.7 | 21 | **19** F | 0039 | 3.2 | 98 |
| | 1041 | 3.3 | 101 | | 1149 | 3.3 | 101 | | 1126 | 3.1 | 94 | | 0652 | 0.3 | 9 |
| | 1710 | 0.4 | 12 | | 1820 | −0.1 | −3 | | 1754 | 0.4 | 12 | | 1248 | 3.0 | 91 |
| | 2314 | 2.7 | 82 | | | | | | | | | ◑ | 1914 | 0.0 | 0 |
| **4** Th | 0511 | 0.7 | 21 | **19** F | 0039 | 3.2 | 98 | **5** F | 0005 | 2.8 | 85 | **20** Sa | 0142 | 3.3 | 101 |
| | 1126 | 3.1 | 94 | | 0652 | 0.3 | 9 | | 0608 | 0.7 | 21 | | 0803 | 0.4 | 12 |
| | 1754 | 0.4 | 12 | | 1248 | 3.0 | 91 | | 1216 | 3.0 | 91 | | 1349 | 2.7 | 82 |
| | | | | ◑ | 1914 | 0.0 | 0 | ◐ | 1841 | 0.3 | 9 | | 2008 | 0.1 | 3 |
| **5** F | 0005 | 2.8 | 85 | **20** Sa | 0142 | 3.3 | 101 | **6** Sa | 0100 | 3.0 | 91 | **21** Su | 0242 | 3.3 | 101 |
| | 0608 | 0.7 | 21 | | 0803 | 0.4 | 12 | | 0710 | 0.7 | 21 | | 0910 | 0.4 | 12 |
| | 1216 | 3.0 | 91 | | 1349 | 2.7 | 82 | | 1310 | 2.9 | 88 | | 1450 | 2.5 | 76 |
| ◐ | 1841 | 0.3 | 9 | | 2008 | 0.1 | 3 | | 1930 | 0.2 | 6 | | 2100 | 0.2 | 6 |
| **6** Sa | 0100 | 3.0 | 91 | **21** Su | 0242 | 3.3 | 101 | **7** Su | 0155 | 3.2 | 98 | **22** M | 0338 | 3.4 | 104 |
| | 0710 | 0.7 | 21 | | 0910 | 0.4 | 12 | | 0814 | 0.5 | 15 | | 1011 | 0.4 | 12 |
| | 1310 | 2.9 | 88 | | 1450 | 2.5 | 76 | | 1407 | 2.9 | 88 | | 1548 | 2.4 | 73 |
| | 1930 | 0.2 | 6 | | 2100 | 0.2 | 6 | | 2021 | 0.1 | 3 | | 2149 | 0.2 | 6 |
| **7** Su | 0155 | 3.2 | 98 | **22** M | 0338 | 3.4 | 104 | **8** M | 0251 | 3.5 | 107 | **23** Tu | 0427 | 3.4 | 104 |
| | 0814 | 0.5 | 15 | | 1011 | 0.4 | 12 | | 0917 | 0.3 | 9 | | 1103 | 0.4 | 12 |
| | 1407 | 2.9 | 88 | | 1548 | 2.4 | 73 | | 1506 | 2.9 | 88 | | 1640 | 2.4 | 73 |
| | 2021 | 0.1 | 3 | | 2149 | 0.2 | 6 | | 2114 | −0.1 | −3 | | 2235 | 0.2 | 6 |
| **8** M | 0251 | 3.5 | 107 | **23** Tu | 0427 | 3.4 | 104 | **9** Tu | 0346 | 3.9 | 119 | **24** W | 0511 | 3.5 | 107 |
| | 0917 | 0.3 | 9 | | 1103 | 0.4 | 12 | | 1017 | 0.1 | 3 | | 1148 | 0.3 | 9 |
| | 1506 | 2.9 | 88 | | 1640 | 2.4 | 73 | | 1604 | 2.9 | 88 | | 1725 | 2.4 | 73 |
| | 2114 | −0.1 | −3 | | 2235 | 0.2 | 6 | | 2207 | −0.3 | −9 | | 2318 | 0.2 | 6 |
| **9** Tu | 0346 | 3.9 | 119 | **24** W | 0511 | 3.5 | 107 | **10** W | 0440 | 4.2 | 128 | **25** Th | 0552 | 3.5 | 107 |
| | 1017 | 0.1 | 3 | | 1148 | 0.3 | 9 | | 1114 | −0.1 | −3 | | 1228 | 0.2 | 6 |
| | 1604 | 2.9 | 88 | | 1725 | 2.4 | 73 | | 1700 | 3.0 | 91 | | 1807 | 2.5 | 76 |
| | 2207 | −0.3 | −9 | | 2318 | 0.2 | 6 | | 2301 | −0.5 | −15 | | 2359 | 0.1 | 3 |
| **10** W | 0440 | 4.2 | 128 | **25** Th | 0552 | 3.5 | 107 | **11** Th | 0533 | 4.4 | 134 | **26** F | 0631 | 3.6 | 110 |
| | 1114 | −0.1 | −3 | | 1228 | 0.2 | 6 | | 1208 | −0.3 | −9 | | 1304 | 0.2 | 6 |
| | 1700 | 3.0 | 91 | | 1807 | 2.5 | 76 | | 1755 | 3.1 | 94 | | 1846 | 2.5 | 76 |
| | 2301 | −0.5 | −15 | | 2359 | 0.1 | 3 | | 2356 | −0.6 | −18 | | | | |
| **11** Th | 0533 | 4.4 | 134 | **26** F | 0631 | 3.6 | 110 | **12** F | 0627 | 4.5 | 137 | **27** Sa | 0038 | 0.1 | 3 |
| | 1208 | −0.3 | −9 | | 1304 | 0.2 | 6 | | 1302 | −0.5 | −15 | | 0708 | 3.6 | 110 |
| | 1755 | 3.1 | 94 | | 1846 | 2.5 | 76 | | 1850 | 3.2 | 98 | | 1339 | 0.1 | 3 |
| | 2356 | −0.6 | −18 | | | | | ○ | | | | ● | 1924 | 2.6 | 79 |
| **12** F | 0627 | 4.5 | 137 | **27** Sa | 0038 | 0.1 | 3 | **13** Sa | 0050 | −0.7 | −21 | **28** Su | 0116 | 0.1 | 3 |
| | 1302 | −0.5 | −15 | | 0708 | 3.6 | 110 | | 0720 | 4.6 | 140 | | 0744 | 3.6 | 110 |
| | 1850 | 3.2 | 98 | | 1339 | 0.1 | 3 | | 1354 | −0.5 | −15 | | 1412 | 0.1 | 3 |
| ○ | | | | ● | 1924 | 2.6 | 79 | | 1944 | 3.3 | 101 | | 2001 | 2.6 | 79 |
| **13** Sa | 0050 | −0.7 | −21 | **28** Su | 0116 | 0.1 | 3 | **14** Su | 0145 | −0.6 | −18 | **29** M | 0154 | 0.1 | 3 |
| | 0720 | 4.6 | 140 | | 0744 | 3.6 | 110 | | 0813 | 4.5 | 137 | | 0819 | 3.5 | 107 |
| | 1354 | −0.5 | −15 | | 1412 | 0.1 | 3 | | 1447 | −0.5 | −15 | | 1446 | 0.0 | 0 |
| | 1944 | 3.3 | 101 | | 2001 | 2.6 | 79 | | 2039 | 3.3 | 101 | | 2039 | 2.7 | 82 |
| **14** Su | 0145 | −0.6 | −18 | **29** M | 0154 | 0.1 | 3 | **15** M | 0241 | −0.5 | −15 | **30** Tu | 0233 | 0.2 | 6 |
| | 0813 | 4.5 | 137 | | 0819 | 3.5 | 107 | | 0906 | 4.3 | 131 | | 0855 | 3.4 | 104 |
| | 1447 | −0.5 | −15 | | 1446 | 0.0 | 0 | | 1539 | −0.5 | −15 | | 1520 | 0.0 | 0 |
| | 2039 | 3.3 | 101 | | 2039 | 2.7 | 82 | | 2136 | 3.3 | 101 | | 2118 | 2.7 | 82 |
| **15** M | 0241 | −0.5 | −15 | **30** Tu | 0233 | 0.2 | 6 | | | | | **31** W | 0314 | 0.2 | 6 |
| | 0906 | 4.3 | 131 | | 0855 | 3.4 | 104 | | | | | | 0931 | 3.3 | 101 |
| | 1539 | −0.5 | −15 | | 1520 | 0.0 | 0 | | | | | | 1555 | 0.0 | 0 |
| | 2136 | 3.3 | 101 | | 2118 | 2.7 | 82 | | | | | | 2158 | 2.7 | 82 |

## December

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Oregon Inlet, North Carolina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0234 | 0.8 | 24 |
| | 0914 | 0.1 | 3 |
| | 1444 | 0.6 | 18 |
| | 2107 | 0.0 | 0 |
| **2** W | 0326 | 0.8 | 24 |
| | 1010 | 0.1 | 3 |
| | 1547 | 0.6 | 18 |
| | 2156 | 0.0 | 0 |
| **3** Th | 0415 | 0.8 | 24 |
| | 1102 | 0.0 | 0 |
| | 1641 | 0.6 | 18 |
| | 2243 | 0.0 | 0 |
| **4** F | 0501 | 0.8 | 24 |
| | 1152 | 0.0 | 0 |
| | 1728 | 0.6 | 18 |
| | 2326 | 0.0 | 0 |
| **5** Sa | 0542 | 0.9 | 27 |
| | 1239 | 0.0 | 0 |
| | 1809 | 0.6 | 18 |
| **6** Su | 0005 | 0.0 | 0 |
| | 0620 | 0.9 | 27 |
| | 1325 | 0.0 | 0 |
| | 1846 | 0.6 | 18 |
| **7** M | 0041 | 0.0 | 0 |
| | 0655 | 1.0 | 30 |
| | 1407 | −0.1 | −3 |
| | 1922 | 0.6 | 18 |
| **8** Tu ● | 0117 | 0.0 | 0 |
| | 0729 | 1.0 | 30 |
| | 1448 | −0.1 | −3 |
| | 1958 | 0.6 | 18 |
| **9** W | 0154 | 0.0 | 0 |
| | 0803 | 1.0 | 30 |
| | 1525 | −0.1 | −3 |
| | 2036 | 0.7 | 21 |
| **10** Th | 0235 | 0.0 | 0 |
| | 0840 | 1.0 | 30 |
| | 1559 | −0.1 | −3 |
| | 2116 | 0.8 | 24 |
| **11** F | 0321 | 0.0 | 0 |
| | 0920 | 1.0 | 30 |
| | 1630 | −0.1 | −3 |
| | 2158 | 0.8 | 24 |
| **12** Sa | 0413 | 0.0 | 0 |
| | 1002 | 1.0 | 30 |
| | 1700 | −0.1 | −3 |
| | 2243 | 0.9 | 27 |
| **13** Su | 0509 | 0.0 | 0 |
| | 1049 | 0.9 | 27 |
| | 1734 | 0.0 | 0 |
| | 2333 | 1.0 | 30 |
| **14** M | 0611 | 0.0 | 0 |
| | 1141 | 0.8 | 24 |
| | 1815 | 0.0 | 0 |
| **15** Tu ◐ | 0027 | 1.0 | 30 |
| | 0719 | 0.1 | 3 |
| | 1239 | 0.8 | 24 |
| | 1906 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0128 | 1.0 | 30 |
| | 0833 | 0.1 | 3 |
| | 1344 | 0.7 | 21 |
| | 2007 | 0.0 | 0 |
| **17** Th | 0234 | 1.1 | 34 |
| | 0949 | 0.1 | 3 |
| | 1456 | 0.7 | 21 |
| | 2117 | 0.0 | 0 |
| **18** F | 0341 | 1.1 | 34 |
| | 1059 | 0.1 | 3 |
| | 1607 | 0.7 | 21 |
| | 2229 | 0.0 | 0 |
| **19** Sa | 0445 | 1.2 | 37 |
| | 1203 | 0.0 | 0 |
| | 1711 | 0.8 | 24 |
| | 2335 | 0.0 | 0 |
| **20** Su | 0543 | 1.2 | 37 |
| | 1300 | 0.0 | 0 |
| | 1810 | 0.8 | 24 |
| **21** M | 0035 | −0.1 | −3 |
| | 0636 | 1.2 | 37 |
| | 1352 | −0.1 | −3 |
| | 1904 | 0.8 | 24 |
| **22** Tu ○ | 0131 | −0.1 | −3 |
| | 0725 | 1.2 | 37 |
| | 1439 | −0.1 | −3 |
| | 1956 | 0.9 | 27 |
| **23** W | 0225 | −0.1 | −3 |
| | 0810 | 1.2 | 37 |
| | 1523 | −0.1 | −3 |
| | 2046 | 0.9 | 27 |
| **24** Th | 0317 | −0.1 | −3 |
| | 0854 | 1.1 | 34 |
| | 1604 | −0.1 | −3 |
| | 2134 | 0.9 | 27 |
| **25** F | 0408 | 0.0 | 0 |
| | 0937 | 1.0 | 30 |
| | 1643 | −0.1 | −3 |
| | 2221 | 0.9 | 27 |
| **26** Sa | 0458 | 0.0 | 0 |
| | 1020 | 0.9 | 27 |
| | 1721 | −0.1 | −3 |
| | 2307 | 0.9 | 27 |
| **27** Su | 0547 | 0.0 | 0 |
| | 1104 | 0.8 | 24 |
| | 1758 | −0.1 | −3 |
| | 2353 | 0.9 | 27 |
| **28** M | 0637 | 0.0 | 0 |
| | 1152 | 0.7 | 21 |
| | 1836 | 0.0 | 0 |
| **29** Tu | 0042 | 0.8 | 24 |
| | 0728 | 0.1 | 3 |
| | 1246 | 0.6 | 18 |
| | 1919 | 0.0 | 0 |
| **30** W ◑ | 0134 | 0.8 | 24 |
| | 0822 | 0.1 | 3 |
| | 1351 | 0.6 | 18 |
| | 2009 | 0.0 | 0 |
| **31** Th | 0231 | 0.8 | 24 |
| | 0921 | 0.1 | 3 |
| | 1502 | 0.5 | 15 |
| | 2101 | 0.1 | 3 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0328 | 0.8 | 24 |
| | 1021 | 0.1 | 3 |
| | 1604 | 0.5 | 15 |
| | 2153 | 0.0 | 0 |
| **2** Sa | 0420 | 0.8 | 24 |
| | 1118 | 0.0 | 0 |
| | 1656 | 0.6 | 18 |
| | 2242 | 0.0 | 0 |
| **3** Su | 0505 | 0.9 | 27 |
| | 1210 | 0.0 | 0 |
| | 1741 | 0.6 | 18 |
| | 2328 | 0.0 | 0 |
| **4** M | 0545 | 0.9 | 27 |
| | 1255 | 0.0 | 0 |
| | 1821 | 0.6 | 18 |
| **5** Tu | 0012 | 0.0 | 0 |
| | 0623 | 1.0 | 30 |
| | 1336 | −0.1 | −3 |
| | 1859 | 0.7 | 21 |
| **6** W ● | 0058 | 0.0 | 0 |
| | 0700 | 1.0 | 30 |
| | 1413 | −0.1 | −3 |
| | 1936 | 0.8 | 24 |
| **7** Th | 0144 | 0.0 | 0 |
| | 0738 | 1.1 | 34 |
| | 1447 | −0.1 | −3 |
| | 2014 | 0.9 | 27 |
| **8** F | 0232 | 0.0 | 0 |
| | 0818 | 1.0 | 30 |
| | 1519 | −0.1 | −3 |
| | 2053 | 1.0 | 30 |
| **9** Sa | 0322 | 0.0 | 0 |
| | 0901 | 1.0 | 30 |
| | 1549 | −0.1 | −3 |
| | 2135 | 1.1 | 34 |
| **10** Su | 0414 | 0.0 | 0 |
| | 0945 | 1.0 | 30 |
| | 1622 | 0.0 | 0 |
| | 2220 | 1.1 | 34 |
| **11** M | 0508 | 0.0 | 0 |
| | 1033 | 0.9 | 27 |
| | 1701 | 0.0 | 0 |
| | 2309 | 1.1 | 34 |
| **12** Tu | 0608 | 0.0 | 0 |
| | 1125 | 0.8 | 24 |
| | 1749 | 0.1 | 3 |
| **13** W ◐ | 0004 | 1.1 | 34 |
| | 0715 | 0.1 | 3 |
| | 1223 | 0.8 | 24 |
| | 1847 | 0.1 | 3 |
| **14** Th | 0106 | 1.1 | 34 |
| | 0828 | 0.1 | 3 |
| | 1329 | 0.8 | 24 |
| | 1957 | 0.1 | 3 |
| **15** F | 0216 | 1.1 | 34 |
| | 0943 | 0.1 | 3 |
| | 1445 | 0.7 | 21 |
| | 2114 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0327 | 1.1 | 34 |
| | 1051 | 0.1 | 3 |
| | 1601 | 0.8 | 24 |
| | 2227 | 0.1 | 3 |
| **17** Su | 0432 | 1.1 | 34 |
| | 1151 | 0.1 | 3 |
| | 1707 | 0.8 | 24 |
| | 2332 | 0.0 | 0 |
| **18** M | 0529 | 1.2 | 37 |
| | 1243 | 0.0 | 0 |
| | 1804 | 0.9 | 27 |
| **19** Tu | 0031 | 0.0 | 0 |
| | 0619 | 1.1 | 34 |
| | 1329 | 0.0 | 0 |
| | 1855 | 0.9 | 27 |
| **20** W ○ | 0126 | 0.0 | 0 |
| | 0705 | 1.1 | 34 |
| | 1411 | −0.1 | −3 |
| | 1942 | 1.0 | 30 |
| **21** Th | 0217 | 0.0 | 0 |
| | 0748 | 1.1 | 34 |
| | 1450 | −0.1 | −3 |
| | 2026 | 1.0 | 30 |
| **22** F | 0305 | 0.0 | 0 |
| | 0830 | 1.0 | 30 |
| | 1525 | −0.1 | −3 |
| | 2107 | 1.1 | 34 |
| **23** Sa | 0350 | 0.0 | 0 |
| | 0911 | 0.9 | 27 |
| | 1559 | −0.1 | −3 |
| | 2147 | 1.0 | 30 |
| **24** Su | 0433 | 0.0 | 0 |
| | 0951 | 0.8 | 24 |
| | 1630 | 0.0 | 0 |
| | 2225 | 1.0 | 30 |
| **25** M | 0513 | 0.0 | 0 |
| | 1032 | 0.8 | 24 |
| | 1701 | 0.0 | 0 |
| | 2304 | 0.9 | 27 |
| **26** Tu | 0554 | 0.1 | 3 |
| | 1114 | 0.7 | 21 |
| | 1736 | 0.1 | 3 |
| | 2345 | 0.9 | 27 |
| **27** W | 0638 | 0.1 | 3 |
| | 1159 | 0.6 | 18 |
| | 1817 | 0.1 | 3 |
| **28** Th ◑ | 0031 | 0.8 | 24 |
| | 0732 | 0.1 | 3 |
| | 1252 | 0.6 | 18 |
| | 1905 | 0.1 | 3 |
| **29** F | 0125 | 0.8 | 24 |
| | 0836 | 0.1 | 3 |
| | 1402 | 0.6 | 18 |
| | 1957 | 0.1 | 3 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0224 | 0.8 | 24 |
| | 0942 | 0.1 | 3 |
| | 1520 | 0.6 | 18 |
| | 2054 | 0.1 | 3 |
| **2** Su | 0323 | 0.9 | 27 |
| | 1041 | 0.1 | 3 |
| | 1621 | 0.6 | 18 |
| | 2153 | 0.1 | 3 |
| **3** M | 0415 | 0.9 | 27 |
| | 1131 | 0.1 | 3 |
| | 1710 | 0.7 | 21 |
| | 2251 | 0.1 | 3 |
| **4** Tu | 0501 | 1.0 | 30 |
| | 1215 | 0.0 | 0 |
| | 1751 | 0.8 | 24 |
| | 2348 | 0.1 | 3 |
| **5** W | 0545 | 1.0 | 30 |
| | 1253 | 0.0 | 0 |
| | 1830 | 0.9 | 27 |
| **6** Th | 0042 | 0.1 | 3 |
| | 0629 | 1.1 | 34 |
| | 1328 | 0.0 | 0 |
| | 1908 | 1.0 | 30 |
| **7** F ● | 0135 | 0.0 | 0 |
| | 0713 | 1.1 | 34 |
| | 1402 | 0.0 | 0 |
| | 1948 | 1.1 | 34 |
| **8** Sa | 0227 | 0.0 | 0 |
| | 0757 | 1.1 | 34 |
| | 1436 | 0.0 | 0 |
| | 2029 | 1.2 | 37 |
| **9** Su | 0318 | 0.0 | 0 |
| | 0843 | 1.0 | 30 |
| | 1512 | 0.0 | 0 |
| | 2113 | 1.3 | 40 |
| **10** M | 0411 | 0.0 | 0 |
| | 0930 | 1.0 | 30 |
| | 1552 | 0.0 | 0 |
| | 2159 | 1.3 | 40 |
| **11** Tu | 0506 | 0.0 | 0 |
| | 1019 | 0.9 | 27 |
| | 1639 | 0.1 | 3 |
| | 2250 | 1.3 | 40 |
| **12** W | 0607 | 0.1 | 3 |
| | 1111 | 0.9 | 27 |
| | 1734 | 0.1 | 3 |
| | 2347 | 1.2 | 37 |
| **13** Th | 0714 | 0.1 | 3 |
| | 1211 | 0.8 | 24 |
| | 1839 | 0.2 | 6 |
| **14** F ◐ | 0050 | 1.2 | 37 |
| | 0824 | 0.2 | 6 |
| | 1323 | 0.8 | 24 |
| | 1954 | 0.2 | 6 |
| **15** Sa | 0200 | 1.2 | 37 |
| | 0933 | 0.2 | 6 |
| | 1446 | 0.8 | 24 |
| | 2111 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0311 | 1.1 | 34 |
| | 1034 | 0.1 | 3 |
| | 1601 | 0.8 | 24 |
| | 2222 | 0.2 | 6 |
| **17** M | 0414 | 1.1 | 34 |
| | 1129 | 0.1 | 3 |
| | 1702 | 0.9 | 27 |
| | 2327 | 0.2 | 6 |
| **18** Tu | 0509 | 1.1 | 34 |
| | 1216 | 0.0 | 0 |
| | 1754 | 1.0 | 30 |
| **19** W | 0025 | 0.1 | 3 |
| | 0558 | 1.1 | 34 |
| | 1258 | 0.0 | 0 |
| | 1840 | 1.1 | 34 |
| **20** Th | 0118 | 0.1 | 3 |
| | 0643 | 1.0 | 30 |
| | 1336 | 0.0 | 0 |
| | 1922 | 1.1 | 34 |
| **21** F ○ | 0206 | 0.1 | 3 |
| | 0725 | 1.0 | 30 |
| | 1412 | 0.0 | 0 |
| | 2001 | 1.1 | 34 |
| **22** Sa | 0249 | 0.1 | 3 |
| | 0806 | 0.9 | 27 |
| | 1444 | 0.0 | 0 |
| | 2037 | 1.1 | 34 |
| **23** Su | 0329 | 0.0 | 0 |
| | 0846 | 0.9 | 27 |
| | 1514 | 0.0 | 0 |
| | 2113 | 1.1 | 34 |
| **24** M | 0407 | 0.1 | 3 |
| | 0923 | 0.8 | 24 |
| | 1541 | 0.1 | 3 |
| | 2147 | 1.1 | 34 |
| **25** Tu | 0443 | 0.1 | 3 |
| | 1000 | 0.8 | 24 |
| | 1610 | 0.1 | 3 |
| | 2222 | 1.0 | 30 |
| **26** W | 0522 | 0.1 | 3 |
| | 1038 | 0.7 | 21 |
| | 1644 | 0.1 | 3 |
| | 2300 | 1.0 | 30 |
| **27** Th | 0607 | 0.1 | 3 |
| | 1119 | 0.7 | 21 |
| | 1723 | 0.2 | 6 |
| | 2342 | 1.0 | 30 |
| **28** F | 0701 | 0.2 | 6 |
| | 1208 | 0.6 | 18 |
| | 1808 | 0.2 | 6 |
| **29** Sa | 0030 | 0.9 | 27 |
| | 0802 | 0.2 | 6 |
| | 1311 | 0.6 | 18 |
| | 1901 | 0.2 | 6 |
| **30** Su | 0123 | 1.0 | 30 |
| | 0903 | 0.1 | 3 |
| | 1431 | 0.6 | 18 |
| | 2001 | 0.2 | 6 |
| **31** M | 0220 | 1.0 | 30 |
| | 0956 | 0.1 | 3 |
| | 1540 | 0.7 | 21 |
| | 2109 | 0.2 | 6 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Oregon Inlet, North Carolina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0318 | 1.0 | 30 |
| | 1042 | 0.1 | 3 |
| | 1632 | 0.8 | 24 |
| | 2219 | 0.2 | 6 |
| **2** W | 0414 | 1.0 | 30 |
| | 1122 | 0.0 | 0 |
| | 1715 | 0.9 | 27 |
| | 2325 | 0.2 | 6 |
| **3** Th | 0507 | 1.0 | 30 |
| | 1200 | 0.0 | 0 |
| | 1757 | 1.1 | 34 |
| **4** F | 0026 | 0.1 | 3 |
| | 0558 | 1.0 | 30 |
| | 1238 | 0.0 | 0 |
| | 1838 | 1.2 | 37 |
| **5** Sa | 0122 | 0.0 | 0 |
| | 0647 | 1.0 | 30 |
| | 1316 | 0.0 | 0 |
| ● | 1921 | 1.3 | 40 |
| **6** Su | 0216 | 0.0 | 0 |
| | 0736 | 1.0 | 30 |
| | 1358 | 0.0 | 0 |
| | 2006 | 1.4 | 43 |
| **7** M | 0310 | 0.0 | 0 |
| | 0824 | 1.0 | 30 |
| | 1442 | 0.0 | 0 |
| | 2053 | 1.4 | 43 |
| **8** Tu | 0405 | 0.0 | 0 |
| | 0913 | 1.0 | 30 |
| | 1531 | 0.1 | 3 |
| | 2143 | 1.4 | 43 |
| **9** W | 0503 | 0.1 | 3 |
| | 1004 | 0.9 | 27 |
| | 1624 | 0.1 | 3 |
| | 2236 | 1.4 | 43 |
| **10** Th | 0604 | 0.1 | 3 |
| | 1100 | 0.9 | 27 |
| | 1724 | 0.1 | 3 |
| | 2333 | 1.3 | 40 |
| **11** F | 0708 | 0.1 | 3 |
| | 1205 | 0.8 | 24 |
| | 1832 | 0.2 | 6 |
| **12** Sa | 0034 | 1.2 | 37 |
| | 0812 | 0.1 | 3 |
| | 1324 | 0.8 | 24 |
| ◐ | 1947 | 0.2 | 6 |
| **13** Su | 0140 | 1.2 | 37 |
| | 0912 | 0.1 | 3 |
| | 1445 | 0.8 | 24 |
| | 2101 | 0.2 | 6 |
| **14** M | 0246 | 1.1 | 34 |
| | 1008 | 0.1 | 3 |
| | 1553 | 0.9 | 27 |
| | 2212 | 0.2 | 6 |
| **15** Tu | 0348 | 1.0 | 30 |
| | 1057 | 0.0 | 0 |
| | 1649 | 1.0 | 30 |
| | 2316 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0443 | 1.0 | 30 |
| | 1142 | 0.0 | 0 |
| | 1736 | 1.1 | 34 |
| **17** Th | 0013 | 0.2 | 6 |
| | 0533 | 0.9 | 27 |
| | 1222 | 0.0 | 0 |
| | 1819 | 1.1 | 34 |
| **18** F | 0103 | 0.1 | 3 |
| | 0619 | 0.9 | 27 |
| | 1259 | 0.0 | 0 |
| | 1858 | 1.2 | 37 |
| **19** Sa | 0148 | 0.1 | 3 |
| | 0702 | 0.9 | 27 |
| | 1334 | 0.0 | 0 |
| | 1934 | 1.2 | 37 |
| **20** Su | 0229 | 0.1 | 3 |
| | 0742 | 0.8 | 24 |
| | 1405 | 0.0 | 0 |
| ○ | 2009 | 1.1 | 34 |
| **21** M | 0307 | 0.1 | 3 |
| | 0820 | 0.8 | 24 |
| | 1433 | 0.1 | 3 |
| | 2043 | 1.1 | 34 |
| **22** Tu | 0344 | 0.1 | 3 |
| | 0855 | 0.8 | 24 |
| | 1459 | 0.1 | 3 |
| | 2116 | 1.1 | 34 |
| **23** W | 0423 | 0.1 | 3 |
| | 0930 | 0.7 | 21 |
| | 1528 | 0.1 | 3 |
| | 2150 | 1.1 | 34 |
| **24** Th | 0505 | 0.1 | 3 |
| | 1006 | 0.7 | 21 |
| | 1601 | 0.1 | 3 |
| | 2226 | 1.1 | 34 |
| **25** F | 0552 | 0.1 | 3 |
| | 1047 | 0.6 | 18 |
| | 1639 | 0.2 | 6 |
| | 2305 | 1.0 | 30 |
| **26** Sa | 0641 | 0.1 | 3 |
| | 1136 | 0.6 | 18 |
| | 1724 | 0.2 | 6 |
| | 2349 | 1.0 | 30 |
| **27** Su | 0731 | 0.1 | 3 |
| | 1236 | 0.6 | 18 |
| | 1818 | 0.2 | 6 |
| **28** M | 0037 | 1.0 | 30 |
| | 0819 | 0.1 | 3 |
| | 1345 | 0.7 | 21 |
| ◑ | 1922 | 0.3 | 9 |
| **29** Tu | 0131 | 1.0 | 30 |
| | 0903 | 0.1 | 3 |
| | 1451 | 0.8 | 24 |
| | 2035 | 0.3 | 9 |
| **30** W | 0230 | 1.0 | 30 |
| | 0944 | 0.1 | 3 |
| | 1547 | 0.9 | 27 |
| | 2151 | 0.2 | 6 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0331 | 1.0 | 30 |
| | 1025 | 0.0 | 0 |
| | 1636 | 1.1 | 34 |
| | 2302 | 0.2 | 6 |
| **2** F | 0432 | 1.0 | 30 |
| | 1107 | 0.0 | 0 |
| | 1723 | 1.2 | 37 |
| **3** Sa | 0007 | 0.1 | 3 |
| | 0529 | 1.0 | 30 |
| | 1152 | 0.0 | 0 |
| | 1811 | 1.3 | 40 |
| **4** Su | 0106 | 0.1 | 3 |
| | 0622 | 1.0 | 30 |
| | 1240 | 0.0 | 0 |
| | 1859 | 1.4 | 43 |
| **5** M | 0203 | 0.0 | 0 |
| | 0714 | 1.0 | 30 |
| | 1330 | 0.0 | 0 |
| ● | 1948 | 1.5 | 46 |
| **6** Tu | 0300 | 0.0 | 0 |
| | 0805 | 1.0 | 30 |
| | 1421 | 0.0 | 0 |
| | 2038 | 1.5 | 46 |
| **7** W | 0358 | 0.0 | 0 |
| | 0856 | 1.0 | 30 |
| | 1515 | 0.0 | 0 |
| | 2130 | 1.5 | 46 |
| **8** Th | 0456 | 0.1 | 3 |
| | 0951 | 0.9 | 27 |
| | 1612 | 0.1 | 3 |
| | 2223 | 1.4 | 43 |
| **9** F | 0555 | 0.1 | 3 |
| | 1051 | 0.9 | 27 |
| | 1714 | 0.1 | 3 |
| | 2317 | 1.3 | 40 |
| **10** Sa | 0653 | 0.1 | 3 |
| | 1200 | 0.8 | 24 |
| | 1822 | 0.2 | 6 |
| **11** Su | 0014 | 1.2 | 37 |
| | 0749 | 0.1 | 3 |
| | 1317 | 0.8 | 24 |
| ◐ | 1934 | 0.2 | 6 |
| **12** M | 0114 | 1.1 | 34 |
| | 0842 | 0.0 | 0 |
| | 1430 | 0.9 | 27 |
| | 2045 | 0.3 | 9 |
| **13** Tu | 0216 | 1.0 | 30 |
| | 0932 | 0.0 | 0 |
| | 1532 | 1.0 | 30 |
| | 2154 | 0.3 | 9 |
| **14** W | 0318 | 0.9 | 27 |
| | 1020 | 0.0 | 0 |
| | 1625 | 1.0 | 30 |
| | 2257 | 0.2 | 6 |
| **15** Th | 0415 | 0.9 | 27 |
| | 1104 | 0.0 | 0 |
| | 1711 | 1.1 | 34 |
| | 2352 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0508 | 0.8 | 24 |
| | 1145 | 0.0 | 0 |
| | 1753 | 1.1 | 34 |
| **17** Sa | 0041 | 0.2 | 6 |
| | 0555 | 0.8 | 24 |
| | 1224 | 0.0 | 0 |
| | 1832 | 1.1 | 34 |
| **18** Su | 0125 | 0.1 | 3 |
| | 0638 | 0.8 | 24 |
| | 1300 | 0.0 | 0 |
| | 1909 | 1.1 | 34 |
| **19** M | 0206 | 0.1 | 3 |
| | 0717 | 0.8 | 24 |
| | 1331 | 0.0 | 0 |
| ○ | 1944 | 1.1 | 34 |
| **20** Tu | 0246 | 0.1 | 3 |
| | 0753 | 0.7 | 21 |
| | 1359 | 0.0 | 0 |
| | 2018 | 1.1 | 34 |
| **21** W | 0327 | 0.1 | 3 |
| | 0827 | 0.7 | 21 |
| | 1424 | 0.0 | 0 |
| | 2050 | 1.1 | 34 |
| **22** Th | 0409 | 0.1 | 3 |
| | 0902 | 0.7 | 21 |
| | 1453 | 0.1 | 3 |
| | 2123 | 1.1 | 34 |
| **23** F | 0452 | 0.1 | 3 |
| | 0940 | 0.6 | 18 |
| | 1526 | 0.1 | 3 |
| | 2157 | 1.1 | 34 |
| **24** Sa | 0535 | 0.1 | 3 |
| | 1023 | 0.6 | 18 |
| | 1606 | 0.1 | 3 |
| | 2234 | 1.1 | 34 |
| **25** Su | 0615 | 0.1 | 3 |
| | 1111 | 0.6 | 18 |
| | 1654 | 0.2 | 6 |
| | 2316 | 1.1 | 34 |
| **26** M | 0654 | 0.1 | 3 |
| | 1206 | 0.7 | 21 |
| | 1751 | 0.2 | 6 |
| **27** Tu | 0002 | 1.1 | 34 |
| | 0731 | 0.1 | 3 |
| | 1304 | 0.8 | 24 |
| ◑ | 1856 | 0.2 | 6 |
| **28** W | 0055 | 1.0 | 30 |
| | 0808 | 0.1 | 3 |
| | 1405 | 0.9 | 27 |
| | 2009 | 0.2 | 6 |
| **29** Th | 0154 | 1.0 | 30 |
| | 0850 | 0.1 | 3 |
| | 1503 | 1.0 | 30 |
| | 2125 | 0.2 | 6 |
| **30** F | 0257 | 0.9 | 27 |
| | 0936 | 0.0 | 0 |
| | 1600 | 1.1 | 34 |
| | 2239 | 0.2 | 6 |
| **31** Sa | 0401 | 0.9 | 27 |
| | 1027 | 0.0 | 0 |
| | 1655 | 1.3 | 40 |
| | 2348 | 0.1 | 3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0502 | 0.9 | 27 |
| | 1120 | 0.0 | 0 |
| | 1748 | 1.4 | 43 |
| **2** M | 0051 | 0.1 | 3 |
| | 0559 | 1.0 | 30 |
| | 1215 | 0.0 | 0 |
| | 1841 | 1.4 | 43 |
| **3** Tu | 0152 | 0.1 | 3 |
| | 0653 | 1.0 | 30 |
| | 1311 | 0.0 | 0 |
| ● | 1933 | 1.5 | 46 |
| **4** W | 0251 | 0.1 | 3 |
| | 0747 | 1.0 | 30 |
| | 1407 | 0.0 | 0 |
| | 2025 | 1.5 | 46 |
| **5** Th | 0347 | 0.1 | 3 |
| | 0841 | 0.9 | 27 |
| | 1503 | 0.0 | 0 |
| | 2116 | 1.5 | 46 |
| **6** F | 0442 | 0.0 | 0 |
| | 0939 | 0.9 | 27 |
| | 1601 | 0.0 | 0 |
| | 2206 | 1.4 | 43 |
| **7** Sa | 0535 | 0.0 | 0 |
| | 1040 | 0.9 | 27 |
| | 1703 | 0.1 | 3 |
| | 2256 | 1.3 | 40 |
| **8** Su | 0627 | 0.0 | 0 |
| | 1145 | 0.9 | 27 |
| | 1807 | 0.2 | 6 |
| | 2348 | 1.2 | 37 |
| **9** M | 0716 | 0.0 | 0 |
| | 1254 | 0.9 | 27 |
| | 1914 | 0.2 | 6 |
| **10** Tu | 0043 | 1.0 | 30 |
| | 0805 | 0.0 | 0 |
| | 1359 | 0.9 | 27 |
| ◐ | 2021 | 0.3 | 9 |
| **11** W | 0143 | 0.9 | 27 |
| | 0853 | 0.0 | 0 |
| | 1459 | 1.0 | 30 |
| | 2126 | 0.3 | 9 |
| **12** Th | 0246 | 0.8 | 24 |
| | 0940 | 0.0 | 0 |
| | 1552 | 1.0 | 30 |
| | 2226 | 0.3 | 9 |
| **13** F | 0346 | 0.8 | 24 |
| | 1026 | 0.0 | 0 |
| | 1640 | 1.0 | 30 |
| | 2321 | 0.2 | 6 |
| **14** Sa | 0440 | 0.8 | 24 |
| | 1110 | 0.0 | 0 |
| | 1725 | 1.0 | 30 |
| **15** Su | 0011 | 0.2 | 6 |
| | 0528 | 0.7 | 21 |
| | 1151 | 0.0 | 0 |
| | 1807 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0058 | 0.2 | 6 |
| | 0611 | 0.7 | 21 |
| | 1228 | 0.0 | 0 |
| | 1846 | 1.1 | 34 |
| **17** Tu | 0143 | 0.2 | 6 |
| | 0650 | 0.7 | 21 |
| | 1300 | 0.0 | 0 |
| | 1922 | 1.1 | 34 |
| **18** W | 0226 | 0.1 | 3 |
| | 0727 | 0.7 | 21 |
| | 1328 | 0.0 | 0 |
| ○ | 1954 | 1.1 | 34 |
| **19** Th | 0309 | 0.1 | 3 |
| | 0803 | 0.7 | 21 |
| | 1356 | 0.0 | 0 |
| | 2025 | 1.2 | 37 |
| **20** F | 0350 | 0.1 | 3 |
| | 0839 | 0.7 | 21 |
| | 1428 | 0.1 | 3 |
| | 2057 | 1.2 | 37 |
| **21** Sa | 0429 | 0.1 | 3 |
| | 0918 | 0.7 | 21 |
| | 1505 | 0.1 | 3 |
| | 2130 | 1.2 | 37 |
| **22** Su | 0505 | 0.1 | 3 |
| | 1000 | 0.7 | 21 |
| | 1548 | 0.1 | 3 |
| | 2208 | 1.2 | 37 |
| **23** M | 0538 | 0.1 | 3 |
| | 1045 | 0.8 | 24 |
| | 1638 | 0.2 | 6 |
| | 2249 | 1.1 | 34 |
| **24** Tu | 0609 | 0.1 | 3 |
| | 1134 | 0.9 | 27 |
| | 1734 | 0.2 | 6 |
| | 2336 | 1.1 | 34 |
| **25** W | 0643 | 0.1 | 3 |
| | 1227 | 0.9 | 27 |
| | 1837 | 0.2 | 6 |
| **26** Th | 0028 | 1.0 | 30 |
| | 0722 | 0.1 | 3 |
| | 1325 | 1.0 | 30 |
| ◑ | 1946 | 0.3 | 9 |
| **27** F | 0126 | 1.0 | 30 |
| | 0809 | 0.1 | 3 |
| | 1427 | 1.1 | 34 |
| | 2102 | 0.3 | 9 |
| **28** Sa | 0230 | 1.0 | 30 |
| | 0903 | 0.1 | 3 |
| | 1531 | 1.2 | 37 |
| | 2221 | 0.3 | 9 |
| **29** Su | 0335 | 1.0 | 30 |
| | 1002 | 0.1 | 3 |
| | 1633 | 1.3 | 40 |
| | 2334 | 0.2 | 6 |
| **30** M | 0439 | 1.0 | 30 |
| | 1103 | 0.0 | 0 |
| | 1732 | 1.4 | 43 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Oregon Inlet, North Carolina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0041 | 0.2 | 6 | 16 W | 0116 | 0.2 | 6 |
| | 0539 | 1.0 | 30 | | 0625 | 0.8 | 24 |
| | 1202 | 0.0 | 0 | | 1230 | 0.1 | 3 |
| | 1827 | 1.5 | 46 | | 1855 | 1.2 | 37 |
| 2 W ● | 0141 | 0.2 | 6 | 17 Th | 0200 | 0.2 | 6 |
| | 0637 | 1.0 | 30 | | 0704 | 0.8 | 24 |
| | 1301 | 0.0 | 0 | | 1303 | 0.1 | 3 |
| | 1920 | 1.5 | 46 | | 1927 | 1.2 | 37 |
| 3 Th | 0237 | 0.1 | 3 | 18 F ○ | 0240 | 0.2 | 6 |
| | 0733 | 1.0 | 30 | | 0740 | 0.8 | 24 |
| | 1358 | 0.0 | 0 | | 1337 | 0.1 | 3 |
| | 2010 | 1.5 | 46 | | 1958 | 1.2 | 37 |
| 4 F | 0329 | 0.1 | 3 | 19 Sa | 0318 | 0.2 | 6 |
| | 0828 | 1.0 | 30 | | 0817 | 0.9 | 27 |
| | 1454 | 0.0 | 0 | | 1414 | 0.1 | 3 |
| | 2058 | 1.5 | 46 | | 2030 | 1.3 | 40 |
| 5 Sa | 0418 | 0.1 | 3 | 20 Su | 0352 | 0.2 | 6 |
| | 0924 | 1.0 | 30 | | 0855 | 0.9 | 27 |
| | 1551 | 0.1 | 3 | | 1455 | 0.2 | 6 |
| | 2145 | 1.4 | 43 | | 2106 | 1.3 | 40 |
| 6 Su | 0506 | 0.1 | 3 | 21 M | 0424 | 0.2 | 6 |
| | 1021 | 1.0 | 30 | | 0934 | 1.0 | 30 |
| | 1649 | 0.1 | 3 | | 1541 | 0.2 | 6 |
| | 2232 | 1.3 | 40 | | 2145 | 1.2 | 37 |
| 7 M | 0552 | 0.1 | 3 | 22 Tu | 0453 | 0.2 | 6 |
| | 1118 | 1.0 | 30 | | 1017 | 1.0 | 30 |
| | 1748 | 0.2 | 6 | | 1630 | 0.2 | 6 |
| | 2320 | 1.1 | 34 | | 2228 | 1.2 | 37 |
| 8 Tu | 0637 | 0.1 | 3 | 23 W | 0524 | 0.2 | 6 |
| | 1216 | 1.0 | 30 | | 1104 | 1.1 | 34 |
| | 1847 | 0.3 | 9 | | 1724 | 0.3 | 9 |
| | | | | | 2315 | 1.1 | 34 |
| 9 W ◐ | 0012 | 1.0 | 30 | 24 Th | 0601 | 0.2 | 6 |
| | 0724 | 0.1 | 3 | | 1155 | 1.2 | 37 |
| | 1316 | 1.0 | 30 | | 1823 | 0.3 | 9 |
| | 1946 | 0.3 | 9 | | | | |
| 10 Th | 0109 | 0.9 | 27 | 25 F ◑ | 0007 | 1.1 | 34 |
| | 0811 | 0.1 | 3 | | 0648 | 0.3 | 9 |
| | 1415 | 1.0 | 30 | | 1254 | 1.2 | 37 |
| | 2046 | 0.3 | 9 | | 1931 | 0.3 | 9 |
| 11 F | 0211 | 0.9 | 27 | 26 Sa | 0105 | 1.1 | 34 |
| | 0900 | 0.1 | 3 | | 0743 | 0.3 | 9 |
| | 1512 | 1.0 | 30 | | 1359 | 1.2 | 37 |
| | 2145 | 0.3 | 9 | | 2051 | 0.4 | 12 |
| 12 Sa | 0314 | 0.8 | 24 | 27 Su | 0209 | 1.0 | 30 |
| | 0949 | 0.1 | 3 | | 0846 | 0.2 | 6 |
| | 1606 | 1.0 | 30 | | 1510 | 1.3 | 40 |
| | 2242 | 0.3 | 9 | | 2213 | 0.4 | 12 |
| 13 Su | 0410 | 0.8 | 24 | 28 M | 0317 | 1.0 | 30 |
| | 1036 | 0.1 | 3 | | 0952 | 0.2 | 6 |
| | 1656 | 1.0 | 30 | | 1617 | 1.4 | 43 |
| | 2337 | 0.3 | 9 | | 2326 | 0.4 | 12 |
| 14 M | 0500 | 0.8 | 24 | 29 Tu | 0425 | 1.0 | 30 |
| | 1118 | 0.1 | 3 | | 1057 | 0.2 | 6 |
| | 1741 | 1.1 | 34 | | 1718 | 1.4 | 43 |
| 15 Tu | 0029 | 0.3 | 9 | 30 W | 0029 | 0.3 | 9 |
| | 0544 | 0.8 | 24 | | 0528 | 1.1 | 34 |
| | 1156 | 0.1 | 3 | | 1159 | 0.1 | 3 |
| | 1820 | 1.1 | 34 | | 1813 | 1.5 | 46 |
| | | | | 31 Th | 0125 | 0.3 | 9 |
| | | | | | 0627 | 1.1 | 34 |
| | | | | | 1257 | 0.1 | 3 |
| | | | | | 1904 | 1.5 | 46 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 F ● | 0215 | 0.2 | 6 | 16 Sa ○ | 0200 | 0.3 | 9 |
| | 0722 | 1.2 | 37 | | 0714 | 1.0 | 30 |
| | 1353 | 0.1 | 3 | | 1324 | 0.2 | 6 |
| | 1951 | 1.5 | 46 | | 1928 | 1.3 | 40 |
| 2 Sa | 0302 | 0.2 | 6 | 17 Su | 0234 | 0.3 | 9 |
| | 0814 | 1.2 | 37 | | 0750 | 1.1 | 34 |
| | 1447 | 0.1 | 3 | | 1407 | 0.2 | 6 |
| | 2037 | 1.4 | 43 | | 2005 | 1.3 | 40 |
| 3 Su | 0346 | 0.2 | 6 | 18 M | 0305 | 0.3 | 9 |
| | 0904 | 1.2 | 37 | | 0827 | 1.2 | 37 |
| | 1540 | 0.2 | 6 | | 1451 | 0.2 | 6 |
| | 2121 | 1.3 | 40 | | 2044 | 1.3 | 40 |
| 4 M | 0429 | 0.2 | 6 | 19 Tu | 0336 | 0.3 | 9 |
| | 0953 | 1.2 | 37 | | 0907 | 1.3 | 40 |
| | 1632 | 0.2 | 6 | | 1537 | 0.3 | 9 |
| | 2206 | 1.3 | 40 | | 2126 | 1.3 | 40 |
| 5 Tu | 0511 | 0.2 | 6 | 20 W | 0408 | 0.3 | 9 |
| | 1042 | 1.2 | 37 | | 0950 | 1.3 | 40 |
| | 1722 | 0.3 | 9 | | 1625 | 0.3 | 9 |
| | 2252 | 1.2 | 37 | | 2210 | 1.3 | 40 |
| 6 W | 0554 | 0.2 | 6 | 21 Th | 0445 | 0.4 | 12 |
| | 1131 | 1.2 | 37 | | 1037 | 1.4 | 43 |
| | 1812 | 0.3 | 9 | | 1718 | 0.3 | 9 |
| | 2340 | 1.1 | 34 | | 2258 | 1.2 | 37 |
| 7 Th | 0639 | 0.3 | 9 | 22 F | 0531 | 0.4 | 12 |
| | 1224 | 1.1 | 34 | | 1130 | 1.4 | 43 |
| | 1903 | 0.4 | 12 | | 1818 | 0.4 | 12 |
| | | | | | 2350 | 1.2 | 37 |
| 8 F ◐ | 0032 | 1.0 | 30 | 23 Sa ◑ | 0627 | 0.4 | 12 |
| | 0727 | 0.3 | 9 | | 1231 | 1.4 | 43 |
| | 1322 | 1.1 | 34 | | 1932 | 0.5 | 15 |
| | 1958 | 0.4 | 12 | | | | |
| 9 Sa | 0132 | 0.9 | 27 | 24 Su | 0049 | 1.1 | 34 |
| | 0818 | 0.3 | 9 | | 0731 | 0.4 | 12 |
| | 1425 | 1.0 | 30 | | 1340 | 1.4 | 43 |
| | 2058 | 0.4 | 12 | | 2054 | 0.5 | 15 |
| 10 Su | 0236 | 0.9 | 27 | 25 M | 0157 | 1.1 | 34 |
| | 0908 | 0.3 | 9 | | 0842 | 0.4 | 12 |
| | 1526 | 1.0 | 30 | | 1454 | 1.4 | 43 |
| | 2201 | 0.4 | 12 | | 2210 | 0.5 | 15 |
| 11 M | 0337 | 0.9 | 27 | 26 Tu | 0311 | 1.1 | 34 |
| | 0956 | 0.3 | 9 | | 0952 | 0.3 | 9 |
| | 1621 | 1.1 | 34 | | 1603 | 1.4 | 43 |
| | 2301 | 0.4 | 12 | | 2315 | 0.5 | 15 |
| 12 Tu | 0431 | 0.9 | 27 | 27 W | 0422 | 1.2 | 37 |
| | 1040 | 0.3 | 9 | | 1058 | 0.3 | 9 |
| | 1707 | 1.1 | 34 | | 1704 | 1.5 | 46 |
| | 2355 | 0.4 | 12 | | | | |
| 13 W | 0519 | 0.9 | 27 | 28 Th | 0011 | 0.4 | 12 |
| | 1122 | 0.3 | 9 | | 0524 | 1.2 | 37 |
| | 1746 | 1.2 | 37 | | 1158 | 0.3 | 9 |
| | | | | | 1756 | 1.5 | 46 |
| 14 Th | 0041 | 0.3 | 9 | 29 F | 0101 | 0.4 | 12 |
| | 0601 | 0.9 | 27 | | 0618 | 1.3 | 40 |
| | 1202 | 0.2 | 6 | | 1255 | 0.3 | 9 |
| | 1821 | 1.3 | 40 | | 1845 | 1.5 | 46 |
| 15 F | 0123 | 0.3 | 9 | 30 Sa ● | 0146 | 0.3 | 9 |
| | 0639 | 1.0 | 30 | | 0708 | 1.3 | 40 |
| | 1242 | 0.2 | 6 | | 1348 | 0.2 | 6 |
| | 1854 | 1.3 | 40 | | 1930 | 1.4 | 43 |
| | | | | 31 Su | 0228 | 0.3 | 9 |
| | | | | | 0755 | 1.4 | 43 |
| | | | | | 1438 | 0.2 | 6 |
| | | | | | 2014 | 1.4 | 43 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0308 | 0.3 | 9 | 16 Tu | 0215 | 0.4 | 12 |
| | 0839 | 1.4 | 43 | | 0800 | 1.5 | 46 |
| | 1525 | 0.3 | 9 | | 1444 | 0.2 | 6 |
| | 2058 | 1.3 | 40 | | 2023 | 1.3 | 40 |
| 2 Tu | 0348 | 0.3 | 9 | 17 W | 0251 | 0.4 | 12 |
| | 0921 | 1.4 | 43 | | 0842 | 1.5 | 46 |
| | 1609 | 0.3 | 9 | | 1531 | 0.3 | 9 |
| | 2140 | 1.2 | 37 | | 2107 | 1.3 | 40 |
| 3 W | 0427 | 0.3 | 9 | 18 Th | 0331 | 0.4 | 12 |
| | 1003 | 1.3 | 40 | | 0927 | 1.5 | 46 |
| | 1651 | 0.3 | 9 | | 1622 | 0.3 | 9 |
| | 2223 | 1.2 | 37 | | 2153 | 1.3 | 40 |
| 4 Th | 0508 | 0.4 | 12 | 19 F | 0417 | 0.4 | 12 |
| | 1046 | 1.2 | 37 | | 1017 | 1.5 | 46 |
| | 1733 | 0.4 | 12 | | 1720 | 0.4 | 12 |
| | 2307 | 1.1 | 34 | | 2243 | 1.2 | 37 |
| 5 F | 0551 | 0.4 | 12 | 20 Sa | 0512 | 0.4 | 12 |
| | 1131 | 1.2 | 37 | | 1112 | 1.5 | 46 |
| | 1818 | 0.4 | 12 | | 1826 | 0.4 | 12 |
| | 2353 | 1.0 | 30 | | 2337 | 1.2 | 37 |
| 6 Sa | 0637 | 0.4 | 12 | 21 Su | 0615 | 0.4 | 12 |
| | 1223 | 1.1 | 34 | | 1214 | 1.4 | 43 |
| | 1911 | 0.5 | 15 | | 1939 | 0.5 | 15 |
| 7 Su ◐ | 0047 | 1.0 | 30 | 22 M ◑ | 0041 | 1.2 | 37 |
| | 0726 | 0.4 | 12 | | 0727 | 0.4 | 12 |
| | 1324 | 1.1 | 34 | | 1324 | 1.4 | 43 |
| | 2015 | 0.5 | 15 | | 2051 | 0.5 | 15 |
| 8 M | 0153 | 1.0 | 30 | 23 Tu | 0157 | 1.1 | 34 |
| | 0816 | 0.4 | 12 | | 0841 | 0.4 | 12 |
| | 1430 | 1.1 | 34 | | 1438 | 1.4 | 43 |
| | 2122 | 0.5 | 15 | | 2157 | 0.5 | 15 |
| 9 Tu | 0303 | 0.9 | 27 | 24 W | 0315 | 1.2 | 37 |
| | 0907 | 0.4 | 12 | | 0952 | 0.4 | 12 |
| | 1529 | 1.1 | 34 | | 1546 | 1.4 | 43 |
| | 2221 | 0.5 | 15 | | 2254 | 0.4 | 12 |
| 10 W | 0403 | 1.0 | 30 | 25 Th | 0421 | 1.2 | 37 |
| | 0958 | 0.4 | 12 | | 1057 | 0.4 | 12 |
| | 1618 | 1.2 | 37 | | 1645 | 1.4 | 43 |
| | 2312 | 0.4 | 12 | | 2345 | 0.4 | 12 |
| 11 Th | 0451 | 1.0 | 30 | 26 F | 0517 | 1.3 | 40 |
| | 1048 | 0.4 | 12 | | 1156 | 0.3 | 9 |
| | 1700 | 1.2 | 37 | | 1737 | 1.3 | 40 |
| | 2356 | 0.4 | 12 | | | | |
| 12 F | 0531 | 1.1 | 34 | 27 Sa | 0030 | 0.3 | 9 |
| | 1137 | 0.3 | 9 | | 0606 | 1.4 | 43 |
| | 1740 | 1.3 | 40 | | 1250 | 0.3 | 9 |
| | | | | | 1825 | 1.3 | 40 |
| 13 Sa | 0034 | 0.3 | 9 | 28 Su | 0112 | 0.3 | 9 |
| | 0607 | 1.2 | 37 | | 0650 | 1.4 | 43 |
| | 1224 | 0.3 | 9 | | 1340 | 0.3 | 9 |
| | 1819 | 1.3 | 40 | | 1910 | 1.3 | 40 |
| 14 Su | 0109 | 0.3 | 9 | 29 M ● | 0152 | 0.3 | 9 |
| | 0643 | 1.3 | 40 | | 0731 | 1.5 | 46 |
| | 1311 | 0.3 | 9 | | 1425 | 0.3 | 9 |
| | 1859 | 1.3 | 40 | | 1953 | 1.2 | 37 |
| 15 M ○ | 0142 | 0.3 | 9 | 30 Tu | 0230 | 0.3 | 9 |
| | 0720 | 1.4 | 43 | | 0811 | 1.4 | 43 |
| | 1358 | 0.2 | 6 | | 1506 | 0.3 | 9 |
| | 1941 | 1.3 | 40 | | 2035 | 1.2 | 37 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Oregon Inlet, North Carolina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0306 | 0.3 | 9 |
| | 0849 | 1.4 | 43 |
| | 1545 | 0.3 | 9 |
| | 2115 | 1.1 | 34 |
| **2** Th | 0343 | 0.4 | 12 |
| | 0927 | 1.3 | 40 |
| | 1622 | 0.3 | 9 |
| | 2154 | 1.1 | 34 |
| **3** F | 0419 | 0.4 | 12 |
| | 1006 | 1.2 | 37 |
| | 1701 | 0.3 | 9 |
| | 2233 | 1.0 | 30 |
| **4** Sa | 0456 | 0.4 | 12 |
| | 1047 | 1.2 | 37 |
| | 1745 | 0.4 | 12 |
| | 2315 | 1.0 | 30 |
| **5** Su | 0537 | 0.4 | 12 |
| | 1131 | 1.1 | 34 |
| | 1839 | 0.4 | 12 |
| **6** M | 0005 | 0.9 | 27 |
| | 0623 | 0.4 | 12 |
| | 1221 | 1.1 | 34 |
| | 1940 | 0.4 | 12 |
| **7** Tu ◐ | 0108 | 0.9 | 27 |
| | 0715 | 0.4 | 12 |
| | 1316 | 1.1 | 34 |
| | 2040 | 0.4 | 12 |
| **8** W | 0223 | 0.9 | 27 |
| | 0814 | 0.4 | 12 |
| | 1414 | 1.1 | 34 |
| | 2133 | 0.4 | 12 |
| **9** Th | 0325 | 1.0 | 30 |
| | 0915 | 0.4 | 12 |
| | 1512 | 1.1 | 34 |
| | 2219 | 0.4 | 12 |
| **10** F | 0412 | 1.0 | 30 |
| | 1015 | 0.4 | 12 |
| | 1606 | 1.1 | 34 |
| | 2259 | 0.3 | 9 |
| **11** Sa | 0452 | 1.2 | 37 |
| | 1112 | 0.3 | 9 |
| | 1657 | 1.2 | 37 |
| | 2337 | 0.3 | 9 |
| **12** Su | 0531 | 1.3 | 40 |
| | 1204 | 0.3 | 9 |
| | 1745 | 1.2 | 37 |
| **13** M | 0013 | 0.3 | 9 |
| | 0610 | 1.4 | 43 |
| | 1255 | 0.2 | 6 |
| | 1831 | 1.2 | 37 |
| **14** Tu ○ | 0051 | 0.3 | 9 |
| | 0652 | 1.5 | 46 |
| | 1344 | 0.2 | 6 |
| | 1917 | 1.2 | 37 |
| **15** W | 0132 | 0.3 | 9 |
| | 0735 | 1.5 | 46 |
| | 1434 | 0.2 | 6 |
| | 2003 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0217 | 0.3 | 9 |
| | 0821 | 1.6 | 49 |
| | 1526 | 0.2 | 6 |
| | 2049 | 1.2 | 37 |
| **17** F | 0305 | 0.3 | 9 |
| | 0910 | 1.6 | 49 |
| | 1622 | 0.2 | 6 |
| | 2138 | 1.2 | 37 |
| **18** Sa | 0359 | 0.3 | 9 |
| | 1002 | 1.5 | 46 |
| | 1723 | 0.3 | 9 |
| | 2230 | 1.1 | 34 |
| **19** Su | 0459 | 0.3 | 9 |
| | 1058 | 1.5 | 46 |
| | 1827 | 0.3 | 9 |
| | 2329 | 1.1 | 34 |
| **20** M | 0608 | 0.4 | 12 |
| | 1159 | 1.4 | 43 |
| | 1932 | 0.4 | 12 |
| **21** Tu ◑ | 0040 | 1.1 | 34 |
| | 0722 | 0.4 | 12 |
| | 1305 | 1.3 | 40 |
| | 2034 | 0.4 | 12 |
| **22** W | 0159 | 1.1 | 34 |
| | 0835 | 0.4 | 12 |
| | 1415 | 1.3 | 40 |
| | 2132 | 0.3 | 9 |
| **23** Th | 0311 | 1.2 | 37 |
| | 0946 | 0.4 | 12 |
| | 1522 | 1.2 | 37 |
| | 2224 | 0.3 | 9 |
| **24** F | 0411 | 1.2 | 37 |
| | 1050 | 0.3 | 9 |
| | 1623 | 1.1 | 34 |
| | 2312 | 0.3 | 9 |
| **25** Sa | 0502 | 1.3 | 40 |
| | 1148 | 0.3 | 9 |
| | 1716 | 1.1 | 34 |
| | 2356 | 0.2 | 6 |
| **26** Su | 0547 | 1.3 | 40 |
| | 1239 | 0.2 | 6 |
| | 1805 | 1.1 | 34 |
| **27** M | 0038 | 0.2 | 6 |
| | 0628 | 1.4 | 43 |
| | 1325 | 0.2 | 6 |
| | 1850 | 1.0 | 30 |
| **28** Tu ● | 0118 | 0.2 | 6 |
| | 0707 | 1.3 | 40 |
| | 1407 | 0.2 | 6 |
| | 1932 | 1.0 | 30 |
| **29** W | 0155 | 0.2 | 6 |
| | 0745 | 1.3 | 40 |
| | 1446 | 0.2 | 6 |
| | 2012 | 1.0 | 30 |
| **30** Th | 0230 | 0.2 | 6 |
| | 0822 | 1.3 | 40 |
| | 1524 | 0.2 | 6 |
| | 2049 | 1.0 | 30 |
| **31** F | 0302 | 0.3 | 9 |
| | 0858 | 1.2 | 37 |
| | 1602 | 0.2 | 6 |
| | 2126 | 0.9 | 27 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0332 | 0.3 | 9 |
| | 0934 | 1.2 | 37 |
| | 1642 | 0.2 | 6 |
| | 2203 | 0.9 | 27 |
| **2** Su | 0405 | 0.3 | 9 |
| | 1011 | 1.1 | 34 |
| | 1727 | 0.2 | 6 |
| | 2244 | 0.8 | 24 |
| **3** M | 0443 | 0.3 | 9 |
| | 1050 | 1.1 | 34 |
| | 1815 | 0.2 | 6 |
| | 2331 | 0.8 | 24 |
| **4** Tu | 0529 | 0.3 | 9 |
| | 1132 | 1.1 | 34 |
| | 1903 | 0.2 | 6 |
| **5** W ◐ | 0027 | 0.8 | 24 |
| | 0623 | 0.4 | 12 |
| | 1220 | 1.0 | 30 |
| | 1950 | 0.2 | 6 |
| **6** Th | 0130 | 0.8 | 24 |
| | 0727 | 0.4 | 12 |
| | 1313 | 1.0 | 30 |
| | 2033 | 0.2 | 6 |
| **7** F | 0229 | 0.9 | 27 |
| | 0835 | 0.3 | 9 |
| | 1413 | 1.0 | 30 |
| | 2114 | 0.2 | 6 |
| **8** Sa | 0321 | 1.0 | 30 |
| | 0942 | 0.3 | 9 |
| | 1515 | 1.0 | 30 |
| | 2155 | 0.2 | 6 |
| **9** Su | 0407 | 1.1 | 34 |
| | 1044 | 0.2 | 6 |
| | 1616 | 1.0 | 30 |
| | 2238 | 0.2 | 6 |
| **10** M | 0453 | 1.3 | 40 |
| | 1141 | 0.1 | 3 |
| | 1712 | 1.0 | 30 |
| | 2324 | 0.2 | 6 |
| **11** Tu | 0540 | 1.4 | 43 |
| | 1236 | 0.1 | 3 |
| | 1804 | 1.0 | 30 |
| **12** W | 0012 | 0.2 | 6 |
| | 0627 | 1.4 | 43 |
| | 1330 | 0.1 | 3 |
| | 1854 | 1.1 | 34 |
| **13** Th ○ | 0102 | 0.1 | 3 |
| | 0716 | 1.5 | 46 |
| | 1425 | 0.1 | 3 |
| | 1942 | 1.1 | 34 |
| **14** F | 0154 | 0.1 | 3 |
| | 0806 | 1.5 | 46 |
| | 1521 | 0.1 | 3 |
| | 2032 | 1.1 | 34 |
| **15** Sa | 0249 | 0.1 | 3 |
| | 0857 | 1.5 | 46 |
| | 1618 | 0.1 | 3 |
| | 2124 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0347 | 0.1 | 3 |
| | 0949 | 1.4 | 43 |
| | 1716 | 0.1 | 3 |
| | 2220 | 1.0 | 30 |
| **17** M | 0450 | 0.2 | 6 |
| | 1043 | 1.4 | 43 |
| | 1814 | 0.1 | 3 |
| | 2324 | 1.0 | 30 |
| **18** Tu | 0559 | 0.2 | 6 |
| | 1140 | 1.3 | 40 |
| | 1911 | 0.1 | 3 |
| **19** W ◑ | 0035 | 1.0 | 30 |
| | 0711 | 0.2 | 6 |
| | 1241 | 1.1 | 34 |
| | 2006 | 0.1 | 3 |
| **20** Th | 0147 | 1.0 | 30 |
| | 0823 | 0.3 | 9 |
| | 1347 | 1.0 | 30 |
| | 2058 | 0.1 | 3 |
| **21** F | 0253 | 1.1 | 34 |
| | 0932 | 0.2 | 6 |
| | 1456 | 0.9 | 27 |
| | 2149 | 0.1 | 3 |
| **22** Sa | 0349 | 1.1 | 34 |
| | 1035 | 0.2 | 6 |
| | 1559 | 0.9 | 27 |
| | 2237 | 0.1 | 3 |
| **23** Su | 0438 | 1.1 | 34 |
| | 1131 | 0.2 | 6 |
| | 1656 | 0.8 | 24 |
| | 2324 | 0.1 | 3 |
| **24** M | 0524 | 1.2 | 37 |
| | 1221 | 0.1 | 3 |
| | 1745 | 0.8 | 24 |
| **25** Tu | 0008 | 0.1 | 3 |
| | 0606 | 1.2 | 37 |
| | 1306 | 0.1 | 3 |
| | 1830 | 0.8 | 24 |
| **26** W | 0049 | 0.1 | 3 |
| | 0645 | 1.1 | 34 |
| | 1347 | 0.1 | 3 |
| | 1911 | 0.8 | 24 |
| **27** Th ● | 0126 | 0.1 | 3 |
| | 0723 | 1.1 | 34 |
| | 1427 | 0.1 | 3 |
| | 1949 | 0.8 | 24 |
| **28** F | 0159 | 0.1 | 3 |
| | 0759 | 1.1 | 34 |
| | 1507 | 0.0 | 0 |
| | 2026 | 0.8 | 24 |
| **29** Sa | 0228 | 0.1 | 3 |
| | 0833 | 1.1 | 34 |
| | 1547 | 0.0 | 0 |
| | 2102 | 0.7 | 21 |
| **30** Su | 0256 | 0.1 | 3 |
| | 0906 | 1.0 | 30 |
| | 1626 | 0.0 | 0 |
| | 2139 | 0.7 | 21 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0328 | 0.1 | 3 |
| | 0940 | 1.0 | 30 |
| | 1705 | 0.0 | 0 |
| | 2218 | 0.7 | 21 |
| **2** Tu | 0407 | 0.2 | 6 |
| | 1015 | 1.0 | 30 |
| | 1743 | 0.0 | 0 |
| | 2301 | 0.7 | 21 |
| **3** W | 0454 | 0.2 | 6 |
| | 1055 | 1.0 | 30 |
| | 1818 | 0.0 | 0 |
| | 2349 | 0.7 | 21 |
| **4** Th | 0549 | 0.2 | 6 |
| | 1140 | 0.9 | 27 |
| | 1852 | 0.1 | 3 |
| **5** F ◐ | 0040 | 0.8 | 24 |
| | 0651 | 0.2 | 6 |
| | 1231 | 0.9 | 27 |
| | 1929 | 0.1 | 3 |
| **6** Sa | 0134 | 0.9 | 27 |
| | 0759 | 0.2 | 6 |
| | 1330 | 0.8 | 24 |
| | 2011 | 0.1 | 3 |
| **7** Su | 0229 | 1.0 | 30 |
| | 0908 | 0.1 | 3 |
| | 1434 | 0.8 | 24 |
| | 2059 | 0.1 | 3 |
| **8** M | 0325 | 1.1 | 34 |
| | 1015 | 0.1 | 3 |
| | 1540 | 0.8 | 24 |
| | 2152 | 0.1 | 3 |
| **9** Tu | 0420 | 1.2 | 37 |
| | 1119 | 0.0 | 0 |
| | 1642 | 0.8 | 24 |
| | 2248 | 0.0 | 0 |
| **10** W | 0515 | 1.3 | 40 |
| | 1220 | 0.0 | 0 |
| | 1739 | 0.9 | 27 |
| | 2345 | 0.0 | 0 |
| **11** Th | 0608 | 1.3 | 40 |
| | 1319 | 0.0 | 0 |
| | 1832 | 0.9 | 27 |
| **12** F ○ | 0043 | 0.0 | 0 |
| | 0701 | 1.4 | 43 |
| | 1416 | 0.0 | 0 |
| | 1925 | 0.9 | 27 |
| **13** Sa | 0140 | −0.1 | −3 |
| | 0753 | 1.4 | 43 |
| | 1512 | −0.1 | −3 |
| | 2018 | 0.9 | 27 |
| **14** Su | 0239 | −0.1 | −3 |
| | 0843 | 1.4 | 43 |
| | 1606 | −0.1 | −3 |
| | 2113 | 0.9 | 27 |
| **15** M | 0339 | 0.0 | 0 |
| | 0934 | 1.3 | 40 |
| | 1658 | −0.1 | −3 |
| | 2211 | 0.9 | 27 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0442 | 0.0 | 0 |
| | 1024 | 1.2 | 37 |
| | 1749 | −0.1 | −3 |
| | 2311 | 0.9 | 27 |
| **17** W | 0548 | 0.1 | 3 |
| | 1117 | 1.1 | 34 |
| | 1839 | 0.0 | 0 |
| **18** Th | 0015 | 0.9 | 27 |
| | 0656 | 0.1 | 3 |
| | 1214 | 0.9 | 27 |
| | 1928 | 0.0 | 0 |
| **19** F ◑ | 0119 | 1.0 | 30 |
| | 0803 | 0.1 | 3 |
| | 1317 | 0.8 | 24 |
| | 2019 | 0.0 | 0 |
| **20** Sa | 0220 | 1.0 | 30 |
| | 0908 | 0.1 | 3 |
| | 1427 | 0.7 | 21 |
| | 2110 | 0.0 | 0 |
| **21** Su | 0317 | 1.0 | 30 |
| | 1009 | 0.1 | 3 |
| | 1534 | 0.7 | 21 |
| | 2202 | 0.0 | 0 |
| **22** M | 0410 | 1.0 | 30 |
| | 1105 | 0.1 | 3 |
| | 1633 | 0.7 | 21 |
| | 2253 | 0.0 | 0 |
| **23** Tu | 0458 | 1.0 | 30 |
| | 1156 | 0.0 | 0 |
| | 1723 | 0.7 | 21 |
| | 2340 | 0.0 | 0 |
| **24** W | 0543 | 1.0 | 30 |
| | 1243 | 0.0 | 0 |
| | 1809 | 0.7 | 21 |
| **25** Th | 0022 | 0.0 | 0 |
| | 0625 | 1.0 | 30 |
| | 1327 | 0.0 | 0 |
| | 1851 | 0.6 | 18 |
| **26** F | 0059 | 0.0 | 0 |
| | 0703 | 1.0 | 30 |
| | 1408 | 0.0 | 0 |
| | 1930 | 0.6 | 18 |
| **27** Sa ● | 0132 | 0.0 | 0 |
| | 0737 | 1.0 | 30 |
| | 1448 | −0.1 | −3 |
| | 2007 | 0.6 | 18 |
| **28** Su | 0202 | 0.0 | 0 |
| | 0809 | 1.0 | 30 |
| | 1526 | −0.1 | −3 |
| | 2042 | 0.6 | 18 |
| **29** M | 0232 | 0.0 | 0 |
| | 0839 | 1.0 | 30 |
| | 1601 | −0.1 | −3 |
| | 2117 | 0.6 | 18 |
| **30** Tu | 0307 | 0.0 | 0 |
| | 0911 | 1.0 | 30 |
| | 1633 | −0.1 | −3 |
| | 2153 | 0.7 | 21 |
| **31** W | 0348 | 0.0 | 0 |
| | 0946 | 0.9 | 27 |
| | 1701 | −0.1 | −3 |
| | 2231 | 0.7 | 21 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Cape Hatteras, North Carolina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0148 | 2.8 | 85 |
| | 0810 | 0.6 | 18 |
| | 1352 | 2.1 | 64 |
| | 1957 | 0.3 | 9 |
| **2** W | 0242 | 2.8 | 85 |
| | 0913 | 0.6 | 18 |
| | 1448 | 2.0 | 61 |
| | 2045 | 0.3 | 9 |
| **3** Th | 0333 | 2.9 | 88 |
| | 1009 | 0.5 | 15 |
| | 1542 | 2.0 | 61 |
| | 2133 | 0.2 | 6 |
| **4** F | 0421 | 3.0 | 91 |
| | 1057 | 0.4 | 12 |
| | 1631 | 2.0 | 61 |
| | 2219 | 0.1 | 3 |
| **5** Sa | 0505 | 3.2 | 98 |
| | 1141 | 0.3 | 9 |
| | 1716 | 2.1 | 64 |
| | 2303 | 0.0 | 0 |
| **6** Su | 0546 | 3.3 | 101 |
| | 1221 | 0.2 | 6 |
| | 1758 | 2.2 | 67 |
| | 2346 | −0.1 | −3 |
| **7** M | 0626 | 3.4 | 104 |
| | 1259 | 0.1 | 3 |
| | 1838 | 2.3 | 70 |
| **8** Tu ● | 0027 | −0.1 | −3 |
| | 0704 | 3.4 | 104 |
| | 1336 | 0.0 | 0 |
| | 1917 | 2.3 | 70 |
| **9** W | 0108 | −0.2 | −6 |
| | 0742 | 3.5 | 107 |
| | 1411 | −0.1 | −3 |
| | 1957 | 2.4 | 73 |
| **10** Th | 0149 | −0.2 | −6 |
| | 0819 | 3.4 | 104 |
| | 1447 | −0.2 | −6 |
| | 2037 | 2.5 | 76 |
| **11** F | 0232 | −0.2 | −6 |
| | 0858 | 3.4 | 104 |
| | 1522 | −0.2 | −6 |
| | 2120 | 2.6 | 79 |
| **12** Sa | 0318 | −0.2 | −6 |
| | 0938 | 3.2 | 98 |
| | 1600 | −0.2 | −6 |
| | 2206 | 2.8 | 85 |
| **13** Su | 0408 | −0.1 | −3 |
| | 1021 | 3.0 | 91 |
| | 1640 | −0.2 | −6 |
| | 2256 | 2.9 | 88 |
| **14** M | 0504 | 0.0 | 0 |
| | 1108 | 2.8 | 85 |
| | 1725 | −0.3 | −9 |
| | 2352 | 3.0 | 91 |
| **15** Tu ◐ | 0607 | 0.1 | 3 |
| | 1202 | 2.5 | 76 |
| | 1815 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0052 | 3.2 | 98 |
| | 0717 | 0.2 | 6 |
| | 1303 | 2.3 | 70 |
| | 1911 | −0.3 | −9 |
| **17** Th | 0157 | 3.3 | 101 |
| | 0831 | 0.1 | 3 |
| | 1410 | 2.2 | 67 |
| | 2013 | −0.3 | −9 |
| **18** F | 0303 | 3.5 | 107 |
| | 0941 | 0.0 | 0 |
| | 1519 | 2.2 | 67 |
| | 2117 | −0.4 | −12 |
| **19** Sa | 0407 | 3.6 | 110 |
| | 1045 | −0.1 | −3 |
| | 1625 | 2.3 | 70 |
| | 2221 | −0.5 | −15 |
| **20** Su | 0507 | 3.8 | 116 |
| | 1142 | −0.3 | −9 |
| | 1725 | 2.4 | 73 |
| | 2321 | −0.6 | −18 |
| **21** M | 0602 | 3.8 | 116 |
| | 1233 | −0.4 | −12 |
| | 1820 | 2.6 | 79 |
| **22** Tu ○ | 0017 | −0.7 | −21 |
| | 0653 | 3.8 | 116 |
| | 1321 | −0.5 | −15 |
| | 1912 | 2.7 | 82 |
| **23** W | 0110 | −0.7 | −21 |
| | 0741 | 3.7 | 113 |
| | 1406 | −0.5 | −15 |
| | 2001 | 2.8 | 85 |
| **24** Th | 0201 | −0.6 | −18 |
| | 0826 | 3.6 | 110 |
| | 1448 | −0.5 | −15 |
| | 2048 | 2.9 | 88 |
| **25** F | 0250 | −0.4 | −12 |
| | 0909 | 3.3 | 101 |
| | 1529 | −0.4 | −12 |
| | 2135 | 2.9 | 88 |
| **26** Sa | 0339 | −0.2 | −6 |
| | 0951 | 3.0 | 91 |
| | 1607 | −0.3 | −9 |
| | 2221 | 2.8 | 85 |
| **27** Su | 0428 | 0.0 | 0 |
| | 1033 | 2.7 | 82 |
| | 1646 | −0.1 | −3 |
| | 2308 | 2.8 | 85 |
| **28** M | 0520 | 0.2 | 6 |
| | 1115 | 2.4 | 73 |
| | 1725 | 0.0 | 0 |
| | 2357 | 2.7 | 82 |
| **29** Tu | 0617 | 0.4 | 12 |
| | 1201 | 2.1 | 64 |
| | 1807 | 0.2 | 6 |
| **30** W ◑ | 0050 | 2.7 | 82 |
| | 0720 | 0.5 | 15 |
| | 1254 | 1.9 | 58 |
| | 1855 | 0.3 | 9 |
| **31** Th | 0148 | 2.6 | 79 |
| | 0827 | 0.6 | 18 |
| | 1354 | 1.8 | 55 |
| | 1949 | 0.3 | 9 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0247 | 2.7 | 82 |
| | 0930 | 0.5 | 15 |
| | 1457 | 1.8 | 55 |
| | 2048 | 0.3 | 9 |
| **2** Sa | 0343 | 2.8 | 85 |
| | 1024 | 0.4 | 12 |
| | 1555 | 1.8 | 55 |
| | 2144 | 0.2 | 6 |
| **3** Su | 0434 | 2.9 | 88 |
| | 1111 | 0.3 | 9 |
| | 1646 | 2.0 | 61 |
| | 2236 | 0.0 | 0 |
| **4** M | 0519 | 3.1 | 94 |
| | 1151 | 0.1 | 3 |
| | 1731 | 2.1 | 64 |
| | 2323 | −0.1 | −3 |
| **5** Tu | 0600 | 3.2 | 98 |
| | 1229 | 0.0 | 0 |
| | 1813 | 2.3 | 70 |
| **6** W ● | 0007 | −0.3 | −9 |
| | 0640 | 3.4 | 104 |
| | 1304 | −0.2 | −6 |
| | 1853 | 2.5 | 76 |
| **7** Th | 0051 | −0.4 | −12 |
| | 0718 | 3.4 | 104 |
| | 1339 | −0.3 | −9 |
| | 1934 | 2.7 | 82 |
| **8** F | 0134 | −0.5 | −15 |
| | 0756 | 3.4 | 104 |
| | 1414 | −0.4 | −12 |
| | 2015 | 2.9 | 88 |
| **9** Sa | 0219 | −0.5 | −15 |
| | 0835 | 3.3 | 101 |
| | 1450 | −0.5 | −15 |
| | 2058 | 3.1 | 94 |
| **10** Su | 0307 | −0.4 | −12 |
| | 0916 | 3.1 | 94 |
| | 1527 | −0.5 | −15 |
| | 2144 | 3.2 | 98 |
| **11** M | 0357 | −0.3 | −9 |
| | 0959 | 2.9 | 88 |
| | 1609 | −0.5 | −15 |
| | 2234 | 3.3 | 101 |
| **12** Tu | 0453 | −0.2 | −6 |
| | 1047 | 2.6 | 79 |
| | 1655 | −0.4 | −12 |
| | 2329 | 3.3 | 101 |
| **13** W ◐ | 0555 | 0.0 | 0 |
| | 1142 | 2.4 | 73 |
| | 1747 | −0.3 | −9 |
| **14** Th | 0032 | 3.3 | 101 |
| | 0705 | 0.1 | 3 |
| | 1246 | 2.2 | 67 |
| | 1849 | −0.2 | −6 |
| **15** F | 0140 | 3.3 | 101 |
| | 0820 | 0.2 | 6 |
| | 1358 | 2.1 | 64 |
| | 1958 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0252 | 3.3 | 101 |
| | 0932 | 0.1 | 3 |
| | 1513 | 2.1 | 64 |
| | 2110 | −0.2 | −6 |
| **17** Su | 0359 | 3.4 | 104 |
| | 1035 | 0.0 | 0 |
| | 1620 | 2.3 | 70 |
| | 2218 | −0.3 | −9 |
| **18** M | 0458 | 3.5 | 107 |
| | 1128 | −0.2 | −6 |
| | 1719 | 2.5 | 76 |
| | 2318 | −0.4 | −12 |
| **19** Tu | 0551 | 3.5 | 107 |
| | 1216 | −0.3 | −9 |
| | 1810 | 2.7 | 82 |
| **20** W ○ | 0012 | −0.5 | −15 |
| | 0638 | 3.5 | 107 |
| | 1258 | −0.4 | −12 |
| | 1857 | 2.9 | 88 |
| **21** Th | 0101 | −0.5 | −15 |
| | 0721 | 3.4 | 104 |
| | 1338 | −0.4 | −12 |
| | 1941 | 3.0 | 91 |
| **22** F | 0147 | −0.5 | −15 |
| | 0802 | 3.3 | 101 |
| | 1414 | −0.4 | −12 |
| | 2023 | 3.1 | 94 |
| **23** Sa | 0232 | −0.4 | −12 |
| | 0840 | 3.0 | 91 |
| | 1449 | −0.3 | −9 |
| | 2102 | 3.1 | 94 |
| **24** Su | 0315 | −0.2 | −6 |
| | 0917 | 2.8 | 85 |
| | 1522 | −0.2 | −6 |
| | 2142 | 3.1 | 94 |
| **25** M | 0358 | 0.0 | 0 |
| | 0954 | 2.5 | 76 |
| | 1556 | −0.1 | −3 |
| | 2222 | 3.0 | 91 |
| **26** Tu | 0443 | 0.2 | 6 |
| | 1032 | 2.3 | 70 |
| | 1631 | 0.1 | 3 |
| | 2305 | 2.9 | 88 |
| **27** W | 0533 | 0.4 | 12 |
| | 1114 | 2.0 | 61 |
| | 1711 | 0.3 | 9 |
| | 2354 | 2.7 | 82 |
| **28** Th ◑ | 0629 | 0.6 | 18 |
| | 1203 | 1.9 | 58 |
| | 1759 | 0.4 | 12 |
| **29** F | 0051 | 2.7 | 82 |
| | 0734 | 0.6 | 18 |
| | 1302 | 1.8 | 55 |
| | 1857 | 0.4 | 12 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0155 | 2.6 | 79 |
| | 0842 | 0.6 | 18 |
| | 1410 | 1.8 | 55 |
| | 2002 | 0.4 | 12 |
| **2** Su | 0259 | 2.7 | 82 |
| | 0941 | 0.5 | 15 |
| | 1515 | 1.9 | 58 |
| | 2107 | 0.3 | 9 |
| **3** M | 0355 | 2.9 | 88 |
| | 1029 | 0.4 | 12 |
| | 1611 | 2.1 | 64 |
| | 2205 | 0.1 | 3 |
| **4** Tu | 0443 | 3.0 | 91 |
| | 1111 | 0.2 | 6 |
| | 1659 | 2.4 | 73 |
| | 2257 | −0.1 | −3 |
| **5** W | 0527 | 3.2 | 98 |
| | 1148 | 0.0 | 0 |
| | 1743 | 2.7 | 82 |
| | 2345 | −0.3 | −9 |
| **6** Th | 0608 | 3.3 | 101 |
| | 1224 | −0.2 | −6 |
| | 1826 | 3.0 | 91 |
| **7** F ● | 0032 | −0.4 | −12 |
| | 0649 | 3.4 | 104 |
| | 1301 | −0.4 | −12 |
| | 1908 | 3.3 | 101 |
| **8** Sa | 0119 | −0.5 | −15 |
| | 0729 | 3.3 | 101 |
| | 1338 | −0.5 | −15 |
| | 1951 | 3.5 | 107 |
| **9** Su | 0206 | −0.6 | −18 |
| | 0811 | 3.2 | 98 |
| | 1416 | −0.6 | −18 |
| | 2036 | 3.7 | 113 |
| **10** M | 0256 | −0.5 | −15 |
| | 0855 | 3.0 | 91 |
| | 1458 | −0.6 | −18 |
| | 2124 | 3.8 | 116 |
| **11** Tu | 0347 | −0.4 | −12 |
| | 0942 | 2.8 | 85 |
| | 1542 | −0.5 | −15 |
| | 2215 | 3.7 | 113 |
| **12** W | 0444 | −0.2 | −6 |
| | 1033 | 2.6 | 79 |
| | 1632 | −0.4 | −12 |
| | 2312 | 3.6 | 110 |
| **13** Th | 0546 | 0.0 | 0 |
| | 1131 | 2.4 | 73 |
| | 1730 | −0.2 | −6 |
| **14** F ◐ | 0016 | 3.4 | 104 |
| | 0656 | 0.2 | 6 |
| | 1239 | 2.2 | 67 |
| | 1837 | 0.0 | 0 |
| **15** Sa | 0128 | 3.3 | 101 |
| | 0809 | 0.2 | 6 |
| | 1356 | 2.2 | 67 |
| | 1953 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0240 | 3.2 | 98 |
| | 0918 | 0.2 | 6 |
| | 1510 | 2.3 | 70 |
| | 2109 | 0.0 | 0 |
| **17** M | 0346 | 3.2 | 98 |
| | 1017 | 0.1 | 3 |
| | 1614 | 2.6 | 79 |
| | 2215 | −0.1 | −3 |
| **18** Tu | 0443 | 3.3 | 101 |
| | 1107 | 0.0 | 0 |
| | 1708 | 2.8 | 85 |
| | 2313 | −0.2 | −6 |
| **19** W | 0533 | 3.3 | 101 |
| | 1150 | −0.2 | −6 |
| | 1756 | 3.0 | 91 |
| **20** Th | 0004 | −0.2 | −6 |
| | 0617 | 3.2 | 98 |
| | 1228 | −0.2 | −6 |
| | 1838 | 3.2 | 98 |
| **21** F ○ | 0049 | −0.3 | −9 |
| | 0657 | 3.1 | 94 |
| | 1304 | −0.2 | −6 |
| | 1917 | 3.3 | 101 |
| **22** Sa | 0132 | −0.2 | −6 |
| | 0735 | 3.0 | 91 |
| | 1337 | −0.2 | −6 |
| | 1954 | 3.4 | 104 |
| **23** Su | 0213 | −0.2 | −6 |
| | 0811 | 2.8 | 85 |
| | 1409 | −0.1 | −3 |
| | 2030 | 3.4 | 104 |
| **24** M | 0252 | 0.0 | 0 |
| | 0846 | 2.6 | 79 |
| | 1440 | 0.0 | 0 |
| | 2106 | 3.3 | 101 |
| **25** Tu | 0332 | 0.1 | 3 |
| | 0921 | 2.4 | 73 |
| | 1513 | 0.1 | 3 |
| | 2143 | 3.2 | 98 |
| **26** W | 0413 | 0.3 | 9 |
| | 0958 | 2.3 | 70 |
| | 1548 | 0.3 | 9 |
| | 2224 | 3.1 | 94 |
| **27** Th | 0458 | 0.4 | 12 |
| | 1038 | 2.1 | 64 |
| | 1628 | 0.4 | 12 |
| | 2309 | 2.9 | 88 |
| **28** F | 0548 | 0.6 | 18 |
| | 1125 | 2.0 | 61 |
| | 1716 | 0.5 | 15 |
| **29** Sa ◑ | 0003 | 2.8 | 85 |
| | 0646 | 0.7 | 21 |
| | 1222 | 1.9 | 58 |
| | 1813 | 0.6 | 18 |
| **30** Su | 0103 | 2.8 | 85 |
| | 0749 | 0.7 | 21 |
| | 1328 | 2.0 | 61 |
| | 1920 | 0.6 | 18 |
| **31** M | 0207 | 2.8 | 85 |
| | 0847 | 0.6 | 18 |
| | 1434 | 2.1 | 64 |
| | 2029 | 0.5 | 15 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Cape Hatteras, North Carolina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0306 | 2.9 | 88 |
| | 0936 | 0.4 | 12 |
| | 1532 | 2.4 | 73 |
| | 2132 | 0.3 | 9 |
| **2** W | 0358 | 3.0 | 91 |
| | 1020 | 0.2 | 6 |
| | 1623 | 2.8 | 85 |
| | 2229 | 0.1 | 3 |
| **3** Th | 0446 | 3.1 | 94 |
| | 1100 | 0.0 | 0 |
| | 1710 | 3.1 | 94 |
| | 2322 | −0.2 | −6 |
| **4** F | 0532 | 3.2 | 98 |
| | 1140 | −0.3 | −9 |
| | 1756 | 3.5 | 107 |
| **5** Sa ● | 0013 | −0.4 | −12 |
| | 0617 | 3.2 | 98 |
| | 1221 | −0.5 | −15 |
| | 1842 | 3.9 | 119 |
| **6** Su | 0103 | −0.5 | −15 |
| | 0702 | 3.2 | 98 |
| | 1303 | −0.6 | −18 |
| | 1928 | 4.1 | 125 |
| **7** M | 0153 | −0.5 | −15 |
| | 0748 | 3.1 | 94 |
| | 1346 | −0.6 | −18 |
| | 2016 | 4.2 | 128 |
| **8** Tu | 0244 | −0.5 | −15 |
| | 0836 | 3.0 | 91 |
| | 1433 | −0.6 | −18 |
| | 2106 | 4.2 | 128 |
| **9** W | 0338 | −0.4 | −12 |
| | 0927 | 2.8 | 85 |
| | 1523 | −0.4 | −12 |
| | 2200 | 4.0 | 122 |
| **10** Th | 0435 | −0.2 | −6 |
| | 1023 | 2.6 | 79 |
| | 1618 | −0.2 | −6 |
| | 2259 | 3.8 | 116 |
| **11** F | 0537 | 0.0 | 0 |
| | 1125 | 2.5 | 76 |
| | 1720 | 0.0 | 0 |
| **12** Sa ◐ | 0003 | 3.5 | 107 |
| | 0644 | 0.2 | 6 |
| | 1236 | 2.4 | 73 |
| | 1832 | 0.2 | 6 |
| **13** Su | 0113 | 3.3 | 101 |
| | 0751 | 0.2 | 6 |
| | 1351 | 2.5 | 76 |
| | 1949 | 0.3 | 9 |
| **14** M | 0221 | 3.2 | 98 |
| | 0854 | 0.2 | 6 |
| | 1500 | 2.6 | 79 |
| | 2102 | 0.3 | 9 |
| **15** Tu | 0324 | 3.1 | 94 |
| | 0948 | 0.1 | 3 |
| | 1600 | 2.9 | 88 |
| | 2207 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0419 | 3.0 | 91 |
| | 1035 | 0.1 | 3 |
| | 1651 | 3.1 | 94 |
| | 2302 | 0.1 | 3 |
| **17** Th | 0507 | 3.0 | 91 |
| | 1116 | 0.0 | 0 |
| | 1735 | 3.3 | 101 |
| | 2351 | 0.1 | 3 |
| **18** F | 0550 | 2.9 | 88 |
| | 1152 | 0.0 | 0 |
| | 1815 | 3.4 | 104 |
| **19** Sa | 0035 | 0.0 | 0 |
| | 0630 | 2.8 | 85 |
| | 1226 | 0.0 | 0 |
| | 1851 | 3.5 | 107 |
| **20** Su ○ | 0115 | 0.0 | 0 |
| | 0707 | 2.7 | 82 |
| | 1259 | 0.0 | 0 |
| | 1926 | 3.6 | 110 |
| **21** M | 0154 | 0.0 | 0 |
| | 0743 | 2.6 | 79 |
| | 1331 | 0.1 | 3 |
| | 2001 | 3.6 | 110 |
| **22** Tu | 0232 | 0.1 | 3 |
| | 0818 | 2.5 | 76 |
| | 1404 | 0.1 | 3 |
| | 2037 | 3.5 | 107 |
| **23** W | 0310 | 0.2 | 6 |
| | 0854 | 2.4 | 73 |
| | 1439 | 0.3 | 9 |
| | 2114 | 3.4 | 104 |
| **24** Th | 0350 | 0.3 | 9 |
| | 0932 | 2.3 | 70 |
| | 1516 | 0.4 | 12 |
| | 2153 | 3.3 | 101 |
| **25** F | 0432 | 0.5 | 15 |
| | 1012 | 2.2 | 67 |
| | 1557 | 0.5 | 15 |
| | 2237 | 3.1 | 94 |
| **26** Sa | 0518 | 0.6 | 18 |
| | 1059 | 2.1 | 64 |
| | 1644 | 0.6 | 18 |
| | 2325 | 3.0 | 91 |
| **27** Su | 0608 | 0.6 | 18 |
| | 1153 | 2.1 | 64 |
| | 1740 | 0.6 | 18 |
| **28** M ◑ | 0019 | 2.9 | 88 |
| | 0700 | 0.6 | 18 |
| | 1253 | 2.2 | 67 |
| | 1844 | 0.6 | 18 |
| **29** Tu | 0116 | 2.9 | 88 |
| | 0751 | 0.5 | 15 |
| | 1355 | 2.4 | 73 |
| | 1952 | 0.5 | 15 |
| **30** W | 0214 | 2.9 | 88 |
| | 0840 | 0.3 | 9 |
| | 1453 | 2.8 | 85 |
| | 2059 | 0.4 | 12 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0310 | 2.9 | 88 |
| | 0927 | 0.1 | 3 |
| | 1547 | 3.1 | 94 |
| | 2201 | 0.2 | 6 |
| **2** F | 0403 | 3.0 | 91 |
| | 1012 | −0.1 | −3 |
| | 1638 | 3.6 | 110 |
| | 2259 | −0.1 | −3 |
| **3** Sa | 0455 | 3.0 | 91 |
| | 1058 | −0.3 | −9 |
| | 1728 | 3.9 | 119 |
| | 2353 | −0.3 | −9 |
| **4** Su | 0546 | 3.0 | 91 |
| | 1144 | −0.5 | −15 |
| | 1817 | 4.2 | 128 |
| **5** M ● | 0047 | −0.4 | −12 |
| | 0637 | 3.0 | 91 |
| | 1232 | −0.6 | −18 |
| | 1907 | 4.4 | 134 |
| **6** Tu | 0140 | −0.5 | −15 |
| | 0728 | 3.0 | 91 |
| | 1322 | −0.6 | −18 |
| | 1959 | 4.5 | 137 |
| **7** W | 0233 | −0.4 | −12 |
| | 0820 | 2.9 | 88 |
| | 1413 | −0.6 | −18 |
| | 2052 | 4.4 | 134 |
| **8** Th | 0328 | −0.3 | −9 |
| | 0915 | 2.8 | 85 |
| | 1508 | −0.4 | −12 |
| | 2147 | 4.1 | 125 |
| **9** F | 0424 | −0.2 | −6 |
| | 1014 | 2.7 | 82 |
| | 1607 | −0.2 | −6 |
| | 2246 | 3.9 | 119 |
| **10** Sa | 0523 | −0.1 | −3 |
| | 1118 | 2.7 | 82 |
| | 1712 | 0.0 | 0 |
| | 2347 | 3.6 | 110 |
| **11** Su ◐ | 0624 | 0.1 | 3 |
| | 1226 | 2.7 | 82 |
| | 1822 | 0.3 | 9 |
| **12** M | 0050 | 3.3 | 101 |
| | 0724 | 0.1 | 3 |
| | 1335 | 2.7 | 82 |
| | 1936 | 0.4 | 12 |
| **13** Tu | 0153 | 3.0 | 91 |
| | 0819 | 0.1 | 3 |
| | 1439 | 2.9 | 88 |
| | 2046 | 0.4 | 12 |
| **14** W | 0252 | 2.9 | 88 |
| | 0910 | 0.1 | 3 |
| | 1536 | 3.1 | 94 |
| | 2150 | 0.4 | 12 |
| **15** Th | 0346 | 2.7 | 82 |
| | 0955 | 0.1 | 3 |
| | 1625 | 3.2 | 98 |
| | 2245 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0435 | 2.6 | 79 |
| | 1036 | 0.1 | 3 |
| | 1708 | 3.4 | 104 |
| | 2333 | 0.3 | 9 |
| **17** Sa | 0519 | 2.5 | 76 |
| | 1113 | 0.1 | 3 |
| | 1748 | 3.5 | 107 |
| **18** Su | 0017 | 0.2 | 6 |
| | 0600 | 2.5 | 76 |
| | 1149 | 0.1 | 3 |
| | 1825 | 3.6 | 110 |
| **19** M ○ | 0057 | 0.2 | 6 |
| | 0639 | 2.4 | 73 |
| | 1224 | 0.1 | 3 |
| | 1901 | 3.6 | 110 |
| **20** Tu | 0136 | 0.2 | 6 |
| | 0717 | 2.4 | 73 |
| | 1300 | 0.2 | 6 |
| | 1937 | 3.6 | 110 |
| **21** W | 0214 | 0.2 | 6 |
| | 0754 | 2.3 | 70 |
| | 1336 | 0.2 | 6 |
| | 2014 | 3.5 | 107 |
| **22** Th | 0252 | 0.2 | 6 |
| | 0832 | 2.3 | 70 |
| | 1413 | 0.3 | 9 |
| | 2051 | 3.5 | 107 |
| **23** F | 0330 | 0.3 | 9 |
| | 0910 | 2.3 | 70 |
| | 1452 | 0.3 | 9 |
| | 2130 | 3.4 | 104 |
| **24** Sa | 0410 | 0.4 | 12 |
| | 0952 | 2.2 | 67 |
| | 1534 | 0.4 | 12 |
| | 2211 | 3.3 | 101 |
| **25** Su | 0450 | 0.4 | 12 |
| | 1037 | 2.2 | 67 |
| | 1621 | 0.5 | 15 |
| | 2254 | 3.2 | 98 |
| **26** M | 0532 | 0.4 | 12 |
| | 1127 | 2.3 | 70 |
| | 1714 | 0.5 | 15 |
| | 2341 | 3.1 | 94 |
| **27** Tu ◑ | 0616 | 0.3 | 9 |
| | 1221 | 2.5 | 76 |
| | 1815 | 0.6 | 18 |
| **28** W | 0033 | 2.9 | 88 |
| | 0702 | 0.2 | 6 |
| | 1319 | 2.7 | 82 |
| | 1921 | 0.5 | 15 |
| **29** Th | 0128 | 2.9 | 88 |
| | 0749 | 0.1 | 3 |
| | 1417 | 3.1 | 94 |
| | 2030 | 0.4 | 12 |
| **30** F | 0226 | 2.8 | 85 |
| | 0839 | −0.1 | −3 |
| | 1513 | 3.4 | 104 |
| | 2135 | 0.2 | 6 |
| **31** Sa | 0324 | 2.7 | 82 |
| | 0930 | −0.2 | −6 |
| | 1609 | 3.8 | 116 |
| | 2237 | 0.0 | 0 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0422 | 2.7 | 82 |
| | 1022 | −0.4 | −12 |
| | 1703 | 4.1 | 125 |
| | 2336 | −0.2 | −6 |
| **2** M | 0519 | 2.8 | 85 |
| | 1115 | −0.6 | −18 |
| | 1757 | 4.3 | 131 |
| **3** Tu ● | 0032 | −0.3 | −9 |
| | 0615 | 2.8 | 85 |
| | 1209 | −0.6 | −18 |
| | 1851 | 4.5 | 137 |
| **4** W | 0127 | −0.4 | −12 |
| | 0710 | 2.8 | 85 |
| | 1304 | −0.6 | −18 |
| | 1945 | 4.5 | 137 |
| **5** Th | 0220 | −0.4 | −12 |
| | 0806 | 2.8 | 85 |
| | 1359 | −0.6 | −18 |
| | 2039 | 4.3 | 131 |
| **6** F | 0314 | −0.3 | −9 |
| | 0903 | 2.8 | 85 |
| | 1456 | −0.4 | −12 |
| | 2133 | 4.1 | 125 |
| **7** Sa | 0407 | −0.3 | −9 |
| | 1001 | 2.8 | 85 |
| | 1556 | −0.2 | −6 |
| | 2228 | 3.8 | 116 |
| **8** Su | 0501 | −0.2 | −6 |
| | 1102 | 2.8 | 85 |
| | 1658 | 0.0 | 0 |
| | 2323 | 3.5 | 107 |
| **9** M | 0554 | −0.1 | −3 |
| | 1205 | 2.8 | 85 |
| | 1804 | 0.3 | 9 |
| **10** Tu ◐ | 0019 | 3.1 | 94 |
| | 0646 | 0.0 | 0 |
| | 1307 | 2.9 | 88 |
| | 1912 | 0.5 | 15 |
| **11** W | 0115 | 2.8 | 85 |
| | 0737 | 0.1 | 3 |
| | 1407 | 3.0 | 91 |
| | 2020 | 0.5 | 15 |
| **12** Th | 0211 | 2.6 | 79 |
| | 0825 | 0.1 | 3 |
| | 1503 | 3.1 | 94 |
| | 2124 | 0.6 | 18 |
| **13** F | 0306 | 2.4 | 73 |
| | 0910 | 0.2 | 6 |
| | 1553 | 3.2 | 98 |
| | 2221 | 0.5 | 15 |
| **14** Sa | 0358 | 2.3 | 70 |
| | 0953 | 0.2 | 6 |
| | 1638 | 3.3 | 101 |
| | 2311 | 0.5 | 15 |
| **15** Su | 0446 | 2.2 | 67 |
| | 1035 | 0.2 | 6 |
| | 1720 | 3.4 | 104 |
| | 2356 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0530 | 2.2 | 67 |
| | 1116 | 0.2 | 6 |
| | 1800 | 3.5 | 107 |
| **17** Tu | 0037 | 0.3 | 9 |
| | 0612 | 2.2 | 67 |
| | 1156 | 0.2 | 6 |
| | 1839 | 3.5 | 107 |
| **18** W ○ | 0116 | 0.3 | 9 |
| | 0652 | 2.3 | 70 |
| | 1235 | 0.1 | 3 |
| | 1917 | 3.5 | 107 |
| **19** Th | 0154 | 0.2 | 6 |
| | 0731 | 2.3 | 70 |
| | 1314 | 0.1 | 3 |
| | 1954 | 3.5 | 107 |
| **20** F | 0231 | 0.2 | 6 |
| | 0810 | 2.3 | 70 |
| | 1353 | 0.2 | 6 |
| | 2031 | 3.5 | 107 |
| **21** Sa | 0307 | 0.2 | 6 |
| | 0849 | 2.3 | 70 |
| | 1433 | 0.2 | 6 |
| | 2108 | 3.4 | 104 |
| **22** Su | 0343 | 0.2 | 6 |
| | 0930 | 2.4 | 73 |
| | 1516 | 0.3 | 9 |
| | 2145 | 3.3 | 101 |
| **23** M | 0419 | 0.2 | 6 |
| | 1013 | 2.5 | 76 |
| | 1602 | 0.3 | 9 |
| | 2225 | 3.2 | 98 |
| **24** Tu | 0456 | 0.1 | 3 |
| | 1100 | 2.6 | 79 |
| | 1654 | 0.4 | 12 |
| | 2309 | 3.1 | 94 |
| **25** W | 0535 | 0.1 | 3 |
| | 1152 | 2.8 | 85 |
| | 1752 | 0.4 | 12 |
| | 2357 | 2.9 | 88 |
| **26** Th ◑ | 0619 | 0.0 | 0 |
| | 1247 | 3.0 | 91 |
| | 1857 | 0.5 | 15 |
| **27** F | 0051 | 2.7 | 82 |
| | 0708 | −0.1 | −3 |
| | 1346 | 3.3 | 101 |
| | 2006 | 0.4 | 12 |
| **28** Sa | 0151 | 2.6 | 79 |
| | 0801 | −0.2 | −6 |
| | 1446 | 3.6 | 110 |
| | 2115 | 0.3 | 9 |
| **29** Su | 0253 | 2.5 | 76 |
| | 0858 | −0.3 | −9 |
| | 1546 | 3.9 | 119 |
| | 2220 | 0.1 | 3 |
| **30** M | 0357 | 2.5 | 76 |
| | 0956 | −0.4 | −12 |
| | 1645 | 4.1 | 125 |
| | 2321 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Cape Hatteras, North Carolina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm | | h m | ft cm | | h m | ft cm |
| **1** Tu | 0459 | 2.6 79 | **16** W | 0011 | 0.5 15 | **1** F ● | 0054 | −0.1 −3 | **16** Sa ○ | 0050 | 0.3 9 |
| | 1055 | −0.5 −15 | | 0544 | 2.3 70 | | 0643 | 3.0 91 | | 0637 | 2.8 85 |
| | 1742 | 4.3 131 | | 1132 | 0.2 6 | | 1242 | −0.5 −15 | | 1234 | 0.1 3 |
| | | | | 1816 | 3.5 107 | | 1915 | 4.1 125 | | 1901 | 3.7 113 |
| **2** W ● | 0018 | −0.2 −6 | **17** Th | 0050 | 0.4 12 | **2** Sa | 0141 | −0.2 −6 | **17** Su | 0123 | 0.2 6 |
| | 0558 | 2.7 82 | | 0626 | 2.3 70 | | 0735 | 3.2 98 | | 0717 | 3.0 91 |
| | 1154 | −0.6 −18 | | 1214 | 0.1 3 | | 1336 | −0.4 −12 | | 1316 | 0.0 0 |
| | 1838 | 4.3 131 | | 1854 | 3.6 110 | | 2003 | 4.0 122 | | 1938 | 3.7 113 |
| **3** Th | 0112 | −0.3 −9 | **18** F ○ | 0127 | 0.3 9 | **3** Su | 0225 | −0.2 −6 | **18** M | 0156 | 0.1 3 |
| | 0656 | 2.8 85 | | 0706 | 2.4 73 | | 0826 | 3.3 101 | | 0756 | 3.2 98 |
| | 1251 | −0.6 −18 | | 1255 | 0.1 3 | | 1428 | −0.3 −9 | | 1359 | 0.0 0 |
| | 1931 | 4.3 131 | | 1931 | 3.6 110 | | 2049 | 3.8 116 | | 2014 | 3.6 110 |
| **4** F | 0204 | −0.3 −9 | **19** Sa | 0201 | 0.2 6 | **4** M | 0308 | −0.2 −6 | **19** Tu | 0229 | 0.0 0 |
| | 0752 | 2.9 88 | | 0745 | 2.6 79 | | 0915 | 3.3 101 | | 0837 | 3.4 104 |
| | 1348 | −0.5 −15 | | 1335 | 0.1 3 | | 1520 | −0.1 −3 | | 1444 | 0.1 3 |
| | 2023 | 4.2 128 | | 2006 | 3.6 110 | | 2133 | 3.5 107 | | 2053 | 3.4 104 |
| **5** Sa | 0253 | −0.3 −9 | **20** Su | 0235 | 0.1 3 | **5** Tu | 0350 | −0.1 −3 | **20** W | 0305 | 0.0 0 |
| | 0847 | 3.0 91 | | 0825 | 2.7 82 | | 1004 | 3.3 101 | | 0921 | 3.5 107 |
| | 1444 | −0.4 −12 | | 1416 | 0.1 3 | | 1612 | 0.2 6 | | 1532 | 0.2 6 |
| | 2114 | 4.0 122 | | 2042 | 3.5 107 | | 2217 | 3.1 94 | | 2134 | 3.3 101 |
| **6** Su | 0342 | −0.3 −9 | **21** M | 0308 | 0.1 3 | **6** W | 0430 | 0.1 3 | **21** Th | 0344 | 0.0 0 |
| | 0942 | 3.0 91 | | 0905 | 2.8 85 | | 1053 | 3.2 98 | | 1008 | 3.6 110 |
| | 1540 | −0.2 −6 | | 1459 | 0.1 3 | | 1706 | 0.4 12 | | 1624 | 0.3 9 |
| | 2203 | 3.6 110 | | 2119 | 3.4 104 | | 2301 | 2.8 85 | | 2219 | 3.0 91 |
| **7** M | 0429 | −0.2 −6 | **22** Tu | 0342 | 0.0 0 | **7** Th | 0512 | 0.2 6 | **22** F | 0427 | 0.0 0 |
| | 1037 | 3.0 91 | | 0947 | 2.9 88 | | 1144 | 3.2 98 | | 1100 | 3.7 113 |
| | 1637 | 0.1 3 | | 1546 | 0.2 6 | | 1803 | 0.7 21 | | 1722 | 0.4 12 |
| | 2252 | 3.3 101 | | 2158 | 3.2 98 | | 2348 | 2.5 76 | | 2310 | 2.8 85 |
| **8** Tu | 0515 | −0.1 −3 | **23** W | 0419 | 0.0 0 | **8** F ◐ | 0555 | 0.4 12 | **23** Sa ◑ | 0517 | 0.1 3 |
| | 1133 | 3.0 91 | | 1033 | 3.1 94 | | 1238 | 3.1 94 | | 1159 | 3.7 113 |
| | 1737 | 0.3 9 | | 1637 | 0.3 9 | | 1905 | 0.8 24 | | 1828 | 0.6 18 |
| | 2341 | 2.9 88 | | 2241 | 3.0 91 | | | | | | |
| **9** W ◐ | 0601 | 0.0 0 | **24** Th | 0459 | 0.0 0 | **9** Sa | 0040 | 2.3 70 | **24** Su | 0009 | 2.6 79 |
| | 1229 | 3.0 91 | | 1124 | 3.2 98 | | 0643 | 0.5 15 | | 0614 | 0.1 3 |
| | 1840 | 0.5 15 | | 1735 | 0.4 12 | | 1335 | 3.1 94 | | 1304 | 3.7 113 |
| | | | | 2330 | 2.8 85 | | 2011 | 0.9 27 | | 1940 | 0.6 18 |
| **10** Th | 0033 | 2.6 79 | **25** F ◑ | 0544 | 0.0 0 | **10** Su | 0138 | 2.2 67 | **25** M | 0116 | 2.5 76 |
| | 0648 | 0.2 6 | | 1220 | 3.4 104 | | 0737 | 0.6 18 | | 0720 | 0.2 6 |
| | 1326 | 3.0 91 | | 1839 | 0.5 15 | | 1435 | 3.1 94 | | 1414 | 3.7 113 |
| | 1946 | 0.7 21 | | | | | 2114 | 0.9 27 | | 2052 | 0.6 18 |
| **11** F | 0126 | 2.4 73 | **26** Sa | 0025 | 2.6 79 | **11** M | 0240 | 2.1 64 | **26** Tu | 0229 | 2.6 79 |
| | 0735 | 0.3 9 | | 0636 | −0.1 −3 | | 0834 | 0.6 18 | | 0831 | 0.1 3 |
| | 1422 | 3.1 94 | | 1321 | 3.5 107 | | 1531 | 3.1 94 | | 1522 | 3.8 116 |
| | 2051 | 0.7 21 | | 1950 | 0.5 15 | | 2210 | 0.8 24 | | 2157 | 0.5 15 |
| **12** Sa | 0222 | 2.2 67 | **27** Su | 0127 | 2.5 76 | **12** Tu | 0338 | 2.2 67 | **27** W | 0339 | 2.7 82 |
| | 0823 | 0.3 9 | | 0734 | −0.1 −3 | | 0930 | 0.5 15 | | 0940 | 0.0 0 |
| | 1516 | 3.1 94 | | 1426 | 3.7 113 | | 1622 | 3.3 101 | | 1624 | 3.9 119 |
| | 2150 | 0.7 21 | | 2101 | 0.4 12 | | 2257 | 0.7 21 | | 2254 | 0.3 9 |
| **13** Su | 0319 | 2.1 64 | **28** M | 0235 | 2.5 76 | **13** W | 0429 | 2.3 70 | **28** Th | 0442 | 2.9 88 |
| | 0912 | 0.3 9 | | 0838 | −0.2 −6 | | 1021 | 0.4 12 | | 1043 | −0.1 −3 |
| | 1606 | 3.2 98 | | 1531 | 3.8 116 | | 1707 | 3.4 104 | | 1719 | 4.0 122 |
| | 2243 | 0.6 18 | | 2208 | 0.3 9 | | 2338 | 0.6 18 | | 2344 | 0.1 3 |
| **14** M | 0411 | 2.1 64 | **29** Tu | 0343 | 2.5 76 | **14** Th | 0515 | 2.5 76 | **29** F | 0537 | 3.2 98 |
| | 1001 | 0.3 9 | | 0943 | −0.2 −6 | | 1108 | 0.3 9 | | 1141 | −0.2 −6 |
| | 1652 | 3.3 101 | | 1633 | 4.0 122 | | 1747 | 3.5 107 | | 1809 | 4.0 122 |
| | 2330 | 0.6 18 | | 2309 | 0.1 3 | | | | | | |
| **15** Tu | 0500 | 2.2 67 | **30** W | 0447 | 2.7 82 | **15** F | 0015 | 0.5 15 | **30** Sa ● | 0030 | 0.0 0 |
| | 1047 | 0.3 9 | | 1046 | −0.4 −12 | | 0557 | 2.6 79 | | 0628 | 3.4 104 |
| | 1735 | 3.4 104 | | 1731 | 4.1 125 | | 1152 | 0.2 6 | | 1234 | −0.2 −6 |
| | | | | | | | 1825 | 3.6 110 | | 1855 | 3.9 119 |
| | | | **31** Th | 0003 | 0.0 0 | | | | **31** Su | 0112 | 0.0 0 |
| | | | | 0547 | 2.8 85 | | | | | 0716 | 3.5 107 |
| | | | | 1146 | −0.4 −12 | | | | | 1323 | −0.1 −3 |
| | | | | 1825 | 4.2 128 | | | | | 1939 | 3.8 116 |

## August

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm | | h m | ft cm | | h m | ft cm |
| **1** M | 0151 | 0.0 0 | **16** Tu | 0114 | 0.0 0 | **1** W | 0229 | 0.0 0 | **16** Th | 0231 | 0.0 0 |
| | 0801 | 3.6 110 | | 0728 | 3.8 116 | | 0844 | 3.6 110 | | 0857 | 4.1 125 |
| | 1411 | 0.0 0 | | 1342 | 0.0 0 | | 1458 | 0.2 6 | | 1519 | 0.2 6 |
| | 2020 | 3.6 110 | | 1946 | 3.6 110 | | 2101 | 3.3 101 | | 2113 | 3.2 98 |
| **2** Tu | 0229 | 0.0 0 | **17** W | 0151 | 0.0 0 | **3** Th | 0306 | 0.2 6 | **18** F | 0314 | 0.0 0 |
| | 0844 | 3.6 110 | | 0811 | 4.0 122 | | 0927 | 3.6 110 | | 0946 | 4.1 125 |
| | 1458 | 0.2 6 | | 1429 | 0.0 0 | | 1544 | 0.4 12 | | 1613 | 0.3 9 |
| | 2101 | 3.3 101 | | 2028 | 3.4 104 | | 2141 | 3.0 91 | | 2202 | 3.0 91 |
| **3** W | 0306 | 0.2 6 | **18** Th | 0231 | 0.0 0 | **4** F | 0343 | 0.3 9 | **19** Sa | 0403 | 0.1 3 |
| | 0927 | 3.6 110 | | 0857 | 4.1 125 | | 1010 | 3.5 107 | | 1042 | 4.0 122 |
| | 1544 | 0.4 12 | | 1519 | 0.2 6 | | 1632 | 0.6 18 | | 1713 | 0.5 15 |
| | 2141 | 3.0 91 | | 2113 | 3.2 98 | | 2222 | 2.8 85 | | 2258 | 2.9 88 |
| **4** Th | 0343 | 0.3 9 | **19** F | 0314 | 0.0 0 | **5** Sa | 0422 | 0.5 15 | **20** Su | 0459 | 0.2 6 |
| | 1010 | 3.5 107 | | 0946 | 4.1 125 | | 1056 | 3.4 104 | | 1144 | 3.9 119 |
| | 1632 | 0.6 18 | | 1613 | 0.3 9 | | 1724 | 0.8 24 | | 1820 | 0.6 18 |
| | 2222 | 2.8 85 | | 2202 | 3.0 91 | | 2306 | 2.5 76 | | | |
| **5** F | 0422 | 0.5 15 | **20** Sa | 0403 | 0.1 3 | **6** Sa | 0504 | 0.7 21 | **21** M | 0002 | 2.7 82 |
| | 1056 | 3.4 104 | | 1042 | 4.0 122 | | 1148 | 3.2 98 | | 0603 | 0.3 9 |
| | 1724 | 0.8 24 | | 1713 | 0.5 15 | | 1822 | 1.0 30 | | 1253 | 3.8 116 |
| | 2306 | 2.5 76 | | 2258 | 2.9 88 | | 2356 | 2.4 73 | | 1932 | 0.7 21 |
| **6** Sa | 0504 | 0.7 21 | **21** Su | 0459 | 0.2 6 | **7** Su ◐ | 0553 | 0.8 24 | **22** Tu | 0116 | 2.7 82 |
| | 1148 | 3.2 98 | | 1144 | 3.9 119 | | 1246 | 3.1 94 | | 0716 | 0.4 12 |
| | 1822 | 1.0 30 | | 1820 | 0.6 18 | | 1927 | 1.1 34 | | 1404 | 3.7 113 |
| | 2356 | 2.4 73 | | | | | | | | 2041 | 0.6 18 |
| **7** Su | 0553 | 0.8 24 | **22** M | 0002 | 2.7 82 | **8** M | 0056 | 2.3 70 | **23** W | 0230 | 2.8 85 |
| | 1246 | 3.1 94 | | 0603 | 0.3 9 | | 0652 | 0.8 24 | | 0831 | 0.4 12 |
| | 1927 | 1.1 34 | | 1253 | 3.8 116 | | 1349 | 3.1 94 | | 1511 | 3.7 113 |
| | | | | 1932 | 0.7 21 | | 2032 | 1.1 34 | | 2141 | 0.5 15 |
| **8** M | 0056 | 2.3 70 | **23** Tu | 0116 | 2.7 82 | **9** Tu | 0201 | 2.3 70 | **24** Th | 0337 | 3.0 91 |
| | 0652 | 0.8 24 | | 0716 | 0.4 12 | | 0756 | 0.8 24 | | 0940 | 0.3 9 |
| | 1349 | 3.1 94 | | 1404 | 3.7 113 | | 1450 | 3.2 98 | | 1611 | 3.8 116 |
| | 2032 | 1.1 34 | | 2041 | 0.6 18 | | 2128 | 1.0 30 | | 2233 | 0.4 12 |
| **9** Tu | 0201 | 2.3 70 | **24** W | 0230 | 2.8 85 | **10** W | 0303 | 2.4 73 | **25** F | 0434 | 3.3 101 |
| | 0756 | 0.8 24 | | 0831 | 0.4 12 | | 0857 | 0.7 21 | | 1041 | 0.2 6 |
| | 1450 | 3.2 98 | | 1511 | 3.7 113 | | 1543 | 3.3 101 | | 1702 | 3.8 116 |
| | 2128 | 1.0 30 | | 2141 | 0.5 15 | | 2215 | 0.9 27 | | 2319 | 0.2 6 |
| **10** W | 0303 | 2.4 73 | **25** Th | 0337 | 3.0 91 | **11** Th | 0356 | 2.6 79 | **26** Sa | 0525 | 3.5 107 |
| | 0857 | 0.7 21 | | 0940 | 0.3 9 | | 0952 | 0.6 18 | | 1134 | 0.1 3 |
| | 1543 | 3.3 101 | | 1611 | 3.8 116 | | 1629 | 3.4 104 | | 1749 | 3.7 113 |
| | 2215 | 0.9 27 | | 2233 | 0.4 12 | | 2255 | 0.7 21 | | | |
| **11** Th | 0356 | 2.6 79 | **26** F | 0434 | 3.3 101 | **12** F | 0443 | 2.8 85 | **27** Su | 0000 | 0.2 6 |
| | 0952 | 0.6 18 | | 1041 | 0.2 6 | | 1042 | 0.4 12 | | 0611 | 3.7 113 |
| | 1629 | 3.4 104 | | 1702 | 3.8 116 | | 1711 | 3.5 107 | | 1223 | 0.1 3 |
| | 2255 | 0.7 21 | | 2319 | 0.2 6 | | 2331 | 0.5 15 | | 1832 | 3.6 110 |
| **12** F | 0443 | 2.8 85 | **27** Sa | 0525 | 3.5 107 | **13** Sa | 0525 | 3.1 94 | **28** M | 0039 | 0.1 3 |
| | 1042 | 0.4 12 | | 1134 | 0.1 3 | | 1128 | 0.3 9 | | 0653 | 3.8 116 |
| | 1711 | 3.5 107 | | 1749 | 3.7 113 | | 1750 | 3.6 110 | | 1309 | 0.1 3 |
| | 2331 | 0.5 15 | | | | | | | | 1912 | 3.5 107 |
| **13** Sa | 0525 | 3.1 94 | **28** Su | 0000 | 0.2 6 | **14** Su | 0005 | 0.3 9 | **29** Tu | 0115 | 0.2 6 |
| | 1128 | 0.3 9 | | 0611 | 3.7 113 | | 0606 | 3.3 101 | | 0733 | 3.9 119 |
| | 1750 | 3.6 110 | | 1223 | 0.1 3 | | 1212 | 0.1 3 | | 1353 | 0.2 6 |
| | | | | 1832 | 3.6 110 | | 1828 | 3.7 113 | | 1951 | 3.3 101 |
| **14** Su | 0005 | 0.3 9 | **29** M ● | 0039 | 0.1 3 | **15** M ○ | 0039 | 0.2 6 | **30** W | 0447 | 2.7 82 |
| | 0606 | 3.3 101 | | 0653 | 3.8 116 | | 0646 | 3.6 110 | | 1046 | −0.4 −12 |
| | 1212 | 0.1 3 | | 1309 | 0.1 3 | | 1257 | 0.0 0 | | 1731 | 4.1 125 |
| | 1828 | 3.7 113 | | 1912 | 3.5 107 | | 1906 | 3.7 113 | | | |
| **15** M ○ | 0039 | 0.2 6 | **30** Tu | 0115 | 0.2 6 | | | | | | |
| | 0646 | 3.6 110 | | 0733 | 3.9 119 | | | | | | |
| | 1257 | 0.0 0 | | 1353 | 0.2 6 | | | | | | |
| | 1906 | 3.7 113 | | 1951 | 3.3 101 | | | | | | |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** M | 0151 | 0.0 0 | **16** Tu | 0114 | 0.0 0 |
| | 0801 | 3.6 110 | | 0728 | 3.8 116 |
| | 1411 | 0.0 0 | | 1342 | 0.0 0 |
| | 2020 | 3.6 110 | | 1946 | 3.6 110 |
| **2** Tu | 0229 | 0.0 0 | **17** W | 0151 | 0.0 0 |
| | 0844 | 3.6 110 | | 0811 | 4.0 122 |
| | 1458 | 0.2 6 | | 1429 | 0.0 0 |
| | 2101 | 3.3 101 | | 2028 | 3.4 104 |
| **3** W | 0306 | 0.2 6 | **18** Th | 0231 | 0.0 0 |
| | 0927 | 3.6 110 | | 0857 | 4.1 125 |
| | 1544 | 0.4 12 | | 1519 | 0.2 6 |
| | 2141 | 3.0 91 | | 2113 | 3.2 98 |
| **4** Th | 0343 | 0.3 9 | **19** F | 0314 | 0.0 0 |
| | 1010 | 3.5 107 | | 0946 | 4.1 125 |
| | 1632 | 0.6 18 | | 1613 | 0.3 9 |
| | 2222 | 2.8 85 | | 2202 | 3.0 91 |
| **5** F | 0422 | 0.5 15 | **20** Sa | 0403 | 0.1 3 |
| | 1056 | 3.4 104 | | 1042 | 4.0 122 |
| | 1724 | 0.8 24 | | 1713 | 0.5 15 |
| | 2306 | 2.5 76 | | 2258 | 2.9 88 |
| **6** Sa | 0504 | 0.7 21 | **21** Su | 0459 | 0.2 6 |
| | 1148 | 3.2 98 | | 1144 | 3.9 119 |
| | 1822 | 1.0 30 | | 1820 | 0.6 18 |
| | 2356 | 2.4 73 | | | |
| **7** Su ◐ | 0553 | 0.8 24 | **22** M ◑ | 0002 | 2.7 82 |
| | 1246 | 3.1 94 | | 0603 | 0.3 9 |
| | 1927 | 1.1 34 | | 1253 | 3.8 116 |
| | | | | 1932 | 0.7 21 |
| **8** M | 0056 | 2.3 70 | **23** Tu | 0116 | 2.7 82 |
| | 0652 | 0.8 24 | | 0716 | 0.4 12 |
| | 1349 | 3.1 94 | | 1404 | 3.7 113 |
| | 2032 | 1.1 34 | | 2041 | 0.6 18 |
| **9** Tu | 0201 | 2.3 70 | **24** W | 0230 | 2.8 85 |
| | 0756 | 0.8 24 | | 0831 | 0.4 12 |
| | 1450 | 3.2 98 | | 1511 | 3.7 113 |
| | 2128 | 1.0 30 | | 2141 | 0.5 15 |
| **10** W | 0303 | 2.4 73 | **25** Th | 0337 | 3.0 91 |
| | 0857 | 0.7 21 | | 0940 | 0.3 9 |
| | 1543 | 3.3 101 | | 1611 | 3.8 116 |
| | 2215 | 0.9 27 | | 2233 | 0.4 12 |
| **11** Th | 0356 | 2.6 79 | **26** F | 0434 | 3.3 101 |
| | 0952 | 0.6 18 | | 1041 | 0.2 6 |
| | 1629 | 3.4 104 | | 1702 | 3.8 116 |
| | 2255 | 0.7 21 | | 2319 | 0.2 6 |
| **12** F | 0443 | 2.8 85 | **27** Sa | 0525 | 3.5 107 |
| | 1042 | 0.4 12 | | 1134 | 0.1 3 |
| | 1711 | 3.5 107 | | 1749 | 3.7 113 |
| | 2331 | 0.5 15 | | | |
| **13** Sa | 0525 | 3.1 94 | **28** Su | 0000 | 0.2 6 |
| | 1128 | 0.3 9 | | 0611 | 3.7 113 |
| | 1750 | 3.6 110 | | 1223 | 0.1 3 |
| | | | | 1832 | 3.6 110 |
| **14** Su | 0005 | 0.3 9 | **29** M ● | 0039 | 0.1 3 |
| | 0606 | 3.3 101 | | 0653 | 3.8 116 |
| | 1212 | 0.1 3 | | 1309 | 0.1 3 |
| | 1828 | 3.7 113 | | 1912 | 3.5 107 |
| **15** M ○ | 0039 | 0.2 6 | **30** Tu | 0115 | 0.2 6 |
| | 0646 | 3.6 110 | | 0733 | 3.9 119 |
| | 1257 | 0.0 0 | | 1353 | 0.2 6 |
| | 1906 | 3.7 113 | | 1951 | 3.3 101 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Cape Hatteras, North Carolina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0149 | 0.2 | 6 |
| | 0812 | 3.9 | 119 |
| | 1435 | 0.3 | 9 |
| | 2029 | 3.1 | 94 |
| **2** Th | 0224 | 0.4 | 12 |
| | 0851 | 3.8 | 116 |
| | 1517 | 0.5 | 15 |
| | 2107 | 2.9 | 88 |
| **3** F | 0300 | 0.5 | 15 |
| | 0931 | 3.6 | 110 |
| | 1601 | 0.7 | 21 |
| | 2146 | 2.7 | 82 |
| **4** Sa | 0338 | 0.7 | 21 |
| | 1014 | 3.5 | 107 |
| | 1648 | 0.9 | 27 |
| | 2229 | 2.5 | 76 |
| **5** Su | 0420 | 0.8 | 24 |
| | 1102 | 3.3 | 101 |
| | 1741 | 1.0 | 30 |
| | 2319 | 2.4 | 73 |
| **6** M | 0510 | 0.9 | 27 |
| | 1158 | 3.2 | 98 |
| | 1841 | 1.1 | 34 |
| **7** Tu ◐ | 0017 | 2.4 | 73 |
| | 0609 | 1.0 | 30 |
| | 1259 | 3.1 | 94 |
| | 1942 | 1.1 | 34 |
| **8** W | 0122 | 2.4 | 73 |
| | 0715 | 1.0 | 30 |
| | 1400 | 3.2 | 98 |
| | 2037 | 1.0 | 30 |
| **9** Th | 0224 | 2.5 | 76 |
| | 0820 | 0.9 | 27 |
| | 1455 | 3.2 | 98 |
| | 2123 | 0.9 | 27 |
| **10** F | 0318 | 2.8 | 85 |
| | 0919 | 0.7 | 21 |
| | 1543 | 3.3 | 101 |
| | 2203 | 0.7 | 21 |
| **11** Sa | 0406 | 3.1 | 94 |
| | 1012 | 0.5 | 15 |
| | 1628 | 3.4 | 104 |
| | 2241 | 0.5 | 15 |
| **12** Su | 0450 | 3.4 | 104 |
| | 1102 | 0.3 | 9 |
| | 1711 | 3.5 | 107 |
| | 2318 | 0.2 | 6 |
| **13** M | 0533 | 3.8 | 116 |
| | 1150 | 0.1 | 3 |
| | 1753 | 3.5 | 107 |
| | 2356 | 0.0 | 0 |
| **14** Tu ○ | 0617 | 4.1 | 125 |
| | 1237 | 0.0 | 0 |
| | 1836 | 3.5 | 107 |
| **15** W | 0036 | −0.1 | −3 |
| | 0701 | 4.3 | 131 |
| | 1325 | −0.1 | −3 |
| | 1920 | 3.4 | 104 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0118 | −0.2 | −6 |
| | 0748 | 4.5 | 137 |
| | 1415 | 0.0 | 0 |
| | 2007 | 3.3 | 101 |
| **17** F | 0204 | −0.1 | −3 |
| | 0837 | 4.5 | 137 |
| | 1507 | 0.1 | 3 |
| | 2056 | 3.2 | 98 |
| **18** Sa | 0253 | −0.1 | −3 |
| | 0930 | 4.4 | 134 |
| | 1603 | 0.2 | 6 |
| | 2150 | 3.0 | 91 |
| **19** Su | 0347 | 0.1 | 3 |
| | 1028 | 4.2 | 128 |
| | 1704 | 0.4 | 12 |
| | 2251 | 2.9 | 88 |
| **20** M | 0448 | 0.3 | 9 |
| | 1131 | 3.9 | 119 |
| | 1809 | 0.5 | 15 |
| | 2359 | 2.8 | 85 |
| **21** Tu ◑ | 0558 | 0.4 | 12 |
| | 1240 | 3.7 | 113 |
| | 1917 | 0.6 | 18 |
| **22** W | 0114 | 2.9 | 88 |
| | 0714 | 0.5 | 15 |
| | 1349 | 3.6 | 110 |
| | 2020 | 0.5 | 15 |
| **23** Th | 0225 | 3.0 | 91 |
| | 0829 | 0.5 | 15 |
| | 1453 | 3.5 | 107 |
| | 2116 | 0.4 | 12 |
| **24** F | 0327 | 3.2 | 98 |
| | 0936 | 0.4 | 12 |
| | 1550 | 3.4 | 104 |
| | 2205 | 0.3 | 9 |
| **25** Sa | 0421 | 3.5 | 107 |
| | 1034 | 0.4 | 12 |
| | 1640 | 3.4 | 104 |
| | 2249 | 0.3 | 9 |
| **26** Su | 0508 | 3.7 | 113 |
| | 1125 | 0.3 | 9 |
| | 1726 | 3.3 | 101 |
| | 2328 | 0.2 | 6 |
| **27** M | 0551 | 3.8 | 116 |
| | 1212 | 0.3 | 9 |
| | 1807 | 3.2 | 98 |
| **28** Tu ● | 0005 | 0.2 | 6 |
| | 0630 | 3.9 | 119 |
| | 1254 | 0.3 | 9 |
| | 1847 | 3.1 | 94 |
| **29** W | 0040 | 0.2 | 6 |
| | 0707 | 3.9 | 119 |
| | 1335 | 0.3 | 9 |
| | 1924 | 2.9 | 88 |
| **30** Th | 0114 | 0.3 | 9 |
| | 0744 | 3.9 | 119 |
| | 1415 | 0.4 | 12 |
| | 2001 | 2.8 | 85 |
| **31** F | 0149 | 0.4 | 12 |
| | 0821 | 3.8 | 116 |
| | 1454 | 0.5 | 15 |
| | 2039 | 2.7 | 82 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0225 | 0.5 | 15 |
| | 0900 | 3.6 | 110 |
| | 1535 | 0.6 | 18 |
| | 2117 | 2.6 | 79 |
| **2** Su | 0304 | 0.6 | 18 |
| | 0941 | 3.5 | 107 |
| | 1619 | 0.8 | 24 |
| | 2159 | 2.5 | 76 |
| **3** M | 0346 | 0.7 | 21 |
| | 1026 | 3.3 | 101 |
| | 1706 | 0.9 | 27 |
| | 2247 | 2.4 | 73 |
| **4** Tu | 0434 | 0.8 | 24 |
| | 1115 | 3.2 | 98 |
| | 1756 | 0.9 | 27 |
| | 2341 | 2.4 | 73 |
| **5** W ◐ | 0530 | 0.9 | 27 |
| | 1208 | 3.1 | 94 |
| | 1848 | 0.9 | 27 |
| **6** Th | 0041 | 2.5 | 76 |
| | 0633 | 0.9 | 27 |
| | 1304 | 3.1 | 94 |
| | 1937 | 0.8 | 24 |
| **7** F | 0141 | 2.6 | 79 |
| | 0739 | 0.9 | 27 |
| | 1359 | 3.0 | 91 |
| | 2023 | 0.7 | 21 |
| **8** Sa | 0236 | 2.9 | 88 |
| | 0843 | 0.7 | 21 |
| | 1452 | 3.1 | 94 |
| | 2107 | 0.5 | 15 |
| **9** Su | 0327 | 3.3 | 101 |
| | 0941 | 0.5 | 15 |
| | 1543 | 3.1 | 94 |
| | 2150 | 0.2 | 6 |
| **10** M | 0415 | 3.6 | 110 |
| | 1036 | 0.3 | 9 |
| | 1632 | 3.1 | 94 |
| | 2234 | 0.0 | 0 |
| **11** Tu | 0503 | 4.0 | 122 |
| | 1128 | 0.1 | 3 |
| | 1720 | 3.2 | 98 |
| | 2318 | −0.2 | −6 |
| **12** W | 0551 | 4.3 | 131 |
| | 1219 | −0.1 | −3 |
| | 1809 | 3.2 | 98 |
| **13** Th ○ | 0005 | −0.3 | −9 |
| | 0639 | 4.5 | 137 |
| | 1310 | −0.2 | −6 |
| | 1858 | 3.1 | 94 |
| **14** F | 0053 | −0.4 | −12 |
| | 0730 | 4.6 | 140 |
| | 1402 | −0.2 | −6 |
| | 1949 | 3.1 | 94 |
| **15** Sa | 0144 | −0.4 | −12 |
| | 0822 | 4.5 | 137 |
| | 1456 | −0.1 | −3 |
| | 2042 | 3.0 | 91 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0238 | −0.3 | −9 |
| | 0917 | 4.3 | 131 |
| | 1551 | 0.0 | 0 |
| | 2140 | 3.0 | 91 |
| **17** M | 0336 | −0.1 | −3 |
| | 1014 | 4.1 | 125 |
| | 1649 | 0.1 | 3 |
| | 2242 | 2.9 | 88 |
| **18** Tu | 0439 | 0.1 | 3 |
| | 1115 | 3.8 | 116 |
| | 1750 | 0.2 | 6 |
| | 2350 | 2.9 | 88 |
| **19** W ◑ | 0549 | 0.3 | 9 |
| | 1219 | 3.5 | 107 |
| | 1850 | 0.3 | 9 |
| **20** Th | 0100 | 3.0 | 91 |
| | 0703 | 0.4 | 12 |
| | 1323 | 3.3 | 101 |
| | 1949 | 0.3 | 9 |
| **21** F | 0207 | 3.1 | 94 |
| | 0816 | 0.5 | 15 |
| | 1425 | 3.1 | 94 |
| | 2042 | 0.2 | 6 |
| **22** Sa | 0307 | 3.3 | 101 |
| | 0923 | 0.5 | 15 |
| | 1522 | 2.9 | 88 |
| | 2131 | 0.2 | 6 |
| **23** Su | 0400 | 3.4 | 104 |
| | 1021 | 0.4 | 12 |
| | 1614 | 2.8 | 85 |
| | 2215 | 0.2 | 6 |
| **24** M | 0447 | 3.6 | 110 |
| | 1112 | 0.3 | 9 |
| | 1701 | 2.7 | 82 |
| | 2255 | 0.2 | 6 |
| **25** Tu | 0529 | 3.7 | 113 |
| | 1158 | 0.3 | 9 |
| | 1743 | 2.6 | 79 |
| | 2333 | 0.2 | 6 |
| **26** W | 0608 | 3.7 | 113 |
| | 1239 | 0.3 | 9 |
| | 1823 | 2.6 | 79 |
| **27** Th ● | 0010 | 0.2 | 6 |
| | 0645 | 3.7 | 113 |
| | 1319 | 0.3 | 9 |
| | 1901 | 2.6 | 79 |
| **28** F | 0047 | 0.2 | 6 |
| | 0722 | 3.7 | 113 |
| | 1357 | 0.3 | 9 |
| | 1939 | 2.5 | 76 |
| **29** Sa | 0124 | 0.3 | 9 |
| | 0800 | 3.6 | 110 |
| | 1435 | 0.3 | 9 |
| | 2016 | 2.5 | 76 |
| **30** Su | 0201 | 0.3 | 9 |
| | 0837 | 3.5 | 107 |
| | 1513 | 0.4 | 12 |
| | 2055 | 2.4 | 73 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0240 | 0.4 | 12 |
| | 0916 | 3.4 | 104 |
| | 1552 | 0.5 | 15 |
| | 2135 | 2.4 | 73 |
| **2** Tu | 0321 | 0.5 | 15 |
| | 0956 | 3.3 | 101 |
| | 1632 | 0.5 | 15 |
| | 2219 | 2.3 | 70 |
| **3** W | 0406 | 0.6 | 18 |
| | 1038 | 3.1 | 94 |
| | 1713 | 0.5 | 15 |
| | 2307 | 2.4 | 73 |
| **4** Th | 0457 | 0.6 | 18 |
| | 1123 | 3.0 | 91 |
| | 1755 | 0.5 | 15 |
| **5** F ◐ | 0000 | 2.5 | 76 |
| | 0555 | 0.7 | 21 |
| | 1212 | 2.9 | 88 |
| | 1839 | 0.4 | 12 |
| **6** Sa | 0056 | 2.7 | 82 |
| | 0700 | 0.6 | 18 |
| | 1306 | 2.8 | 85 |
| | 1925 | 0.3 | 9 |
| **7** Su | 0152 | 3.0 | 91 |
| | 0806 | 0.5 | 15 |
| | 1402 | 2.7 | 82 |
| | 2014 | 0.1 | 3 |
| **8** M | 0248 | 3.3 | 101 |
| | 0911 | 0.4 | 12 |
| | 1500 | 2.7 | 82 |
| | 2104 | −0.1 | −3 |
| **9** Tu | 0343 | 3.6 | 110 |
| | 1012 | 0.1 | 3 |
| | 1557 | 2.7 | 82 |
| | 2156 | −0.3 | −9 |
| **10** W | 0437 | 4.0 | 122 |
| | 1109 | −0.1 | −3 |
| | 1652 | 2.7 | 82 |
| | 2249 | −0.4 | −12 |
| **11** Th | 0530 | 4.2 | 128 |
| | 1204 | −0.2 | −6 |
| | 1747 | 2.8 | 85 |
| | 2342 | −0.6 | −18 |
| **12** F ○ | 0623 | 4.4 | 134 |
| | 1257 | −0.4 | −12 |
| | 1841 | 2.9 | 88 |
| **13** Sa | 0036 | −0.7 | −21 |
| | 0716 | 4.4 | 134 |
| | 1349 | −0.4 | −12 |
| | 1935 | 2.9 | 88 |
| **14** Su | 0131 | −0.7 | −21 |
| | 0809 | 4.3 | 131 |
| | 1441 | −0.4 | −12 |
| | 2030 | 2.9 | 88 |
| **15** M | 0228 | −0.6 | −18 |
| | 0903 | 4.1 | 125 |
| | 1534 | −0.3 | −9 |
| | 2127 | 2.9 | 88 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0326 | −0.4 | −12 |
| | 0957 | 3.9 | 119 |
| | 1627 | −0.3 | −9 |
| | 2227 | 2.9 | 88 |
| **17** W | 0427 | −0.2 | −6 |
| | 1053 | 3.5 | 107 |
| | 1720 | −0.2 | −6 |
| | 2329 | 2.9 | 88 |
| **18** Th | 0533 | 0.1 | 3 |
| | 1150 | 3.2 | 98 |
| | 1814 | −0.1 | −3 |
| **19** F ◑ | 0033 | 3.0 | 91 |
| | 0643 | 0.3 | 9 |
| | 1248 | 2.8 | 85 |
| | 1907 | 0.0 | 0 |
| **20** Sa | 0137 | 3.0 | 91 |
| | 0754 | 0.4 | 12 |
| | 1348 | 2.6 | 79 |
| | 2000 | 0.1 | 3 |
| **21** Su | 0237 | 3.1 | 94 |
| | 0902 | 0.4 | 12 |
| | 1448 | 2.4 | 73 |
| | 2051 | 0.1 | 3 |
| **22** M | 0332 | 3.2 | 98 |
| | 1002 | 0.4 | 12 |
| | 1544 | 2.2 | 67 |
| | 2139 | 0.1 | 3 |
| **23** Tu | 0421 | 3.2 | 98 |
| | 1055 | 0.3 | 9 |
| | 1635 | 2.2 | 67 |
| | 2224 | 0.1 | 3 |
| **24** W | 0506 | 3.3 | 101 |
| | 1141 | 0.3 | 9 |
| | 1721 | 2.2 | 67 |
| | 2307 | 0.1 | 3 |
| **25** Th | 0548 | 3.4 | 104 |
| | 1223 | 0.2 | 6 |
| | 1803 | 2.2 | 67 |
| | 2348 | 0.1 | 3 |
| **26** F | 0627 | 3.4 | 104 |
| | 1301 | 0.1 | 3 |
| | 1842 | 2.3 | 70 |
| **27** Sa ● | 0027 | 0.0 | 0 |
| | 0705 | 3.4 | 104 |
| | 1338 | 0.1 | 3 |
| | 1919 | 2.3 | 70 |
| **28** Su | 0106 | 0.0 | 0 |
| | 0741 | 3.4 | 104 |
| | 1414 | 0.1 | 3 |
| | 1956 | 2.3 | 70 |
| **29** M | 0144 | 0.0 | 0 |
| | 0817 | 3.3 | 101 |
| | 1448 | 0.1 | 3 |
| | 2034 | 2.3 | 70 |
| **30** Tu | 0222 | 0.1 | 3 |
| | 0852 | 3.3 | 101 |
| | 1522 | 0.1 | 3 |
| | 2112 | 2.4 | 73 |
| **31** W | 0302 | 0.1 | 3 |
| | 0928 | 3.1 | 94 |
| | 1556 | 0.1 | 3 |
| | 2152 | 2.4 | 73 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Wilmington, North Carolina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0401 | 4.1 | 125 |
| | 1033 | 0.4 | 12 |
| | 1614 | 3.8 | 116 |
| | 2247 | 0.1 | 3 |
| **2** W | 0452 | 4.2 | 128 |
| | 1127 | 0.4 | 12 |
| | 1704 | 3.8 | 116 |
| | 2335 | 0.1 | 3 |
| **3** Th | 0543 | 4.2 | 128 |
| | 1219 | 0.4 | 12 |
| | 1755 | 3.7 | 113 |
| **4** F | 0022 | 0.1 | 3 |
| | 0633 | 4.3 | 131 |
| | 1309 | 0.3 | 9 |
| | 1845 | 3.8 | 116 |
| **5** Sa | 0109 | 0.1 | 3 |
| | 0721 | 4.4 | 134 |
| | 1358 | 0.3 | 9 |
| | 1932 | 3.8 | 116 |
| **6** Su | 0155 | 0.0 | 0 |
| | 0807 | 4.5 | 137 |
| | 1444 | 0.3 | 9 |
| | 2015 | 3.8 | 116 |
| **7** M | 0239 | 0.0 | 0 |
| | 0848 | 4.5 | 137 |
| | 1529 | 0.2 | 6 |
| | 2055 | 3.9 | 119 |
| **8** Tu ● | 0323 | 0.0 | 0 |
| | 0926 | 4.5 | 137 |
| | 1611 | 0.2 | 6 |
| | 2130 | 3.9 | 119 |
| **9** W | 0405 | 0.0 | 0 |
| | 0958 | 4.6 | 140 |
| | 1651 | 0.2 | 6 |
| | 2159 | 3.9 | 119 |
| **10** Th | 0447 | 0.0 | 0 |
| | 1026 | 4.6 | 140 |
| | 1730 | 0.2 | 6 |
| | 2228 | 4.0 | 122 |
| **11** F | 0529 | 0.0 | 0 |
| | 1056 | 4.5 | 137 |
| | 1808 | 0.2 | 6 |
| | 2304 | 4.1 | 125 |
| **12** Sa | 0613 | 0.0 | 0 |
| | 1134 | 4.5 | 137 |
| | 1847 | 0.1 | 3 |
| | 2351 | 4.2 | 128 |
| **13** Su | 0702 | 0.1 | 3 |
| | 1222 | 4.4 | 134 |
| | 1929 | 0.1 | 3 |
| **14** M | 0046 | 4.3 | 131 |
| | 0759 | 0.3 | 9 |
| | 1319 | 4.2 | 128 |
| | 2018 | 0.1 | 3 |
| **15** Tu ◐ | 0150 | 4.3 | 131 |
| | 0906 | 0.4 | 12 |
| | 1423 | 4.1 | 125 |
| | 2115 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0300 | 4.4 | 134 |
| | 1017 | 0.5 | 15 |
| | 1531 | 3.9 | 119 |
| | 2220 | 0.1 | 3 |
| **17** Th | 0412 | 4.4 | 134 |
| | 1126 | 0.4 | 12 |
| | 1639 | 3.9 | 119 |
| | 2327 | 0.0 | 0 |
| **18** F | 0523 | 4.5 | 137 |
| | 1229 | 0.3 | 9 |
| | 1746 | 3.9 | 119 |
| **19** Sa | 0030 | −0.1 | −3 |
| | 0630 | 4.7 | 143 |
| | 1329 | 0.2 | 6 |
| | 1850 | 4.0 | 122 |
| **20** Su | 0131 | −0.2 | −6 |
| | 0732 | 4.8 | 146 |
| | 1425 | 0.0 | 0 |
| | 1949 | 4.1 | 125 |
| **21** M | 0228 | −0.3 | −9 |
| | 0829 | 4.9 | 149 |
| | 1518 | −0.1 | −3 |
| | 2044 | 4.3 | 131 |
| **22** Tu ○ | 0322 | −0.4 | −12 |
| | 0920 | 4.9 | 149 |
| | 1608 | −0.2 | −6 |
| | 2136 | 4.4 | 134 |
| **23** W | 0413 | −0.4 | −12 |
| | 1008 | 4.9 | 149 |
| | 1654 | −0.2 | −6 |
| | 2226 | 4.4 | 134 |
| **24** Th | 0502 | −0.3 | −9 |
| | 1054 | 4.8 | 146 |
| | 1739 | −0.1 | −3 |
| | 2316 | 4.4 | 134 |
| **25** F | 0548 | −0.2 | −6 |
| | 1139 | 4.6 | 140 |
| | 1820 | −0.1 | −3 |
| **26** Sa | 0005 | 4.4 | 134 |
| | 0633 | 0.0 | 0 |
| | 1224 | 4.4 | 134 |
| | 1901 | 0.0 | 0 |
| **27** Su | 0053 | 4.3 | 131 |
| | 0719 | 0.2 | 6 |
| | 1309 | 4.2 | 128 |
| | 1940 | 0.2 | 6 |
| **28** M | 0141 | 4.3 | 131 |
| | 0806 | 0.4 | 12 |
| | 1355 | 4.0 | 122 |
| | 2020 | 0.3 | 9 |
| **29** Tu | 0229 | 4.2 | 128 |
| | 0856 | 0.5 | 15 |
| | 1442 | 3.9 | 119 |
| | 2102 | 0.4 | 12 |
| **30** W ◑ | 0318 | 4.1 | 125 |
| | 0950 | 0.6 | 18 |
| | 1532 | 3.7 | 113 |
| | 2150 | 0.4 | 12 |
| **31** Th | 0408 | 4.1 | 125 |
| | 1045 | 0.6 | 18 |
| | 1623 | 3.7 | 113 |
| | 2243 | 0.4 | 12 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0501 | 4.1 | 125 |
| | 1140 | 0.6 | 18 |
| | 1716 | 3.7 | 113 |
| | 2337 | 0.4 | 12 |
| **2** Sa | 0555 | 4.2 | 128 |
| | 1233 | 0.6 | 18 |
| | 1809 | 3.7 | 113 |
| **3** Su | 0031 | 0.3 | 9 |
| | 0647 | 4.3 | 131 |
| | 1324 | 0.5 | 15 |
| | 1859 | 3.8 | 116 |
| **4** M | 0123 | 0.2 | 6 |
| | 0736 | 4.4 | 134 |
| | 1413 | 0.4 | 12 |
| | 1946 | 3.9 | 119 |
| **5** Tu | 0213 | 0.1 | 3 |
| | 0820 | 4.5 | 137 |
| | 1459 | 0.3 | 9 |
| | 2028 | 4.1 | 125 |
| **6** W ● | 0301 | 0.0 | 0 |
| | 0900 | 4.6 | 140 |
| | 1542 | 0.3 | 9 |
| | 2106 | 4.2 | 128 |
| **7** Th | 0348 | 0.0 | 0 |
| | 0936 | 4.7 | 143 |
| | 1624 | 0.2 | 6 |
| | 2141 | 4.3 | 131 |
| **8** F | 0434 | 0.0 | 0 |
| | 1009 | 4.7 | 143 |
| | 1704 | 0.1 | 3 |
| | 2215 | 4.5 | 137 |
| **9** Sa | 0520 | 0.0 | 0 |
| | 1044 | 4.7 | 143 |
| | 1743 | 0.1 | 3 |
| | 2254 | 4.6 | 140 |
| **10** Su | 0607 | 0.0 | 0 |
| | 1124 | 4.6 | 140 |
| | 1823 | 0.0 | 0 |
| | 2340 | 4.7 | 143 |
| **11** M | 0658 | 0.2 | 6 |
| | 1213 | 4.4 | 134 |
| | 1907 | 0.1 | 3 |
| **12** Tu | 0035 | 4.7 | 143 |
| | 0754 | 0.3 | 9 |
| | 1310 | 4.2 | 128 |
| | 1956 | 0.1 | 3 |
| **13** W ◐ | 0139 | 4.6 | 140 |
| | 0857 | 0.5 | 15 |
| | 1415 | 4.1 | 125 |
| | 2056 | 0.2 | 6 |
| **14** Th | 0250 | 4.6 | 140 |
| | 1004 | 0.6 | 18 |
| | 1522 | 4.0 | 122 |
| | 2204 | 0.3 | 9 |
| **15** F | 0402 | 4.5 | 137 |
| | 1110 | 0.5 | 15 |
| | 1630 | 3.9 | 119 |
| | 2312 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0512 | 4.5 | 137 |
| | 1212 | 0.4 | 12 |
| | 1736 | 4.0 | 122 |
| **17** Su | 0016 | 0.1 | 3 |
| | 0618 | 4.6 | 140 |
| | 1310 | 0.3 | 9 |
| | 1838 | 4.2 | 128 |
| **18** M | 0117 | 0.0 | 0 |
| | 0719 | 4.7 | 143 |
| | 1404 | 0.1 | 3 |
| | 1936 | 4.4 | 134 |
| **19** Tu | 0213 | −0.1 | −3 |
| | 0812 | 4.8 | 146 |
| | 1455 | 0.0 | 0 |
| | 2029 | 4.6 | 140 |
| **20** W ○ | 0305 | −0.2 | −6 |
| | 0900 | 4.9 | 149 |
| | 1542 | −0.1 | −3 |
| | 2118 | 4.7 | 143 |
| **21** Th | 0355 | −0.2 | −6 |
| | 0944 | 4.8 | 146 |
| | 1626 | −0.1 | −3 |
| | 2204 | 4.8 | 146 |
| **22** F | 0441 | −0.1 | −3 |
| | 1026 | 4.7 | 143 |
| | 1707 | 0.0 | 0 |
| | 2249 | 4.8 | 146 |
| **23** Sa | 0525 | 0.0 | 0 |
| | 1107 | 4.6 | 140 |
| | 1745 | 0.1 | 3 |
| | 2332 | 4.7 | 143 |
| **24** Su | 0607 | 0.2 | 6 |
| | 1148 | 4.4 | 134 |
| | 1820 | 0.2 | 6 |
| **25** M | 0015 | 4.6 | 140 |
| | 0648 | 0.3 | 9 |
| | 1230 | 4.2 | 128 |
| | 1853 | 0.4 | 12 |
| **26** Tu | 0058 | 4.5 | 137 |
| | 0730 | 0.5 | 15 |
| | 1314 | 4.0 | 122 |
| | 1924 | 0.5 | 15 |
| **27** W | 0142 | 4.4 | 134 |
| | 0814 | 0.6 | 18 |
| | 1400 | 3.9 | 119 |
| | 1957 | 0.6 | 18 |
| **28** Th ◑ | 0228 | 4.3 | 131 |
| | 0904 | 0.8 | 24 |
| | 1448 | 3.8 | 116 |
| | 2041 | 0.6 | 18 |
| **29** F | 0318 | 4.2 | 128 |
| | 0959 | 0.9 | 27 |
| | 1540 | 3.7 | 113 |
| | 2140 | 0.7 | 21 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0412 | 4.1 | 125 |
| | 1057 | 0.9 | 27 |
| | 1633 | 3.7 | 113 |
| | 2247 | 0.7 | 21 |
| **2** Su | 0509 | 4.2 | 128 |
| | 1153 | 0.8 | 24 |
| | 1728 | 3.8 | 116 |
| | 2351 | 0.6 | 18 |
| **3** M | 0605 | 4.3 | 131 |
| | 1246 | 0.7 | 21 |
| | 1822 | 4.0 | 122 |
| **4** Tu | 0050 | 0.5 | 15 |
| | 0657 | 4.4 | 134 |
| | 1337 | 0.6 | 18 |
| | 1912 | 4.2 | 128 |
| **5** W | 0145 | 0.3 | 9 |
| | 0745 | 4.6 | 140 |
| | 1424 | 0.4 | 12 |
| | 1958 | 4.4 | 134 |
| **6** Th | 0238 | 0.2 | 6 |
| | 0828 | 4.7 | 143 |
| | 1509 | 0.3 | 9 |
| | 2040 | 4.7 | 143 |
| **7** F ● | 0329 | 0.1 | 3 |
| | 0908 | 4.8 | 146 |
| | 1553 | 0.2 | 6 |
| | 2120 | 4.9 | 149 |
| **8** Sa | 0419 | 0.0 | 0 |
| | 0947 | 4.8 | 146 |
| | 1635 | 0.1 | 3 |
| | 2200 | 5.0 | 152 |
| **9** Su | 0508 | 0.0 | 0 |
| | 1028 | 4.7 | 143 |
| | 1718 | 0.1 | 3 |
| | 2242 | 5.1 | 155 |
| **10** M | 0558 | 0.1 | 3 |
| | 1113 | 4.6 | 140 |
| | 1802 | 0.1 | 3 |
| | 2331 | 5.1 | 155 |
| **11** Tu | 0650 | 0.2 | 6 |
| | 1206 | 4.4 | 134 |
| | 1849 | 0.2 | 6 |
| **12** W | 0029 | 5.0 | 152 |
| | 0745 | 0.4 | 12 |
| | 1307 | 4.3 | 131 |
| | 1941 | 0.3 | 9 |
| **13** Th | 0135 | 4.9 | 149 |
| | 0846 | 0.5 | 15 |
| | 1412 | 4.1 | 125 |
| | 2043 | 0.4 | 12 |
| **14** F ◐ | 0245 | 4.7 | 143 |
| | 0949 | 0.6 | 18 |
| | 1517 | 4.1 | 125 |
| | 2151 | 0.5 | 15 |
| **15** Sa | 0353 | 4.6 | 140 |
| | 1052 | 0.6 | 18 |
| | 1622 | 4.1 | 125 |
| | 2258 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0459 | 4.6 | 140 |
| | 1152 | 0.4 | 12 |
| | 1725 | 4.3 | 131 |
| **17** M | 0001 | 0.3 | 9 |
| | 0601 | 4.6 | 140 |
| | 1247 | 0.3 | 9 |
| | 1825 | 4.4 | 134 |
| **18** Tu | 0100 | 0.2 | 6 |
| | 0657 | 4.7 | 143 |
| | 1339 | 0.2 | 6 |
| | 1920 | 4.7 | 143 |
| **19** W | 0155 | 0.1 | 3 |
| | 0748 | 4.8 | 146 |
| | 1427 | 0.1 | 3 |
| | 2010 | 4.9 | 149 |
| **20** Th | 0246 | 0.0 | 0 |
| | 0833 | 4.8 | 146 |
| | 1512 | 0.0 | 0 |
| | 2057 | 5.0 | 152 |
| **21** F ○ | 0334 | 0.0 | 0 |
| | 0915 | 4.7 | 143 |
| | 1554 | 0.1 | 3 |
| | 2140 | 5.1 | 155 |
| **22** Sa | 0419 | 0.1 | 3 |
| | 0956 | 4.6 | 140 |
| | 1633 | 0.2 | 6 |
| | 2220 | 5.0 | 152 |
| **23** Su | 0501 | 0.2 | 6 |
| | 1035 | 4.5 | 137 |
| | 1709 | 0.3 | 9 |
| | 2259 | 5.0 | 152 |
| **24** M | 0541 | 0.3 | 9 |
| | 1114 | 4.3 | 131 |
| | 1741 | 0.4 | 12 |
| | 2337 | 4.8 | 146 |
| **25** Tu | 0620 | 0.4 | 12 |
| | 1154 | 4.2 | 128 |
| | 1809 | 0.5 | 15 |
| **26** W | 0013 | 4.7 | 143 |
| | 0658 | 0.6 | 18 |
| | 1234 | 4.0 | 122 |
| | 1836 | 0.6 | 18 |
| **27** Th | 0050 | 4.5 | 137 |
| | 0737 | 0.7 | 21 |
| | 1316 | 3.9 | 119 |
| | 1907 | 0.7 | 21 |
| **28** F | 0128 | 4.4 | 134 |
| | 0821 | 0.8 | 24 |
| | 1401 | 3.8 | 116 |
| | 1949 | 0.7 | 21 |
| **29** Sa ◑ | 0215 | 4.3 | 131 |
| | 0912 | 0.9 | 27 |
| | 1451 | 3.8 | 116 |
| | 2044 | 0.8 | 24 |
| **30** Su | 0311 | 4.2 | 128 |
| | 1011 | 0.9 | 27 |
| | 1546 | 3.8 | 116 |
| | 2156 | 0.8 | 24 |
| **31** M | 0412 | 4.2 | 128 |
| | 1109 | 0.9 | 27 |
| | 1643 | 3.9 | 119 |
| | 2311 | 0.8 | 24 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Wilmington, North Carolina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0513 | 4.3 | 131 |
| | 1204 | 0.7 | 21 |
| | 1740 | 4.1 | 125 |
| **2** W | 0018 | 0.6 | 18 |
| | 0610 | 4.4 | 134 |
| | 1256 | 0.6 | 18 |
| | 1834 | 4.4 | 134 |
| **3** Th | 0118 | 0.5 | 15 |
| | 0702 | 4.5 | 137 |
| | 1346 | 0.4 | 12 |
| | 1925 | 4.7 | 143 |
| **4** F | 0215 | 0.3 | 9 |
| | 0751 | 4.6 | 140 |
| | 1434 | 0.3 | 9 |
| | 2012 | 5.0 | 152 |
| **5** Sa ● | 0310 | 0.2 | 6 |
| | 0837 | 4.7 | 143 |
| | 1521 | 0.1 | 3 |
| | 2057 | 5.3 | 162 |
| **6** Su | 0403 | 0.1 | 3 |
| | 0923 | 4.7 | 143 |
| | 1608 | 0.1 | 3 |
| | 2143 | 5.4 | 165 |
| **7** M | 0455 | 0.1 | 3 |
| | 1010 | 4.6 | 140 |
| | 1655 | 0.1 | 3 |
| | 2231 | 5.4 | 165 |
| **8** Tu | 0546 | 0.1 | 3 |
| | 1102 | 4.5 | 137 |
| | 1743 | 0.1 | 3 |
| | 2325 | 5.3 | 162 |
| **9** W | 0639 | 0.2 | 6 |
| | 1200 | 4.4 | 134 |
| | 1834 | 0.2 | 6 |
| **10** Th | 0026 | 5.2 | 158 |
| | 0734 | 0.3 | 9 |
| | 1303 | 4.3 | 131 |
| | 1930 | 0.3 | 9 |
| **11** F | 0132 | 5.0 | 152 |
| | 0831 | 0.4 | 12 |
| | 1407 | 4.2 | 128 |
| | 2031 | 0.4 | 12 |
| **12** Sa ◐ | 0237 | 4.8 | 146 |
| | 0931 | 0.5 | 15 |
| | 1509 | 4.2 | 128 |
| | 2136 | 0.5 | 15 |
| **13** Su | 0340 | 4.7 | 143 |
| | 1030 | 0.4 | 12 |
| | 1610 | 4.3 | 131 |
| | 2241 | 0.5 | 15 |
| **14** M | 0439 | 4.6 | 140 |
| | 1127 | 0.3 | 9 |
| | 1709 | 4.4 | 134 |
| | 2342 | 0.4 | 12 |
| **15** Tu | 0535 | 4.5 | 137 |
| | 1220 | 0.2 | 6 |
| | 1806 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0039 | 0.3 | 9 |
| | 0628 | 4.5 | 137 |
| | 1309 | 0.1 | 3 |
| | 1858 | 4.8 | 146 |
| **17** Th | 0133 | 0.2 | 6 |
| | 0717 | 4.5 | 137 |
| | 1355 | 0.0 | 0 |
| | 1947 | 5.0 | 152 |
| **18** F | 0223 | 0.2 | 6 |
| | 0802 | 4.5 | 137 |
| | 1439 | 0.0 | 0 |
| | 2031 | 5.1 | 155 |
| **19** Sa | 0310 | 0.2 | 6 |
| | 0845 | 4.5 | 137 |
| | 1520 | 0.1 | 3 |
| | 2113 | 5.1 | 155 |
| **20** Su ○ | 0355 | 0.2 | 6 |
| | 0926 | 4.4 | 134 |
| | 1558 | 0.2 | 6 |
| | 2152 | 5.1 | 155 |
| **21** M | 0437 | 0.2 | 6 |
| | 1006 | 4.3 | 131 |
| | 1634 | 0.4 | 12 |
| | 2229 | 5.0 | 152 |
| **22** Tu | 0516 | 0.3 | 9 |
| | 1044 | 4.1 | 125 |
| | 1705 | 0.5 | 15 |
| | 2303 | 4.8 | 146 |
| **23** W | 0554 | 0.4 | 12 |
| | 1121 | 4.0 | 122 |
| | 1734 | 0.6 | 18 |
| | 2333 | 4.7 | 143 |
| **24** Th | 0631 | 0.6 | 18 |
| | 1156 | 3.9 | 119 |
| | 1802 | 0.6 | 18 |
| | 2358 | 4.6 | 140 |
| **25** F | 0708 | 0.6 | 18 |
| | 1230 | 3.8 | 116 |
| | 1835 | 0.6 | 18 |
| **26** Sa | 0027 | 4.5 | 137 |
| | 0747 | 0.7 | 21 |
| | 1309 | 3.8 | 116 |
| | 1917 | 0.6 | 18 |
| **27** Su | 0111 | 4.4 | 134 |
| | 0832 | 0.7 | 21 |
| | 1358 | 3.8 | 116 |
| | 2009 | 0.7 | 21 |
| **28** M ◑ | 0206 | 4.3 | 131 |
| | 0925 | 0.7 | 21 |
| | 1455 | 3.9 | 119 |
| | 2117 | 0.8 | 24 |
| **29** Tu | 0309 | 4.3 | 131 |
| | 1022 | 0.6 | 18 |
| | 1556 | 4.0 | 122 |
| | 2235 | 0.7 | 21 |
| **30** W | 0414 | 4.3 | 131 |
| | 1119 | 0.5 | 15 |
| | 1657 | 4.3 | 131 |
| | 2348 | 0.6 | 18 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0518 | 4.3 | 131 |
| | 1213 | 0.4 | 12 |
| | 1756 | 4.6 | 140 |
| **2** F | 0053 | 0.5 | 15 |
| | 0618 | 4.3 | 131 |
| | 1306 | 0.2 | 6 |
| | 1852 | 4.9 | 149 |
| **3** Sa | 0153 | 0.3 | 9 |
| | 0714 | 4.4 | 134 |
| | 1359 | 0.1 | 3 |
| | 1945 | 5.2 | 158 |
| **4** Su | 0251 | 0.2 | 6 |
| | 0808 | 4.4 | 134 |
| | 1451 | 0.0 | 0 |
| | 2036 | 5.4 | 165 |
| **5** M ● | 0346 | 0.1 | 3 |
| | 0900 | 4.4 | 134 |
| | 1543 | −0.1 | −3 |
| | 2127 | 5.5 | 168 |
| **6** Tu | 0440 | 0.0 | 0 |
| | 0953 | 4.4 | 134 |
| | 1635 | −0.1 | −3 |
| | 2221 | 5.4 | 165 |
| **7** W | 0533 | 0.0 | 0 |
| | 1050 | 4.3 | 131 |
| | 1727 | 0.0 | 0 |
| | 2319 | 5.3 | 162 |
| **8** Th | 0625 | 0.0 | 0 |
| | 1151 | 4.2 | 128 |
| | 1821 | 0.1 | 3 |
| **9** F | 0021 | 5.1 | 155 |
| | 0718 | 0.1 | 3 |
| | 1254 | 4.2 | 128 |
| | 1917 | 0.2 | 6 |
| **10** Sa | 0123 | 4.9 | 149 |
| | 0813 | 0.1 | 3 |
| | 1356 | 4.2 | 128 |
| | 2016 | 0.3 | 9 |
| **11** Su ◐ | 0222 | 4.7 | 143 |
| | 0908 | 0.1 | 3 |
| | 1455 | 4.2 | 128 |
| | 2117 | 0.4 | 12 |
| **12** M | 0318 | 4.6 | 140 |
| | 1003 | 0.1 | 3 |
| | 1552 | 4.3 | 131 |
| | 2219 | 0.4 | 12 |
| **13** Tu | 0411 | 4.4 | 134 |
| | 1056 | 0.0 | 0 |
| | 1647 | 4.5 | 137 |
| | 2318 | 0.4 | 12 |
| **14** W | 0503 | 4.3 | 131 |
| | 1147 | −0.1 | −3 |
| | 1740 | 4.6 | 140 |
| **15** Th | 0014 | 0.3 | 9 |
| | 0553 | 4.2 | 128 |
| | 1234 | −0.1 | −3 |
| | 1831 | 4.8 | 146 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0106 | 0.3 | 9 |
| | 0642 | 4.2 | 128 |
| | 1320 | −0.1 | −3 |
| | 1919 | 4.9 | 149 |
| **17** Sa | 0156 | 0.2 | 6 |
| | 0729 | 4.1 | 125 |
| | 1403 | 0.0 | 0 |
| | 2004 | 5.0 | 152 |
| **18** Su | 0244 | 0.2 | 6 |
| | 0814 | 4.1 | 125 |
| | 1445 | 0.1 | 3 |
| | 2046 | 5.0 | 152 |
| **19** M ○ | 0329 | 0.2 | 6 |
| | 0857 | 4.0 | 122 |
| | 1524 | 0.2 | 6 |
| | 2125 | 4.9 | 149 |
| **20** Tu | 0411 | 0.2 | 6 |
| | 0938 | 3.9 | 119 |
| | 1601 | 0.3 | 9 |
| | 2202 | 4.8 | 146 |
| **21** W | 0452 | 0.3 | 9 |
| | 1016 | 3.8 | 116 |
| | 1636 | 0.4 | 12 |
| | 2236 | 4.7 | 143 |
| **22** Th | 0530 | 0.4 | 12 |
| | 1051 | 3.8 | 116 |
| | 1708 | 0.4 | 12 |
| | 2303 | 4.6 | 140 |
| **23** F | 0607 | 0.4 | 12 |
| | 1121 | 3.7 | 113 |
| | 1740 | 0.4 | 12 |
| | 2323 | 4.5 | 137 |
| **24** Sa | 0643 | 0.4 | 12 |
| | 1149 | 3.7 | 113 |
| | 1815 | 0.4 | 12 |
| | 2353 | 4.5 | 137 |
| **25** Su | 0719 | 0.4 | 12 |
| | 1226 | 3.7 | 113 |
| | 1856 | 0.5 | 15 |
| **26** M | 0036 | 4.4 | 134 |
| | 0759 | 0.4 | 12 |
| | 1315 | 3.8 | 116 |
| | 1947 | 0.5 | 15 |
| **27** Tu ◑ | 0128 | 4.4 | 134 |
| | 0845 | 0.3 | 9 |
| | 1413 | 3.9 | 119 |
| | 2052 | 0.6 | 18 |
| **28** W | 0227 | 4.3 | 131 |
| | 0938 | 0.3 | 9 |
| | 1515 | 4.1 | 125 |
| | 2209 | 0.6 | 18 |
| **29** Th | 0329 | 4.2 | 128 |
| | 1034 | 0.2 | 6 |
| | 1618 | 4.4 | 134 |
| | 2323 | 0.6 | 18 |
| **30** F | 0434 | 4.1 | 125 |
| | 1132 | 0.1 | 3 |
| | 1721 | 4.6 | 140 |
| **31** Sa | 0030 | 0.4 | 12 |
| | 0540 | 4.1 | 125 |
| | 1231 | 0.0 | 0 |
| | 1823 | 4.9 | 149 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0133 | 0.3 | 9 |
| | 0643 | 4.1 | 125 |
| | 1329 | −0.1 | −3 |
| | 1922 | 5.1 | 155 |
| **2** M | 0233 | 0.1 | 3 |
| | 0743 | 4.1 | 125 |
| | 1426 | −0.2 | −6 |
| | 2019 | 5.3 | 162 |
| **3** Tu ● | 0329 | 0.0 | 0 |
| | 0841 | 4.1 | 125 |
| | 1523 | −0.2 | −6 |
| | 2115 | 5.3 | 162 |
| **4** W | 0424 | −0.1 | −3 |
| | 0938 | 4.1 | 125 |
| | 1619 | −0.3 | −9 |
| | 2212 | 5.2 | 158 |
| **5** Th | 0516 | −0.1 | −3 |
| | 1037 | 4.1 | 125 |
| | 1713 | −0.2 | −6 |
| | 2309 | 5.1 | 155 |
| **6** F | 0607 | −0.2 | −6 |
| | 1137 | 4.1 | 125 |
| | 1806 | −0.1 | −3 |
| **7** Sa | 0007 | 4.9 | 149 |
| | 0658 | −0.2 | −6 |
| | 1239 | 4.1 | 125 |
| | 1900 | 0.0 | 0 |
| **8** Su | 0104 | 4.8 | 146 |
| | 0748 | −0.1 | −3 |
| | 1338 | 4.2 | 128 |
| | 1956 | 0.2 | 6 |
| **9** M | 0157 | 4.6 | 140 |
| | 0839 | −0.1 | −3 |
| | 1434 | 4.2 | 128 |
| | 2053 | 0.3 | 9 |
| **10** Tu ◐ | 0248 | 4.4 | 134 |
| | 0930 | −0.1 | −3 |
| | 1527 | 4.3 | 131 |
| | 2152 | 0.4 | 12 |
| **11** W | 0338 | 4.2 | 128 |
| | 1020 | −0.2 | −6 |
| | 1619 | 4.4 | 134 |
| | 2249 | 0.4 | 12 |
| **12** Th | 0427 | 4.0 | 122 |
| | 1109 | −0.2 | −6 |
| | 1710 | 4.5 | 137 |
| | 2344 | 0.3 | 9 |
| **13** F | 0517 | 3.9 | 119 |
| | 1156 | −0.1 | −3 |
| | 1759 | 4.6 | 140 |
| **14** Sa | 0037 | 0.3 | 9 |
| | 0607 | 3.9 | 119 |
| | 1242 | −0.1 | −3 |
| | 1848 | 4.7 | 143 |
| **15** Su | 0127 | 0.2 | 6 |
| | 0656 | 3.8 | 116 |
| | 1326 | −0.1 | −3 |
| | 1934 | 4.7 | 143 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0215 | 0.2 | 6 |
| | 0744 | 3.8 | 116 |
| | 1410 | 0.0 | 0 |
| | 2019 | 4.7 | 143 |
| **17** Tu | 0301 | 0.2 | 6 |
| | 0829 | 3.8 | 116 |
| | 1452 | 0.1 | 3 |
| | 2100 | 4.7 | 143 |
| **18** W ○ | 0344 | 0.2 | 6 |
| | 0911 | 3.7 | 113 |
| | 1533 | 0.1 | 3 |
| | 2139 | 4.6 | 140 |
| **19** Th | 0426 | 0.2 | 6 |
| | 0950 | 3.7 | 113 |
| | 1611 | 0.2 | 6 |
| | 2213 | 4.6 | 140 |
| **20** F | 0505 | 0.2 | 6 |
| | 1024 | 3.6 | 110 |
| | 1648 | 0.2 | 6 |
| | 2241 | 4.5 | 137 |
| **21** Sa | 0542 | 0.2 | 6 |
| | 1052 | 3.6 | 110 |
| | 1724 | 0.2 | 6 |
| | 2301 | 4.5 | 137 |
| **22** Su | 0618 | 0.2 | 6 |
| | 1118 | 3.7 | 113 |
| | 1802 | 0.3 | 9 |
| | 2330 | 4.5 | 137 |
| **23** M | 0653 | 0.2 | 6 |
| | 1156 | 3.8 | 116 |
| | 1845 | 0.3 | 9 |
| **24** Tu | 0011 | 4.4 | 134 |
| | 0730 | 0.1 | 3 |
| | 1245 | 3.9 | 119 |
| | 1935 | 0.4 | 12 |
| **25** W | 0101 | 4.3 | 131 |
| | 0812 | 0.0 | 0 |
| | 1342 | 4.1 | 125 |
| | 2037 | 0.5 | 15 |
| **26** Th ◑ | 0158 | 4.2 | 128 |
| | 0901 | 0.0 | 0 |
| | 1444 | 4.3 | 131 |
| | 2151 | 0.5 | 15 |
| **27** F | 0259 | 4.1 | 125 |
| | 0958 | −0.1 | −3 |
| | 1548 | 4.4 | 134 |
| | 2304 | 0.5 | 15 |
| **28** Sa | 0405 | 4.0 | 122 |
| | 1101 | −0.1 | −3 |
| | 1655 | 4.6 | 140 |
| **29** Su | 0012 | 0.4 | 12 |
| | 0514 | 3.9 | 119 |
| | 1204 | −0.2 | −6 |
| | 1802 | 4.8 | 146 |
| **30** M | 0115 | 0.3 | 9 |
| | 0622 | 3.9 | 119 |
| | 1307 | −0.2 | −6 |
| | 1906 | 4.9 | 149 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Wilmington, North Carolina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0215 | 0.1 | 3 |
| | 0726 | 3.9 | 119 |
| | 1408 | −0.3 | −9 |
| | 2007 | 5.1 | 155 |
| **2** W ● | 0311 | 0.0 | 0 |
| | 0826 | 4.0 | 122 |
| | 1507 | −0.3 | −9 |
| | 2104 | 5.1 | 155 |
| **3** Th | 0405 | −0.1 | −3 |
| | 0924 | 4.1 | 125 |
| | 1603 | −0.4 | −12 |
| | 2159 | 5.1 | 155 |
| **4** F | 0456 | −0.2 | −6 |
| | 1021 | 4.1 | 125 |
| | 1657 | −0.3 | −9 |
| | 2253 | 5.0 | 152 |
| **5** Sa | 0545 | −0.3 | −9 |
| | 1119 | 4.2 | 128 |
| | 1749 | −0.2 | −6 |
| | 2345 | 4.8 | 146 |
| **6** Su | 0632 | −0.3 | −9 |
| | 1216 | 4.2 | 128 |
| | 1840 | −0.1 | −3 |
| **7** M | 0036 | 4.6 | 140 |
| | 0719 | −0.3 | −9 |
| | 1312 | 4.2 | 128 |
| | 1931 | 0.1 | 3 |
| **8** Tu | 0125 | 4.4 | 134 |
| | 0805 | −0.2 | −6 |
| | 1405 | 4.3 | 131 |
| | 2025 | 0.3 | 9 |
| **9** W ◐ | 0214 | 4.2 | 128 |
| | 0851 | −0.1 | −3 |
| | 1455 | 4.3 | 131 |
| | 2120 | 0.4 | 12 |
| **10** Th | 0302 | 4.0 | 122 |
| | 0938 | −0.1 | −3 |
| | 1545 | 4.3 | 131 |
| | 2215 | 0.5 | 15 |
| **11** F | 0351 | 3.9 | 119 |
| | 1026 | 0.0 | 0 |
| | 1635 | 4.4 | 134 |
| | 2310 | 0.4 | 12 |
| **12** Sa | 0441 | 3.7 | 113 |
| | 1114 | 0.0 | 0 |
| | 1725 | 4.4 | 134 |
| **13** Su | 0003 | 0.4 | 12 |
| | 0532 | 3.7 | 113 |
| | 1202 | 0.0 | 0 |
| | 1815 | 4.4 | 134 |
| **14** M | 0054 | 0.4 | 12 |
| | 0624 | 3.7 | 113 |
| | 1250 | 0.0 | 0 |
| | 1904 | 4.5 | 137 |
| **15** Tu | 0143 | 0.3 | 9 |
| | 0713 | 3.7 | 113 |
| | 1336 | 0.1 | 3 |
| | 1951 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0230 | 0.3 | 9 |
| | 0800 | 3.7 | 113 |
| | 1422 | 0.1 | 3 |
| | 2034 | 4.6 | 140 |
| **17** Th | 0315 | 0.2 | 6 |
| | 0843 | 3.7 | 113 |
| | 1506 | 0.1 | 3 |
| | 2114 | 4.6 | 140 |
| **18** F ○ | 0357 | 0.2 | 6 |
| | 0923 | 3.8 | 116 |
| | 1549 | 0.1 | 3 |
| | 2149 | 4.6 | 140 |
| **19** Sa | 0437 | 0.2 | 6 |
| | 0957 | 3.8 | 116 |
| | 1630 | 0.1 | 3 |
| | 2217 | 4.6 | 140 |
| **20** Su | 0514 | 0.2 | 6 |
| | 1025 | 3.9 | 119 |
| | 1710 | 0.2 | 6 |
| | 2241 | 4.6 | 140 |
| **21** M | 0550 | 0.1 | 3 |
| | 1054 | 4.0 | 122 |
| | 1752 | 0.2 | 6 |
| | 2310 | 4.5 | 137 |
| **22** Tu | 0626 | 0.0 | 0 |
| | 1132 | 4.1 | 125 |
| | 1837 | 0.3 | 9 |
| | 2351 | 4.4 | 134 |
| **23** W | 0702 | 0.0 | 0 |
| | 1220 | 4.3 | 131 |
| | 1929 | 0.4 | 12 |
| **24** Th | 0040 | 4.3 | 131 |
| | 0744 | 0.0 | 0 |
| | 1317 | 4.4 | 134 |
| | 2030 | 0.5 | 15 |
| **25** F ◑ | 0137 | 4.2 | 128 |
| | 0833 | 0.0 | 0 |
| | 1421 | 4.5 | 137 |
| | 2139 | 0.6 | 18 |
| **26** Sa | 0241 | 4.0 | 122 |
| | 0934 | 0.0 | 0 |
| | 1530 | 4.5 | 137 |
| | 2250 | 0.6 | 18 |
| **27** Su | 0351 | 3.9 | 119 |
| | 1041 | 0.0 | 0 |
| | 1641 | 4.6 | 140 |
| | 2356 | 0.5 | 15 |
| **28** M | 0501 | 3.8 | 116 |
| | 1149 | −0.1 | −3 |
| | 1751 | 4.7 | 143 |
| **29** Tu | 0058 | 0.4 | 12 |
| | 0610 | 3.9 | 119 |
| | 1254 | −0.2 | −6 |
| | 1856 | 4.9 | 149 |
| **30** W | 0156 | 0.2 | 6 |
| | 0714 | 4.0 | 122 |
| | 1355 | −0.2 | −6 |
| | 1956 | 5.0 | 152 |
| **31** Th | 0251 | 0.0 | 0 |
| | 0813 | 4.2 | 128 |
| | 1453 | −0.3 | −9 |
| | 2051 | 5.0 | 152 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0343 | −0.1 | −3 |
| | 0909 | 4.3 | 131 |
| | 1547 | −0.3 | −9 |
| | 2141 | 5.0 | 152 |
| **2** Sa | 0432 | −0.2 | −6 |
| | 1003 | 4.4 | 134 |
| | 1639 | −0.2 | −6 |
| | 2229 | 4.9 | 149 |
| **3** Su | 0518 | −0.2 | −6 |
| | 1056 | 4.4 | 134 |
| | 1728 | −0.1 | −3 |
| | 2316 | 4.8 | 146 |
| **4** M | 0602 | −0.2 | −6 |
| | 1148 | 4.5 | 137 |
| | 1816 | 0.1 | 3 |
| **5** Tu | 0002 | 4.6 | 140 |
| | 0644 | −0.1 | −3 |
| | 1239 | 4.4 | 134 |
| | 1904 | 0.3 | 9 |
| **6** W | 0049 | 4.3 | 131 |
| | 0726 | 0.0 | 0 |
| | 1329 | 4.4 | 134 |
| | 1953 | 0.4 | 12 |
| **7** Th | 0136 | 4.1 | 125 |
| | 0807 | 0.1 | 3 |
| | 1418 | 4.4 | 134 |
| | 2044 | 0.6 | 18 |
| **8** F ◐ | 0225 | 4.0 | 122 |
| | 0851 | 0.2 | 6 |
| | 1507 | 4.3 | 131 |
| | 2138 | 0.7 | 21 |
| **9** Sa | 0314 | 3.8 | 116 |
| | 0938 | 0.3 | 9 |
| | 1557 | 4.3 | 131 |
| | 2233 | 0.7 | 21 |
| **10** Su | 0405 | 3.7 | 113 |
| | 1028 | 0.3 | 9 |
| | 1648 | 4.3 | 131 |
| | 2327 | 0.7 | 21 |
| **11** M | 0458 | 3.7 | 113 |
| | 1121 | 0.3 | 9 |
| | 1740 | 4.3 | 131 |
| **12** Tu | 0019 | 0.6 | 18 |
| | 0550 | 3.7 | 113 |
| | 1213 | 0.3 | 9 |
| | 1831 | 4.4 | 134 |
| **13** W | 0109 | 0.5 | 15 |
| | 0642 | 3.8 | 116 |
| | 1303 | 0.2 | 6 |
| | 1920 | 4.5 | 137 |
| **14** Th | 0156 | 0.5 | 15 |
| | 0730 | 3.9 | 119 |
| | 1352 | 0.2 | 6 |
| | 2004 | 4.6 | 140 |
| **15** F | 0241 | 0.4 | 12 |
| | 0814 | 4.0 | 122 |
| | 1440 | 0.2 | 6 |
| | 2044 | 4.7 | 143 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0324 | 0.3 | 9 |
| | 0854 | 4.1 | 125 |
| | 1526 | 0.2 | 6 |
| | 2119 | 4.7 | 143 |
| **17** Su | 0405 | 0.2 | 6 |
| | 0929 | 4.2 | 128 |
| | 1611 | 0.2 | 6 |
| | 2150 | 4.7 | 143 |
| **18** M | 0443 | 0.2 | 6 |
| | 1000 | 4.4 | 134 |
| | 1656 | 0.2 | 6 |
| | 2219 | 4.7 | 143 |
| **19** Tu | 0521 | 0.1 | 3 |
| | 1032 | 4.5 | 137 |
| | 1742 | 0.3 | 9 |
| | 2252 | 4.6 | 140 |
| **20** W | 0558 | 0.1 | 3 |
| | 1111 | 4.6 | 140 |
| | 1830 | 0.4 | 12 |
| | 2334 | 4.5 | 137 |
| **21** Th | 0638 | 0.0 | 0 |
| | 1200 | 4.7 | 143 |
| | 1923 | 0.5 | 15 |
| **22** F | 0025 | 4.3 | 131 |
| | 0723 | 0.1 | 3 |
| | 1300 | 4.7 | 143 |
| | 2023 | 0.7 | 21 |
| **23** Sa ◑ | 0127 | 4.2 | 128 |
| | 0816 | 0.1 | 3 |
| | 1410 | 4.7 | 143 |
| | 2129 | 0.7 | 21 |
| **24** Su | 0236 | 4.0 | 122 |
| | 0921 | 0.2 | 6 |
| | 1524 | 4.6 | 140 |
| | 2237 | 0.7 | 21 |
| **25** M | 0347 | 4.0 | 122 |
| | 1032 | 0.2 | 6 |
| | 1635 | 4.7 | 143 |
| | 2341 | 0.6 | 18 |
| **26** Tu | 0456 | 4.0 | 122 |
| | 1139 | 0.1 | 3 |
| | 1743 | 4.8 | 146 |
| **27** W | 0040 | 0.4 | 12 |
| | 0602 | 4.1 | 125 |
| | 1242 | 0.0 | 0 |
| | 1845 | 4.9 | 149 |
| **28** Th | 0136 | 0.2 | 6 |
| | 0703 | 4.3 | 131 |
| | 1341 | −0.1 | −3 |
| | 1941 | 5.0 | 152 |
| **29** F | 0229 | 0.1 | 3 |
| | 0800 | 4.5 | 137 |
| | 1437 | −0.1 | −3 |
| | 2031 | 5.0 | 152 |
| **30** Sa ● | 0318 | −0.1 | −3 |
| | 0853 | 4.7 | 143 |
| | 1529 | −0.1 | −3 |
| | 2117 | 5.0 | 152 |
| **31** Su | 0404 | −0.1 | −3 |
| | 0942 | 4.8 | 146 |
| | 1619 | 0.0 | 0 |
| | 2201 | 4.9 | 149 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0448 | −0.1 | −3 |
| | 1029 | 4.8 | 146 |
| | 1706 | 0.1 | 3 |
| | 2244 | 4.7 | 143 |
| **2** Tu | 0529 | 0.0 | 0 |
| | 1115 | 4.8 | 146 |
| | 1751 | 0.3 | 9 |
| | 2327 | 4.5 | 137 |
| **3** W | 0607 | 0.1 | 3 |
| | 1201 | 4.7 | 143 |
| | 1836 | 0.4 | 12 |
| **4** Th | 0011 | 4.3 | 131 |
| | 0644 | 0.3 | 9 |
| | 1248 | 4.6 | 140 |
| | 1920 | 0.6 | 18 |
| **5** F | 0058 | 4.1 | 125 |
| | 0720 | 0.4 | 12 |
| | 1336 | 4.5 | 137 |
| | 2007 | 0.8 | 24 |
| **6** Sa | 0146 | 3.9 | 119 |
| | 0758 | 0.5 | 15 |
| | 1425 | 4.4 | 134 |
| | 2057 | 0.9 | 27 |
| **7** Su ◐ | 0236 | 3.8 | 116 |
| | 0842 | 0.6 | 18 |
| | 1516 | 4.3 | 131 |
| | 2151 | 0.9 | 27 |
| **8** M | 0328 | 3.8 | 116 |
| | 0936 | 0.6 | 18 |
| | 1608 | 4.3 | 131 |
| | 2246 | 0.9 | 27 |
| **9** Tu | 0421 | 3.8 | 116 |
| | 1036 | 0.6 | 18 |
| | 1701 | 4.3 | 131 |
| | 2340 | 0.9 | 27 |
| **10** W | 0515 | 3.8 | 116 |
| | 1134 | 0.5 | 15 |
| | 1754 | 4.4 | 134 |
| **11** Th | 0031 | 0.7 | 21 |
| | 0607 | 3.9 | 119 |
| | 1230 | 0.5 | 15 |
| | 1843 | 4.5 | 137 |
| **12** F | 0118 | 0.6 | 18 |
| | 0657 | 4.1 | 125 |
| | 1323 | 0.4 | 12 |
| | 1928 | 4.7 | 143 |
| **13** Sa | 0204 | 0.5 | 15 |
| | 0742 | 4.3 | 131 |
| | 1414 | 0.3 | 9 |
| | 2009 | 4.8 | 146 |
| **14** Su | 0248 | 0.3 | 9 |
| | 0823 | 4.5 | 137 |
| | 1504 | 0.2 | 6 |
| | 2046 | 4.8 | 146 |
| **15** M ○ | 0330 | 0.2 | 6 |
| | 0900 | 4.7 | 143 |
| | 1553 | 0.2 | 6 |
| | 2121 | 4.8 | 146 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0411 | 0.2 | 6 |
| | 0935 | 4.9 | 149 |
| | 1641 | 0.3 | 9 |
| | 2156 | 4.8 | 146 |
| **17** W | 0452 | 0.1 | 3 |
| | 1012 | 5.0 | 152 |
| | 1730 | 0.3 | 9 |
| | 2235 | 4.6 | 140 |
| **18** Th | 0534 | 0.1 | 3 |
| | 1055 | 5.0 | 152 |
| | 1821 | 0.4 | 12 |
| | 2321 | 4.5 | 137 |
| **19** F | 0618 | 0.1 | 3 |
| | 1148 | 5.0 | 152 |
| | 1915 | 0.6 | 18 |
| **20** Sa | 0018 | 4.3 | 131 |
| | 0708 | 0.2 | 6 |
| | 1254 | 4.9 | 149 |
| | 2014 | 0.7 | 21 |
| **21** Su | 0127 | 4.2 | 128 |
| | 0807 | 0.3 | 9 |
| | 1409 | 4.8 | 146 |
| | 2118 | 0.8 | 24 |
| **22** M ◑ | 0238 | 4.1 | 125 |
| | 0914 | 0.4 | 12 |
| | 1521 | 4.7 | 143 |
| | 2222 | 0.7 | 21 |
| **23** Tu | 0346 | 4.1 | 125 |
| | 1023 | 0.4 | 12 |
| | 1628 | 4.7 | 143 |
| | 2323 | 0.6 | 18 |
| **24** W | 0451 | 4.2 | 128 |
| | 1128 | 0.3 | 9 |
| | 1730 | 4.8 | 146 |
| **25** Th | 0020 | 0.4 | 12 |
| | 0553 | 4.4 | 134 |
| | 1229 | 0.2 | 6 |
| | 1828 | 4.8 | 146 |
| **26** F | 0113 | 0.2 | 6 |
| | 0651 | 4.6 | 140 |
| | 1326 | 0.1 | 3 |
| | 1920 | 4.9 | 149 |
| **27** Sa | 0202 | 0.0 | 0 |
| | 0744 | 4.8 | 146 |
| | 1419 | 0.0 | 0 |
| | 2007 | 4.9 | 149 |
| **28** Su | 0249 | 0.0 | 0 |
| | 0833 | 5.0 | 152 |
| | 1510 | 0.1 | 3 |
| | 2050 | 4.9 | 149 |
| **29** M ● | 0333 | 0.0 | 0 |
| | 0918 | 5.1 | 155 |
| | 1557 | 0.1 | 3 |
| | 2132 | 4.8 | 146 |
| **30** Tu | 0415 | 0.1 | 3 |
| | 1001 | 5.1 | 155 |
| | 1643 | 0.2 | 6 |
| | 2213 | 4.6 | 140 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Wilmington, North Carolina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0454 | 0.2 | 6 |
| | 1043 | 5.0 | 152 |
| | 1726 | 0.4 | 12 |
| | 2254 | 4.4 | 134 |
| **2** Th | 0530 | 0.3 | 9 |
| | 1124 | 4.8 | 146 |
| | 1807 | 0.6 | 18 |
| | 2335 | 4.2 | 128 |
| **3** F | 0603 | 0.5 | 15 |
| | 1207 | 4.7 | 143 |
| | 1848 | 0.7 | 21 |
| **4** Sa | 0019 | 4.0 | 122 |
| | 0635 | 0.6 | 18 |
| | 1251 | 4.5 | 137 |
| | 1930 | 0.9 | 27 |
| **5** Su | 0105 | 3.9 | 119 |
| | 0707 | 0.7 | 21 |
| | 1339 | 4.4 | 134 |
| | 2016 | 1.0 | 30 |
| **6** M | 0154 | 3.8 | 116 |
| | 0747 | 0.7 | 21 |
| | 1430 | 4.3 | 131 |
| | 2106 | 1.0 | 30 |
| **7** Tu | 0247 | 3.7 | 113 |
| | 0840 | 0.7 | 21 |
| | 1522 | 4.2 | 128 |
| ◐ | 2201 | 1.0 | 30 |
| **8** W | 0340 | 3.8 | 116 |
| | 0946 | 0.7 | 21 |
| | 1615 | 4.3 | 131 |
| | 2256 | 0.9 | 27 |
| **9** Th | 0434 | 3.9 | 119 |
| | 1054 | 0.7 | 21 |
| | 1708 | 4.4 | 134 |
| | 2347 | 0.7 | 21 |
| **10** F | 0527 | 4.0 | 122 |
| | 1156 | 0.6 | 18 |
| | 1758 | 4.5 | 137 |
| **11** Sa | 0036 | 0.6 | 18 |
| | 0618 | 4.3 | 131 |
| | 1253 | 0.5 | 15 |
| | 1845 | 4.6 | 140 |
| **12** Su | 0123 | 0.4 | 12 |
| | 0706 | 4.6 | 140 |
| | 1348 | 0.4 | 12 |
| | 1930 | 4.7 | 143 |
| **13** M | 0209 | 0.3 | 9 |
| | 0750 | 4.8 | 146 |
| | 1442 | 0.3 | 9 |
| | 2012 | 4.7 | 143 |
| **14** Tu | 0254 | 0.1 | 3 |
| | 0832 | 5.1 | 155 |
| | 1534 | 0.2 | 6 |
| ○ | 2053 | 4.7 | 143 |
| **15** W | 0340 | 0.1 | 3 |
| | 0913 | 5.2 | 158 |
| | 1626 | 0.2 | 6 |
| | 2136 | 4.7 | 143 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0426 | 0.0 | 0 |
| | 0957 | 5.3 | 162 |
| | 1717 | 0.3 | 9 |
| | 2221 | 4.5 | 137 |
| **17** F | 0514 | 0.0 | 0 |
| | 1046 | 5.2 | 158 |
| | 1809 | 0.4 | 12 |
| | 2314 | 4.4 | 134 |
| **18** Sa | 0604 | 0.1 | 3 |
| | 1146 | 5.1 | 155 |
| | 1904 | 0.5 | 15 |
| **19** Su | 0017 | 4.2 | 128 |
| | 0658 | 0.2 | 6 |
| | 1256 | 4.9 | 149 |
| | 2001 | 0.6 | 18 |
| **20** M | 0127 | 4.1 | 125 |
| | 0758 | 0.3 | 9 |
| | 1407 | 4.8 | 146 |
| | 2101 | 0.6 | 18 |
| **21** Tu | 0234 | 4.1 | 125 |
| | 0903 | 0.4 | 12 |
| | 1512 | 4.7 | 143 |
| ◑ | 2202 | 0.5 | 15 |
| **22** W | 0339 | 4.2 | 128 |
| | 1010 | 0.4 | 12 |
| | 1613 | 4.7 | 143 |
| | 2300 | 0.4 | 12 |
| **23** Th | 0440 | 4.3 | 131 |
| | 1113 | 0.3 | 9 |
| | 1710 | 4.6 | 140 |
| | 2355 | 0.2 | 6 |
| **24** F | 0538 | 4.5 | 137 |
| | 1212 | 0.2 | 6 |
| | 1803 | 4.6 | 140 |
| **25** Sa | 0045 | 0.0 | 0 |
| | 0633 | 4.7 | 143 |
| | 1307 | 0.1 | 3 |
| | 1853 | 4.7 | 143 |
| **26** Su | 0133 | −0.1 | −3 |
| | 0724 | 4.9 | 149 |
| | 1359 | 0.1 | 3 |
| | 1939 | 4.6 | 140 |
| **27** M | 0218 | −0.1 | −3 |
| | 0810 | 5.0 | 152 |
| | 1448 | 0.1 | 3 |
| | 2023 | 4.6 | 140 |
| **28** Tu | 0302 | 0.0 | 0 |
| | 0854 | 5.1 | 155 |
| | 1534 | 0.1 | 3 |
| ● | 2105 | 4.5 | 137 |
| **29** W | 0342 | 0.1 | 3 |
| | 0935 | 5.0 | 152 |
| | 1618 | 0.2 | 6 |
| | 2145 | 4.4 | 134 |
| **30** Th | 0420 | 0.2 | 6 |
| | 1014 | 4.9 | 149 |
| | 1700 | 0.4 | 12 |
| | 2224 | 4.2 | 128 |
| **31** F | 0456 | 0.3 | 9 |
| | 1052 | 4.8 | 146 |
| | 1740 | 0.5 | 15 |
| | 2303 | 4.1 | 125 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0528 | 0.4 | 12 |
| | 1130 | 4.6 | 140 |
| | 1819 | 0.6 | 18 |
| | 2342 | 3.9 | 119 |
| **2** Su | 0558 | 0.5 | 15 |
| | 1208 | 4.4 | 134 |
| | 1857 | 0.8 | 24 |
| **3** M | 0021 | 3.8 | 116 |
| | 0630 | 0.5 | 15 |
| | 1247 | 4.3 | 131 |
| | 1937 | 0.8 | 24 |
| **4** Tu | 0104 | 3.7 | 113 |
| | 0708 | 0.6 | 18 |
| | 1332 | 4.2 | 128 |
| | 2021 | 0.8 | 24 |
| **5** W | 0153 | 3.7 | 113 |
| | 0757 | 0.6 | 18 |
| | 1422 | 4.2 | 128 |
| ◐ | 2111 | 0.8 | 24 |
| **6** Th | 0247 | 3.7 | 113 |
| | 0859 | 0.7 | 21 |
| | 1516 | 4.2 | 128 |
| | 2205 | 0.7 | 21 |
| **7** F | 0343 | 3.9 | 119 |
| | 1012 | 0.7 | 21 |
| | 1611 | 4.2 | 128 |
| | 2258 | 0.6 | 18 |
| **8** Sa | 0439 | 4.1 | 125 |
| | 1122 | 0.6 | 18 |
| | 1705 | 4.3 | 131 |
| | 2350 | 0.4 | 12 |
| **9** Su | 0534 | 4.3 | 131 |
| | 1225 | 0.5 | 15 |
| | 1759 | 4.3 | 131 |
| **10** M | 0041 | 0.2 | 6 |
| | 0627 | 4.6 | 140 |
| | 1324 | 0.3 | 9 |
| | 1851 | 4.4 | 134 |
| **11** Tu | 0132 | 0.1 | 3 |
| | 0718 | 4.9 | 149 |
| | 1421 | 0.2 | 6 |
| | 1941 | 4.4 | 134 |
| **12** W | 0223 | 0.0 | 0 |
| | 0807 | 5.2 | 158 |
| | 1516 | 0.1 | 3 |
| | 2029 | 4.5 | 137 |
| **13** Th | 0314 | −0.1 | −3 |
| | 0857 | 5.3 | 162 |
| | 1610 | 0.1 | 3 |
| ○ | 2119 | 4.4 | 134 |
| **14** F | 0406 | −0.2 | −6 |
| | 0948 | 5.3 | 162 |
| | 1703 | 0.1 | 3 |
| | 2211 | 4.4 | 134 |
| **15** Sa | 0458 | −0.2 | −6 |
| | 1043 | 5.2 | 158 |
| | 1755 | 0.2 | 6 |
| | 2308 | 4.3 | 131 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0552 | −0.1 | −3 |
| | 1145 | 5.0 | 152 |
| | 1849 | 0.2 | 6 |
| **17** M | 0012 | 4.2 | 128 |
| | 0647 | 0.0 | 0 |
| | 1251 | 4.8 | 146 |
| | 1943 | 0.3 | 9 |
| **18** Tu | 0119 | 4.1 | 125 |
| | 0746 | 0.1 | 3 |
| | 1354 | 4.7 | 143 |
| | 2039 | 0.3 | 9 |
| **19** W | 0223 | 4.1 | 125 |
| | 0847 | 0.2 | 6 |
| | 1453 | 4.6 | 140 |
| ◑ | 2136 | 0.2 | 6 |
| **20** Th | 0323 | 4.2 | 128 |
| | 0951 | 0.3 | 9 |
| | 1548 | 4.5 | 137 |
| | 2232 | 0.1 | 3 |
| **21** F | 0421 | 4.3 | 131 |
| | 1052 | 0.3 | 9 |
| | 1641 | 4.4 | 134 |
| | 2324 | 0.0 | 0 |
| **22** Sa | 0516 | 4.5 | 137 |
| | 1150 | 0.2 | 6 |
| | 1733 | 4.3 | 131 |
| **23** Su | 0014 | −0.1 | −3 |
| | 0609 | 4.6 | 140 |
| | 1244 | 0.1 | 3 |
| | 1822 | 4.3 | 131 |
| **24** M | 0101 | −0.2 | −6 |
| | 0659 | 4.8 | 146 |
| | 1335 | 0.1 | 3 |
| | 1910 | 4.2 | 128 |
| **25** Tu | 0147 | −0.2 | −6 |
| | 0745 | 4.9 | 149 |
| | 1424 | 0.1 | 3 |
| | 1955 | 4.2 | 128 |
| **26** W | 0230 | −0.1 | −3 |
| | 0829 | 4.9 | 149 |
| | 1510 | 0.1 | 3 |
| | 2039 | 4.2 | 128 |
| **27** Th | 0312 | 0.0 | 0 |
| | 0910 | 4.8 | 146 |
| | 1554 | 0.2 | 6 |
| ● | 2120 | 4.1 | 125 |
| **28** F | 0351 | 0.1 | 3 |
| | 0950 | 4.7 | 143 |
| | 1635 | 0.2 | 6 |
| | 2200 | 4.0 | 122 |
| **29** Sa | 0427 | 0.2 | 6 |
| | 1027 | 4.6 | 140 |
| | 1714 | 0.4 | 12 |
| | 2237 | 3.9 | 119 |
| **30** Su | 0501 | 0.2 | 6 |
| | 1102 | 4.5 | 137 |
| | 1752 | 0.4 | 12 |
| | 2310 | 3.8 | 116 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0533 | 0.3 | 9 |
| | 1133 | 4.4 | 134 |
| | 1827 | 0.5 | 15 |
| | 2339 | 3.7 | 113 |
| **2** Tu | 0605 | 0.3 | 9 |
| | 1159 | 4.3 | 131 |
| | 1902 | 0.5 | 15 |
| **3** W | 0009 | 3.7 | 113 |
| | 0643 | 0.4 | 12 |
| | 1231 | 4.2 | 128 |
| | 1939 | 0.5 | 15 |
| **4** Th | 0051 | 3.7 | 113 |
| | 0728 | 0.4 | 12 |
| | 1317 | 4.2 | 128 |
| | 2021 | 0.5 | 15 |
| **5** F | 0143 | 3.8 | 116 |
| | 0824 | 0.5 | 15 |
| | 1411 | 4.1 | 125 |
| ◐ | 2110 | 0.4 | 12 |
| **6** Sa | 0243 | 3.9 | 119 |
| | 0935 | 0.5 | 15 |
| | 1510 | 4.1 | 125 |
| | 2206 | 0.3 | 9 |
| **7** Su | 0345 | 4.1 | 125 |
| | 1050 | 0.5 | 15 |
| | 1612 | 4.1 | 125 |
| | 2304 | 0.2 | 6 |
| **8** M | 0448 | 4.4 | 134 |
| | 1159 | 0.4 | 12 |
| | 1715 | 4.0 | 122 |
| **9** Tu | 0002 | 0.0 | 0 |
| | 0551 | 4.6 | 140 |
| | 1302 | 0.3 | 9 |
| | 1816 | 4.1 | 125 |
| **10** W | 0100 | −0.1 | −3 |
| | 0651 | 4.8 | 146 |
| | 1402 | 0.2 | 6 |
| | 1915 | 4.1 | 125 |
| **11** Th | 0158 | −0.2 | −6 |
| | 0749 | 5.0 | 152 |
| | 1459 | 0.1 | 3 |
| | 2011 | 4.2 | 128 |
| **12** F | 0255 | −0.3 | −9 |
| | 0845 | 5.1 | 155 |
| | 1554 | 0.0 | 0 |
| ○ | 2105 | 4.2 | 128 |
| **13** Sa | 0351 | −0.4 | −12 |
| | 0941 | 5.1 | 155 |
| | 1647 | −0.1 | −3 |
| | 2201 | 4.3 | 131 |
| **14** Su | 0445 | −0.4 | −12 |
| | 1038 | 5.1 | 155 |
| | 1738 | −0.1 | −3 |
| | 2300 | 4.2 | 128 |
| **15** M | 0539 | −0.4 | −12 |
| | 1136 | 4.9 | 149 |
| | 1829 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0001 | 4.2 | 128 |
| | 0633 | −0.2 | −6 |
| | 1235 | 4.7 | 143 |
| | 1920 | −0.1 | −3 |
| **17** W | 0103 | 4.2 | 128 |
| | 0729 | −0.1 | −3 |
| | 1331 | 4.6 | 140 |
| | 2012 | 0.0 | 0 |
| **18** Th | 0203 | 4.2 | 128 |
| | 0826 | 0.1 | 3 |
| | 1425 | 4.4 | 134 |
| | 2104 | 0.0 | 0 |
| **19** F | 0259 | 4.3 | 131 |
| | 0926 | 0.2 | 6 |
| | 1517 | 4.2 | 128 |
| ◑ | 2157 | −0.1 | −3 |
| **20** Sa | 0354 | 4.3 | 131 |
| | 1025 | 0.2 | 6 |
| | 1608 | 4.1 | 125 |
| | 2249 | −0.1 | −3 |
| **21** Su | 0447 | 4.4 | 134 |
| | 1123 | 0.2 | 6 |
| | 1659 | 4.0 | 122 |
| | 2339 | −0.1 | −3 |
| **22** M | 0539 | 4.5 | 137 |
| | 1217 | 0.2 | 6 |
| | 1750 | 3.9 | 119 |
| **23** Tu | 0028 | −0.1 | −3 |
| | 0630 | 4.5 | 137 |
| | 1308 | 0.1 | 3 |
| | 1840 | 3.9 | 119 |
| **24** W | 0114 | −0.1 | −3 |
| | 0718 | 4.6 | 140 |
| | 1357 | 0.1 | 3 |
| | 1929 | 3.9 | 119 |
| **25** Th | 0200 | −0.1 | −3 |
| | 0804 | 4.6 | 140 |
| | 1443 | 0.1 | 3 |
| | 2014 | 4.0 | 122 |
| **26** F | 0243 | 0.0 | 0 |
| | 0848 | 4.6 | 140 |
| | 1527 | 0.1 | 3 |
| | 2057 | 3.9 | 119 |
| **27** Sa | 0324 | 0.0 | 0 |
| | 0928 | 4.6 | 140 |
| | 1609 | 0.2 | 6 |
| ● | 2137 | 3.9 | 119 |
| **28** Su | 0403 | 0.0 | 0 |
| | 1006 | 4.5 | 137 |
| | 1648 | 0.2 | 6 |
| | 2213 | 3.8 | 116 |
| **29** M | 0440 | 0.1 | 3 |
| | 1039 | 4.4 | 134 |
| | 1724 | 0.3 | 9 |
| | 2244 | 3.8 | 116 |
| **30** Tu | 0515 | 0.1 | 3 |
| | 1106 | 4.4 | 134 |
| | 1758 | 0.3 | 9 |
| | 2307 | 3.8 | 116 |
| **31** W | 0549 | 0.1 | 3 |
| | 1126 | 4.3 | 131 |
| | 1831 | 0.3 | 9 |
| | 2332 | 3.9 | 119 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Myrtle Beach (Springmaid Pier), South Carolina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| 1 Tu | 0153 | 4.6 | 140 | 16 W 0058 | 5.1 | 155 |
| | 0759 | 0.9 | 27 | 0724 | 0.4 | 12 |
| | 1355 | 4.0 | 122 | 1328 | 4.4 | 134 |
| | 2013 | 0.6 | 18 | 1932 | −0.2 | −6 |
| 2 W | 0241 | 4.6 | 140 | 17 Th 0200 | 5.2 | 158 |
| | 0859 | 0.9 | 27 | 0841 | 0.4 | 12 |
| | 1444 | 3.9 | 119 | 1430 | 4.3 | 131 |
| | 2105 | 0.6 | 18 | 2039 | −0.3 | −9 |
| 3 Th | 0330 | 4.7 | 143 | 18 F 0303 | 5.4 | 165 |
| | 0954 | 0.8 | 24 | 0952 | 0.2 | 6 |
| | 1534 | 3.8 | 116 | 1534 | 4.3 | 131 |
| | 2154 | 0.5 | 15 | 2145 | −0.5 | −15 |
| 4 F | 0419 | 4.8 | 146 | 19 Sa 0408 | 5.6 | 171 |
| | 1042 | 0.7 | 21 | 1055 | −0.1 | −3 |
| | 1624 | 3.8 | 116 | 1638 | 4.5 | 137 |
| | 2240 | 0.3 | 9 | 2247 | −0.7 | −21 |
| 5 Sa | 0505 | 5.0 | 152 | 20 Su 0510 | 5.8 | 177 |
| | 1127 | 0.5 | 15 | 1151 | −0.3 | −9 |
| | 1712 | 3.9 | 119 | 1738 | 4.7 | 143 |
| | 2324 | 0.1 | 3 | 2345 | −0.9 | −27 |
| 6 Su | 0549 | 5.2 | 158 | 21 M 0606 | 6.0 | 183 |
| | 1210 | 0.3 | 9 | 1243 | −0.5 | −15 |
| | 1755 | 4.1 | 125 | 1833 | 4.9 | 149 |
| 7 M | 0007 | 0.0 | 0 | 22 Tu 0039 | −1.0 | −30 |
| | 0630 | 5.3 | 162 | 0658 | 6.0 | 183 |
| | 1251 | 0.2 | 6 | 1331 | −0.6 | −18 |
| | 1835 | 4.2 | 128 | ○ 1923 | 5.0 | 152 |
| 8 Tu | 0048 | −0.2 | −6 | 23 W 0130 | −1.0 | −30 |
| | 0708 | 5.4 | 165 | 0745 | 5.9 | 180 |
| | 1331 | 0.0 | 0 | 1416 | −0.6 | −18 |
| ● | 1913 | 4.3 | 131 | 2011 | 5.1 | 155 |
| 9 W | 0130 | −0.2 | −6 | 24 Th 0219 | −0.9 | −27 |
| | 0746 | 5.5 | 168 | 0830 | 5.7 | 174 |
| | 1410 | −0.1 | −3 | 1459 | −0.5 | −15 |
| | 1952 | 4.4 | 134 | 2059 | 5.0 | 152 |
| 10 Th | 0211 | −0.3 | −9 | 25 F 0305 | −0.7 | −21 |
| | 0824 | 5.5 | 168 | 0914 | 5.4 | 165 |
| | 1449 | −0.2 | −6 | 1538 | −0.4 | −12 |
| | 2032 | 4.5 | 137 | 2147 | 4.9 | 149 |
| 11 F | 0253 | −0.2 | −6 | 26 Sa 0350 | −0.4 | −12 |
| | 0904 | 5.4 | 165 | 0958 | 5.0 | 152 |
| | 1527 | −0.2 | −6 | 1617 | −0.2 | −6 |
| | 2116 | 4.6 | 140 | 2236 | 4.7 | 143 |
| 12 Sa | 0336 | −0.1 | −3 | 27 Su 0434 | 0.0 | 0 |
| | 0947 | 5.2 | 158 | 1044 | 4.6 | 140 |
| | 1607 | −0.3 | −9 | 1655 | 0.0 | 0 |
| | 2205 | 4.6 | 140 | 2325 | 4.6 | 140 |
| 13 Su | 0423 | 0.0 | 0 | 28 M 0520 | 0.4 | 12 |
| | 1036 | 5.0 | 152 | 1130 | 4.2 | 128 |
| | 1650 | −0.3 | −9 | 1735 | 0.3 | 9 |
| | 2300 | 4.8 | 146 | | | |
| 14 M | 0514 | 0.2 | 6 | 29 Tu 0015 | 4.5 | 137 |
| | 1130 | 4.7 | 143 | 0608 | 0.7 | 21 |
| | 1737 | −0.3 | −9 | 1219 | 3.9 | 119 |
| | 2358 | 4.9 | 149 | 1819 | 0.5 | 15 |
| 15 Tu | 0614 | 0.3 | 9 | 30 W 0104 | 4.4 | 134 |
| | 1228 | 4.5 | 137 | 0704 | 0.9 | 27 |
| | 1830 | −0.2 | −6 | 1308 | 3.7 | 113 |
| ◐ | | | | ◑ 1910 | 0.7 | 21 |
| | | | | 31 Th 0154 | 4.3 | 131 |
| | | | | 0807 | 1.0 | 30 |
| | | | | 1359 | 3.6 | 110 |
| | | | | 2010 | 0.7 | 21 |

## February

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| 1 F | 0246 | 4.4 | 134 | 16 Sa 0251 | 5.2 | 158 |
| | 0910 | 0.9 | 27 | 0944 | 0.3 | 9 |
| | 1451 | 3.5 | 107 | 1525 | 4.2 | 128 |
| | 2111 | 0.6 | 18 | 2137 | −0.2 | −6 |
| 2 Sa | 0339 | 4.5 | 137 | 17 Su 0357 | 5.3 | 162 |
| | 1006 | 0.8 | 24 | 1046 | 0.1 | 3 |
| | 1546 | 3.6 | 110 | 1629 | 4.4 | 134 |
| | 2207 | 0.4 | 12 | 2240 | −0.4 | −12 |
| 3 Su | 0431 | 4.7 | 143 | 18 M 0500 | 5.5 | 168 |
| | 1056 | 0.6 | 18 | 1139 | −0.1 | −3 |
| | 1638 | 3.8 | 116 | 1728 | 4.7 | 143 |
| | 2257 | 0.2 | 6 | 2337 | −0.7 | −21 |
| 4 M | 0520 | 4.9 | 149 | 19 Tu 0555 | 5.6 | 171 |
| | 1140 | 0.3 | 9 | 1227 | −0.3 | −9 |
| | 1726 | 4.0 | 122 | 1821 | 5.0 | 152 |
| | 2343 | −0.1 | −3 | | | |
| 5 Tu | 0603 | 5.2 | 158 | 20 W 0028 | −0.8 | −24 |
| | 1222 | 0.1 | 3 | 0643 | 5.7 | 174 |
| | 1809 | 4.3 | 131 | 1310 | −0.5 | −15 |
| | | | | ○ 1908 | 5.2 | 158 |
| 6 W 0027 | −0.3 | −9 | 21 Th 0116 | −0.8 | −24 |
| 0643 | 5.4 | 165 | 0725 | 5.6 | 171 |
| 1302 | −0.2 | −6 | 1350 | −0.5 | −15 |
| ● 1850 | 4.6 | 140 | 1951 | 5.3 | 162 |
| 7 Th 0110 | −0.5 | −15 | 22 F 0200 | −0.7 | −21 |
| 0721 | 5.5 | 168 | 0805 | 5.4 | 165 |
| 1341 | −0.4 | −12 | 1427 | −0.5 | −15 |
| 1931 | 4.9 | 149 | 2032 | 5.3 | 162 |
| 8 F 0153 | −0.6 | −18 | 23 Sa 0242 | −0.5 | −15 |
| 0800 | 5.6 | 171 | 0844 | 5.1 | 155 |
| 1420 | −0.6 | −18 | 1502 | −0.3 | −9 |
| 2012 | 5.1 | 155 | 2113 | 5.2 | 158 |
| 9 Sa 0236 | −0.6 | −18 | 24 Su 0323 | −0.3 | −9 |
| 0841 | 5.4 | 165 | 0923 | 4.8 | 146 |
| 1500 | −0.7 | −21 | 1537 | −0.1 | −3 |
| 2056 | 5.2 | 158 | 2155 | 5.0 | 152 |
| 10 Su 0322 | −0.5 | −15 | 25 M 0403 | 0.0 | 0 |
| 0925 | 5.2 | 158 | 1003 | 4.4 | 134 |
| 1541 | −0.7 | −21 | 1612 | 0.1 | 3 |
| 2144 | 5.2 | 158 | 2238 | 4.8 | 146 |
| 11 M 0409 | −0.3 | −9 | 26 Tu 0443 | 0.3 | 9 |
| 1014 | 4.9 | 149 | 1046 | 4.1 | 125 |
| 1624 | −0.6 | −18 | 1648 | 0.4 | 12 |
| 2238 | 5.3 | 162 | 2324 | 4.6 | 140 |
| 12 Tu 0501 | −0.1 | −3 | 27 W 0526 | 0.6 | 18 |
| 1110 | 4.6 | 140 | 1133 | 3.8 | 116 |
| 1712 | −0.4 | −12 | 1729 | 0.6 | 18 |
| 2337 | 5.2 | 158 | | | |
| 13 W 0600 | 0.2 | 6 | 28 Th 0014 | 4.4 | 134 |
| 1210 | 4.4 | 134 | 0615 | 0.9 | 27 |
| 1807 | −0.2 | −6 | 1223 | 3.6 | 110 |
| ◐ | | | ◑ 1817 | 0.8 | 24 |
| 14 Th 0039 | 5.2 | 158 | 29 F 0106 | 4.3 | 131 |
| 0710 | 0.4 | 12 | 0714 | 1.1 | 34 |
| 1313 | 4.2 | 128 | 1315 | 3.5 | 107 |
| 1912 | −0.1 | −3 | 1917 | 0.9 | 27 |
| 15 F 0144 | 5.2 | 158 | | | |
| 0829 | 0.4 | 12 | | | |
| 1418 | 4.1 | 125 | | | |
| 2025 | −0.1 | −3 | | | |

## March

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| 1 Sa | 0201 | 4.3 | 131 | 16 Su 0239 | 5.2 | 158 |
| | 0820 | 1.1 | 34 | 0931 | 0.5 | 15 |
| | 1410 | 3.6 | 110 | 1516 | 4.4 | 134 |
| | 2026 | 0.8 | 24 | 2130 | 0.1 | 3 |
| 2 Su | 0257 | 4.4 | 134 | 17 M 0344 | 5.2 | 158 |
| | 0923 | 1.0 | 30 | 1030 | 0.3 | 9 |
| | 1506 | 3.7 | 113 | 1619 | 4.7 | 143 |
| | 2131 | 0.6 | 18 | 2232 | −0.1 | −3 |
| 3 M | 0351 | 4.6 | 140 | 18 Tu 0444 | 5.2 | 158 |
| | 1017 | 0.7 | 21 | 1119 | 0.1 | 3 |
| | 1601 | 3.9 | 119 | 1715 | 5.0 | 152 |
| | 2226 | 0.3 | 9 | 2326 | −0.3 | −9 |
| 4 Tu | 0442 | 4.9 | 149 | 19 W 0536 | 5.3 | 162 |
| | 1103 | 0.4 | 12 | 1202 | −0.1 | −3 |
| | 1653 | 4.3 | 131 | 1804 | 5.3 | 162 |
| | 2316 | 0.0 | 0 | | | |
| 5 W | 0529 | 5.2 | 158 | 20 Th 0014 | −0.4 | −12 |
| | 1146 | 0.0 | 0 | 0621 | 5.3 | 162 |
| | 1740 | 4.7 | 143 | 1241 | −0.2 | −6 |
| | | | | 1847 | 5.5 | 168 |
| 6 Th 0002 | −0.3 | −9 | 21 F 0059 | −0.4 | −12 |
| 0612 | 5.5 | 168 | 0701 | 5.3 | 162 |
| 1227 | −0.3 | −9 | 1318 | −0.2 | −6 |
| 1824 | 5.2 | 158 | ○ 1927 | 5.6 | 171 |
| 7 F 0048 | −0.5 | −15 | 22 Sa 0140 | −0.3 | −9 |
| 0654 | 5.6 | 171 | 0738 | 5.1 | 155 |
| 1308 | −0.6 | −18 | 1352 | −0.2 | −6 |
| ● 1907 | 5.6 | 171 | 2003 | 5.6 | 171 |
| 8 Sa 0134 | −0.7 | −21 | 23 Su 0219 | −0.2 | −6 |
| 0735 | 5.6 | 171 | 0814 | 4.9 | 149 |
| 1349 | −0.8 | −24 | 1426 | 0.0 | 0 |
| 1950 | 5.8 | 177 | 2040 | 5.5 | 168 |
| 9 Su 0220 | −0.7 | −21 | 24 M 0256 | −0.1 | −3 |
| 0819 | 5.5 | 168 | 0850 | 4.7 | 143 |
| 1432 | −0.8 | −24 | 1500 | 0.1 | 3 |
| 2035 | 6.0 | 183 | 2116 | 5.3 | 162 |
| 10 M 0307 | −0.6 | −18 | 25 Tu 0334 | 0.2 | 6 |
| 0905 | 5.3 | 162 | 0927 | 4.4 | 134 |
| 1516 | −0.8 | −24 | 1534 | 0.4 | 12 |
| 2124 | 5.9 | 180 | 2156 | 5.0 | 152 |
| 11 Tu 0357 | −0.4 | −12 | 26 W 0412 | 0.4 | 12 |
| 0957 | 5.0 | 152 | 1007 | 4.1 | 125 |
| 1603 | −0.6 | −18 | 1611 | 0.6 | 18 |
| 2219 | 5.8 | 177 | 2240 | 4.8 | 146 |
| 12 W 0450 | −0.1 | −3 | 27 Th 0453 | 0.7 | 21 |
| 1055 | 4.7 | 143 | 1052 | 3.9 | 119 |
| 1654 | −0.4 | −12 | 1651 | 0.8 | 24 |
| 2320 | 5.6 | 171 | 2329 | 4.6 | 140 |
| 13 Th 0550 | 0.2 | 6 | 28 F 0538 | 0.9 | 27 |
| 1159 | 4.4 | 134 | 1143 | 3.7 | 113 |
| 1752 | −0.1 | −3 | 1737 | 1.0 | 30 |
| 14 F 0025 | 5.4 | 165 | 29 Sa 0023 | 4.5 | 137 |
| 0700 | 0.5 | 15 | 0631 | 1.1 | 34 |
| 1305 | 4.3 | 131 | 1237 | 3.7 | 113 |
| ◐ 1900 | 0.1 | 3 | ◑ 1833 | 1.1 | 34 |
| 15 Sa 0132 | 5.2 | 158 | 30 Su 0118 | 4.5 | 137 |
| 0819 | 0.5 | 15 | 0732 | 1.1 | 34 |
| 1411 | 4.3 | 131 | 1332 | 3.8 | 116 |
| 2017 | 0.2 | 6 | 1941 | 1.0 | 30 |
| | | | 31 M 0213 | 4.6 | 140 |
| | | | 0835 | 1.0 | 30 |
| | | | 1428 | 4.0 | 122 |
| | | | 2051 | 0.9 | 27 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Myrtle Beach (Springmaid Pier), South Carolina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0307 | 4.7 | 143 | **16** W | 0417 | 5.0 | 152 |
| | 0931 | 0.7 | 21 | | 1049 | 0.2 | 6 |
| | 1524 | 4.3 | 131 | | 1654 | 5.3 | 162 |
| | 2152 | 0.6 | 18 | | 2310 | 0.2 | 6 |
| **2** W | 0359 | 5.0 | 152 | **17** Th | 0508 | 4.9 | 149 |
| | 1020 | 0.4 | 12 | | 1130 | 0.1 | 3 |
| | 1617 | 4.8 | 146 | | 1741 | 5.5 | 168 |
| | 2246 | 0.2 | 6 | | 2355 | 0.1 | 3 |
| **3** Th | 0450 | 5.2 | 158 | **18** F | 0552 | 4.9 | 149 |
| | 1106 | 0.0 | 0 | | 1207 | 0.1 | 3 |
| | 1708 | 5.3 | 162 | | 1822 | 5.7 | 174 |
| | 2336 | −0.1 | −3 | | | | |
| **4** F | 0538 | 5.4 | 165 | **19** Sa | 0037 | 0.0 | 0 |
| | 1150 | −0.4 | −12 | | 0632 | 4.9 | 149 |
| | 1756 | 5.8 | 177 | | 1242 | 0.1 | 3 |
| | | | | | 1859 | 5.7 | 174 |
| **5** Sa | 0025 | −0.4 | −12 | **20** Su | 0116 | 0.0 | 0 |
| | 0625 | 5.6 | 171 | | 0709 | 4.8 | 146 |
| | 1234 | −0.7 | −21 | | 1317 | 0.1 | 3 |
| ● | 1842 | 6.2 | 189 | ○ | 1934 | 5.7 | 174 |
| **6** Su | 0114 | −0.6 | −18 | **21** M | 0154 | 0.1 | 3 |
| | 0711 | 5.6 | 171 | | 0745 | 4.7 | 143 |
| | 1319 | −0.8 | −24 | | 1352 | 0.2 | 6 |
| | 1928 | 6.5 | 198 | | 2009 | 5.6 | 171 |
| **7** M | 0204 | −0.7 | −21 | **22** Tu | 0232 | 0.2 | 6 |
| | 0758 | 5.5 | 168 | | 0820 | 4.5 | 137 |
| | 1406 | −0.9 | −27 | | 1427 | 0.4 | 12 |
| | 2016 | 6.6 | 201 | | 2044 | 5.4 | 165 |
| **8** Tu | 0254 | −0.6 | −18 | **23** W | 0309 | 0.3 | 9 |
| | 0848 | 5.3 | 162 | | 0857 | 4.3 | 131 |
| | 1455 | −0.7 | −21 | | 1504 | 0.5 | 15 |
| | 2107 | 6.4 | 195 | | 2123 | 5.2 | 158 |
| **9** W | 0346 | −0.4 | −12 | **24** Th | 0348 | 0.5 | 15 |
| | 0943 | 5.0 | 152 | | 0936 | 4.1 | 125 |
| | 1546 | −0.5 | −15 | | 1542 | 0.7 | 21 |
| | 2204 | 6.2 | 189 | | 2205 | 5.0 | 152 |
| **10** Th | 0441 | −0.1 | −3 | **25** F | 0428 | 0.7 | 21 |
| | 1044 | 4.8 | 146 | | 1019 | 3.9 | 119 |
| | 1641 | −0.2 | −6 | | 1622 | 0.9 | 27 |
| | 2307 | 5.8 | 177 | | 2253 | 4.9 | 149 |
| **11** F | 0541 | 0.2 | 6 | **26** Sa | 0511 | 0.9 | 27 |
| | 1150 | 4.6 | 140 | | 1109 | 3.9 | 119 |
| | 1741 | 0.1 | 3 | | 1707 | 1.0 | 30 |
| | | | | | 2345 | 4.7 | 143 |
| **12** Sa | 0014 | 5.5 | 168 | **27** Su | 0558 | 0.9 | 27 |
| | 0649 | 0.4 | 12 | | 1204 | 3.9 | 119 |
| | 1257 | 4.6 | 140 | | 1759 | 1.1 | 34 |
| ◐ | 1851 | 0.3 | 9 | | | | |
| **13** Su | 0119 | 5.3 | 162 | **28** M | 0038 | 4.7 | 143 |
| | 0802 | 0.5 | 15 | | 0651 | 0.9 | 27 |
| | 1401 | 4.6 | 140 | | 1259 | 4.1 | 125 |
| | 2007 | 0.4 | 12 | ◑ | 1902 | 1.1 | 34 |
| **14** M | 0222 | 5.1 | 155 | **29** Tu | 0131 | 4.7 | 143 |
| | 0908 | 0.5 | 15 | | 0747 | 0.8 | 24 |
| | 1503 | 4.8 | 146 | | 1353 | 4.4 | 134 |
| | 2118 | 0.4 | 12 | | 2011 | 1.0 | 30 |
| **15** Tu | 0322 | 5.0 | 152 | **30** W | 0223 | 4.8 | 146 |
| | 1003 | 0.3 | 9 | | 0843 | 0.5 | 15 |
| | 1601 | 5.0 | 152 | | 1448 | 4.8 | 146 |
| | 2218 | 0.3 | 9 | | 2117 | 0.7 | 21 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Th | 0317 | 4.9 | 149 | **16** F | 0432 | 4.5 | 137 |
| | 0935 | 0.2 | 6 | | 1052 | 0.3 | 9 |
| | 1542 | 5.3 | 162 | | 1711 | 5.5 | 168 |
| | 2216 | 0.4 | 12 | | 2331 | 0.4 | 12 |
| **2** F | 0411 | 5.1 | 155 | **17** Sa | 0518 | 4.5 | 137 |
| | 1025 | −0.2 | −6 | | 1130 | 0.3 | 9 |
| | 1636 | 5.8 | 177 | | 1752 | 5.6 | 171 |
| | 2311 | 0.0 | 0 | | | | |
| **3** Sa | 0504 | 5.2 | 158 | **18** Su | 0012 | 0.3 | 9 |
| | 1114 | −0.5 | −15 | | 0601 | 4.4 | 134 |
| | 1728 | 6.3 | 192 | | 1207 | 0.3 | 9 |
| | | | | | 1830 | 5.7 | 174 |
| **4** Su | 0004 | −0.3 | −9 | **19** M | 0051 | 0.3 | 9 |
| | 0557 | 5.4 | 165 | | 0640 | 4.4 | 134 |
| | 1203 | −0.7 | −21 | | 1244 | 0.3 | 9 |
| | 1818 | 6.6 | 201 | ○ | 1907 | 5.7 | 174 |
| **5** M | 0056 | −0.6 | −18 | **20** Tu | 0130 | 0.3 | 9 |
| | 0648 | 5.4 | 165 | | 0718 | 4.4 | 134 |
| | 1253 | −0.8 | −24 | | 1322 | 0.4 | 12 |
| ● | 1908 | 6.8 | 207 | | 1942 | 5.6 | 171 |
| **6** Tu | 0149 | −0.7 | −21 | **21** W | 0209 | 0.3 | 9 |
| | 0739 | 5.4 | 165 | | 0754 | 4.3 | 131 |
| | 1344 | −0.8 | −24 | | 1400 | 0.4 | 12 |
| | 2000 | 6.8 | 207 | | 2019 | 5.5 | 168 |
| **7** W | 0242 | −0.6 | −18 | **22** Th | 0248 | 0.4 | 12 |
| | 0833 | 5.2 | 158 | | 0831 | 4.2 | 128 |
| | 1438 | −0.7 | −21 | | 1439 | 0.5 | 15 |
| | 2053 | 6.6 | 201 | | 2057 | 5.3 | 162 |
| **8** Th | 0335 | −0.4 | −12 | **23** F | 0327 | 0.5 | 15 |
| | 0930 | 5.0 | 152 | | 0909 | 4.1 | 125 |
| | 1532 | −0.5 | −15 | | 1519 | 0.6 | 18 |
| | 2152 | 6.3 | 192 | | 2138 | 5.2 | 158 |
| **9** F | 0430 | −0.2 | −6 | **24** Sa | 0406 | 0.6 | 18 |
| | 1033 | 4.9 | 149 | | 0953 | 4.0 | 122 |
| | 1629 | −0.2 | −6 | | 1600 | 0.8 | 24 |
| | 2254 | 5.9 | 180 | | 2223 | 5.0 | 152 |
| **10** Sa | 0528 | 0.1 | 3 | **25** Su | 0446 | 0.6 | 18 |
| | 1139 | 4.8 | 146 | | 1042 | 4.0 | 122 |
| | 1730 | 0.1 | 3 | | 1644 | 0.9 | 27 |
| | 2358 | 5.6 | 171 | | 2311 | 4.9 | 149 |
| **11** Su | 0629 | 0.3 | 9 | **26** M | 0528 | 0.6 | 18 |
| | 1244 | 4.8 | 146 | | 1135 | 4.1 | 125 |
| | 1836 | 0.4 | 12 | | 1733 | 0.9 | 27 |
| ◐ | | | | | | | |
| **12** M | 0059 | 5.3 | 162 | **27** Tu | 0001 | 4.9 | 149 |
| | 0733 | 0.4 | 12 | | 0614 | 0.5 | 15 |
| | 1344 | 4.9 | 149 | | 1228 | 4.4 | 134 |
| | 1948 | 0.6 | 18 | ◑ | 1830 | 1.0 | 30 |
| **13** Tu | 0156 | 5.0 | 152 | **28** W | 0052 | 4.8 | 146 |
| | 0833 | 0.4 | 12 | | 0704 | 0.4 | 12 |
| | 1441 | 5.0 | 152 | | 1322 | 4.7 | 143 |
| | 2056 | 0.6 | 18 | | 1936 | 0.9 | 27 |
| **14** W | 0250 | 4.8 | 146 | **29** Th | 0145 | 4.8 | 146 |
| | 0926 | 0.4 | 12 | | 0758 | 0.2 | 6 |
| | 1535 | 5.2 | 158 | | 1416 | 5.1 | 155 |
| | 2155 | 0.6 | 18 | | 2044 | 0.7 | 21 |
| **15** Th | 0342 | 4.6 | 140 | **30** F | 0239 | 4.8 | 146 |
| | 1011 | 0.3 | 9 | | 0854 | −0.1 | −3 |
| | 1625 | 5.3 | 162 | | 1511 | 5.6 | 171 |
| | 2246 | 0.5 | 15 | | 2148 | 0.4 | 12 |
| | | | | **31** Sa | 0336 | 4.9 | 149 |
| | | | | | 0948 | −0.3 | −9 |
| | | | | | 1607 | 6.0 | 183 |
| | | | | | 2247 | 0.1 | 3 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Su | 0435 | 4.9 | 149 | **16** M | 0528 | 4.1 | 125 |
| | 1043 | −0.6 | −18 | | 1134 | 0.4 | 12 |
| | 1703 | 6.4 | 195 | | 1801 | 5.5 | 168 |
| | 2344 | −0.2 | −6 | | | | |
| **2** M | 0533 | 5.0 | 152 | **17** Tu | 0025 | 0.5 | 15 |
| | 1137 | −0.8 | −24 | | 0611 | 4.1 | 125 |
| | 1758 | 6.7 | 204 | | 1215 | 0.4 | 12 |
| | | | | | 1841 | 5.5 | 168 |
| **3** Tu | 0040 | −0.4 | −12 | **18** W | 0106 | 0.4 | 12 |
| | 0629 | 5.1 | 155 | | 0651 | 4.2 | 128 |
| | 1232 | −0.9 | −27 | | 1256 | 0.3 | 9 |
| ● | 1852 | 6.8 | 207 | ○ | 1919 | 5.6 | 171 |
| **4** W | 0135 | −0.6 | −18 | **19** Th | 0146 | 0.4 | 12 |
| | 0724 | 5.2 | 158 | | 0729 | 4.2 | 128 |
| | 1327 | −0.9 | −27 | | 1337 | 0.4 | 12 |
| | 1946 | 6.8 | 207 | | 1957 | 5.5 | 168 |
| **5** Th | 0229 | −0.6 | −18 | **20** F | 0225 | 0.3 | 9 |
| | 0819 | 5.1 | 155 | | 0807 | 4.2 | 128 |
| | 1423 | −0.8 | −24 | | 1418 | 0.4 | 12 |
| | 2041 | 6.6 | 201 | | 2034 | 5.5 | 168 |
| **6** F | 0322 | −0.5 | −15 | **21** Sa | 0304 | 0.3 | 9 |
| | 0917 | 5.1 | 155 | | 0846 | 4.2 | 128 |
| | 1519 | −0.6 | −18 | | 1458 | 0.5 | 15 |
| | 2137 | 6.3 | 192 | | 2113 | 5.3 | 162 |
| **7** Sa | 0415 | −0.3 | −9 | **22** Su | 0342 | 0.3 | 9 |
| | 1019 | 5.0 | 152 | | 0928 | 4.2 | 128 |
| | 1616 | −0.3 | −9 | | 1540 | 0.6 | 18 |
| | 2236 | 5.9 | 180 | | 2155 | 5.2 | 158 |
| **8** Su | 0507 | −0.1 | −3 | **23** M | 0420 | 0.3 | 9 |
| | 1122 | 5.0 | 152 | | 1015 | 4.3 | 131 |
| | 1713 | 0.1 | 3 | | 1623 | 0.7 | 21 |
| | 2335 | 5.5 | 168 | | 2240 | 5.0 | 152 |
| **9** M | 0600 | 0.0 | 0 | **24** Tu | 0459 | 0.2 | 6 |
| | 1222 | 5.0 | 152 | | 1106 | 4.5 | 137 |
| | 1814 | 0.4 | 12 | | 1711 | 0.8 | 24 |
| | | | | | 2329 | 4.9 | 149 |
| **10** Tu | 0031 | 5.1 | 155 | **25** W | 0541 | 0.1 | 3 |
| | 0654 | 0.2 | 6 | | 1159 | 4.8 | 146 |
| | 1319 | 5.1 | 155 | | 1805 | 0.8 | 24 |
| ◐ | 1919 | 0.7 | 21 | | | | |
| **11** W | 0123 | 4.8 | 146 | **26** Th | 0020 | 4.8 | 146 |
| | 0748 | 0.3 | 9 | | 0628 | 0.1 | 3 |
| | 1411 | 5.1 | 155 | | 1253 | 5.1 | 155 |
| | 2024 | 0.8 | 24 | ◑ | 1908 | 0.8 | 24 |
| **12** Th | 0213 | 4.5 | 137 | **27** F | 0114 | 4.7 | 143 |
| | 0840 | 0.4 | 12 | | 0721 | 0.0 | 0 |
| | 1501 | 5.2 | 158 | | 1348 | 5.4 | 165 |
| | 2123 | 0.8 | 24 | | 2017 | 0.7 | 21 |
| **13** F | 0303 | 4.3 | 131 | **28** Sa | 0211 | 4.7 | 143 |
| | 0927 | 0.4 | 12 | | 0820 | −0.2 | −6 |
| | 1550 | 5.2 | 158 | | 1445 | 5.8 | 177 |
| | 2215 | 0.8 | 24 | | 2126 | 0.5 | 15 |
| **14** Sa | 0352 | 4.1 | 125 | **29** Su | 0310 | 4.6 | 140 |
| | 1011 | 0.4 | 12 | | 0920 | −0.3 | −9 |
| | 1636 | 5.3 | 162 | | 1544 | 6.1 | 186 |
| | 2301 | 0.7 | 21 | | 2230 | 0.2 | 6 |
| **15** Su | 0441 | 4.1 | 125 | **30** M | 0412 | 4.7 | 143 |
| | 1053 | 0.4 | 12 | | 1020 | −0.5 | −15 |
| | 1720 | 5.4 | 165 | | 1644 | 6.3 | 192 |
| | 2344 | 0.6 | 18 | | 2329 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Myrtle Beach (Springmaid Pier), South Carolina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0514 | 4.8 | 146 | 16 W | 0541 | 4.1 | 125 |
| | 1119 | −0.7 | −21 | | 1149 | 0.4 | 12 |
| | 1743 | 6.6 | 201 | | 1815 | 5.5 | 168 |
| 2 W ● | 0026 | −0.3 | −9 | 17 Th | 0039 | 0.5 | 15 |
| | 0613 | 5.0 | 152 | | 0624 | 4.2 | 128 |
| | 1217 | −0.8 | −24 | | 1232 | 0.3 | 9 |
| | 1839 | 6.7 | 204 | | 1855 | 5.6 | 171 |
| 3 Th | 0121 | −0.4 | −12 | 18 F ○ | 0119 | 0.4 | 12 |
| | 0710 | 5.1 | 155 | | 0703 | 4.4 | 134 |
| | 1314 | −0.8 | −24 | | 1314 | 0.3 | 9 |
| | 1933 | 6.6 | 201 | | 1932 | 5.7 | 174 |
| 4 F | 0213 | −0.5 | −15 | 19 Sa | 0158 | 0.3 | 9 |
| | 0805 | 5.2 | 158 | | 0742 | 4.5 | 137 |
| | 1410 | −0.7 | −21 | | 1356 | 0.3 | 9 |
| | 2025 | 6.5 | 198 | | 2009 | 5.6 | 171 |
| 5 Sa | 0303 | −0.5 | −15 | 20 Su | 0235 | 0.2 | 6 |
| | 0900 | 5.2 | 158 | | 0821 | 4.6 | 140 |
| | 1504 | −0.5 | −15 | | 1438 | 0.3 | 9 |
| | 2118 | 6.1 | 186 | | 2046 | 5.5 | 168 |
| 6 Su | 0351 | −0.4 | −12 | 21 M | 0312 | 0.1 | 3 |
| | 0957 | 5.2 | 158 | | 0902 | 4.7 | 143 |
| | 1557 | −0.2 | −6 | | 1520 | 0.4 | 12 |
| | 2211 | 5.7 | 174 | | 2126 | 5.4 | 165 |
| 7 M | 0438 | −0.2 | −6 | 22 Tu | 0350 | 0.0 | 0 |
| | 1055 | 5.2 | 158 | | 0948 | 4.9 | 149 |
| | 1650 | 0.1 | 3 | | 1604 | 0.5 | 15 |
| | 2304 | 5.3 | 162 | | 2211 | 5.2 | 158 |
| 8 Tu | 0523 | 0.0 | 0 | 23 W | 0429 | 0.0 | 0 |
| | 1152 | 5.1 | 155 | | 1038 | 5.0 | 152 |
| | 1744 | 0.5 | 15 | | 1652 | 0.6 | 18 |
| | 2356 | 4.9 | 149 | | 2300 | 5.0 | 152 |
| 9 W ◐ | 0610 | 0.2 | 6 | 24 Th | 0511 | 0.0 | 0 |
| | 1245 | 5.1 | 155 | | 1132 | 5.2 | 158 |
| | 1841 | 0.8 | 24 | | 1745 | 0.7 | 21 |
| | | | | | 2354 | 4.8 | 146 |
| 10 Th | 0046 | 4.5 | 137 | 25 F ◑ | 0559 | 0.0 | 0 |
| | 0658 | 0.4 | 12 | | 1228 | 5.4 | 165 |
| | 1335 | 5.1 | 155 | | 1847 | 0.8 | 24 |
| | 1942 | 1.0 | 30 | | | | |
| 11 F | 0134 | 4.3 | 131 | 26 Sa | 0052 | 4.7 | 143 |
| | 0748 | 0.6 | 18 | | 0654 | 0.0 | 0 |
| | 1423 | 5.1 | 155 | | 1326 | 5.7 | 174 |
| | 2042 | 1.1 | 34 | | 1958 | 0.8 | 24 |
| 12 Sa | 0223 | 4.1 | 125 | 27 Su | 0151 | 4.6 | 140 |
| | 0840 | 0.7 | 21 | | 0756 | 0.0 | 0 |
| | 1511 | 5.1 | 155 | | 1426 | 5.8 | 177 |
| | 2138 | 1.1 | 34 | | 2111 | 0.7 | 21 |
| 13 Su | 0313 | 4.0 | 122 | 28 M | 0254 | 4.6 | 140 |
| | 0930 | 0.7 | 21 | | 0903 | −0.1 | −3 |
| | 1559 | 5.1 | 155 | | 1528 | 6.0 | 183 |
| | 2227 | 1.0 | 30 | | 2218 | 0.5 | 15 |
| 14 M | 0404 | 3.9 | 119 | 29 Tu | 0358 | 4.7 | 143 |
| | 1018 | 0.6 | 18 | | 1007 | −0.3 | −9 |
| | 1647 | 5.2 | 158 | | 1631 | 6.2 | 189 |
| | 2313 | 0.8 | 24 | | 2318 | 0.2 | 6 |
| 15 Tu | 0454 | 4.0 | 122 | 30 W | 0502 | 4.9 | 149 |
| | 1104 | 0.5 | 15 | | 1108 | −0.4 | −12 |
| | 1733 | 5.4 | 165 | | 1731 | 6.4 | 195 |
| | 2357 | 0.7 | 21 | | | | |
| | | | | 31 Th | 0013 | 0.0 | 0 |
| | | | | | 0601 | 5.1 | 155 |
| | | | | | 1206 | −0.6 | −18 |
| | | | | | 1827 | 6.5 | 198 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 F ● | 0104 | −0.2 | −6 | 16 Sa ○ | 0045 | 0.4 | 12 |
| | 0656 | 5.4 | 165 | | 0635 | 4.9 | 149 |
| | 1302 | −0.6 | −18 | | 1250 | 0.3 | 9 |
| | 1918 | 6.5 | 198 | | 1903 | 5.9 | 180 |
| 2 Sa | 0152 | −0.3 | −9 | 17 Su | 0124 | 0.2 | 6 |
| | 0748 | 5.5 | 168 | | 0714 | 5.1 | 155 |
| | 1355 | −0.5 | −15 | | 1333 | 0.3 | 9 |
| | 2006 | 6.3 | 192 | | 1940 | 5.9 | 180 |
| 3 Su | 0238 | −0.3 | −9 | 18 M | 0201 | 0.1 | 3 |
| | 0839 | 5.6 | 171 | | 0754 | 5.3 | 162 |
| | 1446 | −0.3 | −9 | | 1416 | 0.3 | 9 |
| | 2052 | 6.0 | 183 | | 2018 | 5.8 | 177 |
| 4 M | 0321 | −0.2 | −6 | 19 Tu | 0240 | 0.0 | 0 |
| | 0930 | 5.5 | 168 | | 0836 | 5.5 | 168 |
| | 1534 | 0.0 | 0 | | 1501 | 0.3 | 9 |
| | 2139 | 5.6 | 171 | | 2100 | 5.6 | 171 |
| 5 Tu | 0402 | −0.1 | −3 | 20 W | 0319 | −0.1 | −3 |
| | 1021 | 5.4 | 165 | | 0921 | 5.6 | 171 |
| | 1622 | 0.3 | 9 | | 1546 | 0.4 | 12 |
| | 2227 | 5.1 | 155 | | 2146 | 5.4 | 165 |
| 6 W | 0442 | 0.2 | 6 | 21 Th | 0400 | −0.1 | −3 |
| | 1113 | 5.3 | 162 | | 1012 | 5.7 | 174 |
| | 1710 | 0.7 | 21 | | 1636 | 0.6 | 18 |
| | 2316 | 4.8 | 146 | | 2238 | 5.1 | 155 |
| 7 Th | 0523 | 0.4 | 12 | 22 F | 0446 | 0.0 | 0 |
| | 1204 | 5.2 | 158 | | 1108 | 5.8 | 177 |
| | 1800 | 1.0 | 30 | | 1730 | 0.8 | 24 |
| | | | | | 2336 | 4.9 | 149 |
| 8 F ◐ | 0006 | 4.4 | 134 | 23 Sa ◑ | 0536 | 0.2 | 6 |
| | 0607 | 0.7 | 21 | | 1208 | 5.8 | 177 |
| | 1254 | 5.1 | 155 | | 1834 | 1.0 | 30 |
| | 1855 | 1.3 | 40 | | | | |
| 9 Sa | 0055 | 4.2 | 128 | 24 Su | 0038 | 4.7 | 143 |
| | 0656 | 0.9 | 27 | | 0635 | 0.3 | 9 |
| | 1343 | 5.0 | 152 | | 1311 | 5.9 | 180 |
| | 1955 | 1.4 | 43 | | 1948 | 1.0 | 30 |
| 10 Su | 0145 | 4.1 | 125 | 25 M | 0141 | 4.7 | 143 |
| | 0752 | 1.0 | 30 | | 0743 | 0.3 | 9 |
| | 1432 | 5.0 | 152 | | 1414 | 5.9 | 180 |
| | 2056 | 1.4 | 43 | | 2103 | 0.9 | 27 |
| 11 M | 0236 | 4.0 | 122 | 26 Tu | 0246 | 4.7 | 143 |
| | 0851 | 1.0 | 30 | | 0854 | 0.3 | 9 |
| | 1523 | 5.1 | 155 | | 1518 | 6.0 | 183 |
| | 2151 | 1.3 | 40 | | 2209 | 0.7 | 21 |
| 12 Tu | 0328 | 4.0 | 122 | 27 W | 0350 | 4.9 | 149 |
| | 0946 | 0.9 | 27 | | 1001 | 0.1 | 3 |
| | 1613 | 5.2 | 158 | | 1621 | 6.2 | 189 |
| | 2240 | 1.1 | 34 | | 2305 | 0.4 | 12 |
| 13 W | 0420 | 4.1 | 125 | 28 Th | 0452 | 5.2 | 158 |
| | 1036 | 0.7 | 21 | | 1101 | −0.1 | −3 |
| | 1701 | 5.4 | 165 | | 1719 | 6.3 | 192 |
| | 2324 | 0.9 | 27 | | 2356 | 0.2 | 6 |
| 14 Th | 0509 | 4.3 | 131 | 29 F | 0549 | 5.5 | 168 |
| | 1123 | 0.6 | 18 | | 1157 | −0.2 | −6 |
| | 1745 | 5.6 | 171 | | 1811 | 6.3 | 192 |
| 15 F | 0006 | 0.7 | 21 | 30 Sa ● | 0042 | 0.0 | 0 |
| | 0554 | 4.6 | 140 | | 0641 | 5.8 | 177 |
| | 1207 | 0.4 | 12 | | 1248 | −0.2 | −6 |
| | 1825 | 5.8 | 177 | | 1858 | 6.3 | 192 |
| | | | | 31 Su | 0126 | −0.1 | −3 |
| | | | | | 0728 | 6.0 | 183 |
| | | | | | 1337 | −0.1 | −3 |
| | | | | | 1941 | 6.1 | 186 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0206 | −0.1 | −3 | 16 Tu | 0126 | 0.0 | 0 |
| | 0813 | 6.0 | 183 | | 0727 | 6.2 | 189 |
| | 1424 | 0.0 | 0 | | 1355 | 0.2 | 6 |
| | 2023 | 5.8 | 177 | | 1952 | 5.9 | 180 |
| 2 Tu | 0245 | 0.1 | 3 | 17 W | 0207 | −0.1 | −3 |
| | 0858 | 5.9 | 180 | | 0810 | 6.3 | 192 |
| | 1508 | 0.3 | 9 | | 1442 | 0.3 | 9 |
| | 2105 | 5.4 | 165 | | 2036 | 5.8 | 177 |
| 3 W | 0323 | 0.3 | 9 | 18 Th | 0250 | −0.1 | −3 |
| | 0943 | 5.7 | 174 | | 0857 | 6.4 | 195 |
| | 1551 | 0.6 | 18 | | 1530 | 0.4 | 12 |
| | 2148 | 5.1 | 155 | | 2125 | 5.5 | 168 |
| 4 Th | 0401 | 0.5 | 15 | 19 F | 0336 | 0.0 | 0 |
| | 1029 | 5.5 | 168 | | 0950 | 6.3 | 192 |
| | 1635 | 0.9 | 27 | | 1622 | 0.6 | 18 |
| | 2234 | 4.7 | 143 | | 2220 | 5.2 | 158 |
| 5 F | 0440 | 0.8 | 24 | 20 Sa | 0425 | 0.2 | 6 |
| | 1119 | 5.3 | 162 | | 1049 | 6.2 | 189 |
| | 1720 | 1.2 | 37 | | 1719 | 0.8 | 24 |
| | 2324 | 4.4 | 134 | | 2323 | 5.0 | 152 |
| 6 Sa | 0522 | 1.1 | 34 | 21 Su | 0521 | 0.4 | 12 |
| | 1210 | 5.1 | 155 | | 1154 | 6.0 | 183 |
| | 1810 | 1.5 | 46 | | 1825 | 1.0 | 30 |
| 7 Su ◐ | 0015 | 4.2 | 128 | 22 M ◑ | 0030 | 4.8 | 146 |
| | 0610 | 1.3 | 40 | | 0624 | 0.6 | 18 |
| | 1302 | 5.1 | 155 | | 1300 | 6.0 | 183 |
| | 1907 | 1.7 | 52 | | 1940 | 1.1 | 34 |
| 8 M | 0108 | 4.1 | 125 | 23 Tu | 0136 | 4.9 | 149 |
| | 0707 | 1.4 | 43 | | 0737 | 0.6 | 18 |
| | 1353 | 5.1 | 155 | | 1405 | 6.0 | 183 |
| | 2011 | 1.7 | 52 | | 2054 | 1.0 | 30 |
| 9 Tu | 0200 | 4.1 | 125 | 24 W | 0240 | 5.0 | 152 |
| | 0811 | 1.4 | 43 | | 0850 | 0.6 | 18 |
| | 1445 | 5.2 | 158 | | 1508 | 6.0 | 183 |
| | 2111 | 1.6 | 49 | | 2156 | 0.8 | 24 |
| 10 W | 0253 | 4.2 | 128 | 25 Th | 0343 | 5.2 | 158 |
| | 0912 | 1.2 | 37 | | 0956 | 0.4 | 12 |
| | 1536 | 5.3 | 162 | | 1608 | 6.0 | 183 |
| | 2202 | 1.3 | 40 | | 2248 | 0.6 | 18 |
| 11 Th | 0345 | 4.4 | 134 | 26 F | 0442 | 5.6 | 171 |
| | 1006 | 1.0 | 30 | | 1053 | 0.3 | 9 |
| | 1624 | 5.5 | 168 | | 1702 | 6.0 | 183 |
| | 2246 | 1.0 | 30 | | 2334 | 0.3 | 9 |
| 12 F | 0435 | 4.7 | 143 | 27 Sa | 0535 | 5.9 | 180 |
| | 1055 | 0.8 | 24 | | 1145 | 0.2 | 6 |
| | 1709 | 5.7 | 174 | | 1751 | 6.0 | 183 |
| | 2327 | 0.7 | 21 | | | | |
| 13 Sa | 0521 | 5.1 | 155 | 28 Su | 0016 | 0.2 | 6 |
| | 1140 | 0.5 | 15 | | 0622 | 6.1 | 186 |
| | 1751 | 5.9 | 180 | | 1233 | 0.2 | 6 |
| | | | | | 1835 | 5.9 | 180 |
| 14 Su | 0007 | 0.4 | 12 | 29 M ● | 0055 | 0.2 | 6 |
| | 0604 | 5.5 | 168 | | 0705 | 6.2 | 189 |
| | 1225 | 0.4 | 12 | | 1318 | 0.2 | 6 |
| | 1831 | 6.0 | 183 | | 1915 | 5.8 | 177 |
| 15 M ○ | 0046 | 0.1 | 3 | 30 Tu | 0132 | 0.2 | 6 |
| | 0646 | 5.9 | 180 | | 0746 | 6.2 | 189 |
| | 1310 | 0.2 | 6 | | 1400 | 0.4 | 12 |
| | 1911 | 6.0 | 183 | | 1954 | 5.5 | 168 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Myrtle Beach (Springmaid Pier), South Carolina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm | h m | ft | cm | h m | ft | cm |
| **1** W | 0209 | 0.4 | 12 | **16** Th | 0139 | −0.3 | −9 | **1** Sa | 0251 | 0.8 | 24 | **16** Su | 0302 | −0.5 | −15 |
| | 0825 | 6.1 | 186 | | 0749 | 6.9 | 210 | | 0912 | 5.6 | 171 | | 0920 | 6.6 | 201 |
| | 1441 | 0.6 | 18 | | 1425 | 0.1 | 3 | | 1534 | 1.0 | 30 | | 1559 | 0.1 | 3 |
| | 2032 | 5.3 | 162 | | 2016 | 5.7 | 174 | | 2119 | 4.5 | 137 | | 2155 | 5.1 | 155 |
| **2** Th | 0246 | 0.6 | 18 | **17** F | 0226 | −0.3 | −9 | **2** Su | 0330 | 1.0 | 30 | **17** M | 0358 | −0.2 | −6 |
| | 0905 | 5.9 | 180 | | 0838 | 6.8 | 207 | | 0956 | 5.4 | 165 | | 1021 | 6.3 | 192 |
| | 1521 | 0.8 | 24 | | 1516 | 0.2 | 6 | | 1615 | 1.1 | 34 | | 1656 | 0.3 | 9 |
| | 2111 | 4.9 | 149 | | 2108 | 5.5 | 168 | | 2204 | 4.3 | 131 | | 2301 | 5.0 | 152 |
| **3** F | 0323 | 0.8 | 24 | **18** Sa | 0317 | −0.1 | −3 | **3** M | 0411 | 1.1 | 34 | **18** Tu | 0458 | 0.1 | 3 |
| | 0947 | 5.6 | 171 | | 0933 | 6.6 | 201 | | 1045 | 5.2 | 158 | | 1126 | 5.9 | 180 |
| | 1602 | 1.1 | 34 | | 1611 | 0.4 | 12 | | 1659 | 1.3 | 40 | | 1756 | 0.4 | 12 |
| | 2154 | 4.6 | 140 | | 2207 | 5.2 | 158 | | 2255 | 4.1 | 125 | | | | |
| **4** Sa | 0401 | 1.0 | 30 | **19** Su | 0411 | 0.1 | 3 | **4** Tu | 0455 | 1.3 | 40 | **19** W | 0009 | 5.0 | 152 |
| | 1034 | 5.4 | 165 | | 1035 | 6.3 | 192 | | 1138 | 5.1 | 155 | | 0602 | 0.4 | 12 |
| | 1644 | 1.3 | 40 | | 1709 | 0.7 | 21 | | 1746 | 1.4 | 43 | | 1230 | 5.6 | 171 |
| | 2242 | 4.4 | 134 | | 2313 | 5.0 | 152 | | 2350 | 4.1 | 125 | ◑ | 1900 | 0.5 | 15 |
| **5** Su | 0443 | 1.3 | 40 | **20** M | 0509 | 0.4 | 12 | **5** W | 0546 | 1.4 | 43 | **20** Th | 0113 | 5.1 | 155 |
| | 1126 | 5.2 | 158 | | 1142 | 6.1 | 186 | | 1229 | 5.0 | 152 | | 0713 | 0.6 | 18 |
| | 1731 | 1.5 | 46 | | 1815 | 0.9 | 27 | | 1838 | 1.4 | 43 | | 1329 | 5.4 | 165 |
| | 2335 | 4.2 | 128 | | | | | ◐ | | | | | 2004 | 0.5 | 15 |
| **6** M | 0529 | 1.4 | 43 | **21** Tu | 0022 | 5.0 | 152 | **6** Th | 0045 | 4.2 | 128 | **21** F | 0213 | 5.2 | 158 |
| | 1220 | 5.1 | 155 | | 0615 | 0.6 | 18 | | 0645 | 1.4 | 43 | | 0824 | 0.7 | 21 |
| | 1825 | 1.7 | 52 | | 1249 | 5.9 | 180 | | 1319 | 5.0 | 152 | | 1426 | 5.2 | 158 |
| | | | | ◑ | 1926 | 1.0 | 30 | | 1932 | 1.2 | 37 | | 2102 | 0.5 | 15 |
| **7** Tu | 0030 | 4.2 | 128 | **22** W | 0128 | 5.0 | 152 | **7** F | 0138 | 4.5 | 137 | **22** Sa | 0309 | 5.4 | 165 |
| | 0624 | 1.5 | 46 | | 0729 | 0.7 | 21 | | 0750 | 1.3 | 40 | | 0929 | 0.7 | 21 |
| | 1313 | 5.1 | 155 | | 1352 | 5.8 | 177 | | 1408 | 5.1 | 155 | | 1519 | 5.0 | 152 |
| ◐ | 1924 | 1.7 | 52 | | 2035 | 0.9 | 27 | | 2026 | 1.0 | 30 | | 2151 | 0.4 | 12 |
| **8** W | 0124 | 4.2 | 128 | **23** Th | 0231 | 5.2 | 158 | **8** Sa | 0230 | 4.8 | 146 | **23** Su | 0402 | 5.5 | 168 |
| | 0728 | 1.5 | 46 | | 0842 | 0.7 | 21 | | 0854 | 1.1 | 34 | | 1024 | 0.6 | 18 |
| | 1404 | 5.2 | 158 | | 1451 | 5.7 | 174 | | 1457 | 5.2 | 158 | | 1611 | 4.8 | 146 |
| | 2024 | 1.6 | 49 | | 2134 | 0.7 | 21 | | 2116 | 0.6 | 18 | | 2236 | 0.3 | 9 |
| **9** Th | 0217 | 4.4 | 134 | **24** F | 0330 | 5.5 | 168 | **9** Su | 0321 | 5.3 | 162 | **24** M | 0451 | 5.7 | 174 |
| | 0834 | 1.4 | 43 | | 0946 | 0.6 | 18 | | 0952 | 0.8 | 24 | | 1112 | 0.5 | 15 |
| | 1453 | 5.3 | 162 | | 1547 | 5.6 | 171 | | 1548 | 5.3 | 162 | | 1659 | 4.7 | 143 |
| | 2117 | 1.3 | 40 | | 2223 | 0.5 | 15 | | 2204 | 0.3 | 9 | | 2316 | 0.3 | 9 |
| **10** F | 0308 | 4.7 | 143 | **25** Sa | 0425 | 5.7 | 174 | **10** M | 0412 | 5.8 | 177 | **25** Tu | 0536 | 5.8 | 177 |
| | 0932 | 1.2 | 37 | | 1041 | 0.5 | 15 | | 1045 | 0.5 | 15 | | 1155 | 0.5 | 15 |
| | 1541 | 5.4 | 165 | | 1639 | 5.5 | 168 | | 1639 | 5.4 | 165 | | 1743 | 4.7 | 143 |
| | 2203 | 1.0 | 30 | | 2306 | 0.4 | 12 | | 2251 | −0.1 | −3 | | 2355 | 0.3 | 9 |
| **11** Sa | 0359 | 5.1 | 155 | **26** Su | 0515 | 6.0 | 183 | **11** Tu | 0503 | 6.2 | 189 | **26** W | 0616 | 5.8 | 177 |
| | 1024 | 0.9 | 27 | | 1130 | 0.4 | 12 | | 1136 | 0.2 | 6 | | 1235 | 0.4 | 12 |
| | 1628 | 5.6 | 171 | | 1726 | 5.5 | 168 | | 1729 | 5.5 | 168 | | 1824 | 4.7 | 143 |
| | 2246 | 0.6 | 18 | | 2346 | 0.3 | 9 | | 2338 | −0.4 | −12 | | | | |
| **12** Su | 0447 | 5.6 | 171 | **27** M | 0600 | 6.1 | 186 | **12** W | 0552 | 6.6 | 201 | **27** Th | 0032 | 0.3 | 9 |
| | 1113 | 0.6 | 18 | | 1215 | 0.4 | 12 | | 1227 | 0.0 | 0 | | 0654 | 5.8 | 177 |
| | 1714 | 5.8 | 177 | | 1809 | 5.4 | 165 | | 1819 | 5.6 | 171 | | 1314 | 0.4 | 12 |
| | 2328 | 0.2 | 6 | | | | | | | | | ● | 1902 | 4.6 | 140 |
| **13** M | 0533 | 6.0 | 183 | **28** Tu | 0024 | 0.3 | 9 | **13** Th | 0026 | −0.6 | −18 | **28** F | 0110 | 0.3 | 9 |
| | 1200 | 0.3 | 9 | | 0641 | 6.2 | 189 | | 0642 | 6.9 | 210 | | 0731 | 5.7 | 174 |
| | 1759 | 5.9 | 180 | | 1257 | 0.4 | 12 | | 1318 | −0.2 | −6 | | 1352 | 0.5 | 15 |
| | | | | ● | 1849 | 5.3 | 162 | ○ | 1909 | 5.6 | 171 | | 1939 | 4.5 | 137 |
| **14** Tu | 0010 | −0.1 | −3 | **29** W | 0100 | 0.3 | 9 | **14** F | 0116 | −0.6 | −18 | **29** Sa | 0148 | 0.4 | 12 |
| | 0618 | 6.5 | 198 | | 0719 | 6.2 | 189 | | 0732 | 7.0 | 213 | | 0808 | 5.6 | 171 |
| | 1247 | 0.2 | 6 | | 1337 | 0.5 | 15 | | 1411 | −0.2 | −6 | | 1431 | 0.5 | 15 |
| ○ | 1843 | 6.0 | 183 | | 1926 | 5.1 | 155 | | 2000 | 5.5 | 168 | | 2015 | 4.4 | 134 |
| **15** W | 0053 | −0.3 | −9 | **30** Th | 0137 | 0.4 | 12 | **15** Sa | 0208 | −0.6 | −18 | **30** Su | 0226 | 0.5 | 15 |
| | 0702 | 6.7 | 204 | | 0755 | 6.0 | 183 | | 0824 | 6.9 | 210 | | 0846 | 5.5 | 168 |
| | 1335 | 0.1 | 3 | | 1415 | 0.6 | 18 | | 1504 | −0.1 | −3 | | 1510 | 0.6 | 18 |
| | 1928 | 5.9 | 180 | | 2003 | 4.9 | 149 | | 2054 | 5.3 | 162 | | 2052 | 4.2 | 128 |
| | | | | **31** F | 0213 | 0.6 | 18 | | | | | | | | |
| | | | | | 0833 | 5.8 | 177 | | | | | | | | |
| | | | | | 1454 | 0.8 | 24 | | | | | | | | |
| | | | | | 2040 | 4.7 | 143 | | | | | | | | |

## November

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm | h m | ft | cm | h m | ft | cm |
| **1** M | 0305 | 0.6 | 18 | **16** Tu | 0346 | −0.7 | −21 | **1** Tu | 0345 | 0.7 | 21 | **16** W | 0442 | −0.3 | −9 |
| | 0926 | 5.3 | 162 | | 1004 | 6.0 | 183 | | 1010 | 5.1 | 155 | | 1104 | 5.6 | 171 |
| | 1549 | 0.7 | 21 | | 1635 | −0.3 | −9 | | 1629 | 0.8 | 24 | | 1728 | −0.1 | −3 |
| | 2133 | 4.1 | 125 | | 2243 | 5.0 | 152 | | 2219 | 4.0 | 122 | | 2346 | 5.0 | 152 |
| **2** Tu | 0345 | 0.7 | 21 | **17** W | 0442 | −0.3 | −9 | **2** W | 0427 | 0.9 | 27 | **17** Th | 0542 | 0.1 | 3 |
| | 1010 | 5.1 | 155 | | 1104 | 5.6 | 171 | | 1056 | 4.9 | 149 | | 1203 | 5.2 | 158 |
| | 1629 | 0.8 | 24 | | 1728 | −0.1 | −3 | | 1710 | 0.8 | 24 | | 1824 | 0.1 | 3 |
| | 2219 | 4.0 | 122 | | 2346 | 5.0 | 152 | | 2310 | 4.1 | 125 | | | | |
| **3** W | 0427 | 0.9 | 27 | **18** Th | 0542 | 0.1 | 3 | **4** Th | 0513 | 1.0 | 30 | **19** F | 0047 | 5.0 | 152 |
| | 1056 | 4.9 | 149 | | 1203 | 5.2 | 158 | | 1145 | 4.8 | 146 | | 0647 | 0.4 | 12 |
| | 1710 | 0.8 | 24 | | 1824 | 0.1 | 3 | | 1754 | 0.8 | 24 | | 1259 | 4.8 | 146 |
| | 2310 | 4.1 | 125 | | | | | | | | | ◑ | 1922 | 0.2 | 6 |
| **4** Th | 0513 | 1.0 | 30 | **19** F | 0047 | 5.0 | 152 | **5** F | 0004 | 4.2 | 128 | **20** Sa | 0145 | 5.0 | 152 |
| | 1145 | 4.8 | 146 | | 0647 | 0.4 | 12 | | 0606 | 1.1 | 34 | | 0755 | 0.6 | 18 |
| | 1754 | 0.8 | 24 | | 1259 | 4.8 | 146 | | 1234 | 4.7 | 143 | | 1353 | 4.5 | 137 |
| | | | | ◑ | 1922 | 0.2 | 6 | ◐ | 1842 | 0.7 | 21 | | 2020 | 0.3 | 9 |
| **5** F | 0004 | 4.2 | 128 | **20** Sa | 0145 | 5.0 | 152 | **6** Sa | 0058 | 4.5 | 137 | **21** Su | 0239 | 5.0 | 152 |
| | 0606 | 1.1 | 34 | | 0755 | 0.6 | 18 | | 0708 | 1.1 | 34 | | 0901 | 0.7 | 21 |
| | 1234 | 4.7 | 143 | | 1353 | 4.5 | 137 | | 1324 | 4.7 | 143 | | 1446 | 4.3 | 131 |
| ◐ | 1842 | 0.7 | 21 | | 2020 | 0.3 | 9 | | 1935 | 0.5 | 15 | | 2114 | 0.3 | 9 |
| **6** Sa | 0058 | 4.5 | 137 | **21** Su | 0239 | 5.0 | 152 | **7** Su | 0151 | 4.8 | 146 | **22** M | 0332 | 5.1 | 155 |
| | 0708 | 1.1 | 34 | | 0901 | 0.7 | 21 | | 0815 | 0.9 | 27 | | 0958 | 0.7 | 21 |
| | 1324 | 4.7 | 143 | | 1446 | 4.3 | 131 | | 1416 | 4.7 | 143 | | 1539 | 4.1 | 125 |
| | 1935 | 0.5 | 15 | | 2114 | 0.3 | 9 | | 2030 | 0.2 | 6 | | 2202 | 0.3 | 9 |
| **7** Su | 0151 | 4.8 | 146 | **22** M | 0332 | 5.1 | 155 | **8** M | 0245 | 5.2 | 158 | **23** Tu | 0422 | 5.1 | 155 |
| | 0815 | 0.9 | 27 | | 0958 | 0.7 | 21 | | 0920 | 0.7 | 21 | | 1048 | 0.6 | 18 |
| | 1416 | 4.7 | 143 | | 1539 | 4.1 | 125 | | 1511 | 4.8 | 146 | | 1630 | 4.1 | 125 |
| | 2030 | 0.2 | 6 | | 2202 | 0.3 | 9 | | 2125 | −0.1 | −3 | | 2247 | 0.3 | 9 |
| **8** M | 0245 | 5.2 | 158 | **23** Tu | 0422 | 5.1 | 155 | **9** Tu | 0340 | 5.7 | 174 | **24** W | 0509 | 5.2 | 158 |
| | 0920 | 0.7 | 21 | | 1048 | 0.6 | 18 | | 1020 | 0.3 | 9 | | 1132 | 0.5 | 15 |
| | 1511 | 4.8 | 146 | | 1630 | 4.1 | 125 | | 1608 | 4.9 | 149 | | 1718 | 4.1 | 125 |
| | 2125 | −0.1 | −3 | | 2247 | 0.3 | 9 | | 2219 | −0.4 | −12 | | 2329 | 0.2 | 6 |
| **9** Tu | 0340 | 5.7 | 174 | **24** W | 0509 | 5.2 | 158 | **10** W | 0436 | 6.1 | 186 | **25** Th | 0553 | 5.3 | 162 |
| | 1020 | 0.3 | 9 | | 1132 | 0.5 | 15 | | 1116 | 0.0 | 0 | | 1212 | 0.4 | 12 |
| | 1608 | 4.9 | 149 | | 1718 | 4.1 | 125 | | 1704 | 5.0 | 152 | | 1801 | 4.2 | 128 |
| | 2219 | −0.4 | −12 | | 2329 | 0.2 | 6 | | 2312 | −0.7 | −21 | | | | |
| **10** W | 0436 | 6.1 | 186 | **25** Th | 0553 | 5.3 | 162 | **11** Th | 0532 | 6.4 | 195 | **26** F | 0009 | 0.1 | 3 |
| | 1116 | 0.0 | 0 | | 1212 | 0.4 | 12 | | 1210 | −0.3 | −9 | | 0633 | 5.4 | 165 |
| | 1704 | 5.0 | 152 | | 1801 | 4.2 | 128 | | 1759 | 5.2 | 158 | | 1252 | 0.3 | 9 |
| | 2312 | −0.7 | −21 | | | | | | | | | | 1840 | 4.2 | 128 |
| **11** Th | 0532 | 6.4 | 195 | **26** F | 0009 | 0.1 | 3 | **12** F | 0006 | −0.9 | −27 | **27** Sa | 0049 | 0.1 | 3 |
| | 1210 | −0.3 | −9 | | 0633 | 5.4 | 165 | | 0626 | 6.7 | 204 | | 0711 | 5.4 | 165 |
| | 1759 | 5.2 | 158 | | 1252 | 0.3 | 9 | | 1304 | −0.5 | −15 | | 1331 | 0.2 | 6 |
| | | | | | 1840 | 4.2 | 128 | ○ | 1853 | 5.3 | 162 | ● | 1917 | 4.2 | 128 |
| **12** F | 0006 | −0.9 | −27 | **27** Sa | 0049 | 0.1 | 3 | **13** Sa | 0100 | −1.0 | −30 | **28** Su | 0128 | 0.0 | 0 |
| | 0626 | 6.7 | 204 | | 0711 | 5.4 | 165 | | 0719 | 6.8 | 207 | | 0747 | 5.4 | 165 |
| | 1304 | −0.5 | −15 | | 1331 | 0.2 | 6 | | 1357 | −0.5 | −15 | | 1408 | 0.2 | 6 |
| ○ | 1853 | 5.3 | 162 | ● | 1917 | 4.2 | 128 | | 1947 | 5.3 | 162 | | 1953 | 4.2 | 128 |
| **13** Sa | 0100 | −1.0 | −30 | **28** Su | 0128 | 0.0 | 0 | **14** Su | 0155 | −1.0 | −30 | **29** M | 0206 | 0.1 | 3 |
| | 0719 | 6.8 | 207 | | 0747 | 5.4 | 165 | | 0812 | 6.7 | 204 | | 0823 | 5.3 | 162 |
| | 1357 | −0.5 | −15 | | 1408 | 0.2 | 6 | | 1450 | −0.5 | −15 | | 1446 | 0.2 | 6 |
| | 1947 | 5.3 | 162 | | 1953 | 4.2 | 128 | | 2042 | 5.2 | 158 | | 2028 | 4.2 | 128 |
| **14** Su | 0155 | −1.0 | −30 | **29** M | 0206 | 0.1 | 3 | **15** M | 0250 | −0.9 | −27 | **30** Tu | 0244 | 0.1 | 3 |
| | 0812 | 6.7 | 204 | | 0823 | 5.3 | 162 | | 0907 | 6.4 | 195 | | 0859 | 5.2 | 158 |
| | 1450 | −0.5 | −15 | | 1446 | 0.2 | 6 | | 1543 | −0.4 | −12 | | 1522 | 0.2 | 6 |
| | 2042 | 5.2 | 158 | | 2028 | 4.2 | 128 | | 2140 | 5.1 | 155 | | 2106 | 4.2 | 128 |
| **15** M | 0250 | −0.9 | −27 | **30** Tu | 0244 | 0.1 | 3 | | | | | **31** W | 0323 | 0.2 | 6 |
| | 0907 | 6.4 | 195 | | 0859 | 5.2 | 158 | | | | | | 0938 | 5.0 | 152 |
| | 1543 | −0.4 | −12 | | 1522 | 0.2 | 6 | | | | | | 1558 | 0.2 | 6 |
| | 2140 | 5.1 | 155 | | 2106 | 4.2 | 128 | | | | | | 2147 | 4.2 | 128 |

## December

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Charleston, South Carolina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0217 | 4.9 | 149 |
| | 0829 | 0.9 | 27 |
| | 1417 | 4.3 | 131 |
| | 2035 | 0.5 | 15 |
| **2** W | 0310 | 5.0 | 152 |
| | 0926 | 0.9 | 27 |
| | 1509 | 4.2 | 128 |
| | 2125 | 0.5 | 15 |
| **3** Th | 0401 | 5.1 | 155 |
| | 1020 | 0.8 | 24 |
| | 1601 | 4.2 | 128 |
| | 2214 | 0.4 | 12 |
| **4** F | 0451 | 5.2 | 158 |
| | 1110 | 0.6 | 18 |
| | 1652 | 4.3 | 131 |
| | 2301 | 0.3 | 9 |
| **5** Sa | 0539 | 5.4 | 165 |
| | 1156 | 0.5 | 15 |
| | 1740 | 4.4 | 134 |
| | 2347 | 0.2 | 6 |
| **6** Su | 0624 | 5.5 | 168 |
| | 1239 | 0.3 | 9 |
| | 1825 | 4.4 | 134 |
| **7** M | 0030 | 0.0 | 0 |
| | 0707 | 5.6 | 171 |
| | 1320 | 0.2 | 6 |
| | 1907 | 4.5 | 137 |
| **8** Tu ● | 0111 | −0.1 | −3 |
| | 0747 | 5.7 | 174 |
| | 1400 | 0.1 | 3 |
| | 1947 | 4.6 | 140 |
| **9** W | 0152 | −0.2 | −6 |
| | 0824 | 5.7 | 174 |
| | 1439 | 0.0 | 0 |
| | 2026 | 4.7 | 143 |
| **10** Th | 0233 | −0.2 | −6 |
| | 0900 | 5.7 | 174 |
| | 1517 | −0.1 | −3 |
| | 2104 | 4.8 | 146 |
| **11** F | 0315 | −0.2 | −6 |
| | 0936 | 5.6 | 171 |
| | 1557 | −0.2 | −6 |
| | 2145 | 4.9 | 149 |
| **12** Sa | 0400 | −0.1 | −3 |
| | 1015 | 5.4 | 165 |
| | 1638 | −0.2 | −6 |
| | 2230 | 5.0 | 152 |
| **13** Su | 0449 | 0.0 | 0 |
| | 1057 | 5.2 | 158 |
| | 1723 | −0.3 | −9 |
| | 2321 | 5.1 | 155 |
| **14** M | 0544 | 0.2 | 6 |
| | 1146 | 5.0 | 152 |
| | 1812 | −0.3 | −9 |
| **15** Tu ◐ | 0017 | 5.2 | 158 |
| | 0646 | 0.3 | 9 |
| | 1243 | 4.7 | 143 |
| | 1906 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0120 | 5.3 | 162 |
| | 0755 | 0.4 | 12 |
| | 1346 | 4.5 | 137 |
| | 2007 | −0.3 | −9 |
| **17** Th | 0228 | 5.5 | 168 |
| | 0906 | 0.4 | 12 |
| | 1455 | 4.4 | 134 |
| | 2111 | −0.4 | −12 |
| **18** F | 0338 | 5.6 | 171 |
| | 1014 | 0.2 | 6 |
| | 1604 | 4.5 | 137 |
| | 2216 | −0.5 | −15 |
| **19** Sa | 0445 | 5.8 | 177 |
| | 1117 | 0.0 | 0 |
| | 1709 | 4.6 | 140 |
| | 2317 | −0.7 | −21 |
| **20** Su | 0548 | 6.0 | 183 |
| | 1214 | −0.2 | −6 |
| | 1809 | 4.8 | 146 |
| **21** M | 0015 | −0.9 | −27 |
| | 0644 | 6.1 | 186 |
| | 1306 | −0.4 | −12 |
| | 1905 | 5.0 | 152 |
| **22** Tu ○ | 0109 | −1.0 | −30 |
| | 0736 | 6.2 | 189 |
| | 1355 | −0.5 | −15 |
| | 1957 | 5.2 | 158 |
| **23** W | 0200 | −1.0 | −30 |
| | 0823 | 6.1 | 186 |
| | 1441 | −0.6 | −18 |
| | 2045 | 5.2 | 158 |
| **24** Th | 0248 | −0.9 | −27 |
| | 0907 | 5.9 | 180 |
| | 1525 | −0.5 | −15 |
| | 2132 | 5.2 | 158 |
| **25** F | 0335 | −0.6 | −18 |
| | 0949 | 5.6 | 171 |
| | 1606 | −0.3 | −9 |
| | 2217 | 5.1 | 155 |
| **26** Sa | 0422 | −0.3 | −9 |
| | 1028 | 5.3 | 162 |
| | 1646 | −0.1 | −3 |
| | 2301 | 5.0 | 152 |
| **27** Su | 0508 | 0.1 | 3 |
| | 1108 | 4.9 | 149 |
| | 1725 | 0.1 | 3 |
| | 2346 | 4.9 | 149 |
| **28** M | 0556 | 0.4 | 12 |
| | 1150 | 4.6 | 140 |
| | 1805 | 0.3 | 9 |
| **29** Tu | 0033 | 4.8 | 146 |
| | 0647 | 0.7 | 21 |
| | 1235 | 4.3 | 131 |
| | 1847 | 0.5 | 15 |
| **30** W ◑ | 0124 | 4.7 | 143 |
| | 0742 | 0.9 | 27 |
| | 1325 | 4.0 | 122 |
| | 1936 | 0.6 | 18 |
| **31** Th | 0219 | 4.7 | 143 |
| | 0840 | 1.0 | 30 |
| | 1420 | 3.9 | 119 |
| | 2031 | 0.7 | 21 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0317 | 4.7 | 143 |
| | 0938 | 0.9 | 27 |
| | 1518 | 3.9 | 119 |
| | 2128 | 0.6 | 18 |
| **2** Sa | 0414 | 4.8 | 146 |
| | 1033 | 0.8 | 24 |
| | 1615 | 4.0 | 122 |
| | 2224 | 0.4 | 12 |
| **3** Su | 0507 | 5.0 | 152 |
| | 1123 | 0.6 | 18 |
| | 1708 | 4.2 | 128 |
| | 2316 | 0.2 | 6 |
| **4** M | 0556 | 5.3 | 162 |
| | 1208 | 0.3 | 9 |
| | 1757 | 4.4 | 134 |
| **5** Tu | 0004 | −0.1 | −3 |
| | 0641 | 5.5 | 168 |
| | 1251 | 0.1 | 3 |
| | 1842 | 4.6 | 140 |
| **6** W ● | 0049 | −0.3 | −9 |
| | 0722 | 5.6 | 171 |
| | 1332 | −0.2 | −6 |
| | 1925 | 4.9 | 149 |
| **7** Th | 0133 | −0.5 | −15 |
| | 0800 | 5.7 | 174 |
| | 1411 | −0.4 | −12 |
| | 2005 | 5.1 | 155 |
| **8** F | 0217 | −0.6 | −18 |
| | 0838 | 5.7 | 174 |
| | 1450 | −0.5 | −15 |
| | 2046 | 5.3 | 162 |
| **9** Sa | 0302 | −0.6 | −18 |
| | 0916 | 5.6 | 171 |
| | 1531 | −0.6 | −18 |
| | 2129 | 5.4 | 165 |
| **10** Su | 0349 | −0.5 | −15 |
| | 0956 | 5.4 | 165 |
| | 1612 | −0.6 | −18 |
| | 2214 | 5.5 | 168 |
| **11** M | 0439 | −0.3 | −9 |
| | 1040 | 5.1 | 155 |
| | 1658 | −0.6 | −18 |
| | 2304 | 5.6 | 171 |
| **12** Tu | 0533 | 0.0 | 0 |
| | 1129 | 4.8 | 146 |
| | 1748 | −0.4 | −12 |
| **13** W ◐ | 0000 | 5.5 | 168 |
| | 0634 | 0.2 | 6 |
| | 1226 | 4.6 | 140 |
| | 1844 | −0.3 | −9 |
| **14** Th | 0104 | 5.4 | 165 |
| | 0741 | 0.4 | 12 |
| | 1332 | 4.4 | 134 |
| | 1948 | −0.2 | −6 |
| **15** F | 0215 | 5.4 | 165 |
| | 0852 | 0.5 | 15 |
| | 1444 | 4.3 | 131 |
| | 2056 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0328 | 5.4 | 165 |
| | 1000 | 0.4 | 12 |
| | 1556 | 4.4 | 134 |
| | 2204 | −0.3 | −9 |
| **17** Su | 0436 | 5.5 | 168 |
| | 1102 | 0.1 | 3 |
| | 1701 | 4.6 | 140 |
| | 2306 | −0.5 | −15 |
| **18** M | 0537 | 5.7 | 174 |
| | 1157 | −0.1 | −3 |
| | 1800 | 4.9 | 149 |
| **19** Tu | 0003 | −0.7 | −21 |
| | 0630 | 5.8 | 177 |
| | 1247 | −0.3 | −9 |
| | 1852 | 5.2 | 158 |
| **20** W ○ | 0056 | −0.8 | −24 |
| | 0717 | 5.9 | 180 |
| | 1332 | −0.5 | −15 |
| | 1940 | 5.4 | 165 |
| **21** Th | 0144 | −0.8 | −24 |
| | 0800 | 5.8 | 177 |
| | 1414 | −0.5 | −15 |
| | 2024 | 5.5 | 168 |
| **22** F | 0229 | −0.7 | −21 |
| | 0839 | 5.6 | 171 |
| | 1453 | −0.4 | −12 |
| | 2105 | 5.5 | 168 |
| **23** Sa | 0313 | −0.5 | −15 |
| | 0916 | 5.4 | 165 |
| | 1530 | −0.3 | −9 |
| | 2144 | 5.4 | 165 |
| **24** Su | 0355 | −0.2 | −6 |
| | 0953 | 5.1 | 155 |
| | 1604 | −0.1 | −3 |
| | 2222 | 5.3 | 162 |
| **25** M | 0436 | 0.1 | 3 |
| | 1029 | 4.8 | 146 |
| | 1638 | 0.2 | 6 |
| | 2301 | 5.1 | 155 |
| **26** Tu | 0519 | 0.4 | 12 |
| | 1107 | 4.5 | 137 |
| | 1713 | 0.4 | 12 |
| | 2343 | 5.0 | 152 |
| **27** W | 0604 | 0.7 | 21 |
| | 1149 | 4.2 | 128 |
| | 1753 | 0.6 | 18 |
| **28** Th ◑ | 0030 | 4.8 | 146 |
| | 0654 | 0.9 | 27 |
| | 1237 | 4.0 | 122 |
| | 1840 | 0.8 | 24 |
| **29** F | 0125 | 4.7 | 143 |
| | 0750 | 1.1 | 34 |
| | 1333 | 3.9 | 119 |
| | 1937 | 0.9 | 27 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0227 | 4.6 | 140 |
| | 0850 | 1.1 | 34 |
| | 1433 | 3.9 | 119 |
| | 2041 | 0.8 | 24 |
| **2** Su | 0330 | 4.7 | 143 |
| | 0949 | 1.0 | 30 |
| | 1535 | 4.1 | 125 |
| | 2145 | 0.6 | 18 |
| **3** M | 0428 | 4.9 | 149 |
| | 1043 | 0.7 | 21 |
| | 1633 | 4.3 | 131 |
| | 2243 | 0.4 | 12 |
| **4** Tu | 0520 | 5.2 | 158 |
| | 1131 | 0.4 | 12 |
| | 1725 | 4.7 | 143 |
| | 2337 | 0.0 | 0 |
| **5** W | 0607 | 5.5 | 168 |
| | 1216 | 0.0 | 0 |
| | 1813 | 5.0 | 152 |
| **6** Th | 0026 | −0.3 | −9 |
| | 0650 | 5.6 | 171 |
| | 1258 | −0.3 | −9 |
| | 1858 | 5.4 | 165 |
| **7** F ● | 0114 | −0.5 | −15 |
| | 0732 | 5.7 | 174 |
| | 1340 | −0.6 | −18 |
| | 1942 | 5.7 | 174 |
| **8** Sa | 0201 | −0.6 | −18 |
| | 0813 | 5.7 | 174 |
| | 1422 | −0.8 | −24 |
| | 2026 | 6.0 | 183 |
| **9** Su | 0248 | −0.7 | −21 |
| | 0855 | 5.6 | 171 |
| | 1504 | −0.8 | −24 |
| | 2111 | 6.1 | 186 |
| **10** M | 0337 | −0.6 | −18 |
| | 0939 | 5.4 | 165 |
| | 1549 | −0.8 | −24 |
| | 2158 | 6.1 | 186 |
| **11** Tu | 0429 | −0.4 | −12 |
| | 1026 | 5.1 | 155 |
| | 1637 | −0.6 | −18 |
| | 2250 | 6.0 | 183 |
| **12** W | 0523 | −0.1 | −3 |
| | 1119 | 4.8 | 146 |
| | 1729 | −0.4 | −12 |
| | 2348 | 5.8 | 177 |
| **13** Th | 0624 | 0.2 | 6 |
| | 1219 | 4.6 | 140 |
| | 1829 | −0.1 | −3 |
| **14** F ◐ | 0054 | 5.6 | 171 |
| | 0729 | 0.5 | 15 |
| | 1327 | 4.5 | 137 |
| | 1935 | 0.1 | 3 |
| **15** Sa | 0205 | 5.4 | 165 |
| | 0838 | 0.5 | 15 |
| | 1439 | 4.5 | 137 |
| | 2045 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0317 | 5.4 | 165 |
| | 0943 | 0.5 | 15 |
| | 1548 | 4.6 | 140 |
| | 2152 | 0.0 | 0 |
| **17** M | 0422 | 5.4 | 165 |
| | 1043 | 0.3 | 9 |
| | 1650 | 4.9 | 149 |
| | 2254 | −0.1 | −3 |
| **18** Tu | 0518 | 5.5 | 168 |
| | 1135 | 0.0 | 0 |
| | 1745 | 5.2 | 158 |
| | 2349 | −0.3 | −9 |
| **19** W | 0608 | 5.6 | 171 |
| | 1221 | −0.1 | −3 |
| | 1834 | 5.5 | 168 |
| **20** Th | 0039 | −0.4 | −12 |
| | 0651 | 5.6 | 171 |
| | 1304 | −0.3 | −9 |
| | 1918 | 5.7 | 174 |
| **21** F ○ | 0125 | −0.4 | −12 |
| | 0731 | 5.5 | 168 |
| | 1342 | −0.3 | −9 |
| | 1958 | 5.8 | 177 |
| **22** Sa | 0208 | −0.3 | −9 |
| | 0809 | 5.3 | 162 |
| | 1418 | −0.2 | −6 |
| | 2036 | 5.8 | 177 |
| **23** Su | 0249 | −0.2 | −6 |
| | 0844 | 5.2 | 158 |
| | 1452 | 0.0 | 0 |
| | 2112 | 5.7 | 174 |
| **24** M | 0329 | 0.0 | 0 |
| | 0920 | 4.9 | 149 |
| | 1525 | 0.2 | 6 |
| | 2147 | 5.6 | 171 |
| **25** Tu | 0407 | 0.3 | 9 |
| | 0955 | 4.7 | 143 |
| | 1557 | 0.4 | 12 |
| | 2222 | 5.4 | 165 |
| **26** W | 0446 | 0.5 | 15 |
| | 1032 | 4.5 | 137 |
| | 1631 | 0.6 | 18 |
| | 2301 | 5.2 | 158 |
| **27** Th | 0528 | 0.8 | 24 |
| | 1112 | 4.3 | 131 |
| | 1710 | 0.8 | 24 |
| | 2344 | 5.0 | 152 |
| **28** F | 0613 | 1.0 | 30 |
| | 1157 | 4.2 | 128 |
| | 1756 | 0.9 | 27 |
| **29** Sa ◑ | 0036 | 4.9 | 149 |
| | 0706 | 1.1 | 34 |
| | 1251 | 4.1 | 125 |
| | 1852 | 1.0 | 30 |
| **30** Su | 0136 | 4.8 | 146 |
| | 0804 | 1.1 | 34 |
| | 1351 | 4.1 | 125 |
| | 1957 | 1.0 | 30 |
| **31** M | 0240 | 4.8 | 146 |
| | 0903 | 1.0 | 30 |
| | 1454 | 4.3 | 131 |
| | 2105 | 0.8 | 24 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Charleston, South Carolina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0340 | 5.0 | 152 |
| | 0958 | 0.7 | 21 |
| | 1554 | 4.6 | 140 |
| | 2209 | 0.6 | 18 |
| **2** W | 0435 | 5.2 | 158 |
| | 1049 | 0.3 | 9 |
| | 1649 | 5.1 | 155 |
| | 2307 | 0.2 | 6 |
| **3** Th | 0525 | 5.4 | 165 |
| | 1137 | −0.1 | −3 |
| | 1741 | 5.5 | 168 |
| **4** F | 0001 | −0.1 | −3 |
| | 0613 | 5.6 | 171 |
| | 1222 | −0.4 | −12 |
| | 1829 | 6.0 | 183 |
| **5** Sa ● | 0053 | −0.4 | −12 |
| | 0700 | 5.6 | 171 |
| | 1308 | −0.7 | −21 |
| | 1917 | 6.4 | 195 |
| **6** Su | 0144 | −0.6 | −18 |
| | 0746 | 5.6 | 171 |
| | 1353 | −0.8 | −24 |
| | 2005 | 6.6 | 201 |
| **7** M | 0234 | −0.6 | −18 |
| | 0834 | 5.5 | 168 |
| | 1439 | −0.9 | −27 |
| | 2054 | 6.7 | 204 |
| **8** Tu | 0325 | −0.5 | −15 |
| | 0923 | 5.3 | 162 |
| | 1528 | −0.7 | −21 |
| | 2145 | 6.6 | 201 |
| **9** W | 0418 | −0.3 | −9 |
| | 1016 | 5.1 | 155 |
| | 1620 | −0.5 | −15 |
| | 2240 | 6.3 | 192 |
| **10** Th | 0514 | −0.1 | −3 |
| | 1113 | 4.9 | 149 |
| | 1716 | −0.3 | −9 |
| | 2340 | 6.0 | 183 |
| **11** F | 0613 | 0.2 | 6 |
| | 1215 | 4.8 | 146 |
| | 1817 | 0.0 | 0 |
| **12** Sa ◐ | 0045 | 5.7 | 174 |
| | 0716 | 0.4 | 12 |
| | 1323 | 4.7 | 143 |
| | 1923 | 0.3 | 9 |
| **13** Su | 0152 | 5.5 | 168 |
| | 0819 | 0.5 | 15 |
| | 1430 | 4.8 | 146 |
| | 2031 | 0.4 | 12 |
| **14** M | 0257 | 5.4 | 165 |
| | 0920 | 0.4 | 12 |
| | 1534 | 5.0 | 152 |
| | 2137 | 0.3 | 9 |
| **15** Tu | 0356 | 5.3 | 162 |
| | 1015 | 0.3 | 9 |
| | 1632 | 5.2 | 158 |
| | 2237 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0448 | 5.3 | 162 |
| | 1105 | 0.1 | 3 |
| | 1723 | 5.5 | 168 |
| | 2330 | 0.1 | 3 |
| **17** Th | 0535 | 5.3 | 162 |
| | 1149 | 0.0 | 0 |
| | 1809 | 5.7 | 174 |
| **18** F | 0019 | 0.1 | 3 |
| | 0618 | 5.2 | 158 |
| | 1230 | 0.0 | 0 |
| | 1851 | 5.9 | 180 |
| **19** Sa | 0104 | 0.0 | 0 |
| | 0658 | 5.1 | 155 |
| | 1308 | 0.0 | 0 |
| | 1930 | 6.0 | 183 |
| **20** Su ○ | 0146 | 0.0 | 0 |
| | 0737 | 5.0 | 152 |
| | 1343 | 0.1 | 3 |
| | 2007 | 6.0 | 183 |
| **21** M | 0226 | 0.1 | 3 |
| | 0814 | 4.9 | 149 |
| | 1417 | 0.2 | 6 |
| | 2042 | 5.9 | 180 |
| **22** Tu | 0304 | 0.2 | 6 |
| | 0850 | 4.7 | 143 |
| | 1450 | 0.4 | 12 |
| | 2117 | 5.7 | 174 |
| **23** W | 0341 | 0.4 | 12 |
| | 0926 | 4.6 | 140 |
| | 1524 | 0.5 | 15 |
| | 2152 | 5.5 | 168 |
| **24** Th | 0419 | 0.6 | 18 |
| | 1003 | 4.4 | 134 |
| | 1559 | 0.7 | 21 |
| | 2229 | 5.4 | 165 |
| **25** F | 0459 | 0.8 | 24 |
| | 1042 | 4.3 | 131 |
| | 1639 | 0.8 | 24 |
| | 2310 | 5.2 | 158 |
| **26** Sa | 0542 | 0.9 | 27 |
| | 1126 | 4.3 | 131 |
| | 1725 | 0.9 | 27 |
| | 2358 | 5.1 | 155 |
| **27** Su | 0630 | 0.9 | 27 |
| | 1217 | 4.3 | 131 |
| | 1819 | 1.0 | 30 |
| **28** M ◑ | 0051 | 5.0 | 152 |
| | 0723 | 0.9 | 27 |
| | 1315 | 4.4 | 134 |
| | 1921 | 1.0 | 30 |
| **29** Tu | 0150 | 5.0 | 152 |
| | 0818 | 0.7 | 21 |
| | 1416 | 4.6 | 140 |
| | 2029 | 0.9 | 27 |
| **30** W | 0249 | 5.1 | 155 |
| | 0912 | 0.5 | 15 |
| | 1516 | 5.0 | 152 |
| | 2136 | 0.6 | 18 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0346 | 5.2 | 158 |
| | 1005 | 0.1 | 3 |
| | 1613 | 5.5 | 168 |
| | 2238 | 0.3 | 9 |
| **2** F | 0442 | 5.3 | 162 |
| | 1057 | −0.2 | −6 |
| | 1708 | 6.0 | 183 |
| | 2337 | 0.0 | 0 |
| **3** Sa | 0536 | 5.3 | 162 |
| | 1147 | −0.5 | −15 |
| | 1801 | 6.4 | 195 |
| **4** Su | 0033 | −0.3 | −9 |
| | 0629 | 5.4 | 165 |
| | 1237 | −0.8 | −24 |
| | 1854 | 6.7 | 204 |
| **5** M ● | 0126 | −0.5 | −15 |
| | 0721 | 5.4 | 165 |
| | 1327 | −0.9 | −27 |
| | 1946 | 6.9 | 210 |
| **6** Tu | 0219 | −0.6 | −18 |
| | 0815 | 5.3 | 162 |
| | 1418 | −0.9 | −27 |
| | 2040 | 6.9 | 210 |
| **7** W | 0312 | −0.5 | −15 |
| | 0909 | 5.2 | 158 |
| | 1511 | −0.7 | −21 |
| | 2135 | 6.7 | 204 |
| **8** Th | 0406 | −0.3 | −9 |
| | 1006 | 5.1 | 155 |
| | 1606 | −0.5 | −15 |
| | 2232 | 6.5 | 198 |
| **9** F | 0501 | −0.1 | −3 |
| | 1105 | 5.0 | 152 |
| | 1703 | −0.2 | −6 |
| | 2330 | 6.1 | 186 |
| **10** Sa | 0558 | 0.1 | 3 |
| | 1208 | 4.9 | 149 |
| | 1804 | 0.1 | 3 |
| **11** Su ◐ | 0030 | 5.8 | 177 |
| | 0656 | 0.2 | 6 |
| | 1311 | 4.9 | 149 |
| | 1908 | 0.3 | 9 |
| **12** M | 0129 | 5.5 | 168 |
| | 0754 | 0.3 | 9 |
| | 1413 | 5.0 | 152 |
| | 2012 | 0.5 | 15 |
| **13** Tu | 0226 | 5.3 | 162 |
| | 0849 | 0.3 | 9 |
| | 1511 | 5.2 | 158 |
| | 2115 | 0.6 | 18 |
| **14** W | 0320 | 5.1 | 155 |
| | 0941 | 0.2 | 6 |
| | 1605 | 5.4 | 165 |
| | 2213 | 0.5 | 15 |
| **15** Th | 0410 | 5.0 | 152 |
| | 1028 | 0.2 | 6 |
| | 1654 | 5.6 | 171 |
| | 2306 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0457 | 4.9 | 149 |
| | 1112 | 0.1 | 3 |
| | 1739 | 5.8 | 177 |
| | 2354 | 0.4 | 12 |
| **17** Sa | 0541 | 4.8 | 146 |
| | 1153 | 0.1 | 3 |
| | 1821 | 5.9 | 180 |
| **18** Su | 0039 | 0.3 | 9 |
| | 0624 | 4.7 | 143 |
| | 1232 | 0.2 | 6 |
| | 1901 | 5.9 | 180 |
| **19** M ○ | 0121 | 0.3 | 9 |
| | 0705 | 4.7 | 143 |
| | 1309 | 0.2 | 6 |
| | 1940 | 5.9 | 180 |
| **20** Tu | 0201 | 0.3 | 9 |
| | 0745 | 4.6 | 140 |
| | 1346 | 0.3 | 9 |
| | 2017 | 5.8 | 177 |
| **21** W | 0240 | 0.3 | 9 |
| | 0824 | 4.5 | 137 |
| | 1422 | 0.4 | 12 |
| | 2054 | 5.7 | 174 |
| **22** Th | 0318 | 0.4 | 12 |
| | 0902 | 4.4 | 134 |
| | 1458 | 0.5 | 15 |
| | 2130 | 5.6 | 171 |
| **23** F | 0356 | 0.5 | 15 |
| | 0939 | 4.4 | 134 |
| | 1535 | 0.6 | 18 |
| | 2207 | 5.5 | 168 |
| **24** Sa | 0435 | 0.6 | 18 |
| | 1019 | 4.3 | 131 |
| | 1616 | 0.7 | 21 |
| | 2245 | 5.3 | 162 |
| **25** Su | 0516 | 0.6 | 18 |
| | 1102 | 4.4 | 134 |
| | 1702 | 0.8 | 24 |
| | 2327 | 5.3 | 162 |
| **26** M | 0600 | 0.6 | 18 |
| | 1150 | 4.5 | 137 |
| | 1754 | 0.8 | 24 |
| **27** Tu ◑ | 0014 | 5.2 | 158 |
| | 0647 | 0.5 | 15 |
| | 1244 | 4.7 | 143 |
| | 1854 | 0.8 | 24 |
| **28** W | 0107 | 5.1 | 155 |
| | 0738 | 0.3 | 9 |
| | 1342 | 5.0 | 152 |
| | 1959 | 0.8 | 24 |
| **29** Th | 0204 | 5.0 | 152 |
| | 0831 | 0.1 | 3 |
| | 1442 | 5.4 | 165 |
| | 2107 | 0.6 | 18 |
| **30** F | 0303 | 5.0 | 152 |
| | 0926 | −0.2 | −6 |
| | 1541 | 5.8 | 177 |
| | 2212 | 0.4 | 12 |
| **31** Sa | 0403 | 5.0 | 152 |
| | 1021 | −0.4 | −12 |
| | 1639 | 6.2 | 189 |
| | 2315 | 0.1 | 3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0503 | 5.0 | 152 |
| | 1116 | −0.6 | −18 |
| | 1737 | 6.6 | 201 |
| **2** M | 0013 | −0.2 | −6 |
| | 0602 | 5.1 | 155 |
| | 1211 | −0.8 | −24 |
| | 1834 | 6.8 | 207 |
| **3** Tu ● | 0109 | −0.4 | −12 |
| | 0700 | 5.1 | 155 |
| | 1306 | −0.9 | −27 |
| | 1931 | 6.9 | 210 |
| **4** W | 0204 | −0.5 | −15 |
| | 0758 | 5.1 | 155 |
| | 1401 | −0.9 | −27 |
| | 2027 | 6.8 | 207 |
| **5** Th | 0258 | −0.5 | −15 |
| | 0856 | 5.1 | 155 |
| | 1456 | −0.8 | −24 |
| | 2123 | 6.7 | 204 |
| **6** F | 0351 | −0.4 | −12 |
| | 0954 | 5.1 | 155 |
| | 1551 | −0.6 | −18 |
| | 2219 | 6.4 | 195 |
| **7** Sa | 0444 | −0.3 | −9 |
| | 1052 | 5.1 | 155 |
| | 1648 | −0.3 | −9 |
| | 2313 | 6.1 | 186 |
| **8** Su | 0537 | −0.1 | −3 |
| | 1151 | 5.1 | 155 |
| | 1746 | 0.1 | 3 |
| **9** M | 0006 | 5.7 | 174 |
| | 0629 | 0.0 | 0 |
| | 1249 | 5.1 | 155 |
| | 1846 | 0.4 | 12 |
| **10** Tu ◐ | 0058 | 5.4 | 165 |
| | 0721 | 0.1 | 3 |
| | 1346 | 5.2 | 158 |
| | 1946 | 0.6 | 18 |
| **11** W | 0149 | 5.0 | 152 |
| | 0811 | 0.2 | 6 |
| | 1440 | 5.3 | 162 |
| | 2046 | 0.7 | 21 |
| **12** Th | 0238 | 4.8 | 146 |
| | 0900 | 0.2 | 6 |
| | 1531 | 5.4 | 165 |
| | 2143 | 0.7 | 21 |
| **13** F | 0328 | 4.6 | 140 |
| | 0947 | 0.3 | 9 |
| | 1620 | 5.5 | 168 |
| | 2236 | 0.7 | 21 |
| **14** Sa | 0416 | 4.5 | 137 |
| | 1032 | 0.3 | 9 |
| | 1706 | 5.6 | 171 |
| | 2325 | 0.6 | 18 |
| **15** Su | 0504 | 4.5 | 137 |
| | 1116 | 0.3 | 9 |
| | 1750 | 5.7 | 174 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0011 | 0.5 | 15 |
| | 0550 | 4.4 | 134 |
| | 1158 | 0.3 | 9 |
| | 1833 | 5.8 | 177 |
| **17** Tu | 0054 | 0.5 | 15 |
| | 0635 | 4.4 | 134 |
| | 1239 | 0.3 | 9 |
| | 1915 | 5.8 | 177 |
| **18** W ○ | 0135 | 0.4 | 12 |
| | 0718 | 4.4 | 134 |
| | 1319 | 0.3 | 9 |
| | 1955 | 5.8 | 177 |
| **19** Th | 0215 | 0.4 | 12 |
| | 0759 | 4.4 | 134 |
| | 1357 | 0.3 | 9 |
| | 2034 | 5.7 | 174 |
| **20** F | 0254 | 0.4 | 12 |
| | 0839 | 4.4 | 134 |
| | 1436 | 0.4 | 12 |
| | 2110 | 5.6 | 171 |
| **21** Sa | 0332 | 0.4 | 12 |
| | 0918 | 4.4 | 134 |
| | 1515 | 0.4 | 12 |
| | 2145 | 5.6 | 171 |
| **22** Su | 0409 | 0.3 | 9 |
| | 0957 | 4.5 | 137 |
| | 1557 | 0.5 | 15 |
| | 2221 | 5.5 | 168 |
| **23** M | 0449 | 0.3 | 9 |
| | 1039 | 4.6 | 140 |
| | 1643 | 0.6 | 18 |
| | 2300 | 5.4 | 165 |
| **24** Tu | 0530 | 0.2 | 6 |
| | 1126 | 4.8 | 146 |
| | 1735 | 0.6 | 18 |
| | 2344 | 5.2 | 158 |
| **25** W | 0615 | 0.1 | 3 |
| | 1217 | 5.0 | 152 |
| | 1832 | 0.7 | 21 |
| **26** Th ◑ | 0034 | 5.1 | 155 |
| | 0704 | 0.0 | 0 |
| | 1313 | 5.3 | 162 |
| | 1936 | 0.7 | 21 |
| **27** F | 0130 | 4.9 | 149 |
| | 0757 | −0.2 | −6 |
| | 1413 | 5.6 | 171 |
| | 2044 | 0.6 | 18 |
| **28** Sa | 0231 | 4.8 | 146 |
| | 0854 | −0.3 | −9 |
| | 1515 | 5.9 | 180 |
| | 2151 | 0.5 | 15 |
| **29** Su | 0334 | 4.8 | 146 |
| | 0953 | −0.5 | −15 |
| | 1617 | 6.2 | 189 |
| | 2255 | 0.2 | 6 |
| **30** M | 0438 | 4.8 | 146 |
| | 1053 | −0.6 | −18 |
| | 1719 | 6.5 | 198 |
| | 2356 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Charleston, South Carolina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0541 | 4.9 | 149 |
| | 1152 | −0.8 | −24 |
| | 1820 | 6.6 | 201 |
| **2** W ● | 0053 | −0.2 | −6 |
| | 0643 | 5.0 | 152 |
| | 1250 | −0.9 | −27 |
| | 1918 | 6.7 | 204 |
| **3** Th | 0148 | −0.3 | −9 |
| | 0743 | 5.1 | 155 |
| | 1346 | −0.9 | −27 |
| | 2014 | 6.7 | 204 |
| **4** F | 0240 | −0.4 | −12 |
| | 0840 | 5.2 | 158 |
| | 1441 | −0.8 | −24 |
| | 2107 | 6.5 | 198 |
| **5** Sa | 0331 | −0.4 | −12 |
| | 0937 | 5.3 | 162 |
| | 1535 | −0.5 | −15 |
| | 2158 | 6.3 | 192 |
| **6** Su | 0420 | −0.3 | −9 |
| | 1032 | 5.3 | 162 |
| | 1629 | −0.2 | −6 |
| | 2247 | 5.9 | 180 |
| **7** M | 0508 | −0.2 | −6 |
| | 1126 | 5.3 | 162 |
| | 1723 | 0.1 | 3 |
| | 2334 | 5.6 | 171 |
| **8** Tu | 0555 | 0.0 | 0 |
| | 1218 | 5.3 | 162 |
| | 1818 | 0.5 | 15 |
| **9** W ◐ | 0020 | 5.2 | 158 |
| | 0641 | 0.1 | 3 |
| | 1310 | 5.3 | 162 |
| | 1914 | 0.7 | 21 |
| **10** Th | 0107 | 4.9 | 149 |
| | 0727 | 0.3 | 9 |
| | 1401 | 5.3 | 162 |
| | 2011 | 0.9 | 27 |
| **11** F | 0155 | 4.6 | 140 |
| | 0815 | 0.4 | 12 |
| | 1452 | 5.3 | 162 |
| | 2107 | 1.0 | 30 |
| **12** Sa | 0245 | 4.4 | 134 |
| | 0903 | 0.5 | 15 |
| | 1542 | 5.4 | 165 |
| | 2201 | 1.0 | 30 |
| **13** Su | 0336 | 4.3 | 131 |
| | 0951 | 0.5 | 15 |
| | 1631 | 5.5 | 168 |
| | 2252 | 0.9 | 27 |
| **14** M | 0427 | 4.3 | 131 |
| | 1040 | 0.5 | 15 |
| | 1719 | 5.6 | 171 |
| | 2340 | 0.8 | 24 |
| **15** Tu | 0517 | 4.4 | 134 |
| | 1126 | 0.4 | 12 |
| | 1806 | 5.7 | 174 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0024 | 0.7 | 21 |
| | 0605 | 4.5 | 137 |
| | 1211 | 0.3 | 9 |
| | 1850 | 5.8 | 177 |
| **17** Th | 0107 | 0.5 | 15 |
| | 0651 | 4.5 | 137 |
| | 1254 | 0.3 | 9 |
| | 1931 | 5.8 | 177 |
| **18** F ○ | 0147 | 0.4 | 12 |
| | 0734 | 4.6 | 140 |
| | 1335 | 0.3 | 9 |
| | 2010 | 5.8 | 177 |
| **19** Sa | 0226 | 0.3 | 9 |
| | 0815 | 4.7 | 143 |
| | 1416 | 0.3 | 9 |
| | 2046 | 5.8 | 177 |
| **20** Su | 0303 | 0.2 | 6 |
| | 0854 | 4.8 | 146 |
| | 1458 | 0.3 | 9 |
| | 2121 | 5.7 | 174 |
| **21** M | 0341 | 0.1 | 3 |
| | 0934 | 4.9 | 149 |
| | 1541 | 0.4 | 12 |
| | 2157 | 5.6 | 171 |
| **22** Tu | 0419 | 0.0 | 0 |
| | 1016 | 5.1 | 155 |
| | 1628 | 0.4 | 12 |
| | 2235 | 5.4 | 165 |
| **23** W | 0501 | 0.0 | 0 |
| | 1102 | 5.3 | 162 |
| | 1719 | 0.6 | 18 |
| | 2319 | 5.3 | 162 |
| **24** Th | 0545 | −0.1 | −3 |
| | 1153 | 5.5 | 168 |
| | 1816 | 0.7 | 21 |
| **25** F ◑ | 0009 | 5.1 | 155 |
| | 0635 | −0.1 | −3 |
| | 1250 | 5.7 | 174 |
| | 1919 | 0.8 | 24 |
| **26** Sa | 0107 | 4.9 | 149 |
| | 0731 | −0.1 | −3 |
| | 1352 | 5.8 | 177 |
| | 2027 | 0.8 | 24 |
| **27** Su | 0210 | 4.8 | 146 |
| | 0831 | −0.2 | −6 |
| | 1458 | 6.0 | 183 |
| | 2135 | 0.7 | 21 |
| **28** M | 0317 | 4.7 | 143 |
| | 0935 | −0.3 | −9 |
| | 1604 | 6.2 | 189 |
| | 2240 | 0.5 | 15 |
| **29** Tu | 0424 | 4.8 | 146 |
| | 1038 | −0.4 | −12 |
| | 1708 | 6.4 | 195 |
| | 2340 | 0.2 | 6 |
| **30** W | 0529 | 5.0 | 152 |
| | 1139 | −0.6 | −18 |
| | 1809 | 6.5 | 198 |
| **31** Th | 0036 | 0.0 | 0 |
| | 0630 | 5.2 | 158 |
| | 1237 | −0.7 | −21 |
| | 1905 | 6.6 | 201 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0128 | −0.2 | −6 |
| | 0728 | 5.4 | 165 |
| | 1332 | −0.7 | −21 |
| | 1956 | 6.6 | 201 |
| **2** Sa | 0217 | −0.3 | −9 |
| | 0822 | 5.5 | 168 |
| | 1424 | −0.5 | −15 |
| | 2045 | 6.4 | 195 |
| **3** Su | 0304 | −0.3 | −9 |
| | 0914 | 5.6 | 171 |
| | 1515 | −0.3 | −9 |
| | 2130 | 6.1 | 186 |
| **4** M | 0349 | −0.2 | −6 |
| | 1004 | 5.6 | 171 |
| | 1605 | 0.0 | 0 |
| | 2213 | 5.8 | 177 |
| **5** Tu | 0432 | 0.0 | 0 |
| | 1052 | 5.6 | 171 |
| | 1655 | 0.4 | 12 |
| | 2256 | 5.4 | 165 |
| **6** W | 0514 | 0.2 | 6 |
| | 1140 | 5.5 | 168 |
| | 1746 | 0.7 | 21 |
| | 2339 | 5.1 | 155 |
| **7** Th | 0556 | 0.4 | 12 |
| | 1228 | 5.4 | 165 |
| | 1837 | 1.0 | 30 |
| **8** F ◐ | 0024 | 4.8 | 146 |
| | 0639 | 0.6 | 18 |
| | 1318 | 5.3 | 162 |
| | 1931 | 1.2 | 37 |
| **9** Sa | 0112 | 4.6 | 140 |
| | 0726 | 0.8 | 24 |
| | 1409 | 5.3 | 162 |
| | 2027 | 1.3 | 40 |
| **10** Su | 0204 | 4.4 | 134 |
| | 0817 | 0.9 | 27 |
| | 1503 | 5.3 | 162 |
| | 2122 | 1.3 | 40 |
| **11** M | 0258 | 4.4 | 134 |
| | 0911 | 0.9 | 27 |
| | 1556 | 5.4 | 165 |
| | 2216 | 1.2 | 37 |
| **12** Tu | 0353 | 4.4 | 134 |
| | 1004 | 0.8 | 24 |
| | 1647 | 5.5 | 168 |
| | 2305 | 1.1 | 34 |
| **13** W | 0445 | 4.6 | 140 |
| | 1055 | 0.7 | 21 |
| | 1736 | 5.7 | 174 |
| | 2351 | 0.9 | 27 |
| **14** Th | 0535 | 4.7 | 143 |
| | 1143 | 0.5 | 15 |
| | 1820 | 5.9 | 180 |
| **15** F | 0033 | 0.6 | 18 |
| | 0622 | 4.9 | 149 |
| | 1229 | 0.4 | 12 |
| | 1902 | 6.0 | 183 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0114 | 0.4 | 12 |
| | 0706 | 5.1 | 155 |
| | 1312 | 0.3 | 9 |
| | 1940 | 6.0 | 183 |
| **17** Su | 0153 | 0.2 | 6 |
| | 0748 | 5.3 | 162 |
| | 1356 | 0.2 | 6 |
| | 2017 | 6.0 | 183 |
| **18** M | 0231 | 0.1 | 3 |
| | 0828 | 5.5 | 168 |
| | 1440 | 0.2 | 6 |
| | 2054 | 5.9 | 180 |
| **19** Tu | 0310 | 0.0 | 0 |
| | 0909 | 5.7 | 174 |
| | 1525 | 0.3 | 9 |
| | 2132 | 5.7 | 174 |
| **20** W | 0350 | −0.1 | −3 |
| | 0953 | 5.8 | 177 |
| | 1614 | 0.4 | 12 |
| | 2213 | 5.5 | 168 |
| **21** Th | 0433 | −0.1 | −3 |
| | 1040 | 5.9 | 180 |
| | 1706 | 0.6 | 18 |
| | 2300 | 5.3 | 162 |
| **22** F | 0520 | 0.0 | 0 |
| | 1133 | 6.0 | 183 |
| | 1803 | 0.8 | 24 |
| | 2353 | 5.1 | 155 |
| **23** Sa ◑ | 0613 | 0.1 | 3 |
| | 1233 | 6.0 | 183 |
| | 1907 | 0.9 | 27 |
| **24** Su | 0054 | 4.9 | 149 |
| | 0713 | 0.1 | 3 |
| | 1340 | 6.0 | 183 |
| | 2015 | 1.0 | 30 |
| **25** M | 0202 | 4.8 | 146 |
| | 0818 | 0.2 | 6 |
| | 1449 | 6.1 | 186 |
| | 2123 | 0.9 | 27 |
| **26** Tu | 0311 | 4.9 | 149 |
| | 0925 | 0.1 | 3 |
| | 1557 | 6.2 | 189 |
| | 2226 | 0.7 | 21 |
| **27** W | 0419 | 5.1 | 155 |
| | 1029 | −0.1 | −3 |
| | 1659 | 6.3 | 192 |
| | 2324 | 0.5 | 15 |
| **28** Th | 0521 | 5.3 | 162 |
| | 1129 | −0.2 | −6 |
| | 1755 | 6.4 | 195 |
| **29** F | 0017 | 0.2 | 6 |
| | 0618 | 5.6 | 171 |
| | 1224 | −0.3 | −9 |
| | 1846 | 6.5 | 198 |
| **30** Sa ● | 0105 | 0.0 | 0 |
| | 0711 | 5.8 | 177 |
| | 1317 | −0.3 | −9 |
| | 1933 | 6.4 | 195 |
| **31** Su | 0150 | 0.0 | 0 |
| | 0800 | 6.0 | 183 |
| | 1406 | −0.2 | −6 |
| | 2016 | 6.2 | 189 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0233 | 0.0 | 0 |
| | 0847 | 6.0 | 183 |
| | 1453 | 0.1 | 3 |
| | 2058 | 6.0 | 183 |
| **2** Tu | 0313 | 0.1 | 3 |
| | 0931 | 6.0 | 183 |
| | 1539 | 0.3 | 9 |
| | 2137 | 5.7 | 174 |
| **3** W | 0352 | 0.3 | 9 |
| | 1014 | 5.9 | 180 |
| | 1625 | 0.6 | 18 |
| | 2217 | 5.4 | 165 |
| **4** Th | 0430 | 0.6 | 18 |
| | 1057 | 5.7 | 174 |
| | 1711 | 1.0 | 30 |
| | 2258 | 5.1 | 155 |
| **5** F | 0509 | 0.8 | 24 |
| | 1142 | 5.6 | 171 |
| | 1758 | 1.3 | 40 |
| | 2342 | 4.8 | 146 |
| **6** Sa | 0550 | 1.0 | 30 |
| | 1231 | 5.4 | 165 |
| | 1849 | 1.5 | 46 |
| **7** Su ◐ | 0030 | 4.6 | 140 |
| | 0637 | 1.2 | 37 |
| | 1325 | 5.3 | 162 |
| | 1943 | 1.6 | 49 |
| **8** M | 0124 | 4.5 | 137 |
| | 0731 | 1.3 | 40 |
| | 1421 | 5.3 | 162 |
| | 2040 | 1.6 | 49 |
| **9** Tu | 0221 | 4.5 | 137 |
| | 0829 | 1.3 | 40 |
| | 1518 | 5.4 | 165 |
| | 2135 | 1.5 | 46 |
| **10** W | 0318 | 4.6 | 140 |
| | 0928 | 1.1 | 34 |
| | 1611 | 5.6 | 171 |
| | 2226 | 1.3 | 40 |
| **11** Th | 0413 | 4.8 | 146 |
| | 1023 | 0.9 | 27 |
| | 1700 | 5.8 | 177 |
| | 2312 | 1.0 | 30 |
| **12** F | 0504 | 5.1 | 155 |
| | 1114 | 0.7 | 21 |
| | 1744 | 6.0 | 183 |
| | 2356 | 0.7 | 21 |
| **13** Sa | 0551 | 5.4 | 165 |
| | 1203 | 0.5 | 15 |
| | 1826 | 6.1 | 186 |
| **14** Su | 0037 | 0.4 | 12 |
| | 0636 | 5.7 | 174 |
| | 1249 | 0.3 | 9 |
| | 1907 | 6.1 | 186 |
| **15** M ○ | 0117 | 0.2 | 6 |
| | 0719 | 6.0 | 183 |
| | 1336 | 0.2 | 6 |
| | 1946 | 6.1 | 186 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0157 | 0.0 | 0 |
| | 0801 | 6.3 | 192 |
| | 1422 | 0.2 | 6 |
| | 2027 | 6.0 | 183 |
| **17** W | 0239 | −0.1 | −3 |
| | 0845 | 6.4 | 195 |
| | 1510 | 0.3 | 9 |
| | 2109 | 5.8 | 177 |
| **18** Th | 0322 | −0.1 | −3 |
| | 0932 | 6.5 | 198 |
| | 1601 | 0.4 | 12 |
| | 2155 | 5.6 | 171 |
| **19** F | 0409 | 0.0 | 0 |
| | 1023 | 6.5 | 198 |
| | 1654 | 0.6 | 18 |
| | 2246 | 5.4 | 165 |
| **20** Sa | 0500 | 0.1 | 3 |
| | 1120 | 6.3 | 192 |
| | 1753 | 0.9 | 27 |
| | 2344 | 5.2 | 158 |
| **21** Su | 0558 | 0.3 | 9 |
| | 1224 | 6.2 | 189 |
| | 1857 | 1.0 | 30 |
| **22** M ◑ | 0050 | 5.0 | 152 |
| | 0701 | 0.4 | 12 |
| | 1333 | 6.1 | 186 |
| | 2004 | 1.1 | 34 |
| **23** Tu | 0200 | 5.0 | 152 |
| | 0809 | 0.5 | 15 |
| | 1442 | 6.1 | 186 |
| | 2109 | 1.0 | 30 |
| **24** W | 0310 | 5.2 | 158 |
| | 0916 | 0.4 | 12 |
| | 1546 | 6.2 | 189 |
| | 2210 | 0.8 | 24 |
| **25** Th | 0414 | 5.4 | 165 |
| | 1020 | 0.3 | 9 |
| | 1644 | 6.2 | 189 |
| | 2304 | 0.6 | 18 |
| **26** F | 0512 | 5.7 | 174 |
| | 1117 | 0.2 | 6 |
| | 1736 | 6.3 | 192 |
| | 2353 | 0.3 | 9 |
| **27** Sa | 0604 | 6.0 | 183 |
| | 1210 | 0.1 | 3 |
| | 1822 | 6.2 | 189 |
| **28** Su | 0038 | 0.2 | 6 |
| | 0652 | 6.2 | 189 |
| | 1300 | 0.1 | 3 |
| | 1905 | 6.1 | 186 |
| **29** M ● | 0120 | 0.2 | 6 |
| | 0736 | 6.3 | 192 |
| | 1346 | 0.2 | 6 |
| | 1946 | 6.0 | 183 |
| **30** Tu | 0159 | 0.2 | 6 |
| | 0817 | 6.3 | 192 |
| | 1430 | 0.4 | 12 |
| | 2025 | 5.7 | 174 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Charleston, South Carolina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0237 | 0.4 | 12 |
| | 0857 | 6.3 | 192 |
| | 1513 | 0.6 | 18 |
| | 2103 | 5.5 | 168 |
| **2** Th | 0313 | 0.6 | 18 |
| | 0936 | 6.1 | 186 |
| | 1555 | 0.8 | 24 |
| | 2141 | 5.2 | 158 |
| **3** F | 0348 | 0.8 | 24 |
| | 1016 | 5.9 | 180 |
| | 1637 | 1.1 | 34 |
| | 2220 | 5.0 | 152 |
| **4** Sa | 0425 | 1.1 | 34 |
| | 1059 | 5.7 | 174 |
| | 1720 | 1.4 | 43 |
| | 2303 | 4.8 | 146 |
| **5** Su | 0505 | 1.2 | 37 |
| | 1146 | 5.5 | 168 |
| | 1807 | 1.6 | 49 |
| | 2350 | 4.7 | 143 |
| **6** M | 0552 | 1.4 | 43 |
| | 1239 | 5.4 | 165 |
| | 1859 | 1.7 | 52 |
| **7** Tu ◐ | 0043 | 4.6 | 140 |
| | 0645 | 1.5 | 46 |
| | 1336 | 5.3 | 162 |
| | 1954 | 1.7 | 52 |
| **8** W | 0141 | 4.6 | 140 |
| | 0746 | 1.5 | 46 |
| | 1433 | 5.4 | 165 |
| | 2049 | 1.5 | 46 |
| **9** Th | 0240 | 4.8 | 146 |
| | 0848 | 1.3 | 40 |
| | 1526 | 5.5 | 168 |
| | 2141 | 1.3 | 40 |
| **10** F | 0337 | 5.1 | 155 |
| | 0948 | 1.1 | 34 |
| | 1616 | 5.7 | 174 |
| | 2229 | 0.9 | 27 |
| **11** Sa | 0429 | 5.4 | 165 |
| | 1044 | 0.8 | 24 |
| | 1703 | 5.9 | 180 |
| | 2315 | 0.6 | 18 |
| **12** Su | 0518 | 5.9 | 180 |
| | 1136 | 0.6 | 18 |
| | 1748 | 6.0 | 183 |
| | 2358 | 0.2 | 6 |
| **13** M | 0605 | 6.3 | 192 |
| | 1227 | 0.3 | 9 |
| | 1832 | 6.0 | 183 |
| **14** Tu ○ | 0042 | 0.0 | 0 |
| | 0650 | 6.6 | 201 |
| | 1316 | 0.1 | 3 |
| | 1917 | 6.0 | 183 |
| **15** W | 0126 | −0.2 | −6 |
| | 0737 | 6.8 | 207 |
| | 1405 | 0.1 | 3 |
| | 2002 | 5.9 | 180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0212 | −0.3 | −9 |
| | 0825 | 6.9 | 210 |
| | 1456 | 0.1 | 3 |
| | 2050 | 5.8 | 177 |
| **17** F | 0300 | −0.3 | −9 |
| | 0915 | 6.9 | 210 |
| | 1548 | 0.3 | 9 |
| | 2141 | 5.6 | 171 |
| **18** Sa | 0351 | −0.1 | −3 |
| | 1010 | 6.7 | 204 |
| | 1643 | 0.5 | 15 |
| | 2237 | 5.4 | 165 |
| **19** Su | 0445 | 0.1 | 3 |
| | 1110 | 6.5 | 198 |
| | 1741 | 0.7 | 21 |
| | 2339 | 5.2 | 158 |
| **20** M | 0545 | 0.3 | 9 |
| | 1215 | 6.3 | 192 |
| | 1844 | 0.9 | 27 |
| **21** Tu ◑ | 0047 | 5.2 | 158 |
| | 0650 | 0.5 | 15 |
| | 1322 | 6.1 | 186 |
| | 1948 | 0.9 | 27 |
| **22** W | 0156 | 5.2 | 158 |
| | 0758 | 0.6 | 18 |
| | 1427 | 6.0 | 183 |
| | 2050 | 0.8 | 24 |
| **23** Th | 0302 | 5.4 | 165 |
| | 0905 | 0.6 | 18 |
| | 1527 | 5.9 | 180 |
| | 2147 | 0.7 | 21 |
| **24** F | 0402 | 5.7 | 174 |
| | 1006 | 0.5 | 15 |
| | 1621 | 5.9 | 180 |
| | 2238 | 0.5 | 15 |
| **25** Sa | 0456 | 5.9 | 180 |
| | 1103 | 0.4 | 12 |
| | 1710 | 5.8 | 177 |
| | 2325 | 0.3 | 9 |
| **26** Su | 0545 | 6.2 | 189 |
| | 1154 | 0.4 | 12 |
| | 1755 | 5.8 | 177 |
| **27** M | 0008 | 0.2 | 6 |
| | 0629 | 6.3 | 192 |
| | 1241 | 0.3 | 9 |
| | 1836 | 5.7 | 174 |
| **28** Tu ● | 0049 | 0.2 | 6 |
| | 0711 | 6.4 | 195 |
| | 1325 | 0.4 | 12 |
| | 1916 | 5.5 | 168 |
| **29** W | 0127 | 0.3 | 9 |
| | 0750 | 6.4 | 195 |
| | 1407 | 0.5 | 15 |
| | 1955 | 5.4 | 165 |
| **30** Th | 0203 | 0.5 | 15 |
| | 0828 | 6.3 | 192 |
| | 1447 | 0.6 | 18 |
| | 2032 | 5.2 | 158 |
| **31** F | 0239 | 0.6 | 18 |
| | 0905 | 6.1 | 186 |
| | 1527 | 0.8 | 24 |
| | 2110 | 5.0 | 152 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0314 | 0.8 | 24 |
| | 0943 | 5.9 | 180 |
| | 1606 | 1.0 | 30 |
| | 2148 | 4.9 | 149 |
| **2** Su | 0350 | 1.0 | 30 |
| | 1023 | 5.7 | 174 |
| | 1647 | 1.2 | 37 |
| | 2228 | 4.7 | 143 |
| **3** M | 0429 | 1.1 | 34 |
| | 1106 | 5.5 | 168 |
| | 1730 | 1.4 | 43 |
| | 2313 | 4.6 | 140 |
| **4** Tu | 0514 | 1.3 | 40 |
| | 1154 | 5.3 | 162 |
| | 1817 | 1.4 | 43 |
| **5** W ◐ | 0003 | 4.6 | 140 |
| | 0605 | 1.3 | 40 |
| | 1245 | 5.3 | 162 |
| | 1908 | 1.4 | 43 |
| **6** Th | 0059 | 4.6 | 140 |
| | 0704 | 1.4 | 43 |
| | 1340 | 5.3 | 162 |
| | 2000 | 1.2 | 37 |
| **7** F | 0158 | 4.8 | 146 |
| | 0808 | 1.3 | 40 |
| | 1434 | 5.3 | 162 |
| | 2053 | 1.0 | 30 |
| **8** Sa | 0256 | 5.2 | 158 |
| | 0912 | 1.1 | 34 |
| | 1528 | 5.4 | 165 |
| | 2144 | 0.6 | 18 |
| **9** Su | 0351 | 5.6 | 171 |
| | 1013 | 0.8 | 24 |
| | 1620 | 5.5 | 168 |
| | 2233 | 0.3 | 9 |
| **10** M | 0444 | 6.0 | 183 |
| | 1110 | 0.5 | 15 |
| | 1711 | 5.6 | 171 |
| | 2322 | −0.1 | −3 |
| **11** Tu | 0535 | 6.5 | 198 |
| | 1205 | 0.2 | 6 |
| | 1801 | 5.6 | 171 |
| **12** W | 0011 | −0.3 | −9 |
| | 0626 | 6.8 | 207 |
| | 1257 | 0.0 | 0 |
| | 1851 | 5.7 | 174 |
| **13** Th ○ | 0100 | −0.5 | −15 |
| | 0717 | 7.0 | 213 |
| | 1349 | −0.1 | −3 |
| | 1942 | 5.6 | 171 |
| **14** F | 0151 | −0.6 | −18 |
| | 0810 | 7.0 | 213 |
| | 1442 | −0.1 | −3 |
| | 2034 | 5.6 | 171 |
| **15** Sa | 0242 | −0.6 | −18 |
| | 0904 | 6.9 | 210 |
| | 1535 | 0.0 | 0 |
| | 2129 | 5.4 | 165 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0336 | −0.5 | −15 |
| | 1001 | 6.7 | 204 |
| | 1629 | 0.2 | 6 |
| | 2228 | 5.3 | 162 |
| **17** M | 0432 | −0.2 | −6 |
| | 1100 | 6.4 | 195 |
| | 1726 | 0.3 | 9 |
| | 2330 | 5.2 | 158 |
| **18** Tu | 0532 | 0.1 | 3 |
| | 1200 | 6.1 | 186 |
| | 1824 | 0.5 | 15 |
| **19** W ◑ | 0035 | 5.2 | 158 |
| | 0636 | 0.3 | 9 |
| | 1301 | 5.8 | 177 |
| | 1924 | 0.5 | 15 |
| **20** Th | 0141 | 5.2 | 158 |
| | 0742 | 0.5 | 15 |
| | 1401 | 5.6 | 171 |
| | 2022 | 0.5 | 15 |
| **21** F | 0243 | 5.4 | 165 |
| | 0846 | 0.6 | 18 |
| | 1457 | 5.4 | 165 |
| | 2116 | 0.4 | 12 |
| **22** Sa | 0341 | 5.6 | 171 |
| | 0947 | 0.6 | 18 |
| | 1550 | 5.3 | 162 |
| | 2207 | 0.3 | 9 |
| **23** Su | 0433 | 5.8 | 177 |
| | 1043 | 0.5 | 15 |
| | 1639 | 5.2 | 158 |
| | 2254 | 0.3 | 9 |
| **24** M | 0521 | 6.0 | 183 |
| | 1134 | 0.5 | 15 |
| | 1725 | 5.1 | 155 |
| | 2338 | 0.2 | 6 |
| **25** Tu | 0605 | 6.1 | 186 |
| | 1220 | 0.4 | 12 |
| | 1808 | 5.1 | 155 |
| **26** W | 0019 | 0.2 | 6 |
| | 0646 | 6.1 | 186 |
| | 1303 | 0.4 | 12 |
| | 1850 | 5.0 | 152 |
| **27** Th ● | 0058 | 0.3 | 9 |
| | 0726 | 6.1 | 186 |
| | 1344 | 0.4 | 12 |
| | 1929 | 4.9 | 149 |
| **28** F | 0136 | 0.3 | 9 |
| | 0805 | 6.0 | 183 |
| | 1424 | 0.5 | 15 |
| | 2008 | 4.9 | 149 |
| **29** Sa | 0212 | 0.4 | 12 |
| | 0842 | 5.9 | 180 |
| | 1502 | 0.6 | 18 |
| | 2045 | 4.8 | 146 |
| **30** Su | 0248 | 0.5 | 15 |
| | 0919 | 5.7 | 174 |
| | 1539 | 0.7 | 21 |
| | 2122 | 4.6 | 140 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0324 | 0.6 | 18 |
| | 0956 | 5.5 | 168 |
| | 1617 | 0.8 | 24 |
| | 2200 | 4.6 | 140 |
| **2** Tu | 0402 | 0.7 | 21 |
| | 1033 | 5.4 | 165 |
| | 1656 | 0.8 | 24 |
| | 2241 | 4.5 | 137 |
| **3** W | 0444 | 0.8 | 24 |
| | 1113 | 5.3 | 162 |
| | 1738 | 0.8 | 24 |
| | 2326 | 4.5 | 137 |
| **4** Th | 0532 | 0.9 | 27 |
| | 1157 | 5.1 | 155 |
| | 1823 | 0.8 | 24 |
| **5** F ◐ | 0018 | 4.6 | 140 |
| | 0628 | 1.0 | 30 |
| | 1247 | 5.0 | 152 |
| | 1913 | 0.7 | 21 |
| **6** Sa | 0114 | 4.9 | 149 |
| | 0731 | 1.0 | 30 |
| | 1341 | 5.0 | 152 |
| | 2005 | 0.5 | 15 |
| **7** Su | 0213 | 5.2 | 158 |
| | 0838 | 0.9 | 27 |
| | 1439 | 4.9 | 149 |
| | 2100 | 0.2 | 6 |
| **8** M | 0313 | 5.5 | 168 |
| | 0944 | 0.6 | 18 |
| | 1539 | 5.0 | 152 |
| | 2155 | −0.1 | −3 |
| **9** Tu | 0412 | 5.9 | 180 |
| | 1046 | 0.3 | 9 |
| | 1637 | 5.0 | 152 |
| | 2251 | −0.4 | −12 |
| **10** W | 0510 | 6.3 | 192 |
| | 1145 | 0.0 | 0 |
| | 1735 | 5.1 | 155 |
| | 2346 | −0.7 | −21 |
| **11** Th | 0607 | 6.6 | 201 |
| | 1241 | −0.2 | −6 |
| | 1831 | 5.2 | 158 |
| **12** F ○ | 0040 | −0.9 | −27 |
| | 0703 | 6.8 | 207 |
| | 1334 | −0.4 | −12 |
| | 1926 | 5.3 | 162 |
| **13** Sa | 0134 | −1.0 | −30 |
| | 0759 | 6.8 | 207 |
| | 1427 | −0.4 | −12 |
| | 2022 | 5.3 | 162 |
| **14** Su | 0228 | −1.0 | −30 |
| | 0854 | 6.7 | 204 |
| | 1519 | −0.4 | −12 |
| | 2118 | 5.3 | 162 |
| **15** M | 0323 | −0.9 | −27 |
| | 0948 | 6.5 | 198 |
| | 1612 | −0.3 | −9 |
| | 2215 | 5.3 | 162 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0418 | −0.6 | −18 |
| | 1043 | 6.2 | 189 |
| | 1704 | −0.2 | −6 |
| | 2314 | 5.2 | 158 |
| **17** W | 0516 | −0.3 | −9 |
| | 1137 | 5.8 | 177 |
| | 1757 | 0.0 | 0 |
| **18** Th | 0014 | 5.2 | 158 |
| | 0615 | 0.1 | 3 |
| | 1231 | 5.4 | 165 |
| | 1851 | 0.1 | 3 |
| **19** F ◑ | 0114 | 5.2 | 158 |
| | 0717 | 0.4 | 12 |
| | 1325 | 5.1 | 155 |
| | 1945 | 0.2 | 6 |
| **20** Sa | 0213 | 5.2 | 158 |
| | 0820 | 0.6 | 18 |
| | 1419 | 4.8 | 146 |
| | 2039 | 0.3 | 9 |
| **21** Su | 0310 | 5.3 | 162 |
| | 0921 | 0.6 | 18 |
| | 1513 | 4.6 | 140 |
| | 2130 | 0.3 | 9 |
| **22** M | 0403 | 5.4 | 165 |
| | 1018 | 0.6 | 18 |
| | 1605 | 4.5 | 137 |
| | 2220 | 0.3 | 9 |
| **23** Tu | 0453 | 5.5 | 168 |
| | 1109 | 0.5 | 15 |
| | 1654 | 4.5 | 137 |
| | 2307 | 0.2 | 6 |
| **24** W | 0540 | 5.6 | 171 |
| | 1156 | 0.4 | 12 |
| | 1741 | 4.5 | 137 |
| | 2351 | 0.2 | 6 |
| **25** Th | 0624 | 5.7 | 174 |
| | 1240 | 0.3 | 9 |
| | 1825 | 4.6 | 140 |
| **26** F | 0033 | 0.1 | 3 |
| | 0705 | 5.7 | 174 |
| | 1321 | 0.3 | 9 |
| | 1907 | 4.6 | 140 |
| **27** Sa ● | 0113 | 0.1 | 3 |
| | 0745 | 5.7 | 174 |
| | 1400 | 0.2 | 6 |
| | 1947 | 4.6 | 140 |
| **28** Su | 0150 | 0.1 | 3 |
| | 0823 | 5.6 | 171 |
| | 1437 | 0.2 | 6 |
| | 2025 | 4.6 | 140 |
| **29** M | 0227 | 0.1 | 3 |
| | 0859 | 5.5 | 168 |
| | 1513 | 0.2 | 6 |
| | 2101 | 4.6 | 140 |
| **30** Tu | 0303 | 0.2 | 6 |
| | 0932 | 5.4 | 165 |
| | 1549 | 0.3 | 9 |
| | 2136 | 4.5 | 137 |
| **31** W | 0341 | 0.3 | 9 |
| | 1005 | 5.3 | 162 |
| | 1625 | 0.2 | 6 |
| | 2213 | 4.6 | 140 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Savannah River Entrance, Georgia, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0221 | 6.4 | 195 |
| | 0843 | 1.2 | 37 |
| | 1428 | 5.9 | 180 |
| | 2047 | 0.9 | 27 |
| **2** W | 0312 | 6.4 | 195 |
| | 0941 | 1.2 | 37 |
| | 1519 | 5.7 | 174 |
| | 2139 | 0.8 | 24 |
| **3** Th | 0403 | 6.5 | 198 |
| | 1034 | 1.1 | 34 |
| | 1611 | 5.7 | 174 |
| | 2229 | 0.7 | 21 |
| **4** F | 0454 | 6.7 | 204 |
| | 1124 | 0.9 | 27 |
| | 1703 | 5.8 | 177 |
| | 2318 | 0.5 | 15 |
| **5** Sa | 0544 | 6.8 | 207 |
| | 1210 | 0.7 | 21 |
| | 1753 | 5.9 | 180 |
| **6** Su | 0004 | 0.4 | 12 |
| | 0631 | 7.0 | 213 |
| | 1255 | 0.5 | 15 |
| | 1838 | 6.0 | 183 |
| **7** M | 0049 | 0.2 | 6 |
| | 0713 | 7.2 | 219 |
| | 1337 | 0.2 | 6 |
| | 1921 | 6.2 | 189 |
| **8** Tu ● | 0133 | 0.0 | 0 |
| | 0753 | 7.3 | 223 |
| | 1418 | 0.1 | 3 |
| | 2000 | 6.3 | 192 |
| **9** W | 0215 | −0.2 | −6 |
| | 0830 | 7.3 | 223 |
| | 1458 | −0.1 | −3 |
| | 2038 | 6.4 | 195 |
| **10** Th | 0257 | −0.2 | −6 |
| | 0906 | 7.3 | 223 |
| | 1537 | −0.2 | −6 |
| | 2117 | 6.5 | 198 |
| **11** F | 0338 | −0.2 | −6 |
| | 0944 | 7.2 | 219 |
| | 1616 | −0.3 | −9 |
| | 2159 | 6.6 | 201 |
| **12** Sa | 0421 | −0.2 | −6 |
| | 1025 | 7.1 | 216 |
| | 1657 | −0.3 | −9 |
| | 2246 | 6.7 | 204 |
| **13** Su | 0508 | 0.0 | 0 |
| | 1111 | 6.8 | 207 |
| | 1741 | −0.3 | −9 |
| | 2338 | 6.8 | 207 |
| **14** M | 0559 | 0.2 | 6 |
| | 1204 | 6.6 | 201 |
| | 1830 | −0.2 | −6 |
| **15** Tu ◐ | 0035 | 6.9 | 210 |
| | 0659 | 0.5 | 15 |
| | 1301 | 6.3 | 192 |
| | 1926 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0135 | 7.0 | 213 |
| | 0807 | 0.6 | 18 |
| | 1401 | 6.1 | 186 |
| | 2028 | −0.1 | −3 |
| **17** Th | 0237 | 7.2 | 219 |
| | 0919 | 0.6 | 18 |
| | 1505 | 6.0 | 183 |
| | 2134 | −0.2 | −6 |
| **18** F | 0342 | 7.3 | 223 |
| | 1028 | 0.4 | 12 |
| | 1611 | 6.1 | 186 |
| | 2238 | −0.4 | −12 |
| **19** Sa | 0448 | 7.5 | 229 |
| | 1131 | 0.1 | 3 |
| | 1717 | 6.2 | 189 |
| | 2339 | −0.7 | −21 |
| **20** Su | 0551 | 7.7 | 235 |
| | 1229 | −0.2 | −6 |
| | 1818 | 6.5 | 198 |
| **21** M | 0037 | −1.0 | −30 |
| | 0649 | 7.9 | 241 |
| | 1323 | −0.5 | −15 |
| | 1914 | 6.7 | 204 |
| **22** Tu ○ | 0131 | −1.1 | −34 |
| | 0741 | 8.0 | 244 |
| | 1412 | −0.6 | −18 |
| | 2005 | 6.9 | 210 |
| **23** W | 0222 | −1.1 | −34 |
| | 0828 | 7.9 | 241 |
| | 1458 | −0.7 | −21 |
| | 2053 | 6.9 | 210 |
| **24** Th | 0310 | −1.0 | −30 |
| | 0913 | 7.7 | 235 |
| | 1540 | −0.6 | −18 |
| | 2139 | 6.9 | 210 |
| **25** F | 0355 | −0.7 | −21 |
| | 0956 | 7.4 | 226 |
| | 1620 | −0.4 | −12 |
| | 2225 | 6.8 | 207 |
| **26** Sa | 0438 | −0.3 | −9 |
| | 1039 | 7.0 | 213 |
| | 1658 | −0.2 | −6 |
| | 2310 | 6.6 | 201 |
| **27** Su | 0521 | 0.2 | 6 |
| | 1122 | 6.5 | 198 |
| | 1735 | 0.1 | 3 |
| | 2356 | 6.4 | 195 |
| **28** M | 0606 | 0.6 | 18 |
| | 1207 | 6.1 | 186 |
| | 1813 | 0.5 | 15 |
| **29** Tu | 0044 | 6.3 | 192 |
| | 0655 | 1.0 | 30 |
| | 1254 | 5.8 | 177 |
| | 1857 | 0.7 | 21 |
| **30** W ◑ | 0132 | 6.2 | 189 |
| | 0750 | 1.3 | 40 |
| | 1343 | 5.5 | 168 |
| | 1947 | 0.9 | 27 |
| **31** Th | 0224 | 6.1 | 186 |
| | 0851 | 1.4 | 43 |
| | 1435 | 5.4 | 165 |
| | 2045 | 1.0 | 30 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0318 | 6.1 | 186 |
| | 0951 | 1.3 | 40 |
| | 1530 | 5.4 | 165 |
| | 2145 | 0.9 | 27 |
| **2** Sa | 0415 | 6.2 | 189 |
| | 1046 | 1.1 | 34 |
| | 1626 | 5.5 | 168 |
| | 2242 | 0.7 | 21 |
| **3** Su | 0511 | 6.4 | 195 |
| | 1137 | 0.8 | 24 |
| | 1720 | 5.7 | 174 |
| | 2334 | 0.4 | 12 |
| **4** M | 0602 | 6.7 | 204 |
| | 1224 | 0.5 | 15 |
| | 1810 | 6.0 | 183 |
| **5** Tu | 0023 | 0.1 | 3 |
| | 0648 | 7.0 | 213 |
| | 1308 | 0.1 | 3 |
| | 1855 | 6.3 | 192 |
| **6** W ● | 0110 | −0.2 | −6 |
| | 0729 | 7.3 | 223 |
| | 1351 | −0.2 | −6 |
| | 1937 | 6.6 | 201 |
| **7** Th | 0155 | −0.5 | −15 |
| | 0807 | 7.4 | 226 |
| | 1432 | −0.5 | −15 |
| | 2017 | 6.9 | 210 |
| **8** F | 0239 | −0.6 | −18 |
| | 0845 | 7.4 | 226 |
| | 1512 | −0.7 | −21 |
| | 2057 | 7.1 | 216 |
| **9** Sa | 0323 | −0.7 | −21 |
| | 0924 | 7.3 | 223 |
| | 1552 | −0.8 | −24 |
| | 2140 | 7.2 | 219 |
| **10** Su | 0408 | −0.6 | −18 |
| | 1005 | 7.1 | 216 |
| | 1633 | −0.8 | −24 |
| | 2226 | 7.3 | 223 |
| **11** M | 0455 | −0.4 | −12 |
| | 1052 | 6.8 | 207 |
| | 1718 | −0.7 | −21 |
| | 2318 | 7.3 | 223 |
| **12** Tu | 0546 | −0.1 | −3 |
| | 1145 | 6.5 | 198 |
| | 1807 | −0.4 | −12 |
| **13** W ◐ | 0015 | 7.2 | 219 |
| | 0644 | 0.3 | 9 |
| | 1243 | 6.2 | 189 |
| | 1903 | −0.2 | −6 |
| **14** Th | 0116 | 7.1 | 216 |
| | 0751 | 0.6 | 18 |
| | 1346 | 6.0 | 183 |
| | 2009 | 0.0 | 0 |
| **15** F | 0221 | 7.0 | 213 |
| | 0905 | 0.7 | 21 |
| | 1452 | 5.9 | 180 |
| | 2119 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0329 | 7.0 | 213 |
| | 1015 | 0.6 | 18 |
| | 1601 | 5.9 | 180 |
| | 2226 | −0.2 | −6 |
| **17** Su | 0437 | 7.2 | 219 |
| | 1117 | 0.3 | 9 |
| | 1708 | 6.2 | 189 |
| | 2328 | −0.4 | −12 |
| **18** M | 0540 | 7.3 | 223 |
| | 1213 | 0.0 | 0 |
| | 1808 | 6.5 | 198 |
| **19** Tu | 0025 | −0.7 | −21 |
| | 0635 | 7.5 | 229 |
| | 1304 | −0.3 | −9 |
| | 1901 | 6.8 | 207 |
| **20** W ○ | 0117 | −0.8 | −24 |
| | 0723 | 7.6 | 232 |
| | 1350 | −0.5 | −15 |
| | 1948 | 7.1 | 216 |
| **21** Th | 0205 | −0.9 | −27 |
| | 0806 | 7.6 | 232 |
| | 1432 | −0.6 | −18 |
| | 2031 | 7.2 | 219 |
| **22** F | 0250 | −0.8 | −24 |
| | 0846 | 7.4 | 226 |
| | 1510 | −0.5 | −15 |
| | 2111 | 7.2 | 219 |
| **23** Sa | 0332 | −0.5 | −15 |
| | 0925 | 7.1 | 216 |
| | 1546 | −0.4 | −12 |
| | 2151 | 7.1 | 216 |
| **24** Su | 0411 | −0.2 | −6 |
| | 1003 | 6.8 | 207 |
| | 1619 | −0.1 | −3 |
| | 2230 | 6.9 | 210 |
| **25** M | 0450 | 0.2 | 6 |
| | 1043 | 6.4 | 195 |
| | 1653 | 0.2 | 6 |
| | 2311 | 6.7 | 204 |
| **26** Tu | 0529 | 0.6 | 18 |
| | 1125 | 6.0 | 183 |
| | 1728 | 0.5 | 15 |
| | 2355 | 6.4 | 195 |
| **27** W | 0612 | 1.0 | 30 |
| | 1211 | 5.7 | 174 |
| | 1807 | 0.8 | 24 |
| **28** Th ◑ | 0043 | 6.2 | 189 |
| | 0700 | 1.3 | 40 |
| | 1300 | 5.5 | 168 |
| | 1854 | 1.1 | 34 |
| **29** F | 0136 | 6.1 | 186 |
| | 0758 | 1.5 | 46 |
| | 1353 | 5.4 | 165 |
| | 1953 | 1.2 | 37 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0233 | 6.0 | 183 |
| | 0902 | 1.5 | 46 |
| | 1449 | 5.4 | 165 |
| | 2100 | 1.2 | 37 |
| **2** Su | 0332 | 6.1 | 186 |
| | 1004 | 1.3 | 40 |
| | 1547 | 5.5 | 168 |
| | 2204 | 1.0 | 30 |
| **3** M | 0431 | 6.3 | 192 |
| | 1058 | 0.9 | 27 |
| | 1644 | 5.8 | 177 |
| | 2302 | 0.6 | 18 |
| **4** Tu | 0526 | 6.7 | 204 |
| | 1148 | 0.5 | 15 |
| | 1737 | 6.2 | 189 |
| | 2355 | 0.2 | 6 |
| **5** W | 0614 | 7.0 | 213 |
| | 1234 | 0.1 | 3 |
| | 1825 | 6.7 | 204 |
| **6** Th | 0045 | −0.2 | −6 |
| | 0658 | 7.3 | 223 |
| | 1318 | −0.4 | −12 |
| | 1910 | 7.2 | 219 |
| **7** F ● | 0133 | −0.5 | −15 |
| | 0740 | 7.5 | 229 |
| | 1401 | −0.7 | −21 |
| | 1952 | 7.6 | 232 |
| **8** Sa | 0221 | −0.8 | −24 |
| | 0820 | 7.5 | 229 |
| | 1444 | −1.0 | −30 |
| | 2035 | 7.9 | 241 |
| **9** Su | 0307 | −0.8 | −24 |
| | 0902 | 7.4 | 226 |
| | 1527 | −1.0 | −30 |
| | 2120 | 8.0 | 244 |
| **10** M | 0354 | −0.8 | −24 |
| | 0947 | 7.2 | 219 |
| | 1611 | −0.9 | −27 |
| | 2208 | 8.0 | 244 |
| **11** Tu | 0443 | −0.5 | −15 |
| | 1037 | 6.9 | 210 |
| | 1657 | −0.7 | −21 |
| | 2301 | 7.8 | 238 |
| **12** W | 0534 | −0.1 | −3 |
| | 1132 | 6.5 | 198 |
| | 1749 | −0.4 | −12 |
| **13** Th | 0000 | 7.5 | 229 |
| | 0632 | 0.3 | 9 |
| | 1233 | 6.2 | 189 |
| | 1847 | 0.0 | 0 |
| **14** F ◐ | 0104 | 7.3 | 223 |
| | 0739 | 0.7 | 21 |
| | 1338 | 6.0 | 183 |
| | 1955 | 0.3 | 9 |
| **15** Sa | 0210 | 7.1 | 216 |
| | 0851 | 0.8 | 24 |
| | 1445 | 6.0 | 183 |
| | 2107 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0317 | 7.0 | 213 |
| | 0959 | 0.7 | 21 |
| | 1552 | 6.2 | 189 |
| | 2215 | 0.2 | 6 |
| **17** M | 0422 | 7.0 | 213 |
| | 1059 | 0.4 | 12 |
| | 1656 | 6.5 | 198 |
| | 2315 | 0.0 | 0 |
| **18** Tu | 0522 | 7.1 | 216 |
| | 1151 | 0.1 | 3 |
| | 1753 | 6.8 | 207 |
| **19** W | 0010 | −0.2 | −6 |
| | 0614 | 7.3 | 223 |
| | 1238 | −0.1 | −3 |
| | 1842 | 7.2 | 219 |
| **20** Th | 0059 | −0.4 | −12 |
| | 0659 | 7.3 | 223 |
| | 1321 | −0.3 | −9 |
| | 1926 | 7.4 | 226 |
| **21** F ○ | 0145 | −0.4 | −12 |
| | 0739 | 7.3 | 223 |
| | 1400 | −0.3 | −9 |
| | 2005 | 7.5 | 229 |
| **22** Sa | 0228 | −0.4 | −12 |
| | 0817 | 7.1 | 216 |
| | 1436 | −0.2 | −6 |
| | 2042 | 7.5 | 229 |
| **23** Su | 0307 | −0.2 | −6 |
| | 0854 | 6.9 | 210 |
| | 1511 | 0.0 | 0 |
| | 2117 | 7.4 | 226 |
| **24** M | 0345 | 0.0 | 0 |
| | 0931 | 6.6 | 201 |
| | 1543 | 0.2 | 6 |
| | 2153 | 7.2 | 219 |
| **25** Tu | 0421 | 0.3 | 9 |
| | 1009 | 6.3 | 192 |
| | 1616 | 0.5 | 15 |
| | 2231 | 6.9 | 210 |
| **26** W | 0458 | 0.6 | 18 |
| | 1049 | 6.0 | 183 |
| | 1651 | 0.7 | 21 |
| | 2312 | 6.7 | 204 |
| **27** Th | 0537 | 1.0 | 30 |
| | 1133 | 5.8 | 177 |
| | 1729 | 1.0 | 30 |
| | 2359 | 6.4 | 195 |
| **28** F | 0622 | 1.3 | 40 |
| | 1222 | 5.6 | 171 |
| | 1814 | 1.2 | 37 |
| **29** Sa ◑ | 0052 | 6.2 | 189 |
| | 0715 | 1.5 | 46 |
| | 1315 | 5.6 | 171 |
| | 1910 | 1.4 | 43 |
| **30** Su | 0149 | 6.2 | 189 |
| | 0816 | 1.5 | 46 |
| | 1411 | 5.6 | 171 |
| | 2016 | 1.4 | 43 |
| **31** M | 0247 | 6.3 | 192 |
| | 0919 | 1.3 | 40 |
| | 1508 | 5.9 | 180 |
| | 2125 | 1.2 | 37 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Savannah River Entrance, Georgia, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0346 | 6.4 | 195 |
| | 1016 | 0.9 | 27 |
| | 1606 | 6.2 | 189 |
| | 2228 | 0.8 | 24 |
| **2** W | 0442 | 6.7 | 204 |
| | 1107 | 0.5 | 15 |
| | 1700 | 6.7 | 204 |
| | 2325 | 0.4 | 12 |
| **3** Th | 0534 | 7.0 | 213 |
| | 1156 | 0.0 | 0 |
| | 1752 | 7.3 | 223 |
| **4** F | 0019 | −0.1 | −3 |
| | 0623 | 7.3 | 223 |
| | 1243 | −0.5 | −15 |
| | 1840 | 7.9 | 241 |
| **5** Sa ● | 0111 | −0.4 | −12 |
| | 0709 | 7.4 | 226 |
| | 1330 | −0.8 | −24 |
| | 1927 | 8.3 | 253 |
| **6** Su | 0201 | −0.7 | −21 |
| | 0755 | 7.5 | 229 |
| | 1416 | −1.0 | −30 |
| | 2013 | 8.6 | 262 |
| **7** M | 0251 | −0.8 | −24 |
| | 0841 | 7.4 | 226 |
| | 1503 | −1.0 | −30 |
| | 2101 | 8.6 | 262 |
| **8** Tu | 0340 | −0.7 | −21 |
| | 0930 | 7.2 | 219 |
| | 1551 | −0.9 | −27 |
| | 2152 | 8.5 | 259 |
| **9** W | 0431 | −0.5 | −15 |
| | 1024 | 6.9 | 210 |
| | 1641 | −0.6 | −18 |
| | 2248 | 8.1 | 247 |
| **10** Th | 0524 | −0.1 | −3 |
| | 1123 | 6.6 | 201 |
| | 1735 | −0.2 | −6 |
| | 2349 | 7.8 | 238 |
| **11** F | 0621 | 0.3 | 9 |
| | 1227 | 6.4 | 195 |
| | 1835 | 0.2 | 6 |
| **12** Sa ◐ | 0054 | 7.4 | 226 |
| | 0725 | 0.6 | 18 |
| | 1332 | 6.3 | 192 |
| | 1942 | 0.5 | 15 |
| **13** Su | 0158 | 7.2 | 219 |
| | 0833 | 0.7 | 21 |
| | 1436 | 6.4 | 195 |
| | 2052 | 0.6 | 18 |
| **14** M | 0259 | 7.0 | 213 |
| | 0937 | 0.7 | 21 |
| | 1539 | 6.5 | 198 |
| | 2158 | 0.5 | 15 |
| **15** Tu | 0358 | 6.9 | 210 |
| | 1033 | 0.5 | 15 |
| | 1637 | 6.8 | 207 |
| | 2257 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0453 | 6.9 | 210 |
| | 1122 | 0.3 | 9 |
| | 1730 | 7.1 | 216 |
| | 2349 | 0.2 | 6 |
| **17** Th | 0543 | 6.9 | 210 |
| | 1206 | 0.1 | 3 |
| | 1817 | 7.4 | 226 |
| **18** F | 0037 | 0.1 | 3 |
| | 0627 | 6.9 | 210 |
| | 1247 | 0.0 | 0 |
| | 1858 | 7.6 | 232 |
| **19** Sa | 0122 | 0.0 | 0 |
| | 0708 | 6.9 | 210 |
| | 1325 | 0.1 | 3 |
| | 1936 | 7.7 | 235 |
| **20** Su ○ | 0203 | 0.0 | 0 |
| | 0747 | 6.8 | 207 |
| | 1402 | 0.1 | 3 |
| | 2012 | 7.7 | 235 |
| **21** M | 0242 | 0.1 | 3 |
| | 0825 | 6.6 | 201 |
| | 1437 | 0.3 | 9 |
| | 2047 | 7.6 | 232 |
| **22** Tu | 0320 | 0.3 | 9 |
| | 0901 | 6.4 | 195 |
| | 1511 | 0.5 | 15 |
| | 2122 | 7.4 | 226 |
| **23** W | 0356 | 0.5 | 15 |
| | 0939 | 6.2 | 189 |
| | 1546 | 0.7 | 21 |
| | 2159 | 7.1 | 216 |
| **24** Th | 0432 | 0.7 | 21 |
| | 1018 | 6.0 | 183 |
| | 1622 | 0.9 | 27 |
| | 2238 | 6.8 | 207 |
| **25** F | 0511 | 0.9 | 27 |
| | 1101 | 5.8 | 177 |
| | 1701 | 1.0 | 30 |
| | 2323 | 6.6 | 201 |
| **26** Sa | 0553 | 1.1 | 34 |
| | 1149 | 5.7 | 174 |
| | 1745 | 1.2 | 37 |
| **27** Su | 0014 | 6.5 | 198 |
| | 0642 | 1.2 | 37 |
| | 1242 | 5.8 | 177 |
| | 1838 | 1.4 | 43 |
| **28** M ◑ | 0108 | 6.4 | 195 |
| | 0737 | 1.2 | 37 |
| | 1337 | 5.9 | 180 |
| | 1940 | 1.4 | 43 |
| **29** Tu | 0204 | 6.5 | 198 |
| | 0835 | 1.0 | 30 |
| | 1432 | 6.2 | 189 |
| | 2048 | 1.2 | 37 |
| **30** W | 0300 | 6.6 | 201 |
| | 0932 | 0.7 | 21 |
| | 1528 | 6.7 | 204 |
| | 2154 | 0.9 | 27 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0357 | 6.7 | 204 |
| | 1026 | 0.3 | 9 |
| | 1624 | 7.2 | 219 |
| | 2256 | 0.5 | 15 |
| **2** F | 0453 | 6.9 | 210 |
| | 1118 | −0.2 | −6 |
| | 1718 | 7.8 | 238 |
| | 2353 | 0.0 | 0 |
| **3** Sa | 0547 | 7.1 | 216 |
| | 1209 | −0.6 | −18 |
| | 1811 | 8.3 | 253 |
| **4** Su | 0048 | −0.3 | −9 |
| | 0639 | 7.2 | 219 |
| | 1300 | −0.8 | −24 |
| | 1902 | 8.7 | 265 |
| **5** M ● | 0142 | −0.6 | −18 |
| | 0731 | 7.2 | 219 |
| | 1351 | −1.0 | −30 |
| | 1953 | 8.9 | 271 |
| **6** Tu | 0235 | −0.7 | −21 |
| | 0822 | 7.2 | 219 |
| | 1442 | −1.0 | −30 |
| | 2045 | 8.9 | 271 |
| **7** W | 0327 | −0.7 | −21 |
| | 0915 | 7.0 | 213 |
| | 1534 | −0.9 | −27 |
| | 2139 | 8.6 | 262 |
| **8** Th | 0419 | −0.5 | −15 |
| | 1012 | 6.8 | 207 |
| | 1627 | −0.6 | −18 |
| | 2237 | 8.2 | 250 |
| **9** F | 0512 | −0.2 | −6 |
| | 1114 | 6.7 | 204 |
| | 1722 | −0.2 | −6 |
| | 2338 | 7.8 | 238 |
| **10** Sa | 0607 | 0.1 | 3 |
| | 1218 | 6.6 | 201 |
| | 1820 | 0.2 | 6 |
| **11** Su ◐ | 0039 | 7.5 | 229 |
| | 0706 | 0.4 | 12 |
| | 1320 | 6.5 | 198 |
| | 1924 | 0.6 | 18 |
| **12** M | 0138 | 7.2 | 219 |
| | 0806 | 0.5 | 15 |
| | 1420 | 6.6 | 201 |
| | 2031 | 0.7 | 21 |
| **13** Tu | 0233 | 6.9 | 210 |
| | 0905 | 0.5 | 15 |
| | 1516 | 6.8 | 207 |
| | 2135 | 0.8 | 24 |
| **14** W | 0326 | 6.7 | 204 |
| | 0958 | 0.4 | 12 |
| | 1609 | 7.0 | 213 |
| | 2232 | 0.7 | 21 |
| **15** Th | 0417 | 6.6 | 201 |
| | 1045 | 0.3 | 9 |
| | 1659 | 7.2 | 219 |
| | 2324 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0505 | 6.5 | 198 |
| | 1129 | 0.3 | 9 |
| | 1745 | 7.4 | 226 |
| **17** Sa | 0011 | 0.5 | 15 |
| | 0552 | 6.4 | 195 |
| | 1210 | 0.3 | 9 |
| | 1827 | 7.6 | 232 |
| **18** Su | 0055 | 0.4 | 12 |
| | 0636 | 6.4 | 195 |
| | 1249 | 0.3 | 9 |
| | 1907 | 7.6 | 232 |
| **19** M ○ | 0137 | 0.3 | 9 |
| | 0717 | 6.4 | 195 |
| | 1328 | 0.4 | 12 |
| | 1945 | 7.6 | 232 |
| **20** Tu | 0217 | 0.4 | 12 |
| | 0757 | 6.3 | 192 |
| | 1407 | 0.5 | 15 |
| | 2022 | 7.5 | 229 |
| **21** W | 0255 | 0.4 | 12 |
| | 0835 | 6.2 | 189 |
| | 1444 | 0.6 | 18 |
| | 2058 | 7.3 | 223 |
| **22** Th | 0333 | 0.5 | 15 |
| | 0913 | 6.1 | 186 |
| | 1521 | 0.7 | 21 |
| | 2135 | 7.1 | 216 |
| **23** F | 0410 | 0.6 | 18 |
| | 0952 | 5.9 | 180 |
| | 1559 | 0.8 | 24 |
| | 2213 | 6.9 | 210 |
| **24** Sa | 0449 | 0.7 | 21 |
| | 1034 | 5.9 | 180 |
| | 1639 | 0.9 | 27 |
| | 2255 | 6.8 | 207 |
| **25** Su | 0529 | 0.8 | 24 |
| | 1121 | 5.9 | 180 |
| | 1723 | 1.0 | 30 |
| | 2342 | 6.7 | 204 |
| **26** M | 0613 | 0.8 | 24 |
| | 1212 | 6.0 | 183 |
| | 1813 | 1.1 | 34 |
| **27** Tu ◑ | 0033 | 6.6 | 201 |
| | 0703 | 0.7 | 21 |
| | 1306 | 6.3 | 192 |
| | 1911 | 1.2 | 37 |
| **28** W | 0126 | 6.6 | 201 |
| | 0756 | 0.5 | 15 |
| | 1400 | 6.6 | 201 |
| | 2017 | 1.1 | 34 |
| **29** Th | 0221 | 6.6 | 201 |
| | 0852 | 0.3 | 9 |
| | 1455 | 7.1 | 216 |
| | 2124 | 0.9 | 27 |
| **30** F | 0317 | 6.6 | 201 |
| | 0948 | 0.0 | 0 |
| | 1551 | 7.6 | 232 |
| | 2229 | 0.5 | 15 |
| **31** Sa | 0416 | 6.7 | 204 |
| | 1044 | −0.4 | −12 |
| | 1648 | 8.1 | 247 |
| | 2329 | 0.1 | 3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0515 | 6.7 | 204 |
| | 1139 | −0.6 | −18 |
| | 1745 | 8.4 | 256 |
| **2** M | 0027 | −0.2 | −6 |
| | 0613 | 6.8 | 207 |
| | 1234 | −0.9 | −27 |
| | 1841 | 8.7 | 265 |
| **3** Tu ● | 0124 | −0.4 | −12 |
| | 0709 | 6.9 | 210 |
| | 1330 | −1.0 | −30 |
| | 1936 | 8.8 | 268 |
| **4** W | 0219 | −0.6 | −18 |
| | 0805 | 7.0 | 213 |
| | 1424 | −1.0 | −30 |
| | 2031 | 8.7 | 265 |
| **5** Th | 0312 | −0.6 | −18 |
| | 0901 | 6.9 | 210 |
| | 1519 | −0.9 | −27 |
| | 2126 | 8.5 | 259 |
| **6** F | 0404 | −0.5 | −15 |
| | 1000 | 6.8 | 207 |
| | 1612 | −0.6 | −18 |
| | 2223 | 8.2 | 250 |
| **7** Sa | 0455 | −0.3 | −9 |
| | 1100 | 6.7 | 204 |
| | 1706 | −0.3 | −9 |
| | 2321 | 7.8 | 238 |
| **8** Su | 0546 | −0.1 | −3 |
| | 1201 | 6.7 | 204 |
| | 1802 | 0.2 | 6 |
| **9** M | 0016 | 7.4 | 226 |
| | 0639 | 0.1 | 3 |
| | 1259 | 6.7 | 204 |
| | 1901 | 0.6 | 18 |
| **10** Tu ◐ | 0109 | 7.0 | 213 |
| | 0732 | 0.3 | 9 |
| | 1354 | 6.8 | 207 |
| | 2003 | 0.9 | 27 |
| **11** W | 0159 | 6.7 | 204 |
| | 0825 | 0.4 | 12 |
| | 1445 | 6.9 | 210 |
| | 2104 | 1.0 | 30 |
| **12** Th | 0248 | 6.4 | 195 |
| | 0916 | 0.5 | 15 |
| | 1534 | 7.0 | 213 |
| | 2201 | 1.0 | 30 |
| **13** F | 0337 | 6.2 | 189 |
| | 1003 | 0.5 | 15 |
| | 1622 | 7.1 | 216 |
| | 2253 | 0.9 | 27 |
| **14** Sa | 0426 | 6.1 | 186 |
| | 1049 | 0.5 | 15 |
| | 1709 | 7.2 | 219 |
| | 2340 | 0.8 | 24 |
| **15** Su | 0515 | 6.1 | 186 |
| | 1132 | 0.5 | 15 |
| | 1755 | 7.3 | 223 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0025 | 0.7 | 21 |
| | 0603 | 6.1 | 186 |
| | 1215 | 0.5 | 15 |
| | 1838 | 7.4 | 226 |
| **17** Tu | 0109 | 0.6 | 18 |
| | 0648 | 6.1 | 186 |
| | 1258 | 0.5 | 15 |
| | 1920 | 7.4 | 226 |
| **18** W ○ | 0150 | 0.5 | 15 |
| | 0730 | 6.1 | 186 |
| | 1339 | 0.5 | 15 |
| | 2000 | 7.4 | 226 |
| **19** Th | 0231 | 0.5 | 15 |
| | 0810 | 6.1 | 186 |
| | 1420 | 0.5 | 15 |
| | 2037 | 7.3 | 223 |
| **20** F | 0310 | 0.4 | 12 |
| | 0850 | 6.0 | 183 |
| | 1500 | 0.5 | 15 |
| | 2114 | 7.2 | 219 |
| **21** Sa | 0348 | 0.4 | 12 |
| | 0929 | 6.0 | 183 |
| | 1540 | 0.6 | 18 |
| | 2151 | 7.1 | 216 |
| **22** Su | 0426 | 0.4 | 12 |
| | 1010 | 6.0 | 183 |
| | 1621 | 0.7 | 21 |
| | 2230 | 7.0 | 213 |
| **23** M | 0505 | 0.3 | 9 |
| | 1055 | 6.2 | 189 |
| | 1704 | 0.8 | 24 |
| | 2314 | 6.8 | 207 |
| **24** Tu | 0546 | 0.3 | 9 |
| | 1145 | 6.4 | 195 |
| | 1753 | 0.9 | 27 |
| **25** W | 0002 | 6.7 | 204 |
| | 0632 | 0.2 | 6 |
| | 1237 | 6.7 | 204 |
| | 1849 | 0.9 | 27 |
| **26** Th ◑ | 0055 | 6.6 | 201 |
| | 0723 | 0.1 | 3 |
| | 1331 | 7.0 | 213 |
| | 1952 | 0.9 | 27 |
| **27** F | 0150 | 6.5 | 198 |
| | 0818 | 0.0 | 0 |
| | 1427 | 7.4 | 226 |
| | 2059 | 0.8 | 24 |
| **28** Sa | 0247 | 6.5 | 198 |
| | 0917 | −0.2 | −6 |
| | 1525 | 7.7 | 235 |
| | 2206 | 0.6 | 18 |
| **29** Su | 0348 | 6.5 | 198 |
| | 1017 | −0.4 | −12 |
| | 1625 | 8.0 | 244 |
| | 2309 | 0.3 | 9 |
| **30** M | 0450 | 6.5 | 198 |
| | 1116 | −0.6 | −18 |
| | 1726 | 8.3 | 253 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Savannah River Entrance, Georgia, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0010 | 0.0 | 0 |
| | 0552 | 6.6 | 201 |
| | 1215 | −0.8 | −24 |
| | 1825 | 8.5 | 259 |
| **2** W ● | 0107 | −0.2 | −6 |
| | 0652 | 6.8 | 207 |
| | 1313 | −0.9 | −27 |
| | 1923 | 8.6 | 262 |
| **3** Th | 0203 | −0.4 | −12 |
| | 0750 | 6.9 | 210 |
| | 1409 | −1.0 | −30 |
| | 2017 | 8.6 | 262 |
| **4** F | 0255 | −0.5 | −15 |
| | 0846 | 7.0 | 213 |
| | 1503 | −0.9 | −27 |
| | 2111 | 8.4 | 256 |
| **5** Sa | 0345 | −0.5 | −15 |
| | 0942 | 7.0 | 213 |
| | 1555 | −0.6 | −18 |
| | 2203 | 8.0 | 244 |
| **6** Su | 0432 | −0.4 | −12 |
| | 1039 | 6.9 | 210 |
| | 1647 | −0.2 | −6 |
| | 2255 | 7.6 | 232 |
| **7** M | 0518 | −0.2 | −6 |
| | 1135 | 6.9 | 210 |
| | 1738 | 0.2 | 6 |
| | 2345 | 7.2 | 219 |
| **8** Tu | 0604 | 0.0 | 0 |
| | 1228 | 6.9 | 210 |
| | 1831 | 0.7 | 21 |
| **9** W ◐ | 0034 | 6.8 | 207 |
| | 0650 | 0.3 | 9 |
| | 1319 | 6.9 | 210 |
| | 1927 | 1.0 | 30 |
| **10** Th | 0122 | 6.5 | 198 |
| | 0738 | 0.5 | 15 |
| | 1407 | 6.9 | 210 |
| | 2026 | 1.2 | 37 |
| **11** F | 0210 | 6.2 | 189 |
| | 0828 | 0.7 | 21 |
| | 1455 | 6.9 | 210 |
| | 2123 | 1.3 | 40 |
| **12** Sa | 0258 | 6.0 | 183 |
| | 0918 | 0.8 | 24 |
| | 1544 | 6.9 | 210 |
| | 2217 | 1.2 | 37 |
| **13** Su | 0348 | 5.9 | 180 |
| | 1008 | 0.8 | 24 |
| | 1634 | 7.0 | 213 |
| | 2306 | 1.1 | 34 |
| **14** M | 0439 | 5.9 | 180 |
| | 1056 | 0.7 | 21 |
| | 1723 | 7.1 | 216 |
| | 2353 | 1.0 | 30 |
| **15** Tu | 0530 | 6.0 | 183 |
| | 1143 | 0.6 | 18 |
| | 1811 | 7.2 | 219 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0038 | 0.8 | 24 |
| | 0618 | 6.1 | 186 |
| | 1229 | 0.6 | 18 |
| | 1855 | 7.3 | 223 |
| **17** Th | 0121 | 0.6 | 18 |
| | 0703 | 6.2 | 189 |
| | 1314 | 0.5 | 15 |
| | 1936 | 7.4 | 226 |
| **18** F ○ | 0203 | 0.5 | 15 |
| | 0745 | 6.3 | 192 |
| | 1357 | 0.4 | 12 |
| | 2015 | 7.4 | 226 |
| **19** Sa | 0243 | 0.3 | 9 |
| | 0825 | 6.4 | 195 |
| | 1439 | 0.4 | 12 |
| | 2051 | 7.4 | 226 |
| **20** Su | 0322 | 0.2 | 6 |
| | 0904 | 6.5 | 198 |
| | 1521 | 0.4 | 12 |
| | 2127 | 7.3 | 223 |
| **21** M | 0400 | 0.1 | 3 |
| | 0945 | 6.6 | 201 |
| | 1603 | 0.4 | 12 |
| | 2205 | 7.2 | 219 |
| **22** Tu | 0438 | 0.0 | 0 |
| | 1029 | 6.8 | 207 |
| | 1647 | 0.5 | 15 |
| | 2248 | 7.0 | 213 |
| **23** W | 0519 | 0.0 | 0 |
| | 1118 | 6.9 | 210 |
| | 1736 | 0.7 | 21 |
| | 2336 | 6.8 | 207 |
| **24** Th | 0604 | 0.0 | 0 |
| | 1211 | 7.2 | 219 |
| | 1830 | 0.8 | 24 |
| **25** F ◑ | 0030 | 6.6 | 201 |
| | 0655 | 0.0 | 0 |
| | 1306 | 7.4 | 226 |
| | 1932 | 1.0 | 30 |
| **26** Sa | 0127 | 6.5 | 198 |
| | 0752 | 0.0 | 0 |
| | 1405 | 7.6 | 232 |
| | 2041 | 1.0 | 30 |
| **27** Su | 0227 | 6.4 | 195 |
| | 0855 | 0.0 | 0 |
| | 1506 | 7.8 | 238 |
| | 2149 | 0.8 | 24 |
| **28** M | 0329 | 6.4 | 195 |
| | 0959 | −0.2 | −6 |
| | 1609 | 8.0 | 244 |
| | 2254 | 0.6 | 18 |
| **29** Tu | 0434 | 6.5 | 198 |
| | 1101 | −0.4 | −12 |
| | 1712 | 8.2 | 250 |
| | 2354 | 0.3 | 9 |
| **30** W | 0538 | 6.7 | 204 |
| | 1201 | −0.6 | −18 |
| | 1813 | 8.3 | 253 |
| **31** Th | 0051 | 0.0 | 0 |
| | 0639 | 6.9 | 210 |
| | 1259 | −0.7 | −21 |
| | 1909 | 8.4 | 256 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0144 | −0.2 | −6 |
| | 0735 | 7.1 | 216 |
| | 1354 | −0.7 | −21 |
| | 2000 | 8.4 | 256 |
| **2** Sa | 0234 | −0.4 | −12 |
| | 0828 | 7.3 | 223 |
| | 1446 | −0.6 | −18 |
| | 2049 | 8.2 | 250 |
| **3** Su | 0320 | −0.4 | −12 |
| | 0919 | 7.3 | 223 |
| | 1536 | −0.4 | −12 |
| | 2136 | 7.9 | 241 |
| **4** M | 0403 | −0.3 | −9 |
| | 1010 | 7.3 | 223 |
| | 1623 | 0.0 | 0 |
| | 2222 | 7.5 | 229 |
| **5** Tu | 0444 | 0.0 | 0 |
| | 1100 | 7.2 | 219 |
| | 1710 | 0.4 | 12 |
| | 2308 | 7.1 | 216 |
| **6** W | 0525 | 0.3 | 9 |
| | 1149 | 7.1 | 216 |
| | 1757 | 0.9 | 27 |
| | 2355 | 6.7 | 204 |
| **7** Th | 0605 | 0.6 | 18 |
| | 1237 | 7.0 | 213 |
| | 1847 | 1.3 | 40 |
| **8** F ◐ | 0043 | 6.3 | 192 |
| | 0649 | 0.9 | 27 |
| | 1326 | 6.9 | 210 |
| | 1942 | 1.6 | 49 |
| **9** Sa | 0131 | 6.1 | 186 |
| | 0737 | 1.1 | 34 |
| | 1415 | 6.8 | 207 |
| | 2039 | 1.7 | 52 |
| **10** Su | 0221 | 6.0 | 183 |
| | 0831 | 1.2 | 37 |
| | 1505 | 6.8 | 207 |
| | 2136 | 1.7 | 52 |
| **11** M | 0312 | 5.9 | 180 |
| | 0927 | 1.2 | 37 |
| | 1558 | 6.9 | 210 |
| | 2229 | 1.5 | 46 |
| **12** Tu | 0405 | 6.0 | 183 |
| | 1021 | 1.1 | 34 |
| | 1651 | 7.0 | 213 |
| | 2318 | 1.3 | 40 |
| **13** W | 0458 | 6.1 | 186 |
| | 1113 | 0.9 | 27 |
| | 1741 | 7.2 | 219 |
| **14** Th | 0005 | 1.0 | 30 |
| | 0548 | 6.3 | 192 |
| | 1201 | 0.7 | 21 |
| | 1827 | 7.4 | 226 |
| **15** F | 0049 | 0.8 | 24 |
| | 0635 | 6.6 | 201 |
| | 1248 | 0.6 | 18 |
| | 1908 | 7.6 | 232 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0131 | 0.5 | 15 |
| | 0718 | 6.8 | 207 |
| | 1333 | 0.4 | 12 |
| | 1947 | 7.7 | 235 |
| **17** Su | 0212 | 0.2 | 6 |
| | 0758 | 7.0 | 213 |
| | 1417 | 0.3 | 9 |
| | 2024 | 7.7 | 235 |
| **18** M | 0251 | 0.0 | 0 |
| | 0838 | 7.3 | 223 |
| | 1501 | 0.3 | 9 |
| | 2101 | 7.6 | 232 |
| **19** Tu | 0331 | −0.1 | −3 |
| | 0919 | 7.4 | 226 |
| | 1546 | 0.3 | 9 |
| | 2141 | 7.4 | 226 |
| **20** W | 0411 | −0.1 | −3 |
| | 1003 | 7.6 | 232 |
| | 1632 | 0.4 | 12 |
| | 2225 | 7.2 | 219 |
| **21** Th | 0454 | −0.1 | −3 |
| | 1053 | 7.7 | 235 |
| | 1721 | 0.6 | 18 |
| | 2315 | 6.9 | 210 |
| **22** F | 0540 | 0.0 | 0 |
| | 1148 | 7.7 | 235 |
| | 1815 | 0.9 | 27 |
| **23** Sa ◑ | 0012 | 6.7 | 204 |
| | 0633 | 0.2 | 6 |
| | 1248 | 7.7 | 235 |
| | 1918 | 1.1 | 34 |
| **24** Su | 0113 | 6.5 | 198 |
| | 0734 | 0.3 | 9 |
| | 1350 | 7.8 | 238 |
| | 2027 | 1.2 | 37 |
| **25** M | 0216 | 6.5 | 198 |
| | 0840 | 0.4 | 12 |
| | 1454 | 7.8 | 238 |
| | 2137 | 1.1 | 34 |
| **26** Tu | 0320 | 6.5 | 198 |
| | 0947 | 0.2 | 6 |
| | 1558 | 7.9 | 241 |
| | 2241 | 0.9 | 27 |
| **27** W | 0426 | 6.7 | 204 |
| | 1051 | 0.0 | 0 |
| | 1701 | 8.1 | 247 |
| | 2339 | 0.5 | 15 |
| **28** Th | 0529 | 7.0 | 213 |
| | 1150 | −0.2 | −6 |
| | 1759 | 8.2 | 250 |
| **29** F | 0032 | 0.2 | 6 |
| | 0627 | 7.3 | 223 |
| | 1245 | −0.3 | −9 |
| | 1851 | 8.3 | 253 |
| **30** Sa ● | 0121 | 0.0 | 0 |
| | 0719 | 7.6 | 232 |
| | 1338 | −0.3 | −9 |
| | 1939 | 8.3 | 253 |
| **31** Su | 0207 | −0.1 | −3 |
| | 0807 | 7.7 | 235 |
| | 1427 | −0.2 | −6 |
| | 2023 | 8.1 | 247 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0250 | −0.1 | −3 |
| | 0852 | 7.8 | 238 |
| | 1513 | 0.0 | 0 |
| | 2105 | 7.8 | 238 |
| **2** Tu | 0330 | 0.1 | 3 |
| | 0936 | 7.7 | 235 |
| | 1557 | 0.4 | 12 |
| | 2147 | 7.4 | 226 |
| **3** W | 0407 | 0.3 | 9 |
| | 1020 | 7.5 | 229 |
| | 1640 | 0.8 | 24 |
| | 2230 | 7.0 | 213 |
| **4** Th | 0444 | 0.7 | 21 |
| | 1105 | 7.3 | 223 |
| | 1722 | 1.2 | 37 |
| | 2315 | 6.6 | 201 |
| **5** F | 0522 | 1.0 | 30 |
| | 1152 | 7.1 | 216 |
| | 1807 | 1.5 | 46 |
| **6** Sa | 0003 | 6.3 | 192 |
| | 0602 | 1.3 | 40 |
| | 1242 | 6.9 | 210 |
| | 1856 | 1.9 | 58 |
| **7** Su ◐ | 0053 | 6.1 | 186 |
| | 0649 | 1.6 | 49 |
| | 1333 | 6.8 | 207 |
| | 1952 | 2.0 | 61 |
| **8** M | 0144 | 6.1 | 186 |
| | 0744 | 1.7 | 52 |
| | 1427 | 6.8 | 207 |
| | 2051 | 2.0 | 61 |
| **9** Tu | 0237 | 6.1 | 186 |
| | 0845 | 1.7 | 52 |
| | 1521 | 6.9 | 210 |
| | 2148 | 1.9 | 58 |
| **10** W | 0331 | 6.2 | 189 |
| | 0945 | 1.5 | 46 |
| | 1614 | 7.1 | 216 |
| | 2240 | 1.6 | 49 |
| **11** Th | 0424 | 6.4 | 195 |
| | 1041 | 1.3 | 40 |
| | 1705 | 7.3 | 223 |
| | 2327 | 1.2 | 37 |
| **12** F | 0515 | 6.7 | 204 |
| | 1132 | 1.0 | 30 |
| | 1751 | 7.5 | 229 |
| **13** Sa | 0012 | 0.8 | 24 |
| | 0603 | 7.1 | 216 |
| | 1221 | 0.7 | 21 |
| | 1835 | 7.8 | 238 |
| **14** Su | 0055 | 0.4 | 12 |
| | 0647 | 7.5 | 229 |
| | 1308 | 0.4 | 12 |
| | 1915 | 7.9 | 241 |
| **15** M ○ | 0137 | 0.1 | 3 |
| | 0729 | 7.9 | 241 |
| | 1355 | 0.3 | 9 |
| | 1955 | 7.9 | 241 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0220 | −0.1 | −3 |
| | 0811 | 8.2 | 250 |
| | 1442 | 0.2 | 6 |
| | 2035 | 7.8 | 238 |
| **17** W | 0302 | −0.2 | −6 |
| | 0854 | 8.3 | 253 |
| | 1529 | 0.2 | 6 |
| | 2118 | 7.6 | 232 |
| **18** Th | 0346 | −0.2 | −6 |
| | 0941 | 8.4 | 256 |
| | 1617 | 0.4 | 12 |
| | 2205 | 7.3 | 223 |
| **19** F | 0432 | −0.1 | −3 |
| | 1033 | 8.3 | 253 |
| | 1708 | 0.7 | 21 |
| | 2259 | 7.0 | 213 |
| **20** Sa | 0521 | 0.2 | 6 |
| | 1131 | 8.1 | 247 |
| | 1803 | 1.0 | 30 |
| **21** Su | 0000 | 6.8 | 207 |
| | 0617 | 0.4 | 12 |
| | 1235 | 8.0 | 244 |
| | 1906 | 1.3 | 40 |
| **22** M ◑ | 0105 | 6.7 | 204 |
| | 0721 | 0.6 | 18 |
| | 1340 | 7.9 | 241 |
| | 2015 | 1.4 | 43 |
| **23** Tu | 0210 | 6.7 | 204 |
| | 0830 | 0.7 | 21 |
| | 1445 | 7.8 | 238 |
| | 2124 | 1.2 | 37 |
| **24** W | 0315 | 6.8 | 207 |
| | 0938 | 0.6 | 18 |
| | 1547 | 7.9 | 241 |
| | 2225 | 1.0 | 30 |
| **25** Th | 0419 | 7.1 | 216 |
| | 1041 | 0.4 | 12 |
| | 1647 | 8.0 | 244 |
| | 2320 | 0.6 | 18 |
| **26** F | 0518 | 7.4 | 226 |
| | 1138 | 0.3 | 9 |
| | 1740 | 8.0 | 244 |
| **27** Sa | 0009 | 0.4 | 12 |
| | 0611 | 7.7 | 235 |
| | 1230 | 0.2 | 6 |
| | 1829 | 8.1 | 247 |
| **28** Su | 0055 | 0.2 | 6 |
| | 0659 | 8.0 | 244 |
| | 1319 | 0.1 | 3 |
| | 1913 | 8.0 | 244 |
| **29** M ● | 0137 | 0.2 | 6 |
| | 0742 | 8.1 | 247 |
| | 1406 | 0.2 | 6 |
| | 1954 | 7.8 | 238 |
| **30** Tu | 0217 | 0.3 | 9 |
| | 0823 | 8.1 | 247 |
| | 1449 | 0.4 | 12 |
| | 2034 | 7.5 | 229 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Savannah River Entrance, Georgia, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0255 | 0.4 | 12 |
| | 0902 | 8.0 | 244 |
| | 1530 | 0.6 | 18 |
| | 2113 | 7.2 | 219 |
| **2** Th | 0331 | 0.7 | 21 |
| | 0941 | 7.8 | 238 |
| | 1610 | 1.0 | 30 |
| | 2154 | 6.9 | 210 |
| **3** F | 0407 | 1.0 | 30 |
| | 1023 | 7.5 | 229 |
| | 1649 | 1.3 | 40 |
| | 2236 | 6.6 | 201 |
| **4** Sa | 0443 | 1.3 | 40 |
| | 1108 | 7.2 | 219 |
| | 1730 | 1.6 | 49 |
| | 2323 | 6.3 | 192 |
| **5** Su | 0522 | 1.5 | 46 |
| | 1158 | 7.0 | 213 |
| | 1815 | 1.9 | 58 |
| **6** M | 0014 | 6.2 | 189 |
| | 0607 | 1.7 | 52 |
| | 1251 | 6.8 | 207 |
| | 1907 | 2.1 | 64 |
| **7** Tu ◐ | 0107 | 6.1 | 186 |
| | 0700 | 1.9 | 58 |
| | 1345 | 6.8 | 207 |
| | 2005 | 2.1 | 64 |
| **8** W | 0201 | 6.2 | 189 |
| | 0802 | 1.9 | 58 |
| | 1439 | 6.9 | 210 |
| | 2103 | 1.9 | 58 |
| **9** Th | 0254 | 6.4 | 195 |
| | 0906 | 1.8 | 55 |
| | 1531 | 7.0 | 213 |
| | 2157 | 1.5 | 46 |
| **10** F | 0348 | 6.7 | 204 |
| | 1006 | 1.5 | 46 |
| | 1622 | 7.3 | 223 |
| | 2246 | 1.1 | 34 |
| **11** Sa | 0439 | 7.1 | 216 |
| | 1101 | 1.1 | 34 |
| | 1711 | 7.5 | 229 |
| | 2333 | 0.7 | 21 |
| **12** Su | 0529 | 7.6 | 232 |
| | 1153 | 0.7 | 21 |
| | 1758 | 7.7 | 235 |
| **13** M | 0018 | 0.3 | 9 |
| | 0616 | 8.1 | 247 |
| | 1244 | 0.4 | 12 |
| | 1843 | 7.8 | 238 |
| **14** Tu ○ | 0104 | −0.1 | −3 |
| | 0701 | 8.5 | 259 |
| | 1334 | 0.2 | 6 |
| | 1927 | 7.8 | 238 |
| **15** W | 0150 | −0.3 | −9 |
| | 0746 | 8.8 | 268 |
| | 1423 | 0.0 | 0 |
| | 2012 | 7.8 | 238 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0236 | −0.4 | −12 |
| | 0833 | 8.9 | 271 |
| | 1513 | 0.1 | 3 |
| | 2058 | 7.6 | 232 |
| **17** F | 0324 | −0.3 | −9 |
| | 0923 | 8.8 | 268 |
| | 1603 | 0.2 | 6 |
| | 2150 | 7.3 | 223 |
| **18** Sa | 0414 | −0.2 | −6 |
| | 1018 | 8.6 | 262 |
| | 1655 | 0.5 | 15 |
| | 2247 | 7.1 | 216 |
| **19** Su | 0506 | 0.1 | 3 |
| | 1119 | 8.3 | 253 |
| | 1751 | 0.8 | 24 |
| | 2352 | 6.9 | 210 |
| **20** M | 0604 | 0.4 | 12 |
| | 1224 | 8.0 | 244 |
| | 1853 | 1.1 | 34 |
| **21** Tu ◑ | 0058 | 6.8 | 207 |
| | 0708 | 0.7 | 21 |
| | 1329 | 7.8 | 238 |
| | 1959 | 1.2 | 37 |
| **22** W | 0204 | 6.8 | 207 |
| | 0817 | 0.9 | 27 |
| | 1431 | 7.7 | 235 |
| | 2104 | 1.1 | 34 |
| **23** Th | 0306 | 7.0 | 213 |
| | 0925 | 0.8 | 24 |
| | 1529 | 7.6 | 232 |
| | 2203 | 0.8 | 24 |
| **24** F | 0406 | 7.3 | 223 |
| | 1027 | 0.7 | 21 |
| | 1624 | 7.6 | 232 |
| | 2255 | 0.6 | 18 |
| **25** Sa | 0501 | 7.6 | 232 |
| | 1122 | 0.6 | 18 |
| | 1715 | 7.6 | 232 |
| | 2342 | 0.4 | 12 |
| **26** Su | 0551 | 7.9 | 241 |
| | 1212 | 0.5 | 15 |
| | 1802 | 7.5 | 229 |
| **27** M | 0025 | 0.3 | 9 |
| | 0636 | 8.1 | 247 |
| | 1259 | 0.4 | 12 |
| | 1846 | 7.4 | 226 |
| **28** Tu ● | 0106 | 0.3 | 9 |
| | 0717 | 8.2 | 250 |
| | 1344 | 0.4 | 12 |
| | 1927 | 7.3 | 223 |
| **29** W | 0145 | 0.4 | 12 |
| | 0756 | 8.1 | 247 |
| | 1425 | 0.5 | 15 |
| | 2006 | 7.1 | 216 |
| **30** Th | 0223 | 0.6 | 18 |
| | 0833 | 8.0 | 244 |
| | 1505 | 0.7 | 21 |
| | 2044 | 6.9 | 210 |
| **31** F | 0259 | 0.8 | 24 |
| | 0911 | 7.7 | 235 |
| | 1543 | 0.9 | 27 |
| | 2123 | 6.7 | 204 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0335 | 1.0 | 30 |
| | 0950 | 7.5 | 229 |
| | 1620 | 1.2 | 37 |
| | 2203 | 6.4 | 195 |
| **2** Su | 0412 | 1.2 | 37 |
| | 1031 | 7.2 | 219 |
| | 1659 | 1.4 | 43 |
| | 2247 | 6.2 | 189 |
| **3** M | 0450 | 1.4 | 43 |
| | 1118 | 7.0 | 213 |
| | 1741 | 1.6 | 49 |
| | 2336 | 6.1 | 186 |
| **4** Tu | 0533 | 1.6 | 49 |
| | 1208 | 6.8 | 207 |
| | 1827 | 1.7 | 52 |
| **5** W ◐ | 0028 | 6.1 | 186 |
| | 0622 | 1.7 | 52 |
| | 1300 | 6.7 | 204 |
| | 1919 | 1.7 | 52 |
| **6** Th | 0121 | 6.2 | 189 |
| | 0720 | 1.8 | 55 |
| | 1352 | 6.8 | 207 |
| | 2015 | 1.5 | 46 |
| **7** F | 0215 | 6.4 | 195 |
| | 0825 | 1.7 | 52 |
| | 1444 | 6.8 | 207 |
| | 2111 | 1.2 | 37 |
| **8** Sa | 0308 | 6.8 | 207 |
| | 0929 | 1.4 | 43 |
| | 1536 | 7.0 | 213 |
| | 2203 | 0.8 | 24 |
| **9** Su | 0401 | 7.3 | 223 |
| | 1029 | 1.1 | 34 |
| | 1629 | 7.1 | 216 |
| | 2254 | 0.4 | 12 |
| **10** M | 0454 | 7.8 | 238 |
| | 1126 | 0.6 | 18 |
| | 1721 | 7.3 | 223 |
| | 2343 | 0.0 | 0 |
| **11** Tu | 0545 | 8.3 | 253 |
| | 1220 | 0.3 | 9 |
| | 1812 | 7.4 | 226 |
| **12** W | 0033 | −0.4 | −12 |
| | 0636 | 8.7 | 265 |
| | 1313 | 0.0 | 0 |
| | 1902 | 7.5 | 229 |
| **13** Th ○ | 0124 | −0.6 | −18 |
| | 0726 | 9.0 | 274 |
| | 1406 | −0.2 | −6 |
| | 1952 | 7.5 | 229 |
| **14** F | 0215 | −0.7 | −21 |
| | 0817 | 9.0 | 274 |
| | 1458 | −0.2 | −6 |
| | 2043 | 7.4 | 226 |
| **15** Sa | 0306 | −0.7 | −21 |
| | 0910 | 8.9 | 271 |
| | 1550 | −0.1 | −3 |
| | 2137 | 7.2 | 219 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0359 | −0.5 | −15 |
| | 1006 | 8.6 | 262 |
| | 1642 | 0.1 | 3 |
| | 2237 | 7.0 | 213 |
| **17** M | 0453 | −0.3 | −9 |
| | 1107 | 8.2 | 250 |
| | 1736 | 0.3 | 9 |
| | 2341 | 6.9 | 210 |
| **18** Tu | 0550 | 0.1 | 3 |
| | 1209 | 7.9 | 241 |
| | 1834 | 0.6 | 18 |
| **19** W ◑ | 0046 | 6.8 | 207 |
| | 0652 | 0.5 | 15 |
| | 1310 | 7.6 | 232 |
| | 1935 | 0.7 | 21 |
| **20** Th | 0148 | 6.9 | 210 |
| | 0758 | 0.8 | 24 |
| | 1407 | 7.3 | 223 |
| | 2036 | 0.7 | 21 |
| **21** F | 0247 | 7.0 | 213 |
| | 0905 | 0.9 | 27 |
| | 1501 | 7.1 | 216 |
| | 2133 | 0.6 | 18 |
| **22** Sa | 0344 | 7.2 | 219 |
| | 1006 | 0.8 | 24 |
| | 1554 | 6.9 | 210 |
| | 2224 | 0.5 | 15 |
| **23** Su | 0437 | 7.4 | 226 |
| | 1101 | 0.7 | 21 |
| | 1645 | 6.8 | 207 |
| | 2311 | 0.4 | 12 |
| **24** M | 0526 | 7.6 | 232 |
| | 1151 | 0.6 | 18 |
| | 1733 | 6.8 | 207 |
| | 2354 | 0.4 | 12 |
| **25** Tu | 0611 | 7.7 | 235 |
| | 1237 | 0.5 | 15 |
| | 1818 | 6.7 | 204 |
| **26** W | 0036 | 0.4 | 12 |
| | 0653 | 7.8 | 238 |
| | 1320 | 0.5 | 15 |
| | 1901 | 6.7 | 204 |
| **27** Th ● | 0117 | 0.4 | 12 |
| | 0732 | 7.8 | 238 |
| | 1402 | 0.5 | 15 |
| | 1941 | 6.6 | 201 |
| **28** F | 0156 | 0.5 | 15 |
| | 0810 | 7.7 | 235 |
| | 1441 | 0.6 | 18 |
| | 2020 | 6.5 | 198 |
| **29** Sa | 0234 | 0.5 | 15 |
| | 0848 | 7.5 | 229 |
| | 1519 | 0.7 | 21 |
| | 2058 | 6.4 | 195 |
| **30** Su | 0310 | 0.7 | 21 |
| | 0925 | 7.3 | 223 |
| | 1555 | 0.8 | 24 |
| | 2137 | 6.2 | 189 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0347 | 0.8 | 24 |
| | 1004 | 7.1 | 216 |
| | 1633 | 0.9 | 27 |
| | 2217 | 6.1 | 186 |
| **2** Tu | 0425 | 0.9 | 27 |
| | 1044 | 6.9 | 210 |
| | 1711 | 1.0 | 30 |
| | 2301 | 6.0 | 183 |
| **3** W | 0505 | 1.1 | 34 |
| | 1127 | 6.7 | 204 |
| | 1752 | 1.0 | 30 |
| | 2349 | 6.0 | 183 |
| **4** Th | 0551 | 1.2 | 37 |
| | 1214 | 6.6 | 201 |
| | 1838 | 1.0 | 30 |
| **5** F ◐ | 0040 | 6.2 | 189 |
| | 0644 | 1.3 | 40 |
| | 1305 | 6.5 | 198 |
| | 1929 | 0.9 | 27 |
| **6** Sa | 0134 | 6.5 | 198 |
| | 0746 | 1.3 | 40 |
| | 1357 | 6.5 | 198 |
| | 2024 | 0.7 | 21 |
| **7** Su | 0228 | 6.8 | 207 |
| | 0853 | 1.2 | 37 |
| | 1452 | 6.5 | 198 |
| | 2121 | 0.4 | 12 |
| **8** M | 0324 | 7.3 | 223 |
| | 0959 | 0.9 | 27 |
| | 1549 | 6.6 | 201 |
| | 2218 | 0.0 | 0 |
| **9** Tu | 0421 | 7.7 | 235 |
| | 1100 | 0.5 | 15 |
| | 1648 | 6.7 | 204 |
| | 2313 | −0.3 | −9 |
| **10** W | 0519 | 8.1 | 247 |
| | 1159 | 0.1 | 3 |
| | 1746 | 6.8 | 207 |
| **11** Th | 0009 | −0.7 | −21 |
| | 0615 | 8.5 | 259 |
| | 1256 | −0.2 | −6 |
| | 1842 | 7.0 | 213 |
| **12** F ○ | 0104 | −1.0 | −30 |
| | 0710 | 8.7 | 265 |
| | 1350 | −0.4 | −12 |
| | 1936 | 7.1 | 216 |
| **13** Sa | 0158 | −1.1 | −34 |
| | 0805 | 8.8 | 268 |
| | 1443 | −0.6 | −18 |
| | 2030 | 7.2 | 219 |
| **14** Su | 0252 | −1.2 | −37 |
| | 0859 | 8.7 | 265 |
| | 1535 | −0.6 | −18 |
| | 2125 | 7.1 | 216 |
| **15** M | 0345 | −1.0 | −30 |
| | 0954 | 8.4 | 256 |
| | 1626 | −0.5 | −15 |
| | 2223 | 7.0 | 213 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0438 | −0.7 | −21 |
| | 1050 | 8.0 | 244 |
| | 1716 | −0.3 | −9 |
| | 2324 | 6.9 | 210 |
| **17** W | 0532 | −0.3 | −9 |
| | 1146 | 7.6 | 232 |
| | 1808 | 0.0 | 0 |
| **18** Th | 0024 | 6.8 | 207 |
| | 0630 | 0.2 | 6 |
| | 1241 | 7.2 | 219 |
| | 1901 | 0.2 | 6 |
| **19** F ◑ | 0122 | 6.8 | 207 |
| | 0732 | 0.6 | 18 |
| | 1335 | 6.8 | 207 |
| | 1957 | 0.4 | 12 |
| **20** Sa | 0218 | 6.8 | 207 |
| | 0836 | 0.8 | 24 |
| | 1427 | 6.4 | 195 |
| | 2053 | 0.5 | 15 |
| **21** Su | 0312 | 6.8 | 207 |
| | 0939 | 0.9 | 27 |
| | 1519 | 6.2 | 189 |
| | 2147 | 0.5 | 15 |
| **22** M | 0404 | 6.9 | 210 |
| | 1035 | 0.8 | 24 |
| | 1611 | 6.1 | 186 |
| | 2237 | 0.5 | 15 |
| **23** Tu | 0455 | 7.0 | 213 |
| | 1126 | 0.7 | 21 |
| | 1702 | 6.0 | 183 |
| | 2324 | 0.4 | 12 |
| **24** W | 0544 | 7.1 | 216 |
| | 1212 | 0.6 | 18 |
| | 1751 | 6.1 | 186 |
| **25** Th | 0008 | 0.4 | 12 |
| | 0630 | 7.2 | 219 |
| | 1256 | 0.5 | 15 |
| | 1837 | 6.2 | 189 |
| **26** F | 0051 | 0.3 | 9 |
| | 0712 | 7.3 | 223 |
| | 1338 | 0.4 | 12 |
| | 1919 | 6.2 | 189 |
| **27** Sa ● | 0132 | 0.2 | 6 |
| | 0752 | 7.3 | 223 |
| | 1417 | 0.3 | 9 |
| | 1959 | 6.2 | 189 |
| **28** Su | 0212 | 0.2 | 6 |
| | 0829 | 7.2 | 219 |
| | 1455 | 0.3 | 9 |
| | 2037 | 6.2 | 189 |
| **29** M | 0250 | 0.2 | 6 |
| | 0905 | 7.1 | 216 |
| | 1531 | 0.2 | 6 |
| | 2114 | 6.2 | 189 |
| **30** Tu | 0327 | 0.3 | 9 |
| | 0939 | 7.0 | 213 |
| | 1607 | 0.2 | 6 |
| | 2151 | 6.1 | 186 |
| **31** W | 0404 | 0.4 | 12 |
| | 1014 | 6.8 | 207 |
| | 1643 | 0.3 | 9 |
| | 2230 | 6.2 | 189 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Savannah, Georgia, 2008

## Times and Heights of High and Low Waters

### January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0300 | 7.5 | 229 |
| | 0916 | 1.1 | 34 |
| | 1501 | 7.2 | 219 |
| | 2127 | 0.7 | 21 |
| **2** W | 0348 | 7.6 | 232 |
| | 1012 | 1.1 | 34 |
| | 1549 | 7.1 | 216 |
| | 2218 | 0.7 | 21 |
| **3** Th | 0438 | 7.6 | 232 |
| | 1106 | 1.0 | 30 |
| | 1639 | 7.0 | 213 |
| | 2307 | 0.6 | 18 |
| **4** F | 0529 | 7.7 | 235 |
| | 1156 | 0.9 | 27 |
| | 1730 | 7.0 | 213 |
| | 2355 | 0.5 | 15 |
| **5** Sa | 0619 | 7.8 | 238 |
| | 1244 | 0.7 | 21 |
| | 1819 | 7.0 | 213 |
| **6** Su | 0042 | 0.4 | 12 |
| | 0705 | 8.0 | 244 |
| | 1331 | 0.5 | 15 |
| | 1905 | 7.1 | 216 |
| **7** M | 0128 | 0.2 | 6 |
| | 0745 | 8.1 | 247 |
| | 1416 | 0.3 | 9 |
| | 1945 | 7.2 | 219 |
| **8** Tu ● | 0212 | 0.0 | 0 |
| | 0820 | 8.3 | 253 |
| | 1458 | 0.1 | 3 |
| | 2022 | 7.3 | 223 |
| **9** W | 0255 | −0.2 | −6 |
| | 0852 | 8.3 | 253 |
| | 1538 | −0.1 | −3 |
| | 2058 | 7.4 | 226 |
| **10** Th | 0336 | −0.3 | −9 |
| | 0924 | 8.4 | 256 |
| | 1617 | −0.3 | −9 |
| | 2135 | 7.6 | 232 |
| **11** F | 0417 | −0.3 | −9 |
| | 1000 | 8.3 | 253 |
| | 1655 | −0.4 | −12 |
| | 2216 | 7.7 | 235 |
| **12** Sa | 0459 | −0.2 | −6 |
| | 1041 | 8.1 | 247 |
| | 1735 | −0.4 | −12 |
| | 2303 | 7.7 | 235 |
| **13** Su | 0544 | 0.0 | 0 |
| | 1129 | 7.9 | 241 |
| | 1818 | −0.3 | −9 |
| | 2357 | 7.8 | 238 |
| **14** M | 0635 | 0.2 | 6 |
| | 1225 | 7.6 | 232 |
| | 1907 | −0.2 | −6 |
| **15** Tu ◐ | 0057 | 7.8 | 238 |
| | 0736 | 0.6 | 18 |
| | 1325 | 7.3 | 223 |
| | 2004 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0159 | 7.9 | 241 |
| | 0847 | 0.8 | 24 |
| | 1427 | 7.0 | 213 |
| | 2108 | 0.0 | 0 |
| **17** Th | 0303 | 8.0 | 244 |
| | 1001 | 0.8 | 24 |
| | 1532 | 6.9 | 210 |
| | 2216 | −0.1 | −3 |
| **18** F | 0411 | 8.1 | 247 |
| | 1110 | 0.6 | 18 |
| | 1641 | 6.8 | 207 |
| | 2320 | −0.3 | −9 |
| **19** Sa | 0522 | 8.2 | 250 |
| | 1214 | 0.3 | 9 |
| | 1752 | 6.9 | 210 |
| **20** Su | 0022 | −0.6 | −18 |
| | 0631 | 8.4 | 256 |
| | 1313 | 0.0 | 0 |
| | 1858 | 7.2 | 219 |
| **21** M | 0121 | −0.9 | −27 |
| | 0731 | 8.7 | 265 |
| | 1407 | −0.4 | −12 |
| | 1955 | 7.5 | 229 |
| **22** Tu ○ | 0216 | −1.1 | −34 |
| | 0822 | 8.8 | 268 |
| | 1457 | −0.7 | −21 |
| | 2046 | 7.7 | 235 |
| **23** W | 0307 | −1.2 | −37 |
| | 0908 | 8.8 | 268 |
| | 1543 | −0.8 | −24 |
| | 2133 | 7.9 | 241 |
| **24** Th | 0354 | −1.2 | −37 |
| | 0950 | 8.6 | 262 |
| | 1624 | −0.8 | −24 |
| | 2218 | 7.8 | 238 |
| **25** F | 0438 | −0.9 | −27 |
| | 1031 | 8.3 | 253 |
| | 1703 | −0.6 | −18 |
| | 2302 | 7.7 | 235 |
| **26** Sa | 0520 | −0.5 | −15 |
| | 1112 | 8.0 | 244 |
| | 1741 | −0.3 | −9 |
| | 2348 | 7.6 | 232 |
| **27** Su | 0602 | −0.1 | −3 |
| | 1154 | 7.6 | 232 |
| | 1817 | 0.0 | 0 |
| **28** M | 0034 | 7.4 | 226 |
| | 0645 | 0.4 | 12 |
| | 1239 | 7.3 | 223 |
| | 1855 | 0.3 | 9 |
| **29** Tu | 0121 | 7.3 | 223 |
| | 0732 | 0.9 | 27 |
| | 1325 | 7.0 | 213 |
| | 1936 | 0.6 | 18 |
| **30** W ◑ | 0208 | 7.2 | 219 |
| | 0825 | 1.2 | 37 |
| | 1413 | 6.8 | 207 |
| | 2024 | 0.8 | 24 |
| **31** Th | 0256 | 7.1 | 216 |
| | 0923 | 1.3 | 40 |
| | 1502 | 6.7 | 204 |
| | 2120 | 0.9 | 27 |

### February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0348 | 7.1 | 216 |
| | 1021 | 1.3 | 40 |
| | 1553 | 6.6 | 201 |
| | 2218 | 0.9 | 27 |
| **2** Sa | 0443 | 7.2 | 219 |
| | 1117 | 1.1 | 34 |
| | 1648 | 6.6 | 201 |
| | 2314 | 0.7 | 21 |
| **3** Su | 0540 | 7.4 | 226 |
| | 1209 | 0.9 | 27 |
| | 1743 | 6.7 | 204 |
| **4** M | 0008 | 0.5 | 15 |
| | 0633 | 7.6 | 232 |
| | 1259 | 0.5 | 15 |
| | 1835 | 6.9 | 210 |
| **5** Tu | 0100 | 0.2 | 6 |
| | 0719 | 7.9 | 241 |
| | 1347 | 0.2 | 6 |
| | 1921 | 7.2 | 219 |
| **6** W ● | 0150 | −0.1 | −3 |
| | 0759 | 8.1 | 247 |
| | 1431 | −0.2 | −6 |
| | 2003 | 7.5 | 229 |
| **7** Th | 0237 | −0.4 | −12 |
| | 0835 | 8.3 | 253 |
| | 1514 | −0.5 | −15 |
| | 2041 | 7.8 | 238 |
| **8** F | 0322 | −0.6 | −18 |
| | 0910 | 8.3 | 253 |
| | 1554 | −0.7 | −21 |
| | 2120 | 8.0 | 244 |
| **9** Sa | 0406 | −0.7 | −21 |
| | 0947 | 8.2 | 250 |
| | 1634 | −0.8 | −24 |
| | 2202 | 8.2 | 250 |
| **10** Su | 0451 | −0.6 | −18 |
| | 1028 | 8.0 | 244 |
| | 1715 | −0.8 | −24 |
| | 2248 | 8.2 | 250 |
| **11** M | 0537 | −0.4 | −12 |
| | 1115 | 7.7 | 235 |
| | 1759 | −0.7 | −21 |
| | 2341 | 8.2 | 250 |
| **12** Tu | 0627 | 0.0 | 0 |
| | 1210 | 7.3 | 223 |
| | 1847 | −0.4 | −12 |
| **13** W ◐ | 0040 | 8.1 | 247 |
| | 0726 | 0.4 | 12 |
| | 1311 | 7.0 | 213 |
| | 1944 | −0.1 | −3 |
| **14** Th | 0144 | 7.9 | 241 |
| | 0834 | 0.8 | 24 |
| | 1415 | 6.8 | 207 |
| | 2049 | 0.1 | 3 |
| **15** F | 0250 | 7.9 | 241 |
| | 0946 | 0.8 | 24 |
| | 1522 | 6.7 | 204 |
| | 2159 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0400 | 7.9 | 241 |
| | 1054 | 0.7 | 21 |
| | 1632 | 6.8 | 207 |
| | 2305 | −0.1 | −3 |
| **17** Su | 0511 | 8.0 | 244 |
| | 1156 | 0.3 | 9 |
| | 1743 | 7.0 | 213 |
| **18** M | 0007 | −0.4 | −12 |
| | 0618 | 8.2 | 250 |
| | 1252 | 0.0 | 0 |
| | 1846 | 7.4 | 226 |
| **19** Tu | 0105 | −0.7 | −21 |
| | 0714 | 8.4 | 256 |
| | 1344 | −0.4 | −12 |
| | 1940 | 7.8 | 238 |
| **20** W ○ | 0158 | −0.9 | −27 |
| | 0802 | 8.5 | 259 |
| | 1432 | −0.6 | −18 |
| | 2028 | 8.1 | 247 |
| **21** Th | 0248 | −1.0 | −30 |
| | 0844 | 8.6 | 262 |
| | 1515 | −0.8 | −24 |
| | 2110 | 8.2 | 250 |
| **22** F | 0333 | −1.0 | −30 |
| | 0922 | 8.4 | 256 |
| | 1555 | −0.7 | −21 |
| | 2149 | 8.2 | 250 |
| **23** Sa | 0414 | −0.8 | −24 |
| | 0958 | 8.2 | 250 |
| | 1630 | −0.5 | −15 |
| | 2226 | 8.1 | 247 |
| **24** Su | 0454 | −0.5 | −15 |
| | 1034 | 7.9 | 241 |
| | 1704 | −0.3 | −9 |
| | 2303 | 7.8 | 238 |
| **25** M | 0531 | 0.0 | 0 |
| | 1111 | 7.5 | 229 |
| | 1735 | 0.1 | 3 |
| | 2341 | 7.6 | 232 |
| **26** Tu | 0609 | 0.4 | 12 |
| | 1152 | 7.2 | 219 |
| | 1807 | 0.4 | 12 |
| **27** W | 0024 | 7.4 | 226 |
| | 0649 | 0.8 | 24 |
| | 1237 | 6.9 | 210 |
| | 1841 | 0.7 | 21 |
| **28** Th ◑ | 0111 | 7.2 | 219 |
| | 0734 | 1.2 | 37 |
| | 1325 | 6.7 | 204 |
| | 1923 | 0.9 | 27 |
| **29** F | 0201 | 7.1 | 216 |
| | 0830 | 1.4 | 43 |
| | 1415 | 6.6 | 201 |
| | 2018 | 1.1 | 34 |

### March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0254 | 7.0 | 213 |
| | 0932 | 1.5 | 46 |
| | 1508 | 6.6 | 201 |
| | 2124 | 1.1 | 34 |
| **2** Su | 0351 | 7.1 | 216 |
| | 1033 | 1.3 | 40 |
| | 1604 | 6.6 | 201 |
| | 2231 | 1.0 | 30 |
| **3** M | 0451 | 7.3 | 223 |
| | 1130 | 1.0 | 30 |
| | 1703 | 6.8 | 207 |
| | 2334 | 0.7 | 21 |
| **4** Tu | 0551 | 7.5 | 229 |
| | 1223 | 0.6 | 18 |
| | 1800 | 7.1 | 216 |
| **5** W | 0031 | 0.3 | 9 |
| | 0644 | 7.8 | 238 |
| | 1313 | 0.2 | 6 |
| | 1852 | 7.6 | 232 |
| **6** Th | 0126 | −0.1 | −3 |
| | 0731 | 8.1 | 247 |
| | 1401 | −0.3 | −9 |
| | 1939 | 8.0 | 244 |
| **7** F ● | 0217 | −0.4 | −12 |
| | 0812 | 8.3 | 253 |
| | 1446 | −0.6 | −18 |
| | 2022 | 8.4 | 256 |
| **8** Sa | 0307 | −0.7 | −21 |
| | 0852 | 8.3 | 253 |
| | 1530 | −0.9 | −27 |
| | 2104 | 8.7 | 265 |
| **9** Su | 0354 | −0.8 | −24 |
| | 0932 | 8.2 | 250 |
| | 1613 | −1.0 | −30 |
| | 2147 | 8.8 | 268 |
| **10** M | 0441 | −0.7 | −21 |
| | 1015 | 7.9 | 241 |
| | 1656 | −0.9 | −27 |
| | 2234 | 8.8 | 268 |
| **11** Tu | 0529 | −0.4 | −12 |
| | 1104 | 7.6 | 232 |
| | 1742 | −0.7 | −21 |
| | 2328 | 8.6 | 262 |
| **12** W | 0619 | 0.0 | 0 |
| | 1202 | 7.2 | 219 |
| | 1832 | −0.3 | −9 |
| **13** Th | 0030 | 8.3 | 253 |
| | 0716 | 0.5 | 15 |
| | 1306 | 7.0 | 213 |
| | 1929 | 0.1 | 3 |
| **14** F ◐ | 0137 | 8.1 | 247 |
| | 0821 | 0.8 | 24 |
| | 1413 | 6.9 | 210 |
| | 2035 | 0.3 | 9 |
| **15** Sa | 0244 | 8.0 | 244 |
| | 0930 | 0.8 | 24 |
| | 1520 | 6.9 | 210 |
| | 2145 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0350 | 7.9 | 241 |
| | 1035 | 0.7 | 21 |
| | 1626 | 7.1 | 216 |
| | 2250 | 0.1 | 3 |
| **17** M | 0455 | 8.0 | 244 |
| | 1134 | 0.4 | 12 |
| | 1729 | 7.5 | 229 |
| | 2350 | −0.1 | −3 |
| **18** Tu | 0555 | 8.1 | 247 |
| | 1227 | 0.0 | 0 |
| | 1828 | 7.8 | 238 |
| **19** W | 0046 | −0.4 | −12 |
| | 0648 | 8.2 | 250 |
| | 1316 | −0.2 | −6 |
| | 1919 | 8.2 | 250 |
| **20** Th | 0137 | −0.5 | −15 |
| | 0734 | 8.3 | 253 |
| | 1402 | −0.4 | −12 |
| | 2004 | 8.5 | 259 |
| **21** F ○ | 0225 | −0.6 | −18 |
| | 0815 | 8.3 | 253 |
| | 1444 | −0.4 | −12 |
| | 2043 | 8.6 | 262 |
| **22** Sa | 0309 | −0.6 | −18 |
| | 0851 | 8.2 | 250 |
| | 1522 | −0.4 | −12 |
| | 2118 | 8.6 | 262 |
| **23** Su | 0349 | −0.4 | −12 |
| | 0925 | 8.0 | 244 |
| | 1556 | −0.2 | −6 |
| | 2151 | 8.4 | 256 |
| **24** M | 0427 | −0.2 | −6 |
| | 0958 | 7.8 | 238 |
| | 1628 | 0.1 | 3 |
| | 2222 | 8.2 | 250 |
| **25** Tu | 0502 | 0.2 | 6 |
| | 1032 | 7.5 | 229 |
| | 1658 | 0.3 | 9 |
| | 2254 | 7.9 | 241 |
| **26** W | 0537 | 0.5 | 15 |
| | 1110 | 7.2 | 219 |
| | 1727 | 0.6 | 18 |
| | 2332 | 7.7 | 235 |
| **27** Th | 0613 | 0.9 | 27 |
| | 1152 | 7.0 | 213 |
| | 1759 | 0.8 | 24 |
| **28** F | 0016 | 7.5 | 229 |
| | 0653 | 1.2 | 37 |
| | 1240 | 6.8 | 207 |
| | 1839 | 1.0 | 30 |
| **29** Sa ◑ | 0107 | 7.3 | 223 |
| | 0743 | 1.4 | 43 |
| | 1332 | 6.8 | 207 |
| | 1930 | 1.2 | 37 |
| **30** Su | 0203 | 7.3 | 223 |
| | 0843 | 1.5 | 46 |
| | 1427 | 6.8 | 207 |
| | 2035 | 1.3 | 40 |
| **31** M | 0301 | 7.4 | 226 |
| | 0947 | 1.3 | 40 |
| | 1524 | 7.0 | 213 |
| | 2149 | 1.2 | 37 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Savannah, Georgia, 2008

## Times and Heights of High and Low Waters

### April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0400 | 7.5 | 229 |
| | 1047 | 1.0 | 30 |
| | 1623 | 7.3 | 223 |
| | 2259 | 0.9 | 27 |
| **2** W | 0501 | 7.6 | 232 |
| | 1143 | 0.6 | 18 |
| | 1722 | 7.7 | 235 |
| **3** Th | 0002 | 0.6 | 18 |
| | 0601 | 7.8 | 238 |
| | 1236 | 0.2 | 6 |
| | 1819 | 8.1 | 247 |
| **4** F | 0101 | 0.2 | 6 |
| | 0655 | 8.0 | 244 |
| | 1327 | −0.2 | −6 |
| | 1911 | 8.6 | 262 |
| **5** Sa ● | 0157 | −0.2 | −6 |
| | 0744 | 8.1 | 247 |
| | 1416 | −0.6 | −18 |
| | 2000 | 9.1 | 277 |
| **6** Su | 0250 | −0.5 | −15 |
| | 0830 | 8.2 | 250 |
| | 1505 | −0.8 | −24 |
| | 2046 | 9.3 | 283 |
| **7** M | 0341 | −0.7 | −21 |
| | 0915 | 8.0 | 244 |
| | 1552 | −0.9 | −27 |
| | 2133 | 9.3 | 283 |
| **8** Tu | 0430 | −0.6 | −18 |
| | 1003 | 7.8 | 238 |
| | 1639 | −0.8 | −24 |
| | 2223 | 9.2 | 280 |
| **9** W | 0519 | −0.3 | −9 |
| | 1057 | 7.5 | 229 |
| | 1728 | −0.5 | −15 |
| | 2320 | 8.8 | 268 |
| **10** Th | 0610 | 0.0 | 0 |
| | 1200 | 7.3 | 223 |
| | 1819 | −0.2 | −6 |
| **11** F | 0026 | 8.5 | 259 |
| | 0706 | 0.4 | 12 |
| | 1309 | 7.2 | 219 |
| | 1917 | 0.2 | 6 |
| **12** Sa ◐ | 0133 | 8.3 | 253 |
| | 0806 | 0.7 | 21 |
| | 1413 | 7.2 | 219 |
| | 2021 | 0.5 | 15 |
| **13** Su | 0235 | 8.1 | 247 |
| | 0910 | 0.7 | 21 |
| | 1514 | 7.4 | 226 |
| | 2128 | 0.5 | 15 |
| **14** M | 0334 | 8.1 | 247 |
| | 1011 | 0.5 | 15 |
| | 1612 | 7.7 | 235 |
| | 2232 | 0.4 | 12 |
| **15** Tu | 0430 | 8.0 | 244 |
| | 1106 | 0.3 | 9 |
| | 1709 | 8.0 | 244 |
| | 2329 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0524 | 8.0 | 244 |
| | 1156 | 0.1 | 3 |
| | 1802 | 8.3 | 253 |
| **17** Th | 0023 | 0.0 | 0 |
| | 0614 | 8.1 | 247 |
| | 1243 | 0.0 | 0 |
| | 1851 | 8.6 | 262 |
| **18** F | 0112 | −0.1 | −3 |
| | 0700 | 8.1 | 247 |
| | 1327 | −0.1 | −3 |
| | 1935 | 8.8 | 268 |
| **19** Sa | 0159 | −0.1 | −3 |
| | 0742 | 8.0 | 244 |
| | 1409 | 0.0 | 0 |
| | 2014 | 8.8 | 268 |
| **20** Su ○ | 0243 | −0.1 | −3 |
| | 0820 | 8.0 | 244 |
| | 1447 | 0.1 | 3 |
| | 2049 | 8.7 | 265 |
| **21** M | 0324 | 0.0 | 0 |
| | 0854 | 7.8 | 238 |
| | 1523 | 0.2 | 6 |
| | 2119 | 8.6 | 262 |
| **22** Tu | 0401 | 0.2 | 6 |
| | 0927 | 7.6 | 232 |
| | 1555 | 0.4 | 12 |
| | 2148 | 8.4 | 256 |
| **23** W | 0436 | 0.4 | 12 |
| | 0959 | 7.4 | 226 |
| | 1626 | 0.6 | 18 |
| | 2218 | 8.1 | 247 |
| **24** Th | 0510 | 0.7 | 21 |
| | 1034 | 7.2 | 219 |
| | 1656 | 0.7 | 21 |
| | 2252 | 8.0 | 244 |
| **25** F | 0545 | 0.9 | 27 |
| | 1114 | 7.1 | 216 |
| | 1729 | 0.9 | 27 |
| | 2333 | 7.8 | 238 |
| **26** Sa | 0624 | 1.0 | 30 |
| | 1202 | 7.0 | 213 |
| | 1809 | 1.0 | 30 |
| **27** Su | 0024 | 7.7 | 235 |
| | 0709 | 1.1 | 34 |
| | 1256 | 7.0 | 213 |
| | 1858 | 1.1 | 34 |
| **28** M ◑ | 0120 | 7.7 | 235 |
| | 0803 | 1.1 | 34 |
| | 1352 | 7.2 | 219 |
| | 2000 | 1.2 | 37 |
| **29** Tu | 0218 | 7.7 | 235 |
| | 0903 | 1.0 | 30 |
| | 1449 | 7.5 | 229 |
| | 2113 | 1.2 | 37 |
| **30** W | 0316 | 7.7 | 235 |
| | 1004 | 0.7 | 21 |
| | 1546 | 7.8 | 238 |
| | 2226 | 1.0 | 30 |

### May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0416 | 7.7 | 235 |
| | 1102 | 0.4 | 12 |
| | 1646 | 8.2 | 250 |
| | 2333 | 0.7 | 21 |
| **2** F | 0518 | 7.7 | 235 |
| | 1158 | 0.1 | 3 |
| | 1745 | 8.6 | 262 |
| **3** Sa | 0036 | 0.4 | 12 |
| | 0618 | 7.8 | 238 |
| | 1253 | −0.2 | −6 |
| | 1843 | 9.1 | 277 |
| **4** Su | 0135 | 0.0 | 0 |
| | 0715 | 7.8 | 238 |
| | 1348 | −0.5 | −15 |
| | 1937 | 9.4 | 287 |
| **5** M ● | 0232 | −0.3 | −9 |
| | 0808 | 7.9 | 241 |
| | 1441 | −0.7 | −21 |
| | 2029 | 9.6 | 293 |
| **6** Tu | 0326 | −0.5 | −15 |
| | 0900 | 7.8 | 238 |
| | 1533 | −0.8 | −24 |
| | 2121 | 9.5 | 290 |
| **7** W | 0417 | −0.5 | −15 |
| | 0953 | 7.7 | 235 |
| | 1623 | −0.7 | −21 |
| | 2215 | 9.3 | 283 |
| **8** Th | 0507 | −0.4 | −12 |
| | 1052 | 7.5 | 229 |
| | 1714 | −0.5 | −15 |
| | 2315 | 9.0 | 274 |
| **9** F | 0558 | −0.1 | −3 |
| | 1159 | 7.4 | 226 |
| | 1806 | −0.2 | −6 |
| **10** Sa | 0020 | 8.7 | 265 |
| | 0650 | 0.2 | 6 |
| | 1305 | 7.4 | 226 |
| | 1902 | 0.2 | 6 |
| **11** Su ◐ | 0122 | 8.4 | 256 |
| | 0746 | 0.4 | 12 |
| | 1404 | 7.6 | 232 |
| | 2003 | 0.5 | 15 |
| **12** M | 0217 | 8.2 | 250 |
| | 0843 | 0.4 | 12 |
| | 1458 | 7.8 | 238 |
| | 2106 | 0.6 | 18 |
| **13** Tu | 0308 | 8.1 | 247 |
| | 0940 | 0.4 | 12 |
| | 1550 | 8.1 | 247 |
| | 2207 | 0.6 | 18 |
| **14** W | 0358 | 8.0 | 244 |
| | 1032 | 0.2 | 6 |
| | 1641 | 8.3 | 253 |
| | 2303 | 0.5 | 15 |
| **15** Th | 0447 | 7.9 | 241 |
| | 1120 | 0.2 | 6 |
| | 1731 | 8.5 | 259 |
| | 2355 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0536 | 7.8 | 238 |
| | 1206 | 0.1 | 3 |
| | 1819 | 8.6 | 262 |
| **17** Sa | 0044 | 0.3 | 9 |
| | 0623 | 7.7 | 235 |
| | 1250 | 0.2 | 6 |
| | 1904 | 8.7 | 265 |
| **18** Su | 0131 | 0.3 | 9 |
| | 0708 | 7.7 | 235 |
| | 1333 | 0.2 | 6 |
| | 1945 | 8.7 | 265 |
| **19** M ○ | 0216 | 0.3 | 9 |
| | 0748 | 7.6 | 232 |
| | 1413 | 0.4 | 12 |
| | 2021 | 8.7 | 265 |
| **20** Tu | 0257 | 0.3 | 9 |
| | 0825 | 7.5 | 229 |
| | 1451 | 0.5 | 15 |
| | 2053 | 8.5 | 259 |
| **21** W | 0336 | 0.4 | 12 |
| | 0859 | 7.4 | 226 |
| | 1526 | 0.6 | 18 |
| | 2122 | 8.4 | 256 |
| **22** Th | 0412 | 0.5 | 15 |
| | 0931 | 7.2 | 219 |
| | 1559 | 0.6 | 18 |
| | 2150 | 8.2 | 250 |
| **23** F | 0447 | 0.6 | 18 |
| | 1006 | 7.1 | 216 |
| | 1633 | 0.7 | 21 |
| | 2223 | 8.1 | 247 |
| **24** Sa | 0522 | 0.6 | 18 |
| | 1045 | 7.1 | 216 |
| | 1708 | 0.8 | 24 |
| | 2303 | 8.0 | 244 |
| **25** Su | 0600 | 0.7 | 21 |
| | 1131 | 7.1 | 216 |
| | 1749 | 0.8 | 24 |
| | 2351 | 8.0 | 244 |
| **26** M | 0642 | 0.7 | 21 |
| | 1224 | 7.3 | 223 |
| | 1837 | 0.9 | 27 |
| **27** Tu ◑ | 0046 | 7.9 | 241 |
| | 0730 | 0.6 | 18 |
| | 1321 | 7.5 | 229 |
| | 1935 | 1.1 | 34 |
| **28** W | 0143 | 7.8 | 238 |
| | 0825 | 0.5 | 15 |
| | 1418 | 7.9 | 241 |
| | 2045 | 1.1 | 34 |
| **29** Th | 0240 | 7.8 | 238 |
| | 0925 | 0.3 | 9 |
| | 1515 | 8.2 | 250 |
| | 2158 | 1.0 | 30 |
| **30** F | 0339 | 7.6 | 232 |
| | 1025 | 0.1 | 3 |
| | 1614 | 8.5 | 259 |
| | 2308 | 0.8 | 24 |
| **31** Sa | 0441 | 7.5 | 229 |
| | 1125 | −0.1 | −3 |
| | 1716 | 8.8 | 268 |

### June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0013 | 0.5 | 15 |
| | 0545 | 7.5 | 229 |
| | 1224 | −0.3 | −9 |
| | 1818 | 9.1 | 277 |
| **2** M | 0115 | 0.2 | 6 |
| | 0649 | 7.5 | 229 |
| | 1322 | −0.5 | −15 |
| | 1918 | 9.4 | 287 |
| **3** Tu ● | 0215 | −0.1 | −3 |
| | 0749 | 7.5 | 229 |
| | 1420 | −0.7 | −21 |
| | 2015 | 9.5 | 290 |
| **4** W | 0310 | −0.3 | −9 |
| | 0846 | 7.6 | 232 |
| | 1515 | −0.8 | −24 |
| | 2111 | 9.4 | 287 |
| **5** Th | 0402 | −0.5 | −15 |
| | 0943 | 7.6 | 232 |
| | 1608 | −0.8 | −24 |
| | 2206 | 9.2 | 280 |
| **6** F | 0452 | −0.5 | −15 |
| | 1044 | 7.6 | 232 |
| | 1659 | −0.6 | −18 |
| | 2304 | 9.0 | 274 |
| **7** Sa | 0540 | −0.4 | −12 |
| | 1147 | 7.6 | 232 |
| | 1750 | −0.3 | −9 |
| **8** Su | 0003 | 8.6 | 262 |
| | 0628 | −0.2 | −6 |
| | 1248 | 7.7 | 235 |
| | 1843 | 0.1 | 3 |
| **9** M | 0058 | 8.4 | 256 |
| | 0718 | 0.0 | 0 |
| | 1343 | 7.8 | 238 |
| | 1939 | 0.5 | 15 |
| **10** Tu ◐ | 0148 | 8.1 | 247 |
| | 0809 | 0.2 | 6 |
| | 1433 | 8.0 | 244 |
| | 2038 | 0.7 | 21 |
| **11** W | 0235 | 7.9 | 241 |
| | 0902 | 0.3 | 9 |
| | 1521 | 8.2 | 250 |
| | 2136 | 0.8 | 24 |
| **12** Th | 0322 | 7.8 | 238 |
| | 0952 | 0.3 | 9 |
| | 1609 | 8.3 | 253 |
| | 2232 | 0.8 | 24 |
| **13** F | 0409 | 7.6 | 232 |
| | 1041 | 0.3 | 9 |
| | 1657 | 8.4 | 256 |
| | 2324 | 0.7 | 21 |
| **14** Sa | 0457 | 7.5 | 229 |
| | 1127 | 0.3 | 9 |
| | 1745 | 8.4 | 256 |
| **15** Su | 0013 | 0.7 | 21 |
| | 0546 | 7.4 | 226 |
| | 1212 | 0.4 | 12 |
| | 1832 | 8.5 | 259 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0100 | 0.6 | 18 |
| | 0634 | 7.3 | 223 |
| | 1257 | 0.4 | 12 |
| | 1916 | 8.5 | 259 |
| **17** Tu | 0146 | 0.6 | 18 |
| | 0718 | 7.3 | 223 |
| | 1340 | 0.5 | 15 |
| | 1956 | 8.5 | 259 |
| **18** W ○ | 0230 | 0.5 | 15 |
| | 0758 | 7.2 | 219 |
| | 1422 | 0.5 | 15 |
| | 2030 | 8.4 | 256 |
| **19** Th | 0310 | 0.5 | 15 |
| | 0834 | 7.2 | 219 |
| | 1501 | 0.5 | 15 |
| | 2100 | 8.4 | 256 |
| **20** F | 0348 | 0.4 | 12 |
| | 0907 | 7.2 | 219 |
| | 1538 | 0.5 | 15 |
| | 2129 | 8.3 | 253 |
| **21** Sa | 0425 | 0.3 | 9 |
| | 0942 | 7.2 | 219 |
| | 1614 | 0.5 | 15 |
| | 2201 | 8.3 | 253 |
| **22** Su | 0500 | 0.3 | 9 |
| | 1020 | 7.3 | 223 |
| | 1652 | 0.5 | 15 |
| | 2239 | 8.2 | 250 |
| **23** M | 0537 | 0.2 | 6 |
| | 1105 | 7.4 | 226 |
| | 1734 | 0.6 | 18 |
| | 2324 | 8.1 | 247 |
| **24** Tu | 0617 | 0.2 | 6 |
| | 1157 | 7.6 | 232 |
| | 1821 | 0.7 | 21 |
| **25** W | 0017 | 7.9 | 241 |
| | 0702 | 0.1 | 3 |
| | 1253 | 7.8 | 238 |
| | 1917 | 0.9 | 27 |
| **26** Th ◑ | 0114 | 7.8 | 238 |
| | 0754 | 0.1 | 3 |
| | 1351 | 8.1 | 247 |
| | 2023 | 1.0 | 30 |
| **27** F | 0212 | 7.6 | 232 |
| | 0852 | 0.1 | 3 |
| | 1449 | 8.4 | 256 |
| | 2137 | 1.1 | 34 |
| **28** Sa | 0311 | 7.4 | 226 |
| | 0955 | 0.0 | 0 |
| | 1549 | 8.6 | 262 |
| | 2248 | 0.9 | 27 |
| **29** Su | 0414 | 7.3 | 223 |
| | 1059 | −0.1 | −3 |
| | 1653 | 8.8 | 268 |
| | 2354 | 0.7 | 21 |
| **30** M | 0521 | 7.2 | 219 |
| | 1201 | −0.3 | −9 |
| | 1800 | 9.0 | 274 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Savannah, Georgia, 2008

## Times and Heights of High and Low Waters

### July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0057 | 0.4 | 12 |
| | 0629 | 7.2 | 219 |
| | 1302 | −0.5 | −15 |
| | 1904 | 9.2 | 280 |
| **2** W ● | 0157 | 0.0 | 0 |
| | 0734 | 7.4 | 226 |
| | 1402 | −0.7 | −21 |
| | 2004 | 9.3 | 283 |
| **3** Th | 0252 | −0.3 | −9 |
| | 0833 | 7.6 | 232 |
| | 1458 | −0.8 | −24 |
| | 2059 | 9.3 | 283 |
| **4** F | 0343 | −0.5 | −15 |
| | 0930 | 7.7 | 235 |
| | 1551 | −0.8 | −24 |
| | 2151 | 9.2 | 280 |
| **5** Sa | 0431 | −0.6 | −18 |
| | 1026 | 7.8 | 238 |
| | 1641 | −0.6 | −18 |
| | 2242 | 8.9 | 271 |
| **6** Su | 0516 | −0.5 | −15 |
| | 1123 | 7.8 | 238 |
| | 1729 | −0.3 | −9 |
| | 2332 | 8.6 | 262 |
| **7** M | 0600 | −0.3 | −9 |
| | 1218 | 7.9 | 241 |
| | 1818 | 0.1 | 3 |
| **8** Tu | 0023 | 8.2 | 250 |
| | 0644 | −0.1 | −3 |
| | 1311 | 7.9 | 241 |
| | 1909 | 0.5 | 15 |
| **9** W ◐ | 0111 | 7.9 | 241 |
| | 0729 | 0.2 | 6 |
| | 1359 | 8.0 | 244 |
| | 2003 | 0.9 | 27 |
| **10** Th | 0158 | 7.7 | 235 |
| | 0817 | 0.4 | 12 |
| | 1446 | 8.0 | 244 |
| | 2059 | 1.1 | 34 |
| **11** F | 0244 | 7.5 | 229 |
| | 0907 | 0.6 | 18 |
| | 1532 | 8.1 | 247 |
| | 2155 | 1.2 | 37 |
| **12** Sa | 0330 | 7.3 | 223 |
| | 0958 | 0.6 | 18 |
| | 1620 | 8.1 | 247 |
| | 2249 | 1.1 | 34 |
| **13** Su | 0419 | 7.2 | 219 |
| | 1047 | 0.7 | 21 |
| | 1710 | 8.1 | 247 |
| | 2339 | 1.1 | 34 |
| **14** M | 0509 | 7.1 | 216 |
| | 1135 | 0.7 | 21 |
| | 1800 | 8.2 | 250 |
| **15** Tu | 0028 | 0.9 | 27 |
| | 0600 | 7.1 | 216 |
| | 1223 | 0.6 | 18 |
| | 1847 | 8.3 | 253 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0115 | 0.8 | 24 |
| | 0648 | 7.2 | 219 |
| | 1309 | 0.6 | 18 |
| | 1930 | 8.4 | 256 |
| **17** Th | 0200 | 0.6 | 18 |
| | 0731 | 7.2 | 219 |
| | 1354 | 0.5 | 15 |
| | 2007 | 8.4 | 256 |
| **18** F ○ | 0242 | 0.4 | 12 |
| | 0810 | 7.3 | 223 |
| | 1437 | 0.4 | 12 |
| | 2039 | 8.5 | 259 |
| **19** Sa | 0322 | 0.3 | 9 |
| | 0845 | 7.5 | 229 |
| | 1518 | 0.4 | 12 |
| | 2109 | 8.5 | 259 |
| **20** Su | 0400 | 0.1 | 3 |
| | 0920 | 7.6 | 232 |
| | 1558 | 0.3 | 9 |
| | 2141 | 8.5 | 259 |
| **21** M | 0436 | 0.0 | 0 |
| | 0958 | 7.8 | 238 |
| | 1639 | 0.3 | 9 |
| | 2218 | 8.3 | 253 |
| **22** Tu | 0514 | −0.1 | −3 |
| | 1041 | 7.9 | 241 |
| | 1722 | 0.4 | 12 |
| | 2301 | 8.1 | 247 |
| **23** W | 0553 | −0.1 | −3 |
| | 1131 | 8.1 | 247 |
| | 1809 | 0.6 | 18 |
| | 2352 | 7.9 | 241 |
| **24** Th | 0637 | 0.0 | 0 |
| | 1228 | 8.2 | 250 |
| | 1903 | 0.9 | 27 |
| **25** F ◑ | 0050 | 7.6 | 232 |
| | 0728 | 0.1 | 3 |
| | 1328 | 8.4 | 256 |
| | 2009 | 1.1 | 34 |
| **26** Sa | 0150 | 7.4 | 226 |
| | 0828 | 0.2 | 6 |
| | 1429 | 8.5 | 259 |
| | 2121 | 1.2 | 37 |
| **27** Su | 0252 | 7.3 | 223 |
| | 0934 | 0.2 | 6 |
| | 1532 | 8.6 | 262 |
| | 2233 | 1.1 | 34 |
| **28** M | 0358 | 7.2 | 219 |
| | 1041 | 0.1 | 3 |
| | 1639 | 8.7 | 265 |
| | 2339 | 0.8 | 24 |
| **29** Tu | 0507 | 7.2 | 219 |
| | 1145 | −0.1 | −3 |
| | 1748 | 8.9 | 271 |
| **30** W | 0040 | 0.5 | 15 |
| | 0618 | 7.4 | 226 |
| | 1247 | −0.3 | −9 |
| | 1854 | 9.1 | 277 |
| **31** Th | 0137 | 0.1 | 3 |
| | 0722 | 7.7 | 235 |
| | 1345 | −0.5 | −15 |
| | 1951 | 9.2 | 280 |

### August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0231 | −0.2 | −6 |
| | 0819 | 8.0 | 244 |
| | 1441 | −0.7 | −21 |
| | 2041 | 9.3 | 283 |
| **2** Sa | 0319 | −0.4 | −12 |
| | 0910 | 8.2 | 250 |
| | 1532 | −0.7 | −21 |
| | 2127 | 9.1 | 277 |
| **3** Su | 0404 | −0.5 | −15 |
| | 1000 | 8.3 | 253 |
| | 1620 | −0.5 | −15 |
| | 2210 | 8.9 | 271 |
| **4** M | 0446 | −0.4 | −12 |
| | 1049 | 8.3 | 253 |
| | 1705 | −0.2 | −6 |
| | 2254 | 8.5 | 259 |
| **5** Tu | 0526 | −0.2 | −6 |
| | 1138 | 8.2 | 250 |
| | 1750 | 0.3 | 9 |
| | 2340 | 8.1 | 247 |
| **6** W | 0605 | 0.1 | 3 |
| | 1228 | 8.0 | 244 |
| | 1835 | 0.8 | 24 |
| **7** Th | 0027 | 7.8 | 238 |
| | 0645 | 0.5 | 15 |
| | 1317 | 8.0 | 244 |
| | 1924 | 1.2 | 37 |
| **8** F ◐ | 0115 | 7.5 | 229 |
| | 0728 | 0.8 | 24 |
| | 1405 | 7.9 | 241 |
| | 2017 | 1.5 | 46 |
| **9** Sa | 0203 | 7.3 | 223 |
| | 0816 | 1.1 | 34 |
| | 1452 | 7.9 | 241 |
| | 2113 | 1.7 | 52 |
| **10** Su | 0251 | 7.2 | 219 |
| | 0909 | 1.2 | 37 |
| | 1541 | 7.9 | 241 |
| | 2210 | 1.7 | 52 |
| **11** M | 0341 | 7.1 | 216 |
| | 1004 | 1.2 | 37 |
| | 1632 | 8.0 | 244 |
| | 2303 | 1.5 | 46 |
| **12** Tu | 0433 | 7.1 | 216 |
| | 1058 | 1.1 | 34 |
| | 1724 | 8.1 | 247 |
| | 2353 | 1.3 | 40 |
| **13** W | 0526 | 7.2 | 219 |
| | 1149 | 1.0 | 30 |
| | 1815 | 8.2 | 250 |
| **14** Th | 0041 | 1.0 | 30 |
| | 0617 | 7.4 | 226 |
| | 1239 | 0.8 | 24 |
| | 1900 | 8.4 | 256 |
| **15** F | 0127 | 0.7 | 21 |
| | 0703 | 7.6 | 232 |
| | 1327 | 0.6 | 18 |
| | 1939 | 8.6 | 262 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0211 | 0.4 | 12 |
| | 0744 | 7.8 | 238 |
| | 1414 | 0.4 | 12 |
| | 2014 | 8.7 | 265 |
| **17** Su | 0252 | 0.2 | 6 |
| | 0822 | 8.1 | 247 |
| | 1459 | 0.3 | 9 |
| | 2047 | 8.7 | 265 |
| **18** M | 0332 | −0.1 | −3 |
| | 0859 | 8.3 | 253 |
| | 1542 | 0.2 | 6 |
| | 2121 | 8.7 | 265 |
| **19** Tu | 0411 | −0.2 | −6 |
| | 0937 | 8.5 | 259 |
| | 1626 | 0.3 | 9 |
| | 2158 | 8.5 | 259 |
| **20** W | 0450 | −0.2 | −6 |
| | 1020 | 8.6 | 262 |
| | 1710 | 0.4 | 12 |
| | 2241 | 8.2 | 250 |
| **21** Th | 0532 | −0.1 | −3 |
| | 1109 | 8.6 | 262 |
| | 1759 | 0.7 | 21 |
| | 2332 | 7.9 | 241 |
| **22** F | 0617 | 0.1 | 3 |
| | 1207 | 8.6 | 262 |
| | 1854 | 1.1 | 34 |
| **23** Sa ◑ | 0032 | 7.5 | 229 |
| | 0710 | 0.3 | 9 |
| | 1311 | 8.6 | 262 |
| | 1958 | 1.4 | 43 |
| **24** Su | 0138 | 7.3 | 223 |
| | 0812 | 0.5 | 15 |
| | 1417 | 8.6 | 262 |
| | 2110 | 1.5 | 46 |
| **25** M | 0245 | 7.2 | 219 |
| | 0921 | 0.5 | 15 |
| | 1524 | 8.6 | 262 |
| | 2220 | 1.3 | 40 |
| **26** Tu | 0353 | 7.3 | 223 |
| | 1030 | 0.4 | 12 |
| | 1633 | 8.7 | 265 |
| | 2324 | 1.0 | 30 |
| **27** W | 0503 | 7.5 | 229 |
| | 1133 | 0.2 | 6 |
| | 1739 | 8.9 | 271 |
| **28** Th | 0021 | 0.6 | 18 |
| | 0610 | 7.8 | 238 |
| | 1233 | −0.1 | −3 |
| | 1839 | 9.1 | 277 |
| **29** F | 0115 | 0.2 | 6 |
| | 0709 | 8.2 | 250 |
| | 1329 | −0.3 | −9 |
| | 1931 | 9.2 | 280 |
| **30** Sa ● | 0205 | −0.1 | −3 |
| | 0801 | 8.6 | 262 |
| | 1421 | −0.4 | −12 |
| | 2017 | 9.3 | 283 |
| **31** Su | 0251 | −0.3 | −9 |
| | 0847 | 8.8 | 268 |
| | 1510 | −0.4 | −12 |
| | 2058 | 9.1 | 277 |

### September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0334 | −0.3 | −9 |
| | 0930 | 8.8 | 268 |
| | 1556 | −0.2 | −6 |
| | 2136 | 8.9 | 271 |
| **2** Tu | 0413 | −0.1 | −3 |
| | 1011 | 8.7 | 265 |
| | 1638 | 0.1 | 3 |
| | 2215 | 8.5 | 259 |
| **3** W | 0450 | 0.2 | 6 |
| | 1052 | 8.5 | 259 |
| | 1719 | 0.6 | 18 |
| | 2255 | 8.1 | 247 |
| **4** Th | 0526 | 0.5 | 15 |
| | 1136 | 8.3 | 253 |
| | 1800 | 1.1 | 34 |
| | 2339 | 7.7 | 235 |
| **5** F | 0601 | 0.9 | 27 |
| | 1224 | 8.0 | 244 |
| | 1843 | 1.5 | 46 |
| **6** Sa | 0027 | 7.4 | 226 |
| | 0638 | 1.3 | 40 |
| | 1314 | 7.8 | 238 |
| | 1931 | 1.9 | 58 |
| **7** Su ◐ | 0118 | 7.2 | 219 |
| | 0721 | 1.5 | 46 |
| | 1406 | 7.8 | 238 |
| | 2026 | 2.1 | 64 |
| **8** M | 0210 | 7.1 | 216 |
| | 0815 | 1.7 | 52 |
| | 1457 | 7.8 | 238 |
| | 2125 | 2.1 | 64 |
| **9** Tu | 0302 | 7.2 | 219 |
| | 0916 | 1.7 | 52 |
| | 1550 | 7.9 | 241 |
| | 2222 | 1.9 | 58 |
| **10** W | 0355 | 7.3 | 223 |
| | 1018 | 1.6 | 49 |
| | 1643 | 8.1 | 247 |
| | 2314 | 1.6 | 49 |
| **11** Th | 0450 | 7.5 | 229 |
| | 1115 | 1.3 | 40 |
| | 1735 | 8.3 | 253 |
| **12** F | 0003 | 1.2 | 37 |
| | 0543 | 7.7 | 235 |
| | 1208 | 1.0 | 30 |
| | 1823 | 8.5 | 259 |
| **13** Sa | 0050 | 0.8 | 24 |
| | 0632 | 8.1 | 247 |
| | 1300 | 0.7 | 21 |
| | 1906 | 8.7 | 265 |
| **14** Su | 0136 | 0.4 | 12 |
| | 0716 | 8.5 | 259 |
| | 1350 | 0.5 | 15 |
| | 1946 | 8.9 | 271 |
| **15** M ○ | 0220 | 0.1 | 3 |
| | 0757 | 8.9 | 271 |
| | 1439 | 0.3 | 9 |
| | 2023 | 8.9 | 271 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0303 | −0.1 | −3 |
| | 0837 | 9.2 | 280 |
| | 1526 | 0.2 | 6 |
| | 2100 | 8.8 | 268 |
| **17** W | 0346 | −0.2 | −6 |
| | 0918 | 9.3 | 283 |
| | 1613 | 0.3 | 9 |
| | 2140 | 8.5 | 259 |
| **18** Th | 0428 | −0.2 | −6 |
| | 1002 | 9.3 | 283 |
| | 1700 | 0.5 | 15 |
| | 2225 | 8.2 | 250 |
| **19** F | 0513 | 0.0 | 0 |
| | 1052 | 9.1 | 277 |
| | 1750 | 0.8 | 24 |
| | 2318 | 7.8 | 238 |
| **20** Sa | 0601 | 0.3 | 9 |
| | 1153 | 8.9 | 271 |
| | 1845 | 1.2 | 37 |
| **21** Su | 0024 | 7.5 | 229 |
| | 0657 | 0.6 | 18 |
| | 1302 | 8.7 | 265 |
| | 1949 | 1.5 | 46 |
| **22** M ◑ | 0136 | 7.3 | 223 |
| | 0801 | 0.8 | 24 |
| | 1413 | 8.6 | 262 |
| | 2058 | 1.6 | 49 |
| **23** Tu | 0247 | 7.4 | 226 |
| | 0911 | 0.9 | 27 |
| | 1521 | 8.7 | 265 |
| | 2205 | 1.4 | 43 |
| **24** W | 0354 | 7.7 | 235 |
| | 1019 | 0.7 | 21 |
| | 1624 | 8.8 | 268 |
| | 2305 | 1.0 | 30 |
| **25** Th | 0458 | 8.0 | 244 |
| | 1120 | 0.4 | 12 |
| | 1724 | 8.9 | 271 |
| | 2359 | 0.6 | 18 |
| **26** F | 0558 | 8.4 | 256 |
| | 1217 | 0.2 | 6 |
| | 1818 | 9.1 | 277 |
| **27** Sa | 0049 | 0.2 | 6 |
| | 0651 | 8.8 | 268 |
| | 1310 | 0.0 | 0 |
| | 1906 | 9.1 | 277 |
| **28** Su | 0136 | 0.0 | 0 |
| | 0739 | 9.1 | 277 |
| | 1400 | −0.1 | −3 |
| | 1949 | 9.1 | 277 |
| **29** M ● | 0220 | 0.0 | 0 |
| | 0821 | 9.3 | 283 |
| | 1447 | 0.0 | 0 |
| | 2028 | 9.0 | 274 |
| **30** Tu | 0302 | 0.0 | 0 |
| | 0900 | 9.3 | 283 |
| | 1531 | 0.2 | 6 |
| | 2104 | 8.8 | 268 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Savannah, Georgia, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0340 | 0.2 | 6 |
| | 0935 | 9.1 | 277 |
| | 1611 | 0.5 | 15 |
| | 2139 | 8.4 | 256 |
| **2** Th | 0415 | 0.5 | 15 |
| | 1010 | 8.8 | 268 |
| | 1650 | 0.8 | 24 |
| | 2215 | 8.1 | 247 |
| **3** F | 0448 | 0.8 | 24 |
| | 1046 | 8.5 | 259 |
| | 1727 | 1.3 | 40 |
| | 2254 | 7.7 | 235 |
| **4** Sa | 0520 | 1.2 | 37 |
| | 1127 | 8.1 | 247 |
| | 1806 | 1.7 | 52 |
| | 2339 | 7.4 | 226 |
| **5** Su | 0553 | 1.5 | 46 |
| | 1216 | 7.9 | 241 |
| | 1848 | 2.0 | 61 |
| **6** M | 0029 | 7.2 | 219 |
| | 0632 | 1.7 | 52 |
| | 1310 | 7.8 | 238 |
| | 1937 | 2.2 | 67 |
| **7** Tu ◐ | 0125 | 7.1 | 216 |
| | 0722 | 1.9 | 58 |
| | 1406 | 7.8 | 238 |
| | 2035 | 2.2 | 67 |
| **8** W | 0220 | 7.2 | 219 |
| | 0825 | 1.9 | 58 |
| | 1500 | 7.9 | 241 |
| | 2135 | 2.0 | 61 |
| **9** Th | 0315 | 7.4 | 226 |
| | 0934 | 1.8 | 55 |
| | 1554 | 8.1 | 247 |
| | 2231 | 1.6 | 49 |
| **10** F | 0410 | 7.7 | 235 |
| | 1038 | 1.6 | 49 |
| | 1647 | 8.3 | 253 |
| | 2322 | 1.2 | 37 |
| **11** Sa | 0505 | 8.1 | 247 |
| | 1137 | 1.2 | 37 |
| | 1740 | 8.5 | 259 |
| **12** Su | 0012 | 0.7 | 21 |
| | 0557 | 8.6 | 262 |
| | 1233 | 0.8 | 24 |
| | 1829 | 8.6 | 262 |
| **13** M | 0100 | 0.3 | 9 |
| | 0647 | 9.1 | 277 |
| | 1327 | 0.5 | 15 |
| | 1915 | 8.7 | 265 |
| **14** Tu ○ | 0148 | 0.0 | 0 |
| | 0733 | 9.5 | 290 |
| | 1420 | 0.3 | 9 |
| | 1959 | 8.7 | 265 |
| **15** W | 0236 | −0.2 | −6 |
| | 0817 | 9.7 | 296 |
| | 1510 | 0.2 | 6 |
| | 2041 | 8.6 | 262 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0323 | −0.3 | −9 |
| | 0901 | 9.8 | 299 |
| | 1600 | 0.2 | 6 |
| | 2125 | 8.4 | 256 |
| **17** F | 0410 | −0.2 | −6 |
| | 0948 | 9.7 | 296 |
| | 1649 | 0.4 | 12 |
| | 2214 | 8.1 | 247 |
| **18** Sa | 0458 | −0.1 | −3 |
| | 1042 | 9.3 | 283 |
| | 1740 | 0.7 | 21 |
| | 2312 | 7.7 | 235 |
| **19** Su | 0549 | 0.3 | 9 |
| | 1146 | 9.0 | 274 |
| | 1835 | 1.1 | 34 |
| **20** M | 0024 | 7.5 | 229 |
| | 0645 | 0.6 | 18 |
| | 1259 | 8.7 | 265 |
| | 1936 | 1.3 | 40 |
| **21** Tu ◑ | 0139 | 7.5 | 229 |
| | 0749 | 0.9 | 27 |
| | 1408 | 8.6 | 262 |
| | 2040 | 1.3 | 40 |
| **22** W | 0246 | 7.7 | 235 |
| | 0857 | 1.0 | 30 |
| | 1509 | 8.6 | 262 |
| | 2144 | 1.1 | 34 |
| **23** Th | 0347 | 8.0 | 244 |
| | 1003 | 0.8 | 24 |
| | 1606 | 8.7 | 265 |
| | 2241 | 0.8 | 24 |
| **24** F | 0444 | 8.4 | 256 |
| | 1103 | 0.6 | 18 |
| | 1700 | 8.7 | 265 |
| | 2333 | 0.4 | 12 |
| **25** Sa | 0539 | 8.8 | 268 |
| | 1158 | 0.4 | 12 |
| | 1750 | 8.7 | 265 |
| **26** Su | 0020 | 0.2 | 6 |
| | 0629 | 9.1 | 277 |
| | 1249 | 0.2 | 6 |
| | 1837 | 8.8 | 268 |
| **27** M | 0106 | 0.1 | 3 |
| | 0715 | 9.3 | 283 |
| | 1337 | 0.2 | 6 |
| | 1920 | 8.7 | 265 |
| **28** Tu ● | 0149 | 0.1 | 3 |
| | 0756 | 9.4 | 287 |
| | 1423 | 0.2 | 6 |
| | 1959 | 8.6 | 262 |
| **29** W | 0230 | 0.2 | 6 |
| | 0833 | 9.3 | 283 |
| | 1506 | 0.4 | 12 |
| | 2035 | 8.4 | 256 |
| **30** Th | 0308 | 0.4 | 12 |
| | 0907 | 9.1 | 277 |
| | 1545 | 0.6 | 18 |
| | 2109 | 8.2 | 250 |
| **31** F | 0343 | 0.6 | 18 |
| | 0938 | 8.8 | 268 |
| | 1623 | 0.9 | 27 |
| | 2143 | 7.9 | 241 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0415 | 0.9 | 27 |
| | 1009 | 8.5 | 259 |
| | 1658 | 1.2 | 37 |
| | 2218 | 7.6 | 232 |
| **2** Su | 0446 | 1.1 | 34 |
| | 1043 | 8.2 | 250 |
| | 1734 | 1.4 | 43 |
| | 2257 | 7.4 | 226 |
| **3** M | 0518 | 1.3 | 40 |
| | 1125 | 8.0 | 244 |
| | 1812 | 1.7 | 52 |
| | 2344 | 7.2 | 219 |
| **4** Tu | 0556 | 1.5 | 46 |
| | 1214 | 7.9 | 241 |
| | 1855 | 1.8 | 55 |
| **5** W ◐ | 0038 | 7.2 | 219 |
| | 0641 | 1.6 | 49 |
| | 1310 | 7.8 | 238 |
| | 1946 | 1.8 | 55 |
| **6** Th | 0135 | 7.3 | 223 |
| | 0739 | 1.7 | 52 |
| | 1407 | 7.9 | 241 |
| | 2044 | 1.6 | 49 |
| **7** F | 0232 | 7.5 | 229 |
| | 0849 | 1.7 | 52 |
| | 1502 | 7.9 | 241 |
| | 2143 | 1.3 | 40 |
| **8** Sa | 0328 | 7.9 | 241 |
| | 1001 | 1.5 | 46 |
| | 1558 | 8.0 | 244 |
| | 2239 | 0.9 | 27 |
| **9** Su | 0424 | 8.3 | 253 |
| | 1106 | 1.2 | 37 |
| | 1655 | 8.1 | 247 |
| | 2333 | 0.5 | 15 |
| **10** M | 0521 | 8.7 | 265 |
| | 1207 | 0.8 | 24 |
| | 1752 | 8.2 | 250 |
| **11** Tu | 0026 | 0.1 | 3 |
| | 0617 | 9.2 | 280 |
| | 1305 | 0.5 | 15 |
| | 1846 | 8.2 | 250 |
| **12** W | 0119 | −0.2 | −6 |
| | 0710 | 9.5 | 290 |
| | 1401 | 0.2 | 6 |
| | 1937 | 8.3 | 253 |
| **13** Th ○ | 0212 | −0.4 | −12 |
| | 0800 | 9.8 | 299 |
| | 1455 | 0.0 | 0 |
| | 2025 | 8.2 | 250 |
| **14** F | 0303 | −0.5 | −15 |
| | 0849 | 9.8 | 299 |
| | 1547 | 0.0 | 0 |
| | 2114 | 8.1 | 247 |
| **15** Sa | 0354 | −0.6 | −18 |
| | 0941 | 9.6 | 293 |
| | 1638 | 0.1 | 3 |
| | 2208 | 7.9 | 241 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0445 | −0.4 | −12 |
| | 1037 | 9.3 | 283 |
| | 1728 | 0.3 | 9 |
| | 2310 | 7.6 | 232 |
| **17** M | 0537 | −0.1 | −3 |
| | 1141 | 8.9 | 271 |
| | 1820 | 0.5 | 15 |
| **18** Tu | 0022 | 7.5 | 229 |
| | 0632 | 0.3 | 9 |
| | 1249 | 8.6 | 262 |
| | 1916 | 0.7 | 21 |
| **19** W ◑ | 0131 | 7.6 | 232 |
| | 0732 | 0.6 | 18 |
| | 1351 | 8.5 | 259 |
| | 2015 | 0.8 | 24 |
| **20** Th | 0232 | 7.8 | 238 |
| | 0837 | 0.8 | 24 |
| | 1446 | 8.3 | 253 |
| | 2114 | 0.7 | 21 |
| **21** F | 0328 | 8.1 | 247 |
| | 0941 | 0.8 | 24 |
| | 1538 | 8.3 | 253 |
| | 2210 | 0.5 | 15 |
| **22** Sa | 0421 | 8.4 | 256 |
| | 1040 | 0.6 | 18 |
| | 1628 | 8.2 | 250 |
| | 2301 | 0.3 | 9 |
| **23** Su | 0513 | 8.6 | 262 |
| | 1134 | 0.5 | 15 |
| | 1718 | 8.1 | 247 |
| | 2349 | 0.2 | 6 |
| **24** M | 0602 | 8.8 | 268 |
| | 1225 | 0.4 | 12 |
| | 1806 | 8.1 | 247 |
| **25** Tu | 0034 | 0.1 | 3 |
| | 0649 | 9.0 | 274 |
| | 1313 | 0.3 | 9 |
| | 1851 | 8.1 | 247 |
| **26** W | 0118 | 0.1 | 3 |
| | 0732 | 9.0 | 274 |
| | 1358 | 0.3 | 9 |
| | 1933 | 8.0 | 244 |
| **27** Th ● | 0200 | 0.2 | 6 |
| | 0810 | 8.9 | 271 |
| | 1441 | 0.4 | 12 |
| | 2011 | 7.9 | 241 |
| **28** F | 0239 | 0.3 | 9 |
| | 0844 | 8.8 | 268 |
| | 1521 | 0.5 | 15 |
| | 2045 | 7.8 | 238 |
| **29** Sa | 0316 | 0.4 | 12 |
| | 0915 | 8.6 | 262 |
| | 1558 | 0.6 | 18 |
| | 2118 | 7.6 | 232 |
| **30** Su | 0349 | 0.6 | 18 |
| | 0944 | 8.4 | 256 |
| | 1633 | 0.8 | 24 |
| | 2151 | 7.4 | 226 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0421 | 0.7 | 21 |
| | 1014 | 8.2 | 250 |
| | 1707 | 0.9 | 27 |
| | 2226 | 7.3 | 223 |
| **2** Tu | 0454 | 0.8 | 24 |
| | 1049 | 8.0 | 244 |
| | 1742 | 1.0 | 30 |
| | 2308 | 7.2 | 219 |
| **3** W | 0530 | 0.9 | 27 |
| | 1132 | 7.9 | 241 |
| | 1820 | 1.0 | 30 |
| | 2357 | 7.2 | 219 |
| **4** Th | 0613 | 1.0 | 30 |
| | 1223 | 7.8 | 238 |
| | 1905 | 1.0 | 30 |
| **5** F ◐ | 0053 | 7.4 | 226 |
| | 0705 | 1.2 | 37 |
| | 1319 | 7.7 | 235 |
| | 1957 | 0.9 | 27 |
| **6** Sa | 0150 | 7.6 | 232 |
| | 0810 | 1.3 | 40 |
| | 1416 | 7.7 | 235 |
| | 2055 | 0.7 | 21 |
| **7** Su | 0248 | 7.9 | 241 |
| | 0924 | 1.3 | 40 |
| | 1514 | 7.6 | 232 |
| | 2157 | 0.5 | 15 |
| **8** M | 0346 | 8.2 | 250 |
| | 1036 | 1.1 | 34 |
| | 1614 | 7.5 | 229 |
| | 2257 | 0.2 | 6 |
| **9** Tu | 0447 | 8.6 | 262 |
| | 1142 | 0.8 | 24 |
| | 1717 | 7.5 | 229 |
| | 2356 | −0.1 | −3 |
| **10** W | 0550 | 8.9 | 271 |
| | 1245 | 0.4 | 12 |
| | 1819 | 7.6 | 232 |
| **11** Th | 0055 | −0.4 | −12 |
| | 0651 | 9.2 | 280 |
| | 1344 | 0.1 | 3 |
| | 1918 | 7.7 | 235 |
| **12** F ○ | 0152 | −0.7 | −21 |
| | 0748 | 9.4 | 287 |
| | 1441 | −0.2 | −6 |
| | 2014 | 7.8 | 238 |
| **13** Sa | 0247 | −0.9 | −27 |
| | 0842 | 9.5 | 290 |
| | 1533 | −0.4 | −12 |
| | 2108 | 7.8 | 238 |
| **14** Su | 0341 | −1.0 | −30 |
| | 0935 | 9.4 | 287 |
| | 1623 | −0.5 | −15 |
| | 2203 | 7.7 | 235 |
| **15** M | 0432 | −0.9 | −27 |
| | 1030 | 9.1 | 277 |
| | 1712 | −0.4 | −12 |
| | 2304 | 7.7 | 235 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0523 | −0.7 | −21 |
| | 1128 | 8.7 | 265 |
| | 1800 | −0.2 | −6 |
| **17** W | 0008 | 7.6 | 232 |
| | 0615 | −0.3 | −9 |
| | 1227 | 8.4 | 256 |
| | 1849 | 0.0 | 0 |
| **18** Th | 0110 | 7.7 | 235 |
| | 0710 | 0.2 | 6 |
| | 1322 | 8.1 | 247 |
| | 1942 | 0.2 | 6 |
| **19** F ◑ | 0206 | 7.8 | 238 |
| | 0810 | 0.5 | 15 |
| | 1413 | 7.9 | 241 |
| | 2037 | 0.3 | 9 |
| **20** Sa | 0258 | 7.9 | 241 |
| | 0911 | 0.7 | 21 |
| | 1503 | 7.7 | 235 |
| | 2132 | 0.3 | 9 |
| **21** Su | 0350 | 8.0 | 244 |
| | 1011 | 0.7 | 21 |
| | 1552 | 7.5 | 229 |
| | 2225 | 0.3 | 9 |
| **22** M | 0441 | 8.1 | 247 |
| | 1106 | 0.6 | 18 |
| | 1642 | 7.4 | 226 |
| | 2315 | 0.2 | 6 |
| **23** Tu | 0532 | 8.2 | 250 |
| | 1157 | 0.5 | 15 |
| | 1733 | 7.4 | 226 |
| **24** W | 0002 | 0.2 | 6 |
| | 0622 | 8.3 | 253 |
| | 1246 | 0.4 | 12 |
| | 1822 | 7.4 | 226 |
| **25** Th | 0048 | 0.2 | 6 |
| | 0708 | 8.4 | 256 |
| | 1332 | 0.3 | 9 |
| | 1908 | 7.4 | 226 |
| **26** F | 0132 | 0.2 | 6 |
| | 0750 | 8.4 | 256 |
| | 1416 | 0.3 | 9 |
| | 1948 | 7.4 | 226 |
| **27** Sa ● | 0214 | 0.1 | 3 |
| | 0826 | 8.4 | 256 |
| | 1456 | 0.2 | 6 |
| | 2025 | 7.4 | 226 |
| **28** Su | 0252 | 0.1 | 3 |
| | 0857 | 8.3 | 253 |
| | 1534 | 0.2 | 6 |
| | 2057 | 7.3 | 223 |
| **29** M | 0328 | 0.1 | 3 |
| | 0924 | 8.2 | 250 |
| | 1609 | 0.2 | 6 |
| | 2129 | 7.3 | 223 |
| **30** Tu | 0402 | 0.2 | 6 |
| | 0952 | 8.1 | 247 |
| | 1642 | 0.2 | 6 |
| | 2202 | 7.3 | 223 |
| **31** W | 0436 | 0.2 | 6 |
| | 1023 | 8.0 | 244 |
| | 1715 | 0.2 | 6 |
| | 2240 | 7.4 | 226 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Fernandina Beach, Amelia River, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0300 | 5.3 | 162 |
| | 0914 | 0.8 | 24 |
| | 1508 | 4.8 | 146 |
| | 2117 | 0.3 | 9 |
| **2** W | 0354 | 5.4 | 165 |
| | 1008 | 0.7 | 21 |
| | 1601 | 4.6 | 140 |
| | 2205 | 0.3 | 9 |
| **3** Th | 0449 | 5.5 | 168 |
| | 1100 | 0.6 | 18 |
| | 1655 | 4.6 | 140 |
| | 2253 | 0.2 | 6 |
| **4** F | 0540 | 5.7 | 174 |
| | 1150 | 0.5 | 15 |
| | 1747 | 4.7 | 143 |
| | 2341 | 0.1 | 3 |
| **5** Sa | 0628 | 5.9 | 180 |
| | 1236 | 0.3 | 9 |
| | 1835 | 4.9 | 149 |
| **6** Su | 0028 | −0.1 | −3 |
| | 0714 | 6.0 | 183 |
| | 1320 | 0.1 | 3 |
| | 1921 | 5.0 | 152 |
| **7** M | 0112 | −0.2 | −6 |
| | 0757 | 6.2 | 189 |
| | 1401 | −0.1 | −3 |
| | 2004 | 5.1 | 155 |
| **8** Tu ● | 0153 | −0.4 | −12 |
| | 0838 | 6.3 | 192 |
| | 1440 | −0.2 | −6 |
| | 2046 | 5.2 | 158 |
| **9** W | 0233 | −0.5 | −15 |
| | 0918 | 6.3 | 192 |
| | 1517 | −0.3 | −9 |
| | 2127 | 5.3 | 162 |
| **10** Th | 0313 | −0.5 | −15 |
| | 0957 | 6.3 | 192 |
| | 1554 | −0.4 | −12 |
| | 2209 | 5.4 | 165 |
| **11** F | 0354 | −0.5 | −15 |
| | 1036 | 6.2 | 189 |
| | 1632 | −0.5 | −15 |
| | 2251 | 5.5 | 168 |
| **12** Sa | 0437 | −0.4 | −12 |
| | 1116 | 6.0 | 183 |
| | 1713 | −0.5 | −15 |
| | 2335 | 5.6 | 171 |
| **13** Su | 0526 | −0.2 | −6 |
| | 1158 | 5.8 | 177 |
| | 1759 | −0.5 | −15 |
| **14** M | 0023 | 5.7 | 174 |
| | 0622 | 0.0 | 0 |
| | 1245 | 5.5 | 168 |
| | 1850 | −0.5 | −15 |
| **15** Tu ◐ | 0115 | 5.8 | 177 |
| | 0726 | 0.1 | 3 |
| | 1338 | 5.3 | 162 |
| | 1947 | −0.5 | −15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0215 | 5.9 | 180 |
| | 0833 | 0.2 | 6 |
| | 1438 | 5.1 | 155 |
| | 2047 | −0.5 | −15 |
| **17** Th | 0322 | 6.0 | 183 |
| | 0940 | 0.2 | 6 |
| | 1546 | 5.0 | 152 |
| | 2149 | −0.6 | −18 |
| **18** F | 0434 | 6.2 | 189 |
| | 1045 | 0.0 | 0 |
| | 1657 | 5.0 | 152 |
| | 2252 | −0.7 | −21 |
| **19** Sa | 0542 | 6.4 | 195 |
| | 1148 | −0.2 | −6 |
| | 1802 | 5.2 | 158 |
| | 2353 | −0.9 | −27 |
| **20** Su | 0643 | 6.7 | 204 |
| | 1247 | −0.4 | −12 |
| | 1902 | 5.5 | 168 |
| **21** M | 0052 | −1.1 | −34 |
| | 0739 | 6.9 | 210 |
| | 1341 | −0.7 | −21 |
| | 1957 | 5.7 | 174 |
| **22** Tu ○ | 0147 | −1.2 | −37 |
| | 0831 | 6.9 | 210 |
| | 1431 | −0.8 | −24 |
| | 2050 | 5.8 | 177 |
| **23** W | 0238 | −1.2 | −37 |
| | 0919 | 6.9 | 210 |
| | 1516 | −0.9 | −27 |
| | 2139 | 5.9 | 180 |
| **24** Th | 0327 | −1.0 | −30 |
| | 1004 | 6.6 | 201 |
| | 1559 | −0.8 | −24 |
| | 2226 | 5.9 | 180 |
| **25** F | 0413 | −0.7 | −21 |
| | 1047 | 6.3 | 192 |
| | 1641 | −0.6 | −18 |
| | 2311 | 5.8 | 177 |
| **26** Sa | 0500 | −0.4 | −12 |
| | 1127 | 5.9 | 180 |
| | 1722 | −0.4 | −12 |
| | 2354 | 5.7 | 174 |
| **27** Su | 0548 | 0.0 | 0 |
| | 1207 | 5.5 | 168 |
| | 1803 | −0.1 | −3 |
| **28** M | 0037 | 5.5 | 168 |
| | 0639 | 0.4 | 12 |
| | 1247 | 5.1 | 155 |
| | 1847 | 0.2 | 6 |
| **29** Tu | 0120 | 5.4 | 165 |
| | 0733 | 0.7 | 21 |
| | 1329 | 4.8 | 146 |
| | 1935 | 0.4 | 12 |
| **30** W ◑ | 0208 | 5.3 | 162 |
| | 0829 | 0.9 | 27 |
| | 1417 | 4.6 | 140 |
| | 2025 | 0.5 | 15 |
| **31** Th | 0302 | 5.2 | 158 |
| | 0924 | 0.9 | 27 |
| | 1511 | 4.5 | 137 |
| | 2118 | 0.5 | 15 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0402 | 5.2 | 158 |
| | 1019 | 0.8 | 24 |
| | 1610 | 4.5 | 137 |
| | 2212 | 0.4 | 12 |
| **2** Sa | 0501 | 5.4 | 165 |
| | 1111 | 0.7 | 21 |
| | 1709 | 4.6 | 140 |
| | 2305 | 0.3 | 9 |
| **3** Su | 0555 | 5.6 | 171 |
| | 1201 | 0.5 | 15 |
| | 1803 | 4.8 | 146 |
| | 2356 | 0.1 | 3 |
| **4** M | 0645 | 5.9 | 180 |
| | 1248 | 0.2 | 6 |
| | 1852 | 5.1 | 155 |
| **5** Tu | 0045 | −0.2 | −6 |
| | 0730 | 6.1 | 186 |
| | 1331 | −0.1 | −3 |
| | 1938 | 5.3 | 162 |
| **6** W ● | 0131 | −0.4 | −12 |
| | 0813 | 6.3 | 192 |
| | 1411 | −0.3 | −9 |
| | 2022 | 5.6 | 171 |
| **7** Th | 0214 | −0.6 | −18 |
| | 0853 | 6.4 | 195 |
| | 1449 | −0.6 | −18 |
| | 2105 | 5.8 | 177 |
| **8** F | 0257 | −0.7 | −21 |
| | 0934 | 6.4 | 195 |
| | 1527 | −0.7 | −21 |
| | 2148 | 6.0 | 183 |
| **9** Sa | 0340 | −0.7 | −21 |
| | 1014 | 6.3 | 192 |
| | 1606 | −0.8 | −24 |
| | 2231 | 6.2 | 189 |
| **10** Su | 0425 | −0.6 | −18 |
| | 1056 | 6.1 | 186 |
| | 1648 | −0.8 | −24 |
| | 2316 | 6.3 | 192 |
| **11** M | 0514 | −0.4 | −12 |
| | 1140 | 5.9 | 180 |
| | 1733 | −0.7 | −21 |
| **12** Tu | 0005 | 6.3 | 192 |
| | 0609 | −0.2 | −6 |
| | 1227 | 5.6 | 171 |
| | 1825 | −0.6 | −18 |
| **13** W ◐ | 0058 | 6.2 | 189 |
| | 0710 | 0.1 | 3 |
| | 1321 | 5.3 | 162 |
| | 1923 | −0.4 | −12 |
| **14** Th | 0158 | 6.1 | 186 |
| | 0817 | 0.3 | 9 |
| | 1422 | 5.1 | 155 |
| | 2027 | −0.3 | −9 |
| **15** F | 0308 | 6.1 | 186 |
| | 0924 | 0.4 | 12 |
| | 1532 | 5.0 | 152 |
| | 2133 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0422 | 6.1 | 186 |
| | 1030 | 0.3 | 9 |
| | 1645 | 5.1 | 155 |
| | 2238 | −0.4 | −12 |
| **17** Su | 0531 | 6.3 | 192 |
| | 1133 | 0.1 | 3 |
| | 1751 | 5.4 | 165 |
| | 2341 | −0.5 | −15 |
| **18** M | 0631 | 6.5 | 198 |
| | 1230 | −0.1 | −3 |
| | 1850 | 5.7 | 174 |
| **19** Tu | 0041 | −0.7 | −21 |
| | 0724 | 6.7 | 204 |
| | 1322 | −0.4 | −12 |
| | 1944 | 6.0 | 183 |
| **20** W ○ | 0135 | −0.8 | −24 |
| | 0812 | 6.7 | 204 |
| | 1409 | −0.6 | −18 |
| | 2032 | 6.2 | 189 |
| **21** Th | 0224 | −0.8 | −24 |
| | 0856 | 6.7 | 204 |
| | 1451 | −0.6 | −18 |
| | 2117 | 6.3 | 192 |
| **22** F | 0309 | −0.7 | −21 |
| | 0937 | 6.5 | 198 |
| | 1530 | −0.6 | −18 |
| | 2200 | 6.3 | 192 |
| **23** Sa | 0352 | −0.5 | −15 |
| | 1016 | 6.2 | 189 |
| | 1607 | −0.4 | −12 |
| | 2239 | 6.2 | 189 |
| **24** Su | 0434 | −0.1 | −3 |
| | 1053 | 5.8 | 177 |
| | 1643 | −0.1 | −3 |
| | 2318 | 6.1 | 186 |
| **25** M | 0516 | 0.2 | 6 |
| | 1130 | 5.5 | 168 |
| | 1719 | 0.2 | 6 |
| | 2356 | 5.9 | 180 |
| **26** Tu | 0601 | 0.6 | 18 |
| | 1208 | 5.2 | 158 |
| | 1758 | 0.4 | 12 |
| **27** W | 0036 | 5.7 | 174 |
| | 0649 | 0.9 | 27 |
| | 1248 | 5.0 | 152 |
| | 1842 | 0.7 | 21 |
| **28** Th ◑ | 0120 | 5.5 | 168 |
| | 0742 | 1.1 | 34 |
| | 1333 | 4.8 | 146 |
| | 1933 | 0.8 | 24 |
| **29** F | 0212 | 5.4 | 165 |
| | 0838 | 1.2 | 37 |
| | 1425 | 4.7 | 143 |
| | 2030 | 0.9 | 27 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0312 | 5.3 | 162 |
| | 0934 | 1.2 | 37 |
| | 1525 | 4.7 | 143 |
| | 2129 | 0.8 | 24 |
| **2** Su | 0416 | 5.5 | 168 |
| | 1029 | 1.0 | 30 |
| | 1628 | 4.8 | 146 |
| | 2227 | 0.7 | 21 |
| **3** M | 0517 | 5.7 | 174 |
| | 1121 | 0.8 | 24 |
| | 1728 | 5.1 | 155 |
| | 2323 | 0.4 | 12 |
| **4** Tu | 0610 | 6.0 | 183 |
| | 1210 | 0.5 | 15 |
| | 1821 | 5.5 | 168 |
| **5** W | 0016 | 0.1 | 3 |
| | 0657 | 6.3 | 192 |
| | 1255 | 0.1 | 3 |
| | 1910 | 5.9 | 180 |
| **6** Th | 0106 | −0.2 | −6 |
| | 0742 | 6.5 | 198 |
| | 1338 | −0.3 | −9 |
| | 1956 | 6.3 | 192 |
| **7** F ● | 0154 | −0.5 | −15 |
| | 0825 | 6.6 | 201 |
| | 1419 | −0.6 | −18 |
| | 2040 | 6.7 | 204 |
| **8** Sa | 0239 | −0.7 | −21 |
| | 0908 | 6.6 | 201 |
| | 1459 | −0.8 | −24 |
| | 2125 | 6.9 | 210 |
| **9** Su | 0325 | −0.7 | −21 |
| | 0952 | 6.5 | 198 |
| | 1541 | −0.9 | −27 |
| | 2211 | 7.1 | 216 |
| **10** M | 0412 | −0.6 | −18 |
| | 1037 | 6.4 | 195 |
| | 1625 | −0.8 | −24 |
| | 2259 | 7.1 | 216 |
| **11** Tu | 0501 | −0.4 | −12 |
| | 1124 | 6.1 | 186 |
| | 1712 | −0.6 | −18 |
| | 2350 | 6.9 | 210 |
| **12** W | 0556 | 0.0 | 0 |
| | 1215 | 5.9 | 180 |
| | 1806 | −0.3 | −9 |
| **13** Th | 0046 | 6.7 | 204 |
| | 0657 | 0.3 | 9 |
| | 1310 | 5.6 | 171 |
| | 1906 | 0.0 | 0 |
| **14** F ◐ | 0147 | 6.5 | 198 |
| | 0803 | 0.5 | 15 |
| | 1413 | 5.4 | 165 |
| | 2013 | 0.2 | 6 |
| **15** Sa | 0256 | 6.3 | 192 |
| | 0910 | 0.6 | 18 |
| | 1523 | 5.4 | 165 |
| | 2121 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0408 | 6.3 | 192 |
| | 1014 | 0.6 | 18 |
| | 1634 | 5.5 | 168 |
| | 2227 | 0.2 | 6 |
| **17** M | 0514 | 6.4 | 195 |
| | 1114 | 0.4 | 12 |
| | 1739 | 5.8 | 177 |
| | 2330 | 0.1 | 3 |
| **18** Tu | 0612 | 6.5 | 198 |
| | 1208 | 0.2 | 6 |
| | 1835 | 6.1 | 186 |
| **19** W | 0028 | 0.0 | 0 |
| | 0702 | 6.6 | 201 |
| | 1257 | 0.0 | 0 |
| | 1925 | 6.4 | 195 |
| **20** Th | 0120 | −0.2 | −6 |
| | 0747 | 6.6 | 201 |
| | 1341 | −0.1 | −3 |
| | 2010 | 6.6 | 201 |
| **21** F ○ | 0207 | −0.2 | −6 |
| | 0829 | 6.5 | 198 |
| | 1421 | −0.2 | −6 |
| | 2052 | 6.7 | 204 |
| **22** Sa | 0250 | −0.2 | −6 |
| | 0908 | 6.3 | 192 |
| | 1457 | −0.1 | −3 |
| | 2130 | 6.7 | 204 |
| **23** Su | 0330 | 0.0 | 0 |
| | 0945 | 6.1 | 186 |
| | 1532 | 0.1 | 3 |
| | 2207 | 6.7 | 204 |
| **24** M | 0408 | 0.2 | 6 |
| | 1021 | 5.9 | 180 |
| | 1606 | 0.3 | 9 |
| | 2243 | 6.5 | 198 |
| **25** Tu | 0446 | 0.5 | 15 |
| | 1057 | 5.6 | 171 |
| | 1639 | 0.5 | 15 |
| | 2319 | 6.3 | 192 |
| **26** W | 0526 | 0.8 | 24 |
| | 1134 | 5.4 | 165 |
| | 1715 | 0.8 | 24 |
| | 2358 | 6.1 | 186 |
| **27** Th | 0610 | 1.1 | 34 |
| | 1214 | 5.2 | 158 |
| | 1756 | 1.0 | 30 |
| **28** F | 0041 | 5.9 | 180 |
| | 0659 | 1.3 | 40 |
| | 1258 | 5.1 | 155 |
| | 1846 | 1.2 | 37 |
| **29** Sa ◑ | 0129 | 5.8 | 177 |
| | 0753 | 1.4 | 43 |
| | 1348 | 5.0 | 152 |
| | 1945 | 1.3 | 40 |
| **30** Su | 0226 | 5.7 | 174 |
| | 0850 | 1.4 | 43 |
| | 1446 | 5.1 | 155 |
| | 2048 | 1.2 | 37 |
| **31** M | 0328 | 5.7 | 174 |
| | 0945 | 1.2 | 37 |
| | 1549 | 5.3 | 162 |
| | 2150 | 1.1 | 34 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Fernandina Beach, Amelia River, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0431 | 5.9 | 180 |
| | 1037 | 0.9 | 27 |
| | 1650 | 5.6 | 171 |
| | 2250 | 0.8 | 24 |
| **2** W | 0528 | 6.1 | 186 |
| | 1127 | 0.6 | 18 |
| | 1747 | 6.1 | 186 |
| | 2346 | 0.5 | 15 |
| **3** Th | 0620 | 6.4 | 195 |
| | 1215 | 0.2 | 6 |
| | 1838 | 6.6 | 201 |
| **4** F | 0040 | 0.1 | 3 |
| | 0708 | 6.6 | 201 |
| | 1302 | −0.2 | −6 |
| | 1927 | 7.1 | 216 |
| **5** Sa ● | 0132 | −0.2 | −6 |
| | 0755 | 6.7 | 204 |
| | 1347 | −0.5 | −15 |
| | 2015 | 7.5 | 229 |
| **6** Su | 0221 | −0.5 | −15 |
| | 0842 | 6.7 | 204 |
| | 1432 | −0.7 | −21 |
| | 2103 | 7.7 | 235 |
| **7** M | 0309 | −0.5 | −15 |
| | 0930 | 6.7 | 204 |
| | 1517 | −0.8 | −24 |
| | 2153 | 7.8 | 238 |
| **8** Tu | 0358 | −0.5 | −15 |
| | 1019 | 6.5 | 198 |
| | 1604 | −0.7 | −21 |
| | 2245 | 7.7 | 235 |
| **9** W | 0449 | −0.2 | −6 |
| | 1111 | 6.3 | 192 |
| | 1655 | −0.4 | −12 |
| | 2339 | 7.4 | 226 |
| **10** Th | 0544 | 0.1 | 3 |
| | 1205 | 6.1 | 186 |
| | 1751 | 0.0 | 0 |
| **11** F | 0036 | 7.1 | 216 |
| | 0645 | 0.5 | 15 |
| | 1302 | 5.9 | 180 |
| | 1853 | 0.3 | 9 |
| **12** Sa ◐ | 0137 | 6.8 | 207 |
| | 0749 | 0.7 | 21 |
| | 1405 | 5.8 | 177 |
| | 2001 | 0.6 | 18 |
| **13** Su | 0241 | 6.6 | 201 |
| | 0853 | 0.7 | 21 |
| | 1512 | 5.8 | 177 |
| | 2110 | 0.7 | 21 |
| **14** M | 0346 | 6.4 | 195 |
| | 0954 | 0.7 | 21 |
| | 1619 | 6.0 | 183 |
| | 2214 | 0.7 | 21 |
| **15** Tu | 0448 | 6.4 | 195 |
| | 1049 | 0.5 | 15 |
| | 1721 | 6.2 | 189 |
| | 2315 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0543 | 6.4 | 195 |
| | 1139 | 0.4 | 12 |
| | 1814 | 6.5 | 198 |
| **17** Th | 0010 | 0.5 | 15 |
| | 0632 | 6.3 | 192 |
| | 1226 | 0.3 | 9 |
| | 1901 | 6.8 | 207 |
| **18** F | 0100 | 0.4 | 12 |
| | 0716 | 6.3 | 192 |
| | 1308 | 0.2 | 6 |
| | 1943 | 7.0 | 213 |
| **19** Sa | 0146 | 0.3 | 9 |
| | 0757 | 6.2 | 189 |
| | 1347 | 0.2 | 6 |
| | 2023 | 7.0 | 213 |
| **20** Su ○ | 0227 | 0.3 | 9 |
| | 0836 | 6.1 | 186 |
| | 1424 | 0.3 | 9 |
| | 2100 | 7.0 | 213 |
| **21** M | 0306 | 0.4 | 12 |
| | 0913 | 6.0 | 183 |
| | 1459 | 0.4 | 12 |
| | 2137 | 6.9 | 210 |
| **22** Tu | 0343 | 0.5 | 15 |
| | 0950 | 5.8 | 177 |
| | 1533 | 0.6 | 18 |
| | 2213 | 6.7 | 204 |
| **23** W | 0419 | 0.7 | 21 |
| | 1027 | 5.6 | 171 |
| | 1606 | 0.8 | 24 |
| | 2250 | 6.6 | 201 |
| **24** Th | 0457 | 0.9 | 27 |
| | 1106 | 5.5 | 168 |
| | 1642 | 1.0 | 30 |
| | 2329 | 6.4 | 195 |
| **25** F | 0538 | 1.2 | 37 |
| | 1146 | 5.4 | 165 |
| | 1722 | 1.1 | 34 |
| **26** Sa | 0010 | 6.2 | 189 |
| | 0623 | 1.3 | 40 |
| | 1230 | 5.3 | 162 |
| | 1809 | 1.3 | 40 |
| **27** Su | 0056 | 6.1 | 186 |
| | 0714 | 1.4 | 43 |
| | 1318 | 5.3 | 162 |
| | 1907 | 1.4 | 43 |
| **28** M ◑ | 0147 | 6.0 | 183 |
| | 0808 | 1.3 | 40 |
| | 1412 | 5.5 | 168 |
| | 2011 | 1.4 | 43 |
| **29** Tu | 0243 | 6.0 | 183 |
| | 0902 | 1.1 | 34 |
| | 1512 | 5.7 | 174 |
| | 2116 | 1.2 | 37 |
| **30** W | 0343 | 6.0 | 183 |
| | 0954 | 0.8 | 24 |
| | 1613 | 6.1 | 186 |
| | 2218 | 1.0 | 30 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0443 | 6.1 | 186 |
| | 1045 | 0.4 | 12 |
| | 1711 | 6.6 | 201 |
| | 2317 | 0.6 | 18 |
| **2** F | 0539 | 6.3 | 192 |
| | 1136 | 0.1 | 3 |
| | 1806 | 7.1 | 216 |
| **3** Sa | 0014 | 0.3 | 9 |
| | 0633 | 6.4 | 195 |
| | 1227 | −0.3 | −9 |
| | 1859 | 7.6 | 232 |
| **4** Su | 0109 | −0.1 | −3 |
| | 0725 | 6.5 | 198 |
| | 1317 | −0.5 | −15 |
| | 1951 | 7.9 | 241 |
| **5** M ● | 0202 | −0.3 | −9 |
| | 0817 | 6.6 | 201 |
| | 1406 | −0.7 | −21 |
| | 2043 | 8.1 | 247 |
| **6** Tu | 0253 | −0.4 | −12 |
| | 0909 | 6.6 | 201 |
| | 1456 | −0.7 | −21 |
| | 2137 | 8.1 | 247 |
| **7** W | 0344 | −0.3 | −9 |
| | 1003 | 6.5 | 198 |
| | 1547 | −0.6 | −18 |
| | 2232 | 7.9 | 241 |
| **8** Th | 0436 | −0.1 | −3 |
| | 1058 | 6.4 | 195 |
| | 1640 | −0.3 | −9 |
| | 2328 | 7.6 | 232 |
| **9** F | 0531 | 0.1 | 3 |
| | 1155 | 6.3 | 192 |
| | 1737 | 0.1 | 3 |
| **10** Sa | 0024 | 7.3 | 223 |
| | 0630 | 0.4 | 12 |
| | 1253 | 6.1 | 186 |
| | 1840 | 0.5 | 15 |
| **11** Su ◐ | 0121 | 7.0 | 213 |
| | 0731 | 0.5 | 15 |
| | 1353 | 6.1 | 186 |
| | 1947 | 0.8 | 24 |
| **12** M | 0218 | 6.6 | 201 |
| | 0831 | 0.6 | 18 |
| | 1455 | 6.1 | 186 |
| | 2054 | 0.9 | 27 |
| **13** Tu | 0317 | 6.3 | 192 |
| | 0926 | 0.6 | 18 |
| | 1556 | 6.3 | 192 |
| | 2156 | 0.9 | 27 |
| **14** W | 0414 | 6.1 | 186 |
| | 1017 | 0.5 | 15 |
| | 1654 | 6.5 | 198 |
| | 2253 | 0.9 | 27 |
| **15** Th | 0507 | 6.0 | 183 |
| | 1104 | 0.5 | 15 |
| | 1745 | 6.7 | 204 |
| | 2346 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0556 | 5.9 | 180 |
| | 1149 | 0.5 | 15 |
| | 1831 | 6.9 | 210 |
| **17** Sa | 0035 | 0.7 | 21 |
| | 0641 | 5.9 | 180 |
| | 1232 | 0.4 | 12 |
| | 1913 | 7.0 | 213 |
| **18** Su | 0120 | 0.6 | 18 |
| | 0723 | 5.8 | 177 |
| | 1313 | 0.5 | 15 |
| | 1953 | 7.0 | 213 |
| **19** M ○ | 0202 | 0.6 | 18 |
| | 0803 | 5.8 | 177 |
| | 1351 | 0.5 | 15 |
| | 2031 | 7.0 | 213 |
| **20** Tu | 0241 | 0.6 | 18 |
| | 0843 | 5.7 | 174 |
| | 1428 | 0.6 | 18 |
| | 2110 | 6.9 | 210 |
| **21** W | 0318 | 0.6 | 18 |
| | 0922 | 5.6 | 171 |
| | 1504 | 0.7 | 21 |
| | 2148 | 6.8 | 207 |
| **22** Th | 0355 | 0.7 | 21 |
| | 1002 | 5.5 | 168 |
| | 1539 | 0.8 | 24 |
| | 2226 | 6.6 | 201 |
| **23** F | 0432 | 0.9 | 27 |
| | 1042 | 5.5 | 168 |
| | 1616 | 0.9 | 27 |
| | 2305 | 6.5 | 198 |
| **24** Sa | 0511 | 1.0 | 30 |
| | 1123 | 5.4 | 165 |
| | 1656 | 1.0 | 30 |
| | 2346 | 6.4 | 195 |
| **25** Su | 0553 | 1.0 | 30 |
| | 1207 | 5.4 | 165 |
| | 1743 | 1.2 | 37 |
| **26** M | 0028 | 6.2 | 189 |
| | 0640 | 1.0 | 30 |
| | 1253 | 5.5 | 168 |
| | 1838 | 1.2 | 37 |
| **27** Tu ◑ | 0114 | 6.1 | 186 |
| | 0730 | 0.9 | 27 |
| | 1343 | 5.7 | 174 |
| | 1941 | 1.2 | 37 |
| **28** W | 0205 | 6.1 | 186 |
| | 0822 | 0.7 | 21 |
| | 1439 | 6.0 | 183 |
| | 2046 | 1.1 | 34 |
| **29** Th | 0301 | 6.0 | 183 |
| | 0914 | 0.4 | 12 |
| | 1538 | 6.4 | 195 |
| | 2149 | 0.9 | 27 |
| **30** F | 0401 | 6.0 | 183 |
| | 1007 | 0.1 | 3 |
| | 1638 | 6.8 | 207 |
| | 2250 | 0.6 | 18 |
| **31** Sa | 0502 | 6.0 | 183 |
| | 1101 | −0.2 | −6 |
| | 1738 | 7.3 | 223 |
| | 2350 | 0.3 | 9 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0601 | 6.1 | 186 |
| | 1156 | −0.4 | −12 |
| | 1835 | 7.6 | 232 |
| **2** M | 0048 | 0.0 | 0 |
| | 0658 | 6.2 | 189 |
| | 1250 | −0.6 | −18 |
| | 1931 | 7.9 | 241 |
| **3** Tu ● | 0143 | −0.2 | −6 |
| | 0754 | 6.3 | 192 |
| | 1345 | −0.8 | −24 |
| | 2027 | 8.0 | 244 |
| **4** W | 0237 | −0.3 | −9 |
| | 0851 | 6.4 | 195 |
| | 1438 | −0.8 | −24 |
| | 2124 | 8.0 | 244 |
| **5** Th | 0329 | −0.3 | −9 |
| | 0948 | 6.4 | 195 |
| | 1531 | −0.6 | −18 |
| | 2219 | 7.8 | 238 |
| **6** F | 0421 | −0.2 | −6 |
| | 1045 | 6.3 | 192 |
| | 1626 | −0.3 | −9 |
| | 2314 | 7.6 | 232 |
| **7** Sa | 0514 | 0.0 | 0 |
| | 1141 | 6.3 | 192 |
| | 1723 | 0.1 | 3 |
| **8** Su | 0006 | 7.2 | 219 |
| | 0609 | 0.1 | 3 |
| | 1237 | 6.2 | 189 |
| | 1823 | 0.5 | 15 |
| **9** M | 0058 | 6.8 | 207 |
| | 0705 | 0.3 | 9 |
| | 1333 | 6.2 | 189 |
| | 1927 | 0.8 | 24 |
| **10** Tu ◐ | 0149 | 6.4 | 195 |
| | 0759 | 0.4 | 12 |
| | 1429 | 6.2 | 189 |
| | 2031 | 0.9 | 27 |
| **11** W | 0241 | 6.0 | 183 |
| | 0851 | 0.4 | 12 |
| | 1525 | 6.3 | 192 |
| | 2130 | 1.0 | 30 |
| **12** Th | 0333 | 5.8 | 177 |
| | 0939 | 0.5 | 15 |
| | 1619 | 6.4 | 195 |
| | 2225 | 1.0 | 30 |
| **13** F | 0425 | 5.6 | 171 |
| | 1026 | 0.5 | 15 |
| | 1710 | 6.5 | 198 |
| | 2316 | 1.0 | 30 |
| **14** Sa | 0515 | 5.5 | 168 |
| | 1111 | 0.5 | 15 |
| | 1757 | 6.6 | 201 |
| **15** Su | 0005 | 0.9 | 27 |
| | 0602 | 5.4 | 165 |
| | 1155 | 0.5 | 15 |
| | 1841 | 6.7 | 204 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0051 | 0.8 | 24 |
| | 0647 | 5.5 | 168 |
| | 1239 | 0.5 | 15 |
| | 1923 | 6.8 | 207 |
| **17** Tu | 0134 | 0.7 | 21 |
| | 0731 | 5.5 | 168 |
| | 1321 | 0.5 | 15 |
| | 2005 | 6.8 | 207 |
| **18** W ○ | 0215 | 0.6 | 18 |
| | 0814 | 5.5 | 168 |
| | 1401 | 0.5 | 15 |
| | 2045 | 6.8 | 207 |
| **19** Th | 0253 | 0.6 | 18 |
| | 0856 | 5.5 | 168 |
| | 1439 | 0.5 | 15 |
| | 2125 | 6.7 | 204 |
| **20** F | 0330 | 0.6 | 18 |
| | 0938 | 5.4 | 165 |
| | 1517 | 0.6 | 18 |
| | 2205 | 6.6 | 201 |
| **21** Sa | 0407 | 0.6 | 18 |
| | 1019 | 5.4 | 165 |
| | 1555 | 0.7 | 21 |
| | 2243 | 6.5 | 198 |
| **22** Su | 0444 | 0.6 | 18 |
| | 1101 | 5.5 | 168 |
| | 1636 | 0.8 | 24 |
| | 2322 | 6.4 | 195 |
| **23** M | 0524 | 0.6 | 18 |
| | 1144 | 5.6 | 171 |
| | 1723 | 0.9 | 27 |
| **24** Tu | 0003 | 6.3 | 192 |
| | 0607 | 0.5 | 15 |
| | 1229 | 5.8 | 177 |
| | 1816 | 0.9 | 27 |
| **25** W | 0046 | 6.1 | 186 |
| | 0655 | 0.4 | 12 |
| | 1317 | 6.0 | 183 |
| | 1917 | 1.0 | 30 |
| **26** Th ◑ | 0134 | 6.0 | 183 |
| | 0746 | 0.2 | 6 |
| | 1410 | 6.3 | 192 |
| | 2021 | 0.9 | 27 |
| **27** F | 0227 | 5.8 | 177 |
| | 0840 | 0.0 | 0 |
| | 1509 | 6.6 | 201 |
| | 2125 | 0.8 | 24 |
| **28** Sa | 0327 | 5.7 | 174 |
| | 0936 | −0.2 | −6 |
| | 1611 | 6.9 | 210 |
| | 2227 | 0.6 | 18 |
| **29** Su | 0431 | 5.7 | 174 |
| | 1033 | −0.3 | −9 |
| | 1715 | 7.2 | 219 |
| | 2328 | 0.3 | 9 |
| **30** M | 0535 | 5.8 | 177 |
| | 1132 | −0.5 | −15 |
| | 1817 | 7.5 | 229 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Fernandina Beach, Amelia River, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0028 | 0.1 | 3 |
| | 0637 | 5.9 | 180 |
| | 1230 | −0.7 | −21 |
| | 1916 | 7.7 | 235 |
| **2** W ● | 0126 | −0.1 | −3 |
| | 0736 | 6.1 | 186 |
| | 1328 | −0.8 | −24 |
| | 2014 | 7.8 | 238 |
| **3** Th | 0220 | −0.3 | −9 |
| | 0835 | 6.2 | 189 |
| | 1423 | −0.8 | −24 |
| | 2109 | 7.7 | 235 |
| **4** F | 0312 | −0.4 | −12 |
| | 0932 | 6.3 | 192 |
| | 1517 | −0.6 | −18 |
| | 2203 | 7.6 | 232 |
| **5** Sa | 0402 | −0.3 | −9 |
| | 1028 | 6.3 | 192 |
| | 1610 | −0.4 | −12 |
| | 2253 | 7.3 | 223 |
| **6** Su | 0451 | −0.2 | −6 |
| | 1122 | 6.3 | 192 |
| | 1705 | 0.0 | 0 |
| | 2342 | 6.9 | 210 |
| **7** M | 0540 | −0.1 | −3 |
| | 1214 | 6.3 | 192 |
| | 1801 | 0.4 | 12 |
| **8** Tu | 0029 | 6.5 | 198 |
| | 0631 | 0.1 | 3 |
| | 1305 | 6.3 | 192 |
| | 1901 | 0.8 | 24 |
| **9** W ◐ | 0115 | 6.1 | 186 |
| | 0721 | 0.3 | 9 |
| | 1355 | 6.2 | 189 |
| | 2000 | 1.0 | 30 |
| **10** Th | 0201 | 5.7 | 174 |
| | 0810 | 0.4 | 12 |
| | 1446 | 6.2 | 189 |
| | 2057 | 1.1 | 34 |
| **11** F | 0250 | 5.4 | 165 |
| | 0858 | 0.5 | 15 |
| | 1538 | 6.2 | 189 |
| | 2151 | 1.1 | 34 |
| **12** Sa | 0340 | 5.2 | 158 |
| | 0945 | 0.6 | 18 |
| | 1630 | 6.2 | 189 |
| | 2241 | 1.1 | 34 |
| **13** Su | 0432 | 5.2 | 158 |
| | 1032 | 0.6 | 18 |
| | 1720 | 6.3 | 192 |
| | 2330 | 1.0 | 30 |
| **14** M | 0524 | 5.2 | 158 |
| | 1120 | 0.6 | 18 |
| | 1808 | 6.4 | 195 |
| **15** Tu | 0018 | 0.9 | 27 |
| | 0613 | 5.3 | 162 |
| | 1206 | 0.5 | 15 |
| | 1854 | 6.5 | 198 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0103 | 0.8 | 24 |
| | 0700 | 5.4 | 165 |
| | 1252 | 0.5 | 15 |
| | 1938 | 6.6 | 201 |
| **17** Th | 0146 | 0.6 | 18 |
| | 0746 | 5.5 | 168 |
| | 1335 | 0.4 | 12 |
| | 2020 | 6.7 | 204 |
| **18** F ○ | 0225 | 0.5 | 15 |
| | 0830 | 5.5 | 168 |
| | 1417 | 0.4 | 12 |
| | 2101 | 6.7 | 204 |
| **19** Sa | 0303 | 0.4 | 12 |
| | 0913 | 5.6 | 171 |
| | 1457 | 0.4 | 12 |
| | 2140 | 6.6 | 201 |
| **20** Su | 0339 | 0.3 | 9 |
| | 0956 | 5.7 | 174 |
| | 1537 | 0.4 | 12 |
| | 2219 | 6.5 | 198 |
| **21** M | 0416 | 0.2 | 6 |
| | 1038 | 5.8 | 177 |
| | 1619 | 0.5 | 15 |
| | 2258 | 6.4 | 195 |
| **22** Tu | 0454 | 0.2 | 6 |
| | 1121 | 6.0 | 183 |
| | 1706 | 0.6 | 18 |
| | 2339 | 6.2 | 189 |
| **23** W | 0536 | 0.1 | 3 |
| | 1205 | 6.2 | 189 |
| | 1758 | 0.7 | 21 |
| **24** Th | 0022 | 6.1 | 186 |
| | 0624 | 0.1 | 3 |
| | 1254 | 6.4 | 195 |
| | 1857 | 0.8 | 24 |
| **25** F ◑ | 0110 | 5.9 | 180 |
| | 0716 | 0.0 | 0 |
| | 1347 | 6.5 | 198 |
| | 2001 | 0.8 | 24 |
| **26** Sa | 0203 | 5.7 | 174 |
| | 0813 | −0.1 | −3 |
| | 1447 | 6.7 | 204 |
| | 2105 | 0.8 | 24 |
| **27** Su | 0304 | 5.6 | 171 |
| | 0913 | −0.2 | −6 |
| | 1553 | 6.8 | 207 |
| | 2209 | 0.6 | 18 |
| **28** M | 0411 | 5.6 | 171 |
| | 1014 | −0.3 | −9 |
| | 1700 | 7.0 | 213 |
| | 2311 | 0.5 | 15 |
| **29** Tu | 0519 | 5.7 | 174 |
| | 1115 | −0.4 | −12 |
| | 1805 | 7.3 | 223 |
| **30** W | 0011 | 0.3 | 9 |
| | 0623 | 5.9 | 180 |
| | 1216 | −0.5 | −15 |
| | 1904 | 7.4 | 226 |
| **31** Th | 0108 | 0.0 | 0 |
| | 0723 | 6.1 | 186 |
| | 1314 | −0.6 | −18 |
| | 1959 | 7.5 | 229 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0202 | −0.2 | −6 |
| | 0820 | 6.3 | 192 |
| | 1410 | −0.6 | −18 |
| | 2051 | 7.5 | 229 |
| **2** Sa | 0251 | −0.3 | −9 |
| | 0915 | 6.5 | 198 |
| | 1502 | −0.5 | −15 |
| | 2141 | 7.3 | 223 |
| **3** Su | 0337 | −0.3 | −9 |
| | 1007 | 6.5 | 198 |
| | 1553 | −0.2 | −6 |
| | 2228 | 7.0 | 213 |
| **4** M | 0422 | −0.2 | −6 |
| | 1057 | 6.5 | 198 |
| | 1643 | 0.1 | 3 |
| | 2312 | 6.6 | 201 |
| **5** Tu | 0506 | 0.0 | 0 |
| | 1144 | 6.5 | 198 |
| | 1734 | 0.5 | 15 |
| | 2355 | 6.2 | 189 |
| **6** W | 0550 | 0.2 | 6 |
| | 1230 | 6.3 | 192 |
| | 1828 | 0.9 | 27 |
| **7** Th | 0038 | 5.9 | 180 |
| | 0636 | 0.5 | 15 |
| | 1315 | 6.2 | 189 |
| | 1923 | 1.1 | 34 |
| **8** F ◐ | 0121 | 5.5 | 168 |
| | 0724 | 0.7 | 21 |
| | 1402 | 6.1 | 186 |
| | 2018 | 1.3 | 40 |
| **9** Sa | 0206 | 5.3 | 162 |
| | 0814 | 0.8 | 24 |
| | 1453 | 6.0 | 183 |
| | 2112 | 1.4 | 43 |
| **10** Su | 0256 | 5.2 | 158 |
| | 0904 | 0.9 | 27 |
| | 1547 | 6.0 | 183 |
| | 2203 | 1.3 | 40 |
| **11** M | 0350 | 5.1 | 155 |
| | 0955 | 0.9 | 27 |
| | 1642 | 6.1 | 186 |
| | 2254 | 1.3 | 40 |
| **12** Tu | 0446 | 5.2 | 158 |
| | 1045 | 0.8 | 24 |
| | 1734 | 6.3 | 192 |
| | 2342 | 1.1 | 34 |
| **13** W | 0539 | 5.3 | 162 |
| | 1135 | 0.7 | 21 |
| | 1823 | 6.4 | 195 |
| **14** Th | 0029 | 0.9 | 27 |
| | 0630 | 5.5 | 168 |
| | 1224 | 0.6 | 18 |
| | 1908 | 6.6 | 201 |
| **15** F | 0112 | 0.7 | 21 |
| | 0717 | 5.7 | 174 |
| | 1310 | 0.4 | 12 |
| | 1951 | 6.7 | 204 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0153 | 0.4 | 12 |
| | 0802 | 5.9 | 180 |
| | 1354 | 0.3 | 9 |
| | 2032 | 6.8 | 207 |
| **17** Su | 0231 | 0.2 | 6 |
| | 0846 | 6.1 | 186 |
| | 1437 | 0.2 | 6 |
| | 2112 | 6.8 | 207 |
| **18** M | 0308 | 0.0 | 0 |
| | 0929 | 6.3 | 192 |
| | 1519 | 0.2 | 6 |
| | 2153 | 6.7 | 204 |
| **19** Tu | 0346 | −0.1 | −3 |
| | 1012 | 6.5 | 198 |
| | 1603 | 0.2 | 6 |
| | 2234 | 6.5 | 198 |
| **20** W | 0425 | −0.1 | −3 |
| | 1057 | 6.6 | 201 |
| | 1650 | 0.4 | 12 |
| | 2316 | 6.3 | 192 |
| **21** Th | 0509 | −0.1 | −3 |
| | 1143 | 6.7 | 204 |
| | 1742 | 0.5 | 15 |
| **22** F | 0002 | 6.1 | 186 |
| | 0557 | 0.0 | 0 |
| | 1234 | 6.8 | 207 |
| | 1840 | 0.7 | 21 |
| **23** Sa ◑ | 0052 | 5.9 | 180 |
| | 0652 | 0.1 | 3 |
| | 1330 | 6.8 | 207 |
| | 1944 | 0.9 | 27 |
| **24** Su | 0148 | 5.7 | 174 |
| | 0753 | 0.1 | 3 |
| | 1433 | 6.8 | 207 |
| | 2050 | 0.9 | 27 |
| **25** M | 0251 | 5.6 | 171 |
| | 0857 | 0.1 | 3 |
| | 1541 | 6.8 | 207 |
| | 2154 | 0.8 | 24 |
| **26** Tu | 0401 | 5.7 | 174 |
| | 1001 | 0.0 | 0 |
| | 1650 | 7.0 | 213 |
| | 2256 | 0.6 | 18 |
| **27** W | 0510 | 5.8 | 177 |
| | 1104 | −0.1 | −3 |
| | 1753 | 7.1 | 216 |
| | 2355 | 0.4 | 12 |
| **28** Th | 0613 | 6.1 | 186 |
| | 1205 | −0.2 | −6 |
| | 1849 | 7.3 | 223 |
| **29** F | 0049 | 0.2 | 6 |
| | 0710 | 6.4 | 195 |
| | 1302 | −0.3 | −9 |
| | 1941 | 7.3 | 223 |
| **30** Sa ● | 0140 | −0.1 | −3 |
| | 0804 | 6.7 | 204 |
| | 1356 | −0.3 | −9 |
| | 2029 | 7.2 | 219 |
| **31** Su | 0226 | −0.2 | −6 |
| | 0854 | 6.8 | 207 |
| | 1446 | −0.2 | −6 |
| | 2115 | 7.0 | 213 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0309 | −0.2 | −6 |
| | 0941 | 6.9 | 210 |
| | 1533 | 0.0 | 0 |
| | 2158 | 6.7 | 204 |
| **2** Tu | 0349 | 0.0 | 0 |
| | 1026 | 6.8 | 207 |
| | 1619 | 0.3 | 9 |
| | 2239 | 6.4 | 195 |
| **3** W | 0429 | 0.2 | 6 |
| | 1109 | 6.7 | 204 |
| | 1704 | 0.7 | 21 |
| | 2320 | 6.1 | 186 |
| **4** Th | 0508 | 0.5 | 15 |
| | 1151 | 6.5 | 198 |
| | 1751 | 1.0 | 30 |
| **5** F | 0000 | 5.8 | 177 |
| | 0550 | 0.8 | 24 |
| | 1233 | 6.3 | 192 |
| | 1842 | 1.3 | 40 |
| **6** Sa | 0041 | 5.5 | 168 |
| | 0636 | 1.0 | 30 |
| | 1318 | 6.1 | 186 |
| | 1935 | 1.5 | 46 |
| **7** Su ◐ | 0126 | 5.3 | 162 |
| | 0726 | 1.2 | 37 |
| | 1408 | 6.0 | 183 |
| | 2029 | 1.6 | 49 |
| **8** M | 0215 | 5.2 | 158 |
| | 0821 | 1.3 | 40 |
| | 1503 | 6.0 | 183 |
| | 2123 | 1.6 | 49 |
| **9** Tu | 0310 | 5.2 | 158 |
| | 0916 | 1.2 | 37 |
| | 1600 | 6.0 | 183 |
| | 2214 | 1.5 | 46 |
| **10** W | 0409 | 5.3 | 162 |
| | 1011 | 1.1 | 34 |
| | 1656 | 6.2 | 189 |
| | 2303 | 1.2 | 37 |
| **11** Th | 0506 | 5.5 | 168 |
| | 1103 | 0.9 | 27 |
| | 1747 | 6.4 | 195 |
| | 2350 | 1.0 | 30 |
| **12** F | 0559 | 5.8 | 177 |
| | 1155 | 0.7 | 21 |
| | 1834 | 6.6 | 201 |
| **13** Sa | 0034 | 0.6 | 18 |
| | 0647 | 6.2 | 189 |
| | 1244 | 0.5 | 15 |
| | 1918 | 6.8 | 207 |
| **14** Su | 0116 | 0.3 | 9 |
| | 0733 | 6.5 | 198 |
| | 1331 | 0.3 | 9 |
| | 2001 | 6.8 | 207 |
| **15** M ○ | 0157 | 0.1 | 3 |
| | 0817 | 6.8 | 207 |
| | 1416 | 0.1 | 3 |
| | 2043 | 6.8 | 207 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0237 | −0.2 | −6 |
| | 0902 | 7.0 | 213 |
| | 1501 | 0.0 | 0 |
| | 2126 | 6.7 | 204 |
| **17** W | 0317 | −0.3 | −9 |
| | 0947 | 7.2 | 219 |
| | 1547 | 0.1 | 3 |
| | 2210 | 6.6 | 201 |
| **18** Th | 0359 | −0.3 | −9 |
| | 1035 | 7.3 | 223 |
| | 1635 | 0.2 | 6 |
| | 2257 | 6.4 | 195 |
| **19** F | 0445 | −0.2 | −6 |
| | 1125 | 7.2 | 219 |
| | 1727 | 0.5 | 15 |
| | 2346 | 6.2 | 189 |
| **20** Sa | 0536 | 0.0 | 0 |
| | 1219 | 7.1 | 216 |
| | 1826 | 0.7 | 21 |
| **21** Su | 0040 | 6.0 | 183 |
| | 0634 | 0.2 | 6 |
| | 1318 | 7.0 | 213 |
| | 1930 | 0.9 | 27 |
| **22** M ◑ | 0139 | 5.8 | 177 |
| | 0739 | 0.3 | 9 |
| | 1422 | 6.9 | 210 |
| | 2036 | 1.0 | 30 |
| **23** Tu | 0245 | 5.8 | 177 |
| | 0846 | 0.4 | 12 |
| | 1530 | 6.8 | 207 |
| | 2140 | 0.9 | 27 |
| **24** W | 0355 | 5.9 | 180 |
| | 0952 | 0.4 | 12 |
| | 1637 | 6.9 | 210 |
| | 2240 | 0.7 | 21 |
| **25** Th | 0502 | 6.1 | 186 |
| | 1055 | 0.3 | 9 |
| | 1737 | 6.9 | 210 |
| | 2335 | 0.4 | 12 |
| **26** F | 0602 | 6.4 | 195 |
| | 1154 | 0.2 | 6 |
| | 1830 | 7.0 | 213 |
| **27** Sa | 0027 | 0.2 | 6 |
| | 0656 | 6.7 | 204 |
| | 1250 | 0.1 | 3 |
| | 1919 | 7.0 | 213 |
| **28** Su | 0114 | 0.1 | 3 |
| | 0745 | 7.0 | 213 |
| | 1341 | 0.1 | 3 |
| | 2004 | 6.9 | 210 |
| **29** M ● | 0158 | 0.0 | 0 |
| | 0830 | 7.1 | 216 |
| | 1428 | 0.1 | 3 |
| | 2046 | 6.7 | 204 |
| **30** Tu | 0238 | 0.1 | 3 |
| | 0913 | 7.1 | 216 |
| | 1512 | 0.2 | 6 |
| | 2127 | 6.4 | 195 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Fernandina Beach, Amelia River, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0316 | 0.2 | 6 |
| | 0954 | 7.0 | 213 |
| | 1553 | 0.5 | 15 |
| | 2206 | 6.1 | 186 |
| **2** Th | 0353 | 0.4 | 12 |
| | 1034 | 6.8 | 207 |
| | 1634 | 0.8 | 24 |
| | 2244 | 5.9 | 180 |
| **3** F | 0429 | 0.7 | 21 |
| | 1113 | 6.6 | 201 |
| | 1716 | 1.1 | 34 |
| | 2323 | 5.6 | 171 |
| **4** Sa | 0507 | 1.0 | 30 |
| | 1154 | 6.3 | 192 |
| | 1801 | 1.4 | 43 |
| **5** Su | 0004 | 5.5 | 168 |
| | 0550 | 1.2 | 37 |
| | 1237 | 6.2 | 189 |
| | 1851 | 1.6 | 49 |
| **6** M | 0048 | 5.3 | 162 |
| | 0639 | 1.4 | 43 |
| | 1325 | 6.0 | 183 |
| | 1945 | 1.7 | 52 |
| **7** Tu ◐ | 0137 | 5.3 | 162 |
| | 0735 | 1.4 | 43 |
| | 1418 | 5.9 | 180 |
| | 2039 | 1.6 | 49 |
| **8** W | 0232 | 5.3 | 162 |
| | 0835 | 1.4 | 43 |
| | 1515 | 6.0 | 183 |
| | 2131 | 1.4 | 43 |
| **9** Th | 0331 | 5.4 | 165 |
| | 0934 | 1.3 | 40 |
| | 1612 | 6.1 | 186 |
| | 2220 | 1.2 | 37 |
| **10** F | 0430 | 5.7 | 174 |
| | 1030 | 1.1 | 34 |
| | 1706 | 6.2 | 189 |
| | 2307 | 0.8 | 24 |
| **11** Sa | 0525 | 6.1 | 186 |
| | 1124 | 0.8 | 24 |
| | 1756 | 6.4 | 195 |
| | 2353 | 0.5 | 15 |
| **12** Su | 0615 | 6.5 | 198 |
| | 1217 | 0.5 | 15 |
| | 1843 | 6.6 | 201 |
| **13** M | 0038 | 0.1 | 3 |
| | 0703 | 7.0 | 213 |
| | 1307 | 0.2 | 6 |
| | 1929 | 6.7 | 204 |
| **14** Tu ○ | 0123 | −0.2 | −6 |
| | 0750 | 7.3 | 223 |
| | 1356 | −0.1 | −3 |
| | 2014 | 6.7 | 204 |
| **15** W | 0207 | −0.4 | −12 |
| | 0837 | 7.6 | 232 |
| | 1443 | −0.2 | −6 |
| | 2101 | 6.6 | 201 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0251 | −0.6 | −18 |
| | 0926 | 7.7 | 235 |
| | 1531 | −0.2 | −6 |
| | 2149 | 6.5 | 198 |
| **17** F | 0337 | −0.5 | −15 |
| | 1017 | 7.6 | 232 |
| | 1620 | 0.0 | 0 |
| | 2240 | 6.3 | 192 |
| **18** Sa | 0426 | −0.4 | −12 |
| | 1111 | 7.5 | 229 |
| | 1714 | 0.3 | 9 |
| | 2333 | 6.2 | 189 |
| **19** Su | 0520 | −0.1 | −3 |
| | 1208 | 7.3 | 223 |
| | 1812 | 0.5 | 15 |
| **20** M | 0030 | 6.0 | 183 |
| | 0620 | 0.2 | 6 |
| | 1307 | 7.0 | 213 |
| | 1915 | 0.7 | 21 |
| **21** Tu ◑ | 0131 | 5.9 | 180 |
| | 0727 | 0.4 | 12 |
| | 1409 | 6.8 | 207 |
| | 2020 | 0.7 | 21 |
| **22** W | 0237 | 5.9 | 180 |
| | 0835 | 0.5 | 15 |
| | 1513 | 6.6 | 201 |
| | 2122 | 0.6 | 18 |
| **23** Th | 0344 | 6.0 | 183 |
| | 0941 | 0.5 | 15 |
| | 1616 | 6.5 | 198 |
| | 2219 | 0.5 | 15 |
| **24** F | 0449 | 6.3 | 192 |
| | 1043 | 0.5 | 15 |
| | 1714 | 6.5 | 198 |
| | 2311 | 0.3 | 9 |
| **25** Sa | 0546 | 6.6 | 201 |
| | 1141 | 0.4 | 12 |
| | 1806 | 6.5 | 198 |
| **26** Su | 0000 | 0.2 | 6 |
| | 0637 | 6.8 | 207 |
| | 1235 | 0.3 | 9 |
| | 1853 | 6.4 | 195 |
| **27** M | 0046 | 0.1 | 3 |
| | 0723 | 7.0 | 213 |
| | 1323 | 0.2 | 6 |
| | 1936 | 6.3 | 192 |
| **28** Tu ● | 0128 | 0.1 | 3 |
| | 0805 | 7.0 | 213 |
| | 1408 | 0.2 | 6 |
| | 2017 | 6.1 | 186 |
| **29** W | 0208 | 0.1 | 3 |
| | 0845 | 7.0 | 213 |
| | 1449 | 0.3 | 9 |
| | 2056 | 6.0 | 183 |
| **30** Th | 0245 | 0.2 | 6 |
| | 0924 | 6.9 | 210 |
| | 1528 | 0.4 | 12 |
| | 2135 | 5.8 | 177 |
| **31** F | 0321 | 0.4 | 12 |
| | 1002 | 6.7 | 204 |
| | 1606 | 0.6 | 18 |
| | 2213 | 5.6 | 171 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0356 | 0.6 | 18 |
| | 1041 | 6.5 | 198 |
| | 1645 | 0.9 | 27 |
| | 2252 | 5.4 | 165 |
| **2** Su | 0432 | 0.8 | 24 |
| | 1121 | 6.3 | 192 |
| | 1726 | 1.1 | 34 |
| | 2332 | 5.3 | 162 |
| **3** M | 0512 | 1.0 | 30 |
| | 1202 | 6.1 | 186 |
| | 1810 | 1.3 | 40 |
| **4** Tu | 0016 | 5.2 | 158 |
| | 0557 | 1.2 | 37 |
| | 1246 | 5.9 | 180 |
| | 1900 | 1.3 | 40 |
| **5** W ◐ | 0103 | 5.2 | 158 |
| | 0652 | 1.3 | 40 |
| | 1334 | 5.8 | 177 |
| | 1952 | 1.3 | 40 |
| **6** Th | 0155 | 5.2 | 158 |
| | 0753 | 1.3 | 40 |
| | 1427 | 5.8 | 177 |
| | 2044 | 1.1 | 34 |
| **7** F | 0251 | 5.4 | 165 |
| | 0855 | 1.2 | 37 |
| | 1523 | 5.8 | 177 |
| | 2134 | 0.8 | 24 |
| **8** Sa | 0350 | 5.7 | 174 |
| | 0956 | 1.0 | 30 |
| | 1620 | 5.8 | 177 |
| | 2224 | 0.5 | 15 |
| **9** Su | 0448 | 6.2 | 189 |
| | 1053 | 0.7 | 21 |
| | 1715 | 6.0 | 183 |
| | 2313 | 0.1 | 3 |
| **10** M | 0542 | 6.6 | 201 |
| | 1149 | 0.3 | 9 |
| | 1807 | 6.1 | 186 |
| **11** Tu | 0002 | −0.3 | −9 |
| | 0634 | 7.1 | 216 |
| | 1243 | 0.0 | 0 |
| | 1858 | 6.2 | 189 |
| **12** W | 0052 | −0.6 | −18 |
| | 0725 | 7.4 | 226 |
| | 1335 | −0.3 | −9 |
| | 1948 | 6.3 | 192 |
| **13** Th ○ | 0141 | −0.8 | −24 |
| | 0817 | 7.7 | 235 |
| | 1426 | −0.5 | −15 |
| | 2039 | 6.3 | 192 |
| **14** F | 0230 | −1.0 | −30 |
| | 0909 | 7.7 | 235 |
| | 1516 | −0.5 | −15 |
| | 2131 | 6.3 | 192 |
| **15** Sa | 0319 | −1.0 | −30 |
| | 1003 | 7.6 | 232 |
| | 1606 | −0.4 | −12 |
| | 2225 | 6.2 | 189 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0411 | −0.8 | −24 |
| | 1059 | 7.5 | 229 |
| | 1659 | −0.2 | −6 |
| | 2321 | 6.1 | 186 |
| **17** M | 0506 | −0.5 | −15 |
| | 1155 | 7.2 | 219 |
| | 1756 | 0.1 | 3 |
| **18** Tu | 0019 | 5.9 | 180 |
| | 0606 | −0.1 | −3 |
| | 1251 | 6.8 | 207 |
| | 1856 | 0.2 | 6 |
| **19** W ◑ | 0119 | 5.9 | 180 |
| | 0712 | 0.2 | 6 |
| | 1348 | 6.5 | 198 |
| | 1958 | 0.3 | 9 |
| **20** Th | 0221 | 5.9 | 180 |
| | 0820 | 0.4 | 12 |
| | 1447 | 6.2 | 189 |
| | 2056 | 0.2 | 6 |
| **21** F | 0325 | 5.9 | 180 |
| | 0926 | 0.5 | 15 |
| | 1547 | 5.9 | 180 |
| | 2151 | 0.2 | 6 |
| **22** Sa | 0427 | 6.1 | 186 |
| | 1026 | 0.5 | 15 |
| | 1644 | 5.8 | 177 |
| | 2241 | 0.1 | 3 |
| **23** Su | 0523 | 6.3 | 192 |
| | 1123 | 0.4 | 12 |
| | 1736 | 5.7 | 174 |
| | 2330 | 0.1 | 3 |
| **24** M | 0613 | 6.5 | 198 |
| | 1215 | 0.3 | 9 |
| | 1824 | 5.6 | 171 |
| **25** Tu | 0015 | 0.0 | 0 |
| | 0658 | 6.6 | 201 |
| | 1302 | 0.2 | 6 |
| | 1908 | 5.6 | 171 |
| **26** W | 0059 | 0.0 | 0 |
| | 0740 | 6.7 | 204 |
| | 1346 | 0.2 | 6 |
| | 1949 | 5.5 | 168 |
| **27** Th ● | 0139 | 0.0 | 0 |
| | 0820 | 6.6 | 201 |
| | 1427 | 0.2 | 6 |
| | 2029 | 5.5 | 168 |
| **28** F | 0218 | 0.1 | 3 |
| | 0859 | 6.5 | 198 |
| | 1505 | 0.2 | 6 |
| | 2107 | 5.4 | 165 |
| **29** Sa | 0254 | 0.1 | 3 |
| | 0937 | 6.4 | 195 |
| | 1541 | 0.3 | 9 |
| | 2146 | 5.3 | 162 |
| **30** Su | 0330 | 0.2 | 6 |
| | 1015 | 6.3 | 192 |
| | 1618 | 0.4 | 12 |
| | 2225 | 5.2 | 158 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0405 | 0.4 | 12 |
| | 1053 | 6.1 | 186 |
| | 1655 | 0.6 | 18 |
| | 2305 | 5.1 | 155 |
| **2** Tu | 0443 | 0.5 | 15 |
| | 1132 | 5.9 | 180 |
| | 1734 | 0.7 | 21 |
| | 2346 | 5.1 | 155 |
| **3** W | 0525 | 0.7 | 21 |
| | 1212 | 5.8 | 177 |
| | 1818 | 0.7 | 21 |
| **4** Th | 0031 | 5.1 | 155 |
| | 0615 | 0.8 | 24 |
| | 1254 | 5.6 | 171 |
| | 1905 | 0.6 | 18 |
| **5** F ◐ | 0118 | 5.2 | 158 |
| | 0714 | 0.9 | 27 |
| | 1342 | 5.5 | 168 |
| | 1956 | 0.5 | 15 |
| **6** Sa | 0211 | 5.4 | 165 |
| | 0818 | 0.8 | 24 |
| | 1435 | 5.4 | 165 |
| | 2048 | 0.3 | 9 |
| **7** Su | 0309 | 5.7 | 174 |
| | 0922 | 0.7 | 21 |
| | 1534 | 5.3 | 162 |
| | 2141 | 0.0 | 0 |
| **8** M | 0410 | 6.0 | 183 |
| | 1023 | 0.4 | 12 |
| | 1635 | 5.4 | 165 |
| | 2235 | −0.3 | −9 |
| **9** Tu | 0511 | 6.4 | 195 |
| | 1123 | 0.1 | 3 |
| | 1734 | 5.5 | 168 |
| | 2330 | −0.6 | −18 |
| **10** W | 0609 | 6.8 | 207 |
| | 1221 | −0.2 | −6 |
| | 1831 | 5.7 | 174 |
| **11** Th | 0025 | −1.0 | −30 |
| | 0706 | 7.2 | 219 |
| | 1316 | −0.5 | −15 |
| | 1927 | 5.8 | 177 |
| **12** F ○ | 0120 | −1.2 | −37 |
| | 0801 | 7.4 | 226 |
| | 1409 | −0.7 | −21 |
| | 2021 | 6.0 | 183 |
| **13** Sa | 0213 | −1.4 | −43 |
| | 0856 | 7.5 | 229 |
| | 1501 | −0.8 | −24 |
| | 2116 | 6.0 | 183 |
| **14** Su | 0305 | −1.4 | −43 |
| | 0951 | 7.4 | 226 |
| | 1551 | −0.8 | −24 |
| | 2212 | 6.0 | 183 |
| **15** M | 0358 | −1.2 | −37 |
| | 1044 | 7.2 | 219 |
| | 1642 | −0.7 | −21 |
| | 2308 | 6.0 | 183 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0452 | −0.9 | −27 |
| | 1137 | 6.9 | 210 |
| | 1735 | −0.5 | −15 |
| **17** W | 0003 | 5.9 | 180 |
| | 0551 | −0.4 | −12 |
| | 1229 | 6.5 | 198 |
| | 1830 | −0.3 | −9 |
| **18** Th | 0059 | 5.8 | 177 |
| | 0653 | 0.0 | 0 |
| | 1321 | 6.1 | 186 |
| | 1927 | −0.2 | −6 |
| **19** F ◑ | 0157 | 5.8 | 177 |
| | 0758 | 0.2 | 6 |
| | 1414 | 5.6 | 171 |
| | 2022 | −0.1 | −3 |
| **20** Sa | 0256 | 5.7 | 174 |
| | 0902 | 0.4 | 12 |
| | 1510 | 5.3 | 162 |
| | 2116 | 0.0 | 0 |
| **21** Su | 0356 | 5.8 | 177 |
| | 1002 | 0.5 | 15 |
| | 1606 | 5.1 | 155 |
| | 2207 | 0.0 | 0 |
| **22** M | 0453 | 5.9 | 180 |
| | 1057 | 0.4 | 12 |
| | 1701 | 5.0 | 152 |
| | 2256 | 0.0 | 0 |
| **23** Tu | 0544 | 6.0 | 183 |
| | 1149 | 0.3 | 9 |
| | 1752 | 4.9 | 149 |
| | 2344 | 0.0 | 0 |
| **24** W | 0632 | 6.1 | 186 |
| | 1238 | 0.2 | 6 |
| | 1838 | 5.0 | 152 |
| **25** Th | 0030 | 0.0 | 0 |
| | 0715 | 6.2 | 189 |
| | 1322 | 0.1 | 3 |
| | 1922 | 5.1 | 155 |
| **26** F | 0114 | −0.1 | −3 |
| | 0757 | 6.2 | 189 |
| | 1403 | 0.0 | 0 |
| | 2003 | 5.1 | 155 |
| **27** Sa ● | 0154 | −0.2 | −6 |
| | 0837 | 6.2 | 189 |
| | 1441 | 0.0 | 0 |
| | 2043 | 5.1 | 155 |
| **28** Su | 0232 | −0.2 | −6 |
| | 0915 | 6.2 | 189 |
| | 1517 | 0.0 | 0 |
| | 2123 | 5.1 | 155 |
| **29** M | 0309 | −0.1 | −3 |
| | 0952 | 6.1 | 186 |
| | 1552 | 0.0 | 0 |
| | 2202 | 5.1 | 155 |
| **30** Tu | 0344 | −0.1 | −3 |
| | 1028 | 6.0 | 183 |
| | 1626 | 0.0 | 0 |
| | 2240 | 5.1 | 155 |
| **31** W | 0421 | 0.0 | 0 |
| | 1104 | 5.8 | 177 |
| | 1702 | 0.0 | 0 |
| | 2320 | 5.1 | 155 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Mayport, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0300 | 4.3 | 131 |
| | 0906 | 0.8 | 24 |
| | 1505 | 3.9 | 119 |
| | 2109 | 0.5 | 15 |
| **2** W | 0354 | 4.3 | 131 |
| | 1000 | 0.8 | 24 |
| | 1559 | 3.8 | 116 |
| | 2155 | 0.5 | 15 |
| **3** Th | 0446 | 4.4 | 134 |
| | 1051 | 0.7 | 21 |
| | 1651 | 3.7 | 113 |
| | 2241 | 0.4 | 12 |
| **4** F | 0534 | 4.5 | 137 |
| | 1141 | 0.6 | 18 |
| | 1740 | 3.7 | 113 |
| | 2327 | 0.3 | 9 |
| **5** Sa | 0619 | 4.6 | 140 |
| | 1226 | 0.4 | 12 |
| | 1826 | 3.8 | 116 |
| **6** Su | 0010 | 0.1 | 3 |
| | 0702 | 4.6 | 140 |
| | 1308 | 0.3 | 9 |
| | 1909 | 3.8 | 116 |
| **7** M | 0051 | −0.1 | −3 |
| | 0742 | 4.7 | 143 |
| | 1346 | 0.1 | 3 |
| | 1951 | 3.9 | 119 |
| **8** Tu ● | 0129 | −0.2 | −6 |
| | 0822 | 4.7 | 143 |
| | 1421 | 0.0 | 0 |
| | 2032 | 3.9 | 119 |
| **9** W | 0206 | −0.3 | −9 |
| | 0900 | 4.8 | 146 |
| | 1455 | −0.1 | −3 |
| | 2114 | 4.0 | 122 |
| **10** Th | 0244 | −0.4 | −12 |
| | 0938 | 4.8 | 146 |
| | 1529 | −0.2 | −6 |
| | 2155 | 4.1 | 125 |
| **11** F | 0324 | −0.3 | −9 |
| | 1017 | 4.7 | 143 |
| | 1606 | −0.2 | −6 |
| | 2238 | 4.2 | 128 |
| **12** Sa | 0409 | −0.2 | −6 |
| | 1057 | 4.6 | 140 |
| | 1647 | −0.2 | −6 |
| | 2323 | 4.3 | 131 |
| **13** Su | 0501 | −0.1 | −3 |
| | 1140 | 4.5 | 137 |
| | 1733 | −0.2 | −6 |
| **14** M | 0011 | 4.4 | 134 |
| | 0559 | 0.1 | 3 |
| | 1228 | 4.3 | 131 |
| | 1826 | −0.2 | −6 |
| **15** Tu ◐ | 0105 | 4.5 | 137 |
| | 0706 | 0.3 | 9 |
| | 1323 | 4.1 | 125 |
| | 1924 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0208 | 4.5 | 137 |
| | 0816 | 0.3 | 9 |
| | 1427 | 3.9 | 119 |
| | 2026 | −0.2 | −6 |
| **17** Th | 0319 | 4.6 | 140 |
| | 0926 | 0.3 | 9 |
| | 1540 | 3.8 | 116 |
| | 2130 | −0.3 | −9 |
| **18** F | 0431 | 4.7 | 143 |
| | 1033 | 0.1 | 3 |
| | 1652 | 3.8 | 116 |
| | 2235 | −0.5 | −15 |
| **19** Sa | 0537 | 4.8 | 146 |
| | 1137 | −0.1 | −3 |
| | 1757 | 3.9 | 119 |
| | 2338 | −0.7 | −21 |
| **20** Su | 0637 | 5.0 | 152 |
| | 1235 | −0.4 | −12 |
| | 1856 | 4.0 | 122 |
| **21** M | 0037 | −0.9 | −27 |
| | 0731 | 5.1 | 155 |
| | 1328 | −0.6 | −18 |
| | 1950 | 4.2 | 128 |
| **22** Tu ○ | 0131 | −1.0 | −30 |
| | 0821 | 5.1 | 155 |
| | 1416 | −0.8 | −24 |
| | 2041 | 4.2 | 128 |
| **23** W | 0221 | −1.1 | −34 |
| | 0908 | 5.0 | 152 |
| | 1501 | −0.8 | −24 |
| | 2130 | 4.3 | 131 |
| **24** Th | 0310 | −0.9 | −27 |
| | 0952 | 4.9 | 149 |
| | 1545 | −0.8 | −24 |
| | 2216 | 4.3 | 131 |
| **25** F | 0357 | −0.7 | −21 |
| | 1034 | 4.7 | 143 |
| | 1627 | −0.6 | −18 |
| | 2300 | 4.3 | 131 |
| **26** Sa | 0446 | −0.4 | −12 |
| | 1114 | 4.4 | 134 |
| | 1710 | −0.4 | −12 |
| | 2343 | 4.2 | 128 |
| **27** Su | 0537 | 0.0 | 0 |
| | 1154 | 4.2 | 128 |
| | 1753 | −0.1 | −3 |
| **28** M | 0026 | 4.2 | 128 |
| | 0631 | 0.3 | 9 |
| | 1235 | 3.9 | 119 |
| | 1838 | 0.2 | 6 |
| **29** Tu | 0111 | 4.1 | 125 |
| | 0727 | 0.5 | 15 |
| | 1319 | 3.7 | 113 |
| | 1925 | 0.3 | 9 |
| **30** W ◑ | 0201 | 4.0 | 122 |
| | 0823 | 0.7 | 21 |
| | 1409 | 3.5 | 107 |
| | 2014 | 0.5 | 15 |
| **31** Th | 0257 | 4.0 | 122 |
| | 0918 | 0.8 | 24 |
| | 1506 | 3.4 | 104 |
| | 2105 | 0.5 | 15 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0357 | 4.0 | 122 |
| | 1012 | 0.8 | 24 |
| | 1605 | 3.4 | 104 |
| | 2158 | 0.4 | 12 |
| **2** Sa | 0455 | 4.1 | 125 |
| | 1104 | 0.6 | 18 |
| | 1702 | 3.5 | 107 |
| | 2249 | 0.3 | 9 |
| **3** Su | 0546 | 4.2 | 128 |
| | 1152 | 0.5 | 15 |
| | 1753 | 3.6 | 110 |
| | 2338 | 0.1 | 3 |
| **4** M | 0632 | 4.4 | 134 |
| | 1236 | 0.2 | 6 |
| | 1840 | 3.7 | 113 |
| **5** Tu | 0024 | −0.2 | −6 |
| | 0714 | 4.5 | 137 |
| | 1315 | −0.1 | −3 |
| | 1925 | 3.9 | 119 |
| **6** W ● | 0106 | −0.5 | −15 |
| | 0755 | 4.6 | 140 |
| | 1351 | −0.3 | −9 |
| | 2008 | 4.1 | 125 |
| **7** Th | 0147 | −0.6 | −18 |
| | 0834 | 4.7 | 143 |
| | 1426 | −0.5 | −15 |
| | 2050 | 4.2 | 128 |
| **8** F | 0229 | −0.7 | −21 |
| | 0914 | 4.7 | 143 |
| | 1501 | −0.7 | −21 |
| | 2133 | 4.4 | 134 |
| **9** Sa | 0311 | −0.7 | −21 |
| | 0954 | 4.6 | 140 |
| | 1539 | −0.7 | −21 |
| | 2217 | 4.5 | 137 |
| **10** Su | 0358 | −0.6 | −18 |
| | 1037 | 4.5 | 137 |
| | 1620 | −0.7 | −21 |
| | 2303 | 4.6 | 140 |
| **11** M | 0449 | −0.4 | −12 |
| | 1122 | 4.3 | 131 |
| | 1707 | −0.6 | −18 |
| | 2352 | 4.6 | 140 |
| **12** Tu | 0547 | −0.1 | −3 |
| | 1212 | 4.1 | 125 |
| | 1801 | −0.4 | −12 |
| **13** W ◐ | 0048 | 4.6 | 140 |
| | 0654 | 0.1 | 3 |
| | 1309 | 3.9 | 119 |
| | 1902 | −0.3 | −9 |
| **14** Th | 0153 | 4.5 | 137 |
| | 0805 | 0.2 | 6 |
| | 1417 | 3.7 | 113 |
| | 2010 | −0.2 | −6 |
| **15** F | 0308 | 4.4 | 134 |
| | 0916 | 0.3 | 9 |
| | 1534 | 3.6 | 110 |
| | 2120 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0424 | 4.5 | 137 |
| | 1023 | 0.1 | 3 |
| | 1647 | 3.7 | 113 |
| | 2228 | −0.3 | −9 |
| **17** Su | 0530 | 4.6 | 140 |
| | 1125 | −0.1 | −3 |
| | 1751 | 3.9 | 119 |
| | 2331 | −0.5 | −15 |
| **18** M | 0627 | 4.8 | 146 |
| | 1221 | −0.3 | −9 |
| | 1847 | 4.1 | 125 |
| **19** Tu | 0029 | −0.7 | −21 |
| | 0718 | 4.9 | 149 |
| | 1311 | −0.6 | −18 |
| | 1938 | 4.3 | 131 |
| **20** W ○ | 0121 | −0.9 | −27 |
| | 0804 | 4.9 | 149 |
| | 1355 | −0.7 | −21 |
| | 2024 | 4.4 | 134 |
| **21** Th | 0208 | −0.9 | −27 |
| | 0846 | 4.8 | 146 |
| | 1436 | −0.8 | −24 |
| | 2108 | 4.5 | 137 |
| **22** F | 0253 | −0.8 | −24 |
| | 0926 | 4.7 | 143 |
| | 1514 | −0.7 | −21 |
| | 2148 | 4.5 | 137 |
| **23** Sa | 0336 | −0.7 | −21 |
| | 1003 | 4.5 | 137 |
| | 1550 | −0.6 | −18 |
| | 2227 | 4.5 | 137 |
| **24** Su | 0418 | −0.4 | −12 |
| | 1040 | 4.3 | 131 |
| | 1626 | −0.3 | −9 |
| | 2304 | 4.4 | 134 |
| **25** M | 0502 | 0.0 | 0 |
| | 1116 | 4.0 | 122 |
| | 1701 | 0.0 | 0 |
| | 2341 | 4.3 | 131 |
| **26** Tu | 0549 | 0.3 | 9 |
| | 1154 | 3.9 | 119 |
| | 1740 | 0.2 | 6 |
| **27** W | 0021 | 4.2 | 128 |
| | 0640 | 0.6 | 18 |
| | 1235 | 3.7 | 113 |
| | 1824 | 0.5 | 15 |
| **28** Th ◑ | 0105 | 4.1 | 125 |
| | 0735 | 0.8 | 24 |
| | 1321 | 3.6 | 110 |
| | 1915 | 0.6 | 18 |
| **29** F | 0159 | 4.0 | 122 |
| | 0831 | 0.9 | 27 |
| | 1416 | 3.5 | 107 |
| | 2012 | 0.7 | 21 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0302 | 4.0 | 122 |
| | 0927 | 0.9 | 27 |
| | 1518 | 3.5 | 107 |
| | 2111 | 0.6 | 18 |
| **2** Su | 0407 | 4.0 | 122 |
| | 1020 | 0.8 | 24 |
| | 1621 | 3.6 | 110 |
| | 2209 | 0.5 | 15 |
| **3** M | 0505 | 4.2 | 128 |
| | 1109 | 0.6 | 18 |
| | 1718 | 3.7 | 113 |
| | 2303 | 0.2 | 6 |
| **4** Tu | 0554 | 4.4 | 134 |
| | 1155 | 0.3 | 9 |
| | 1808 | 4.0 | 122 |
| | 2355 | −0.1 | −3 |
| **5** W | 0640 | 4.5 | 137 |
| | 1236 | −0.1 | −3 |
| | 1855 | 4.2 | 128 |
| **6** Th | 0042 | −0.4 | −12 |
| | 0723 | 4.7 | 143 |
| | 1315 | −0.4 | −12 |
| | 1940 | 4.5 | 137 |
| **7** F ● | 0128 | −0.7 | −21 |
| | 0805 | 4.7 | 143 |
| | 1353 | −0.7 | −21 |
| | 2025 | 4.8 | 146 |
| **8** Sa | 0213 | −0.8 | −24 |
| | 0848 | 4.7 | 143 |
| | 1432 | −0.9 | −27 |
| | 2110 | 4.9 | 149 |
| **9** Su | 0258 | −0.8 | −24 |
| | 0932 | 4.7 | 143 |
| | 1512 | −0.9 | −27 |
| | 2156 | 5.1 | 155 |
| **10** M | 0346 | −0.7 | −21 |
| | 1018 | 4.5 | 137 |
| | 1556 | −0.8 | −24 |
| | 2245 | 5.1 | 155 |
| **11** Tu | 0438 | −0.5 | −15 |
| | 1108 | 4.3 | 131 |
| | 1646 | −0.6 | −18 |
| | 2337 | 5.0 | 152 |
| **12** W | 0538 | −0.2 | −6 |
| | 1201 | 4.1 | 125 |
| | 1743 | −0.3 | −9 |
| **13** Th | 0035 | 4.8 | 146 |
| | 0645 | 0.1 | 3 |
| | 1302 | 3.9 | 119 |
| | 1849 | −0.1 | −3 |
| **14** F ◐ | 0143 | 4.6 | 140 |
| | 0756 | 0.3 | 9 |
| | 1412 | 3.8 | 116 |
| | 2002 | 0.1 | 3 |
| **15** Sa | 0259 | 4.5 | 137 |
| | 0905 | 0.3 | 9 |
| | 1529 | 3.8 | 116 |
| | 2114 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0412 | 4.6 | 140 |
| | 1009 | 0.3 | 9 |
| | 1639 | 4.0 | 122 |
| | 2221 | 0.0 | 0 |
| **17** M | 0515 | 4.7 | 143 |
| | 1108 | 0.1 | 3 |
| | 1740 | 4.2 | 128 |
| | 2322 | −0.2 | −6 |
| **18** Tu | 0609 | 4.7 | 143 |
| | 1200 | −0.1 | −3 |
| | 1833 | 4.5 | 137 |
| **19** W | 0018 | −0.3 | −9 |
| | 0657 | 4.8 | 146 |
| | 1247 | −0.4 | −12 |
| | 1920 | 4.6 | 140 |
| **20** Th | 0107 | −0.5 | −15 |
| | 0740 | 4.7 | 143 |
| | 1329 | −0.5 | −15 |
| | 2003 | 4.7 | 143 |
| **21** F ○ | 0152 | −0.6 | −18 |
| | 0820 | 4.6 | 140 |
| | 1406 | −0.5 | −15 |
| | 2042 | 4.8 | 146 |
| **22** Sa | 0234 | −0.5 | −15 |
| | 0857 | 4.5 | 137 |
| | 1441 | −0.5 | −15 |
| | 2119 | 4.8 | 146 |
| **23** Su | 0314 | −0.4 | −12 |
| | 0933 | 4.3 | 131 |
| | 1513 | −0.3 | −9 |
| | 2154 | 4.7 | 143 |
| **24** M | 0352 | −0.2 | −6 |
| | 1007 | 4.2 | 128 |
| | 1545 | −0.1 | −3 |
| | 2228 | 4.6 | 140 |
| **25** Tu | 0431 | 0.1 | 3 |
| | 1043 | 4.0 | 122 |
| | 1616 | 0.2 | 6 |
| | 2303 | 4.5 | 137 |
| **26** W | 0511 | 0.4 | 12 |
| | 1120 | 3.9 | 119 |
| | 1651 | 0.4 | 12 |
| | 2340 | 4.4 | 134 |
| **27** Th | 0556 | 0.7 | 21 |
| | 1200 | 3.8 | 116 |
| | 1733 | 0.6 | 18 |
| **28** F | 0023 | 4.3 | 131 |
| | 0646 | 0.9 | 27 |
| | 1245 | 3.7 | 113 |
| | 1823 | 0.8 | 24 |
| **29** Sa ◑ | 0112 | 4.2 | 128 |
| | 0741 | 1.1 | 34 |
| | 1336 | 3.7 | 113 |
| | 1922 | 0.9 | 27 |
| **30** Su | 0209 | 4.2 | 128 |
| | 0837 | 1.1 | 34 |
| | 1436 | 3.7 | 113 |
| | 2025 | 0.8 | 24 |
| **31** M | 0314 | 4.2 | 128 |
| | 0930 | 0.9 | 27 |
| | 1540 | 3.9 | 119 |
| | 2128 | 0.7 | 21 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Mayport, Florida, 2008

## Times and Heights of High and Low Waters

### April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0415 | 4.3 | 131 |
| | 1020 | 0.6 | 18 |
| | 1640 | 4.1 | 125 |
| | 2227 | 0.4 | 12 |
| **2** W | 0510 | 4.4 | 134 |
| | 1108 | 0.3 | 9 |
| | 1734 | 4.4 | 134 |
| | 2324 | 0.1 | 3 |
| **3** Th | 0600 | 4.6 | 140 |
| | 1153 | −0.1 | −3 |
| | 1824 | 4.7 | 143 |
| **4** F | 0017 | −0.3 | −9 |
| | 0648 | 4.7 | 143 |
| | 1237 | −0.5 | −15 |
| | 1911 | 5.0 | 152 |
| **5** Sa ● | 0107 | −0.6 | −18 |
| | 0735 | 4.7 | 143 |
| | 1320 | −0.8 | −24 |
| | 1959 | 5.3 | 162 |
| **6** Su | 0156 | −0.8 | −24 |
| | 0823 | 4.7 | 143 |
| | 1404 | −1.0 | −30 |
| | 2047 | 5.4 | 165 |
| **7** M | 0245 | −0.8 | −24 |
| | 0912 | 4.6 | 140 |
| | 1449 | −1.0 | −30 |
| | 2138 | 5.5 | 168 |
| **8** Tu | 0335 | −0.7 | −21 |
| | 1003 | 4.5 | 137 |
| | 1537 | −0.8 | −24 |
| | 2230 | 5.4 | 165 |
| **9** W | 0429 | −0.4 | −12 |
| | 1057 | 4.4 | 134 |
| | 1630 | −0.5 | −15 |
| | 2326 | 5.2 | 158 |
| **10** Th | 0529 | −0.1 | −3 |
| | 1154 | 4.2 | 128 |
| | 1731 | −0.2 | −6 |
| **11** F | 0026 | 5.0 | 152 |
| | 0636 | 0.1 | 3 |
| | 1256 | 4.1 | 125 |
| | 1841 | 0.1 | 3 |
| **12** Sa ◐ | 0132 | 4.8 | 146 |
| | 0745 | 0.3 | 9 |
| | 1406 | 4.1 | 125 |
| | 1955 | 0.3 | 9 |
| **13** Su | 0242 | 4.7 | 143 |
| | 0849 | 0.3 | 9 |
| | 1517 | 4.2 | 128 |
| | 2104 | 0.3 | 9 |
| **14** M | 0350 | 4.6 | 140 |
| | 0948 | 0.3 | 9 |
| | 1623 | 4.4 | 134 |
| | 2208 | 0.3 | 9 |
| **15** Tu | 0450 | 4.6 | 140 |
| | 1042 | 0.1 | 3 |
| | 1721 | 4.6 | 140 |
| | 2307 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0542 | 4.6 | 140 |
| | 1131 | 0.0 | 0 |
| | 1811 | 4.8 | 146 |
| **17** Th | 0000 | 0.0 | 0 |
| | 0628 | 4.6 | 140 |
| | 1216 | −0.1 | −3 |
| | 1856 | 4.9 | 149 |
| **18** F | 0049 | −0.1 | −3 |
| | 0711 | 4.5 | 137 |
| | 1256 | −0.2 | −6 |
| | 1937 | 5.0 | 152 |
| **19** Sa | 0133 | −0.2 | −6 |
| | 0750 | 4.4 | 134 |
| | 1333 | −0.2 | −6 |
| | 2015 | 5.0 | 152 |
| **20** Su ○ | 0213 | −0.2 | −6 |
| | 0827 | 4.3 | 131 |
| | 1407 | −0.2 | −6 |
| | 2050 | 4.9 | 149 |
| **21** M | 0251 | −0.1 | −3 |
| | 0903 | 4.2 | 128 |
| | 1439 | −0.1 | −3 |
| | 2124 | 4.9 | 149 |
| **22** Tu | 0328 | 0.0 | 0 |
| | 0939 | 4.1 | 125 |
| | 1509 | 0.1 | 3 |
| | 2158 | 4.8 | 146 |
| **23** W | 0404 | 0.2 | 6 |
| | 1015 | 4.0 | 122 |
| | 1541 | 0.3 | 9 |
| | 2233 | 4.7 | 143 |
| **24** Th | 0440 | 0.5 | 15 |
| | 1053 | 3.9 | 119 |
| | 1615 | 0.5 | 15 |
| | 2311 | 4.6 | 140 |
| **25** F | 0520 | 0.7 | 21 |
| | 1133 | 3.9 | 119 |
| | 1656 | 0.7 | 21 |
| | 2351 | 4.5 | 137 |
| **26** Sa | 0605 | 0.9 | 27 |
| | 1216 | 3.9 | 119 |
| | 1745 | 0.8 | 24 |
| **27** Su | 0036 | 4.4 | 134 |
| | 0655 | 1.0 | 30 |
| | 1305 | 3.9 | 119 |
| | 1843 | 0.9 | 27 |
| **28** M ◑ | 0127 | 4.4 | 134 |
| | 0748 | 0.9 | 27 |
| | 1400 | 4.0 | 122 |
| | 1946 | 0.9 | 27 |
| **29** Tu | 0224 | 4.4 | 134 |
| | 0840 | 0.7 | 21 |
| | 1500 | 4.1 | 125 |
| | 2051 | 0.7 | 21 |
| **30** W | 0324 | 4.4 | 134 |
| | 0930 | 0.4 | 12 |
| | 1601 | 4.4 | 134 |
| | 2154 | 0.5 | 15 |

### May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0424 | 4.4 | 134 |
| | 1021 | 0.1 | 3 |
| | 1658 | 4.7 | 143 |
| | 2254 | 0.2 | 6 |
| **2** F | 0520 | 4.5 | 137 |
| | 1111 | −0.2 | −6 |
| | 1752 | 5.1 | 155 |
| | 2352 | −0.1 | −3 |
| **3** Sa | 0614 | 4.5 | 137 |
| | 1200 | −0.6 | −18 |
| | 1844 | 5.4 | 165 |
| **4** Su | 0047 | −0.5 | −15 |
| | 0707 | 4.5 | 137 |
| | 1250 | −0.8 | −24 |
| | 1936 | 5.6 | 171 |
| **5** M ● | 0140 | −0.7 | −21 |
| | 0800 | 4.5 | 137 |
| | 1339 | −1.0 | −30 |
| | 2029 | 5.6 | 171 |
| **6** Tu | 0231 | −0.8 | −24 |
| | 0854 | 4.5 | 137 |
| | 1429 | −1.0 | −30 |
| | 2123 | 5.6 | 171 |
| **7** W | 0323 | −0.7 | −21 |
| | 0950 | 4.4 | 134 |
| | 1522 | −0.8 | −24 |
| | 2219 | 5.5 | 168 |
| **8** Th | 0419 | −0.5 | −15 |
| | 1046 | 4.4 | 134 |
| | 1618 | −0.5 | −15 |
| | 2315 | 5.3 | 162 |
| **9** F | 0519 | −0.2 | −6 |
| | 1145 | 4.3 | 131 |
| | 1721 | −0.2 | −6 |
| **10** Sa | 0014 | 5.1 | 155 |
| | 0622 | 0.0 | 0 |
| | 1246 | 4.3 | 131 |
| | 1831 | 0.1 | 3 |
| **11** Su ◐ | 0114 | 4.9 | 149 |
| | 0726 | 0.1 | 3 |
| | 1351 | 4.3 | 131 |
| | 1941 | 0.3 | 9 |
| **12** M | 0216 | 4.7 | 143 |
| | 0825 | 0.1 | 3 |
| | 1456 | 4.4 | 134 |
| | 2047 | 0.4 | 12 |
| **13** Tu | 0318 | 4.5 | 137 |
| | 0919 | 0.1 | 3 |
| | 1558 | 4.5 | 137 |
| | 2148 | 0.4 | 12 |
| **14** W | 0415 | 4.4 | 134 |
| | 1009 | 0.1 | 3 |
| | 1654 | 4.7 | 143 |
| | 2244 | 0.4 | 12 |
| **15** Th | 0507 | 4.3 | 131 |
| | 1056 | 0.1 | 3 |
| | 1743 | 4.8 | 146 |
| | 2337 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0554 | 4.2 | 128 |
| | 1140 | 0.0 | 0 |
| | 1827 | 4.9 | 149 |
| **17** Sa | 0025 | 0.2 | 6 |
| | 0637 | 4.1 | 125 |
| | 1221 | 0.0 | 0 |
| | 1908 | 4.9 | 149 |
| **18** Su | 0109 | 0.1 | 3 |
| | 0718 | 4.0 | 122 |
| | 1300 | 0.0 | 0 |
| | 1946 | 4.9 | 149 |
| **19** M ○ | 0150 | 0.0 | 0 |
| | 0757 | 4.0 | 122 |
| | 1335 | 0.0 | 0 |
| | 2022 | 4.9 | 149 |
| **20** Tu | 0228 | 0.0 | 0 |
| | 0835 | 3.9 | 119 |
| | 1409 | 0.0 | 0 |
| | 2058 | 4.8 | 146 |
| **21** W | 0305 | 0.1 | 3 |
| | 0913 | 3.9 | 119 |
| | 1441 | 0.1 | 3 |
| | 2134 | 4.7 | 143 |
| **22** Th | 0339 | 0.3 | 9 |
| | 0951 | 3.9 | 119 |
| | 1513 | 0.2 | 6 |
| | 2210 | 4.7 | 143 |
| **23** F | 0414 | 0.4 | 12 |
| | 1030 | 3.8 | 116 |
| | 1549 | 0.4 | 12 |
| | 2248 | 4.6 | 140 |
| **24** Sa | 0450 | 0.5 | 15 |
| | 1110 | 3.9 | 119 |
| | 1629 | 0.5 | 15 |
| | 2326 | 4.6 | 140 |
| **25** Su | 0531 | 0.6 | 18 |
| | 1153 | 3.9 | 119 |
| | 1717 | 0.6 | 18 |
| **26** M | 0008 | 4.5 | 137 |
| | 0616 | 0.6 | 18 |
| | 1239 | 4.0 | 122 |
| | 1813 | 0.7 | 21 |
| **27** Tu ◑ | 0053 | 4.5 | 137 |
| | 0705 | 0.5 | 15 |
| | 1330 | 4.2 | 128 |
| | 1916 | 0.7 | 21 |
| **28** W | 0143 | 4.4 | 134 |
| | 0755 | 0.3 | 9 |
| | 1426 | 4.4 | 134 |
| | 2021 | 0.6 | 18 |
| **29** Th | 0240 | 4.3 | 131 |
| | 0847 | 0.1 | 3 |
| | 1526 | 4.6 | 140 |
| | 2125 | 0.5 | 15 |
| **30** F | 0342 | 4.2 | 128 |
| | 0940 | −0.2 | −6 |
| | 1626 | 4.9 | 149 |
| | 2228 | 0.2 | 6 |
| **31** Sa | 0444 | 4.2 | 128 |
| | 1035 | −0.4 | −12 |
| | 1725 | 5.2 | 158 |
| | 2330 | −0.1 | −3 |

### June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0545 | 4.2 | 128 |
| | 1130 | −0.7 | −21 |
| | 1822 | 5.4 | 165 |
| **2** M | 0028 | −0.4 | −12 |
| | 0644 | 4.2 | 128 |
| | 1226 | −0.9 | −27 |
| | 1919 | 5.5 | 168 |
| **3** Tu ● | 0124 | −0.6 | −18 |
| | 0742 | 4.3 | 131 |
| | 1321 | −1.0 | −30 |
| | 2015 | 5.6 | 171 |
| **4** W | 0218 | −0.7 | −21 |
| | 0840 | 4.3 | 131 |
| | 1415 | −1.0 | −30 |
| | 2111 | 5.5 | 168 |
| **5** Th | 0311 | −0.7 | −21 |
| | 0937 | 4.3 | 131 |
| | 1510 | −0.9 | −27 |
| | 2207 | 5.4 | 165 |
| **6** F | 0406 | −0.6 | −18 |
| | 1034 | 4.3 | 131 |
| | 1607 | −0.6 | −18 |
| | 2301 | 5.3 | 162 |
| **7** Sa | 0502 | −0.5 | −15 |
| | 1131 | 4.3 | 131 |
| | 1709 | −0.3 | −9 |
| | 2355 | 5.1 | 155 |
| **8** Su | 0600 | −0.3 | −9 |
| | 1228 | 4.4 | 134 |
| | 1814 | 0.0 | 0 |
| **9** M | 0048 | 4.8 | 146 |
| | 0658 | −0.2 | −6 |
| | 1327 | 4.4 | 134 |
| | 1920 | 0.3 | 9 |
| **10** Tu ◐ | 0142 | 4.6 | 140 |
| | 0752 | 0.0 | 0 |
| | 1426 | 4.5 | 137 |
| | 2022 | 0.4 | 12 |
| **11** W | 0237 | 4.3 | 131 |
| | 0842 | 0.0 | 0 |
| | 1524 | 4.5 | 137 |
| | 2120 | 0.5 | 15 |
| **12** Th | 0332 | 4.1 | 125 |
| | 0930 | 0.1 | 3 |
| | 1619 | 4.6 | 140 |
| | 2215 | 0.5 | 15 |
| **13** F | 0425 | 4.0 | 122 |
| | 1016 | 0.2 | 6 |
| | 1709 | 4.7 | 143 |
| | 2307 | 0.5 | 15 |
| **14** Sa | 0515 | 3.9 | 119 |
| | 1101 | 0.2 | 6 |
| | 1754 | 4.7 | 143 |
| | 2356 | 0.4 | 12 |
| **15** Su | 0601 | 3.8 | 116 |
| | 1145 | 0.2 | 6 |
| | 1837 | 4.8 | 146 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0042 | 0.3 | 9 |
| | 0645 | 3.8 | 116 |
| | 1226 | 0.1 | 3 |
| | 1917 | 4.8 | 146 |
| **17** Tu | 0125 | 0.2 | 6 |
| | 0727 | 3.8 | 116 |
| | 1306 | 0.1 | 3 |
| | 1956 | 4.7 | 143 |
| **18** W ○ | 0204 | 0.1 | 3 |
| | 0807 | 3.8 | 116 |
| | 1342 | 0.0 | 0 |
| | 2034 | 4.7 | 143 |
| **19** Th | 0241 | 0.1 | 3 |
| | 0848 | 3.8 | 116 |
| | 1417 | 0.0 | 0 |
| | 2112 | 4.7 | 143 |
| **20** F | 0315 | 0.2 | 6 |
| | 0928 | 3.8 | 116 |
| | 1451 | 0.1 | 3 |
| | 2149 | 4.7 | 143 |
| **21** Sa | 0348 | 0.2 | 6 |
| | 1008 | 3.8 | 116 |
| | 1528 | 0.2 | 6 |
| | 2225 | 4.7 | 143 |
| **22** Su | 0421 | 0.2 | 6 |
| | 1048 | 3.9 | 119 |
| | 1609 | 0.3 | 9 |
| | 2303 | 4.6 | 140 |
| **23** M | 0458 | 0.2 | 6 |
| | 1130 | 4.1 | 125 |
| | 1656 | 0.4 | 12 |
| | 2342 | 4.6 | 140 |
| **24** Tu | 0540 | 0.2 | 6 |
| | 1214 | 4.2 | 128 |
| | 1750 | 0.5 | 15 |
| **25** W | 0024 | 4.5 | 137 |
| | 0627 | 0.1 | 3 |
| | 1302 | 4.4 | 134 |
| | 1852 | 0.6 | 18 |
| **26** Th ◑ | 0112 | 4.4 | 134 |
| | 0718 | 0.0 | 0 |
| | 1356 | 4.6 | 140 |
| | 1957 | 0.5 | 15 |
| **27** F | 0207 | 4.2 | 128 |
| | 0812 | −0.1 | −3 |
| | 1456 | 4.8 | 146 |
| | 2103 | 0.4 | 12 |
| **28** Sa | 0310 | 4.1 | 125 |
| | 0909 | −0.3 | −9 |
| | 1601 | 4.9 | 149 |
| | 2208 | 0.2 | 6 |
| **29** Su | 0418 | 4.0 | 122 |
| | 1008 | −0.5 | −15 |
| | 1705 | 5.1 | 155 |
| | 2312 | 0.0 | 0 |
| **30** M | 0525 | 4.0 | 122 |
| | 1109 | −0.6 | −18 |
| | 1807 | 5.3 | 162 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Mayport, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0013 | −0.2 | −6 |
| | 0628 | 4.1 | 125 |
| | 1209 | −0.8 | −24 |
| | 1907 | 5.4 | 165 |
| **2** W ● | 0110 | −0.5 | −15 |
| | 0729 | 4.1 | 125 |
| | 1308 | −0.9 | −27 |
| | 2004 | 5.4 | 165 |
| **3** Th | 0204 | −0.6 | −18 |
| | 0827 | 4.3 | 131 |
| | 1404 | −1.0 | −30 |
| | 2059 | 5.4 | 165 |
| **4** F | 0256 | −0.7 | −21 |
| | 0924 | 4.3 | 131 |
| | 1459 | −0.9 | −27 |
| | 2151 | 5.3 | 162 |
| **5** Sa | 0347 | −0.7 | −21 |
| | 1018 | 4.4 | 134 |
| | 1554 | −0.6 | −18 |
| | 2241 | 5.2 | 158 |
| **6** Su | 0438 | −0.6 | −18 |
| | 1111 | 4.5 | 137 |
| | 1651 | −0.3 | −9 |
| | 2329 | 4.9 | 149 |
| **7** M | 0529 | −0.4 | −12 |
| | 1203 | 4.5 | 137 |
| | 1750 | 0.0 | 0 |
| **8** Tu | 0016 | 4.7 | 143 |
| | 0621 | −0.2 | −6 |
| | 1255 | 4.5 | 137 |
| | 1852 | 0.3 | 9 |
| **9** W ◐ | 0104 | 4.4 | 134 |
| | 0712 | 0.0 | 0 |
| | 1348 | 4.5 | 137 |
| | 1951 | 0.5 | 15 |
| **10** Th | 0153 | 4.2 | 128 |
| | 0801 | 0.2 | 6 |
| | 1442 | 4.5 | 137 |
| | 2047 | 0.7 | 21 |
| **11** F | 0245 | 3.9 | 119 |
| | 0848 | 0.3 | 9 |
| | 1536 | 4.5 | 137 |
| | 2141 | 0.7 | 21 |
| **12** Sa | 0339 | 3.8 | 116 |
| | 0935 | 0.4 | 12 |
| | 1629 | 4.6 | 140 |
| | 2234 | 0.7 | 21 |
| **13** Su | 0432 | 3.7 | 113 |
| | 1022 | 0.4 | 12 |
| | 1718 | 4.6 | 140 |
| | 2324 | 0.7 | 21 |
| **14** M | 0523 | 3.7 | 113 |
| | 1109 | 0.4 | 12 |
| | 1804 | 4.7 | 143 |
| **15** Tu | 0012 | 0.6 | 18 |
| | 0610 | 3.8 | 116 |
| | 1154 | 0.3 | 9 |
| | 1848 | 4.7 | 143 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0056 | 0.4 | 12 |
| | 0655 | 3.8 | 116 |
| | 1237 | 0.2 | 6 |
| | 1929 | 4.8 | 146 |
| **17** Th | 0136 | 0.3 | 9 |
| | 0739 | 3.9 | 119 |
| | 1317 | 0.1 | 3 |
| | 2008 | 4.8 | 146 |
| **18** F ○ | 0212 | 0.2 | 6 |
| | 0821 | 3.9 | 119 |
| | 1354 | 0.0 | 0 |
| | 2046 | 4.8 | 146 |
| **19** Sa | 0245 | 0.1 | 3 |
| | 0902 | 4.0 | 122 |
| | 1431 | 0.0 | 0 |
| | 2123 | 4.8 | 146 |
| **20** Su | 0317 | 0.0 | 0 |
| | 0943 | 4.2 | 128 |
| | 1509 | 0.0 | 0 |
| | 2200 | 4.8 | 146 |
| **21** M | 0350 | 0.0 | 0 |
| | 1024 | 4.3 | 131 |
| | 1551 | 0.1 | 3 |
| | 2238 | 4.7 | 143 |
| **22** Tu | 0426 | 0.0 | 0 |
| | 1106 | 4.5 | 137 |
| | 1638 | 0.3 | 9 |
| | 2318 | 4.7 | 143 |
| **23** W | 0508 | 0.0 | 0 |
| | 1150 | 4.6 | 140 |
| | 1732 | 0.4 | 12 |
| **24** Th | 0001 | 4.5 | 137 |
| | 0555 | 0.0 | 0 |
| | 1238 | 4.8 | 146 |
| | 1833 | 0.5 | 15 |
| **25** F ◑ | 0050 | 4.4 | 134 |
| | 0649 | 0.0 | 0 |
| | 1333 | 4.9 | 149 |
| | 1939 | 0.6 | 18 |
| **26** Sa | 0146 | 4.2 | 128 |
| | 0747 | −0.1 | −3 |
| | 1436 | 4.9 | 149 |
| | 2047 | 0.6 | 18 |
| **27** Su | 0252 | 4.1 | 125 |
| | 0848 | −0.1 | −3 |
| | 1546 | 5.0 | 152 |
| | 2154 | 0.5 | 15 |
| **28** M | 0405 | 4.0 | 122 |
| | 0952 | −0.2 | −6 |
| | 1655 | 5.1 | 155 |
| | 2258 | 0.3 | 9 |
| **29** Tu | 0515 | 4.1 | 125 |
| | 1057 | −0.3 | −9 |
| | 1759 | 5.3 | 162 |
| **30** W | 0000 | 0.0 | 0 |
| | 0619 | 4.2 | 128 |
| | 1200 | −0.5 | −15 |
| | 1857 | 5.4 | 165 |
| **31** Th | 0056 | −0.2 | −6 |
| | 0719 | 4.4 | 134 |
| | 1259 | −0.6 | −18 |
| | 1951 | 5.5 | 168 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0148 | −0.4 | −12 |
| | 0814 | 4.5 | 137 |
| | 1353 | −0.7 | −21 |
| | 2042 | 5.4 | 165 |
| **2** Sa | 0236 | −0.5 | −15 |
| | 0907 | 4.7 | 143 |
| | 1445 | −0.6 | −18 |
| | 2129 | 5.3 | 162 |
| **3** Su | 0322 | −0.5 | −15 |
| | 0957 | 4.8 | 146 |
| | 1536 | −0.4 | −12 |
| | 2215 | 5.1 | 155 |
| **4** M | 0407 | −0.4 | −12 |
| | 1045 | 4.8 | 146 |
| | 1628 | −0.1 | −3 |
| | 2259 | 4.9 | 149 |
| **5** Tu | 0452 | −0.2 | −6 |
| | 1131 | 4.8 | 146 |
| | 1722 | 0.2 | 6 |
| | 2341 | 4.7 | 143 |
| **6** W | 0538 | 0.1 | 3 |
| | 1217 | 4.8 | 146 |
| | 1818 | 0.6 | 18 |
| **7** Th | 0024 | 4.4 | 134 |
| | 0625 | 0.3 | 9 |
| | 1304 | 4.7 | 143 |
| | 1915 | 0.8 | 24 |
| **8** F ◐ | 0109 | 4.2 | 128 |
| | 0713 | 0.6 | 18 |
| | 1354 | 4.6 | 140 |
| | 2011 | 1.0 | 30 |
| **9** Sa | 0158 | 4.0 | 122 |
| | 0803 | 0.8 | 24 |
| | 1447 | 4.6 | 140 |
| | 2105 | 1.1 | 34 |
| **10** Su | 0252 | 3.9 | 119 |
| | 0853 | 0.8 | 24 |
| | 1544 | 4.6 | 140 |
| | 2157 | 1.2 | 37 |
| **11** M | 0349 | 3.9 | 119 |
| | 0943 | 0.9 | 27 |
| | 1639 | 4.7 | 143 |
| | 2248 | 1.1 | 34 |
| **12** Tu | 0444 | 4.0 | 122 |
| | 1033 | 0.8 | 24 |
| | 1729 | 4.8 | 146 |
| | 2336 | 1.0 | 30 |
| **13** W | 0535 | 4.0 | 122 |
| | 1122 | 0.7 | 21 |
| | 1814 | 4.9 | 149 |
| **14** Th | 0021 | 0.8 | 24 |
| | 0623 | 4.2 | 128 |
| | 1208 | 0.5 | 15 |
| | 1856 | 5.0 | 152 |
| **15** F | 0100 | 0.6 | 18 |
| | 0708 | 4.3 | 131 |
| | 1250 | 0.3 | 9 |
| | 1936 | 5.1 | 155 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0136 | 0.4 | 12 |
| | 0751 | 4.5 | 137 |
| | 1331 | 0.2 | 6 |
| | 2015 | 5.1 | 155 |
| **17** Su | 0210 | 0.2 | 6 |
| | 0833 | 4.6 | 140 |
| | 1410 | 0.1 | 3 |
| | 2053 | 5.1 | 155 |
| **18** M | 0243 | 0.0 | 0 |
| | 0915 | 4.8 | 146 |
| | 1451 | 0.1 | 3 |
| | 2132 | 5.1 | 155 |
| **19** Tu | 0317 | −0.1 | −3 |
| | 0957 | 5.0 | 152 |
| | 1535 | 0.2 | 6 |
| | 2213 | 5.0 | 152 |
| **20** W | 0356 | −0.1 | −3 |
| | 1041 | 5.1 | 155 |
| | 1623 | 0.3 | 9 |
| | 2257 | 4.8 | 146 |
| **21** Th | 0439 | 0.0 | 0 |
| | 1128 | 5.2 | 158 |
| | 1717 | 0.5 | 15 |
| | 2344 | 4.7 | 143 |
| **22** F | 0529 | 0.1 | 3 |
| | 1219 | 5.2 | 158 |
| | 1820 | 0.7 | 21 |
| **23** Sa ◑ | 0036 | 4.5 | 137 |
| | 0626 | 0.3 | 9 |
| | 1318 | 5.2 | 158 |
| | 1928 | 0.9 | 27 |
| **24** Su | 0136 | 4.4 | 134 |
| | 0731 | 0.3 | 9 |
| | 1426 | 5.2 | 158 |
| | 2038 | 0.9 | 27 |
| **25** M | 0247 | 4.3 | 131 |
| | 0839 | 0.4 | 12 |
| | 1539 | 5.2 | 158 |
| | 2144 | 0.8 | 24 |
| **26** Tu | 0402 | 4.3 | 131 |
| | 0946 | 0.3 | 9 |
| | 1649 | 5.3 | 162 |
| | 2247 | 0.6 | 18 |
| **27** W | 0511 | 4.5 | 137 |
| | 1052 | 0.2 | 6 |
| | 1750 | 5.5 | 168 |
| | 2346 | 0.4 | 12 |
| **28** Th | 0612 | 4.7 | 143 |
| | 1153 | 0.0 | 0 |
| | 1844 | 5.6 | 171 |
| **29** F | 0039 | 0.1 | 3 |
| | 0707 | 4.9 | 149 |
| | 1250 | −0.1 | −3 |
| | 1934 | 5.6 | 171 |
| **30** Sa ● | 0127 | −0.1 | −3 |
| | 0758 | 5.1 | 155 |
| | 1342 | −0.2 | −6 |
| | 2020 | 5.5 | 168 |
| **31** Su | 0211 | −0.2 | −6 |
| | 0846 | 5.2 | 158 |
| | 1430 | −0.2 | −6 |
| | 2104 | 5.4 | 165 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0253 | −0.2 | −6 |
| | 0931 | 5.2 | 158 |
| | 1517 | 0.0 | 0 |
| | 2146 | 5.2 | 158 |
| **2** Tu | 0332 | 0.0 | 0 |
| | 1014 | 5.2 | 158 |
| | 1603 | 0.3 | 9 |
| | 2226 | 5.0 | 152 |
| **3** W | 0411 | 0.2 | 6 |
| | 1056 | 5.2 | 158 |
| | 1651 | 0.6 | 18 |
| | 2306 | 4.7 | 143 |
| **4** Th | 0451 | 0.5 | 15 |
| | 1137 | 5.1 | 155 |
| | 1741 | 0.9 | 27 |
| | 2346 | 4.6 | 140 |
| **5** F | 0534 | 0.8 | 24 |
| | 1219 | 5.0 | 152 |
| | 1835 | 1.2 | 37 |
| **6** Sa | 0029 | 4.4 | 134 |
| | 0621 | 1.1 | 34 |
| | 1305 | 4.9 | 149 |
| | 1930 | 1.5 | 46 |
| **7** Su ◐ | 0115 | 4.3 | 131 |
| | 0713 | 1.3 | 40 |
| | 1357 | 4.8 | 146 |
| | 2025 | 1.6 | 49 |
| **8** M | 0208 | 4.3 | 131 |
| | 0808 | 1.4 | 43 |
| | 1455 | 4.8 | 146 |
| | 2118 | 1.6 | 49 |
| **9** Tu | 0306 | 4.3 | 131 |
| | 0903 | 1.3 | 40 |
| | 1553 | 4.9 | 149 |
| | 2208 | 1.5 | 46 |
| **10** W | 0405 | 4.3 | 131 |
| | 0956 | 1.2 | 37 |
| | 1647 | 5.0 | 152 |
| | 2255 | 1.4 | 43 |
| **11** Th | 0459 | 4.5 | 137 |
| | 1047 | 1.1 | 34 |
| | 1734 | 5.1 | 155 |
| | 2338 | 1.1 | 34 |
| **12** F | 0549 | 4.7 | 143 |
| | 1136 | 0.8 | 24 |
| | 1818 | 5.3 | 162 |
| **13** Sa | 0018 | 0.8 | 24 |
| | 0635 | 4.9 | 149 |
| | 1222 | 0.6 | 18 |
| | 1859 | 5.3 | 162 |
| **14** Su | 0055 | 0.5 | 15 |
| | 0719 | 5.1 | 155 |
| | 1307 | 0.4 | 12 |
| | 1940 | 5.4 | 165 |
| **15** M ○ | 0131 | 0.2 | 6 |
| | 0802 | 5.4 | 165 |
| | 1350 | 0.3 | 9 |
| | 2022 | 5.4 | 165 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0208 | 0.1 | 3 |
| | 0846 | 5.5 | 168 |
| | 1434 | 0.2 | 6 |
| | 2105 | 5.3 | 162 |
| **17** W | 0247 | 0.0 | 0 |
| | 0931 | 5.7 | 174 |
| | 1520 | 0.3 | 9 |
| | 2151 | 5.2 | 158 |
| **18** Th | 0329 | 0.0 | 0 |
| | 1019 | 5.7 | 174 |
| | 1609 | 0.5 | 15 |
| | 2239 | 5.0 | 152 |
| **19** F | 0415 | 0.2 | 6 |
| | 1110 | 5.7 | 174 |
| | 1705 | 0.7 | 21 |
| | 2331 | 4.9 | 149 |
| **20** Sa | 0509 | 0.4 | 12 |
| | 1206 | 5.6 | 171 |
| | 1810 | 1.0 | 30 |
| **21** Su | 0028 | 4.7 | 143 |
| | 0612 | 0.6 | 18 |
| | 1309 | 5.5 | 168 |
| | 1921 | 1.1 | 34 |
| **22** M ◑ | 0134 | 4.6 | 140 |
| | 0723 | 0.8 | 24 |
| | 1419 | 5.5 | 168 |
| | 2030 | 1.1 | 34 |
| **23** Tu | 0247 | 4.6 | 140 |
| | 0835 | 0.8 | 24 |
| | 1531 | 5.5 | 168 |
| | 2134 | 1.0 | 30 |
| **24** W | 0400 | 4.8 | 146 |
| | 0943 | 0.7 | 21 |
| | 1637 | 5.5 | 168 |
| | 2233 | 0.9 | 27 |
| **25** Th | 0504 | 5.0 | 152 |
| | 1046 | 0.6 | 18 |
| | 1734 | 5.6 | 171 |
| | 2327 | 0.6 | 18 |
| **26** F | 0601 | 5.2 | 158 |
| | 1145 | 0.5 | 15 |
| | 1825 | 5.6 | 171 |
| **27** Sa | 0017 | 0.4 | 12 |
| | 0652 | 5.4 | 165 |
| | 1238 | 0.3 | 9 |
| | 1912 | 5.6 | 171 |
| **28** Su | 0102 | 0.2 | 6 |
| | 0739 | 5.6 | 171 |
| | 1327 | 0.3 | 9 |
| | 1955 | 5.5 | 168 |
| **29** M ● | 0143 | 0.2 | 6 |
| | 0822 | 5.6 | 171 |
| | 1413 | 0.3 | 9 |
| | 2036 | 5.3 | 162 |
| **30** Tu | 0221 | 0.2 | 6 |
| | 0903 | 5.6 | 171 |
| | 1456 | 0.4 | 12 |
| | 2115 | 5.1 | 155 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Mayport, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0257 | 0.4 | 12 |
| | 0943 | 5.5 | 168 |
| | 1538 | 0.6 | 18 |
| | 2154 | 4.9 | 149 |
| **2** Th | 0332 | 0.6 | 18 |
| | 1021 | 5.4 | 165 |
| | 1620 | 0.9 | 27 |
| | 2232 | 4.8 | 146 |
| **3** F | 0408 | 0.9 | 27 |
| | 1059 | 5.3 | 162 |
| | 1705 | 1.2 | 37 |
| | 2311 | 4.7 | 143 |
| **4** Sa | 0446 | 1.1 | 34 |
| | 1139 | 5.2 | 158 |
| | 1754 | 1.5 | 46 |
| | 2353 | 4.6 | 140 |
| **5** Su | 0529 | 1.4 | 43 |
| | 1222 | 5.1 | 155 |
| | 1847 | 1.7 | 52 |
| **6** M | 0038 | 4.5 | 137 |
| | 0621 | 1.6 | 49 |
| | 1310 | 5.1 | 155 |
| | 1941 | 1.8 | 55 |
| **7** Tu ◐ | 0128 | 4.5 | 137 |
| | 0719 | 1.7 | 52 |
| | 1404 | 5.0 | 152 |
| | 2033 | 1.8 | 55 |
| **8** W | 0225 | 4.5 | 137 |
| | 0818 | 1.6 | 49 |
| | 1502 | 5.1 | 155 |
| | 2121 | 1.7 | 52 |
| **9** Th | 0324 | 4.6 | 140 |
| | 0915 | 1.5 | 46 |
| | 1557 | 5.1 | 155 |
| | 2207 | 1.5 | 46 |
| **10** F | 0421 | 4.8 | 146 |
| | 1010 | 1.3 | 40 |
| | 1648 | 5.2 | 158 |
| | 2250 | 1.2 | 37 |
| **11** Sa | 0513 | 5.1 | 155 |
| | 1103 | 1.1 | 34 |
| | 1736 | 5.3 | 162 |
| | 2332 | 0.8 | 24 |
| **12** Su | 0601 | 5.4 | 165 |
| | 1153 | 0.8 | 24 |
| | 1821 | 5.4 | 165 |
| **13** M | 0013 | 0.5 | 15 |
| | 0647 | 5.7 | 174 |
| | 1242 | 0.5 | 15 |
| | 1907 | 5.4 | 165 |
| **14** Tu ○ | 0055 | 0.2 | 6 |
| | 0733 | 5.9 | 180 |
| | 1330 | 0.3 | 9 |
| | 1953 | 5.3 | 162 |
| **15** W | 0137 | 0.0 | 0 |
| | 0820 | 6.0 | 183 |
| | 1417 | 0.2 | 6 |
| | 2041 | 5.3 | 162 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0221 | −0.1 | −3 |
| | 0910 | 6.1 | 186 |
| | 1506 | 0.2 | 6 |
| | 2132 | 5.2 | 158 |
| **17** F | 0307 | −0.1 | −3 |
| | 1002 | 6.1 | 186 |
| | 1558 | 0.4 | 12 |
| | 2225 | 5.1 | 155 |
| **18** Sa | 0358 | 0.1 | 3 |
| | 1057 | 6.0 | 183 |
| | 1655 | 0.7 | 21 |
| | 2322 | 4.9 | 149 |
| **19** Su | 0456 | 0.4 | 12 |
| | 1156 | 5.8 | 177 |
| | 1801 | 0.9 | 27 |
| **20** M | 0023 | 4.8 | 146 |
| | 0604 | 0.7 | 21 |
| | 1300 | 5.7 | 174 |
| | 1911 | 1.0 | 30 |
| **21** Tu ◑ | 0129 | 4.8 | 146 |
| | 0718 | 0.9 | 27 |
| | 1407 | 5.6 | 171 |
| | 2017 | 1.0 | 30 |
| **22** W | 0240 | 4.9 | 149 |
| | 0829 | 0.9 | 27 |
| | 1514 | 5.5 | 168 |
| | 2117 | 0.9 | 27 |
| **23** Th | 0349 | 5.1 | 155 |
| | 0935 | 0.9 | 27 |
| | 1616 | 5.5 | 168 |
| | 2212 | 0.8 | 24 |
| **24** F | 0450 | 5.3 | 162 |
| | 1035 | 0.8 | 24 |
| | 1712 | 5.4 | 165 |
| | 2303 | 0.6 | 18 |
| **25** Sa | 0544 | 5.5 | 168 |
| | 1131 | 0.7 | 21 |
| | 1801 | 5.4 | 165 |
| | 2350 | 0.5 | 15 |
| **26** Su | 0632 | 5.6 | 171 |
| | 1223 | 0.6 | 18 |
| | 1846 | 5.3 | 162 |
| **27** M | 0033 | 0.4 | 12 |
| | 0717 | 5.7 | 174 |
| | 1310 | 0.5 | 15 |
| | 1928 | 5.1 | 155 |
| **28** Tu ● | 0113 | 0.4 | 12 |
| | 0758 | 5.7 | 174 |
| | 1354 | 0.5 | 15 |
| | 2008 | 5.0 | 152 |
| **29** W | 0150 | 0.4 | 12 |
| | 0836 | 5.6 | 171 |
| | 1434 | 0.5 | 15 |
| | 2047 | 4.8 | 146 |
| **30** Th | 0226 | 0.5 | 15 |
| | 0913 | 5.5 | 168 |
| | 1514 | 0.7 | 21 |
| | 2124 | 4.7 | 143 |
| **31** F | 0259 | 0.7 | 21 |
| | 0950 | 5.4 | 165 |
| | 1553 | 0.9 | 27 |
| | 2202 | 4.6 | 140 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0333 | 0.9 | 27 |
| | 1027 | 5.3 | 162 |
| | 1632 | 1.1 | 34 |
| | 2241 | 4.5 | 137 |
| **2** Su | 0408 | 1.1 | 34 |
| | 1105 | 5.2 | 158 |
| | 1715 | 1.4 | 43 |
| | 2322 | 4.5 | 137 |
| **3** M | 0448 | 1.3 | 40 |
| | 1146 | 5.1 | 155 |
| | 1801 | 1.6 | 49 |
| **4** Tu | 0005 | 4.5 | 137 |
| | 0536 | 1.4 | 43 |
| | 1230 | 5.1 | 155 |
| | 1851 | 1.6 | 49 |
| **5** W ◐ | 0053 | 4.5 | 137 |
| | 0631 | 1.5 | 46 |
| | 1318 | 5.0 | 152 |
| | 1940 | 1.6 | 49 |
| **6** Th | 0145 | 4.5 | 137 |
| | 0732 | 1.6 | 49 |
| | 1409 | 5.0 | 152 |
| | 2027 | 1.4 | 43 |
| **7** F | 0242 | 4.7 | 143 |
| | 0833 | 1.5 | 46 |
| | 1504 | 5.0 | 152 |
| | 2113 | 1.2 | 37 |
| **8** Sa | 0339 | 4.9 | 149 |
| | 0932 | 1.3 | 40 |
| | 1559 | 5.0 | 152 |
| | 2159 | 0.9 | 27 |
| **9** Su | 0434 | 5.2 | 158 |
| | 1030 | 1.0 | 30 |
| | 1653 | 5.0 | 152 |
| | 2246 | 0.5 | 15 |
| **10** M | 0527 | 5.5 | 168 |
| | 1125 | 0.7 | 21 |
| | 1745 | 5.0 | 152 |
| | 2334 | 0.2 | 6 |
| **11** Tu | 0617 | 5.7 | 174 |
| | 1219 | 0.4 | 12 |
| | 1837 | 5.0 | 152 |
| **12** W | 0023 | −0.1 | −3 |
| | 0708 | 5.9 | 180 |
| | 1311 | 0.1 | 3 |
| | 1928 | 5.0 | 152 |
| **13** Th ○ | 0112 | −0.4 | −12 |
| | 0800 | 6.1 | 186 |
| | 1402 | 0.0 | 0 |
| | 2022 | 5.0 | 152 |
| **14** F | 0201 | −0.4 | −12 |
| | 0854 | 6.1 | 186 |
| | 1453 | 0.0 | 0 |
| | 2116 | 4.9 | 149 |
| **15** Sa | 0252 | −0.4 | −12 |
| | 0949 | 6.0 | 183 |
| | 1546 | 0.1 | 3 |
| | 2213 | 4.9 | 149 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0346 | −0.2 | −6 |
| | 1046 | 5.9 | 180 |
| | 1644 | 0.3 | 9 |
| | 2312 | 4.8 | 146 |
| **17** M | 0446 | 0.1 | 3 |
| | 1144 | 5.7 | 174 |
| | 1747 | 0.4 | 12 |
| **18** Tu | 0012 | 4.8 | 146 |
| | 0554 | 0.4 | 12 |
| | 1243 | 5.5 | 168 |
| | 1852 | 0.6 | 18 |
| **19** W ◑ | 0116 | 4.8 | 146 |
| | 0706 | 0.6 | 18 |
| | 1345 | 5.3 | 162 |
| | 1954 | 0.6 | 18 |
| **20** Th | 0223 | 4.8 | 146 |
| | 0815 | 0.8 | 24 |
| | 1447 | 5.1 | 155 |
| | 2051 | 0.6 | 18 |
| **21** F | 0328 | 5.0 | 152 |
| | 0919 | 0.8 | 24 |
| | 1547 | 5.0 | 152 |
| | 2143 | 0.5 | 15 |
| **22** Sa | 0428 | 5.1 | 155 |
| | 1018 | 0.8 | 24 |
| | 1642 | 4.9 | 149 |
| | 2233 | 0.5 | 15 |
| **23** Su | 0521 | 5.3 | 162 |
| | 1113 | 0.7 | 21 |
| | 1733 | 4.7 | 143 |
| | 2319 | 0.4 | 12 |
| **24** M | 0609 | 5.4 | 165 |
| | 1204 | 0.6 | 18 |
| | 1819 | 4.6 | 140 |
| **25** Tu | 0003 | 0.3 | 9 |
| | 0653 | 5.4 | 165 |
| | 1250 | 0.5 | 15 |
| | 1902 | 4.5 | 137 |
| **26** W | 0045 | 0.3 | 9 |
| | 0733 | 5.3 | 162 |
| | 1334 | 0.4 | 12 |
| | 1942 | 4.5 | 137 |
| **27** Th ● | 0123 | 0.3 | 9 |
| | 0812 | 5.3 | 162 |
| | 1414 | 0.4 | 12 |
| | 2021 | 4.4 | 134 |
| **28** F | 0159 | 0.3 | 9 |
| | 0849 | 5.2 | 158 |
| | 1452 | 0.5 | 15 |
| | 2059 | 4.3 | 131 |
| **29** Sa | 0233 | 0.4 | 12 |
| | 0925 | 5.1 | 155 |
| | 1528 | 0.6 | 18 |
| | 2136 | 4.3 | 131 |
| **30** Su | 0306 | 0.5 | 15 |
| | 1001 | 5.0 | 152 |
| | 1604 | 0.7 | 21 |
| | 2215 | 4.2 | 128 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0340 | 0.6 | 18 |
| | 1038 | 5.0 | 152 |
| | 1639 | 0.9 | 27 |
| | 2254 | 4.2 | 128 |
| **2** Tu | 0418 | 0.8 | 24 |
| | 1115 | 4.9 | 149 |
| | 1717 | 1.0 | 30 |
| | 2336 | 4.2 | 128 |
| **3** W | 0501 | 0.9 | 27 |
| | 1154 | 4.8 | 146 |
| | 1759 | 1.0 | 30 |
| **4** Th | 0019 | 4.3 | 131 |
| | 0552 | 1.1 | 34 |
| | 1236 | 4.8 | 146 |
| | 1844 | 0.9 | 27 |
| **5** F ◐ | 0107 | 4.4 | 134 |
| | 0651 | 1.1 | 34 |
| | 1322 | 4.7 | 143 |
| | 1932 | 0.8 | 24 |
| **6** Sa | 0159 | 4.5 | 137 |
| | 0754 | 1.1 | 34 |
| | 1415 | 4.6 | 140 |
| | 2022 | 0.6 | 18 |
| **7** Su | 0257 | 4.7 | 143 |
| | 0857 | 0.9 | 27 |
| | 1513 | 4.5 | 137 |
| | 2114 | 0.3 | 9 |
| **8** M | 0357 | 5.0 | 152 |
| | 0959 | 0.7 | 21 |
| | 1614 | 4.4 | 134 |
| | 2207 | 0.0 | 0 |
| **9** Tu | 0456 | 5.2 | 158 |
| | 1100 | 0.4 | 12 |
| | 1715 | 4.4 | 134 |
| | 2303 | −0.2 | −6 |
| **10** W | 0554 | 5.4 | 165 |
| | 1159 | 0.1 | 3 |
| | 1813 | 4.5 | 137 |
| | 2358 | −0.5 | −15 |
| **11** Th | 0650 | 5.6 | 171 |
| | 1255 | −0.2 | −6 |
| | 1910 | 4.5 | 137 |
| **12** F ○ | 0053 | −0.8 | −24 |
| | 0746 | 5.7 | 174 |
| | 1348 | −0.4 | −12 |
| | 2007 | 4.6 | 140 |
| **13** Sa | 0147 | −0.9 | −27 |
| | 0842 | 5.7 | 174 |
| | 1441 | −0.5 | −15 |
| | 2104 | 4.6 | 140 |
| **14** Su | 0241 | −0.9 | −27 |
| | 0937 | 5.7 | 174 |
| | 1534 | −0.5 | −15 |
| | 2201 | 4.6 | 140 |
| **15** M | 0337 | −0.7 | −21 |
| | 1032 | 5.6 | 171 |
| | 1628 | −0.4 | −12 |
| | 2258 | 4.6 | 140 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0435 | −0.4 | −12 |
| | 1126 | 5.3 | 162 |
| | 1725 | −0.2 | −6 |
| | 2355 | 4.6 | 140 |
| **17** W | 0539 | −0.1 | −3 |
| | 1219 | 5.1 | 155 |
| | 1824 | −0.1 | −3 |
| **18** Th | 0054 | 4.6 | 140 |
| | 0646 | 0.2 | 6 |
| | 1314 | 4.8 | 146 |
| | 1922 | 0.1 | 3 |
| **19** F ◑ | 0155 | 4.6 | 140 |
| | 0752 | 0.4 | 12 |
| | 1411 | 4.5 | 137 |
| | 2016 | 0.2 | 6 |
| **20** Sa | 0257 | 4.6 | 140 |
| | 0854 | 0.5 | 15 |
| | 1510 | 4.3 | 131 |
| | 2108 | 0.2 | 6 |
| **21** Su | 0357 | 4.7 | 143 |
| | 0953 | 0.6 | 18 |
| | 1607 | 4.1 | 125 |
| | 2158 | 0.3 | 9 |
| **22** M | 0452 | 4.8 | 146 |
| | 1048 | 0.5 | 15 |
| | 1701 | 4.0 | 122 |
| | 2247 | 0.3 | 9 |
| **23** Tu | 0542 | 4.8 | 146 |
| | 1140 | 0.5 | 15 |
| | 1750 | 4.0 | 122 |
| | 2334 | 0.2 | 6 |
| **24** W | 0627 | 4.8 | 146 |
| | 1228 | 0.4 | 12 |
| | 1834 | 4.0 | 122 |
| **25** Th | 0018 | 0.2 | 6 |
| | 0709 | 4.8 | 146 |
| | 1312 | 0.2 | 6 |
| | 1916 | 4.0 | 122 |
| **26** F | 0100 | 0.1 | 3 |
| | 0749 | 4.8 | 146 |
| | 1352 | 0.2 | 6 |
| | 1956 | 3.9 | 119 |
| **27** Sa ● | 0138 | 0.0 | 0 |
| | 0826 | 4.8 | 146 |
| | 1429 | 0.1 | 3 |
| | 2035 | 3.9 | 119 |
| **28** Su | 0212 | 0.0 | 0 |
| | 0902 | 4.8 | 146 |
| | 1503 | 0.2 | 6 |
| | 2113 | 3.9 | 119 |
| **29** M | 0245 | 0.0 | 0 |
| | 0937 | 4.7 | 143 |
| | 1535 | 0.2 | 6 |
| | 2151 | 4.0 | 122 |
| **30** Tu | 0318 | 0.1 | 3 |
| | 1012 | 4.7 | 143 |
| | 1606 | 0.2 | 6 |
| | 2228 | 4.0 | 122 |
| **31** W | 0354 | 0.2 | 6 |
| | 1046 | 4.6 | 140 |
| | 1638 | 0.3 | 9 |
| | 2307 | 4.1 | 125 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Port Canaveral (Trident Pier), Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0216 | 3.2 | 98 |
| | 0822 | 0.8 | 24 |
| | 1411 | 2.6 | 79 |
| | 2022 | 0.3 | 9 |
| **2** W | 0313 | 3.3 | 101 |
| | 0922 | 0.8 | 24 |
| | 1507 | 2.5 | 76 |
| | 2109 | 0.3 | 9 |
| **3** Th | 0403 | 3.4 | 104 |
| | 1018 | 0.7 | 21 |
| | 1559 | 2.5 | 76 |
| | 2157 | 0.2 | 6 |
| **4** F | 0448 | 3.5 | 107 |
| | 1109 | 0.6 | 18 |
| | 1647 | 2.5 | 76 |
| | 2245 | 0.1 | 3 |
| **5** Sa | 0532 | 3.6 | 110 |
| | 1153 | 0.5 | 15 |
| | 1732 | 2.6 | 79 |
| | 2331 | 0.0 | 0 |
| **6** Su | 0614 | 3.8 | 116 |
| | 1234 | 0.4 | 12 |
| | 1816 | 2.6 | 79 |
| **7** M | 0014 | −0.1 | −3 |
| | 0655 | 3.8 | 116 |
| | 1312 | 0.3 | 9 |
| | 1859 | 2.7 | 82 |
| **8** Tu ● | 0055 | −0.2 | −6 |
| | 0735 | 3.9 | 119 |
| | 1350 | 0.2 | 6 |
| | 1941 | 2.8 | 85 |
| **9** W | 0135 | −0.3 | −9 |
| | 0814 | 4.0 | 122 |
| | 1427 | 0.1 | 3 |
| | 2023 | 2.9 | 88 |
| **10** Th | 0216 | −0.3 | −9 |
| | 0853 | 3.9 | 119 |
| | 1506 | 0.0 | 0 |
| | 2105 | 3.0 | 91 |
| **11** F | 0300 | −0.2 | −6 |
| | 0931 | 3.9 | 119 |
| | 1546 | −0.1 | −3 |
| | 2149 | 3.1 | 94 |
| **12** Sa | 0347 | −0.1 | −3 |
| | 1011 | 3.7 | 113 |
| | 1628 | −0.1 | −3 |
| | 2235 | 3.2 | 98 |
| **13** Su | 0440 | 0.0 | 0 |
| | 1053 | 3.5 | 107 |
| | 1713 | −0.2 | −6 |
| | 2325 | 3.4 | 104 |
| **14** M | 0538 | 0.1 | 3 |
| | 1140 | 3.3 | 101 |
| | 1801 | −0.3 | −9 |
| **15** Tu ◐ | 0021 | 3.5 | 107 |
| | 0640 | 0.2 | 6 |
| | 1232 | 3.0 | 91 |
| | 1852 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0123 | 3.6 | 110 |
| | 0744 | 0.3 | 9 |
| | 1333 | 2.8 | 85 |
| | 1947 | −0.4 | −12 |
| **17** Th | 0229 | 3.8 | 116 |
| | 0851 | 0.3 | 9 |
| | 1439 | 2.8 | 85 |
| | 2046 | −0.5 | −15 |
| **18** F | 0335 | 3.9 | 119 |
| | 0958 | 0.2 | 6 |
| | 1545 | 2.8 | 85 |
| | 2148 | −0.6 | −18 |
| **19** Sa | 0437 | 4.1 | 125 |
| | 1102 | 0.1 | 3 |
| | 1647 | 2.9 | 88 |
| | 2250 | −0.7 | −21 |
| **20** Su | 0536 | 4.2 | 128 |
| | 1200 | −0.1 | −3 |
| | 1746 | 3.0 | 91 |
| | 2348 | −0.8 | −24 |
| **21** M | 0631 | 4.3 | 131 |
| | 1252 | −0.2 | −6 |
| | 1842 | 3.1 | 94 |
| **22** Tu ○ | 0043 | −0.8 | −24 |
| | 0723 | 4.3 | 131 |
| | 1340 | −0.3 | −9 |
| | 1936 | 3.3 | 101 |
| **23** W | 0134 | −0.8 | −24 |
| | 0811 | 4.2 | 128 |
| | 1425 | −0.4 | −12 |
| | 2026 | 3.3 | 101 |
| **24** Th | 0223 | −0.6 | −18 |
| | 0855 | 4.0 | 122 |
| | 1509 | −0.3 | −9 |
| | 2115 | 3.4 | 104 |
| **25** F | 0312 | −0.4 | −12 |
| | 0937 | 3.8 | 116 |
| | 1551 | −0.3 | −9 |
| | 2201 | 3.3 | 101 |
| **26** Sa | 0402 | −0.1 | −3 |
| | 1017 | 3.5 | 107 |
| | 1634 | −0.2 | −6 |
| | 2247 | 3.3 | 101 |
| **27** Su | 0453 | 0.1 | 3 |
| | 1057 | 3.1 | 94 |
| | 1716 | −0.1 | −3 |
| | 2333 | 3.2 | 98 |
| **28** M | 0546 | 0.4 | 12 |
| | 1138 | 2.8 | 85 |
| | 1759 | 0.0 | 0 |
| **29** Tu | 0023 | 3.1 | 94 |
| | 0640 | 0.6 | 18 |
| | 1223 | 2.5 | 76 |
| | 1844 | 0.2 | 6 |
| **30** W ◑ | 0118 | 3.0 | 91 |
| | 0736 | 0.7 | 21 |
| | 1316 | 2.3 | 70 |
| | 1932 | 0.2 | 6 |
| **31** Th | 0218 | 3.0 | 91 |
| | 0834 | 0.7 | 21 |
| | 1416 | 2.2 | 67 |
| | 2023 | 0.2 | 6 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0318 | 3.1 | 94 |
| | 0933 | 0.7 | 21 |
| | 1516 | 2.2 | 67 |
| | 2117 | 0.2 | 6 |
| **2** Sa | 0412 | 3.2 | 98 |
| | 1029 | 0.6 | 18 |
| | 1611 | 2.3 | 70 |
| | 2211 | 0.1 | 3 |
| **3** Su | 0500 | 3.4 | 104 |
| | 1119 | 0.5 | 15 |
| | 1701 | 2.4 | 73 |
| | 2302 | −0.1 | −3 |
| **4** M | 0544 | 3.5 | 107 |
| | 1202 | 0.3 | 9 |
| | 1747 | 2.6 | 79 |
| | 2349 | −0.2 | −6 |
| **5** Tu | 0627 | 3.7 | 113 |
| | 1242 | 0.1 | 3 |
| | 1832 | 2.8 | 85 |
| **6** W ● | 0033 | −0.4 | −12 |
| | 0707 | 3.8 | 116 |
| | 1319 | −0.1 | −3 |
| | 1916 | 3.0 | 91 |
| **7** Th | 0116 | −0.5 | −15 |
| | 0747 | 3.9 | 119 |
| | 1356 | −0.2 | −6 |
| | 1959 | 3.2 | 98 |
| **8** F | 0159 | −0.5 | −15 |
| | 0826 | 3.9 | 119 |
| | 1434 | −0.4 | −12 |
| | 2043 | 3.4 | 104 |
| **9** Sa | 0244 | −0.5 | −15 |
| | 0906 | 3.8 | 116 |
| | 1514 | −0.5 | −15 |
| | 2128 | 3.6 | 110 |
| **10** Su | 0333 | −0.4 | −12 |
| | 0947 | 3.6 | 110 |
| | 1556 | −0.5 | −15 |
| | 2215 | 3.7 | 113 |
| **11** M | 0426 | −0.2 | −6 |
| | 1031 | 3.4 | 104 |
| | 1642 | −0.5 | −15 |
| | 2304 | 3.8 | 116 |
| **12** Tu | 0524 | 0.0 | 0 |
| | 1118 | 3.1 | 94 |
| | 1732 | −0.5 | −15 |
| **13** W ◐ | 0000 | 3.7 | 113 |
| | 0626 | 0.1 | 3 |
| | 1212 | 2.9 | 88 |
| | 1827 | −0.4 | −12 |
| **14** Th | 0103 | 3.7 | 113 |
| | 0730 | 0.2 | 6 |
| | 1315 | 2.7 | 82 |
| | 1927 | −0.4 | −12 |
| **15** F | 0213 | 3.7 | 113 |
| | 0838 | 0.3 | 9 |
| | 1425 | 2.6 | 79 |
| | 2032 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0323 | 3.7 | 113 |
| | 0947 | 0.3 | 9 |
| | 1536 | 2.7 | 82 |
| | 2138 | −0.4 | −12 |
| **17** Su | 0428 | 3.8 | 116 |
| | 1052 | 0.1 | 3 |
| | 1640 | 2.8 | 85 |
| | 2243 | −0.5 | −15 |
| **18** M | 0526 | 3.9 | 119 |
| | 1147 | 0.0 | 0 |
| | 1739 | 3.0 | 91 |
| | 2341 | −0.6 | −18 |
| **19** Tu | 0618 | 4.0 | 122 |
| | 1235 | −0.2 | −6 |
| | 1832 | 3.2 | 98 |
| **20** W ○ | 0034 | −0.6 | −18 |
| | 0706 | 3.9 | 119 |
| | 1318 | −0.3 | −9 |
| | 1922 | 3.4 | 104 |
| **21** Th | 0122 | −0.6 | −18 |
| | 0749 | 3.9 | 119 |
| | 1357 | −0.4 | −12 |
| | 2008 | 3.5 | 107 |
| **22** F | 0207 | −0.5 | −15 |
| | 0829 | 3.7 | 113 |
| | 1435 | −0.3 | −9 |
| | 2051 | 3.6 | 110 |
| **23** Sa | 0252 | −0.3 | −9 |
| | 0907 | 3.5 | 107 |
| | 1511 | −0.3 | −9 |
| | 2132 | 3.6 | 110 |
| **24** Su | 0336 | −0.1 | −3 |
| | 0944 | 3.2 | 98 |
| | 1549 | −0.2 | −6 |
| | 2212 | 3.5 | 107 |
| **25** M | 0422 | 0.2 | 6 |
| | 1021 | 3.0 | 91 |
| | 1627 | 0.0 | 0 |
| | 2253 | 3.4 | 104 |
| **26** Tu | 0510 | 0.4 | 12 |
| | 1059 | 2.7 | 82 |
| | 1709 | 0.1 | 3 |
| | 2337 | 3.3 | 101 |
| **27** W | 0600 | 0.6 | 18 |
| | 1141 | 2.5 | 76 |
| | 1755 | 0.3 | 9 |
| **28** Th ◑ | 0026 | 3.1 | 94 |
| | 0653 | 0.7 | 21 |
| | 1230 | 2.3 | 70 |
| | 1846 | 0.4 | 12 |
| **29** F | 0124 | 3.0 | 91 |
| | 0748 | 0.8 | 24 |
| | 1328 | 2.2 | 67 |
| | 1940 | 0.4 | 12 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0227 | 3.0 | 91 |
| | 0846 | 0.8 | 24 |
| | 1433 | 2.3 | 70 |
| | 2038 | 0.4 | 12 |
| **2** Su | 0328 | 3.1 | 94 |
| | 0944 | 0.7 | 21 |
| | 1534 | 2.4 | 73 |
| | 2135 | 0.2 | 6 |
| **3** M | 0421 | 3.3 | 101 |
| | 1036 | 0.5 | 15 |
| | 1627 | 2.6 | 79 |
| | 2230 | 0.1 | 3 |
| **4** Tu | 0507 | 3.5 | 107 |
| | 1122 | 0.3 | 9 |
| | 1716 | 2.9 | 88 |
| | 2321 | −0.1 | −3 |
| **5** W | 0551 | 3.7 | 113 |
| | 1203 | 0.0 | 0 |
| | 1803 | 3.2 | 98 |
| **6** Th | 0009 | −0.3 | −9 |
| | 0633 | 3.8 | 116 |
| | 1242 | −0.2 | −6 |
| | 1849 | 3.5 | 107 |
| **7** F ● | 0055 | −0.5 | −15 |
| | 0715 | 3.8 | 116 |
| | 1321 | −0.4 | −12 |
| | 1934 | 3.8 | 116 |
| **8** Sa | 0142 | −0.5 | −15 |
| | 0758 | 3.8 | 116 |
| | 1401 | −0.6 | −18 |
| | 2020 | 4.0 | 122 |
| **9** Su | 0230 | −0.5 | −15 |
| | 0841 | 3.7 | 113 |
| | 1442 | −0.7 | −21 |
| | 2107 | 4.2 | 128 |
| **10** M | 0320 | −0.4 | −12 |
| | 0926 | 3.5 | 107 |
| | 1527 | −0.6 | −18 |
| | 2156 | 4.3 | 131 |
| **11** Tu | 0414 | −0.3 | −9 |
| | 1012 | 3.3 | 101 |
| | 1616 | −0.6 | −18 |
| | 2247 | 4.2 | 128 |
| **12** W | 0512 | −0.1 | −3 |
| | 1103 | 3.1 | 94 |
| | 1710 | −0.4 | −12 |
| | 2343 | 4.0 | 122 |
| **13** Th | 0614 | 0.1 | 3 |
| | 1159 | 2.9 | 88 |
| | 1810 | −0.3 | −9 |
| **14** F ◐ | 0047 | 3.9 | 119 |
| | 0720 | 0.3 | 9 |
| | 1305 | 2.8 | 85 |
| | 1915 | −0.2 | −6 |
| **15** Sa | 0159 | 3.7 | 113 |
| | 0827 | 0.4 | 12 |
| | 1419 | 2.7 | 82 |
| | 2023 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0311 | 3.7 | 113 |
| | 0934 | 0.3 | 9 |
| | 1532 | 2.9 | 88 |
| | 2131 | −0.1 | −3 |
| **17** M | 0416 | 3.7 | 113 |
| | 1035 | 0.2 | 6 |
| | 1635 | 3.1 | 94 |
| | 2236 | −0.1 | −3 |
| **18** Tu | 0511 | 3.7 | 113 |
| | 1127 | 0.1 | 3 |
| | 1730 | 3.3 | 101 |
| | 2334 | −0.2 | −6 |
| **19** W | 0559 | 3.7 | 113 |
| | 1210 | −0.1 | −3 |
| | 1819 | 3.5 | 107 |
| **20** Th | 0024 | −0.2 | −6 |
| | 0642 | 3.6 | 110 |
| | 1249 | −0.2 | −6 |
| | 1904 | 3.7 | 113 |
| **21** F ○ | 0109 | −0.2 | −6 |
| | 0722 | 3.5 | 107 |
| | 1324 | −0.2 | −6 |
| | 1945 | 3.8 | 116 |
| **22** Sa | 0151 | −0.1 | −3 |
| | 0800 | 3.4 | 104 |
| | 1358 | −0.2 | −6 |
| | 2024 | 3.8 | 116 |
| **23** Su | 0231 | 0.0 | 0 |
| | 0837 | 3.2 | 98 |
| | 1432 | −0.1 | −3 |
| | 2102 | 3.8 | 116 |
| **24** M | 0312 | 0.1 | 3 |
| | 0913 | 3.0 | 91 |
| | 1507 | 0.0 | 0 |
| | 2140 | 3.8 | 116 |
| **25** Tu | 0354 | 0.3 | 9 |
| | 0950 | 2.9 | 88 |
| | 1545 | 0.1 | 3 |
| | 2218 | 3.6 | 110 |
| **26** W | 0438 | 0.5 | 15 |
| | 1027 | 2.7 | 82 |
| | 1627 | 0.3 | 9 |
| | 2259 | 3.5 | 107 |
| **27** Th | 0526 | 0.6 | 18 |
| | 1108 | 2.6 | 79 |
| | 1714 | 0.4 | 12 |
| | 2345 | 3.3 | 101 |
| **28** F | 0616 | 0.7 | 21 |
| | 1155 | 2.4 | 73 |
| | 1806 | 0.5 | 15 |
| **29** Sa ◑ | 0038 | 3.2 | 98 |
| | 0710 | 0.8 | 24 |
| | 1250 | 2.4 | 73 |
| | 1902 | 0.6 | 18 |
| **30** Su | 0138 | 3.2 | 98 |
| | 0804 | 0.8 | 24 |
| | 1353 | 2.4 | 73 |
| | 2000 | 0.5 | 15 |
| **31** M | 0239 | 3.2 | 98 |
| | 0857 | 0.7 | 21 |
| | 1456 | 2.6 | 79 |
| | 2058 | 0.4 | 12 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Port Canaveral (Trident Pier), Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0334 | 3.3 | 101 |
| | 0948 | 0.5 | 15 |
| | 1552 | 2.9 | 88 |
| | 2156 | 0.2 | 6 |
| **2** W | 0423 | 3.5 | 107 |
| | 1036 | 0.2 | 6 |
| | 1644 | 3.2 | 98 |
| | 2252 | 0.0 | 0 |
| **3** Th | 0510 | 3.6 | 110 |
| | 1120 | −0.1 | −3 |
| | 1732 | 3.6 | 110 |
| | 2344 | −0.2 | −6 |
| **4** F | 0556 | 3.7 | 113 |
| | 1203 | −0.3 | −9 |
| | 1820 | 4.0 | 122 |
| **5** Sa ● | 0035 | −0.4 | −12 |
| | 0642 | 3.7 | 113 |
| | 1245 | −0.6 | −18 |
| | 1909 | 4.4 | 134 |
| **6** Su | 0124 | −0.5 | −15 |
| | 0729 | 3.7 | 113 |
| | 1328 | −0.7 | −21 |
| | 1958 | 4.6 | 140 |
| **7** M | 0215 | −0.5 | −15 |
| | 0817 | 3.6 | 110 |
| | 1414 | −0.7 | −21 |
| | 2048 | 4.7 | 143 |
| **8** Tu | 0307 | −0.4 | −12 |
| | 0906 | 3.5 | 107 |
| | 1502 | −0.7 | −21 |
| | 2139 | 4.7 | 143 |
| **9** W | 0402 | −0.2 | −6 |
| | 0957 | 3.3 | 101 |
| | 1555 | −0.5 | −15 |
| | 2232 | 4.5 | 137 |
| **10** Th | 0501 | 0.0 | 0 |
| | 1051 | 3.2 | 98 |
| | 1654 | −0.3 | −9 |
| | 2329 | 4.2 | 128 |
| **11** F | 0604 | 0.1 | 3 |
| | 1150 | 3.0 | 91 |
| | 1758 | −0.1 | −3 |
| **12** Sa ◐ | 0033 | 4.0 | 122 |
| | 0708 | 0.3 | 9 |
| | 1258 | 2.9 | 88 |
| | 1905 | 0.0 | 0 |
| **13** Su | 0142 | 3.7 | 113 |
| | 0811 | 0.3 | 9 |
| | 1413 | 3.0 | 91 |
| | 2013 | 0.1 | 3 |
| **14** M | 0251 | 3.6 | 110 |
| | 0912 | 0.3 | 9 |
| | 1524 | 3.1 | 94 |
| | 2121 | 0.2 | 6 |
| **15** Tu | 0353 | 3.5 | 107 |
| | 1007 | 0.2 | 6 |
| | 1623 | 3.3 | 101 |
| | 2225 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0445 | 3.4 | 104 |
| | 1055 | 0.1 | 3 |
| | 1714 | 3.5 | 107 |
| | 2321 | 0.2 | 6 |
| **17** Th | 0530 | 3.4 | 104 |
| | 1136 | 0.0 | 0 |
| | 1759 | 3.7 | 113 |
| **18** F | 0010 | 0.2 | 6 |
| | 0612 | 3.3 | 101 |
| | 1213 | −0.1 | −3 |
| | 1841 | 3.9 | 119 |
| **19** Sa | 0053 | 0.1 | 3 |
| | 0651 | 3.1 | 94 |
| | 1248 | −0.1 | −3 |
| | 1919 | 4.0 | 122 |
| **20** Su ○ | 0133 | 0.1 | 3 |
| | 0729 | 3.0 | 91 |
| | 1322 | −0.1 | −3 |
| | 1957 | 4.0 | 122 |
| **21** M | 0211 | 0.2 | 6 |
| | 0807 | 2.9 | 88 |
| | 1357 | 0.0 | 0 |
| | 2034 | 4.0 | 122 |
| **22** Tu | 0249 | 0.3 | 9 |
| | 0845 | 2.8 | 85 |
| | 1433 | 0.1 | 3 |
| | 2112 | 3.9 | 119 |
| **23** W | 0329 | 0.4 | 12 |
| | 0923 | 2.8 | 85 |
| | 1512 | 0.2 | 6 |
| | 2150 | 3.8 | 116 |
| **24** Th | 0412 | 0.5 | 15 |
| | 1002 | 2.7 | 82 |
| | 1554 | 0.4 | 12 |
| | 2231 | 3.6 | 110 |
| **25** F | 0458 | 0.6 | 18 |
| | 1043 | 2.6 | 79 |
| | 1641 | 0.5 | 15 |
| | 2314 | 3.5 | 107 |
| **26** Sa | 0547 | 0.7 | 21 |
| | 1128 | 2.5 | 76 |
| | 1732 | 0.5 | 15 |
| **27** Su | 0002 | 3.4 | 104 |
| | 0636 | 0.7 | 21 |
| | 1220 | 2.5 | 76 |
| | 1828 | 0.6 | 18 |
| **28** M ◑ | 0054 | 3.3 | 101 |
| | 0725 | 0.6 | 18 |
| | 1319 | 2.6 | 79 |
| | 1925 | 0.5 | 15 |
| **29** Tu | 0150 | 3.3 | 101 |
| | 0813 | 0.5 | 15 |
| | 1420 | 2.8 | 85 |
| | 2024 | 0.5 | 15 |
| **30** W | 0245 | 3.3 | 101 |
| | 0901 | 0.2 | 6 |
| | 1518 | 3.2 | 98 |
| | 2124 | 0.3 | 9 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0338 | 3.4 | 104 |
| | 0949 | 0.0 | 0 |
| | 1611 | 3.6 | 110 |
| | 2223 | 0.1 | 3 |
| **2** F | 0428 | 3.4 | 104 |
| | 1037 | −0.3 | −9 |
| | 1702 | 4.0 | 122 |
| | 2320 | −0.1 | −3 |
| **3** Sa | 0519 | 3.4 | 104 |
| | 1124 | −0.5 | −15 |
| | 1753 | 4.4 | 134 |
| **4** Su | 0014 | −0.3 | −9 |
| | 0610 | 3.4 | 104 |
| | 1212 | −0.7 | −21 |
| | 1845 | 4.7 | 143 |
| **5** M ● | 0107 | −0.4 | −12 |
| | 0702 | 3.4 | 104 |
| | 1300 | −0.8 | −24 |
| | 1937 | 4.8 | 146 |
| **6** Tu | 0159 | −0.4 | −12 |
| | 0755 | 3.4 | 104 |
| | 1350 | −0.8 | −24 |
| | 2031 | 4.9 | 149 |
| **7** W | 0253 | −0.4 | −12 |
| | 0849 | 3.3 | 101 |
| | 1443 | −0.7 | −21 |
| | 2124 | 4.8 | 146 |
| **8** Th | 0350 | −0.2 | −6 |
| | 0943 | 3.3 | 101 |
| | 1540 | −0.6 | −18 |
| | 2219 | 4.5 | 137 |
| **9** F | 0449 | −0.1 | −3 |
| | 1040 | 3.2 | 98 |
| | 1641 | −0.3 | −9 |
| | 2315 | 4.3 | 131 |
| **10** Sa | 0550 | 0.0 | 0 |
| | 1140 | 3.1 | 94 |
| | 1746 | −0.1 | −3 |
| **11** Su ◐ | 0015 | 3.9 | 119 |
| | 0650 | 0.1 | 3 |
| | 1247 | 3.1 | 94 |
| | 1852 | 0.1 | 3 |
| **12** M | 0117 | 3.6 | 110 |
| | 0747 | 0.1 | 3 |
| | 1358 | 3.1 | 94 |
| | 1958 | 0.3 | 9 |
| **13** Tu | 0220 | 3.4 | 104 |
| | 0840 | 0.1 | 3 |
| | 1505 | 3.3 | 101 |
| | 2103 | 0.4 | 12 |
| **14** W | 0318 | 3.2 | 98 |
| | 0929 | 0.1 | 3 |
| | 1602 | 3.4 | 104 |
| | 2205 | 0.4 | 12 |
| **15** Th | 0409 | 3.1 | 94 |
| | 1014 | 0.0 | 0 |
| | 1651 | 3.6 | 110 |
| | 2302 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0455 | 2.9 | 88 |
| | 1056 | 0.0 | 0 |
| | 1734 | 3.8 | 116 |
| | 2351 | 0.4 | 12 |
| **17** Sa | 0537 | 2.8 | 85 |
| | 1134 | 0.0 | 0 |
| | 1814 | 3.9 | 119 |
| **18** Su | 0033 | 0.3 | 9 |
| | 0618 | 2.8 | 85 |
| | 1212 | 0.0 | 0 |
| | 1852 | 3.9 | 119 |
| **19** M ○ | 0112 | 0.3 | 9 |
| | 0659 | 2.7 | 82 |
| | 1249 | 0.0 | 0 |
| | 1931 | 3.9 | 119 |
| **20** Tu | 0150 | 0.3 | 9 |
| | 0739 | 2.7 | 82 |
| | 1327 | 0.0 | 0 |
| | 2010 | 3.9 | 119 |
| **21** W | 0228 | 0.3 | 9 |
| | 0820 | 2.6 | 79 |
| | 1405 | 0.1 | 3 |
| | 2049 | 3.8 | 116 |
| **22** Th | 0308 | 0.4 | 12 |
| | 0900 | 2.6 | 79 |
| | 1445 | 0.2 | 6 |
| | 2128 | 3.8 | 116 |
| **23** F | 0350 | 0.4 | 12 |
| | 0940 | 2.6 | 79 |
| | 1528 | 0.3 | 9 |
| | 2207 | 3.7 | 113 |
| **24** Sa | 0434 | 0.4 | 12 |
| | 1021 | 2.6 | 79 |
| | 1614 | 0.3 | 9 |
| | 2248 | 3.6 | 110 |
| **25** Su | 0518 | 0.4 | 12 |
| | 1105 | 2.6 | 79 |
| | 1704 | 0.4 | 12 |
| | 2330 | 3.5 | 107 |
| **26** M | 0603 | 0.4 | 12 |
| | 1154 | 2.7 | 82 |
| | 1758 | 0.5 | 15 |
| **27** Tu ◑ | 0016 | 3.4 | 104 |
| | 0648 | 0.3 | 9 |
| | 1249 | 2.8 | 85 |
| | 1855 | 0.4 | 12 |
| **28** W | 0107 | 3.3 | 101 |
| | 0733 | 0.1 | 3 |
| | 1347 | 3.1 | 94 |
| | 1954 | 0.4 | 12 |
| **29** Th | 0201 | 3.2 | 98 |
| | 0819 | −0.1 | −3 |
| | 1445 | 3.4 | 104 |
| | 2055 | 0.3 | 9 |
| **30** F | 0256 | 3.2 | 98 |
| | 0908 | −0.3 | −9 |
| | 1541 | 3.8 | 116 |
| | 2157 | 0.1 | 3 |
| **31** Sa | 0351 | 3.1 | 94 |
| | 0959 | −0.5 | −15 |
| | 1636 | 4.2 | 128 |
| | 2257 | 0.0 | 0 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0447 | 3.1 | 94 |
| | 1051 | −0.7 | −21 |
| | 1730 | 4.5 | 137 |
| | 2355 | −0.2 | −6 |
| **2** M | 0542 | 3.2 | 98 |
| | 1145 | −0.9 | −27 |
| | 1825 | 4.7 | 143 |
| **3** Tu ● | 0050 | −0.3 | −9 |
| | 0639 | 3.2 | 98 |
| | 1238 | −0.9 | −27 |
| | 1920 | 4.8 | 146 |
| **4** W | 0144 | −0.4 | −12 |
| | 0736 | 3.2 | 98 |
| | 1332 | −0.9 | −27 |
| | 2016 | 4.8 | 146 |
| **5** Th | 0239 | −0.4 | −12 |
| | 0833 | 3.2 | 98 |
| | 1428 | −0.8 | −24 |
| | 2110 | 4.6 | 140 |
| **6** F | 0335 | −0.3 | −9 |
| | 0930 | 3.2 | 98 |
| | 1525 | −0.6 | −18 |
| | 2204 | 4.4 | 134 |
| **7** Sa | 0432 | −0.2 | −6 |
| | 1027 | 3.2 | 98 |
| | 1626 | −0.4 | −12 |
| | 2256 | 4.1 | 125 |
| **8** Su | 0528 | −0.2 | −6 |
| | 1125 | 3.2 | 98 |
| | 1729 | −0.1 | −3 |
| | 2349 | 3.8 | 116 |
| **9** M | 0623 | −0.1 | −3 |
| | 1227 | 3.2 | 98 |
| | 1832 | 0.1 | 3 |
| **10** Tu ◐ | 0044 | 3.4 | 104 |
| | 0713 | −0.1 | −3 |
| | 1332 | 3.2 | 98 |
| | 1935 | 0.3 | 9 |
| **11** W | 0140 | 3.1 | 94 |
| | 0801 | −0.1 | −3 |
| | 1435 | 3.3 | 101 |
| | 2036 | 0.5 | 15 |
| **12** Th | 0235 | 2.9 | 88 |
| | 0846 | 0.0 | 0 |
| | 1531 | 3.4 | 104 |
| | 2137 | 0.6 | 18 |
| **13** F | 0327 | 2.7 | 82 |
| | 0930 | 0.0 | 0 |
| | 1620 | 3.5 | 107 |
| | 2234 | 0.6 | 18 |
| **14** Sa | 0415 | 2.6 | 79 |
| | 1014 | 0.0 | 0 |
| | 1703 | 3.6 | 110 |
| | 2324 | 0.5 | 15 |
| **15** Su | 0501 | 2.5 | 76 |
| | 1057 | 0.0 | 0 |
| | 1745 | 3.7 | 113 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0008 | 0.5 | 15 |
| | 0545 | 2.5 | 76 |
| | 1140 | 0.0 | 0 |
| | 1825 | 3.8 | 116 |
| **17** Tu | 0049 | 0.4 | 12 |
| | 0628 | 2.5 | 76 |
| | 1221 | 0.0 | 0 |
| | 1906 | 3.8 | 116 |
| **18** W ○ | 0127 | 0.3 | 9 |
| | 0712 | 2.5 | 76 |
| | 1302 | 0.0 | 0 |
| | 1947 | 3.8 | 116 |
| **19** Th | 0205 | 0.3 | 9 |
| | 0754 | 2.6 | 79 |
| | 1342 | 0.0 | 0 |
| | 2027 | 3.8 | 116 |
| **20** F | 0245 | 0.3 | 9 |
| | 0836 | 2.6 | 79 |
| | 1423 | 0.0 | 0 |
| | 2105 | 3.8 | 116 |
| **21** Sa | 0324 | 0.3 | 9 |
| | 0918 | 2.6 | 79 |
| | 1505 | 0.1 | 3 |
| | 2143 | 3.7 | 113 |
| **22** Su | 0405 | 0.2 | 6 |
| | 0959 | 2.7 | 82 |
| | 1551 | 0.2 | 6 |
| | 2221 | 3.6 | 110 |
| **23** M | 0446 | 0.2 | 6 |
| | 1043 | 2.8 | 85 |
| | 1640 | 0.3 | 9 |
| | 2301 | 3.5 | 107 |
| **24** Tu | 0528 | 0.1 | 3 |
| | 1130 | 2.9 | 88 |
| | 1734 | 0.3 | 9 |
| | 2344 | 3.4 | 104 |
| **25** W | 0611 | 0.0 | 0 |
| | 1221 | 3.1 | 94 |
| | 1831 | 0.4 | 12 |
| **26** Th ◑ | 0031 | 3.2 | 98 |
| | 0656 | −0.2 | −6 |
| | 1317 | 3.4 | 104 |
| | 1930 | 0.4 | 12 |
| **27** F | 0125 | 3.1 | 94 |
| | 0743 | −0.3 | −9 |
| | 1416 | 3.7 | 113 |
| | 2032 | 0.3 | 9 |
| **28** Sa | 0223 | 3.0 | 91 |
| | 0834 | −0.5 | −15 |
| | 1516 | 4.0 | 122 |
| | 2135 | 0.2 | 6 |
| **29** Su | 0322 | 2.9 | 88 |
| | 0929 | −0.6 | −18 |
| | 1614 | 4.2 | 128 |
| | 2237 | 0.1 | 3 |
| **30** M | 0422 | 3.0 | 91 |
| | 1027 | −0.7 | −21 |
| | 1712 | 4.5 | 137 |
| | 2338 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Port Canaveral (Trident Pier), Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0521 | 3.0 | 91 |
| | 1125 | −0.8 | −24 |
| | 1809 | 4.6 | 140 |
| **2** W ● | 0035 | −0.2 | −6 |
| | 0620 | 3.1 | 94 |
| | 1222 | −0.9 | −27 |
| | 1906 | 4.6 | 140 |
| **3** Th | 0129 | −0.3 | −9 |
| | 0720 | 3.2 | 98 |
| | 1318 | −0.9 | −27 |
| | 2001 | 4.6 | 140 |
| **4** F | 0222 | −0.3 | −9 |
| | 0817 | 3.3 | 101 |
| | 1414 | −0.8 | −24 |
| | 2054 | 4.5 | 137 |
| **5** Sa | 0314 | −0.3 | −9 |
| | 0914 | 3.4 | 104 |
| | 1510 | −0.6 | −18 |
| | 2144 | 4.3 | 131 |
| **6** Su | 0406 | −0.3 | −9 |
| | 1008 | 3.4 | 104 |
| | 1607 | −0.3 | −9 |
| | 2231 | 4.0 | 122 |
| **7** M | 0457 | −0.2 | −6 |
| | 1103 | 3.4 | 104 |
| | 1707 | 0.0 | 0 |
| | 2318 | 3.6 | 110 |
| **8** Tu | 0545 | −0.2 | −6 |
| | 1158 | 3.4 | 104 |
| | 1806 | 0.3 | 9 |
| **9** W ◐ | 0006 | 3.3 | 101 |
| | 0632 | −0.1 | −3 |
| | 1255 | 3.4 | 104 |
| | 1905 | 0.5 | 15 |
| **10** Th | 0055 | 2.9 | 88 |
| | 0717 | 0.0 | 0 |
| | 1354 | 3.4 | 104 |
| | 2003 | 0.7 | 21 |
| **11** F | 0148 | 2.7 | 82 |
| | 0801 | 0.1 | 3 |
| | 1451 | 3.4 | 104 |
| | 2101 | 0.7 | 21 |
| **12** Sa | 0243 | 2.5 | 76 |
| | 0847 | 0.1 | 3 |
| | 1543 | 3.5 | 107 |
| | 2157 | 0.8 | 24 |
| **13** Su | 0336 | 2.5 | 76 |
| | 0934 | 0.2 | 6 |
| | 1630 | 3.5 | 107 |
| | 2250 | 0.7 | 21 |
| **14** M | 0426 | 2.5 | 76 |
| | 1023 | 0.2 | 6 |
| | 1715 | 3.6 | 110 |
| | 2338 | 0.6 | 18 |
| **15** Tu | 0513 | 2.5 | 76 |
| | 1111 | 0.1 | 3 |
| | 1758 | 3.7 | 113 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0020 | 0.5 | 15 |
| | 0559 | 2.6 | 79 |
| | 1156 | 0.0 | 0 |
| | 1840 | 3.8 | 116 |
| **17** Th | 0100 | 0.4 | 12 |
| | 0644 | 2.7 | 82 |
| | 1239 | 0.0 | 0 |
| | 1921 | 3.9 | 119 |
| **18** F ○ | 0138 | 0.3 | 9 |
| | 0728 | 2.8 | 85 |
| | 1321 | 0.0 | 0 |
| | 2001 | 3.9 | 119 |
| **19** Sa | 0215 | 0.3 | 9 |
| | 0811 | 2.9 | 88 |
| | 1402 | 0.0 | 0 |
| | 2039 | 3.9 | 119 |
| **20** Su | 0253 | 0.2 | 6 |
| | 0853 | 3.0 | 91 |
| | 1445 | 0.0 | 0 |
| | 2116 | 3.9 | 119 |
| **21** M | 0331 | 0.1 | 3 |
| | 0935 | 3.1 | 94 |
| | 1530 | 0.1 | 3 |
| | 2154 | 3.8 | 116 |
| **22** Tu | 0410 | 0.0 | 0 |
| | 1019 | 3.3 | 101 |
| | 1620 | 0.2 | 6 |
| | 2233 | 3.6 | 110 |
| **23** W | 0451 | 0.0 | 0 |
| | 1105 | 3.5 | 107 |
| | 1714 | 0.3 | 9 |
| | 2316 | 3.4 | 104 |
| **24** Th | 0536 | −0.1 | −3 |
| | 1155 | 3.6 | 110 |
| | 1812 | 0.4 | 12 |
| **25** F ◑ | 0003 | 3.2 | 98 |
| | 0623 | −0.2 | −6 |
| | 1251 | 3.8 | 116 |
| | 1912 | 0.5 | 15 |
| **26** Sa | 0058 | 3.1 | 94 |
| | 0715 | −0.3 | −9 |
| | 1353 | 3.9 | 119 |
| | 2014 | 0.5 | 15 |
| **27** Su | 0159 | 3.0 | 91 |
| | 0811 | −0.3 | −9 |
| | 1457 | 4.1 | 125 |
| | 2118 | 0.4 | 12 |
| **28** M | 0303 | 3.0 | 91 |
| | 0910 | −0.4 | −12 |
| | 1559 | 4.3 | 131 |
| | 2222 | 0.4 | 12 |
| **29** Tu | 0407 | 3.0 | 91 |
| | 1012 | −0.5 | −15 |
| | 1700 | 4.4 | 134 |
| | 2324 | 0.2 | 6 |
| **30** W | 0508 | 3.2 | 98 |
| | 1113 | −0.6 | −18 |
| | 1757 | 4.5 | 137 |
| **31** Th | 0020 | 0.1 | 3 |
| | 0608 | 3.3 | 101 |
| | 1211 | −0.6 | −18 |
| | 1852 | 4.6 | 140 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0111 | −0.1 | −3 |
| | 0706 | 3.5 | 107 |
| | 1307 | −0.6 | −18 |
| | 1944 | 4.5 | 137 |
| **2** Sa | 0159 | −0.1 | −3 |
| | 0801 | 3.6 | 110 |
| | 1400 | −0.5 | −15 |
| | 2032 | 4.4 | 134 |
| **3** Su | 0246 | −0.2 | −6 |
| | 0854 | 3.7 | 113 |
| | 1452 | −0.2 | −6 |
| | 2118 | 4.2 | 128 |
| **4** M | 0331 | −0.1 | −3 |
| | 0944 | 3.8 | 116 |
| | 1545 | 0.0 | 0 |
| | 2201 | 3.9 | 119 |
| **5** Tu | 0416 | 0.0 | 0 |
| | 1033 | 3.8 | 116 |
| | 1640 | 0.3 | 9 |
| | 2243 | 3.5 | 107 |
| **6** W | 0501 | 0.1 | 3 |
| | 1122 | 3.7 | 113 |
| | 1735 | 0.6 | 18 |
| | 2326 | 3.2 | 98 |
| **7** Th | 0545 | 0.2 | 6 |
| | 1212 | 3.6 | 110 |
| | 1830 | 0.8 | 24 |
| **8** F ◐ | 0012 | 2.9 | 88 |
| | 0631 | 0.3 | 9 |
| | 1306 | 3.5 | 107 |
| | 1925 | 0.9 | 27 |
| **9** Sa | 0103 | 2.7 | 82 |
| | 0718 | 0.4 | 12 |
| | 1403 | 3.5 | 107 |
| | 2020 | 1.0 | 30 |
| **10** Su | 0159 | 2.6 | 79 |
| | 0807 | 0.5 | 15 |
| | 1501 | 3.5 | 107 |
| | 2116 | 1.1 | 34 |
| **11** M | 0258 | 2.6 | 79 |
| | 0859 | 0.5 | 15 |
| | 1555 | 3.6 | 110 |
| | 2211 | 1.0 | 30 |
| **12** Tu | 0352 | 2.7 | 82 |
| | 0952 | 0.5 | 15 |
| | 1643 | 3.7 | 113 |
| | 2301 | 0.9 | 27 |
| **13** W | 0442 | 2.8 | 85 |
| | 1043 | 0.4 | 12 |
| | 1727 | 3.8 | 116 |
| | 2345 | 0.8 | 24 |
| **14** Th | 0529 | 2.9 | 88 |
| | 1131 | 0.3 | 9 |
| | 1809 | 4.0 | 122 |
| **15** F | 0025 | 0.6 | 18 |
| | 0615 | 3.1 | 94 |
| | 1215 | 0.2 | 6 |
| | 1849 | 4.1 | 125 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0103 | 0.5 | 15 |
| | 0659 | 3.3 | 101 |
| | 1258 | 0.1 | 3 |
| | 1929 | 4.1 | 125 |
| **17** Su | 0139 | 0.3 | 9 |
| | 0743 | 3.5 | 107 |
| | 1341 | 0.1 | 3 |
| | 2008 | 4.1 | 125 |
| **18** M | 0215 | 0.2 | 6 |
| | 0826 | 3.7 | 113 |
| | 1425 | 0.1 | 3 |
| | 2047 | 4.0 | 122 |
| **19** Tu | 0253 | 0.1 | 3 |
| | 0909 | 3.9 | 119 |
| | 1512 | 0.2 | 6 |
| | 2126 | 3.9 | 119 |
| **20** W | 0333 | 0.0 | 0 |
| | 0954 | 4.0 | 122 |
| | 1603 | 0.3 | 9 |
| | 2208 | 3.8 | 116 |
| **21** Th | 0417 | 0.0 | 0 |
| | 1041 | 4.2 | 128 |
| | 1658 | 0.5 | 15 |
| | 2253 | 3.6 | 110 |
| **22** F | 0505 | 0.0 | 0 |
| | 1133 | 4.2 | 128 |
| | 1757 | 0.6 | 18 |
| | 2343 | 3.4 | 104 |
| **23** Sa ◑ | 0558 | 0.1 | 3 |
| | 1231 | 4.2 | 128 |
| | 1858 | 0.7 | 21 |
| **24** Su | 0040 | 3.2 | 98 |
| | 0655 | 0.1 | 3 |
| | 1335 | 4.2 | 128 |
| | 2002 | 0.8 | 24 |
| **25** M | 0146 | 3.2 | 98 |
| | 0756 | 0.1 | 3 |
| | 1444 | 4.3 | 131 |
| | 2106 | 0.8 | 24 |
| **26** Tu | 0255 | 3.2 | 98 |
| | 0900 | 0.0 | 0 |
| | 1549 | 4.4 | 134 |
| | 2210 | 0.7 | 21 |
| **27** W | 0400 | 3.4 | 104 |
| | 1004 | 0.0 | 0 |
| | 1649 | 4.5 | 137 |
| | 2310 | 0.5 | 15 |
| **28** Th | 0502 | 3.6 | 110 |
| | 1106 | −0.1 | −3 |
| | 1744 | 4.5 | 137 |
| **29** F | 0002 | 0.4 | 12 |
| | 0559 | 3.8 | 116 |
| | 1203 | −0.1 | −3 |
| | 1834 | 4.5 | 137 |
| **30** Sa ● | 0049 | 0.2 | 6 |
| | 0652 | 4.0 | 122 |
| | 1256 | −0.1 | −3 |
| | 1922 | 4.4 | 134 |
| **31** Su | 0132 | 0.1 | 3 |
| | 0743 | 4.1 | 125 |
| | 1345 | 0.0 | 0 |
| | 2006 | 4.3 | 131 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0212 | 0.1 | 3 |
| | 0831 | 4.2 | 128 |
| | 1433 | 0.2 | 6 |
| | 2048 | 4.1 | 125 |
| **2** Tu | 0252 | 0.2 | 6 |
| | 0916 | 4.2 | 128 |
| | 1521 | 0.4 | 12 |
| | 2129 | 3.8 | 116 |
| **3** W | 0332 | 0.3 | 9 |
| | 0959 | 4.2 | 128 |
| | 1610 | 0.7 | 21 |
| | 2208 | 3.6 | 110 |
| **4** Th | 0414 | 0.5 | 15 |
| | 1043 | 4.1 | 125 |
| | 1700 | 0.9 | 27 |
| | 2249 | 3.3 | 101 |
| **5** F | 0458 | 0.6 | 18 |
| | 1128 | 3.9 | 119 |
| | 1752 | 1.1 | 34 |
| | 2332 | 3.1 | 94 |
| **6** Sa | 0545 | 0.8 | 24 |
| | 1218 | 3.8 | 116 |
| | 1845 | 1.2 | 37 |
| **7** Su ◐ | 0021 | 2.9 | 88 |
| | 0636 | 0.9 | 27 |
| | 1314 | 3.7 | 113 |
| | 1940 | 1.3 | 40 |
| **8** M | 0118 | 2.9 | 88 |
| | 0730 | 0.9 | 27 |
| | 1416 | 3.7 | 113 |
| | 2034 | 1.4 | 43 |
| **9** Tu | 0220 | 2.9 | 88 |
| | 0824 | 0.9 | 27 |
| | 1514 | 3.8 | 116 |
| | 2128 | 1.3 | 40 |
| **10** W | 0319 | 3.0 | 91 |
| | 0919 | 0.9 | 27 |
| | 1605 | 3.9 | 119 |
| | 2219 | 1.2 | 37 |
| **11** Th | 0412 | 3.2 | 98 |
| | 1013 | 0.7 | 21 |
| | 1650 | 4.0 | 122 |
| | 2303 | 1.0 | 30 |
| **12** F | 0459 | 3.4 | 104 |
| | 1103 | 0.6 | 18 |
| | 1731 | 4.2 | 128 |
| | 2344 | 0.8 | 24 |
| **13** Sa | 0544 | 3.7 | 113 |
| | 1150 | 0.5 | 15 |
| | 1812 | 4.2 | 128 |
| **14** Su | 0022 | 0.5 | 15 |
| | 0629 | 4.0 | 122 |
| | 1235 | 0.4 | 12 |
| | 1853 | 4.3 | 131 |
| **15** M ○ | 0059 | 0.3 | 9 |
| | 0713 | 4.2 | 128 |
| | 1320 | 0.3 | 9 |
| | 1934 | 4.3 | 131 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0137 | 0.2 | 6 |
| | 0758 | 4.5 | 137 |
| | 1406 | 0.3 | 9 |
| | 2017 | 4.2 | 128 |
| **17** W | 0217 | 0.1 | 3 |
| | 0844 | 4.7 | 143 |
| | 1455 | 0.4 | 12 |
| | 2100 | 4.1 | 125 |
| **18** Th | 0300 | 0.1 | 3 |
| | 0931 | 4.8 | 146 |
| | 1547 | 0.5 | 15 |
| | 2146 | 3.9 | 119 |
| **19** F | 0347 | 0.1 | 3 |
| | 1020 | 4.8 | 146 |
| | 1643 | 0.6 | 18 |
| | 2235 | 3.7 | 113 |
| **20** Sa | 0440 | 0.2 | 6 |
| | 1114 | 4.7 | 143 |
| | 1744 | 0.8 | 24 |
| | 2329 | 3.6 | 110 |
| **21** Su | 0539 | 0.3 | 9 |
| | 1215 | 4.6 | 140 |
| | 1847 | 0.9 | 27 |
| **22** M ◑ | 0030 | 3.5 | 107 |
| | 0642 | 0.4 | 12 |
| | 1322 | 4.5 | 137 |
| | 1952 | 1.0 | 30 |
| **23** Tu | 0140 | 3.4 | 104 |
| | 0748 | 0.5 | 15 |
| | 1433 | 4.4 | 134 |
| | 2056 | 0.9 | 27 |
| **24** W | 0252 | 3.6 | 110 |
| | 0854 | 0.5 | 15 |
| | 1538 | 4.4 | 134 |
| | 2156 | 0.8 | 24 |
| **25** Th | 0358 | 3.8 | 116 |
| | 1000 | 0.4 | 12 |
| | 1635 | 4.4 | 134 |
| | 2251 | 0.7 | 21 |
| **26** F | 0456 | 4.0 | 122 |
| | 1100 | 0.4 | 12 |
| | 1726 | 4.4 | 134 |
| | 2339 | 0.5 | 15 |
| **27** Sa | 0549 | 4.2 | 128 |
| | 1155 | 0.4 | 12 |
| | 1812 | 4.3 | 131 |
| **28** Su | 0021 | 0.4 | 12 |
| | 0637 | 4.4 | 134 |
| | 1244 | 0.4 | 12 |
| | 1856 | 4.2 | 128 |
| **29** M ● | 0100 | 0.4 | 12 |
| | 0722 | 4.6 | 140 |
| | 1330 | 0.5 | 15 |
| | 1937 | 4.1 | 125 |
| **30** Tu | 0137 | 0.4 | 12 |
| | 0805 | 4.6 | 140 |
| | 1413 | 0.6 | 18 |
| | 2017 | 3.9 | 119 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Port Canaveral (Trident Pier), Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 W | 0213 | 0.5 / 15 | 16 Th | 0147 | 0.0 / 0 |
| | 0846 | 4.6 / 140 | | 0821 | 5.2 / 158 |
| | 1456 | 0.8 / 24 | | 1438 | 0.4 / 12 |
| | 2057 | 3.7 / 113 | | 2037 | 4.0 / 122 |
| 2 Th | 0251 | 0.6 / 18 | 17 F | 0233 | 0.0 / 0 |
| | 0926 | 4.5 / 137 | | 0911 | 5.2 / 158 |
| | 1540 | 0.9 / 27 | | 1532 | 0.5 / 15 |
| | 2136 | 3.5 / 107 | | 2127 | 3.9 / 119 |
| 3 F | 0331 | 0.8 / 24 | 18 Sa | 0325 | 0.1 / 3 |
| | 1007 | 4.3 / 131 | | 1004 | 5.1 / 155 |
| | 1626 | 1.1 / 34 | | 1629 | 0.6 / 18 |
| | 2216 | 3.4 / 104 | | 2220 | 3.8 / 116 |
| 4 Sa | 0414 | 0.9 / 27 | 19 Su | 0422 | 0.2 / 6 |
| | 1050 | 4.2 / 128 | | 1059 | 4.9 / 149 |
| | 1716 | 1.3 / 40 | | 1731 | 0.8 / 24 |
| | 2258 | 3.2 / 98 | | 2317 | 3.7 / 113 |
| 5 Su | 0503 | 1.1 / 34 | 20 M | 0525 | 0.4 / 12 |
| | 1136 | 4.0 / 122 | | 1200 | 4.7 / 143 |
| | 1808 | 1.4 / 43 | | 1835 | 0.9 / 27 |
| | 2345 | 3.1 / 94 | | | |
| 6 M | 0556 | 1.2 / 37 | 21 Tu ◑ | 0022 | 3.6 / 110 |
| | 1229 | 3.9 / 119 | | 0632 | 0.5 / 15 |
| | 1901 | 1.5 / 46 | | 1307 | 4.5 / 137 |
| | | | | 1938 | 0.9 / 27 |
| 7 Tu ◐ | 0040 | 3.0 / 91 | 22 W | 0134 | 3.6 / 110 |
| | 0652 | 1.2 / 37 | | 0740 | 0.7 / 21 |
| | 1327 | 3.8 / 116 | | 1415 | 4.3 / 131 |
| | 1953 | 1.4 / 43 | | 2038 | 0.8 / 24 |
| 8 W | 0142 | 3.1 / 94 | 23 Th | 0247 | 3.8 / 116 |
| | 0748 | 1.2 / 37 | | 0847 | 0.7 / 21 |
| | 1426 | 3.8 / 116 | | 1519 | 4.2 / 128 |
| | 2044 | 1.3 / 40 | | 2134 | 0.7 / 21 |
| 9 Th | 0244 | 3.2 / 98 | 24 F | 0352 | 4.0 / 122 |
| | 0844 | 1.1 / 34 | | 0952 | 0.7 / 21 |
| | 1518 | 3.9 / 119 | | 1614 | 4.1 / 125 |
| | 2132 | 1.2 / 37 | | 2225 | 0.6 / 18 |
| 10 F | 0338 | 3.5 / 107 | 25 Sa | 0446 | 4.2 / 128 |
| | 0939 | 1.0 / 30 | | 1053 | 0.7 / 21 |
| | 1605 | 4.0 / 122 | | 1703 | 4.0 / 122 |
| | 2217 | 0.9 / 27 | | 2310 | 0.5 / 15 |
| 11 Sa | 0427 | 3.8 / 116 | 26 Su | 0535 | 4.4 / 134 |
| | 1032 | 0.8 / 24 | | 1146 | 0.7 / 21 |
| | 1649 | 4.1 / 125 | | 1747 | 3.9 / 119 |
| | 2259 | 0.7 / 21 | | 2350 | 0.4 / 12 |
| 12 Su | 0513 | 4.2 / 128 | 27 M | 0619 | 4.6 / 140 |
| | 1123 | 0.6 / 18 | | 1232 | 0.7 / 21 |
| | 1733 | 4.2 / 128 | | 1829 | 3.8 / 116 |
| | 2340 | 0.4 / 12 | | | |
| 13 M | 0558 | 4.5 / 137 | 28 Tu ● | 0028 | 0.4 / 12 |
| | 1212 | 0.5 / 15 | | 0700 | 4.6 / 140 |
| | 1817 | 4.2 / 128 | | 1314 | 0.7 / 21 |
| | | | | 1909 | 3.7 / 113 |
| 14 Tu ○ | 0021 | 0.2 / 6 | 29 W | 0104 | 0.4 / 12 |
| | 0645 | 4.8 / 146 | | 0739 | 4.6 / 140 |
| | 1300 | 0.4 / 12 | | 1354 | 0.7 / 21 |
| | 1902 | 4.2 / 128 | | 1949 | 3.6 / 110 |
| 15 W | 0103 | 0.0 / 0 | 30 Th | 0140 | 0.5 / 15 |
| | 0732 | 5.1 / 155 | | 0818 | 4.6 / 140 |
| | 1348 | 0.3 / 9 | | 1433 | 0.8 / 24 |
| | 1949 | 4.1 / 125 | | 2028 | 3.4 / 104 |
| | | | 31 F | 0217 | 0.6 / 18 |
| | | | | 0857 | 4.5 / 137 |
| | | | | 1514 | 0.9 / 27 |
| | | | | 2107 | 3.3 / 101 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Sa | 0257 | 0.7 / 21 | 16 Su | 0308 | −0.2 / −6 |
| | 0937 | 4.3 / 131 | | 0949 | 5.1 / 155 |
| | 1557 | 1.1 / 34 | | 1615 | 0.4 / 12 |
| | 2147 | 3.2 / 98 | | 2207 | 3.7 / 113 |
| 2 Su | 0339 | 0.9 / 27 | 17 M | 0408 | 0.0 / 0 |
| | 1018 | 4.2 / 128 | | 1044 | 4.8 / 146 |
| | 1643 | 1.2 / 37 | | 1715 | 0.4 / 12 |
| | 2229 | 3.1 / 94 | | 2306 | 3.6 / 110 |
| 3 M | 0426 | 1.0 / 30 | 18 Tu | 0512 | 0.2 / 6 |
| | 1102 | 4.0 / 122 | | 1142 | 4.5 / 137 |
| | 1733 | 1.2 / 37 | | 1816 | 0.5 / 15 |
| | 2314 | 3.1 / 94 | | | |
| 4 Tu | 0518 | 1.1 / 34 | 19 W | 0010 | 3.6 / 110 |
| | 1148 | 3.9 / 119 | | 0619 | 0.4 / 12 |
| | 1822 | 1.3 / 40 | ◑ | 1243 | 4.2 / 128 |
| | | | | 1915 | 0.5 / 15 |
| 5 W ◐ | 0005 | 3.0 / 91 | 20 Th | 0121 | 3.6 / 110 |
| | 0613 | 1.2 / 37 | | 0726 | 0.6 / 18 |
| | 1239 | 3.8 / 116 | | 1347 | 3.9 / 119 |
| | 1911 | 1.2 / 37 | | 2011 | 0.5 / 15 |
| 6 Th | 0103 | 3.1 / 94 | 21 F | 0233 | 3.7 / 113 |
| | 0710 | 1.2 / 37 | | 0834 | 0.7 / 21 |
| | 1333 | 3.7 / 113 | | 1450 | 3.7 / 113 |
| | 1958 | 1.1 / 34 | | 2103 | 0.4 / 12 |
| 7 F | 0204 | 3.3 / 101 | 22 Sa | 0336 | 3.9 / 119 |
| | 0807 | 1.1 / 34 | | 0939 | 0.8 / 24 |
| | 1427 | 3.7 / 113 | | 1546 | 3.5 / 107 |
| | 2044 | 0.9 / 27 | | 2152 | 0.4 / 12 |
| 8 Sa | 0301 | 3.6 / 110 | 23 Su | 0429 | 4.1 / 125 |
| | 0905 | 1.0 / 30 | | 1040 | 0.8 / 24 |
| | 1518 | 3.8 / 116 | | 1635 | 3.4 / 104 |
| | 2129 | 0.6 / 18 | | 2237 | 0.3 / 9 |
| 9 Su | 0353 | 4.0 / 122 | 24 M | 0516 | 4.2 / 128 |
| | 1002 | 0.8 / 24 | | 1133 | 0.7 / 21 |
| | 1607 | 3.8 / 116 | | 1720 | 3.3 / 101 |
| | 2215 | 0.4 / 12 | | 2319 | 0.3 / 9 |
| 10 M | 0442 | 4.4 / 134 | 25 Tu | 0558 | 4.3 / 131 |
| | 1057 | 0.6 / 18 | | 1218 | 0.7 / 21 |
| | 1655 | 3.8 / 116 | | 1803 | 3.2 / 98 |
| | 2301 | 0.1 / 3 | | 2358 | 0.3 / 9 |
| 11 Tu | 0530 | 4.7 / 143 | 26 W | 0638 | 4.3 / 131 |
| | 1150 | 0.4 / 12 | | 1258 | 0.6 / 18 |
| | 1744 | 3.9 / 119 | | 1843 | 3.2 / 98 |
| | 2347 | −0.1 / −3 | | | |
| 12 W | 0619 | 5.0 / 152 | 27 Th | 0036 | 0.3 / 9 |
| | 1241 | 0.2 / 6 | | 0717 | 4.3 / 131 |
| | 1834 | 3.9 / 119 | | 1335 | 0.6 / 18 |
| | | | ● | 1923 | 3.1 / 94 |
| 13 Th ○ | 0034 | −0.3 / −9 | 28 F | 0114 | 0.3 / 9 |
| | 0710 | 5.2 / 158 | | 0756 | 4.3 / 131 |
| | 1332 | 0.2 / 6 | | 1412 | 0.6 / 18 |
| | 1925 | 3.9 / 119 | | 2003 | 3.1 / 94 |
| 14 F | 0123 | −0.4 / −12 | 29 Sa | 0152 | 0.4 / 12 |
| | 0802 | 5.3 / 162 | | 0834 | 4.2 / 128 |
| | 1423 | 0.2 / 6 | | 1451 | 0.7 / 21 |
| | 2018 | 3.8 / 116 | | 2043 | 3.0 / 91 |
| 15 Sa | 0214 | −0.3 / −9 | 30 Su | 0231 | 0.4 / 12 |
| | 0855 | 5.2 / 158 | | 0913 | 4.1 / 125 |
| | 1517 | 0.2 / 6 | | 1531 | 0.7 / 21 |
| | 2111 | 3.8 / 116 | | 2122 | 3.0 / 91 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 M | 0312 | 0.5 / 15 | 16 Tu | 0353 | −0.4 / −12 |
| | 0952 | 4.0 / 122 | | 1026 | 4.5 / 137 |
| | 1614 | 0.8 / 24 | | 1652 | 0.0 / 0 |
| | 2203 | 2.9 / 88 | | 2251 | 3.5 / 107 |
| 2 Tu | 0356 | 0.6 / 18 | 17 W | 0455 | −0.1 / −3 |
| | 1031 | 3.9 / 119 | | 1118 | 4.1 / 125 |
| | 1658 | 0.8 / 24 | | 1748 | 0.0 / 0 |
| | 2246 | 2.9 / 88 | | 2351 | 3.5 / 107 |
| 3 W | 0445 | 0.7 / 21 | 18 Th | 0600 | 0.2 / 6 |
| | 1112 | 3.7 / 113 | | 1213 | 3.7 / 113 |
| | 1742 | 0.8 / 24 | | 1842 | 0.0 / 0 |
| | 2333 | 2.9 / 88 | | | |
| 4 Th | 0537 | 0.8 / 24 | 19 F | 0057 | 3.5 / 107 |
| | 1155 | 3.6 / 110 | | 0705 | 0.4 / 12 |
| | 1827 | 0.7 / 21 | | 1310 | 3.4 / 104 |
| | | | ◑ | 1934 | 0.1 / 3 |
| 5 F ◐ | 0026 | 3.0 / 91 | 20 Sa | 0205 | 3.5 / 107 |
| | 0633 | 0.9 / 27 | | 0811 | 0.6 / 18 |
| | 1244 | 3.5 / 107 | | 1411 | 3.1 / 94 |
| | 1911 | 0.5 / 15 | | 2024 | 0.1 / 3 |
| 6 Sa | 0123 | 3.2 / 98 | 21 Su | 0308 | 3.6 / 110 |
| | 0732 | 0.8 / 24 | | 0917 | 0.7 / 21 |
| | 1336 | 3.3 / 101 | | 1510 | 2.9 / 88 |
| | 1957 | 0.4 / 12 | | 2113 | 0.2 / 6 |
| 7 Su | 0221 | 3.5 / 107 | 22 M | 0404 | 3.7 / 113 |
| | 0832 | 0.7 / 21 | | 1019 | 0.7 / 21 |
| | 1432 | 3.3 / 101 | | 1605 | 2.7 / 82 |
| | 2045 | 0.2 / 6 | | 2201 | 0.2 / 6 |
| 8 M | 0318 | 3.9 / 119 | 23 Tu | 0452 | 3.8 / 116 |
| | 0932 | 0.6 / 18 | | 1114 | 0.6 / 18 |
| | 1527 | 3.3 / 101 | | 1653 | 2.7 / 82 |
| | 2135 | −0.1 / −3 | | 2248 | 0.1 / 3 |
| 9 Tu | 0412 | 4.3 / 131 | 24 W | 0535 | 3.8 / 116 |
| | 1032 | 0.4 / 12 | | 1200 | 0.5 / 15 |
| | 1622 | 3.3 / 101 | | 1738 | 2.7 / 82 |
| | 2227 | −0.3 / −9 | | 2332 | 0.1 / 3 |
| 10 W | 0506 | 4.6 / 140 | 25 Th | 0616 | 3.9 / 119 |
| | 1129 | 0.2 / 6 | | 1239 | 0.5 / 15 |
| | 1716 | 3.4 / 104 | | 1820 | 2.7 / 82 |
| | 2320 | −0.5 / −15 | | | |
| 11 Th | 0559 | 4.8 / 146 | 26 F | 0014 | 0.1 / 3 |
| | 1223 | 0.0 / 0 | | 0656 | 3.9 / 119 |
| | 1811 | 3.4 / 104 | | 1316 | 0.4 / 12 |
| | | | | 1901 | 2.8 / 85 |
| 12 F | 0013 | −0.7 / −21 | 27 Sa | 0053 | 0.0 / 0 |
| | 0653 | 5.0 / 152 | | 0735 | 3.9 / 119 |
| | 1316 | −0.1 / −3 | | 1351 | 0.4 / 12 |
| ○ | 1906 | 3.5 / 107 | ● | 1941 | 2.8 / 85 |
| 13 Sa | 0106 | −0.8 / −24 | 28 Su | 0132 | 0.0 / 0 |
| | 0747 | 5.0 / 152 | | 0813 | 3.9 / 119 |
| | 1408 | −0.2 / −6 | | 1428 | 0.3 / 9 |
| | 2002 | 3.6 / 110 | | 2021 | 2.8 / 85 |
| 14 Su | 0200 | −0.8 / −24 | 29 M | 0211 | 0.0 / 0 |
| | 0841 | 4.9 / 149 | | 0850 | 3.9 / 119 |
| | 1501 | −0.1 / −3 | | 1505 | 0.3 / 9 |
| | 2057 | 3.6 / 110 | | 2100 | 2.8 / 85 |
| 15 M | 0255 | −0.6 / −18 | 30 Tu | 0250 | 0.1 / 3 |
| | 0934 | 4.8 / 146 | | 0926 | 3.8 / 116 |
| | 1556 | −0.1 / −3 | | 1543 | 0.3 / 9 |
| | 2153 | 3.6 / 110 | | 2140 | 2.8 / 85 |
| | | | 31 W | 0332 | 0.2 / 6 |
| | | | | 1002 | 3.7 / 113 |
| | | | | 1621 | 0.3 / 9 |
| | | | | 2220 | 2.9 / 88 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Miami, Government Cut, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0250 | 2.0 | 61 |
| | 0848 | 0.5 | 15 |
| | 1452 | 1.9 | 58 |
| | 2113 | 0.2 | 6 |
| **2** W | 0347 | 2.0 | 61 |
| | 0943 | 0.5 | 15 |
| | 1545 | 1.9 | 58 |
| | 2204 | 0.1 | 3 |
| **3** Th | 0442 | 2.0 | 61 |
| | 1034 | 0.5 | 15 |
| | 1638 | 1.9 | 58 |
| | 2252 | 0.1 | 3 |
| **4** F | 0535 | 2.0 | 61 |
| | 1123 | 0.5 | 15 |
| | 1731 | 1.9 | 58 |
| | 2338 | 0.0 | 0 |
| **5** Sa | 0623 | 2.1 | 64 |
| | 1208 | 0.4 | 12 |
| | 1820 | 2.0 | 61 |
| **6** Su | 0021 | −0.1 | −3 |
| | 0708 | 2.2 | 67 |
| | 1251 | 0.3 | 9 |
| | 1906 | 2.0 | 61 |
| **7** M | 0102 | −0.1 | −3 |
| | 0750 | 2.3 | 70 |
| | 1331 | 0.3 | 9 |
| | 1950 | 2.1 | 64 |
| **8** Tu ● | 0142 | −0.2 | −6 |
| | 0831 | 2.3 | 70 |
| | 1410 | 0.2 | 6 |
| | 2033 | 2.2 | 67 |
| **9** W | 0220 | −0.3 | −9 |
| | 0910 | 2.4 | 73 |
| | 1448 | 0.1 | 3 |
| | 2116 | 2.2 | 67 |
| **10** Th | 0259 | −0.3 | −9 |
| | 0949 | 2.4 | 73 |
| | 1527 | 0.0 | 0 |
| | 2159 | 2.2 | 67 |
| **11** F | 0340 | −0.2 | −6 |
| | 1028 | 2.4 | 73 |
| | 1608 | −0.1 | −3 |
| | 2243 | 2.2 | 67 |
| **12** Sa | 0423 | −0.2 | −6 |
| | 1107 | 2.3 | 70 |
| | 1651 | −0.1 | −3 |
| | 2331 | 2.2 | 67 |
| **13** Su | 0510 | −0.1 | −3 |
| | 1149 | 2.3 | 70 |
| | 1739 | −0.2 | −6 |
| **14** M | 0022 | 2.2 | 67 |
| | 0602 | 0.0 | 0 |
| | 1234 | 2.2 | 67 |
| | 1833 | −0.2 | −6 |
| **15** Tu ◐ | 0119 | 2.2 | 67 |
| | 0701 | 0.1 | 3 |
| | 1326 | 2.1 | 64 |
| | 1933 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0222 | 2.1 | 64 |
| | 0806 | 0.2 | 6 |
| | 1425 | 2.0 | 61 |
| | 2037 | −0.3 | −9 |
| **17** Th | 0330 | 2.2 | 67 |
| | 0914 | 0.2 | 6 |
| | 1532 | 2.0 | 61 |
| | 2143 | −0.4 | −12 |
| **18** F | 0439 | 2.2 | 67 |
| | 1020 | 0.2 | 6 |
| | 1641 | 2.1 | 64 |
| | 2246 | −0.5 | −15 |
| **19** Sa | 0544 | 2.3 | 70 |
| | 1122 | 0.1 | 3 |
| | 1747 | 2.2 | 67 |
| | 2346 | −0.5 | −15 |
| **20** Su | 0642 | 2.4 | 73 |
| | 1220 | 0.0 | 0 |
| | 1847 | 2.3 | 70 |
| **21** M | 0042 | −0.6 | −18 |
| | 0734 | 2.5 | 76 |
| | 1313 | −0.1 | −3 |
| | 1942 | 2.4 | 73 |
| **22** Tu ○ | 0134 | −0.6 | −18 |
| | 0822 | 2.6 | 79 |
| | 1404 | −0.3 | −9 |
| | 2033 | 2.5 | 76 |
| **23** W | 0223 | −0.6 | −18 |
| | 0907 | 2.6 | 79 |
| | 1452 | −0.3 | −9 |
| | 2121 | 2.5 | 76 |
| **24** Th | 0311 | −0.5 | −15 |
| | 0950 | 2.5 | 76 |
| | 1537 | −0.3 | −9 |
| | 2207 | 2.4 | 73 |
| **25** F | 0356 | −0.4 | −12 |
| | 1030 | 2.4 | 73 |
| | 1622 | −0.3 | −9 |
| | 2251 | 2.3 | 70 |
| **26** Sa | 0441 | −0.2 | −6 |
| | 1109 | 2.3 | 70 |
| | 1706 | −0.3 | −9 |
| | 2335 | 2.2 | 67 |
| **27** Su | 0525 | 0.0 | 0 |
| | 1147 | 2.1 | 64 |
| | 1750 | −0.2 | −6 |
| **28** M | 0019 | 2.0 | 61 |
| | 0611 | 0.1 | 3 |
| | 1226 | 2.0 | 61 |
| | 1836 | −0.1 | −3 |
| **29** Tu | 0105 | 1.9 | 58 |
| | 0659 | 0.3 | 9 |
| | 1307 | 1.8 | 55 |
| | 1925 | 0.0 | 0 |
| **30** W ◑ | 0155 | 1.8 | 55 |
| | 0752 | 0.4 | 12 |
| | 1354 | 1.7 | 52 |
| | 2019 | 0.1 | 3 |
| **31** Th | 0253 | 1.7 | 52 |
| | 0850 | 0.5 | 15 |
| | 1449 | 1.7 | 52 |
| | 2117 | 0.1 | 3 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0355 | 1.7 | 52 |
| | 0950 | 0.5 | 15 |
| | 1551 | 1.7 | 52 |
| | 2213 | 0.1 | 3 |
| **2** Sa | 0456 | 1.8 | 55 |
| | 1046 | 0.5 | 15 |
| | 1653 | 1.7 | 52 |
| | 2306 | 0.0 | 0 |
| **3** Su | 0552 | 1.9 | 58 |
| | 1138 | 0.4 | 12 |
| | 1751 | 1.8 | 55 |
| | 2353 | −0.1 | −3 |
| **4** M | 0640 | 2.0 | 61 |
| | 1223 | 0.2 | 6 |
| | 1842 | 1.9 | 58 |
| **5** Tu | 0038 | −0.2 | −6 |
| | 0724 | 2.1 | 64 |
| | 1306 | 0.1 | 3 |
| | 1929 | 2.1 | 64 |
| **6** W ● | 0119 | −0.3 | −9 |
| | 0805 | 2.3 | 70 |
| | 1345 | −0.1 | −3 |
| | 2014 | 2.2 | 67 |
| **7** Th | 0200 | −0.4 | −12 |
| | 0845 | 2.3 | 70 |
| | 1425 | −0.2 | −6 |
| | 2058 | 2.3 | 70 |
| **8** F | 0240 | −0.4 | −12 |
| | 0923 | 2.4 | 73 |
| | 1504 | −0.3 | −9 |
| | 2141 | 2.3 | 70 |
| **9** Sa | 0322 | −0.4 | −12 |
| | 1002 | 2.4 | 73 |
| | 1545 | −0.4 | −12 |
| | 2226 | 2.4 | 73 |
| **10** Su | 0406 | −0.3 | −9 |
| | 1042 | 2.3 | 70 |
| | 1629 | −0.5 | −15 |
| | 2313 | 2.4 | 73 |
| **11** M | 0452 | −0.2 | −6 |
| | 1124 | 2.3 | 70 |
| | 1717 | −0.5 | −15 |
| **12** Tu | 0004 | 2.3 | 70 |
| | 0543 | −0.1 | −3 |
| | 1211 | 2.2 | 67 |
| | 1810 | −0.4 | −12 |
| **13** W ◐ | 0100 | 2.2 | 67 |
| | 0641 | 0.1 | 3 |
| | 1304 | 2.1 | 64 |
| | 1911 | −0.4 | −12 |
| **14** Th | 0204 | 2.1 | 64 |
| | 0746 | 0.2 | 6 |
| | 1407 | 2.0 | 61 |
| | 2019 | −0.3 | −9 |
| **15** F | 0314 | 2.1 | 64 |
| | 0857 | 0.3 | 9 |
| | 1519 | 1.9 | 58 |
| | 2129 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0425 | 2.1 | 64 |
| | 1007 | 0.2 | 6 |
| | 1633 | 2.0 | 61 |
| | 2236 | −0.3 | −9 |
| **17** Su | 0531 | 2.2 | 67 |
| | 1112 | 0.1 | 3 |
| | 1740 | 2.1 | 64 |
| | 2337 | −0.4 | −12 |
| **18** M | 0628 | 2.3 | 70 |
| | 1209 | 0.0 | 0 |
| | 1839 | 2.2 | 67 |
| **19** Tu | 0031 | −0.5 | −15 |
| | 0718 | 2.4 | 73 |
| | 1300 | −0.2 | −6 |
| | 1931 | 2.4 | 73 |
| **20** W ○ | 0121 | −0.5 | −15 |
| | 0803 | 2.5 | 76 |
| | 1346 | −0.3 | −9 |
| | 2018 | 2.4 | 73 |
| **21** Th | 0207 | −0.5 | −15 |
| | 0843 | 2.5 | 76 |
| | 1430 | −0.4 | −12 |
| | 2102 | 2.5 | 76 |
| **22** F | 0249 | −0.4 | −12 |
| | 0921 | 2.4 | 73 |
| | 1510 | −0.4 | −12 |
| | 2143 | 2.4 | 73 |
| **23** Sa | 0330 | −0.3 | −9 |
| | 0957 | 2.4 | 73 |
| | 1549 | −0.4 | −12 |
| | 2222 | 2.3 | 70 |
| **24** Su | 0409 | −0.2 | −6 |
| | 1032 | 2.3 | 70 |
| | 1628 | −0.3 | −9 |
| | 2300 | 2.2 | 67 |
| **25** M | 0448 | 0.0 | 0 |
| | 1107 | 2.1 | 64 |
| | 1706 | −0.2 | −6 |
| | 2339 | 2.1 | 64 |
| **26** Tu | 0527 | 0.2 | 6 |
| | 1142 | 2.0 | 61 |
| | 1746 | −0.1 | −3 |
| **27** W | 0020 | 2.0 | 61 |
| | 0609 | 0.3 | 9 |
| | 1221 | 1.9 | 58 |
| | 1831 | 0.1 | 3 |
| **28** Th ◑ | 0107 | 1.8 | 55 |
| | 0657 | 0.5 | 15 |
| | 1305 | 1.8 | 55 |
| | 1924 | 0.2 | 6 |
| **29** F | 0202 | 1.7 | 52 |
| | 0755 | 0.6 | 18 |
| | 1400 | 1.7 | 52 |
| | 2025 | 0.2 | 6 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0306 | 1.7 | 52 |
| | 0902 | 0.6 | 18 |
| | 1506 | 1.7 | 52 |
| | 2129 | 0.2 | 6 |
| **2** Su | 0413 | 1.8 | 55 |
| | 1006 | 0.5 | 15 |
| | 1616 | 1.7 | 52 |
| | 2228 | 0.1 | 3 |
| **3** M | 0514 | 1.9 | 58 |
| | 1102 | 0.4 | 12 |
| | 1720 | 1.8 | 55 |
| | 2321 | 0.0 | 0 |
| **4** Tu | 0605 | 2.0 | 61 |
| | 1150 | 0.2 | 6 |
| | 1815 | 2.0 | 61 |
| **5** W | 0008 | −0.1 | −3 |
| | 0651 | 2.2 | 67 |
| | 1234 | 0.0 | 0 |
| | 1905 | 2.2 | 67 |
| **6** Th | 0053 | −0.2 | −6 |
| | 0733 | 2.3 | 70 |
| | 1315 | −0.2 | −6 |
| | 1951 | 2.4 | 73 |
| **7** F ● | 0136 | −0.3 | −9 |
| | 0814 | 2.4 | 73 |
| | 1356 | −0.4 | −12 |
| | 2036 | 2.5 | 76 |
| **8** Sa | 0219 | −0.4 | −12 |
| | 0854 | 2.5 | 76 |
| | 1438 | −0.5 | −15 |
| | 2122 | 2.6 | 79 |
| **9** Su | 0302 | −0.3 | −9 |
| | 0935 | 2.5 | 76 |
| | 1522 | −0.6 | −18 |
| | 2208 | 2.7 | 82 |
| **10** M | 0348 | −0.3 | −9 |
| | 1018 | 2.5 | 76 |
| | 1608 | −0.6 | −18 |
| | 2256 | 2.6 | 79 |
| **11** Tu | 0435 | −0.2 | −6 |
| | 1104 | 2.4 | 73 |
| | 1657 | −0.5 | −15 |
| | 2348 | 2.5 | 76 |
| **12** W | 0528 | 0.0 | 0 |
| | 1154 | 2.3 | 70 |
| | 1753 | −0.4 | −12 |
| **13** Th | 0045 | 2.4 | 73 |
| | 0627 | 0.2 | 6 |
| | 1251 | 2.2 | 67 |
| | 1856 | −0.3 | −9 |
| **14** F ◐ | 0149 | 2.2 | 67 |
| | 0734 | 0.3 | 9 |
| | 1357 | 2.1 | 64 |
| | 2006 | −0.1 | −3 |
| **15** Sa | 0258 | 2.1 | 64 |
| | 0846 | 0.3 | 9 |
| | 1511 | 2.0 | 61 |
| | 2118 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0409 | 2.2 | 67 |
| | 0957 | 0.3 | 9 |
| | 1625 | 2.1 | 64 |
| | 2225 | −0.1 | −3 |
| **17** M | 0513 | 2.2 | 67 |
| | 1059 | 0.1 | 3 |
| | 1731 | 2.2 | 67 |
| | 2325 | −0.1 | −3 |
| **18** Tu | 0608 | 2.3 | 70 |
| | 1153 | 0.0 | 0 |
| | 1827 | 2.3 | 70 |
| **19** W | 0017 | −0.2 | −6 |
| | 0655 | 2.4 | 73 |
| | 1240 | −0.1 | −3 |
| | 1916 | 2.4 | 73 |
| **20** Th | 0103 | −0.2 | −6 |
| | 0737 | 2.4 | 73 |
| | 1323 | −0.2 | −6 |
| | 1959 | 2.5 | 76 |
| **21** F ○ | 0145 | −0.2 | −6 |
| | 0815 | 2.5 | 76 |
| | 1403 | −0.3 | −9 |
| | 2039 | 2.5 | 76 |
| **22** Sa | 0225 | −0.1 | −3 |
| | 0850 | 2.4 | 73 |
| | 1440 | −0.3 | −9 |
| | 2116 | 2.5 | 76 |
| **23** Su | 0303 | −0.1 | −3 |
| | 0924 | 2.4 | 73 |
| | 1516 | −0.3 | −9 |
| | 2152 | 2.5 | 76 |
| **24** M | 0339 | 0.0 | 0 |
| | 0958 | 2.3 | 70 |
| | 1552 | −0.2 | −6 |
| | 2229 | 2.4 | 73 |
| **25** Tu | 0414 | 0.2 | 6 |
| | 1032 | 2.2 | 67 |
| | 1627 | −0.1 | −3 |
| | 2306 | 2.2 | 67 |
| **26** W | 0450 | 0.3 | 9 |
| | 1107 | 2.1 | 64 |
| | 1705 | 0.0 | 0 |
| | 2346 | 2.1 | 64 |
| **27** Th | 0529 | 0.4 | 12 |
| | 1145 | 2.0 | 61 |
| | 1746 | 0.2 | 6 |
| **28** F | 0031 | 2.0 | 61 |
| | 0613 | 0.6 | 18 |
| | 1229 | 1.9 | 58 |
| | 1835 | 0.3 | 9 |
| **29** Sa ◑ | 0123 | 1.9 | 58 |
| | 0709 | 0.7 | 21 |
| | 1324 | 1.8 | 55 |
| | 1935 | 0.3 | 9 |
| **30** Su | 0223 | 1.9 | 58 |
| | 0815 | 0.7 | 21 |
| | 1429 | 1.8 | 55 |
| | 2042 | 0.4 | 12 |
| **31** M | 0327 | 1.9 | 58 |
| | 0922 | 0.6 | 18 |
| | 1540 | 1.9 | 58 |
| | 2146 | 0.3 | 9 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Miami, Government Cut, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0427 | 2.0 | 61 |
| | 1020 | 0.4 | 12 |
| | 1646 | 2.0 | 61 |
| | 2243 | 0.2 | 6 |
| **2** W | 0522 | 2.1 | 64 |
| | 1111 | 0.2 | 6 |
| | 1744 | 2.2 | 67 |
| | 2335 | 0.1 | 3 |
| **3** Th | 0610 | 2.3 | 70 |
| | 1157 | 0.0 | 0 |
| | 1837 | 2.4 | 73 |
| **4** F | 0023 | −0.1 | −3 |
| | 0656 | 2.4 | 73 |
| | 1242 | −0.3 | −9 |
| | 1926 | 2.6 | 79 |
| **5** Sa ● | 0109 | −0.1 | −3 |
| | 0741 | 2.5 | 76 |
| | 1327 | −0.5 | −15 |
| | 2014 | 2.8 | 85 |
| **6** Su | 0155 | −0.2 | −6 |
| | 0825 | 2.6 | 79 |
| | 1413 | −0.6 | −18 |
| | 2102 | 2.9 | 88 |
| **7** M | 0242 | −0.2 | −6 |
| | 0910 | 2.7 | 82 |
| | 1500 | −0.6 | −18 |
| | 2150 | 2.9 | 88 |
| **8** Tu | 0330 | −0.1 | −3 |
| | 0958 | 2.6 | 79 |
| | 1549 | −0.6 | −18 |
| | 2241 | 2.8 | 85 |
| **9** W | 0421 | 0.0 | 0 |
| | 1048 | 2.6 | 79 |
| | 1642 | −0.5 | −15 |
| | 2334 | 2.7 | 82 |
| **10** Th | 0515 | 0.1 | 3 |
| | 1142 | 2.4 | 73 |
| | 1740 | −0.3 | −9 |
| **11** F | 0031 | 2.5 | 76 |
| | 0616 | 0.2 | 6 |
| | 1242 | 2.3 | 70 |
| | 1844 | −0.1 | −3 |
| **12** Sa ◐ | 0133 | 2.4 | 73 |
| | 0724 | 0.3 | 9 |
| | 1349 | 2.2 | 67 |
| | 1954 | 0.0 | 0 |
| **13** Su | 0239 | 2.3 | 70 |
| | 0834 | 0.3 | 9 |
| | 1500 | 2.2 | 67 |
| | 2104 | 0.1 | 3 |
| **14** M | 0344 | 2.3 | 70 |
| | 0940 | 0.3 | 9 |
| | 1610 | 2.2 | 67 |
| | 2208 | 0.1 | 3 |
| **15** Tu | 0445 | 2.3 | 70 |
| | 1039 | 0.2 | 6 |
| | 1713 | 2.3 | 70 |
| | 2305 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0538 | 2.3 | 70 |
| | 1129 | 0.0 | 0 |
| | 1807 | 2.4 | 73 |
| | 2354 | 0.1 | 3 |
| **17** Th | 0624 | 2.4 | 73 |
| | 1214 | −0.1 | −3 |
| | 1853 | 2.5 | 76 |
| **18** F | 0039 | 0.1 | 3 |
| | 0705 | 2.4 | 73 |
| | 1255 | −0.1 | −3 |
| | 1935 | 2.5 | 76 |
| **19** Sa | 0120 | 0.1 | 3 |
| | 0742 | 2.4 | 73 |
| | 1333 | −0.2 | −6 |
| | 2013 | 2.6 | 79 |
| **20** Su ○ | 0158 | 0.1 | 3 |
| | 0818 | 2.4 | 73 |
| | 1409 | −0.2 | −6 |
| | 2050 | 2.5 | 76 |
| **21** M | 0235 | 0.2 | 6 |
| | 0853 | 2.3 | 70 |
| | 1445 | −0.1 | −3 |
| | 2126 | 2.5 | 76 |
| **22** Tu | 0310 | 0.2 | 6 |
| | 0928 | 2.3 | 70 |
| | 1520 | −0.1 | −3 |
| | 2202 | 2.4 | 73 |
| **23** W | 0346 | 0.3 | 9 |
| | 1003 | 2.2 | 67 |
| | 1556 | 0.0 | 0 |
| | 2240 | 2.3 | 70 |
| **24** Th | 0422 | 0.4 | 12 |
| | 1040 | 2.1 | 64 |
| | 1633 | 0.1 | 3 |
| | 2321 | 2.2 | 67 |
| **25** F | 0500 | 0.5 | 15 |
| | 1120 | 2.0 | 61 |
| | 1713 | 0.2 | 6 |
| **26** Sa | 0004 | 2.1 | 64 |
| | 0544 | 0.6 | 18 |
| | 1206 | 2.0 | 61 |
| | 1800 | 0.3 | 9 |
| **27** Su | 0052 | 2.1 | 64 |
| | 0636 | 0.6 | 18 |
| | 1258 | 1.9 | 58 |
| | 1855 | 0.4 | 12 |
| **28** M ◑ | 0145 | 2.0 | 61 |
| | 0736 | 0.6 | 18 |
| | 1400 | 1.9 | 58 |
| | 1959 | 0.4 | 12 |
| **29** Tu | 0241 | 2.1 | 64 |
| | 0838 | 0.5 | 15 |
| | 1506 | 2.0 | 61 |
| | 2103 | 0.4 | 12 |
| **30** W | 0338 | 2.1 | 64 |
| | 0937 | 0.3 | 9 |
| | 1611 | 2.2 | 67 |
| | 2204 | 0.3 | 9 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0434 | 2.2 | 67 |
| | 1030 | 0.1 | 3 |
| | 1712 | 2.3 | 70 |
| | 2259 | 0.2 | 6 |
| **2** F | 0527 | 2.3 | 70 |
| | 1121 | −0.1 | −3 |
| | 1808 | 2.6 | 79 |
| | 2352 | 0.1 | 3 |
| **3** Sa | 0618 | 2.4 | 73 |
| | 1211 | −0.4 | −12 |
| | 1901 | 2.7 | 82 |
| **4** Su | 0042 | 0.0 | 0 |
| | 0708 | 2.6 | 79 |
| | 1300 | −0.5 | −15 |
| | 1952 | 2.9 | 88 |
| **5** M ● | 0132 | −0.1 | −3 |
| | 0759 | 2.6 | 79 |
| | 1350 | −0.6 | −18 |
| | 2043 | 2.9 | 88 |
| **6** Tu | 0222 | −0.1 | −3 |
| | 0849 | 2.7 | 82 |
| | 1441 | −0.7 | −21 |
| | 2134 | 2.9 | 88 |
| **7** W | 0314 | −0.1 | −3 |
| | 0941 | 2.7 | 82 |
| | 1534 | −0.6 | −18 |
| | 2227 | 2.9 | 88 |
| **8** Th | 0407 | 0.0 | 0 |
| | 1035 | 2.6 | 79 |
| | 1629 | −0.5 | −15 |
| | 2320 | 2.7 | 82 |
| **9** F | 0504 | 0.1 | 3 |
| | 1132 | 2.5 | 76 |
| | 1728 | −0.3 | −9 |
| **10** Sa | 0015 | 2.6 | 79 |
| | 0605 | 0.2 | 6 |
| | 1232 | 2.4 | 73 |
| | 1831 | −0.1 | −3 |
| **11** Su ◐ | 0113 | 2.5 | 76 |
| | 0710 | 0.2 | 6 |
| | 1335 | 2.3 | 70 |
| | 1936 | 0.1 | 3 |
| **12** M | 0212 | 2.4 | 73 |
| | 0814 | 0.2 | 6 |
| | 1441 | 2.2 | 67 |
| | 2041 | 0.2 | 6 |
| **13** Tu | 0310 | 2.3 | 70 |
| | 0914 | 0.2 | 6 |
| | 1546 | 2.2 | 67 |
| | 2141 | 0.3 | 9 |
| **14** W | 0407 | 2.2 | 67 |
| | 1009 | 0.1 | 3 |
| | 1646 | 2.3 | 70 |
| | 2236 | 0.3 | 9 |
| **15** Th | 0458 | 2.2 | 67 |
| | 1058 | 0.0 | 0 |
| | 1739 | 2.3 | 70 |
| | 2325 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0545 | 2.2 | 67 |
| | 1142 | 0.0 | 0 |
| | 1825 | 2.4 | 73 |
| **17** Sa | 0010 | 0.3 | 9 |
| | 0628 | 2.2 | 67 |
| | 1223 | −0.1 | −3 |
| | 1907 | 2.4 | 73 |
| **18** Su | 0051 | 0.3 | 9 |
| | 0708 | 2.2 | 67 |
| | 1302 | −0.1 | −3 |
| | 1946 | 2.4 | 73 |
| **19** M ○ | 0130 | 0.3 | 9 |
| | 0747 | 2.2 | 67 |
| | 1340 | −0.1 | −3 |
| | 2025 | 2.4 | 73 |
| **20** Tu | 0208 | 0.3 | 9 |
| | 0825 | 2.2 | 67 |
| | 1417 | −0.1 | −3 |
| | 2103 | 2.4 | 73 |
| **21** W | 0245 | 0.3 | 9 |
| | 0903 | 2.2 | 67 |
| | 1454 | −0.1 | −3 |
| | 2141 | 2.4 | 73 |
| **22** Th | 0322 | 0.4 | 12 |
| | 0941 | 2.1 | 64 |
| | 1530 | 0.0 | 0 |
| | 2220 | 2.3 | 70 |
| **23** F | 0359 | 0.4 | 12 |
| | 1021 | 2.1 | 64 |
| | 1608 | 0.1 | 3 |
| | 2300 | 2.3 | 70 |
| **24** Sa | 0439 | 0.4 | 12 |
| | 1103 | 2.0 | 61 |
| | 1648 | 0.1 | 3 |
| | 2342 | 2.2 | 67 |
| **25** Su | 0522 | 0.4 | 12 |
| | 1148 | 2.0 | 61 |
| | 1733 | 0.2 | 6 |
| **26** M | 0025 | 2.2 | 67 |
| | 0609 | 0.4 | 12 |
| | 1238 | 2.0 | 61 |
| | 1824 | 0.3 | 9 |
| **27** Tu ◑ | 0110 | 2.1 | 64 |
| | 0703 | 0.4 | 12 |
| | 1334 | 2.0 | 61 |
| | 1923 | 0.3 | 9 |
| **28** W | 0159 | 2.1 | 64 |
| | 0759 | 0.2 | 6 |
| | 1435 | 2.1 | 64 |
| | 2025 | 0.3 | 9 |
| **29** Th | 0252 | 2.1 | 64 |
| | 0857 | 0.1 | 3 |
| | 1538 | 2.2 | 67 |
| | 2127 | 0.3 | 9 |
| **30** F | 0349 | 2.2 | 67 |
| | 0954 | −0.1 | −3 |
| | 1641 | 2.4 | 73 |
| | 2227 | 0.2 | 6 |
| **31** Sa | 0447 | 2.3 | 70 |
| | 1049 | −0.3 | −9 |
| | 1741 | 2.5 | 76 |
| | 2323 | 0.1 | 3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0545 | 2.4 | 73 |
| | 1144 | −0.5 | −15 |
| | 1839 | 2.7 | 82 |
| **2** M | 0018 | 0.1 | 3 |
| | 0642 | 2.5 | 76 |
| | 1238 | −0.6 | −18 |
| | 1934 | 2.8 | 85 |
| **3** Tu ● | 0112 | 0.0 | 0 |
| | 0738 | 2.6 | 79 |
| | 1332 | −0.7 | −21 |
| | 2027 | 2.8 | 85 |
| **4** W | 0205 | −0.1 | −3 |
| | 0833 | 2.6 | 79 |
| | 1425 | −0.7 | −21 |
| | 2120 | 2.9 | 88 |
| **5** Th | 0259 | −0.1 | −3 |
| | 0928 | 2.6 | 79 |
| | 1520 | −0.6 | −18 |
| | 2211 | 2.8 | 85 |
| **6** F | 0354 | −0.1 | −3 |
| | 1023 | 2.6 | 79 |
| | 1615 | −0.5 | −15 |
| | 2303 | 2.7 | 82 |
| **7** Sa | 0450 | −0.1 | −3 |
| | 1118 | 2.5 | 76 |
| | 1712 | −0.3 | −9 |
| | 2354 | 2.6 | 79 |
| **8** Su | 0548 | 0.0 | 0 |
| | 1215 | 2.4 | 73 |
| | 1810 | −0.1 | −3 |
| **9** M | 0045 | 2.5 | 76 |
| | 0646 | 0.0 | 0 |
| | 1313 | 2.3 | 70 |
| | 1910 | 0.1 | 3 |
| **10** Tu ◐ | 0137 | 2.3 | 70 |
| | 0744 | 0.0 | 0 |
| | 1412 | 2.2 | 67 |
| | 2009 | 0.2 | 6 |
| **11** W | 0229 | 2.2 | 67 |
| | 0840 | 0.0 | 0 |
| | 1511 | 2.2 | 67 |
| | 2106 | 0.3 | 9 |
| **12** Th | 0321 | 2.1 | 64 |
| | 0932 | 0.0 | 0 |
| | 1609 | 2.1 | 64 |
| | 2200 | 0.4 | 12 |
| **13** F | 0413 | 2.0 | 61 |
| | 1021 | 0.0 | 0 |
| | 1703 | 2.2 | 67 |
| | 2251 | 0.4 | 12 |
| **14** Sa | 0502 | 2.0 | 61 |
| | 1108 | 0.0 | 0 |
| | 1752 | 2.2 | 67 |
| | 2337 | 0.4 | 12 |
| **15** Su | 0550 | 2.0 | 61 |
| | 1152 | 0.0 | 0 |
| | 1837 | 2.2 | 67 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0021 | 0.4 | 12 |
| | 0634 | 2.0 | 61 |
| | 1234 | −0.1 | −3 |
| | 1920 | 2.3 | 70 |
| **17** Tu | 0103 | 0.4 | 12 |
| | 0718 | 2.1 | 64 |
| | 1314 | −0.1 | −3 |
| | 2001 | 2.3 | 70 |
| **18** W | 0143 | 0.3 | 9 |
| | 0800 | 2.1 | 64 |
| | 1353 | −0.1 | −3 |
| | 2041 | 2.3 | 70 |
| **19** Th | 0222 | 0.3 | 9 |
| | 0841 | 2.1 | 64 |
| | 1431 | −0.1 | −3 |
| | 2121 | 2.3 | 70 |
| **20** F | 0301 | 0.3 | 9 |
| | 0922 | 2.1 | 64 |
| | 1509 | −0.1 | −3 |
| | 2200 | 2.3 | 70 |
| **21** Sa | 0339 | 0.3 | 9 |
| | 1004 | 2.1 | 64 |
| | 1547 | 0.0 | 0 |
| | 2238 | 2.3 | 70 |
| **22** Su | 0417 | 0.3 | 9 |
| | 1046 | 2.1 | 64 |
| | 1627 | 0.0 | 0 |
| | 2317 | 2.3 | 70 |
| **23** M | 0458 | 0.2 | 6 |
| | 1131 | 2.1 | 64 |
| | 1710 | 0.1 | 3 |
| | 2356 | 2.2 | 67 |
| **24** Tu | 0542 | 0.2 | 6 |
| | 1219 | 2.1 | 64 |
| | 1758 | 0.2 | 6 |
| **25** W | 0038 | 2.2 | 67 |
| | 0631 | 0.1 | 3 |
| | 1311 | 2.1 | 64 |
| | 1853 | 0.2 | 6 |
| **26** Th ◑ | 0124 | 2.2 | 67 |
| | 0726 | 0.0 | 0 |
| | 1409 | 2.2 | 67 |
| | 1953 | 0.3 | 9 |
| **27** F | 0215 | 2.1 | 64 |
| | 0824 | −0.1 | −3 |
| | 1511 | 2.2 | 67 |
| | 2056 | 0.3 | 9 |
| **28** Sa | 0313 | 2.2 | 67 |
| | 0924 | −0.2 | −6 |
| | 1616 | 2.3 | 70 |
| | 2159 | 0.3 | 9 |
| **29** Su | 0416 | 2.2 | 67 |
| | 1025 | −0.4 | −12 |
| | 1720 | 2.4 | 73 |
| | 2300 | 0.2 | 6 |
| **30** M | 0521 | 2.3 | 70 |
| | 1124 | −0.5 | −15 |
| | 1821 | 2.6 | 79 |
| | 2359 | 0.1 | 3 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Miami, Government Cut, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0623 | 2.4 | 73 | **16** W | 0036 | 0.5 | 15 |
| | 1222 | −0.6 | −18 | | 0651 | 2.1 | 64 |
| | 1918 | 2.7 | 82 | | 1249 | 0.0 | 0 |
| | | | | | 1936 | 2.3 | 70 |
| **2** W | 0055 | 0.0 | 0 | **17** Th | 0118 | 0.4 | 12 |
| | 0723 | 2.5 | 76 | | 0736 | 2.1 | 64 |
| | 1317 | −0.6 | −18 | | 1330 | 0.0 | 0 |
| ● | 2012 | 2.8 | 85 | | 2017 | 2.4 | 73 |
| **3** Th | 0150 | −0.1 | −3 | **18** F | 0158 | 0.3 | 9 |
| | 0820 | 2.6 | 79 | | 0820 | 2.2 | 67 |
| | 1412 | −0.6 | −18 | | 1408 | −0.1 | −3 |
| | 2103 | 2.8 | 85 | ○ | 2056 | 2.4 | 73 |
| **4** F | 0244 | −0.1 | −3 | **19** Sa | 0236 | 0.3 | 9 |
| | 0914 | 2.6 | 79 | | 0902 | 2.3 | 70 |
| | 1505 | −0.5 | −15 | | 1446 | −0.1 | −3 |
| | 2152 | 2.8 | 85 | | 2134 | 2.4 | 73 |
| **5** Sa | 0337 | −0.2 | −6 | **20** Su | 0314 | 0.2 | 6 |
| | 1007 | 2.6 | 79 | | 0944 | 2.3 | 70 |
| | 1558 | −0.4 | −12 | | 1525 | 0.0 | 0 |
| | 2240 | 2.7 | 82 | | 2211 | 2.4 | 73 |
| **6** Su | 0429 | −0.2 | −6 | **21** M | 0351 | 0.1 | 3 |
| | 1059 | 2.5 | 76 | | 1027 | 2.3 | 70 |
| | 1650 | −0.3 | −9 | | 1605 | 0.0 | 0 |
| | 2326 | 2.6 | 79 | | 2249 | 2.4 | 73 |
| **7** M | 0521 | −0.1 | −3 | **22** Tu | 0431 | 0.0 | 0 |
| | 1151 | 2.4 | 73 | | 1111 | 2.3 | 70 |
| | 1743 | −0.1 | −3 | | 1648 | 0.1 | 3 |
| | | | | | 2327 | 2.4 | 73 |
| **8** Tu | 0012 | 2.4 | 73 | **23** W | 0515 | 0.0 | 0 |
| | 0613 | −0.1 | −3 | | 1158 | 2.3 | 70 |
| | 1242 | 2.3 | 70 | | 1735 | 0.2 | 6 |
| | 1836 | 0.1 | 3 | | | | |
| **9** W | 0057 | 2.3 | 70 | **24** Th | 0008 | 2.3 | 70 |
| | 0706 | 0.0 | 0 | | 0603 | 0.0 | 0 |
| | 1335 | 2.2 | 67 | | 1249 | 2.3 | 70 |
| ◐ | 1930 | 0.3 | 9 | | 1828 | 0.3 | 9 |
| **10** Th | 0144 | 2.1 | 64 | **25** F | 0054 | 2.3 | 70 |
| | 0758 | 0.0 | 0 | | 0658 | −0.1 | −3 |
| | 1429 | 2.1 | 64 | | 1347 | 2.3 | 70 |
| | 2025 | 0.4 | 12 | ◑ | 1928 | 0.4 | 12 |
| **11** F | 0232 | 2.0 | 61 | **26** Sa | 0148 | 2.2 | 67 |
| | 0851 | 0.1 | 3 | | 0759 | −0.1 | −3 |
| | 1525 | 2.0 | 61 | | 1451 | 2.3 | 70 |
| | 2120 | 0.5 | 15 | | 2034 | 0.4 | 12 |
| **12** Sa | 0324 | 2.0 | 61 | **27** Su | 0250 | 2.2 | 67 |
| | 0943 | 0.1 | 3 | | 0904 | −0.1 | −3 |
| | 1622 | 2.0 | 61 | | 1559 | 2.4 | 73 |
| | 2213 | 0.6 | 18 | | 2140 | 0.4 | 12 |
| **13** Su | 0418 | 1.9 | 58 | **28** M | 0359 | 2.3 | 70 |
| | 1033 | 0.1 | 3 | | 1009 | −0.2 | −6 |
| | 1716 | 2.1 | 64 | | 1706 | 2.4 | 73 |
| | 2304 | 0.6 | 18 | | 2245 | 0.4 | 12 |
| **14** M | 0511 | 1.9 | 58 | **29** Tu | 0509 | 2.3 | 70 |
| | 1121 | 0.1 | 3 | | 1111 | −0.3 | −9 |
| | 1806 | 2.1 | 64 | | 1808 | 2.6 | 79 |
| | 2351 | 0.5 | 15 | | 2346 | 0.2 | 6 |
| **15** Tu | 0603 | 2.0 | 61 | **30** W | 0614 | 2.5 | 76 |
| | 1207 | 0.1 | 3 | | 1210 | −0.4 | −12 |
| | 1853 | 2.2 | 67 | | 1904 | 2.7 | 82 |
| | | | | **31** Th | 0042 | 0.1 | 3 |
| | | | | | 0713 | 2.6 | 79 |
| | | | | | 1305 | −0.4 | −12 |
| | | | | | 1955 | 2.8 | 85 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F | 0135 | 0.0 | 0 | **16** Sa | 0129 | 0.4 | 12 |
| | 0807 | 2.7 | 82 | | 0756 | 2.5 | 76 |
| | 1358 | −0.4 | −12 | | 1343 | 0.1 | 3 |
| ● | 2043 | 2.8 | 85 | ○ | 2025 | 2.6 | 79 |
| **2** Sa | 0226 | −0.1 | −3 | **17** Su | 0206 | 0.3 | 9 |
| | 0859 | 2.8 | 85 | | 0839 | 2.6 | 79 |
| | 1447 | −0.3 | −9 | | 1422 | 0.1 | 3 |
| | 2128 | 2.8 | 85 | | 2103 | 2.7 | 82 |
| **3** Su | 0314 | −0.2 | −6 | **18** M | 0244 | 0.1 | 3 |
| | 0947 | 2.8 | 85 | | 0922 | 2.7 | 82 |
| | 1536 | −0.2 | −6 | | 1501 | 0.1 | 3 |
| | 2211 | 2.8 | 85 | | 2141 | 2.7 | 82 |
| **4** M | 0401 | −0.1 | −3 | **19** Tu | 0322 | 0.1 | 3 |
| | 1034 | 2.7 | 82 | | 1005 | 2.7 | 82 |
| | 1623 | 0.0 | 0 | | 1542 | 0.2 | 6 |
| | 2253 | 2.7 | 82 | | 2219 | 2.7 | 82 |
| **5** Tu | 0448 | −0.1 | −3 | **20** W | 0404 | 0.0 | 0 |
| | 1120 | 2.6 | 79 | | 1050 | 2.7 | 82 |
| | 1710 | 0.2 | 6 | | 1626 | 0.3 | 9 |
| | 2334 | 2.5 | 76 | | 2259 | 2.6 | 79 |
| **6** W | 0534 | 0.0 | 0 | **21** Th | 0448 | 0.0 | 0 |
| | 1206 | 2.5 | 76 | | 1138 | 2.7 | 82 |
| | 1757 | 0.4 | 12 | | 1714 | 0.4 | 12 |
| | | | | | 2343 | 2.6 | 79 |
| **7** Th | 0015 | 2.4 | 73 | **22** F | 0539 | 0.0 | 0 |
| | 0622 | 0.1 | 3 | | 1231 | 2.6 | 79 |
| | 1253 | 2.3 | 70 | | 1808 | 0.5 | 15 |
| | 1847 | 0.5 | 15 | | | | |
| **8** F | 0057 | 2.2 | 67 | **23** Sa | 0033 | 2.5 | 76 |
| | 0712 | 0.3 | 9 | | 0637 | 0.1 | 3 |
| | 1343 | 2.2 | 67 | | 1330 | 2.6 | 79 |
| ◐ | 1940 | 0.7 | 21 | ◑ | 1910 | 0.6 | 18 |
| **9** Sa | 0144 | 2.1 | 64 | **24** Su | 0132 | 2.4 | 73 |
| | 0806 | 0.4 | 12 | | 0742 | 0.1 | 3 |
| | 1438 | 2.1 | 64 | | 1437 | 2.5 | 76 |
| | 2036 | 0.8 | 24 | | 2019 | 0.7 | 21 |
| **10** Su | 0237 | 2.0 | 61 | **25** M | 0241 | 2.4 | 73 |
| | 0902 | 0.4 | 12 | | 0852 | 0.2 | 6 |
| | 1538 | 2.1 | 64 | | 1547 | 2.5 | 76 |
| | 2134 | 0.8 | 24 | | 2130 | 0.7 | 21 |
| **11** M | 0335 | 2.0 | 61 | **26** Tu | 0354 | 2.5 | 76 |
| | 0958 | 0.4 | 12 | | 1000 | 0.1 | 3 |
| | 1638 | 2.1 | 64 | | 1654 | 2.6 | 79 |
| | 2230 | 0.8 | 24 | | 2236 | 0.6 | 18 |
| **12** Tu | 0436 | 2.1 | 64 | **27** W | 0504 | 2.6 | 79 |
| | 1051 | 0.4 | 12 | | 1103 | 0.1 | 3 |
| | 1733 | 2.2 | 67 | | 1754 | 2.7 | 82 |
| | 2321 | 0.7 | 21 | | 2335 | 0.4 | 12 |
| **13** W | 0533 | 2.1 | 64 | **28** Th | 0607 | 2.7 | 82 |
| | 1139 | 0.3 | 9 | | 1200 | 0.0 | 0 |
| | 1822 | 2.3 | 70 | | 1847 | 2.9 | 88 |
| **14** Th | 0008 | 0.6 | 18 | **29** F | 0029 | 0.3 | 9 |
| | 0625 | 2.3 | 70 | | 0702 | 2.9 | 88 |
| | 1223 | 0.2 | 6 | | 1252 | 0.0 | 0 |
| | 1905 | 2.4 | 73 | | 1934 | 3.0 | 91 |
| **15** F | 0050 | 0.5 | 15 | **30** Sa | 0118 | 0.1 | 3 |
| | 0712 | 2.4 | 73 | | 0753 | 3.0 | 91 |
| | 1304 | 0.2 | 6 | | 1341 | 0.0 | 0 |
| | 1946 | 2.6 | 79 | ● | 2018 | 3.0 | 91 |
| | | | | **31** Su | 0204 | 0.0 | 0 |
| | | | | | 0840 | 3.0 | 91 |
| | | | | | 1426 | 0.1 | 3 |
| | | | | | 2059 | 3.0 | 91 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0247 | 0.0 | 0 | **16** Tu | 0213 | 0.1 | 3 |
| | 0924 | 3.0 | 91 | | 0857 | 3.1 | 94 |
| | 1510 | 0.2 | 6 | | 1437 | 0.3 | 9 |
| | 2139 | 2.9 | 88 | | 2109 | 3.0 | 91 |
| **2** Tu | 0329 | 0.1 | 3 | **17** W | 0254 | 0.0 | 0 |
| | 1006 | 2.9 | 88 | | 0942 | 3.1 | 94 |
| | 1552 | 0.3 | 9 | | 1520 | 0.4 | 12 |
| | 2217 | 2.8 | 85 | | 2151 | 3.0 | 91 |
| **3** W | 0411 | 0.1 | 3 | **18** Th | 0338 | 0.0 | 0 |
| | 1047 | 2.8 | 85 | | 1029 | 3.1 | 94 |
| | 1634 | 0.5 | 15 | | 1606 | 0.5 | 15 |
| | 2254 | 2.7 | 82 | | 2236 | 2.9 | 88 |
| **4** Th | 0452 | 0.3 | 9 | **19** F | 0427 | 0.1 | 3 |
| | 1129 | 2.7 | 82 | | 1120 | 3.0 | 91 |
| | 1717 | 0.7 | 21 | | 1657 | 0.6 | 18 |
| | 2333 | 2.5 | 76 | | 2325 | 2.8 | 85 |
| **5** F | 0536 | 0.4 | 12 | **20** Sa | 0520 | 0.2 | 6 |
| | 1212 | 2.5 | 76 | | 1215 | 2.9 | 88 |
| | 1802 | 0.8 | 24 | | 1754 | 0.7 | 21 |
| **6** Sa | 0014 | 2.4 | 73 | **21** Su | 0021 | 2.7 | 82 |
| | 0623 | 0.6 | 18 | | 0622 | 0.3 | 9 |
| | 1259 | 2.4 | 73 | | 1317 | 2.8 | 85 |
| | 1853 | 1.0 | 30 | | 1900 | 0.8 | 24 |
| **7** Su | 0100 | 2.3 | 70 | **22** M | 0125 | 2.7 | 82 |
| | 0718 | 0.7 | 21 | | 0731 | 0.4 | 12 |
| | 1353 | 2.3 | 70 | | 1424 | 2.7 | 82 |
| ◐ | 1951 | 1.1 | 34 | ◑ | 2012 | 0.9 | 27 |
| **8** M | 0154 | 2.2 | 67 | **23** Tu | 0237 | 2.6 | 79 |
| | 0819 | 0.7 | 21 | | 0844 | 0.5 | 15 |
| | 1454 | 2.3 | 70 | | 1533 | 2.8 | 85 |
| | 2055 | 1.1 | 34 | | 2123 | 0.8 | 24 |
| **9** Tu | 0257 | 2.2 | 67 | **24** W | 0350 | 2.7 | 82 |
| | 0920 | 0.7 | 21 | | 0952 | 0.5 | 15 |
| | 1557 | 2.3 | 70 | | 1638 | 2.8 | 85 |
| | 2155 | 1.0 | 30 | | 2226 | 0.7 | 21 |
| **10** W | 0402 | 2.3 | 70 | **25** Th | 0457 | 2.8 | 85 |
| | 1017 | 0.7 | 21 | | 1053 | 0.4 | 12 |
| | 1654 | 2.4 | 73 | | 1734 | 2.9 | 88 |
| | 2248 | 0.9 | 27 | | 2322 | 0.5 | 15 |
| **11** Th | 0503 | 2.4 | 73 | **26** F | 0556 | 3.0 | 91 |
| | 1107 | 0.6 | 18 | | 1147 | 0.4 | 12 |
| | 1744 | 2.5 | 76 | | 1824 | 3.0 | 91 |
| | 2334 | 0.8 | 24 | | | | |
| **12** F | 0556 | 2.5 | 76 | **27** Sa | 0011 | 0.4 | 12 |
| | 1152 | 0.5 | 15 | | 0648 | 3.1 | 94 |
| | 1829 | 2.7 | 82 | | 1236 | 0.4 | 12 |
| | | | | | 1909 | 3.1 | 94 |
| **13** Sa | 0016 | 0.6 | 18 | **28** Su | 0056 | 0.3 | 9 |
| | 0644 | 2.7 | 82 | | 0735 | 3.2 | 98 |
| | 1234 | 0.4 | 12 | | 1320 | 0.4 | 12 |
| | 1910 | 2.8 | 85 | | 1950 | 3.1 | 94 |
| **14** Su | 0055 | 0.4 | 12 | **29** M | 0138 | 0.2 | 6 |
| | 0729 | 2.9 | 88 | | 0817 | 3.2 | 98 |
| | 1315 | 0.3 | 9 | | 1402 | 0.4 | 12 |
| | 1950 | 2.9 | 88 | ● | 2029 | 3.0 | 91 |
| **15** M | 0134 | 0.3 | 9 | **30** Tu | 0218 | 0.2 | 6 |
| | 0813 | 3.0 | 91 | | 0858 | 3.2 | 98 |
| | 1355 | 0.3 | 9 | | 1442 | 0.5 | 15 |
| ○ | 2029 | 3.0 | 91 | | 2106 | 3.0 | 91 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Miami, Government Cut, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0257 | 0.3 | 9 |
| | 0936 | 3.1 | 94 |
| | 1521 | 0.6 | 18 |
| | 2142 | 2.9 | 88 |
| **2** Th | 0335 | 0.3 | 9 |
| | 1015 | 3.0 | 91 |
| | 1600 | 0.7 | 21 |
| | 2218 | 2.8 | 85 |
| **3** F | 0413 | 0.5 | 15 |
| | 1054 | 2.8 | 85 |
| | 1639 | 0.9 | 27 |
| | 2255 | 2.6 | 79 |
| **4** Sa | 0454 | 0.6 | 18 |
| | 1135 | 2.7 | 82 |
| | 1721 | 1.0 | 30 |
| | 2336 | 2.5 | 76 |
| **5** Su | 0538 | 0.8 | 24 |
| | 1221 | 2.6 | 79 |
| | 1809 | 1.1 | 34 |
| **6** M | 0023 | 2.4 | 73 |
| | 0630 | 0.9 | 27 |
| | 1314 | 2.5 | 76 |
| | 1907 | 1.2 | 37 |
| **7** Tu ◐ | 0118 | 2.4 | 73 |
| | 0731 | 1.0 | 30 |
| | 1412 | 2.4 | 73 |
| | 2013 | 1.2 | 37 |
| **8** W | 0222 | 2.4 | 73 |
| | 0835 | 1.0 | 30 |
| | 1512 | 2.5 | 76 |
| | 2115 | 1.1 | 34 |
| **9** Th | 0328 | 2.4 | 73 |
| | 0935 | 0.9 | 27 |
| | 1609 | 2.6 | 79 |
| | 2208 | 1.0 | 30 |
| **10** F | 0429 | 2.6 | 79 |
| | 1029 | 0.8 | 24 |
| | 1700 | 2.7 | 82 |
| | 2255 | 0.8 | 24 |
| **11** Sa | 0524 | 2.7 | 82 |
| | 1116 | 0.7 | 21 |
| | 1746 | 2.8 | 85 |
| | 2338 | 0.6 | 18 |
| **12** Su | 0614 | 2.9 | 88 |
| | 1202 | 0.6 | 18 |
| | 1831 | 2.9 | 88 |
| **13** M | 0020 | 0.4 | 12 |
| | 0701 | 3.1 | 94 |
| | 1245 | 0.5 | 15 |
| | 1914 | 3.0 | 91 |
| **14** Tu ○ | 0102 | 0.2 | 6 |
| | 0748 | 3.3 | 101 |
| | 1329 | 0.4 | 12 |
| | 1957 | 3.1 | 94 |
| **15** W | 0145 | 0.0 | 0 |
| | 0834 | 3.3 | 101 |
| | 1414 | 0.4 | 12 |
| | 2041 | 3.1 | 94 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0230 | 0.0 | 0 |
| | 0922 | 3.4 | 104 |
| | 1500 | 0.5 | 15 |
| | 2128 | 3.1 | 94 |
| **17** F | 0318 | 0.0 | 0 |
| | 1012 | 3.3 | 101 |
| | 1549 | 0.5 | 15 |
| | 2217 | 3.0 | 91 |
| **18** Sa | 0410 | 0.1 | 3 |
| | 1105 | 3.2 | 98 |
| | 1643 | 0.7 | 21 |
| | 2312 | 2.9 | 88 |
| **19** Su | 0507 | 0.2 | 6 |
| | 1202 | 3.1 | 94 |
| | 1743 | 0.8 | 24 |
| **20** M | 0012 | 2.8 | 85 |
| | 0610 | 0.4 | 12 |
| | 1303 | 2.9 | 88 |
| | 1851 | 0.8 | 24 |
| **21** Tu ◑ | 0118 | 2.8 | 85 |
| | 0720 | 0.5 | 15 |
| | 1407 | 2.9 | 88 |
| | 2002 | 0.8 | 24 |
| **22** W | 0229 | 2.7 | 82 |
| | 0832 | 0.6 | 18 |
| | 1512 | 2.8 | 85 |
| | 2110 | 0.7 | 21 |
| **23** Th | 0340 | 2.8 | 85 |
| | 0938 | 0.6 | 18 |
| | 1613 | 2.9 | 88 |
| | 2210 | 0.6 | 18 |
| **24** F | 0444 | 2.9 | 88 |
| | 1037 | 0.6 | 18 |
| | 1708 | 2.9 | 88 |
| | 2302 | 0.5 | 15 |
| **25** Sa | 0540 | 3.0 | 91 |
| | 1129 | 0.6 | 18 |
| | 1757 | 2.9 | 88 |
| | 2349 | 0.4 | 12 |
| **26** Su | 0630 | 3.1 | 94 |
| | 1215 | 0.6 | 18 |
| | 1840 | 2.9 | 88 |
| **27** M | 0031 | 0.3 | 9 |
| | 0714 | 3.1 | 94 |
| | 1258 | 0.6 | 18 |
| | 1921 | 2.9 | 88 |
| **28** Tu ● | 0111 | 0.2 | 6 |
| | 0754 | 3.1 | 94 |
| | 1338 | 0.6 | 18 |
| | 1958 | 2.9 | 88 |
| **29** W | 0150 | 0.2 | 6 |
| | 0832 | 3.1 | 94 |
| | 1416 | 0.6 | 18 |
| | 2035 | 2.8 | 85 |
| **30** Th | 0227 | 0.3 | 9 |
| | 0910 | 3.0 | 91 |
| | 1453 | 0.7 | 21 |
| | 2111 | 2.8 | 85 |
| **31** F | 0304 | 0.4 | 12 |
| | 0947 | 2.9 | 88 |
| | 1530 | 0.8 | 24 |
| | 2148 | 2.7 | 82 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0341 | 0.5 | 15 |
| | 1026 | 2.8 | 85 |
| | 1608 | 0.9 | 27 |
| | 2226 | 2.6 | 79 |
| **2** Su | 0420 | 0.6 | 18 |
| | 1107 | 2.7 | 82 |
| | 1649 | 1.0 | 30 |
| | 2307 | 2.5 | 76 |
| **3** M | 0501 | 0.7 | 21 |
| | 1150 | 2.6 | 79 |
| | 1734 | 1.1 | 34 |
| | 2354 | 2.4 | 73 |
| **4** Tu | 0548 | 0.8 | 24 |
| | 1238 | 2.5 | 76 |
| | 1827 | 1.1 | 34 |
| **5** W ◐ | 0047 | 2.3 | 70 |
| | 0643 | 0.9 | 27 |
| | 1329 | 2.5 | 76 |
| | 1926 | 1.1 | 34 |
| **6** Th | 0147 | 2.3 | 70 |
| | 0745 | 0.9 | 27 |
| | 1424 | 2.5 | 76 |
| | 2026 | 1.0 | 30 |
| **7** F | 0250 | 2.4 | 73 |
| | 0848 | 0.9 | 27 |
| | 1518 | 2.5 | 76 |
| | 2121 | 0.8 | 24 |
| **8** Sa | 0352 | 2.5 | 76 |
| | 0946 | 0.8 | 24 |
| | 1611 | 2.6 | 79 |
| | 2212 | 0.6 | 18 |
| **9** Su | 0450 | 2.7 | 82 |
| | 1039 | 0.7 | 21 |
| | 1702 | 2.7 | 82 |
| | 2259 | 0.3 | 9 |
| **10** M | 0543 | 2.9 | 88 |
| | 1129 | 0.6 | 18 |
| | 1751 | 2.8 | 85 |
| | 2346 | 0.1 | 3 |
| **11** Tu | 0635 | 3.1 | 94 |
| | 1217 | 0.5 | 15 |
| | 1840 | 2.9 | 88 |
| **12** W | 0034 | −0.1 | −3 |
| | 0725 | 3.2 | 98 |
| | 1305 | 0.4 | 12 |
| | 1929 | 3.0 | 91 |
| **13** Th ○ | 0122 | −0.2 | −6 |
| | 0815 | 3.3 | 101 |
| | 1353 | 0.3 | 9 |
| | 2019 | 3.0 | 91 |
| **14** F | 0211 | −0.3 | −9 |
| | 0906 | 3.3 | 101 |
| | 1443 | 0.3 | 9 |
| | 2110 | 3.0 | 91 |
| **15** Sa | 0303 | −0.2 | −6 |
| | 0957 | 3.2 | 98 |
| | 1536 | 0.4 | 12 |
| | 2204 | 3.0 | 91 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0357 | −0.1 | −3 |
| | 1051 | 3.1 | 94 |
| | 1631 | 0.4 | 12 |
| | 2301 | 2.9 | 88 |
| **17** M | 0455 | 0.0 | 0 |
| | 1146 | 3.0 | 91 |
| | 1732 | 0.5 | 15 |
| **18** Tu | 0001 | 2.8 | 85 |
| | 0557 | 0.2 | 6 |
| | 1243 | 2.9 | 88 |
| | 1837 | 0.5 | 15 |
| **19** W ◑ | 0106 | 2.7 | 82 |
| | 0703 | 0.4 | 12 |
| | 1342 | 2.8 | 85 |
| | 1943 | 0.5 | 15 |
| **20** Th | 0212 | 2.6 | 79 |
| | 0811 | 0.5 | 15 |
| | 1442 | 2.7 | 82 |
| | 2047 | 0.4 | 12 |
| **21** F | 0319 | 2.6 | 79 |
| | 0915 | 0.6 | 18 |
| | 1540 | 2.6 | 79 |
| | 2144 | 0.4 | 12 |
| **22** Sa | 0421 | 2.7 | 82 |
| | 1013 | 0.6 | 18 |
| | 1634 | 2.6 | 79 |
| | 2236 | 0.3 | 9 |
| **23** Su | 0517 | 2.7 | 82 |
| | 1104 | 0.6 | 18 |
| | 1724 | 2.6 | 79 |
| | 2322 | 0.2 | 6 |
| **24** M | 0606 | 2.7 | 82 |
| | 1151 | 0.6 | 18 |
| | 1810 | 2.6 | 79 |
| **25** Tu | 0005 | 0.2 | 6 |
| | 0650 | 2.8 | 85 |
| | 1234 | 0.6 | 18 |
| | 1851 | 2.6 | 79 |
| **26** W | 0046 | 0.1 | 3 |
| | 0731 | 2.8 | 85 |
| | 1314 | 0.6 | 18 |
| | 1931 | 2.5 | 76 |
| **27** Th ● | 0125 | 0.1 | 3 |
| | 0810 | 2.8 | 85 |
| | 1352 | 0.6 | 18 |
| | 2009 | 2.5 | 76 |
| **28** F | 0203 | 0.1 | 3 |
| | 0847 | 2.7 | 82 |
| | 1430 | 0.6 | 18 |
| | 2047 | 2.5 | 76 |
| **29** Sa | 0240 | 0.2 | 6 |
| | 0925 | 2.7 | 82 |
| | 1508 | 0.6 | 18 |
| | 2125 | 2.4 | 73 |
| **30** Su | 0317 | 0.2 | 6 |
| | 1003 | 2.6 | 79 |
| | 1545 | 0.6 | 18 |
| | 2205 | 2.4 | 73 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0354 | 0.3 | 9 |
| | 1043 | 2.5 | 76 |
| | 1624 | 0.7 | 21 |
| | 2246 | 2.3 | 70 |
| **2** Tu | 0432 | 0.4 | 12 |
| | 1123 | 2.5 | 76 |
| | 1705 | 0.7 | 21 |
| | 2331 | 2.2 | 67 |
| **3** W | 0515 | 0.5 | 15 |
| | 1205 | 2.4 | 73 |
| | 1751 | 0.7 | 21 |
| **4** Th | 0019 | 2.2 | 67 |
| | 0603 | 0.6 | 18 |
| | 1249 | 2.3 | 70 |
| | 1841 | 0.6 | 18 |
| **5** F ◐ | 0113 | 2.2 | 67 |
| | 0658 | 0.6 | 18 |
| | 1336 | 2.3 | 70 |
| | 1936 | 0.5 | 15 |
| **6** Sa | 0212 | 2.2 | 67 |
| | 0759 | 0.6 | 18 |
| | 1427 | 2.3 | 70 |
| | 2033 | 0.4 | 12 |
| **7** Su | 0314 | 2.3 | 70 |
| | 0902 | 0.6 | 18 |
| | 1522 | 2.3 | 70 |
| | 2129 | 0.2 | 6 |
| **8** M | 0415 | 2.4 | 73 |
| | 1001 | 0.5 | 15 |
| | 1619 | 2.4 | 73 |
| | 2224 | 0.0 | 0 |
| **9** Tu | 0515 | 2.6 | 79 |
| | 1058 | 0.4 | 12 |
| | 1716 | 2.5 | 76 |
| | 2318 | −0.2 | −6 |
| **10** W | 0612 | 2.8 | 85 |
| | 1152 | 0.3 | 9 |
| | 1813 | 2.6 | 79 |
| **11** Th | 0011 | −0.4 | −12 |
| | 0706 | 2.9 | 88 |
| | 1244 | 0.2 | 6 |
| | 1908 | 2.7 | 82 |
| **12** F ○ | 0104 | −0.5 | −15 |
| | 0759 | 3.0 | 91 |
| | 1337 | 0.1 | 3 |
| | 2003 | 2.8 | 85 |
| **13** Sa | 0157 | −0.5 | −15 |
| | 0851 | 3.0 | 91 |
| | 1429 | 0.0 | 0 |
| | 2058 | 2.8 | 85 |
| **14** Su | 0250 | −0.5 | −15 |
| | 0942 | 3.0 | 91 |
| | 1523 | 0.0 | 0 |
| | 2153 | 2.8 | 85 |
| **15** M | 0345 | −0.4 | −12 |
| | 1033 | 2.9 | 88 |
| | 1618 | 0.0 | 0 |
| | 2249 | 2.7 | 82 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0440 | −0.3 | −9 |
| | 1125 | 2.8 | 85 |
| | 1715 | 0.0 | 0 |
| | 2346 | 2.6 | 79 |
| **17** W | 0538 | −0.1 | −3 |
| | 1216 | 2.7 | 82 |
| | 1814 | 0.0 | 0 |
| **18** Th | 0044 | 2.5 | 76 |
| | 0638 | 0.1 | 3 |
| | 1309 | 2.5 | 76 |
| | 1914 | 0.1 | 3 |
| **19** F ◑ | 0145 | 2.4 | 73 |
| | 0740 | 0.3 | 9 |
| | 1403 | 2.4 | 73 |
| | 2013 | 0.1 | 3 |
| **20** Sa | 0247 | 2.3 | 70 |
| | 0842 | 0.4 | 12 |
| | 1459 | 2.2 | 67 |
| | 2109 | 0.1 | 3 |
| **21** Su | 0349 | 2.3 | 70 |
| | 0940 | 0.5 | 15 |
| | 1554 | 2.2 | 67 |
| | 2203 | 0.1 | 3 |
| **22** M | 0447 | 2.3 | 70 |
| | 1034 | 0.5 | 15 |
| | 1647 | 2.1 | 64 |
| | 2253 | 0.0 | 0 |
| **23** Tu | 0539 | 2.3 | 70 |
| | 1124 | 0.5 | 15 |
| | 1737 | 2.1 | 64 |
| | 2339 | 0.0 | 0 |
| **24** W | 0626 | 2.3 | 70 |
| | 1209 | 0.4 | 12 |
| | 1823 | 2.1 | 64 |
| **25** Th | 0022 | 0.0 | 0 |
| | 0709 | 2.3 | 70 |
| | 1251 | 0.4 | 12 |
| | 1907 | 2.1 | 64 |
| **26** F | 0103 | −0.1 | −3 |
| | 0749 | 2.4 | 73 |
| | 1332 | 0.4 | 12 |
| | 1948 | 2.2 | 67 |
| **27** Sa ● | 0143 | −0.1 | −3 |
| | 0827 | 2.4 | 73 |
| | 1410 | 0.3 | 9 |
| | 2028 | 2.2 | 67 |
| **28** Su | 0220 | −0.1 | −3 |
| | 0905 | 2.4 | 73 |
| | 1448 | 0.3 | 9 |
| | 2107 | 2.2 | 67 |
| **29** M | 0256 | −0.1 | −3 |
| | 0942 | 2.4 | 73 |
| | 1524 | 0.3 | 9 |
| | 2147 | 2.2 | 67 |
| **30** Tu | 0332 | 0.0 | 0 |
| | 1019 | 2.3 | 70 |
| | 1601 | 0.2 | 6 |
| | 2227 | 2.1 | 64 |
| **31** W | 0409 | 0.0 | 0 |
| | 1055 | 2.3 | 70 |
| | 1638 | 0.2 | 6 |
| | 2309 | 2.1 | 64 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Vaca Key, Florida Bay, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0157 | 0.1 | 3 |
| | 0956 | 0.4 | 12 |
| | 1232 | 0.3 | 9 |
| | 1900 | 0.8 | 24 |
| **2** W | 0352 | 0.0 | 0 |
| | 1127 | 0.4 | 12 |
| | 1327 | 0.3 | 9 |
| | 1943 | 0.7 | 21 |
| **3** Th | 0447 | −0.2 | −6 |
| | 2030 | 0.7 | 21 |
| **4** F | 0547 | −0.2 | −6 |
| | 2124 | 0.7 | 21 |
| **5** Sa | 0658 | −0.2 | −6 |
| | 2223 | 0.8 | 24 |
| **6** Su | 0807 | −0.2 | −6 |
| | 2324 | 0.8 | 24 |
| **7** M | 0555 | −0.3 | −9 |
| | 1534 | 0.6 | 18 |
| | 1713 | 0.5 | 15 |
| **8** Tu ● | 0021 | 0.9 | 27 |
| | 0633 | −0.2 | −6 |
| | 1608 | 0.6 | 18 |
| | 1754 | 0.6 | 18 |
| **9** W | 0113 | 1.0 | 30 |
| | 0713 | −0.1 | −3 |
| | 1636 | 0.7 | 21 |
| | 1839 | 0.6 | 18 |
| **10** Th | 0202 | 1.1 | 34 |
| | 0754 | −0.1 | −3 |
| | 1658 | 0.7 | 21 |
| | 1929 | 0.6 | 18 |
| **11** F | 0252 | 1.1 | 34 |
| | 0835 | 0.0 | 0 |
| | 1712 | 0.7 | 21 |
| | 2022 | 0.5 | 15 |
| **12** Sa | 0344 | 1.0 | 30 |
| | 0917 | 0.1 | 3 |
| | 1721 | 0.8 | 24 |
| | 2121 | 0.4 | 12 |
| **13** Su | 0440 | 0.9 | 27 |
| | 0958 | 0.1 | 3 |
| | 1734 | 0.8 | 24 |
| | 2223 | 0.2 | 6 |
| **14** M | 0545 | 0.7 | 21 |
| | 1041 | 0.2 | 6 |
| | 1755 | 0.8 | 24 |
| | 2330 | 0.1 | 3 |
| **15** Tu ◐ | 0733 | 0.5 | 15 |
| | 1123 | 0.3 | 9 |
| | 1823 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0041 | −0.1 | −3 |
| | 1855 | 0.8 | 24 |
| **17** Th | 0151 | −0.3 | −9 |
| | 1934 | 0.8 | 24 |
| **18** F | 0258 | −0.4 | −12 |
| | 2020 | 0.8 | 24 |
| **19** Sa | 0649 | −0.4 | −12 |
| | 2119 | 0.9 | 27 |
| **20** Su | 0805 | −0.4 | −12 |
| | 2236 | 0.9 | 27 |
| **21** M | 0906 | −0.4 | −12 |
| | 1500 | 0.5 | 15 |
| | 1644 | 0.4 | 12 |
| **22** Tu ○ | 0005 | 0.9 | 27 |
| | 0619 | −0.3 | −9 |
| | 1533 | 0.5 | 15 |
| | 1739 | 0.4 | 12 |
| **23** W | 0115 | 1.0 | 30 |
| | 0658 | −0.2 | −6 |
| | 1603 | 0.6 | 18 |
| | 1832 | 0.4 | 12 |
| **24** Th | 0210 | 1.0 | 30 |
| | 0737 | 0.0 | 0 |
| | 1629 | 0.6 | 18 |
| | 1926 | 0.4 | 12 |
| **25** F | 0259 | 0.9 | 27 |
| | 0815 | 0.1 | 3 |
| | 1646 | 0.7 | 21 |
| | 2020 | 0.3 | 9 |
| **26** Sa | 0345 | 0.8 | 24 |
| | 0854 | 0.1 | 3 |
| | 1642 | 0.7 | 21 |
| | 2116 | 0.2 | 6 |
| **27** Su | 0431 | 0.7 | 21 |
| | 0934 | 0.2 | 6 |
| | 1640 | 0.7 | 21 |
| | 2213 | 0.1 | 3 |
| **28** M | 0521 | 0.5 | 15 |
| | 1015 | 0.2 | 6 |
| | 1705 | 0.7 | 21 |
| | 2313 | 0.0 | 0 |
| **29** Tu | 0627 | 0.3 | 9 |
| | 1057 | 0.2 | 6 |
| | 1741 | 0.7 | 21 |
| **30** W ◑ | 0016 | −0.2 | −6 |
| | 1824 | 0.6 | 18 |
| **31** Th | 0122 | −0.3 | −9 |
| | 1910 | 0.6 | 18 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0230 | −0.3 | −9 |
| | 2002 | 0.5 | 15 |
| **2** Sa | 0540 | −0.4 | −12 |
| | 2058 | 0.5 | 15 |
| **3** Su | 0653 | −0.4 | −12 |
| | 2202 | 0.6 | 18 |
| **4** M | 0756 | −0.4 | −12 |
| | 2310 | 0.7 | 21 |
| **5** Tu | 0847 | −0.3 | −9 |
| **6** W ● | 0016 | 0.8 | 24 |
| | 0612 | −0.2 | −6 |
| | 1527 | 0.5 | 15 |
| | 1740 | 0.4 | 12 |
| **7** Th | 0114 | 0.9 | 27 |
| | 0649 | −0.1 | −3 |
| | 1546 | 0.6 | 18 |
| | 1830 | 0.4 | 12 |
| **8** F | 0209 | 0.9 | 27 |
| | 0727 | 0.0 | 0 |
| | 1557 | 0.6 | 18 |
| | 1921 | 0.3 | 9 |
| **9** Sa | 0304 | 0.9 | 27 |
| | 0805 | 0.1 | 3 |
| | 1603 | 0.7 | 21 |
| | 2014 | 0.2 | 6 |
| **10** Su | 0401 | 0.8 | 24 |
| | 0843 | 0.2 | 6 |
| | 1613 | 0.8 | 24 |
| | 2109 | 0.0 | 0 |
| **11** M | 0504 | 0.7 | 21 |
| | 0922 | 0.2 | 6 |
| | 1634 | 0.8 | 24 |
| | 2207 | −0.1 | −3 |
| **12** Tu | 0626 | 0.5 | 15 |
| | 1000 | 0.3 | 9 |
| | 1703 | 0.8 | 24 |
| | 2308 | −0.3 | −9 |
| **13** W ◐ | 0829 | 0.4 | 12 |
| | 1038 | 0.3 | 9 |
| | 1739 | 0.8 | 24 |
| **14** Th | 0013 | −0.4 | −12 |
| | 1820 | 0.8 | 24 |
| **15** F | 0123 | −0.5 | −15 |
| | 1909 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0521 | −0.5 | −15 |
| | 2005 | 0.7 | 21 |
| **17** Su | 0643 | −0.5 | −15 |
| | 2116 | 0.7 | 21 |
| **18** M | 0752 | −0.4 | −12 |
| | 2319 | 0.7 | 21 |
| **19** Tu | 0844 | −0.3 | −9 |
| | 1421 | 0.4 | 12 |
| | 1643 | 0.2 | 6 |
| **20** W ○ | 0048 | 0.7 | 21 |
| | 0920 | −0.1 | −3 |
| | 1450 | 0.5 | 15 |
| | 1738 | 0.2 | 6 |
| **21** Th | 0148 | 0.8 | 24 |
| | 0630 | 0.0 | 0 |
| | 1516 | 0.5 | 15 |
| | 1829 | 0.2 | 6 |
| **22** F | 0240 | 0.7 | 21 |
| | 0706 | 0.1 | 3 |
| | 1533 | 0.6 | 18 |
| | 1919 | 0.1 | 3 |
| **23** Sa | 0328 | 0.7 | 21 |
| | 0742 | 0.1 | 3 |
| | 1531 | 0.6 | 18 |
| | 2007 | 0.0 | 0 |
| **24** Su | 0413 | 0.6 | 18 |
| | 0820 | 0.2 | 6 |
| | 1525 | 0.7 | 21 |
| | 2054 | −0.1 | −3 |
| **25** M | 0500 | 0.5 | 15 |
| | 0858 | 0.2 | 6 |
| | 1548 | 0.7 | 21 |
| | 2142 | −0.2 | −6 |
| **26** Tu | 0555 | 0.4 | 12 |
| | 0936 | 0.2 | 6 |
| | 1625 | 0.7 | 21 |
| | 2232 | −0.3 | −9 |
| **27** W | 0736 | 0.3 | 9 |
| | 1015 | 0.2 | 6 |
| | 1707 | 0.7 | 21 |
| | 2326 | −0.3 | −9 |
| **28** Th ◑ | 1753 | 0.6 | 18 |
| **29** F | 0026 | −0.4 | −12 |
| | 1842 | 0.6 | 18 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0132 | −0.4 | −12 |
| | 1935 | 0.5 | 15 |
| **2** Su | 0513 | −0.4 | −12 |
| | 2032 | 0.5 | 15 |
| **3** M | 0620 | −0.4 | −12 |
| | 2140 | 0.5 | 15 |
| **4** Tu | 0719 | −0.3 | −9 |
| | 1351 | 0.4 | 12 |
| | 1551 | 0.3 | 9 |
| | 2305 | 0.6 | 18 |
| **5** W | 0810 | −0.2 | −6 |
| | 1414 | 0.4 | 12 |
| | 1643 | 0.3 | 9 |
| **6** Th | 0032 | 0.7 | 21 |
| | 0541 | −0.1 | −3 |
| | 1432 | 0.5 | 15 |
| | 1732 | 0.2 | 6 |
| **7** F ● | 0139 | 0.8 | 24 |
| | 0617 | 0.1 | 3 |
| | 1443 | 0.6 | 18 |
| | 1822 | 0.1 | 3 |
| **8** Sa | 0238 | 0.8 | 24 |
| | 0653 | 0.2 | 6 |
| | 1447 | 0.7 | 21 |
| | 1911 | 0.0 | 0 |
| **9** Su | 0336 | 0.8 | 24 |
| | 0730 | 0.3 | 9 |
| | 1454 | 0.8 | 24 |
| | 2002 | −0.1 | −3 |
| **10** M | 0436 | 0.7 | 21 |
| | 0807 | 0.4 | 12 |
| | 1514 | 0.9 | 27 |
| | 2054 | −0.3 | −9 |
| **11** Tu | 0542 | 0.6 | 18 |
| | 0844 | 0.4 | 12 |
| | 1544 | 0.9 | 27 |
| | 2148 | −0.4 | −12 |
| **12** W | 0702 | 0.5 | 15 |
| | 0921 | 0.4 | 12 |
| | 1622 | 1.0 | 30 |
| | 2246 | −0.4 | −12 |
| **13** Th | 1707 | 0.9 | 27 |
| | 2347 | −0.4 | −12 |
| **14** F ◐ | 1757 | 0.8 | 24 |
| **15** Sa | 0054 | −0.4 | −12 |
| | 1851 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0452 | −0.4 | −12 |
| | 1954 | 0.7 | 21 |
| **17** M | 0559 | −0.3 | −9 |
| | 1230 | 0.3 | 9 |
| | 1439 | 0.2 | 6 |
| | 2131 | 0.6 | 18 |
| **18** Tu | 0654 | −0.2 | −6 |
| | 1303 | 0.4 | 12 |
| | 1549 | 0.2 | 6 |
| **19** W | 0002 | 0.6 | 18 |
| | 0443 | −0.1 | −3 |
| | 1333 | 0.4 | 12 |
| | 1648 | 0.1 | 3 |
| **20** Th | 0109 | 0.6 | 18 |
| | 0519 | 0.0 | 0 |
| | 1400 | 0.5 | 15 |
| | 1739 | 0.1 | 3 |
| **21** F ○ | 0206 | 0.6 | 18 |
| | 0555 | 0.1 | 3 |
| | 1420 | 0.6 | 18 |
| | 1824 | 0.0 | 0 |
| **22** Sa | 0258 | 0.7 | 21 |
| | 0631 | 0.2 | 6 |
| | 1422 | 0.7 | 21 |
| | 1906 | −0.1 | −3 |
| **23** Su | 0346 | 0.6 | 18 |
| | 0707 | 0.3 | 9 |
| | 1410 | 0.7 | 21 |
| | 1947 | −0.1 | −3 |
| **24** M | 0433 | 0.6 | 18 |
| | 0744 | 0.3 | 9 |
| | 1431 | 0.8 | 24 |
| | 2028 | −0.2 | −6 |
| **25** Tu | 0521 | 0.5 | 15 |
| | 0821 | 0.3 | 9 |
| | 1508 | 0.8 | 24 |
| | 2111 | −0.3 | −9 |
| **26** W | 0617 | 0.4 | 12 |
| | 0858 | 0.3 | 9 |
| | 1551 | 0.8 | 24 |
| | 2157 | −0.3 | −9 |
| **27** Th | 1637 | 0.8 | 24 |
| | 2248 | −0.3 | −9 |
| **28** F | 1725 | 0.7 | 21 |
| | 2345 | −0.3 | −9 |
| **29** Sa ◑ | 1815 | 0.6 | 18 |
| **30** Su | 0049 | −0.3 | −9 |
| | 1907 | 0.6 | 18 |
| **31** M | 0156 | −0.3 | −9 |
| | 2006 | 0.6 | 18 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Vaca Key, Florida Bay, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0257 | −0.2 | −6 |
| | 1233 | 0.4 | 12 |
| | 1443 | 0.3 | 9 |
| | 2121 | 0.5 | 15 |
| **2** W | 0345 | −0.1 | −3 |
| | 1255 | 0.4 | 12 |
| | 1543 | 0.3 | 9 |
| | 2337 | 0.6 | 18 |
| **3** Th | 0425 | 0.0 | 0 |
| | 1313 | 0.5 | 15 |
| | 1635 | 0.2 | 6 |
| **4** F | 0102 | 0.6 | 18 |
| | 0502 | 0.2 | 6 |
| | 1324 | 0.6 | 18 |
| | 1723 | 0.1 | 3 |
| **5** Sa ● | 0206 | 0.7 | 21 |
| | 0539 | 0.3 | 9 |
| | 1325 | 0.7 | 21 |
| | 1811 | −0.1 | −3 |
| **6** Su | 0304 | 0.8 | 24 |
| | 0615 | 0.4 | 12 |
| | 1329 | 0.8 | 24 |
| | 1859 | −0.2 | −6 |
| **7** M | 0401 | 0.8 | 24 |
| | 0651 | 0.5 | 15 |
| | 1349 | 1.0 | 30 |
| | 1947 | −0.3 | −9 |
| **8** Tu | 0459 | 0.7 | 21 |
| | 0728 | 0.6 | 18 |
| | 1423 | 1.1 | 34 |
| | 2037 | −0.4 | −12 |
| **9** W | 0600 | 0.6 | 18 |
| | 0806 | 0.5 | 15 |
| | 1506 | 1.1 | 34 |
| | 2129 | −0.4 | −12 |
| **10** Th | 1554 | 1.1 | 34 |
| | 2224 | −0.4 | −12 |
| **11** F | 1645 | 1.0 | 30 |
| | 2322 | −0.3 | −9 |
| **12** Sa ◐ | 1739 | 0.9 | 27 |
| **13** Su | 0024 | −0.3 | −9 |
| | 1836 | 0.8 | 24 |
| **14** M | 0128 | −0.2 | −6 |
| | 1101 | 0.4 | 12 |
| | 1323 | 0.3 | 9 |
| | 1943 | 0.6 | 18 |
| **15** Tu | 0227 | −0.1 | −3 |
| | 1137 | 0.4 | 12 |
| | 1453 | 0.2 | 6 |
| | 2249 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0317 | 0.0 | 0 |
| | 1210 | 0.5 | 15 |
| | 1606 | 0.1 | 3 |
| **17** Th | 0014 | 0.5 | 15 |
| | 0400 | 0.1 | 3 |
| | 1239 | 0.5 | 15 |
| | 1658 | 0.0 | 0 |
| **18** F | 0118 | 0.5 | 15 |
| | 0439 | 0.2 | 6 |
| | 1302 | 0.6 | 18 |
| | 1737 | −0.1 | −3 |
| **19** Sa | 0214 | 0.6 | 18 |
| | 0517 | 0.3 | 9 |
| | 1306 | 0.7 | 21 |
| | 1812 | −0.1 | −3 |
| **20** Su ○ | 0304 | 0.6 | 18 |
| | 0555 | 0.4 | 12 |
| | 1246 | 0.8 | 24 |
| | 1847 | −0.2 | −6 |
| **21** M | 0352 | 0.6 | 18 |
| | 0632 | 0.4 | 12 |
| | 1312 | 0.8 | 24 |
| | 1923 | −0.2 | −6 |
| **22** Tu | 0438 | 0.6 | 18 |
| | 0708 | 0.5 | 15 |
| | 1352 | 0.9 | 27 |
| | 2002 | −0.3 | −9 |
| **23** W | 0525 | 0.6 | 18 |
| | 0744 | 0.5 | 15 |
| | 1437 | 0.9 | 27 |
| | 2044 | −0.3 | −9 |
| **24** Th | 0617 | 0.5 | 15 |
| | 0819 | 0.4 | 12 |
| | 1523 | 0.9 | 27 |
| | 2129 | −0.3 | −9 |
| **25** F | 1610 | 0.9 | 27 |
| | 2219 | −0.3 | −9 |
| **26** Sa | 1658 | 0.8 | 24 |
| | 2313 | −0.3 | −9 |
| **27** Su | 1748 | 0.8 | 24 |
| **28** M ◑ | 0012 | −0.2 | −6 |
| | 1441 | 0.5 | 15 |
| | 1543 | 0.5 | 15 |
| | 1841 | 0.7 | 21 |
| **29** Tu | 0112 | −0.2 | −6 |
| | 1100 | 0.5 | 15 |
| | 1313 | 0.3 | 9 |
| | 1943 | 0.6 | 18 |
| **30** W | 0208 | −0.1 | −3 |
| | 1122 | 0.5 | 15 |
| | 1431 | 0.3 | 9 |
| | 2125 | 0.5 | 15 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0257 | 0.1 | 3 |
| | 1140 | 0.5 | 15 |
| | 1532 | 0.2 | 6 |
| **2** F | 0007 | 0.5 | 15 |
| | 0340 | 0.2 | 6 |
| | 1147 | 0.6 | 18 |
| | 1623 | 0.0 | 0 |
| **3** Sa | 0120 | 0.6 | 18 |
| | 0419 | 0.4 | 12 |
| | 1140 | 0.7 | 21 |
| | 1711 | −0.1 | −3 |
| **4** Su | 0221 | 0.7 | 21 |
| | 0457 | 0.5 | 15 |
| | 1148 | 0.8 | 24 |
| | 1757 | −0.3 | −9 |
| **5** M ● | 0318 | 0.7 | 21 |
| | 0535 | 0.6 | 18 |
| | 1216 | 1.0 | 30 |
| | 1844 | −0.4 | −12 |
| **6** Tu | 0412 | 0.7 | 21 |
| | 0612 | 0.6 | 18 |
| | 1259 | 1.1 | 34 |
| | 1932 | −0.4 | −12 |
| **7** W | 0505 | 0.7 | 21 |
| | 0652 | 0.6 | 18 |
| | 1349 | 1.2 | 37 |
| | 2020 | −0.4 | −12 |
| **8** Th | 1442 | 1.2 | 37 |
| | 2111 | −0.3 | −9 |
| **9** F | 1535 | 1.2 | 37 |
| | 2202 | −0.3 | −9 |
| **10** Sa | 1629 | 1.1 | 34 |
| | 2256 | −0.2 | −6 |
| **11** Su ◐ | 1724 | 0.9 | 27 |
| | 2350 | −0.1 | −3 |
| **12** M | 0916 | 0.5 | 15 |
| | 1152 | 0.4 | 12 |
| | 1821 | 0.7 | 21 |
| **13** Tu | 0046 | 0.0 | 0 |
| | 0956 | 0.5 | 15 |
| | 1332 | 0.3 | 9 |
| | 1934 | 0.5 | 15 |
| **14** W | 0139 | 0.1 | 3 |
| | 1032 | 0.5 | 15 |
| | 1609 | 0.1 | 3 |
| | 2301 | 0.4 | 12 |
| **15** Th | 0229 | 0.1 | 3 |
| | 1104 | 0.6 | 18 |
| | 1709 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0018 | 0.4 | 12 |
| | 0316 | 0.2 | 6 |
| | 1126 | 0.6 | 18 |
| | 1725 | −0.1 | −3 |
| **17** Sa | 0120 | 0.5 | 15 |
| | 0400 | 0.3 | 9 |
| | 1035 | 0.7 | 21 |
| | 1728 | −0.2 | −6 |
| **18** Su | 0214 | 0.5 | 15 |
| | 0441 | 0.4 | 12 |
| | 1106 | 0.7 | 21 |
| | 1753 | −0.2 | −6 |
| **19** M ○ | 0303 | 0.5 | 15 |
| | 0520 | 0.4 | 12 |
| | 1150 | 0.8 | 24 |
| | 1825 | −0.2 | −6 |
| **20** Tu | 0349 | 0.6 | 18 |
| | 0556 | 0.5 | 15 |
| | 1238 | 0.9 | 27 |
| | 1900 | −0.2 | −6 |
| **21** W | 0434 | 0.6 | 18 |
| | 0632 | 0.5 | 15 |
| | 1326 | 0.9 | 27 |
| | 1939 | −0.2 | −6 |
| **22** Th | 0519 | 0.6 | 18 |
| | 0707 | 0.5 | 15 |
| | 1413 | 1.0 | 30 |
| | 2021 | −0.2 | −6 |
| **23** F | 1500 | 1.0 | 30 |
| | 2106 | −0.2 | −6 |
| **24** Sa | 1547 | 1.0 | 30 |
| | 2154 | −0.2 | −6 |
| **25** Su | 1635 | 0.9 | 27 |
| | 2244 | −0.2 | −6 |
| **26** M | 1334 | 0.7 | 21 |
| | 1436 | 0.7 | 21 |
| | 1726 | 0.8 | 24 |
| | 2336 | −0.1 | −3 |
| **27** Tu ◑ | 0846 | 0.5 | 15 |
| | 1134 | 0.4 | 12 |
| | 1822 | 0.7 | 21 |
| **28** W | 0028 | 0.0 | 0 |
| | 0904 | 0.5 | 15 |
| | 1256 | 0.3 | 9 |
| | 1933 | 0.5 | 15 |
| **29** Th | 0119 | 0.1 | 3 |
| | 0902 | 0.6 | 18 |
| | 1412 | 0.1 | 3 |
| | 2249 | 0.4 | 12 |
| **30** F | 0208 | 0.2 | 6 |
| | 0911 | 0.6 | 18 |
| | 1514 | 0.0 | 0 |
| **31** Sa | 0022 | 0.5 | 15 |
| | 0252 | 0.4 | 12 |
| | 0932 | 0.7 | 21 |
| | 1607 | −0.2 | −6 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0130 | 0.6 | 18 |
| | 0334 | 0.5 | 15 |
| | 1000 | 0.8 | 24 |
| | 1656 | −0.3 | −9 |
| **2** M | 1039 | 1.0 | 30 |
| | 1743 | −0.4 | −12 |
| **3** Tu ● | 0321 | 0.7 | 21 |
| | 0456 | 0.6 | 18 |
| | 1132 | 1.1 | 34 |
| | 1830 | −0.4 | −12 |
| **4** W | 1234 | 1.2 | 37 |
| | 1917 | −0.4 | −12 |
| **5** Th | 1335 | 1.2 | 37 |
| | 2004 | −0.3 | −9 |
| **6** F | 1431 | 1.2 | 37 |
| | 2051 | −0.2 | −6 |
| **7** Sa | 1526 | 1.2 | 37 |
| | 2138 | −0.1 | −3 |
| **8** Su | 0651 | 0.6 | 18 |
| | 0911 | 0.5 | 15 |
| | 1619 | 1.0 | 30 |
| | 2225 | 0.0 | 0 |
| **9** M | 0723 | 0.6 | 18 |
| | 1023 | 0.4 | 12 |
| | 1712 | 0.8 | 24 |
| | 2312 | 0.1 | 3 |
| **10** Tu ◐ | 0751 | 0.6 | 18 |
| | 1145 | 0.3 | 9 |
| | 1810 | 0.6 | 18 |
| **11** W | 0001 | 0.1 | 3 |
| | 0757 | 0.6 | 18 |
| | 1357 | 0.2 | 6 |
| | 2111 | 0.4 | 12 |
| **12** Th | 0052 | 0.2 | 6 |
| | 0738 | 0.6 | 18 |
| | 1604 | 0.0 | 0 |
| | 2303 | 0.3 | 9 |
| **13** F | 0144 | 0.2 | 6 |
| | 0806 | 0.7 | 21 |
| | 1658 | −0.1 | −3 |
| **14** Sa | 0016 | 0.4 | 12 |
| | 0235 | 0.3 | 9 |
| | 0847 | 0.7 | 21 |
| | 1748 | −0.2 | −6 |
| **15** Su | 0116 | 0.4 | 12 |
| | 0323 | 0.3 | 9 |
| | 0934 | 0.7 | 21 |
| | 1711 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0207 | 0.4 | 12 |
| | 0407 | 0.3 | 9 |
| | 1027 | 0.7 | 21 |
| | 1733 | −0.3 | −9 |
| **17** Tu | 0255 | 0.5 | 15 |
| | 0446 | 0.4 | 12 |
| | 1124 | 0.8 | 24 |
| | 1804 | −0.3 | −9 |
| **18** W ○ | 0339 | 0.5 | 15 |
| | 0523 | 0.5 | 15 |
| | 1218 | 0.9 | 27 |
| | 1840 | −0.2 | −6 |
| **19** Th | 0420 | 0.6 | 18 |
| | 0559 | 0.5 | 15 |
| | 1309 | 1.0 | 30 |
| | 1919 | −0.2 | −6 |
| **20** F | 1356 | 1.0 | 30 |
| | 2001 | −0.2 | −6 |
| **21** Sa | 1443 | 1.1 | 34 |
| | 2044 | −0.1 | −3 |
| **22** Su | 0559 | 0.7 | 21 |
| | 0810 | 0.6 | 18 |
| | 1531 | 1.0 | 30 |
| | 2128 | −0.1 | −3 |
| **23** M | 0618 | 0.7 | 21 |
| | 0906 | 0.5 | 15 |
| | 1621 | 1.0 | 30 |
| | 2213 | 0.0 | 0 |
| **24** Tu | 0628 | 0.7 | 21 |
| | 1009 | 0.5 | 15 |
| | 1715 | 0.8 | 24 |
| | 2258 | 0.1 | 3 |
| **25** W | 0641 | 0.7 | 21 |
| | 1119 | 0.3 | 9 |
| | 1818 | 0.6 | 18 |
| | 2344 | 0.2 | 6 |
| **26** Th ◑ | 0703 | 0.7 | 21 |
| | 1232 | 0.2 | 6 |
| | 2007 | 0.5 | 15 |
| **27** F | 0031 | 0.3 | 9 |
| | 0730 | 0.7 | 21 |
| | 1344 | 0.0 | 0 |
| | 2308 | 0.4 | 12 |
| **28** Sa | 0118 | 0.3 | 9 |
| | 0800 | 0.8 | 24 |
| | 1450 | −0.2 | −6 |
| **29** Su | 0835 | 0.8 | 24 |
| | 1548 | −0.3 | −9 |
| **30** M | 0918 | 0.9 | 27 |
| | 1640 | −0.4 | −12 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Vaca Key, Florida Bay, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0226 | 0.6 | 18 |
| | 1014 | 1.0 | 30 |
| | 1730 | −0.4 | −12 |
| **2** W ● | 0311 | 0.6 | 18 |
| | 0426 | 0.6 | 18 |
| | 1124 | 1.1 | 34 |
| | 1816 | −0.3 | −9 |
| **3** Th | 0350 | 0.6 | 18 |
| | 0517 | 0.6 | 18 |
| | 1235 | 1.2 | 37 |
| | 1901 | −0.2 | −6 |
| **4** F | 0425 | 0.6 | 18 |
| | 0610 | 0.6 | 18 |
| | 1338 | 1.2 | 37 |
| | 1944 | −0.1 | −3 |
| **5** Sa | 0457 | 0.7 | 21 |
| | 0706 | 0.5 | 15 |
| | 1434 | 1.2 | 37 |
| | 2026 | 0.0 | 0 |
| **6** Su | 0525 | 0.7 | 21 |
| | 0804 | 0.5 | 15 |
| | 1526 | 1.1 | 34 |
| | 2108 | 0.1 | 3 |
| **7** M | 0546 | 0.7 | 21 |
| | 0905 | 0.4 | 12 |
| | 1617 | 1.0 | 30 |
| | 2150 | 0.2 | 6 |
| **8** Tu | 0553 | 0.8 | 24 |
| | 1011 | 0.4 | 12 |
| | 1709 | 0.8 | 24 |
| | 2233 | 0.2 | 6 |
| **9** W ◐ | 0547 | 0.8 | 24 |
| | 1122 | 0.2 | 6 |
| | 1810 | 0.6 | 18 |
| | 2318 | 0.3 | 9 |
| **10** Th | 0608 | 0.8 | 24 |
| | 1242 | 0.1 | 3 |
| | 2120 | 0.4 | 12 |
| **11** F | 0007 | 0.3 | 9 |
| | 0642 | 0.8 | 24 |
| | 1524 | 0.0 | 0 |
| | 2258 | 0.3 | 9 |
| **12** Sa | 0101 | 0.2 | 6 |
| | 0724 | 0.7 | 21 |
| | 1630 | −0.2 | −6 |
| **13** Su | 0812 | 0.7 | 21 |
| | 1738 | −0.2 | −6 |
| **14** M | 0906 | 0.7 | 21 |
| | 1853 | −0.2 | −6 |
| **15** Tu | 1006 | 0.8 | 24 |
| | 2003 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 1108 | 0.8 | 24 |
| | 2058 | −0.2 | −6 |
| **17** Th | 1207 | 0.9 | 27 |
| | 2143 | −0.1 | −3 |
| **18** F ○ | 0352 | 0.6 | 18 |
| | 0536 | 0.5 | 15 |
| | 1259 | 1.0 | 30 |
| | 1859 | 0.0 | 0 |
| **19** Sa | 0420 | 0.7 | 21 |
| | 0621 | 0.6 | 18 |
| | 1348 | 1.1 | 34 |
| | 1938 | 0.0 | 0 |
| **20** Su | 0440 | 0.7 | 21 |
| | 0709 | 0.6 | 18 |
| | 1437 | 1.1 | 34 |
| | 2017 | 0.1 | 3 |
| **21** M | 0453 | 0.8 | 24 |
| | 0801 | 0.6 | 18 |
| | 1527 | 1.1 | 34 |
| | 2057 | 0.2 | 6 |
| **22** Tu | 0500 | 0.8 | 24 |
| | 0856 | 0.5 | 15 |
| | 1621 | 1.0 | 30 |
| | 2138 | 0.2 | 6 |
| **23** W | 0513 | 0.9 | 27 |
| | 0955 | 0.3 | 9 |
| | 1721 | 0.8 | 24 |
| | 2219 | 0.3 | 9 |
| **24** Th | 0536 | 0.9 | 27 |
| | 1058 | 0.2 | 6 |
| | 1841 | 0.6 | 18 |
| | 2301 | 0.4 | 12 |
| **25** F ◑ | 0606 | 0.9 | 27 |
| | 1205 | 0.0 | 0 |
| | 2130 | 0.5 | 15 |
| | 2342 | 0.4 | 12 |
| **26** Sa | 0640 | 0.9 | 27 |
| | 1315 | −0.1 | −3 |
| **27** Su | 0719 | 0.9 | 27 |
| | 1424 | −0.2 | −6 |
| **28** M | 0805 | 1.0 | 30 |
| | 1826 | −0.2 | −6 |
| **29** Tu | 0902 | 1.0 | 30 |
| | 1945 | −0.3 | −9 |
| **30** W | 1015 | 1.1 | 34 |
| | 2049 | −0.2 | −6 |
| **31** Th | 1145 | 1.1 | 34 |
| | 2140 | −0.1 | −3 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0312 | 0.7 | 21 |
| | 0512 | 0.6 | 18 |
| | 1302 | 1.2 | 37 |
| | 2219 | 0.1 | 3 |
| **2** Sa | 0342 | 0.7 | 21 |
| | 0607 | 0.6 | 18 |
| | 1402 | 1.2 | 37 |
| | 1918 | 0.2 | 6 |
| **3** Su | 0407 | 0.8 | 24 |
| | 0702 | 0.5 | 15 |
| | 1455 | 1.2 | 37 |
| | 1956 | 0.3 | 9 |
| **4** M | 0425 | 0.9 | 27 |
| | 0757 | 0.5 | 15 |
| | 1545 | 1.1 | 34 |
| | 2034 | 0.4 | 12 |
| **5** Tu | 0427 | 0.9 | 27 |
| | 0852 | 0.4 | 12 |
| | 1634 | 1.0 | 30 |
| | 2114 | 0.4 | 12 |
| **6** W | 0424 | 1.0 | 30 |
| | 0949 | 0.3 | 9 |
| | 1728 | 0.8 | 24 |
| | 2155 | 0.5 | 15 |
| **7** Th | 0446 | 1.0 | 30 |
| | 1046 | 0.2 | 6 |
| | 1903 | 0.6 | 18 |
| | 2238 | 0.5 | 15 |
| **8** F ◐ | 0522 | 1.0 | 30 |
| | 1148 | 0.1 | 3 |
| | 2113 | 0.5 | 15 |
| | 2324 | 0.4 | 12 |
| **9** Sa | 0605 | 0.9 | 27 |
| | 1253 | 0.0 | 0 |
| **10** Su | 0653 | 0.9 | 27 |
| | 1406 | 0.0 | 0 |
| **11** M | 0745 | 0.8 | 24 |
| | 1721 | −0.1 | −3 |
| **12** Tu | 0843 | 0.8 | 24 |
| | 1835 | −0.1 | −3 |
| **13** W | 0947 | 0.9 | 27 |
| | 1938 | 0.0 | 0 |
| **14** Th | 1058 | 0.9 | 27 |
| | 2030 | 0.0 | 0 |
| **15** F | 0241 | 0.7 | 21 |
| | 0439 | 0.6 | 18 |
| | 1206 | 1.0 | 30 |
| | 2113 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0306 | 0.8 | 24 |
| | 0525 | 0.6 | 18 |
| | 1305 | 1.1 | 34 |
| | 1833 | 0.2 | 6 |
| **17** Su | 0325 | 0.8 | 24 |
| | 0612 | 0.6 | 18 |
| | 1358 | 1.2 | 37 |
| | 1909 | 0.4 | 12 |
| **18** M | 0336 | 0.9 | 27 |
| | 0700 | 0.6 | 18 |
| | 1450 | 1.2 | 37 |
| | 1945 | 0.5 | 15 |
| **19** Tu | 0340 | 1.0 | 30 |
| | 0751 | 0.5 | 15 |
| | 1545 | 1.2 | 37 |
| | 2023 | 0.5 | 15 |
| **20** W | 0351 | 1.1 | 34 |
| | 0843 | 0.4 | 12 |
| | 1644 | 1.1 | 34 |
| | 2101 | 0.6 | 18 |
| **21** Th | 0414 | 1.1 | 34 |
| | 0938 | 0.2 | 6 |
| | 1756 | 0.9 | 27 |
| | 2139 | 0.7 | 21 |
| **22** F | 0444 | 1.2 | 37 |
| | 1036 | 0.1 | 3 |
| | 1942 | 0.8 | 24 |
| | 2217 | 0.7 | 21 |
| **23** Sa ◑ | 0521 | 1.2 | 37 |
| | 1138 | 0.0 | 0 |
| **24** Su | 0603 | 1.2 | 37 |
| | 1246 | 0.0 | 0 |
| **25** M | 0652 | 1.2 | 37 |
| | 1652 | 0.0 | 0 |
| **26** Tu | 0748 | 1.1 | 34 |
| | 1813 | 0.0 | 0 |
| **27** W | 0857 | 1.1 | 34 |
| | 1925 | 0.0 | 0 |
| **28** Th | 1051 | 1.1 | 34 |
| | 2023 | 0.1 | 3 |
| **29** F | 0156 | 0.8 | 24 |
| | 0418 | 0.6 | 18 |
| | 1230 | 1.2 | 37 |
| | 2107 | 0.3 | 9 |
| **30** Sa ● | 0225 | 0.9 | 27 |
| | 0514 | 0.6 | 18 |
| | 1335 | 1.2 | 37 |
| | 1810 | 0.4 | 12 |
| **31** Su | 0251 | 0.9 | 27 |
| | 0607 | 0.6 | 18 |
| | 1430 | 1.2 | 37 |
| | 1845 | 0.6 | 18 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0309 | 1.0 | 30 |
| | 0657 | 0.5 | 15 |
| | 1522 | 1.2 | 37 |
| | 1922 | 0.6 | 18 |
| **2** Tu | 0311 | 1.1 | 34 |
| | 0745 | 0.4 | 12 |
| | 1612 | 1.1 | 34 |
| | 1959 | 0.7 | 21 |
| **3** W | 0303 | 1.2 | 37 |
| | 0832 | 0.4 | 12 |
| | 1703 | 1.0 | 30 |
| | 2038 | 0.7 | 21 |
| **4** Th | 0326 | 1.2 | 37 |
| | 0920 | 0.3 | 9 |
| | 1759 | 0.9 | 27 |
| | 2118 | 0.7 | 21 |
| **5** F | 0402 | 1.2 | 37 |
| | 1009 | 0.2 | 6 |
| | 1918 | 0.8 | 24 |
| | 2158 | 0.7 | 21 |
| **6** Sa | 0446 | 1.2 | 37 |
| | 1102 | 0.2 | 6 |
| **7** Su ◐ | 0534 | 1.1 | 34 |
| | 1200 | 0.2 | 6 |
| **8** M | 0625 | 1.0 | 30 |
| | 1307 | 0.2 | 6 |
| **9** Tu | 0719 | 1.0 | 30 |
| | 1651 | 0.2 | 6 |
| **10** W | 0818 | 1.0 | 30 |
| | 1755 | 0.2 | 6 |
| **11** Th | 0926 | 1.0 | 30 |
| | 1852 | 0.2 | 6 |
| **12** F | 0125 | 0.8 | 24 |
| | 0343 | 0.7 | 21 |
| | 1058 | 1.1 | 34 |
| | 1943 | 0.4 | 12 |
| **13** Sa | 0150 | 0.9 | 27 |
| | 0431 | 0.7 | 21 |
| | 1227 | 1.1 | 34 |
| | 1725 | 0.5 | 15 |
| **14** Su | 0208 | 1.0 | 30 |
| | 0517 | 0.7 | 21 |
| | 1330 | 1.2 | 37 |
| | 1759 | 0.6 | 18 |
| **15** M ○ | 0219 | 1.0 | 30 |
| | 0603 | 0.6 | 18 |
| | 1426 | 1.3 | 40 |
| | 1834 | 0.7 | 21 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0220 | 1.1 | 34 |
| | 0649 | 0.5 | 15 |
| | 1521 | 1.3 | 40 |
| | 1909 | 0.8 | 24 |
| **17** W | 0228 | 1.3 | 40 |
| | 0737 | 0.4 | 12 |
| | 1618 | 1.3 | 40 |
| | 1946 | 0.9 | 27 |
| **18** Th | 0250 | 1.4 | 43 |
| | 0827 | 0.3 | 9 |
| | 1719 | 1.2 | 37 |
| | 2022 | 1.0 | 30 |
| **19** F | 0322 | 1.4 | 43 |
| | 0919 | 0.2 | 6 |
| | 1831 | 1.1 | 34 |
| | 2059 | 1.0 | 30 |
| **20** Sa | 0401 | 1.5 | 46 |
| | 1014 | 0.1 | 3 |
| **21** Su | 0446 | 1.5 | 46 |
| | 1114 | 0.1 | 3 |
| **22** M ◑ | 0537 | 1.4 | 43 |
| | 1219 | 0.2 | 6 |
| **23** Tu | 0632 | 1.3 | 40 |
| | 1626 | 0.2 | 6 |
| **24** W | 0736 | 1.2 | 37 |
| | 1730 | 0.3 | 9 |
| **25** Th | 0002 | 0.9 | 27 |
| | 0210 | 0.8 | 24 |
| | 0908 | 1.2 | 37 |
| | 1826 | 0.4 | 12 |
| **26** F | 0035 | 0.9 | 27 |
| | 0324 | 0.7 | 21 |
| | 1139 | 1.1 | 34 |
| | 1619 | 0.5 | 15 |
| **27** Sa | 0105 | 1.0 | 30 |
| | 0426 | 0.6 | 18 |
| | 1252 | 1.2 | 37 |
| | 1657 | 0.6 | 18 |
| **28** Su | 0133 | 1.1 | 34 |
| | 0518 | 0.6 | 18 |
| | 1352 | 1.2 | 37 |
| | 1733 | 0.7 | 21 |
| **29** M ● | 0153 | 1.1 | 34 |
| | 0604 | 0.5 | 15 |
| | 1445 | 1.2 | 37 |
| | 1810 | 0.8 | 24 |
| **30** Tu | 0157 | 1.2 | 37 |
| | 0646 | 0.4 | 12 |
| | 1536 | 1.2 | 37 |
| | 1847 | 0.9 | 27 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Vaca Key, Florida Bay, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0141 | 1.3 | 40 |
| | 0727 | 0.4 | 12 |
| | 1624 | 1.2 | 37 |
| | 1925 | 0.9 | 27 |
| **2** Th | 0204 | 1.4 | 43 |
| | 0808 | 0.3 | 9 |
| | 1713 | 1.1 | 34 |
| | 2003 | 0.9 | 27 |
| **3** F | 0243 | 1.4 | 43 |
| | 0850 | 0.3 | 9 |
| | 1805 | 1.0 | 30 |
| | 2041 | 0.9 | 27 |
| **4** Sa | 0328 | 1.4 | 43 |
| | 0936 | 0.3 | 9 |
| | 1911 | 1.0 | 30 |
| | 2119 | 0.9 | 27 |
| **5** Su | 0416 | 1.3 | 40 |
| | 1025 | 0.3 | 9 |
| **6** M | 0506 | 1.3 | 40 |
| | 1120 | 0.3 | 9 |
| **7** Tu ◐ | 0557 | 1.2 | 37 |
| | 1223 | 0.3 | 9 |
| **8** W | 0651 | 1.1 | 34 |
| | 1331 | 0.3 | 9 |
| **9** Th | 0751 | 1.1 | 34 |
| | 1656 | 0.4 | 12 |
| **10** F | 0004 | 0.9 | 27 |
| | 0237 | 0.8 | 24 |
| | 0907 | 1.1 | 34 |
| | 1528 | 0.5 | 15 |
| **11** Sa | 0027 | 1.0 | 30 |
| | 0334 | 0.8 | 24 |
| | 1132 | 1.1 | 34 |
| | 1608 | 0.6 | 18 |
| **12** Su | 0046 | 1.0 | 30 |
| | 0422 | 0.7 | 21 |
| | 1251 | 1.2 | 37 |
| | 1644 | 0.7 | 21 |
| **13** M | 0055 | 1.1 | 34 |
| | 0506 | 0.6 | 18 |
| | 1353 | 1.2 | 37 |
| | 1719 | 0.9 | 27 |
| **14** Tu ○ | 0052 | 1.2 | 37 |
| | 0550 | 0.4 | 12 |
| | 1449 | 1.3 | 40 |
| | 1755 | 1.0 | 30 |
| **15** W | 0058 | 1.3 | 40 |
| | 0636 | 0.3 | 9 |
| | 1543 | 1.3 | 40 |
| | 1831 | 1.1 | 34 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0122 | 1.5 | 46 |
| | 0722 | 0.2 | 6 |
| | 1638 | 1.3 | 40 |
| | 1907 | 1.1 | 34 |
| **17** F | 0158 | 1.6 | 49 |
| | 0810 | 0.2 | 6 |
| | 1735 | 1.2 | 37 |
| | 1945 | 1.1 | 34 |
| **18** Sa | 0241 | 1.6 | 49 |
| | 0901 | 0.1 | 3 |
| **19** Su | 0330 | 1.6 | 49 |
| | 0954 | 0.2 | 6 |
| **20** M | 0423 | 1.6 | 49 |
| | 1050 | 0.2 | 6 |
| **21** Tu ◑ | 0518 | 1.5 | 46 |
| | 1150 | 0.3 | 9 |
| **22** W | 0617 | 1.3 | 40 |
| | 1253 | 0.4 | 12 |
| | 2228 | 1.0 | 30 |
| **23** Th | 0050 | 0.9 | 27 |
| | 0726 | 1.2 | 37 |
| | 1354 | 0.5 | 15 |
| | 2304 | 1.0 | 30 |
| **24** F | 0222 | 0.7 | 21 |
| | 1022 | 1.1 | 34 |
| | 1448 | 0.6 | 18 |
| | 2338 | 1.0 | 30 |
| **25** Sa | 0342 | 0.6 | 18 |
| | 1155 | 1.1 | 34 |
| | 1534 | 0.7 | 21 |
| **26** Su | 0008 | 1.1 | 34 |
| | 0438 | 0.5 | 15 |
| | 1301 | 1.1 | 34 |
| | 1616 | 0.8 | 24 |
| **27** M | 0031 | 1.1 | 34 |
| | 0519 | 0.4 | 12 |
| | 1359 | 1.1 | 34 |
| | 1656 | 0.9 | 27 |
| **28** Tu ● | 0034 | 1.2 | 37 |
| | 0554 | 0.3 | 9 |
| | 1450 | 1.1 | 34 |
| | 1735 | 0.9 | 27 |
| **29** W | 0009 | 1.3 | 40 |
| | 0629 | 0.3 | 9 |
| | 1539 | 1.1 | 34 |
| | 1814 | 1.0 | 30 |
| **30** Th | 0042 | 1.3 | 40 |
| | 0705 | 0.3 | 9 |
| | 1625 | 1.1 | 34 |
| | 1852 | 1.0 | 30 |
| **31** F | 0126 | 1.4 | 43 |
| | 0744 | 0.2 | 6 |
| | 1711 | 1.1 | 34 |
| | 1929 | 1.0 | 30 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0213 | 1.4 | 43 |
| | 0825 | 0.2 | 6 |
| | 1758 | 1.0 | 30 |
| | 2005 | 0.9 | 27 |
| **2** Su | 0301 | 1.4 | 43 |
| | 0909 | 0.2 | 6 |
| **3** M | 0350 | 1.4 | 43 |
| | 0956 | 0.3 | 9 |
| **4** Tu | 0439 | 1.3 | 40 |
| | 1048 | 0.3 | 9 |
| **5** W ◐ | 0530 | 1.2 | 37 |
| | 1144 | 0.3 | 9 |
| **6** Th | 0212 | 1.0 | 30 |
| | 0317 | 1.0 | 30 |
| | 0624 | 1.1 | 34 |
| | 1243 | 0.4 | 12 |
| | 2222 | 0.9 | 27 |
| **7** F | 0411 | 0.9 | 27 |
| | 0726 | 1.0 | 30 |
| | 1341 | 0.5 | 15 |
| | 2247 | 0.9 | 27 |
| **8** Sa | 0459 | 0.7 | 21 |
| | 0904 | 0.9 | 27 |
| | 1433 | 0.6 | 18 |
| | 2301 | 1.0 | 30 |
| **9** Su | 0319 | 0.6 | 18 |
| | 1154 | 1.0 | 30 |
| | 1518 | 0.7 | 21 |
| | 2257 | 1.0 | 30 |
| **10** M | 0406 | 0.4 | 12 |
| | 1306 | 1.0 | 30 |
| | 1559 | 0.8 | 24 |
| | 2253 | 1.1 | 34 |
| **11** Tu | 0451 | 0.3 | 9 |
| | 1405 | 1.1 | 34 |
| | 1637 | 0.9 | 27 |
| | 2314 | 1.2 | 37 |
| **12** W | 0535 | 0.1 | 3 |
| | 1500 | 1.2 | 37 |
| | 1715 | 1.0 | 30 |
| | 2347 | 1.4 | 43 |
| **13** Th ○ | 0621 | 0.1 | 3 |
| | 1552 | 1.2 | 37 |
| | 1752 | 1.1 | 34 |
| **14** F | 0031 | 1.5 | 46 |
| | 0707 | 0.0 | 0 |
| | 1643 | 1.2 | 37 |
| | 1831 | 1.1 | 34 |
| **15** Sa | 0123 | 1.6 | 49 |
| | 0755 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0218 | 1.6 | 49 |
| | 0844 | 0.1 | 3 |
| **17** M | 0313 | 1.6 | 49 |
| | 0934 | 0.2 | 6 |
| **18** Tu | 0408 | 1.5 | 46 |
| | 1026 | 0.3 | 9 |
| | 1953 | 1.0 | 30 |
| | 2200 | 0.9 | 27 |
| **19** W ◑ | 0504 | 1.4 | 43 |
| | 1118 | 0.3 | 9 |
| | 2035 | 0.9 | 27 |
| | 2320 | 0.8 | 24 |
| **20** Th | 0605 | 1.1 | 34 |
| | 1212 | 0.4 | 12 |
| | 2113 | 0.9 | 27 |
| **21** F | 0054 | 0.7 | 21 |
| | 0726 | 0.9 | 27 |
| | 1305 | 0.5 | 15 |
| | 2149 | 1.0 | 30 |
| **22** Sa | 0343 | 0.5 | 15 |
| | 1039 | 0.8 | 24 |
| | 1358 | 0.6 | 18 |
| | 2219 | 1.0 | 30 |
| **23** Su | 0446 | 0.3 | 9 |
| | 1201 | 0.8 | 24 |
| | 1449 | 0.6 | 18 |
| | 2117 | 1.0 | 30 |
| **24** M | 0509 | 0.2 | 6 |
| | 1304 | 0.8 | 24 |
| | 1537 | 0.7 | 21 |
| | 2145 | 1.0 | 30 |
| **25** Tu | 0513 | 0.1 | 3 |
| | 1358 | 0.9 | 27 |
| | 1621 | 0.7 | 21 |
| | 2229 | 1.1 | 34 |
| **26** W | 0538 | 0.1 | 3 |
| | 1447 | 0.9 | 27 |
| | 1703 | 0.8 | 24 |
| | 2319 | 1.1 | 34 |
| **27** Th ● | 0609 | 0.1 | 3 |
| | 1533 | 0.9 | 27 |
| | 1743 | 0.8 | 24 |
| **28** F | 0012 | 1.2 | 37 |
| | 0644 | 0.1 | 3 |
| | 1617 | 0.9 | 27 |
| | 1820 | 0.8 | 24 |
| **29** Sa | 0104 | 1.2 | 37 |
| | 0722 | 0.1 | 3 |
| | 1659 | 0.9 | 27 |
| | 1857 | 0.8 | 24 |
| **30** Su | 0153 | 1.3 | 40 |
| | 0803 | 0.1 | 3 |
| | 1740 | 0.9 | 27 |
| | 1935 | 0.8 | 24 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0241 | 1.3 | 40 |
| | 0846 | 0.1 | 3 |
| | 1819 | 0.9 | 27 |
| | 2016 | 0.8 | 24 |
| **2** Tu | 0329 | 1.3 | 40 |
| | 0931 | 0.2 | 6 |
| | 1854 | 0.9 | 27 |
| | 2104 | 0.8 | 24 |
| **3** W | 0417 | 1.2 | 37 |
| | 1018 | 0.2 | 6 |
| | 1921 | 0.9 | 27 |
| | 2203 | 0.8 | 24 |
| **4** Th | 0508 | 1.1 | 34 |
| | 1107 | 0.2 | 6 |
| | 1933 | 0.9 | 27 |
| | 2314 | 0.7 | 21 |
| **5** F ◐ | 0604 | 1.0 | 30 |
| | 1158 | 0.3 | 9 |
| | 1940 | 0.8 | 24 |
| **6** Sa | 0033 | 0.5 | 15 |
| | 0712 | 0.8 | 24 |
| | 1249 | 0.4 | 12 |
| | 2002 | 0.9 | 27 |
| **7** Su | 0148 | 0.4 | 12 |
| | 1030 | 0.7 | 21 |
| | 1339 | 0.5 | 15 |
| | 2029 | 0.9 | 27 |
| **8** M | 0251 | 0.2 | 6 |
| | 1207 | 0.7 | 21 |
| | 1427 | 0.6 | 18 |
| | 2058 | 0.9 | 27 |
| **9** Tu | 0344 | 0.0 | 0 |
| | 1314 | 0.8 | 24 |
| | 1511 | 0.7 | 21 |
| | 2131 | 1.0 | 30 |
| **10** W | 0433 | −0.1 | −3 |
| | 1412 | 0.9 | 27 |
| | 1553 | 0.8 | 24 |
| | 2211 | 1.1 | 34 |
| **11** Th | 0520 | −0.2 | −6 |
| | 2304 | 1.3 | 40 |
| **12** F ○ | 0606 | −0.2 | −6 |
| **13** Sa | 0009 | 1.4 | 43 |
| | 0653 | −0.2 | −6 |
| **14** Su | 0112 | 1.4 | 43 |
| | 0740 | −0.1 | −3 |
| | 1710 | 0.9 | 27 |
| | 1854 | 0.8 | 24 |
| **15** M | 0211 | 1.4 | 43 |
| | 0826 | 0.0 | 0 |
| | 1744 | 0.9 | 27 |
| | 1949 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0308 | 1.4 | 43 |
| | 0911 | 0.1 | 3 |
| | 1816 | 0.9 | 27 |
| | 2050 | 0.7 | 21 |
| **17** W | 0403 | 1.3 | 40 |
| | 0956 | 0.2 | 6 |
| | 1842 | 0.9 | 27 |
| | 2158 | 0.6 | 18 |
| **18** Th | 0459 | 1.1 | 34 |
| | 1042 | 0.3 | 9 |
| | 1857 | 0.9 | 27 |
| | 2314 | 0.5 | 15 |
| **19** F ◑ | 0601 | 0.8 | 24 |
| | 1128 | 0.3 | 9 |
| | 1846 | 0.9 | 27 |
| **20** Sa | 0043 | 0.3 | 9 |
| | 0848 | 0.6 | 18 |
| | 1217 | 0.4 | 12 |
| | 1900 | 0.9 | 27 |
| **21** Su | 0338 | 0.1 | 3 |
| | 1044 | 0.5 | 15 |
| | 1310 | 0.4 | 12 |
| | 1933 | 0.9 | 27 |
| **22** M | 0435 | 0.0 | 0 |
| | 1200 | 0.5 | 15 |
| | 1406 | 0.4 | 12 |
| | 2013 | 0.8 | 24 |
| **23** Tu | 0526 | −0.1 | −3 |
| | 1300 | 0.5 | 15 |
| | 1501 | 0.4 | 12 |
| | 2101 | 0.8 | 24 |
| **24** W | 0504 | −0.2 | −6 |
| | 1351 | 0.6 | 18 |
| | 1550 | 0.5 | 15 |
| | 2157 | 0.8 | 24 |
| **25** Th | 0521 | −0.2 | −6 |
| | 1437 | 0.6 | 18 |
| | 1634 | 0.5 | 15 |
| | 2258 | 0.9 | 27 |
| **26** F | 0551 | −0.2 | −6 |
| | 1520 | 0.6 | 18 |
| | 1714 | 0.5 | 15 |
| | 2358 | 0.9 | 27 |
| **27** Sa ● | 0626 | −0.1 | −3 |
| | 1559 | 0.7 | 21 |
| | 1752 | 0.6 | 18 |
| **28** Su | 0051 | 1.0 | 30 |
| | 0703 | −0.1 | −3 |
| | 1635 | 0.7 | 21 |
| | 1831 | 0.6 | 18 |
| **29** M | 0140 | 1.1 | 34 |
| | 0743 | 0.0 | 0 |
| | 1705 | 0.7 | 21 |
| | 1914 | 0.6 | 18 |
| **30** Tu | 0228 | 1.1 | 34 |
| | 0823 | 0.0 | 0 |
| | 1727 | 0.7 | 21 |
| | 2001 | 0.6 | 18 |
| **31** W | 0315 | 1.1 | 34 |
| | 0905 | 0.0 | 0 |
| | 1738 | 0.8 | 24 |
| | 2053 | 0.6 | 18 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Key West, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0429 | 1.0 | 30 |
| | 0938 | 0.5 | 15 |
| | 1615 | 1.5 | 46 |
| | 2326 | 0.1 | 3 |
| **2** W | 0600 | 0.9 | 27 |
| | 1025 | 0.5 | 15 |
| | 1704 | 1.5 | 46 |
| **3** Th | 0026 | 0.0 | 0 |
| | 0714 | 0.8 | 24 |
| | 1113 | 0.6 | 18 |
| | 1754 | 1.6 | 49 |
| **4** F | 0117 | −0.1 | −3 |
| | 0807 | 0.8 | 24 |
| | 1200 | 0.5 | 15 |
| | 1844 | 1.6 | 49 |
| **5** Sa | 0202 | −0.2 | −6 |
| | 0847 | 0.8 | 24 |
| | 1244 | 0.5 | 15 |
| | 1931 | 1.7 | 52 |
| **6** Su | 0243 | −0.3 | −9 |
| | 0922 | 0.8 | 24 |
| | 1325 | 0.4 | 12 |
| | 2014 | 1.8 | 55 |
| **7** M | 0320 | −0.3 | −9 |
| | 0955 | 0.9 | 27 |
| | 1405 | 0.4 | 12 |
| | 2056 | 1.8 | 55 |
| **8** Tu ● | 0355 | −0.4 | −12 |
| | 1028 | 0.9 | 27 |
| | 1445 | 0.3 | 9 |
| | 2136 | 1.9 | 58 |
| **9** W | 0427 | −0.3 | −9 |
| | 1102 | 1.0 | 30 |
| | 1527 | 0.3 | 9 |
| | 2216 | 1.9 | 58 |
| **10** Th | 0500 | −0.3 | −9 |
| | 1135 | 1.1 | 34 |
| | 1612 | 0.3 | 9 |
| | 2257 | 1.8 | 55 |
| **11** F | 0532 | −0.3 | −9 |
| | 1208 | 1.1 | 34 |
| | 1702 | 0.2 | 6 |
| | 2341 | 1.7 | 52 |
| **12** Sa | 0605 | −0.2 | −6 |
| | 1241 | 1.2 | 37 |
| | 1757 | 0.2 | 6 |
| **13** Su | 0029 | 1.5 | 46 |
| | 0640 | 0.0 | 0 |
| | 1314 | 1.3 | 40 |
| | 1859 | 0.1 | 3 |
| **14** M | 0126 | 1.3 | 40 |
| | 0717 | 0.1 | 3 |
| | 1351 | 1.4 | 43 |
| | 2009 | 0.0 | 0 |
| **15** Tu ◐ | 0235 | 1.1 | 34 |
| | 0757 | 0.2 | 6 |
| | 1434 | 1.5 | 46 |
| | 2127 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0404 | 0.8 | 24 |
| | 0844 | 0.3 | 9 |
| | 1527 | 1.6 | 49 |
| | 2247 | −0.2 | −6 |
| **17** Th | 0547 | 0.7 | 21 |
| | 0939 | 0.4 | 12 |
| | 1632 | 1.7 | 52 |
| **18** F | 0002 | −0.4 | −12 |
| | 0712 | 0.7 | 21 |
| | 1042 | 0.4 | 12 |
| | 1744 | 1.8 | 55 |
| **19** Sa | 0109 | −0.5 | −15 |
| | 0814 | 0.7 | 21 |
| | 1147 | 0.4 | 12 |
| | 1854 | 1.9 | 58 |
| **20** Su | 0207 | −0.6 | −18 |
| | 0901 | 0.7 | 21 |
| | 1249 | 0.3 | 9 |
| | 1956 | 2.0 | 61 |
| **21** M | 0257 | −0.6 | −18 |
| | 0941 | 0.8 | 24 |
| | 1348 | 0.2 | 6 |
| | 2052 | 2.0 | 61 |
| **22** Tu ○ | 0341 | −0.6 | −18 |
| | 1018 | 0.9 | 27 |
| | 1443 | 0.1 | 3 |
| | 2142 | 2.0 | 61 |
| **23** W | 0421 | −0.5 | −15 |
| | 1052 | 1.0 | 30 |
| | 1537 | 0.0 | 0 |
| | 2228 | 1.9 | 58 |
| **24** Th | 0457 | −0.4 | −12 |
| | 1125 | 1.1 | 34 |
| | 1629 | 0.0 | 0 |
| | 2312 | 1.8 | 55 |
| **25** F | 0532 | −0.2 | −6 |
| | 1157 | 1.2 | 37 |
| | 1722 | 0.0 | 0 |
| | 2354 | 1.6 | 49 |
| **26** Sa | 0604 | −0.1 | −3 |
| | 1228 | 1.3 | 40 |
| | 1817 | 0.0 | 0 |
| **27** Su | 0038 | 1.3 | 40 |
| | 0637 | 0.0 | 0 |
| | 1300 | 1.4 | 43 |
| | 1914 | 0.0 | 0 |
| **28** M | 0124 | 1.1 | 34 |
| | 0709 | 0.2 | 6 |
| | 1334 | 1.4 | 43 |
| | 2017 | 0.1 | 3 |
| **29** Tu | 0219 | 0.9 | 27 |
| | 0742 | 0.3 | 9 |
| | 1413 | 1.4 | 43 |
| | 2127 | 0.0 | 0 |
| **30** W ◑ | 0330 | 0.7 | 21 |
| | 0819 | 0.4 | 12 |
| | 1500 | 1.3 | 40 |
| | 2241 | 0.0 | 0 |
| **31** Th | 0515 | 0.6 | 18 |
| | 0906 | 0.4 | 12 |
| | 1559 | 1.3 | 40 |
| | 2353 | −0.1 | −3 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0656 | 0.6 | 18 |
| | 1010 | 0.5 | 15 |
| | 1708 | 1.3 | 40 |
| **2** Sa | 0055 | −0.2 | −6 |
| | 0753 | 0.6 | 18 |
| | 1116 | 0.5 | 15 |
| | 1815 | 1.4 | 43 |
| **3** Su | 0145 | −0.2 | −6 |
| | 0829 | 0.7 | 21 |
| | 1214 | 0.4 | 12 |
| | 1912 | 1.5 | 46 |
| **4** M | 0225 | −0.3 | −9 |
| | 0900 | 0.7 | 21 |
| | 1305 | 0.3 | 9 |
| | 2000 | 1.6 | 49 |
| **5** Tu | 0259 | −0.4 | −12 |
| | 0929 | 0.8 | 24 |
| | 1351 | 0.2 | 6 |
| | 2044 | 1.7 | 52 |
| **6** W ● | 0329 | −0.4 | −12 |
| | 0958 | 1.0 | 30 |
| | 1436 | 0.1 | 3 |
| | 2126 | 1.8 | 55 |
| **7** Th | 0358 | −0.4 | −12 |
| | 1026 | 1.1 | 34 |
| | 1522 | 0.0 | 0 |
| | 2208 | 1.8 | 55 |
| **8** F | 0426 | −0.3 | −9 |
| | 1055 | 1.2 | 37 |
| | 1609 | −0.1 | −3 |
| | 2251 | 1.7 | 52 |
| **9** Sa | 0456 | −0.2 | −6 |
| | 1124 | 1.3 | 40 |
| | 1658 | −0.2 | −6 |
| | 2337 | 1.5 | 46 |
| **10** Su | 0527 | −0.1 | −3 |
| | 1154 | 1.4 | 43 |
| | 1751 | −0.3 | −9 |
| **11** M | 0027 | 1.3 | 40 |
| | 0559 | 0.0 | 0 |
| | 1226 | 1.5 | 46 |
| | 1849 | −0.3 | −9 |
| **12** Tu | 0123 | 1.1 | 34 |
| | 0634 | 0.1 | 3 |
| | 1305 | 1.6 | 49 |
| | 1955 | −0.3 | −9 |
| **13** W ◐ | 0231 | 0.8 | 24 |
| | 0712 | 0.2 | 6 |
| | 1352 | 1.6 | 49 |
| | 2112 | −0.3 | −9 |
| **14** Th | 0403 | 0.6 | 18 |
| | 0758 | 0.3 | 9 |
| | 1454 | 1.6 | 49 |
| | 2236 | −0.3 | −9 |
| **15** F | 0551 | 0.5 | 15 |
| | 0902 | 0.4 | 12 |
| | 1614 | 1.6 | 49 |
| | 2359 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0711 | 0.6 | 18 |
| | 1022 | 0.4 | 12 |
| | 1743 | 1.7 | 52 |
| **17** Su | 0107 | −0.4 | −12 |
| | 0803 | 0.7 | 21 |
| | 1142 | 0.3 | 9 |
| | 1859 | 1.7 | 52 |
| **18** M | 0200 | −0.4 | −12 |
| | 0843 | 0.8 | 24 |
| | 1251 | 0.2 | 6 |
| | 2000 | 1.8 | 55 |
| **19** Tu | 0242 | −0.4 | −12 |
| | 0917 | 0.9 | 27 |
| | 1351 | 0.1 | 3 |
| | 2052 | 1.8 | 55 |
| **20** W ○ | 0318 | −0.3 | −9 |
| | 0948 | 1.1 | 34 |
| | 1445 | 0.0 | 0 |
| | 2137 | 1.8 | 55 |
| **21** Th | 0350 | −0.3 | −9 |
| | 1017 | 1.2 | 37 |
| | 1535 | −0.1 | −3 |
| | 2219 | 1.7 | 52 |
| **22** F | 0420 | −0.2 | −6 |
| | 1044 | 1.3 | 40 |
| | 1622 | −0.2 | −6 |
| | 2258 | 1.5 | 46 |
| **23** Sa | 0449 | −0.1 | −3 |
| | 1110 | 1.4 | 43 |
| | 1708 | −0.2 | −6 |
| | 2336 | 1.4 | 43 |
| **24** Su | 0518 | 0.0 | 0 |
| | 1136 | 1.5 | 46 |
| | 1753 | −0.2 | −6 |
| **25** M | 0015 | 1.2 | 37 |
| | 0546 | 0.1 | 3 |
| | 1204 | 1.5 | 46 |
| | 1840 | −0.2 | −6 |
| **26** Tu | 0056 | 1.0 | 30 |
| | 0613 | 0.2 | 6 |
| | 1236 | 1.4 | 43 |
| | 1932 | −0.1 | −3 |
| **27** W | 0144 | 0.8 | 24 |
| | 0640 | 0.3 | 9 |
| | 1314 | 1.4 | 43 |
| | 2034 | −0.1 | −3 |
| **28** Th ◑ | 0245 | 0.7 | 21 |
| | 0708 | 0.4 | 12 |
| | 1401 | 1.3 | 40 |
| | 2150 | 0.0 | 0 |
| **29** F | 0421 | 0.5 | 15 |
| | 0745 | 0.4 | 12 |
| | 1504 | 1.3 | 40 |
| | 2313 | 0.0 | 0 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0625 | 0.6 | 18 |
| | 0901 | 0.5 | 15 |
| | 1624 | 1.3 | 40 |
| **2** Su | 0022 | −0.1 | −3 |
| | 0722 | 0.6 | 18 |
| | 1037 | 0.5 | 15 |
| | 1743 | 1.4 | 43 |
| **3** M | 0113 | −0.1 | −3 |
| | 0754 | 0.7 | 21 |
| | 1151 | 0.4 | 12 |
| | 1848 | 1.5 | 46 |
| **4** Tu | 0150 | −0.2 | −6 |
| | 0822 | 0.9 | 27 |
| | 1249 | 0.3 | 9 |
| | 1941 | 1.6 | 49 |
| **5** W | 0221 | −0.2 | −6 |
| | 0848 | 1.0 | 30 |
| | 1340 | 0.2 | 6 |
| | 2028 | 1.7 | 52 |
| **6** Th | 0249 | −0.2 | −6 |
| | 0915 | 1.2 | 37 |
| | 1427 | 0.0 | 0 |
| | 2114 | 1.7 | 52 |
| **7** F ● | 0317 | −0.2 | −6 |
| | 0942 | 1.4 | 43 |
| | 1514 | −0.2 | −6 |
| | 2159 | 1.7 | 52 |
| **8** Sa | 0346 | −0.1 | −3 |
| | 1009 | 1.5 | 46 |
| | 1602 | −0.4 | −12 |
| | 2246 | 1.6 | 49 |
| **9** Su | 0416 | 0.0 | 0 |
| | 1039 | 1.7 | 52 |
| | 1651 | −0.5 | −15 |
| | 2334 | 1.4 | 43 |
| **10** M | 0448 | 0.1 | 3 |
| | 1112 | 1.8 | 55 |
| | 1743 | −0.5 | −15 |
| **11** Tu | 0026 | 1.2 | 37 |
| | 0522 | 0.2 | 6 |
| | 1149 | 1.8 | 55 |
| | 1840 | −0.5 | −15 |
| **12** W | 0123 | 0.9 | 27 |
| | 0558 | 0.2 | 6 |
| | 1233 | 1.8 | 55 |
| | 1945 | −0.4 | −12 |
| **13** Th | 0232 | 0.7 | 21 |
| | 0639 | 0.3 | 9 |
| | 1328 | 1.7 | 52 |
| | 2101 | −0.3 | −9 |
| **14** F ◐ | 0403 | 0.6 | 18 |
| | 0732 | 0.4 | 12 |
| | 1440 | 1.7 | 52 |
| | 2227 | −0.2 | −6 |
| **15** Sa | 0541 | 0.6 | 18 |
| | 0851 | 0.5 | 15 |
| | 1613 | 1.6 | 49 |
| | 2347 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0649 | 0.7 | 21 |
| | 1026 | 0.4 | 12 |
| | 1746 | 1.6 | 49 |
| **17** M | 0049 | −0.2 | −6 |
| | 0735 | 0.9 | 27 |
| | 1150 | 0.3 | 9 |
| | 1900 | 1.7 | 52 |
| **18** Tu | 0134 | −0.1 | −3 |
| | 0811 | 1.0 | 30 |
| | 1259 | 0.2 | 6 |
| | 1958 | 1.7 | 52 |
| **19** W | 0209 | −0.1 | −3 |
| | 0842 | 1.2 | 37 |
| | 1355 | 0.1 | 3 |
| | 2046 | 1.6 | 49 |
| **20** Th | 0240 | 0.0 | 0 |
| | 0910 | 1.4 | 43 |
| | 1444 | −0.1 | −3 |
| | 2129 | 1.6 | 49 |
| **21** F ○ | 0309 | 0.1 | 3 |
| | 0935 | 1.5 | 46 |
| | 1529 | −0.2 | −6 |
| | 2207 | 1.5 | 46 |
| **22** Sa | 0337 | 0.1 | 3 |
| | 0959 | 1.6 | 49 |
| | 1610 | −0.2 | −6 |
| | 2244 | 1.4 | 43 |
| **23** Su | 0405 | 0.2 | 6 |
| | 1024 | 1.7 | 52 |
| | 1649 | −0.3 | −9 |
| | 2320 | 1.3 | 40 |
| **24** M | 0433 | 0.2 | 6 |
| | 1050 | 1.7 | 52 |
| | 1729 | −0.3 | −9 |
| | 2357 | 1.1 | 34 |
| **25** Tu | 0500 | 0.3 | 9 |
| | 1119 | 1.6 | 49 |
| | 1811 | −0.2 | −6 |
| **26** W | 0037 | 1.0 | 30 |
| | 0526 | 0.4 | 12 |
| | 1152 | 1.6 | 49 |
| | 1857 | −0.2 | −6 |
| **27** Th | 0123 | 0.8 | 24 |
| | 0552 | 0.4 | 12 |
| | 1232 | 1.5 | 46 |
| | 1953 | −0.1 | −3 |
| **28** F | 0221 | 0.7 | 21 |
| | 0621 | 0.5 | 15 |
| | 1320 | 1.5 | 46 |
| | 2103 | 0.0 | 0 |
| **29** Sa ◑ | 0343 | 0.7 | 21 |
| | 0702 | 0.6 | 18 |
| | 1421 | 1.4 | 43 |
| | 2221 | 0.1 | 3 |
| **30** Su | 0523 | 0.7 | 21 |
| | 0823 | 0.6 | 18 |
| | 1540 | 1.4 | 43 |
| | 2328 | 0.1 | 3 |
| **31** M | 0624 | 0.8 | 24 |
| | 1010 | 0.6 | 18 |
| | 1704 | 1.4 | 43 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Key West, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0017 | 0.1 | 3 | **16** W | 0047 | 0.2 | 6 |
| | 0659 | 1.0 | 30 | | 0728 | 1.4 | 43 |
| | 1131 | 0.5 | 15 | | 1301 | 0.2 | 6 |
| | 1816 | 1.5 | 46 | | 1948 | 1.5 | 46 |
| **2** W | 0055 | 0.1 | 3 | **17** Th | 0122 | 0.2 | 6 |
| | 0729 | 1.1 | 34 | | 0759 | 1.5 | 46 |
| | 1233 | 0.3 | 9 | | 1353 | 0.0 | 0 |
| | 1917 | 1.6 | 49 | | 2036 | 1.4 | 43 |
| **3** Th | 0127 | 0.1 | 3 | **18** F | 0153 | 0.3 | 9 |
| | 0756 | 1.3 | 40 | | 0826 | 1.7 | 52 |
| | 1326 | 0.1 | 3 | | 1437 | −0.1 | −3 |
| | 2011 | 1.6 | 49 | | 2118 | 1.4 | 43 |
| **4** F | 0158 | 0.1 | 3 | **19** Sa | 0223 | 0.3 | 9 |
| | 0824 | 1.5 | 46 | | 0851 | 1.7 | 52 |
| | 1415 | −0.2 | −6 | | 1517 | −0.2 | −6 |
| | 2102 | 1.6 | 49 | | 2156 | 1.3 | 40 |
| **5** Sa | 0230 | 0.1 | 3 | **20** Su | 0253 | 0.4 | 12 |
| | 0854 | 1.7 | 52 | | 0917 | 1.8 | 55 |
| | 1503 | −0.4 | −12 | | 1554 | −0.3 | −9 |
| ● | 2152 | 1.5 | 46 | ○ | 2232 | 1.2 | 37 |
| **6** Su | 0302 | 0.2 | 6 | **21** M | 0322 | 0.4 | 12 |
| | 0925 | 1.9 | 58 | | 0944 | 1.8 | 55 |
| | 1552 | −0.6 | −18 | | 1631 | −0.3 | −9 |
| | 2242 | 1.4 | 43 | | 2308 | 1.1 | 34 |
| **7** M | 0336 | 0.2 | 6 | **22** Tu | 0351 | 0.4 | 12 |
| | 1001 | 2.0 | 61 | | 1013 | 1.8 | 55 |
| | 1642 | −0.7 | −21 | | 1709 | −0.3 | −9 |
| | 2333 | 1.3 | 40 | | 2345 | 1.0 | 30 |
| **8** Tu | 0412 | 0.3 | 9 | **23** W | 0419 | 0.4 | 12 |
| | 1040 | 2.1 | 64 | | 1046 | 1.7 | 52 |
| | 1735 | −0.7 | −21 | | 1749 | −0.2 | −6 |
| **9** W | 0025 | 1.1 | 34 | **24** Th | 0025 | 1.0 | 30 |
| | 0450 | 0.3 | 9 | | 0448 | 0.5 | 15 |
| | 1125 | 2.1 | 64 | | 1123 | 1.7 | 52 |
| | 1832 | −0.6 | −18 | | 1833 | −0.2 | −6 |
| **10** Th | 0123 | 0.9 | 27 | **25** F | 0111 | 0.9 | 27 |
| | 0532 | 0.4 | 12 | | 0519 | 0.5 | 15 |
| | 1218 | 2.0 | 61 | | 1204 | 1.6 | 49 |
| | 1937 | −0.4 | −12 | | 1924 | −0.1 | −3 |
| **11** F | 0230 | 0.8 | 24 | **26** Sa | 0207 | 0.8 | 24 |
| | 0622 | 0.4 | 12 | | 0556 | 0.6 | 18 |
| | 1320 | 1.9 | 58 | | 1252 | 1.6 | 49 |
| | 2050 | −0.2 | −6 | | 2023 | 0.0 | 0 |
| **12** Sa | 0350 | 0.8 | 24 | **27** Su | 0312 | 0.8 | 24 |
| | 0729 | 0.5 | 15 | | 0650 | 0.7 | 21 |
| | 1437 | 1.7 | 52 | | 1350 | 1.5 | 46 |
| ◐ | 2206 | −0.1 | −3 | | 2124 | 0.1 | 3 |
| **13** Su | 0508 | 0.8 | 24 | **28** M | 0419 | 0.9 | 27 |
| | 0901 | 0.5 | 15 | | 0814 | 0.7 | 21 |
| | 1609 | 1.6 | 49 | | 1501 | 1.5 | 46 |
| | 2314 | 0.0 | 0 | ◑ | 2220 | 0.2 | 6 |
| **14** M | 0608 | 1.0 | 30 | **29** Tu | 0512 | 1.0 | 30 |
| | 1037 | 0.5 | 15 | | 0951 | 0.7 | 21 |
| | 1738 | 1.5 | 46 | | 1622 | 1.4 | 43 |
| | | | | | 2308 | 0.2 | 6 |
| **15** Tu | 0006 | 0.1 | 3 | **30** W | 0552 | 1.2 | 37 |
| | 0652 | 1.2 | 37 | | 1111 | 0.5 | 15 |
| | 1158 | 0.4 | 12 | | 1743 | 1.4 | 43 |
| | 1850 | 1.5 | 46 | | 2349 | 0.2 | 6 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Th | 0626 | 1.4 | 43 | **16** F | 0028 | 0.4 | 12 |
| | 1215 | 0.2 | 6 | | 0710 | 1.7 | 52 |
| | 1854 | 1.4 | 43 | | 1342 | 0.0 | 0 |
| | | | | | 2024 | 1.2 | 37 |
| **2** F | 0027 | 0.3 | 9 | **17** Sa | 0103 | 0.5 | 15 |
| | 0659 | 1.6 | 49 | | 0741 | 1.8 | 55 |
| | 1310 | −0.1 | −3 | | 1424 | −0.2 | −6 |
| | 1956 | 1.4 | 43 | | 2107 | 1.1 | 34 |
| **3** Sa | 0105 | 0.3 | 9 | **18** Su | 0137 | 0.5 | 15 |
| | 0733 | 1.8 | 55 | | 0810 | 1.8 | 55 |
| | 1402 | −0.4 | −12 | | 1502 | −0.3 | −9 |
| | 2053 | 1.4 | 43 | | 2146 | 1.1 | 34 |
| **4** Su | 0142 | 0.4 | 12 | **19** M | 0211 | 0.5 | 15 |
| | 0809 | 2.0 | 61 | | 0841 | 1.8 | 55 |
| | 1452 | −0.6 | −18 | | 1539 | −0.3 | −9 |
| | 2147 | 1.3 | 40 | ○ | 2222 | 1.0 | 30 |
| **5** M | 0220 | 0.4 | 12 | **20** Tu | 0243 | 0.5 | 15 |
| | 0850 | 2.1 | 64 | | 0914 | 1.8 | 55 |
| | 1542 | −0.7 | −21 | | 1616 | −0.3 | −9 |
| ● | 2238 | 1.2 | 37 | | 2257 | 1.0 | 30 |
| **6** Tu | 0300 | 0.4 | 12 | **21** W | 0315 | 0.5 | 15 |
| | 0934 | 2.2 | 67 | | 0949 | 1.8 | 55 |
| | 1634 | −0.8 | −24 | | 1654 | −0.3 | −9 |
| | 2329 | 1.1 | 34 | | 2335 | 1.0 | 30 |
| **7** W | 0342 | 0.3 | 9 | **22** Th | 0347 | 0.5 | 15 |
| | 1022 | 2.2 | 67 | | 1027 | 1.8 | 55 |
| | 1729 | −0.7 | −21 | | 1734 | −0.3 | −9 |
| **8** Th | 0021 | 1.0 | 30 | **23** F | 0015 | 0.9 | 27 |
| | 0427 | 0.4 | 12 | | 0422 | 0.5 | 15 |
| | 1115 | 2.2 | 67 | | 1106 | 1.8 | 55 |
| | 1826 | −0.5 | −15 | | 1815 | −0.2 | −6 |
| **9** F | 0116 | 0.9 | 27 | **24** Sa | 0059 | 0.9 | 27 |
| | 0518 | 0.4 | 12 | | 0500 | 0.6 | 18 |
| | 1212 | 2.0 | 61 | | 1147 | 1.7 | 52 |
| | 1927 | −0.3 | −9 | | 1859 | −0.1 | −3 |
| **10** Sa | 0215 | 0.9 | 27 | **25** Su | 0146 | 1.0 | 30 |
| | 0619 | 0.4 | 12 | | 0548 | 0.6 | 18 |
| | 1316 | 1.9 | 58 | | 1233 | 1.7 | 52 |
| | 2029 | −0.2 | −6 | | 1943 | 0.0 | 0 |
| **11** Su | 0318 | 1.0 | 30 | **26** M | 0234 | 1.0 | 30 |
| | 0737 | 0.5 | 15 | | 0649 | 0.6 | 18 |
| | 1428 | 1.7 | 52 | | 1326 | 1.6 | 49 |
| ◐ | 2129 | 0.0 | 0 | | 2029 | 0.1 | 3 |
| **12** M | 0420 | 1.1 | 34 | **27** Tu | 0320 | 1.1 | 34 |
| | 0909 | 0.5 | 15 | | 0808 | 0.6 | 18 |
| | 1551 | 1.5 | 46 | | 1431 | 1.4 | 43 |
| | 2223 | 0.2 | 6 | ◑ | 2115 | 0.2 | 6 |
| **13** Tu | 0514 | 1.3 | 40 | **28** W | 0403 | 1.2 | 37 |
| | 1038 | 0.4 | 12 | | 0932 | 0.5 | 15 |
| | 1715 | 1.4 | 43 | | 1548 | 1.3 | 40 |
| | 2310 | 0.3 | 9 | | 2200 | 0.3 | 9 |
| **14** W | 0559 | 1.4 | 43 | **29** Th | 0443 | 1.4 | 43 |
| | 1153 | 0.3 | 9 | | 1049 | 0.3 | 9 |
| | 1830 | 1.3 | 40 | | 1714 | 1.2 | 37 |
| | 2351 | 0.4 | 12 | | 2244 | 0.3 | 9 |
| **15** Th | 0637 | 1.6 | 49 | **30** F | 0523 | 1.6 | 49 |
| | 1253 | 0.1 | 3 | | 1155 | 0.0 | 0 |
| | 1932 | 1.2 | 37 | | 1836 | 1.2 | 37 |
| | | | | | 2329 | 0.4 | 12 |
| | | | | **31** Sa | 0604 | 1.8 | 55 |
| | | | | | 1254 | −0.3 | −9 |
| | | | | | 1947 | 1.1 | 34 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Su | 0014 | 0.4 | 12 | **16** M | 0055 | 0.5 | 15 |
| | 0649 | 2.0 | 61 | | 0738 | 1.8 | 55 |
| | 1349 | −0.5 | −15 | | 1449 | −0.3 | −9 |
| | 2048 | 1.1 | 34 | | 2134 | 0.9 | 27 |
| **2** M | 0059 | 0.4 | 12 | **17** Tu | 0134 | 0.5 | 15 |
| | 0737 | 2.1 | 64 | | 0818 | 1.8 | 55 |
| | 1443 | −0.7 | −21 | | 1528 | −0.3 | −9 |
| | 2142 | 1.0 | 30 | | 2209 | 0.9 | 27 |
| **3** Tu | 0145 | 0.4 | 12 | **18** W | 0211 | 0.5 | 15 |
| | 0828 | 2.2 | 67 | | 0857 | 1.8 | 55 |
| | 1536 | −0.8 | −24 | | 1605 | −0.3 | −9 |
| ● | 2232 | 1.0 | 30 | ○ | 2244 | 0.9 | 27 |
| **4** W | 0232 | 0.3 | 9 | **19** Th | 0248 | 0.5 | 15 |
| | 0921 | 2.3 | 70 | | 0936 | 1.8 | 55 |
| | 1629 | −0.7 | −21 | | 1641 | −0.3 | −9 |
| | 2321 | 0.9 | 27 | | 2319 | 0.9 | 27 |
| **5** Th | 0322 | 0.3 | 9 | **20** F | 0326 | 0.5 | 15 |
| | 1016 | 2.3 | 70 | | 1015 | 1.9 | 58 |
| | 1722 | −0.6 | −18 | | 1717 | −0.3 | −9 |
| | | | | | 2356 | 1.0 | 30 |
| **6** F | 0008 | 0.9 | 27 | **21** Sa | 0407 | 0.5 | 15 |
| | 0415 | 0.3 | 9 | | 1054 | 1.8 | 55 |
| | 1111 | 2.2 | 67 | | 1752 | −0.2 | −6 |
| | 1814 | −0.5 | −15 | | | | |
| **7** Sa | 0056 | 1.0 | 30 | **22** Su | 0033 | 1.1 | 34 |
| | 0514 | 0.3 | 9 | | 0453 | 0.5 | 15 |
| | 1208 | 2.0 | 61 | | 1135 | 1.8 | 55 |
| | 1904 | −0.3 | −9 | | 1826 | −0.1 | −3 |
| **8** Su | 0145 | 1.1 | 34 | **23** M | 0110 | 1.1 | 34 |
| | 0620 | 0.4 | 12 | | 0545 | 0.5 | 15 |
| | 1306 | 1.8 | 55 | | 1219 | 1.7 | 52 |
| | 1953 | −0.1 | −3 | | 1902 | 0.0 | 0 |
| **9** M | 0234 | 1.2 | 37 | **24** Tu | 0147 | 1.2 | 37 |
| | 0737 | 0.4 | 12 | | 0646 | 0.5 | 15 |
| | 1409 | 1.6 | 49 | | 1310 | 1.5 | 46 |
| | 2040 | 0.1 | 3 | | 1938 | 0.1 | 3 |
| **10** Tu | 0324 | 1.3 | 40 | **25** W | 0223 | 1.3 | 40 |
| | 0901 | 0.4 | 12 | | 0756 | 0.4 | 12 |
| | 1520 | 1.3 | 40 | | 1411 | 1.3 | 40 |
| ◐ | 2125 | 0.3 | 9 | | 2017 | 0.2 | 6 |
| **11** W | 0412 | 1.4 | 43 | **26** Th | 0301 | 1.5 | 46 |
| | 1023 | 0.3 | 9 | | 0911 | 0.3 | 9 |
| | 1641 | 1.1 | 34 | | 1526 | 1.2 | 37 |
| | 2208 | 0.4 | 12 | ◑ | 2100 | 0.3 | 9 |
| **12** Th | 0457 | 1.5 | 46 | **27** F | 0342 | 1.6 | 49 |
| | 1134 | 0.2 | 6 | | 1027 | 0.1 | 3 |
| | 1804 | 1.0 | 30 | | 1656 | 1.0 | 30 |
| | 2251 | 0.5 | 15 | | 2146 | 0.4 | 12 |
| **13** F | 0540 | 1.6 | 49 | **28** Sa | 0429 | 1.7 | 52 |
| | 1234 | 0.0 | 0 | | 1137 | −0.2 | −6 |
| | 1914 | 0.9 | 27 | | 1827 | 0.9 | 27 |
| | 2333 | 0.5 | 15 | | 2237 | 0.5 | 15 |
| **14** Sa | 0620 | 1.7 | 52 | **29** Su | 0523 | 1.9 | 58 |
| | 1324 | −0.1 | −3 | | 1242 | −0.4 | −12 |
| | 2011 | 0.9 | 27 | | 1943 | 0.9 | 27 |
| | | | | | 2331 | 0.5 | 15 |
| **15** Su | 0015 | 0.5 | 15 | **30** M | 0622 | 2.0 | 61 |
| | 0659 | 1.7 | 52 | | 1342 | −0.5 | −15 |
| | 1408 | −0.2 | −6 | | 2044 | 0.9 | 27 |
| | 2056 | 0.9 | 27 | | | | |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Key West, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0026 | 0.4 | 12 | **16** W | 0107 | 0.5 | 15 |
| | 0723 | 2.2 | 67 | | 0802 | 1.8 | 55 |
| | 1438 | −0.6 | −18 | | 1514 | −0.2 | −6 |
| | 2134 | 0.9 | 27 | | 2148 | 0.9 | 27 |
| **2** W | 0122 | 0.4 | 12 | **17** Th | 0150 | 0.5 | 15 |
| | 0822 | 2.3 | 70 | | 0844 | 1.9 | 58 |
| | 1530 | −0.6 | −18 | | 1548 | −0.2 | −6 |
| ● | 2219 | 0.9 | 27 | | 2219 | 1.0 | 30 |
| **3** Th | 0217 | 0.3 | 9 | **18** F | 0232 | 0.5 | 15 |
| | 0919 | 2.3 | 70 | | 0924 | 2.0 | 61 |
| | 1619 | −0.6 | −18 | | 1619 | −0.2 | −6 |
| | 2301 | 1.0 | 30 | ○ | 2250 | 1.1 | 34 |
| **4** F | 0313 | 0.3 | 9 | **19** Sa | 0315 | 0.5 | 15 |
| | 1013 | 2.3 | 70 | | 1004 | 2.0 | 61 |
| | 1705 | −0.4 | −12 | | 1648 | −0.1 | −3 |
| | 2342 | 1.1 | 34 | | 2322 | 1.2 | 37 |
| **5** Sa | 0411 | 0.2 | 6 | **20** Su | 0359 | 0.4 | 12 |
| | 1106 | 2.1 | 64 | | 1043 | 1.9 | 58 |
| | 1748 | −0.3 | −9 | | 1717 | −0.1 | −3 |
| | | | | | 2353 | 1.3 | 40 |
| **6** Su | 0022 | 1.2 | 37 | **21** M | 0447 | 0.4 | 12 |
| | 0511 | 0.3 | 9 | | 1125 | 1.8 | 55 |
| | 1157 | 1.9 | 58 | | 1747 | 0.0 | 0 |
| | 1829 | −0.1 | −3 | | | | |
| **7** M | 0102 | 1.3 | 40 | **22** Tu | 0023 | 1.4 | 43 |
| | 0615 | 0.3 | 9 | | 0538 | 0.4 | 12 |
| | 1248 | 1.7 | 52 | | 1210 | 1.7 | 52 |
| | 1908 | 0.1 | 3 | | 1818 | 0.1 | 3 |
| **8** Tu | 0142 | 1.4 | 43 | **23** W | 0054 | 1.5 | 46 |
| | 0724 | 0.3 | 9 | | 0635 | 0.3 | 9 |
| | 1343 | 1.4 | 43 | | 1301 | 1.5 | 46 |
| | 1946 | 0.2 | 6 | | 1851 | 0.2 | 6 |
| **9** W | 0223 | 1.5 | 46 | **24** Th | 0128 | 1.6 | 49 |
| | 0837 | 0.3 | 9 | | 0739 | 0.2 | 6 |
| | 1444 | 1.2 | 37 | | 1401 | 1.3 | 40 |
| ◐ | 2025 | 0.4 | 12 | | 1927 | 0.4 | 12 |
| **10** Th | 0305 | 1.6 | 49 | **25** F | 0206 | 1.7 | 52 |
| | 0951 | 0.3 | 9 | | 0851 | 0.1 | 3 |
| | 1559 | 1.0 | 30 | | 1516 | 1.1 | 34 |
| | 2106 | 0.5 | 15 | ◑ | 2009 | 0.5 | 15 |
| **11** F | 0351 | 1.6 | 49 | **26** Sa | 0254 | 1.8 | 55 |
| | 1102 | 0.2 | 6 | | 1008 | 0.0 | 0 |
| | 1730 | 0.9 | 27 | | 1652 | 0.9 | 27 |
| | 2151 | 0.6 | 18 | | 2058 | 0.6 | 18 |
| **12** Sa | 0440 | 1.6 | 49 | **27** Su | 0352 | 1.9 | 58 |
| | 1207 | 0.1 | 3 | | 1125 | −0.1 | −3 |
| | 1855 | 0.8 | 24 | | 1829 | 0.8 | 24 |
| | 2241 | 0.6 | 18 | | 2158 | 0.6 | 18 |
| **13** Su | 0534 | 1.7 | 52 | **28** M | 0502 | 2.0 | 61 |
| | 1303 | 0.0 | 0 | | 1236 | −0.2 | −6 |
| | 1956 | 0.8 | 24 | | 1941 | 0.9 | 27 |
| | 2332 | 0.6 | 18 | | 2305 | 0.6 | 18 |
| **14** M | 0627 | 1.7 | 52 | **29** Tu | 0616 | 2.1 | 64 |
| | 1352 | −0.1 | −3 | | 1338 | −0.3 | −9 |
| | 2040 | 0.8 | 24 | | 2034 | 0.9 | 27 |
| **15** Tu | 0021 | 0.6 | 18 | **30** W | 0012 | 0.5 | 15 |
| | 0717 | 1.8 | 55 | | 0724 | 2.2 | 67 |
| | 1435 | −0.1 | −3 | | 1431 | −0.3 | −9 |
| | 2116 | 0.9 | 27 | | 2117 | 1.0 | 30 |
| | | | | **31** Th | 0115 | 0.4 | 12 |
| | | | | | 0824 | 2.3 | 70 |
| | | | | | 1518 | −0.3 | −9 |
| | | | | | 2155 | 1.1 | 34 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F | 0215 | 0.3 | 9 | **16** Sa | 0222 | 0.6 | 18 |
| | 0918 | 2.3 | 70 | | 0910 | 2.1 | 64 |
| | 1559 | −0.2 | −6 | | 1542 | 0.1 | 3 |
| ● | 2231 | 1.3 | 40 | ○ | 2208 | 1.5 | 46 |
| **2** Sa | 0312 | 0.3 | 9 | **17** Su | 0306 | 0.5 | 15 |
| | 1008 | 2.2 | 67 | | 0951 | 2.1 | 64 |
| | 1636 | −0.1 | −3 | | 1608 | 0.2 | 6 |
| | 2305 | 1.4 | 43 | | 2236 | 1.6 | 49 |
| **3** Su | 0408 | 0.2 | 6 | **18** M | 0351 | 0.4 | 12 |
| | 1055 | 2.1 | 64 | | 1032 | 2.0 | 61 |
| | 1711 | 0.0 | 0 | | 1635 | 0.2 | 6 |
| | 2339 | 1.6 | 49 | | 2304 | 1.7 | 52 |
| **4** M | 0504 | 0.2 | 6 | **19** Tu | 0438 | 0.3 | 9 |
| | 1141 | 1.9 | 58 | | 1116 | 1.9 | 58 |
| | 1744 | 0.2 | 6 | | 1704 | 0.3 | 9 |
| | | | | | 2332 | 1.8 | 55 |
| **5** Tu | 0012 | 1.7 | 52 | **20** W | 0528 | 0.2 | 6 |
| | 0600 | 0.2 | 6 | | 1203 | 1.7 | 52 |
| | 1226 | 1.7 | 52 | | 1735 | 0.4 | 12 |
| | 1817 | 0.3 | 9 | | | | |
| **6** W | 0045 | 1.7 | 52 | **21** Th | 0004 | 1.9 | 58 |
| | 0658 | 0.3 | 9 | | 0622 | 0.1 | 3 |
| | 1314 | 1.4 | 43 | | 1256 | 1.5 | 46 |
| | 1851 | 0.4 | 12 | | 1808 | 0.5 | 15 |
| **7** Th | 0121 | 1.8 | 55 | **22** F | 0040 | 2.0 | 61 |
| | 0801 | 0.3 | 9 | | 0724 | 0.1 | 3 |
| | 1408 | 1.2 | 37 | | 1358 | 1.3 | 40 |
| | 1925 | 0.6 | 18 | | 1844 | 0.6 | 18 |
| **8** F | 0200 | 1.7 | 52 | **23** Sa | 0124 | 2.0 | 61 |
| | 0909 | 0.3 | 9 | | 0836 | 0.1 | 3 |
| | 1515 | 1.0 | 30 | | 1517 | 1.1 | 34 |
| ◐ | 2003 | 0.7 | 21 | ◑ | 1927 | 0.7 | 21 |
| **9** Sa | 0247 | 1.7 | 52 | **24** Su | 0222 | 2.1 | 64 |
| | 1023 | 0.3 | 9 | | 0957 | 0.1 | 3 |
| | 1650 | 0.9 | 27 | | 1658 | 1.0 | 30 |
| | 2049 | 0.7 | 21 | | 2024 | 0.8 | 24 |
| **10** Su | 0346 | 1.7 | 52 | **25** M | 0336 | 2.1 | 64 |
| | 1136 | 0.3 | 9 | | 1120 | 0.1 | 3 |
| | 1833 | 0.9 | 27 | | 1829 | 1.0 | 30 |
| | 2150 | 0.8 | 24 | | 2141 | 0.8 | 24 |
| **11** M | 0454 | 1.7 | 52 | **26** Tu | 0502 | 2.1 | 64 |
| | 1240 | 0.2 | 6 | | 1232 | 0.1 | 3 |
| | 1936 | 0.9 | 27 | | 1929 | 1.1 | 34 |
| | 2257 | 0.8 | 24 | | 2302 | 0.8 | 24 |
| **12** Tu | 0601 | 1.8 | 55 | **27** W | 0622 | 2.2 | 67 |
| | 1332 | 0.2 | 6 | | 1329 | 0.1 | 3 |
| | 2015 | 1.0 | 30 | | 2012 | 1.2 | 37 |
| | 2357 | 0.7 | 21 | | | | |
| **13** W | 0658 | 1.9 | 58 | **28** Th | 0016 | 0.7 | 21 |
| | 1413 | 0.1 | 3 | | 0728 | 2.3 | 70 |
| | 2045 | 1.1 | 34 | | 1413 | 0.1 | 3 |
| | | | | | 2048 | 1.4 | 43 |
| **14** Th | 0050 | 0.7 | 21 | **29** F | 0120 | 0.5 | 15 |
| | 0746 | 2.0 | 61 | | 0824 | 2.3 | 70 |
| | 1447 | 0.1 | 3 | | 1451 | 0.1 | 3 |
| | 2113 | 1.2 | 37 | | 2121 | 1.5 | 46 |
| **15** F | 0137 | 0.6 | 18 | **30** Sa | 0218 | 0.4 | 12 |
| | 0829 | 2.1 | 64 | | 0914 | 2.3 | 70 |
| | 1516 | 0.1 | 3 | | 1524 | 0.2 | 6 |
| | 2141 | 1.3 | 40 | ● | 2152 | 1.7 | 52 |
| | | | | **31** Su | 0311 | 0.3 | 9 |
| | | | | | 0959 | 2.2 | 67 |
| | | | | | 1556 | 0.3 | 9 |
| | | | | | 2222 | 1.9 | 58 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0401 | 0.3 | 9 | **16** Tu | 0340 | 0.2 | 6 |
| | 1042 | 2.0 | 61 | | 1023 | 2.1 | 64 |
| | 1627 | 0.4 | 12 | | 1551 | 0.6 | 18 |
| | 2250 | 2.0 | 61 | | 2214 | 2.2 | 67 |
| **2** Tu | 0450 | 0.2 | 6 | **17** W | 0426 | 0.1 | 3 |
| | 1123 | 1.9 | 58 | | 1110 | 1.9 | 58 |
| | 1657 | 0.5 | 15 | | 1622 | 0.6 | 18 |
| | 2319 | 2.0 | 61 | | 2246 | 2.3 | 70 |
| **3** W | 0538 | 0.3 | 9 | **18** Th | 0516 | 0.0 | 0 |
| | 1204 | 1.7 | 52 | | 1200 | 1.7 | 52 |
| | 1727 | 0.6 | 18 | | 1655 | 0.7 | 21 |
| | 2350 | 2.0 | 61 | | 2322 | 2.3 | 70 |
| **4** Th | 0627 | 0.3 | 9 | **19** F | 0610 | 0.0 | 0 |
| | 1247 | 1.5 | 46 | | 1255 | 1.5 | 46 |
| | 1757 | 0.7 | 21 | | 1730 | 0.8 | 24 |
| **5** F | 0024 | 2.0 | 61 | **20** Sa | 0006 | 2.3 | 70 |
| | 0721 | 0.4 | 12 | | 0712 | 0.1 | 3 |
| | 1336 | 1.3 | 40 | | 1400 | 1.3 | 40 |
| | 1828 | 0.8 | 24 | | 1811 | 0.8 | 24 |
| **6** Sa | 0104 | 1.9 | 58 | **21** Su | 0059 | 2.3 | 70 |
| | 0824 | 0.4 | 12 | | 0826 | 0.2 | 6 |
| | 1437 | 1.1 | 34 | | 1522 | 1.2 | 37 |
| | 1901 | 0.9 | 27 | | 1901 | 0.9 | 27 |
| **7** Su | 0154 | 1.9 | 58 | **22** M | 0208 | 2.2 | 67 |
| | 0941 | 0.5 | 15 | | 0950 | 0.3 | 9 |
| | 1609 | 1.1 | 34 | | 1656 | 1.2 | 37 |
| ◐ | 1945 | 1.0 | 30 | ◑ | 2014 | 1.0 | 30 |
| **8** M | 0258 | 1.8 | 55 | **23** Tu | 0335 | 2.2 | 67 |
| | 1101 | 0.5 | 15 | | 1111 | 0.3 | 9 |
| | 1801 | 1.1 | 34 | | 1810 | 1.2 | 37 |
| | 2102 | 1.0 | 30 | | 2147 | 1.0 | 30 |
| **9** Tu | 0416 | 1.8 | 55 | **24** W | 0507 | 2.2 | 67 |
| | 1209 | 0.5 | 15 | | 1215 | 0.4 | 12 |
| | 1900 | 1.2 | 37 | | 1900 | 1.4 | 43 |
| | 2231 | 1.0 | 30 | | 2315 | 0.9 | 27 |
| **10** W | 0532 | 1.9 | 58 | **25** Th | 0625 | 2.2 | 67 |
| | 1258 | 0.4 | 12 | | 1302 | 0.4 | 12 |
| | 1934 | 1.3 | 40 | | 1938 | 1.6 | 49 |
| | 2341 | 1.0 | 30 | | | | |
| **11** Th | 0634 | 2.0 | 61 | **26** F | 0027 | 0.7 | 21 |
| | 1335 | 0.4 | 12 | | 0727 | 2.3 | 70 |
| | 2001 | 1.4 | 43 | | 1339 | 0.5 | 15 |
| | | | | | 2012 | 1.8 | 55 |
| **12** F | 0037 | 0.9 | 27 | **27** Sa | 0127 | 0.6 | 18 |
| | 0725 | 2.1 | 64 | | 0820 | 2.2 | 67 |
| | 1404 | 0.4 | 12 | | 1412 | 0.6 | 18 |
| | 2027 | 1.6 | 49 | | 2042 | 2.0 | 61 |
| **13** Sa | 0126 | 0.7 | 21 | **28** Su | 0219 | 0.4 | 12 |
| | 0810 | 2.2 | 67 | | 0907 | 2.1 | 64 |
| | 1430 | 0.4 | 12 | | 1443 | 0.6 | 18 |
| | 2052 | 1.7 | 52 | | 2110 | 2.1 | 64 |
| **14** Su | 0211 | 0.6 | 18 | **29** M | 0306 | 0.3 | 9 |
| | 0854 | 2.2 | 67 | | 0949 | 2.0 | 61 |
| | 1455 | 0.5 | 15 | | 1512 | 0.7 | 21 |
| | 2119 | 1.9 | 58 | ● | 2137 | 2.2 | 67 |
| **15** M | 0255 | 0.4 | 12 | **30** Tu | 0350 | 0.3 | 9 |
| | 0938 | 2.2 | 67 | | 1028 | 1.9 | 58 |
| | 1522 | 0.5 | 15 | | 1542 | 0.7 | 21 |
| ○ | 2146 | 2.0 | 61 | | 2204 | 2.2 | 67 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Key West, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0432 | 0.2 | 6 |
| | 1106 | 1.8 | 55 |
| | 1612 | 0.8 | 24 |
| | 2232 | 2.2 | 67 |
| **2** Th | 0513 | 0.2 | 6 |
| | 1144 | 1.6 | 49 |
| | 1641 | 0.8 | 24 |
| | 2303 | 2.2 | 67 |
| **3** F | 0557 | 0.3 | 9 |
| | 1225 | 1.5 | 46 |
| | 1710 | 0.9 | 27 |
| | 2339 | 2.1 | 64 |
| **4** Sa | 0646 | 0.4 | 12 |
| | 1311 | 1.4 | 43 |
| | 1739 | 1.0 | 30 |
| **5** Su | 0021 | 2.1 | 64 |
| | 0745 | 0.5 | 15 |
| | 1411 | 1.3 | 40 |
| | 1812 | 1.0 | 30 |
| **6** M | 0112 | 2.0 | 61 |
| | 0857 | 0.6 | 18 |
| | 1532 | 1.2 | 37 |
| | 1858 | 1.1 | 34 |
| **7** Tu ◐ | 0217 | 1.9 | 58 |
| | 1015 | 0.6 | 18 |
| | 1705 | 1.3 | 40 |
| | 2026 | 1.2 | 37 |
| **8** W | 0334 | 1.9 | 58 |
| | 1118 | 0.6 | 18 |
| | 1803 | 1.4 | 43 |
| | 2209 | 1.2 | 37 |
| **9** Th | 0453 | 2.0 | 61 |
| | 1204 | 0.6 | 18 |
| | 1837 | 1.5 | 46 |
| | 2324 | 1.0 | 30 |
| **10** F | 0601 | 2.0 | 61 |
| | 1239 | 0.6 | 18 |
| | 1906 | 1.7 | 52 |
| **11** Sa | 0022 | 0.9 | 27 |
| | 0659 | 2.1 | 64 |
| | 1308 | 0.7 | 21 |
| | 1933 | 1.9 | 58 |
| **12** Su | 0111 | 0.6 | 18 |
| | 0751 | 2.1 | 64 |
| | 1337 | 0.7 | 21 |
| | 2000 | 2.0 | 61 |
| **13** M | 0156 | 0.4 | 12 |
| | 0840 | 2.1 | 64 |
| | 1406 | 0.7 | 21 |
| | 2028 | 2.2 | 67 |
| **14** Tu ○ | 0241 | 0.2 | 6 |
| | 0928 | 2.0 | 61 |
| | 1437 | 0.7 | 21 |
| | 2059 | 2.4 | 73 |
| **15** W | 0327 | 0.0 | 0 |
| | 1016 | 1.9 | 58 |
| | 1510 | 0.8 | 24 |
| | 2134 | 2.5 | 76 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0415 | −0.1 | −3 |
| | 1105 | 1.7 | 52 |
| | 1544 | 0.8 | 24 |
| | 2213 | 2.6 | 79 |
| **17** F | 0506 | −0.1 | −3 |
| | 1156 | 1.6 | 49 |
| | 1622 | 0.8 | 24 |
| | 2257 | 2.6 | 79 |
| **18** Sa | 0602 | −0.1 | −3 |
| | 1253 | 1.4 | 43 |
| | 1703 | 0.8 | 24 |
| | 2349 | 2.5 | 76 |
| **19** Su | 0705 | 0.1 | 3 |
| | 1357 | 1.3 | 40 |
| | 1751 | 0.9 | 27 |
| **20** M | 0050 | 2.4 | 73 |
| | 0817 | 0.3 | 9 |
| | 1512 | 1.3 | 40 |
| | 1855 | 1.0 | 30 |
| **21** Tu ◑ | 0205 | 2.3 | 70 |
| | 0933 | 0.4 | 12 |
| | 1629 | 1.3 | 40 |
| | 2023 | 1.0 | 30 |
| **22** W | 0334 | 2.2 | 67 |
| | 1041 | 0.5 | 15 |
| | 1731 | 1.5 | 46 |
| | 2202 | 1.0 | 30 |
| **23** Th | 0503 | 2.1 | 64 |
| | 1136 | 0.6 | 18 |
| | 1819 | 1.7 | 52 |
| | 2326 | 0.8 | 24 |
| **24** F | 0619 | 2.0 | 61 |
| | 1218 | 0.7 | 21 |
| | 1857 | 1.9 | 58 |
| **25** Sa | 0034 | 0.6 | 18 |
| | 0721 | 2.0 | 61 |
| | 1255 | 0.7 | 21 |
| | 1931 | 2.0 | 61 |
| **26** Su | 0128 | 0.5 | 15 |
| | 0814 | 1.9 | 58 |
| | 1328 | 0.8 | 24 |
| | 2001 | 2.2 | 67 |
| **27** M | 0215 | 0.3 | 9 |
| | 0859 | 1.8 | 55 |
| | 1359 | 0.8 | 24 |
| | 2030 | 2.3 | 70 |
| **28** Tu ● | 0257 | 0.2 | 6 |
| | 0939 | 1.7 | 52 |
| | 1431 | 0.8 | 24 |
| | 2057 | 2.3 | 70 |
| **29** W | 0336 | 0.1 | 3 |
| | 1016 | 1.6 | 49 |
| | 1502 | 0.8 | 24 |
| | 2126 | 2.3 | 70 |
| **30** Th | 0414 | 0.1 | 3 |
| | 1052 | 1.6 | 49 |
| | 1533 | 0.8 | 24 |
| | 2157 | 2.2 | 67 |
| **31** F | 0453 | 0.2 | 6 |
| | 1129 | 1.5 | 46 |
| | 1603 | 0.9 | 27 |
| | 2231 | 2.2 | 67 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0535 | 0.2 | 6 |
| | 1208 | 1.4 | 43 |
| | 1633 | 0.9 | 27 |
| | 2309 | 2.1 | 64 |
| **2** Su | 0621 | 0.3 | 9 |
| | 1254 | 1.3 | 40 |
| | 1706 | 1.0 | 30 |
| | 2352 | 2.1 | 64 |
| **3** M | 0713 | 0.4 | 12 |
| | 1349 | 1.3 | 40 |
| | 1744 | 1.0 | 30 |
| **4** Tu | 0042 | 2.0 | 61 |
| | 0812 | 0.5 | 15 |
| | 1452 | 1.3 | 40 |
| | 1839 | 1.1 | 34 |
| **5** W ◐ | 0140 | 1.9 | 58 |
| | 0913 | 0.6 | 18 |
| | 1557 | 1.3 | 40 |
| | 2004 | 1.1 | 34 |
| **6** Th | 0250 | 1.8 | 55 |
| | 1007 | 0.6 | 18 |
| | 1650 | 1.5 | 46 |
| | 2142 | 1.1 | 34 |
| **7** F | 0408 | 1.8 | 55 |
| | 1053 | 0.7 | 21 |
| | 1729 | 1.6 | 49 |
| | 2259 | 0.9 | 27 |
| **8** Sa | 0525 | 1.8 | 55 |
| | 1131 | 0.7 | 21 |
| | 1803 | 1.8 | 55 |
| **9** Su | 0000 | 0.6 | 18 |
| | 0633 | 1.8 | 55 |
| | 1207 | 0.7 | 21 |
| | 1835 | 2.0 | 61 |
| **10** M | 0052 | 0.4 | 12 |
| | 0734 | 1.7 | 52 |
| | 1242 | 0.7 | 21 |
| | 1908 | 2.1 | 64 |
| **11** Tu | 0140 | 0.1 | 3 |
| | 0829 | 1.7 | 52 |
| | 1318 | 0.8 | 24 |
| | 1944 | 2.3 | 70 |
| **12** W | 0228 | −0.2 | −6 |
| | 0920 | 1.6 | 49 |
| | 1355 | 0.7 | 21 |
| | 2024 | 2.5 | 76 |
| **13** Th ○ | 0316 | −0.3 | −9 |
| | 1010 | 1.5 | 46 |
| | 1434 | 0.7 | 21 |
| | 2107 | 2.6 | 79 |
| **14** F | 0407 | −0.4 | −12 |
| | 1100 | 1.4 | 43 |
| | 1515 | 0.7 | 21 |
| | 2155 | 2.6 | 79 |
| **15** Sa | 0459 | −0.3 | −9 |
| | 1150 | 1.3 | 40 |
| | 1600 | 0.7 | 21 |
| | 2247 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0555 | −0.2 | −6 |
| | 1243 | 1.2 | 37 |
| | 1649 | 0.7 | 21 |
| | 2344 | 2.4 | 73 |
| **17** M | 0654 | 0.0 | 0 |
| | 1340 | 1.2 | 37 |
| | 1748 | 0.7 | 21 |
| **18** Tu | 0047 | 2.3 | 70 |
| | 0756 | 0.2 | 6 |
| | 1441 | 1.3 | 40 |
| | 1901 | 0.8 | 24 |
| **19** W ◑ | 0159 | 2.1 | 64 |
| | 0857 | 0.3 | 9 |
| | 1542 | 1.4 | 43 |
| | 2031 | 0.8 | 24 |
| **20** Th | 0320 | 1.9 | 58 |
| | 0952 | 0.5 | 15 |
| | 1639 | 1.6 | 49 |
| | 2205 | 0.7 | 21 |
| **21** F | 0446 | 1.7 | 52 |
| | 1042 | 0.6 | 18 |
| | 1728 | 1.7 | 52 |
| | 2325 | 0.6 | 18 |
| **22** Sa | 0605 | 1.6 | 49 |
| | 1125 | 0.7 | 21 |
| | 1810 | 1.9 | 58 |
| **23** Su | 0029 | 0.4 | 12 |
| | 0712 | 1.5 | 46 |
| | 1205 | 0.7 | 21 |
| | 1848 | 2.0 | 61 |
| **24** M | 0122 | 0.2 | 6 |
| | 0807 | 1.4 | 43 |
| | 1243 | 0.7 | 21 |
| | 1923 | 2.1 | 64 |
| **25** Tu | 0206 | 0.1 | 3 |
| | 0852 | 1.4 | 43 |
| | 1319 | 0.7 | 21 |
| | 1955 | 2.1 | 64 |
| **26** W | 0246 | 0.0 | 0 |
| | 0931 | 1.3 | 40 |
| | 1355 | 0.7 | 21 |
| | 2028 | 2.1 | 64 |
| **27** Th ● | 0324 | −0.1 | −3 |
| | 1007 | 1.3 | 40 |
| | 1429 | 0.7 | 21 |
| | 2102 | 2.1 | 64 |
| **28** F | 0402 | −0.1 | −3 |
| | 1041 | 1.2 | 37 |
| | 1503 | 0.7 | 21 |
| | 2137 | 2.1 | 64 |
| **29** Sa | 0440 | 0.0 | 0 |
| | 1116 | 1.2 | 37 |
| | 1536 | 0.7 | 21 |
| | 2215 | 2.0 | 61 |
| **30** Su | 0519 | 0.0 | 0 |
| | 1154 | 1.2 | 37 |
| | 1611 | 0.7 | 21 |
| | 2254 | 2.0 | 61 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0600 | 0.1 | 3 |
| | 1235 | 1.2 | 37 |
| | 1649 | 0.7 | 21 |
| | 2335 | 1.9 | 58 |
| **2** Tu | 0642 | 0.2 | 6 |
| | 1319 | 1.2 | 37 |
| | 1734 | 0.8 | 24 |
| **3** W | 0019 | 1.9 | 58 |
| | 0724 | 0.3 | 9 |
| | 1405 | 1.2 | 37 |
| | 1832 | 0.8 | 24 |
| **4** Th | 0110 | 1.7 | 52 |
| | 0807 | 0.3 | 9 |
| | 1451 | 1.3 | 40 |
| | 1946 | 0.8 | 24 |
| **5** F ◐ | 0211 | 1.6 | 49 |
| | 0851 | 0.4 | 12 |
| | 1534 | 1.4 | 43 |
| | 2109 | 0.7 | 21 |
| **6** Sa | 0326 | 1.5 | 46 |
| | 0935 | 0.5 | 15 |
| | 1615 | 1.6 | 49 |
| | 2227 | 0.5 | 15 |
| **7** Su | 0450 | 1.4 | 43 |
| | 1019 | 0.6 | 18 |
| | 1656 | 1.7 | 52 |
| | 2333 | 0.2 | 6 |
| **8** M | 0612 | 1.3 | 40 |
| | 1104 | 0.6 | 18 |
| | 1739 | 1.9 | 58 |
| **9** Tu | 0031 | 0.0 | 0 |
| | 0723 | 1.3 | 40 |
| | 1150 | 0.6 | 18 |
| | 1824 | 2.0 | 61 |
| **10** W | 0126 | −0.3 | −9 |
| | 0823 | 1.2 | 37 |
| | 1235 | 0.6 | 18 |
| | 1913 | 2.2 | 67 |
| **11** Th | 0218 | −0.5 | −15 |
| | 0916 | 1.2 | 37 |
| | 1321 | 0.5 | 15 |
| | 2004 | 2.3 | 70 |
| **12** F ○ | 0310 | −0.6 | −18 |
| | 1004 | 1.1 | 34 |
| | 1409 | 0.5 | 15 |
| | 2057 | 2.4 | 73 |
| **13** Sa | 0401 | −0.6 | −18 |
| | 1050 | 1.1 | 34 |
| | 1458 | 0.4 | 12 |
| | 2151 | 2.4 | 73 |
| **14** Su | 0453 | −0.5 | −15 |
| | 1136 | 1.1 | 34 |
| | 1550 | 0.4 | 12 |
| | 2246 | 2.4 | 73 |
| **15** M | 0543 | −0.4 | −12 |
| | 1221 | 1.1 | 34 |
| | 1646 | 0.4 | 12 |
| | 2342 | 2.2 | 67 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0633 | −0.2 | −6 |
| | 1308 | 1.2 | 37 |
| | 1750 | 0.4 | 12 |
| **17** W | 0040 | 2.0 | 61 |
| | 0721 | 0.0 | 0 |
| | 1356 | 1.3 | 40 |
| | 1903 | 0.4 | 12 |
| **18** Th | 0143 | 1.7 | 52 |
| | 0807 | 0.2 | 6 |
| | 1445 | 1.4 | 43 |
| | 2025 | 0.4 | 12 |
| **19** F ◑ | 0254 | 1.4 | 43 |
| | 0853 | 0.4 | 12 |
| | 1536 | 1.5 | 46 |
| | 2150 | 0.3 | 9 |
| **20** Sa | 0418 | 1.2 | 37 |
| | 0940 | 0.5 | 15 |
| | 1627 | 1.6 | 49 |
| | 2308 | 0.2 | 6 |
| **21** Su | 0546 | 1.1 | 34 |
| | 1027 | 0.6 | 18 |
| | 1716 | 1.7 | 52 |
| **22** M | 0014 | 0.1 | 3 |
| | 0702 | 1.0 | 30 |
| | 1114 | 0.6 | 18 |
| | 1804 | 1.7 | 52 |
| **23** Tu | 0108 | 0.0 | 0 |
| | 0800 | 1.0 | 30 |
| | 1201 | 0.6 | 18 |
| | 1848 | 1.8 | 55 |
| **24** W | 0155 | −0.1 | −3 |
| | 0846 | 1.0 | 30 |
| | 1245 | 0.5 | 15 |
| | 1931 | 1.8 | 55 |
| **25** Th | 0237 | −0.2 | −6 |
| | 0923 | 0.9 | 27 |
| | 1327 | 0.5 | 15 |
| | 2011 | 1.8 | 55 |
| **26** F | 0315 | −0.2 | −6 |
| | 0956 | 0.9 | 27 |
| | 1406 | 0.5 | 15 |
| | 2050 | 1.8 | 55 |
| **27** Sa ● | 0352 | −0.3 | −9 |
| | 1027 | 1.0 | 30 |
| | 1444 | 0.4 | 12 |
| | 2128 | 1.9 | 58 |
| **28** Su | 0427 | −0.2 | −6 |
| | 1059 | 1.0 | 30 |
| | 1521 | 0.4 | 12 |
| | 2206 | 1.9 | 58 |
| **29** M | 0501 | −0.2 | −6 |
| | 1132 | 1.0 | 30 |
| | 1600 | 0.4 | 12 |
| | 2243 | 1.8 | 55 |
| **30** Tu | 0533 | −0.2 | −6 |
| | 1206 | 1.1 | 34 |
| | 1642 | 0.4 | 12 |
| | 2322 | 1.8 | 55 |
| **31** W | 0605 | −0.1 | −3 |
| | 1240 | 1.1 | 34 |
| | 1729 | 0.4 | 12 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Naples, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0106 | 0.5 | 15 |
| | 0725 | 1.7 | 52 |
| | 1242 | 1.3 | 40 |
| | 1842 | 2.5 | 76 |
| **2** W | 0206 | 0.2 | 6 |
| | 1015 | 1.7 | 52 |
| | 1343 | 1.5 | 46 |
| | 1933 | 2.5 | 76 |
| **3** Th | 0258 | 0.0 | 0 |
| | 1126 | 1.9 | 58 |
| | 1439 | 1.6 | 49 |
| | 2024 | 2.6 | 79 |
| **4** F | 0345 | −0.2 | −6 |
| | 1146 | 1.9 | 58 |
| | 1530 | 1.7 | 52 |
| | 2111 | 2.7 | 82 |
| **5** Sa | 0428 | −0.4 | −12 |
| | 1150 | 2.0 | 61 |
| | 1615 | 1.6 | 49 |
| | 2153 | 2.8 | 85 |
| **6** Su | 0508 | −0.6 | −18 |
| | 1210 | 2.1 | 64 |
| | 1655 | 1.6 | 49 |
| | 2231 | 2.9 | 88 |
| **7** M | 0546 | −0.7 | −21 |
| | 1237 | 2.1 | 64 |
| | 1732 | 1.5 | 46 |
| | 2305 | 2.9 | 88 |
| **8** Tu ● | 0623 | −0.8 | −24 |
| | 1308 | 2.2 | 67 |
| | 1809 | 1.3 | 40 |
| | 2337 | 3.0 | 91 |
| **9** W | 0658 | −0.8 | −24 |
| | 1341 | 2.2 | 67 |
| | 1846 | 1.2 | 37 |
| **10** Th | 0010 | 2.9 | 88 |
| | 0733 | −0.7 | −21 |
| | 1414 | 2.3 | 70 |
| | 1926 | 1.0 | 30 |
| **11** F | 0047 | 2.8 | 85 |
| | 0808 | −0.6 | −18 |
| | 1447 | 2.4 | 73 |
| | 2011 | 0.9 | 27 |
| **12** Sa | 0133 | 2.6 | 79 |
| | 0843 | −0.3 | −9 |
| | 1518 | 2.4 | 73 |
| | 2101 | 0.7 | 21 |
| **13** Su | 0229 | 2.4 | 73 |
| | 0919 | 0.0 | 0 |
| | 1548 | 2.5 | 76 |
| | 2201 | 0.5 | 15 |
| **14** M | 0343 | 2.1 | 64 |
| | 0958 | 0.5 | 15 |
| | 1619 | 2.5 | 76 |
| | 2311 | 0.3 | 9 |
| **15** Tu ◐ | 0515 | 1.8 | 55 |
| | 1042 | 0.9 | 27 |
| | 1655 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0026 | 0.0 | 0 |
| | 0701 | 1.7 | 52 |
| | 1143 | 1.3 | 40 |
| | 1742 | 2.7 | 82 |
| **17** Th | 0136 | −0.3 | −9 |
| | 0905 | 1.7 | 52 |
| | 1304 | 1.5 | 46 |
| | 1846 | 2.8 | 85 |
| **18** F | 0240 | −0.6 | −18 |
| | 1049 | 1.9 | 58 |
| | 1420 | 1.6 | 49 |
| | 2001 | 2.9 | 88 |
| **19** Sa | 0339 | −0.9 | −27 |
| | 1136 | 2.0 | 61 |
| | 1526 | 1.6 | 49 |
| | 2109 | 3.0 | 91 |
| **20** Su | 0433 | −1.1 | −34 |
| | 1207 | 2.1 | 64 |
| | 1624 | 1.4 | 43 |
| | 2206 | 3.1 | 94 |
| **21** M | 0523 | −1.2 | −37 |
| | 1234 | 2.1 | 64 |
| | 1716 | 1.2 | 37 |
| | 2258 | 3.2 | 98 |
| **22** Tu ○ | 0608 | −1.1 | −34 |
| | 1259 | 2.2 | 67 |
| | 1804 | 1.0 | 30 |
| | 2345 | 3.2 | 98 |
| **23** W | 0650 | −1.0 | −30 |
| | 1325 | 2.2 | 67 |
| | 1849 | 0.8 | 24 |
| **24** Th | 0031 | 3.0 | 91 |
| | 0729 | −0.7 | −21 |
| | 1353 | 2.3 | 70 |
| | 1934 | 0.6 | 18 |
| **25** F | 0118 | 2.8 | 85 |
| | 0806 | −0.4 | −12 |
| | 1422 | 2.3 | 70 |
| | 2019 | 0.5 | 15 |
| **26** Sa | 0207 | 2.5 | 76 |
| | 0840 | 0.0 | 0 |
| | 1453 | 2.4 | 73 |
| | 2107 | 0.4 | 12 |
| **27** Su | 0300 | 2.2 | 67 |
| | 0913 | 0.4 | 12 |
| | 1526 | 2.4 | 73 |
| | 2200 | 0.4 | 12 |
| **28** M | 0400 | 1.9 | 58 |
| | 0943 | 0.8 | 24 |
| | 1602 | 2.4 | 73 |
| | 2303 | 0.3 | 9 |
| **29** Tu | 0509 | 1.6 | 49 |
| | 0959 | 1.1 | 34 |
| | 1642 | 2.4 | 73 |
| **30** W ◑ | 0014 | 0.3 | 9 |
| | 0636 | 1.5 | 46 |
| | 0900 | 1.4 | 43 |
| | 1733 | 2.3 | 70 |
| **31** Th | 0124 | 0.1 | 3 |
| | 1840 | 2.3 | 70 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0226 | 0.0 | 0 |
| | 1205 | 1.8 | 55 |
| | 1405 | 1.7 | 52 |
| | 1952 | 2.4 | 73 |
| **2** Sa | 0319 | −0.2 | −6 |
| | 1209 | 1.8 | 55 |
| | 1507 | 1.6 | 49 |
| | 2053 | 2.5 | 76 |
| **3** Su | 0405 | −0.4 | −12 |
| | 1142 | 1.9 | 58 |
| | 1555 | 1.5 | 46 |
| | 2142 | 2.6 | 79 |
| **4** M | 0446 | −0.6 | −18 |
| | 1147 | 2.0 | 61 |
| | 1637 | 1.4 | 43 |
| | 2223 | 2.8 | 85 |
| **5** Tu | 0524 | −0.7 | −21 |
| | 1208 | 2.1 | 64 |
| | 1715 | 1.1 | 34 |
| | 2300 | 2.9 | 88 |
| **6** W ● | 0559 | −0.8 | −24 |
| | 1233 | 2.2 | 67 |
| | 1753 | 0.9 | 27 |
| | 2336 | 2.9 | 88 |
| **7** Th | 0633 | −0.8 | −24 |
| | 1259 | 2.3 | 70 |
| | 1832 | 0.7 | 21 |
| **8** F | 0012 | 2.9 | 88 |
| | 0706 | −0.6 | −18 |
| | 1326 | 2.4 | 73 |
| | 1913 | 0.4 | 12 |
| **9** Sa | 0053 | 2.8 | 85 |
| | 0739 | −0.4 | −12 |
| | 1351 | 2.5 | 76 |
| | 1956 | 0.2 | 6 |
| **10** Su | 0140 | 2.5 | 76 |
| | 0812 | −0.1 | −3 |
| | 1415 | 2.6 | 79 |
| | 2044 | 0.0 | 0 |
| **11** M | 0238 | 2.3 | 70 |
| | 0844 | 0.3 | 9 |
| | 1441 | 2.6 | 79 |
| | 2140 | −0.1 | −3 |
| **12** Tu | 0349 | 2.0 | 61 |
| | 0915 | 0.8 | 24 |
| | 1512 | 2.7 | 82 |
| | 2246 | −0.2 | −6 |
| **13** W ◐ | 0518 | 1.7 | 52 |
| | 0944 | 1.2 | 37 |
| | 1553 | 2.7 | 82 |
| **14** Th | 0002 | −0.3 | −9 |
| | 0717 | 1.6 | 49 |
| | 0945 | 1.5 | 46 |
| | 1652 | 2.6 | 79 |
| **15** F | 0119 | −0.5 | −15 |
| | 1057 | 1.8 | 55 |
| | 1248 | 1.7 | 52 |
| | 1828 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0228 | −0.6 | −18 |
| | 1117 | 1.9 | 58 |
| | 1417 | 1.6 | 49 |
| | 2006 | 2.7 | 82 |
| **17** Su | 0328 | −0.8 | −24 |
| | 1134 | 2.0 | 61 |
| | 1524 | 1.4 | 43 |
| | 2118 | 2.8 | 85 |
| **18** M | 0421 | −0.8 | −24 |
| | 1147 | 2.1 | 64 |
| | 1619 | 1.1 | 34 |
| | 2214 | 2.9 | 88 |
| **19** Tu | 0507 | −0.8 | −24 |
| | 1200 | 2.1 | 64 |
| | 1708 | 0.8 | 24 |
| | 2301 | 3.0 | 91 |
| **20** W ○ | 0548 | −0.7 | −21 |
| | 1216 | 2.2 | 67 |
| | 1752 | 0.5 | 15 |
| | 2344 | 2.9 | 88 |
| **21** Th | 0625 | −0.5 | −15 |
| | 1237 | 2.3 | 70 |
| | 1833 | 0.3 | 9 |
| **22** F | 0025 | 2.8 | 85 |
| | 0700 | −0.3 | −9 |
| | 1300 | 2.4 | 73 |
| | 1913 | 0.1 | 3 |
| **23** Sa | 0105 | 2.6 | 79 |
| | 0732 | 0.0 | 0 |
| | 1324 | 2.5 | 76 |
| | 1953 | 0.0 | 0 |
| **24** Su | 0148 | 2.4 | 73 |
| | 0801 | 0.3 | 9 |
| | 1351 | 2.6 | 79 |
| | 2034 | 0.0 | 0 |
| **25** M | 0234 | 2.1 | 64 |
| | 0825 | 0.7 | 21 |
| | 1418 | 2.5 | 76 |
| | 2119 | 0.0 | 0 |
| **26** Tu | 0328 | 1.9 | 58 |
| | 0837 | 1.0 | 30 |
| | 1446 | 2.5 | 76 |
| | 2212 | 0.1 | 3 |
| **27** W | 0434 | 1.6 | 49 |
| | 0825 | 1.2 | 37 |
| | 1517 | 2.4 | 73 |
| | 2320 | 0.2 | 6 |
| **28** Th ◑ | 0557 | 1.5 | 46 |
| | 0817 | 1.4 | 43 |
| | 1602 | 2.3 | 70 |
| **29** F | 0037 | 0.2 | 6 |
| | 1737 | 2.2 | 67 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0147 | 0.0 | 0 |
| | 1920 | 2.3 | 70 |
| **2** Su | 0245 | −0.1 | −3 |
| | 1124 | 1.8 | 55 |
| | 1443 | 1.6 | 49 |
| | 2030 | 2.4 | 73 |
| **3** M | 0333 | −0.3 | −9 |
| | 1050 | 2.0 | 61 |
| | 1532 | 1.4 | 43 |
| | 2124 | 2.6 | 79 |
| **4** Tu | 0414 | −0.4 | −12 |
| | 1103 | 2.1 | 64 |
| | 1614 | 1.1 | 34 |
| | 2208 | 2.7 | 82 |
| **5** W | 0452 | −0.5 | −15 |
| | 1124 | 2.3 | 70 |
| | 1653 | 0.8 | 24 |
| | 2249 | 2.9 | 88 |
| **6** Th | 0527 | −0.5 | −15 |
| | 1147 | 2.4 | 73 |
| | 1733 | 0.4 | 12 |
| | 2328 | 2.9 | 88 |
| **7** F ● | 0602 | −0.4 | −12 |
| | 1210 | 2.6 | 79 |
| | 1813 | 0.1 | 3 |
| **8** Sa | 0010 | 2.9 | 88 |
| | 0636 | −0.2 | −6 |
| | 1232 | 2.7 | 82 |
| | 1855 | −0.2 | −6 |
| **9** Su | 0055 | 2.7 | 82 |
| | 0709 | 0.1 | 3 |
| | 1254 | 2.8 | 85 |
| | 1940 | −0.5 | −15 |
| **10** M | 0147 | 2.5 | 76 |
| | 0742 | 0.5 | 15 |
| | 1319 | 2.9 | 88 |
| | 2028 | −0.6 | −18 |
| **11** Tu | 0248 | 2.2 | 67 |
| | 0814 | 0.8 | 24 |
| | 1348 | 3.0 | 91 |
| | 2123 | −0.6 | −18 |
| **12** W | 0401 | 2.0 | 61 |
| | 0844 | 1.2 | 37 |
| | 1425 | 2.9 | 88 |
| | 2228 | −0.5 | −15 |
| **13** Th | 0531 | 1.7 | 52 |
| | 0907 | 1.5 | 46 |
| | 1516 | 2.8 | 85 |
| | 2344 | −0.4 | −12 |
| **14** F ◐ | 1638 | 2.6 | 79 |
| **15** Sa | 0102 | −0.4 | −12 |
| | 1022 | 1.9 | 58 |
| | 1255 | 1.7 | 52 |
| | 1841 | 2.6 | 79 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0211 | −0.4 | −12 |
| | 1039 | 2.0 | 61 |
| | 1418 | 1.5 | 46 |
| | 2014 | 2.6 | 79 |
| **17** M | 0310 | −0.4 | −12 |
| | 1050 | 2.1 | 64 |
| | 1520 | 1.2 | 37 |
| | 2122 | 2.7 | 82 |
| **18** Tu | 0359 | −0.3 | −9 |
| | 1059 | 2.2 | 67 |
| | 1610 | 0.8 | 24 |
| | 2215 | 2.8 | 85 |
| **19** W | 0442 | −0.2 | −6 |
| | 1111 | 2.3 | 70 |
| | 1655 | 0.5 | 15 |
| | 2259 | 2.8 | 85 |
| **20** Th | 0520 | −0.1 | −3 |
| | 1128 | 2.5 | 76 |
| | 1736 | 0.2 | 6 |
| | 2338 | 2.7 | 82 |
| **21** F ○ | 0555 | 0.1 | 3 |
| | 1148 | 2.6 | 79 |
| | 1814 | 0.0 | 0 |
| **22** Sa | 0015 | 2.6 | 79 |
| | 0627 | 0.4 | 12 |
| | 1209 | 2.7 | 82 |
| | 1851 | −0.2 | −6 |
| **23** Su | 0052 | 2.5 | 76 |
| | 0657 | 0.6 | 18 |
| | 1231 | 2.8 | 85 |
| | 1928 | −0.2 | −6 |
| **24** M | 0132 | 2.3 | 70 |
| | 0722 | 0.8 | 24 |
| | 1254 | 2.8 | 85 |
| | 2005 | −0.2 | −6 |
| **25** Tu | 0217 | 2.1 | 64 |
| | 0742 | 1.1 | 34 |
| | 1317 | 2.7 | 82 |
| | 2046 | −0.1 | −3 |
| **26** W | 0310 | 2.0 | 61 |
| | 0749 | 1.3 | 40 |
| | 1341 | 2.7 | 82 |
| | 2135 | 0.0 | 0 |
| **27** Th | 0414 | 1.8 | 55 |
| | 0750 | 1.4 | 43 |
| | 1411 | 2.6 | 79 |
| | 2235 | 0.1 | 3 |
| **28** F | 0533 | 1.7 | 52 |
| | 0800 | 1.5 | 46 |
| | 1452 | 2.4 | 73 |
| | 2348 | 0.2 | 6 |
| **29** Sa ◑ | 1609 | 2.3 | 70 |
| **30** Su | 0100 | 0.2 | 6 |
| | 1838 | 2.3 | 70 |
| **31** M | 0200 | 0.1 | 3 |
| | 0925 | 2.0 | 61 |
| | 1411 | 1.6 | 49 |
| | 1958 | 2.4 | 73 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Naples, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0249 | 0.0 | 0 |
| | 0945 | 2.2 | 67 |
| | 1502 | 1.3 | 40 |
| | 2058 | 2.5 | 76 |
| **2** W | 0332 | 0.0 | 0 |
| | 1009 | 2.3 | 70 |
| | 1546 | 0.9 | 27 |
| | 2149 | 2.7 | 82 |
| **3** Th | 0412 | 0.0 | 0 |
| | 1032 | 2.5 | 76 |
| | 1628 | 0.4 | 12 |
| | 2235 | 2.8 | 85 |
| **4** F | 0450 | 0.1 | 3 |
| | 1055 | 2.7 | 82 |
| | 1710 | 0.0 | 0 |
| | 2320 | 2.8 | 85 |
| **5** Sa ● | 0527 | 0.3 | 9 |
| | 1118 | 2.9 | 88 |
| | 1754 | −0.4 | −12 |
| **6** Su | 0007 | 2.8 | 85 |
| | 0604 | 0.5 | 15 |
| | 1141 | 3.1 | 94 |
| | 1838 | −0.7 | −21 |
| **7** M | 0057 | 2.7 | 82 |
| | 0640 | 0.8 | 24 |
| | 1207 | 3.2 | 98 |
| | 1925 | −0.9 | −27 |
| **8** Tu | 0154 | 2.5 | 76 |
| | 0716 | 1.0 | 30 |
| | 1238 | 3.3 | 101 |
| | 2015 | −0.9 | −27 |
| **9** W | 0300 | 2.3 | 70 |
| | 0753 | 1.3 | 40 |
| | 1315 | 3.2 | 98 |
| | 2110 | −0.8 | −24 |
| **10** Th | 0414 | 2.1 | 64 |
| | 0831 | 1.5 | 46 |
| | 1402 | 3.1 | 94 |
| | 2213 | −0.6 | −18 |
| **11** F | 0538 | 1.9 | 58 |
| | 0926 | 1.7 | 52 |
| | 1509 | 2.9 | 88 |
| | 2325 | −0.3 | −9 |
| **12** Sa ◐ | 0734 | 1.9 | 58 |
| | 1112 | 1.8 | 55 |
| | 1700 | 2.6 | 79 |
| **13** Su | 0038 | −0.2 | −6 |
| | 0859 | 2.0 | 61 |
| | 1254 | 1.6 | 49 |
| | 1844 | 2.5 | 76 |
| **14** M | 0144 | 0.0 | 0 |
| | 0926 | 2.2 | 67 |
| | 1409 | 1.3 | 40 |
| | 2010 | 2.5 | 76 |
| **15** Tu | 0240 | 0.1 | 3 |
| | 0943 | 2.3 | 70 |
| | 1507 | 0.9 | 27 |
| | 2118 | 2.5 | 76 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0327 | 0.3 | 9 |
| | 1000 | 2.4 | 73 |
| | 1555 | 0.6 | 18 |
| | 2211 | 2.5 | 76 |
| **17** Th | 0409 | 0.4 | 12 |
| | 1019 | 2.6 | 79 |
| | 1638 | 0.2 | 6 |
| | 2254 | 2.5 | 76 |
| **18** F | 0447 | 0.6 | 18 |
| | 1040 | 2.7 | 82 |
| | 1717 | 0.0 | 0 |
| | 2332 | 2.5 | 76 |
| **19** Sa | 0522 | 0.8 | 24 |
| | 1102 | 2.9 | 88 |
| | 1754 | −0.2 | −6 |
| **20** Su ○ | 0007 | 2.4 | 73 |
| | 0554 | 1.0 | 30 |
| | 1125 | 2.9 | 88 |
| | 1830 | −0.3 | −9 |
| **21** M | 0043 | 2.4 | 73 |
| | 0623 | 1.2 | 37 |
| | 1148 | 3.0 | 91 |
| | 1906 | −0.3 | −9 |
| **22** Tu | 0123 | 2.3 | 70 |
| | 0649 | 1.3 | 40 |
| | 1211 | 3.0 | 91 |
| | 1943 | −0.3 | −9 |
| **23** W | 0209 | 2.2 | 67 |
| | 0708 | 1.4 | 43 |
| | 1235 | 2.9 | 88 |
| | 2024 | −0.2 | −6 |
| **24** Th | 0303 | 2.1 | 64 |
| | 0722 | 1.5 | 46 |
| | 1302 | 2.8 | 85 |
| | 2109 | −0.1 | −3 |
| **25** F | 0405 | 2.0 | 61 |
| | 0739 | 1.6 | 49 |
| | 1336 | 2.7 | 82 |
| | 2201 | 0.0 | 0 |
| **26** Sa | 0511 | 1.9 | 58 |
| | 0810 | 1.7 | 52 |
| | 1422 | 2.6 | 79 |
| | 2302 | 0.1 | 3 |
| **27** Su | 0618 | 2.0 | 61 |
| | 0911 | 1.8 | 55 |
| | 1535 | 2.4 | 73 |
| **28** M ◑ | 0007 | 0.2 | 6 |
| | 0718 | 2.1 | 64 |
| | 1218 | 1.8 | 55 |
| | 1745 | 2.3 | 70 |
| **29** Tu | 0105 | 0.3 | 9 |
| | 0804 | 2.2 | 67 |
| | 1334 | 1.4 | 43 |
| | 1917 | 2.3 | 70 |
| **30** W | 0157 | 0.3 | 9 |
| | 0839 | 2.4 | 73 |
| | 1428 | 1.0 | 30 |
| | 2029 | 2.4 | 73 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0243 | 0.4 | 12 |
| | 0909 | 2.6 | 79 |
| | 1516 | 0.6 | 18 |
| | 2130 | 2.5 | 76 |
| **2** F | 0327 | 0.6 | 18 |
| | 0937 | 2.8 | 85 |
| | 1603 | 0.1 | 3 |
| | 2224 | 2.6 | 79 |
| **3** Sa | 0410 | 0.7 | 21 |
| | 1004 | 3.0 | 91 |
| | 1649 | −0.4 | −12 |
| | 2315 | 2.7 | 82 |
| **4** Su | 0451 | 0.9 | 27 |
| | 1031 | 3.3 | 101 |
| | 1736 | −0.8 | −24 |
| **5** M ● | 0007 | 2.7 | 82 |
| | 0533 | 1.1 | 34 |
| | 1101 | 3.4 | 104 |
| | 1824 | −1.0 | −30 |
| **6** Tu | 0102 | 2.6 | 79 |
| | 0615 | 1.3 | 40 |
| | 1136 | 3.5 | 107 |
| | 1913 | −1.1 | −34 |
| **7** W | 0202 | 2.4 | 73 |
| | 0657 | 1.4 | 43 |
| | 1216 | 3.5 | 107 |
| | 2004 | −1.1 | −34 |
| **8** Th | 0307 | 2.3 | 70 |
| | 0741 | 1.6 | 49 |
| | 1303 | 3.4 | 104 |
| | 2058 | −0.8 | −24 |
| **9** F | 0413 | 2.2 | 67 |
| | 0833 | 1.6 | 49 |
| | 1403 | 3.2 | 98 |
| | 2156 | −0.5 | −15 |
| **10** Sa | 0517 | 2.1 | 64 |
| | 0941 | 1.7 | 52 |
| | 1527 | 2.9 | 88 |
| | 2259 | −0.2 | −6 |
| **11** Su ◐ | 0618 | 2.2 | 67 |
| | 1109 | 1.6 | 49 |
| | 1701 | 2.6 | 79 |
| **12** M | 0004 | 0.1 | 3 |
| | 0711 | 2.2 | 67 |
| | 1236 | 1.4 | 43 |
| | 1828 | 2.4 | 73 |
| **13** Tu | 0105 | 0.4 | 12 |
| | 0755 | 2.4 | 73 |
| | 1348 | 1.0 | 30 |
| | 1952 | 2.3 | 70 |
| **14** W | 0159 | 0.6 | 18 |
| | 0830 | 2.5 | 76 |
| | 1446 | 0.7 | 21 |
| | 2107 | 2.3 | 70 |
| **15** Th | 0247 | 0.8 | 24 |
| | 0900 | 2.6 | 79 |
| | 1534 | 0.4 | 12 |
| | 2206 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0331 | 1.1 | 34 |
| | 0929 | 2.8 | 85 |
| | 1617 | 0.1 | 3 |
| | 2252 | 2.3 | 70 |
| **17** Sa | 0411 | 1.2 | 37 |
| | 0957 | 2.9 | 88 |
| | 1657 | −0.1 | −3 |
| | 2330 | 2.3 | 70 |
| **18** Su | 0448 | 1.4 | 43 |
| | 1025 | 3.0 | 91 |
| | 1735 | −0.3 | −9 |
| **19** M ○ | 0005 | 2.3 | 70 |
| | 0523 | 1.5 | 46 |
| | 1052 | 3.0 | 91 |
| | 1812 | −0.4 | −12 |
| **20** Tu | 0041 | 2.2 | 67 |
| | 0555 | 1.5 | 46 |
| | 1119 | 3.1 | 94 |
| | 1849 | −0.4 | −12 |
| **21** W | 0121 | 2.2 | 67 |
| | 0623 | 1.6 | 49 |
| | 1146 | 3.1 | 94 |
| | 1927 | −0.4 | −12 |
| **22** Th | 0206 | 2.2 | 67 |
| | 0650 | 1.6 | 49 |
| | 1213 | 3.0 | 91 |
| | 2006 | −0.3 | −9 |
| **23** F | 0257 | 2.2 | 67 |
| | 0718 | 1.7 | 52 |
| | 1244 | 3.0 | 91 |
| | 2047 | −0.2 | −6 |
| **24** Sa | 0349 | 2.2 | 67 |
| | 0754 | 1.7 | 52 |
| | 1322 | 2.8 | 85 |
| | 2131 | −0.1 | −3 |
| **25** Su | 0440 | 2.2 | 67 |
| | 0845 | 1.7 | 52 |
| | 1412 | 2.7 | 82 |
| | 2219 | 0.1 | 3 |
| **26** M | 0528 | 2.2 | 67 |
| | 1004 | 1.7 | 52 |
| | 1522 | 2.5 | 76 |
| | 2312 | 0.2 | 6 |
| **27** Tu ◑ | 0612 | 2.3 | 70 |
| | 1138 | 1.5 | 46 |
| | 1701 | 2.3 | 70 |
| **28** W | 0006 | 0.4 | 12 |
| | 0653 | 2.4 | 73 |
| | 1254 | 1.2 | 37 |
| | 1838 | 2.2 | 67 |
| **29** Th | 0100 | 0.7 | 21 |
| | 0731 | 2.6 | 79 |
| | 1354 | 0.7 | 21 |
| | 2003 | 2.2 | 67 |
| **30** F | 0152 | 0.9 | 27 |
| | 0806 | 2.8 | 85 |
| | 1449 | 0.2 | 6 |
| | 2116 | 2.3 | 70 |
| **31** Sa | 0241 | 1.1 | 34 |
| | 0841 | 3.0 | 91 |
| | 1540 | −0.3 | −9 |
| | 2220 | 2.4 | 73 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0330 | 1.3 | 40 |
| | 0918 | 3.2 | 98 |
| | 1632 | −0.7 | −21 |
| | 2318 | 2.5 | 76 |
| **2** M | 0419 | 1.4 | 43 |
| | 0956 | 3.5 | 107 |
| | 1722 | −1.0 | −30 |
| **3** Tu ● | 0013 | 2.5 | 76 |
| | 0508 | 1.5 | 46 |
| | 1038 | 3.6 | 110 |
| | 1813 | −1.2 | −37 |
| **4** W | 0108 | 2.4 | 73 |
| | 0556 | 1.6 | 49 |
| | 1123 | 3.7 | 113 |
| | 1903 | −1.2 | −37 |
| **5** Th | 0203 | 2.4 | 73 |
| | 0645 | 1.5 | 46 |
| | 1212 | 3.6 | 110 |
| | 1952 | −1.0 | −30 |
| **6** F | 0256 | 2.3 | 70 |
| | 0735 | 1.5 | 46 |
| | 1307 | 3.4 | 104 |
| | 2042 | −0.8 | −24 |
| **7** Sa | 0346 | 2.3 | 70 |
| | 0830 | 1.4 | 43 |
| | 1413 | 3.2 | 98 |
| | 2133 | −0.4 | −12 |
| **8** Su | 0432 | 2.3 | 70 |
| | 0933 | 1.4 | 43 |
| | 1527 | 2.9 | 88 |
| | 2225 | 0.0 | 0 |
| **9** M | 0515 | 2.4 | 73 |
| | 1047 | 1.3 | 40 |
| | 1642 | 2.5 | 76 |
| | 2320 | 0.4 | 12 |
| **10** Tu ◐ | 0558 | 2.4 | 73 |
| | 1205 | 1.1 | 34 |
| | 1759 | 2.3 | 70 |
| **11** W | 0016 | 0.8 | 24 |
| | 0640 | 2.5 | 76 |
| | 1316 | 0.8 | 24 |
| | 1922 | 2.1 | 64 |
| **12** Th | 0111 | 1.1 | 34 |
| | 0723 | 2.6 | 79 |
| | 1416 | 0.5 | 15 |
| | 2052 | 2.0 | 61 |
| **13** F | 0203 | 1.3 | 40 |
| | 0805 | 2.7 | 82 |
| | 1508 | 0.3 | 9 |
| | 2214 | 2.0 | 61 |
| **14** Sa | 0252 | 1.5 | 46 |
| | 0845 | 2.8 | 85 |
| | 1554 | 0.1 | 3 |
| | 2308 | 2.1 | 64 |
| **15** Su | 0337 | 1.6 | 49 |
| | 0924 | 2.9 | 88 |
| | 1637 | −0.1 | −3 |
| | 2341 | 2.1 | 64 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0420 | 1.7 | 52 |
| | 1001 | 3.0 | 91 |
| | 1717 | −0.2 | −6 |
| **17** Tu | 0008 | 2.1 | 64 |
| | 0458 | 1.7 | 52 |
| | 1035 | 3.1 | 94 |
| | 1756 | −0.4 | −12 |
| **18** W ○ | 0040 | 2.2 | 67 |
| | 0534 | 1.7 | 52 |
| | 1108 | 3.1 | 94 |
| | 1833 | −0.4 | −12 |
| **19** Th | 0115 | 2.2 | 67 |
| | 0608 | 1.7 | 52 |
| | 1139 | 3.1 | 94 |
| | 1910 | −0.4 | −12 |
| **20** F | 0154 | 2.2 | 67 |
| | 0642 | 1.6 | 49 |
| | 1209 | 3.1 | 94 |
| | 1947 | −0.4 | −12 |
| **21** Sa | 0235 | 2.3 | 70 |
| | 0718 | 1.6 | 49 |
| | 1242 | 3.1 | 94 |
| | 2023 | −0.3 | −9 |
| **22** Su | 0316 | 2.3 | 70 |
| | 0800 | 1.5 | 46 |
| | 1321 | 2.9 | 88 |
| | 2100 | −0.2 | −6 |
| **23** M | 0355 | 2.4 | 73 |
| | 0849 | 1.4 | 43 |
| | 1410 | 2.8 | 85 |
| | 2138 | 0.1 | 3 |
| **24** Tu | 0432 | 2.5 | 76 |
| | 0950 | 1.3 | 40 |
| | 1515 | 2.5 | 76 |
| | 2220 | 0.4 | 12 |
| **25** W | 0507 | 2.5 | 76 |
| | 1102 | 1.1 | 34 |
| | 1637 | 2.3 | 70 |
| | 2307 | 0.7 | 21 |
| **26** Th ◑ | 0542 | 2.6 | 79 |
| | 1216 | 0.8 | 24 |
| | 1811 | 2.1 | 64 |
| **27** F | 0000 | 1.0 | 30 |
| | 0619 | 2.8 | 85 |
| | 1324 | 0.4 | 12 |
| | 1948 | 2.1 | 64 |
| **28** Sa | 0100 | 1.3 | 40 |
| | 0703 | 2.9 | 88 |
| | 1425 | 0.0 | 0 |
| | 2117 | 2.1 | 64 |
| **29** Su | 0200 | 1.6 | 49 |
| | 0754 | 3.1 | 94 |
| | 1523 | −0.4 | −12 |
| | 2230 | 2.2 | 67 |
| **30** M | 0300 | 1.7 | 52 |
| | 0848 | 3.3 | 101 |
| | 1619 | −0.8 | −24 |
| | 2329 | 2.3 | 70 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Naples, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0357 | 1.7 | 52 |
| | 0942 | 3.5 | 107 |
| | 1712 | −1.0 | −30 |
| **2** W ● | 0018 | 2.4 | 73 |
| | 0452 | 1.6 | 49 |
| | 1034 | 3.7 | 113 |
| | 1802 | −1.1 | −34 |
| **3** Th | 0101 | 2.4 | 73 |
| | 0545 | 1.5 | 46 |
| | 1125 | 3.7 | 113 |
| | 1850 | −1.0 | −30 |
| **4** F | 0142 | 2.4 | 73 |
| | 0635 | 1.4 | 43 |
| | 1216 | 3.6 | 110 |
| | 1935 | −0.8 | −24 |
| **5** Sa | 0221 | 2.4 | 73 |
| | 0725 | 1.2 | 37 |
| | 1311 | 3.4 | 104 |
| | 2019 | −0.5 | −15 |
| **6** Su | 0258 | 2.4 | 73 |
| | 0817 | 1.1 | 34 |
| | 1408 | 3.1 | 94 |
| | 2102 | −0.1 | −3 |
| **7** M | 0335 | 2.5 | 76 |
| | 0912 | 1.0 | 30 |
| | 1510 | 2.8 | 85 |
| | 2145 | 0.3 | 9 |
| **8** Tu | 0413 | 2.6 | 79 |
| | 1014 | 0.9 | 27 |
| | 1615 | 2.4 | 73 |
| | 2230 | 0.7 | 21 |
| **9** W ◐ | 0452 | 2.6 | 79 |
| | 1123 | 0.8 | 24 |
| | 1724 | 2.1 | 64 |
| | 2320 | 1.1 | 34 |
| **10** Th | 0534 | 2.7 | 82 |
| | 1234 | 0.7 | 21 |
| | 1844 | 1.9 | 58 |
| **11** F | 0016 | 1.4 | 43 |
| | 0622 | 2.7 | 82 |
| | 1340 | 0.5 | 15 |
| | 2044 | 1.9 | 58 |
| **12** Sa | 0117 | 1.7 | 52 |
| | 0715 | 2.7 | 82 |
| | 1439 | 0.3 | 9 |
| | 2322 | 2.0 | 61 |
| **13** Su | 0217 | 1.8 | 55 |
| | 0811 | 2.8 | 85 |
| | 1531 | 0.2 | 6 |
| **14** M | 0001 | 2.1 | 64 |
| | 0311 | 1.8 | 55 |
| | 0903 | 2.9 | 88 |
| | 1617 | 0.0 | 0 |
| **15** Tu | 0004 | 2.1 | 64 |
| | 0358 | 1.8 | 55 |
| | 0948 | 3.0 | 91 |
| | 1659 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0002 | 2.2 | 67 |
| | 0440 | 1.7 | 52 |
| | 1028 | 3.1 | 94 |
| | 1738 | −0.3 | −9 |
| **17** Th | 0023 | 2.2 | 67 |
| | 0518 | 1.6 | 49 |
| | 1104 | 3.2 | 98 |
| | 1814 | −0.3 | −9 |
| **18** F ○ | 0051 | 2.3 | 70 |
| | 0554 | 1.5 | 46 |
| | 1137 | 3.2 | 98 |
| | 1848 | −0.4 | −12 |
| **19** Sa | 0122 | 2.4 | 73 |
| | 0630 | 1.4 | 43 |
| | 1209 | 3.2 | 98 |
| | 1921 | −0.3 | −9 |
| **20** Su | 0154 | 2.5 | 76 |
| | 0708 | 1.3 | 40 |
| | 1243 | 3.2 | 98 |
| | 1954 | −0.2 | −6 |
| **21** M | 0226 | 2.5 | 76 |
| | 0749 | 1.1 | 34 |
| | 1323 | 3.0 | 91 |
| | 2027 | 0.0 | 0 |
| **22** Tu | 0256 | 2.6 | 79 |
| | 0835 | 1.0 | 30 |
| | 1411 | 2.8 | 85 |
| | 2100 | 0.3 | 9 |
| **23** W | 0325 | 2.7 | 82 |
| | 0928 | 0.8 | 24 |
| | 1511 | 2.5 | 76 |
| | 2134 | 0.7 | 21 |
| **24** Th | 0353 | 2.8 | 85 |
| | 1031 | 0.7 | 21 |
| | 1628 | 2.3 | 70 |
| | 2211 | 1.1 | 34 |
| **25** F ◑ | 0425 | 2.8 | 85 |
| | 1145 | 0.5 | 15 |
| | 1802 | 2.1 | 64 |
| | 2258 | 1.5 | 46 |
| **26** Sa | 0509 | 2.9 | 88 |
| | 1259 | 0.2 | 6 |
| | 1952 | 2.0 | 61 |
| **27** Su | 0012 | 1.7 | 52 |
| | 0611 | 3.0 | 91 |
| | 1408 | −0.1 | −3 |
| | 2146 | 2.1 | 64 |
| **28** M | 0137 | 1.9 | 58 |
| | 0730 | 3.2 | 98 |
| | 1510 | −0.4 | −12 |
| | 2255 | 2.2 | 67 |
| **29** Tu | 0248 | 1.9 | 58 |
| | 0844 | 3.3 | 101 |
| | 1607 | −0.6 | −18 |
| | 2333 | 2.3 | 70 |
| **30** W | 0350 | 1.7 | 52 |
| | 0945 | 3.5 | 107 |
| | 1700 | −0.7 | −21 |
| **31** Th | 0003 | 2.4 | 73 |
| | 0445 | 1.5 | 46 |
| | 1039 | 3.7 | 113 |
| | 1747 | −0.7 | −21 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0031 | 2.4 | 73 |
| | 0535 | 1.3 | 40 |
| | 1129 | 3.7 | 113 |
| | 1831 | −0.6 | −18 |
| **2** Sa | 0059 | 2.5 | 76 |
| | 0623 | 1.0 | 30 |
| | 1217 | 3.6 | 110 |
| | 1912 | −0.4 | −12 |
| **3** Su | 0129 | 2.6 | 79 |
| | 0710 | 0.8 | 24 |
| | 1304 | 3.4 | 104 |
| | 1950 | 0.0 | 0 |
| **4** M | 0159 | 2.7 | 82 |
| | 0756 | 0.7 | 21 |
| | 1354 | 3.1 | 94 |
| | 2027 | 0.3 | 9 |
| **5** Tu | 0231 | 2.7 | 82 |
| | 0844 | 0.6 | 18 |
| | 1447 | 2.8 | 85 |
| | 2102 | 0.7 | 21 |
| **6** W | 0305 | 2.8 | 85 |
| | 0936 | 0.6 | 18 |
| | 1544 | 2.4 | 73 |
| | 2137 | 1.1 | 34 |
| **7** Th | 0343 | 2.8 | 85 |
| | 1036 | 0.7 | 21 |
| | 1648 | 2.2 | 67 |
| | 2210 | 1.5 | 46 |
| **8** F ◐ | 0427 | 2.7 | 82 |
| | 1146 | 0.7 | 21 |
| | 1805 | 2.0 | 61 |
| | 2245 | 1.8 | 55 |
| **9** Sa | 0522 | 2.7 | 82 |
| | 1259 | 0.6 | 18 |
| **10** Su | 0632 | 2.7 | 82 |
| | 1406 | 0.5 | 15 |
| | 2335 | 2.1 | 64 |
| **11** M | 0152 | 2.0 | 61 |
| | 0745 | 2.7 | 82 |
| | 1504 | 0.3 | 9 |
| | 2348 | 2.2 | 67 |
| **12** Tu | 0253 | 1.9 | 58 |
| | 0847 | 2.9 | 88 |
| | 1552 | 0.2 | 6 |
| | 2325 | 2.2 | 67 |
| **13** W | 0341 | 1.8 | 55 |
| | 0936 | 3.1 | 94 |
| | 1634 | 0.0 | 0 |
| | 2325 | 2.3 | 70 |
| **14** Th | 0421 | 1.7 | 52 |
| | 1018 | 3.2 | 98 |
| | 1712 | −0.1 | −3 |
| | 2345 | 2.4 | 73 |
| **15** F | 0459 | 1.5 | 46 |
| | 1055 | 3.3 | 101 |
| | 1746 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0009 | 2.5 | 76 |
| | 0535 | 1.3 | 40 |
| | 1129 | 3.4 | 104 |
| | 1819 | −0.1 | −3 |
| **17** Su | 0035 | 2.7 | 82 |
| | 0612 | 1.0 | 30 |
| | 1204 | 3.3 | 101 |
| | 1851 | 0.0 | 0 |
| **18** M | 0101 | 2.8 | 85 |
| | 0651 | 0.8 | 24 |
| | 1241 | 3.2 | 98 |
| | 1922 | 0.2 | 6 |
| **19** Tu | 0124 | 2.9 | 88 |
| | 0732 | 0.6 | 18 |
| | 1323 | 3.1 | 94 |
| | 1953 | 0.5 | 15 |
| **20** W | 0147 | 2.9 | 88 |
| | 0816 | 0.4 | 12 |
| | 1413 | 2.9 | 88 |
| | 2024 | 0.8 | 24 |
| **21** Th | 0210 | 3.0 | 91 |
| | 0907 | 0.3 | 9 |
| | 1516 | 2.6 | 79 |
| | 2055 | 1.2 | 37 |
| **22** F | 0240 | 3.1 | 94 |
| | 1008 | 0.3 | 9 |
| | 1635 | 2.3 | 70 |
| | 2126 | 1.5 | 46 |
| **23** Sa ◑ | 0320 | 3.1 | 94 |
| | 1121 | 0.3 | 9 |
| | 1812 | 2.1 | 64 |
| | 2159 | 1.9 | 58 |
| **24** Su | 0418 | 3.1 | 94 |
| | 1240 | 0.2 | 6 |
| | 2034 | 2.1 | 64 |
| | 2359 | 2.0 | 61 |
| **25** M | 0551 | 3.1 | 94 |
| | 1353 | 0.0 | 0 |
| | 2227 | 2.3 | 70 |
| **26** Tu | 0139 | 2.0 | 61 |
| | 0736 | 3.2 | 98 |
| | 1457 | −0.1 | −3 |
| | 2248 | 2.4 | 73 |
| **27** W | 0249 | 1.8 | 55 |
| | 0853 | 3.3 | 101 |
| | 1553 | −0.2 | −6 |
| | 2306 | 2.5 | 76 |
| **28** Th | 0347 | 1.5 | 46 |
| | 0952 | 3.5 | 107 |
| | 1642 | −0.2 | −6 |
| | 2326 | 2.6 | 79 |
| **29** F | 0437 | 1.2 | 37 |
| | 1043 | 3.6 | 110 |
| | 1726 | −0.1 | −3 |
| | 2346 | 2.7 | 82 |
| **30** Sa ● | 0524 | 0.9 | 27 |
| | 1128 | 3.6 | 110 |
| | 1805 | 0.0 | 0 |
| **31** Su | 0009 | 2.8 | 85 |
| | 0608 | 0.6 | 18 |
| | 1211 | 3.4 | 104 |
| | 1842 | 0.3 | 9 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0033 | 2.9 | 88 |
| | 0651 | 0.4 | 12 |
| | 1253 | 3.2 | 98 |
| | 1917 | 0.6 | 18 |
| **2** Tu | 0058 | 3.0 | 91 |
| | 0732 | 0.3 | 9 |
| | 1337 | 3.0 | 91 |
| | 1949 | 0.9 | 27 |
| **3** W | 0125 | 3.0 | 91 |
| | 0814 | 0.4 | 12 |
| | 1423 | 2.7 | 82 |
| | 2019 | 1.2 | 37 |
| **4** Th | 0154 | 3.0 | 91 |
| | 0859 | 0.4 | 12 |
| | 1516 | 2.5 | 76 |
| | 2043 | 1.5 | 46 |
| **5** F | 0225 | 2.9 | 88 |
| | 0951 | 0.6 | 18 |
| | 1618 | 2.3 | 70 |
| | 2046 | 1.8 | 55 |
| **6** Sa | 0304 | 2.8 | 85 |
| | 1057 | 0.7 | 21 |
| | 1734 | 2.1 | 64 |
| | 2019 | 1.9 | 58 |
| **7** Su ◐ | 0409 | 2.7 | 82 |
| | 1214 | 0.7 | 21 |
| **8** M | 0551 | 2.7 | 82 |
| | 1327 | 0.7 | 21 |
| | 2307 | 2.2 | 67 |
| **9** Tu | 0132 | 2.1 | 64 |
| | 0718 | 2.7 | 82 |
| | 1428 | 0.6 | 18 |
| | 2236 | 2.3 | 70 |
| **10** W | 0233 | 2.0 | 61 |
| | 0825 | 2.9 | 88 |
| | 1517 | 0.4 | 12 |
| | 2217 | 2.4 | 73 |
| **11** Th | 0319 | 1.8 | 55 |
| | 0918 | 3.1 | 94 |
| | 1559 | 0.3 | 9 |
| | 2235 | 2.6 | 79 |
| **12** F | 0358 | 1.5 | 46 |
| | 1001 | 3.2 | 98 |
| | 1636 | 0.3 | 9 |
| | 2257 | 2.7 | 82 |
| **13** Sa | 0435 | 1.2 | 37 |
| | 1040 | 3.3 | 101 |
| | 1711 | 0.3 | 9 |
| | 2320 | 2.9 | 88 |
| **14** Su | 0513 | 0.9 | 27 |
| | 1118 | 3.4 | 104 |
| | 1744 | 0.4 | 12 |
| | 2343 | 3.0 | 91 |
| **15** M ○ | 0551 | 0.5 | 15 |
| | 1156 | 3.4 | 104 |
| | 1817 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0004 | 3.1 | 94 |
| | 0631 | 0.3 | 9 |
| | 1237 | 3.3 | 101 |
| | 1849 | 0.8 | 24 |
| **17** W | 0024 | 3.2 | 98 |
| | 0713 | 0.0 | 0 |
| | 1324 | 3.1 | 94 |
| | 1921 | 1.1 | 34 |
| **18** Th | 0046 | 3.3 | 101 |
| | 0759 | −0.1 | −3 |
| | 1420 | 2.9 | 88 |
| | 1953 | 1.4 | 43 |
| **19** F | 0114 | 3.4 | 104 |
| | 0851 | −0.1 | −3 |
| | 1528 | 2.6 | 79 |
| | 2026 | 1.7 | 52 |
| **20** Sa | 0151 | 3.3 | 101 |
| | 0951 | 0.0 | 0 |
| | 1650 | 2.4 | 73 |
| | 2100 | 1.9 | 58 |
| **21** Su | 0240 | 3.2 | 98 |
| | 1104 | 0.1 | 3 |
| | 1828 | 2.3 | 70 |
| | 2203 | 2.1 | 64 |
| **22** M ◑ | 0358 | 3.1 | 94 |
| | 1223 | 0.2 | 6 |
| | 2059 | 2.3 | 70 |
| **23** Tu | 0017 | 2.2 | 67 |
| | 0607 | 3.0 | 91 |
| | 1336 | 0.2 | 6 |
| | 2140 | 2.4 | 73 |
| **24** W | 0143 | 1.9 | 58 |
| | 0745 | 3.1 | 94 |
| | 1438 | 0.2 | 6 |
| | 2200 | 2.5 | 76 |
| **25** Th | 0247 | 1.6 | 49 |
| | 0858 | 3.2 | 98 |
| | 1531 | 0.3 | 9 |
| | 2219 | 2.7 | 82 |
| **26** F | 0340 | 1.2 | 37 |
| | 0955 | 3.3 | 101 |
| | 1616 | 0.4 | 12 |
| | 2238 | 2.8 | 85 |
| **27** Sa | 0427 | 0.8 | 24 |
| | 1043 | 3.3 | 101 |
| | 1657 | 0.5 | 15 |
| | 2258 | 2.9 | 88 |
| **28** Su | 0510 | 0.5 | 15 |
| | 1125 | 3.3 | 101 |
| | 1735 | 0.8 | 24 |
| | 2319 | 3.1 | 94 |
| **29** M ● | 0551 | 0.3 | 9 |
| | 1204 | 3.2 | 98 |
| | 1810 | 1.0 | 30 |
| | 2342 | 3.2 | 98 |
| **30** Tu | 0630 | 0.1 | 3 |
| | 1242 | 3.0 | 91 |
| | 1843 | 1.2 | 37 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Naples, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0005 | 3.2 | 98 |
| | 0708 | 0.1 | 3 |
| | 1322 | 2.9 | 88 |
| | 1912 | 1.4 | 43 |
| **2** Th | 0028 | 3.2 | 98 |
| | 0747 | 0.1 | 3 |
| | 1405 | 2.7 | 82 |
| | 1939 | 1.6 | 49 |
| **3** F | 0053 | 3.2 | 98 |
| | 0828 | 0.3 | 9 |
| | 1457 | 2.5 | 76 |
| | 1956 | 1.8 | 55 |
| **4** Sa | 0120 | 3.1 | 94 |
| | 0916 | 0.4 | 12 |
| | 1559 | 2.4 | 73 |
| | 1958 | 2.0 | 61 |
| **5** Su | 0153 | 2.9 | 88 |
| | 1014 | 0.6 | 18 |
| | 1711 | 2.3 | 70 |
| | 2003 | 2.1 | 64 |
| **6** M | 0243 | 2.8 | 85 |
| | 1126 | 0.7 | 21 |
| **7** Tu ◐ | 0501 | 2.6 | 79 |
| | 1239 | 0.8 | 24 |
| | 1954 | 2.3 | 70 |
| **8** W | 0101 | 2.1 | 64 |
| | 0640 | 2.6 | 79 |
| | 1341 | 0.7 | 21 |
| | 2041 | 2.4 | 73 |
| **9** Th | 0204 | 1.9 | 58 |
| | 0753 | 2.8 | 85 |
| | 1431 | 0.7 | 21 |
| | 2112 | 2.6 | 79 |
| **10** F | 0249 | 1.6 | 49 |
| | 0851 | 2.9 | 88 |
| | 1514 | 0.7 | 21 |
| | 2140 | 2.8 | 85 |
| **11** Sa | 0330 | 1.2 | 37 |
| | 0940 | 3.0 | 91 |
| | 1553 | 0.7 | 21 |
| | 2205 | 2.9 | 88 |
| **12** Su | 0409 | 0.8 | 24 |
| | 1024 | 3.2 | 98 |
| | 1630 | 0.8 | 24 |
| | 2229 | 3.1 | 94 |
| **13** M | 0449 | 0.4 | 12 |
| | 1107 | 3.2 | 98 |
| | 1706 | 0.9 | 27 |
| | 2251 | 3.3 | 101 |
| **14** Tu ○ | 0530 | 0.0 | 0 |
| | 1150 | 3.2 | 98 |
| | 1742 | 1.1 | 34 |
| | 2313 | 3.4 | 104 |
| **15** W | 0613 | −0.3 | −9 |
| | 1237 | 3.1 | 94 |
| | 1818 | 1.3 | 40 |
| | 2337 | 3.6 | 110 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0658 | −0.5 | −15 |
| | 1329 | 3.0 | 91 |
| | 1854 | 1.5 | 46 |
| **17** F | 0006 | 3.6 | 110 |
| | 0746 | −0.5 | −15 |
| | 1430 | 2.8 | 85 |
| | 1931 | 1.7 | 52 |
| **18** Sa | 0042 | 3.6 | 110 |
| | 0839 | −0.4 | −12 |
| | 1540 | 2.6 | 79 |
| | 2012 | 1.9 | 58 |
| **19** Su | 0127 | 3.5 | 107 |
| | 0938 | −0.2 | −6 |
| | 1656 | 2.5 | 76 |
| | 2107 | 2.1 | 64 |
| **20** M | 0228 | 3.2 | 98 |
| | 1046 | 0.0 | 0 |
| | 1816 | 2.4 | 73 |
| | 2238 | 2.1 | 64 |
| **21** Tu ◑ | 0420 | 3.0 | 91 |
| | 1159 | 0.3 | 9 |
| | 1933 | 2.4 | 73 |
| **22** W | 0018 | 1.9 | 58 |
| | 0612 | 2.9 | 88 |
| | 1308 | 0.4 | 12 |
| | 2024 | 2.5 | 76 |
| **23** Th | 0137 | 1.6 | 49 |
| | 0742 | 2.9 | 88 |
| | 1408 | 0.6 | 18 |
| | 2057 | 2.7 | 82 |
| **24** F | 0237 | 1.2 | 37 |
| | 0856 | 2.9 | 88 |
| | 1459 | 0.8 | 24 |
| | 2124 | 2.8 | 85 |
| **25** Sa | 0328 | 0.8 | 24 |
| | 0955 | 3.0 | 91 |
| | 1544 | 0.9 | 27 |
| | 2148 | 3.0 | 91 |
| **26** Su | 0412 | 0.4 | 12 |
| | 1043 | 2.9 | 88 |
| | 1625 | 1.1 | 34 |
| | 2212 | 3.1 | 94 |
| **27** M | 0454 | 0.1 | 3 |
| | 1124 | 2.9 | 88 |
| | 1703 | 1.3 | 40 |
| | 2236 | 3.2 | 98 |
| **28** Tu ● | 0533 | 0.0 | 0 |
| | 1200 | 2.8 | 85 |
| | 1738 | 1.5 | 46 |
| | 2300 | 3.3 | 101 |
| **29** W | 0611 | −0.1 | −3 |
| | 1235 | 2.8 | 85 |
| | 1811 | 1.6 | 49 |
| | 2324 | 3.3 | 101 |
| **30** Th | 0648 | −0.1 | −3 |
| | 1313 | 2.7 | 82 |
| | 1842 | 1.7 | 52 |
| | 2349 | 3.3 | 101 |
| **31** F | 0726 | −0.1 | −3 |
| | 1356 | 2.6 | 79 |
| | 1908 | 1.8 | 55 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0015 | 3.2 | 98 |
| | 0806 | 0.0 | 0 |
| | 1446 | 2.5 | 76 |
| | 1931 | 1.9 | 58 |
| **2** Su | 0044 | 3.1 | 94 |
| | 0849 | 0.2 | 6 |
| | 1544 | 2.4 | 73 |
| | 1952 | 2.0 | 61 |
| **3** M | 0120 | 2.9 | 88 |
| | 0939 | 0.4 | 12 |
| | 1645 | 2.3 | 70 |
| | 2028 | 2.0 | 61 |
| **4** Tu | 0208 | 2.7 | 82 |
| | 1037 | 0.5 | 15 |
| | 1746 | 2.4 | 73 |
| | 2215 | 2.1 | 64 |
| **5** W ◐ | 0346 | 2.6 | 79 |
| | 1141 | 0.6 | 18 |
| | 1842 | 2.4 | 73 |
| **6** Th | 0013 | 1.9 | 58 |
| | 0548 | 2.5 | 76 |
| | 1241 | 0.7 | 21 |
| | 1929 | 2.5 | 76 |
| **7** F | 0122 | 1.6 | 49 |
| | 0710 | 2.5 | 76 |
| | 1334 | 0.8 | 24 |
| | 2008 | 2.7 | 82 |
| **8** Sa | 0214 | 1.2 | 37 |
| | 0820 | 2.6 | 79 |
| | 1421 | 0.9 | 27 |
| | 2041 | 2.8 | 85 |
| **9** Su | 0259 | 0.7 | 21 |
| | 0919 | 2.7 | 82 |
| | 1504 | 1.1 | 34 |
| | 2110 | 3.0 | 91 |
| **10** M | 0343 | 0.3 | 9 |
| | 1011 | 2.8 | 85 |
| | 1546 | 1.2 | 37 |
| | 2137 | 3.2 | 98 |
| **11** Tu | 0427 | −0.2 | −6 |
| | 1101 | 2.9 | 88 |
| | 1628 | 1.4 | 43 |
| | 2204 | 3.4 | 104 |
| **12** W | 0512 | −0.6 | −18 |
| | 1150 | 2.9 | 88 |
| | 1710 | 1.5 | 46 |
| | 2233 | 3.6 | 110 |
| **13** Th ○ | 0558 | −0.8 | −24 |
| | 1240 | 2.8 | 85 |
| | 1752 | 1.6 | 49 |
| | 2307 | 3.7 | 113 |
| **14** F | 0646 | −1.0 | −30 |
| | 1336 | 2.7 | 82 |
| | 1835 | 1.7 | 52 |
| | 2346 | 3.7 | 113 |
| **15** Sa | 0736 | −0.9 | −27 |
| | 1435 | 2.6 | 79 |
| | 1920 | 1.8 | 55 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0031 | 3.6 | 110 |
| | 0828 | −0.7 | −21 |
| | 1537 | 2.5 | 76 |
| | 2011 | 1.8 | 55 |
| **17** M | 0127 | 3.4 | 104 |
| | 0923 | −0.4 | −12 |
| | 1637 | 2.4 | 73 |
| | 2114 | 1.8 | 55 |
| **18** Tu | 0246 | 3.1 | 94 |
| | 1023 | −0.1 | −3 |
| | 1732 | 2.4 | 73 |
| | 2235 | 1.7 | 52 |
| **19** W ◑ | 0427 | 2.8 | 85 |
| | 1126 | 0.3 | 9 |
| | 1824 | 2.5 | 76 |
| **20** Th | 0002 | 1.4 | 43 |
| | 0600 | 2.6 | 79 |
| | 1230 | 0.6 | 18 |
| | 1910 | 2.6 | 79 |
| **21** F | 0117 | 1.1 | 34 |
| | 0729 | 2.5 | 76 |
| | 1328 | 0.9 | 27 |
| | 1951 | 2.7 | 82 |
| **22** Sa | 0218 | 0.7 | 21 |
| | 0853 | 2.4 | 73 |
| | 1421 | 1.1 | 34 |
| | 2028 | 2.8 | 85 |
| **23** Su | 0310 | 0.3 | 9 |
| | 1002 | 2.4 | 73 |
| | 1509 | 1.3 | 40 |
| | 2101 | 2.9 | 88 |
| **24** M | 0355 | 0.0 | 0 |
| | 1054 | 2.5 | 76 |
| | 1553 | 1.5 | 46 |
| | 2133 | 3.0 | 91 |
| **25** Tu | 0437 | −0.2 | −6 |
| | 1133 | 2.5 | 76 |
| | 1634 | 1.6 | 49 |
| | 2203 | 3.1 | 94 |
| **26** W | 0517 | −0.3 | −9 |
| | 1205 | 2.4 | 73 |
| | 1712 | 1.7 | 52 |
| | 2233 | 3.1 | 94 |
| **27** Th ● | 0555 | −0.4 | −12 |
| | 1236 | 2.4 | 73 |
| | 1748 | 1.7 | 52 |
| | 2302 | 3.1 | 94 |
| **28** F | 0632 | −0.4 | −12 |
| | 1310 | 2.4 | 73 |
| | 1821 | 1.7 | 52 |
| | 2331 | 3.1 | 94 |
| **29** Sa | 0710 | −0.4 | −12 |
| | 1350 | 2.4 | 73 |
| | 1852 | 1.7 | 52 |
| **30** Su | 0000 | 3.0 | 91 |
| | 0748 | −0.3 | −9 |
| | 1435 | 2.3 | 70 |
| | 1924 | 1.7 | 52 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0033 | 3.0 | 91 |
| | 0827 | −0.2 | −6 |
| | 1522 | 2.3 | 70 |
| | 2000 | 1.7 | 52 |
| **2** Tu | 0110 | 2.8 | 85 |
| | 0908 | 0.0 | 0 |
| | 1610 | 2.3 | 70 |
| | 2048 | 1.7 | 52 |
| **3** W | 0158 | 2.6 | 79 |
| | 0951 | 0.2 | 6 |
| | 1655 | 2.4 | 73 |
| | 2156 | 1.6 | 49 |
| **4** Th | 0309 | 2.4 | 73 |
| | 1039 | 0.4 | 12 |
| | 1738 | 2.4 | 73 |
| | 2320 | 1.5 | 46 |
| **5** F ◐ | 0449 | 2.2 | 67 |
| | 1132 | 0.7 | 21 |
| | 1819 | 2.5 | 76 |
| **6** Sa | 0034 | 1.1 | 34 |
| | 0623 | 2.1 | 64 |
| | 1227 | 0.9 | 27 |
| | 1857 | 2.6 | 79 |
| **7** Su | 0134 | 0.7 | 21 |
| | 0749 | 2.1 | 64 |
| | 1321 | 1.1 | 34 |
| | 1934 | 2.8 | 85 |
| **8** M | 0228 | 0.2 | 6 |
| | 0904 | 2.2 | 67 |
| | 1414 | 1.3 | 40 |
| | 2010 | 2.9 | 88 |
| **9** Tu | 0318 | −0.2 | −6 |
| | 1008 | 2.4 | 73 |
| | 1505 | 1.5 | 46 |
| | 2049 | 3.1 | 94 |
| **10** W | 0408 | −0.7 | −21 |
| | 1103 | 2.5 | 76 |
| | 1555 | 1.6 | 49 |
| | 2129 | 3.3 | 101 |
| **11** Th | 0458 | −1.0 | −30 |
| | 1155 | 2.5 | 76 |
| | 1645 | 1.6 | 49 |
| | 2212 | 3.5 | 107 |
| **12** F ○ | 0547 | −1.2 | −37 |
| | 1245 | 2.5 | 76 |
| | 1734 | 1.6 | 49 |
| | 2257 | 3.6 | 110 |
| **13** Sa | 0636 | −1.3 | −40 |
| | 1334 | 2.5 | 76 |
| | 1824 | 1.5 | 46 |
| | 2345 | 3.6 | 110 |
| **14** Su | 0725 | −1.2 | −37 |
| | 1423 | 2.4 | 73 |
| | 1914 | 1.4 | 43 |
| **15** M | 0039 | 3.4 | 104 |
| | 0813 | −1.0 | −30 |
| | 1510 | 2.4 | 73 |
| | 2007 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0141 | 3.2 | 98 |
| | 0902 | −0.6 | −18 |
| | 1554 | 2.4 | 73 |
| | 2107 | 1.2 | 37 |
| **17** W | 0254 | 2.8 | 85 |
| | 0952 | −0.1 | −3 |
| | 1637 | 2.4 | 73 |
| | 2215 | 1.0 | 30 |
| **18** Th | 0414 | 2.5 | 76 |
| | 1044 | 0.3 | 9 |
| | 1719 | 2.5 | 76 |
| | 2331 | 0.8 | 24 |
| **19** F ◑ | 0535 | 2.2 | 67 |
| | 1141 | 0.7 | 21 |
| | 1801 | 2.5 | 76 |
| **20** Sa | 0046 | 0.6 | 18 |
| | 0705 | 2.0 | 61 |
| | 1240 | 1.1 | 34 |
| | 1846 | 2.6 | 79 |
| **21** Su | 0151 | 0.3 | 9 |
| | 0900 | 1.9 | 58 |
| | 1338 | 1.4 | 43 |
| | 1932 | 2.6 | 79 |
| **22** M | 0247 | 0.0 | 0 |
| | 1046 | 2.0 | 61 |
| | 1434 | 1.5 | 46 |
| | 2019 | 2.7 | 82 |
| **23** Tu | 0336 | −0.2 | −6 |
| | 1143 | 2.1 | 64 |
| | 1526 | 1.6 | 49 |
| | 2103 | 2.8 | 85 |
| **24** W | 0421 | −0.3 | −9 |
| | 1215 | 2.1 | 64 |
| | 1613 | 1.7 | 52 |
| | 2144 | 2.8 | 85 |
| **25** Th | 0502 | −0.5 | −15 |
| | 1224 | 2.1 | 64 |
| | 1655 | 1.6 | 49 |
| | 2222 | 2.9 | 88 |
| **26** F | 0541 | −0.5 | −15 |
| | 1238 | 2.1 | 64 |
| | 1733 | 1.6 | 49 |
| | 2257 | 2.9 | 88 |
| **27** Sa ● | 0618 | −0.6 | −18 |
| | 1303 | 2.2 | 67 |
| | 1808 | 1.5 | 46 |
| | 2330 | 2.9 | 88 |
| **28** Su | 0653 | −0.6 | −18 |
| | 1334 | 2.2 | 67 |
| | 1841 | 1.4 | 43 |
| **29** M | 0002 | 2.9 | 88 |
| | 0728 | −0.6 | −18 |
| | 1409 | 2.2 | 67 |
| | 1916 | 1.3 | 40 |
| **30** Tu | 0035 | 2.8 | 85 |
| | 0802 | −0.5 | −15 |
| | 1446 | 2.3 | 70 |
| | 1954 | 1.2 | 37 |
| **31** W | 0111 | 2.7 | 82 |
| | 0835 | −0.3 | −9 |
| | 1522 | 2.3 | 70 |
| | 2038 | 1.1 | 34 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# St. Petersburg, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0313 | 0.2 | 6 | **16** W | 0231 | −0.1 | −3 |
| | 0943 | 0.9 | 27 | | 0925 | 0.9 | 27 |
| | 1331 | 0.7 | 21 | | 1229 | 0.8 | 24 |
| | 2013 | 1.8 | 55 | | 1925 | 2.0 | 61 |
| **2** W | 0418 | −0.1 | −3 | **17** Th | 0356 | −0.4 | −12 |
| | 1146 | 1.0 | 30 | | 2018 | 2.2 | 67 |
| | 1402 | 0.9 | 27 | | | | |
| | 2050 | 1.9 | 58 | | | | |
| **3** Th | 0514 | −0.3 | −9 | **18** F | 0510 | −0.7 | −21 |
| | 2131 | 2.0 | 61 | | 2120 | 2.3 | 70 |
| **4** F | 0602 | −0.5 | −15 | **19** Sa | 0614 | −0.9 | −27 |
| | 2214 | 2.1 | 64 | | 2227 | 2.3 | 70 |
| **5** Sa | 0647 | −0.6 | −18 | **20** Su | 0708 | −1.0 | −30 |
| | 2258 | 2.1 | 64 | | 2331 | 2.4 | 73 |
| **6** Su | 0727 | −0.7 | −21 | **21** M | 0755 | −1.0 | −30 |
| | 2342 | 2.2 | 67 | | | | |
| **7** M | 0804 | −0.8 | −24 | **22** Tu ○ | 0028 | 2.4 | 73 |
| | | | | | 0835 | −0.9 | −27 |
| | | | | | 1558 | 1.1 | 34 |
| | | | | | 1848 | 0.9 | 27 |
| **8** Tu ● | 0025 | 2.3 | 70 | **23** W | 0121 | 2.3 | 70 |
| | 0839 | −0.8 | −24 | | 0909 | −0.8 | −24 |
| | 1615 | 1.1 | 34 | | 1605 | 1.1 | 34 |
| | 1830 | 1.0 | 30 | | 1951 | 0.8 | 24 |
| **9** W | 0107 | 2.3 | 70 | **24** Th | 0209 | 2.1 | 64 |
| | 0911 | −0.7 | −21 | | 0938 | −0.6 | −18 |
| | 1621 | 1.1 | 34 | | 1615 | 1.2 | 37 |
| | 1924 | 0.9 | 27 | | 2049 | 0.6 | 18 |
| **10** Th | 0151 | 2.2 | 67 | **25** F | 0256 | 1.9 | 58 |
| | 0942 | −0.7 | −21 | | 1004 | −0.3 | −9 |
| | 1632 | 1.1 | 34 | | 1629 | 1.3 | 40 |
| | 2021 | 0.8 | 24 | | 2147 | 0.5 | 15 |
| **11** F | 0236 | 2.1 | 64 | **26** Sa | 0344 | 1.7 | 52 |
| | 1013 | −0.5 | −15 | | 1027 | −0.1 | −3 |
| | 1647 | 1.2 | 37 | | 1646 | 1.5 | 46 |
| | 2122 | 0.7 | 21 | | 2247 | 0.3 | 9 |
| **12** Sa | 0326 | 2.0 | 61 | **27** Su | 0436 | 1.4 | 43 |
| | 1044 | −0.4 | −12 | | 1049 | 0.1 | 3 |
| | 1709 | 1.4 | 43 | | 1708 | 1.6 | 49 |
| | 2229 | 0.5 | 15 | | 2349 | 0.2 | 6 |
| **13** Su | 0423 | 1.7 | 52 | **28** M | 0539 | 1.1 | 34 |
| | 1115 | −0.1 | −3 | | 1110 | 0.4 | 12 |
| | 1735 | 1.5 | 46 | | 1734 | 1.7 | 52 |
| | 2343 | 0.3 | 9 | | | | |
| **14** M | 0532 | 1.4 | 43 | **29** Tu | 0058 | 0.1 | 3 |
| | 1145 | 0.2 | 6 | | 0707 | 0.9 | 27 |
| | 1805 | 1.7 | 52 | | 1126 | 0.6 | 18 |
| | | | | | 1806 | 1.8 | 55 |
| **15** Tu ◐ | 0104 | 0.1 | 3 | **30** W ◑ | 0213 | −0.1 | −3 |
| | 0704 | 1.1 | 34 | | 1845 | 1.8 | 55 |
| | 1212 | 0.5 | 15 | | | | |
| | 1841 | 1.9 | 58 | | | | |
| | | | | **31** Th | 0332 | −0.2 | −6 |
| | | | | | 1934 | 1.9 | 58 |

## February

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F | 0442 | −0.4 | −12 | **16** Sa | 0512 | −0.7 | −21 |
| | 2037 | 1.9 | 58 | | 2116 | 2.2 | 67 |
| **2** Sa | 0541 | −0.5 | −15 | **17** Su | 0612 | −0.8 | −24 |
| | 2146 | 1.9 | 58 | | 2241 | 2.2 | 67 |
| **3** Su | 0629 | −0.6 | −18 | **18** M | 0659 | −0.8 | −24 |
| | 2249 | 2.0 | 61 | | 1440 | 1.2 | 37 |
| | | | | | 1719 | 1.1 | 34 |
| | | | | | 2349 | 2.2 | 67 |
| **4** M | 0710 | −0.7 | −21 | **19** Tu | 0736 | −0.7 | −21 |
| | 1504 | 1.1 | 34 | | 1441 | 1.2 | 37 |
| | 1712 | 1.0 | 30 | | 1827 | 0.9 | 27 |
| | 2341 | 2.1 | 64 | | | | |
| **5** Tu | 0744 | −0.7 | −21 | **20** W ○ | 0044 | 2.1 | 64 |
| | 1505 | 1.1 | 34 | | 0806 | −0.6 | −18 |
| | 1808 | 1.0 | 30 | | 1446 | 1.3 | 40 |
| | | | | | 1920 | 0.6 | 18 |
| **6** W ● | 0028 | 2.2 | 67 | **21** Th | 0132 | 2.0 | 61 |
| | 0814 | −0.7 | −21 | | 0831 | −0.4 | −12 |
| | 1508 | 1.1 | 34 | | 1453 | 1.4 | 43 |
| | 1857 | 0.8 | 24 | | 2008 | 0.4 | 12 |
| **7** Th | 0112 | 2.2 | 67 | **22** F | 0215 | 1.9 | 58 |
| | 0842 | −0.6 | −18 | | 0852 | −0.1 | −3 |
| | 1514 | 1.2 | 37 | | 1502 | 1.5 | 46 |
| | 1946 | 0.6 | 18 | | 2052 | 0.2 | 6 |
| **8** F | 0157 | 2.1 | 64 | **23** Sa | 0257 | 1.7 | 52 |
| | 0908 | −0.5 | −15 | | 0910 | 0.1 | 3 |
| | 1524 | 1.3 | 40 | | 1515 | 1.7 | 52 |
| | 2036 | 0.4 | 12 | | 2136 | 0.1 | 3 |
| **9** Sa | 0244 | 2.0 | 61 | **24** Su | 0340 | 1.5 | 46 |
| | 0934 | −0.3 | −9 | | 0928 | 0.3 | 9 |
| | 1540 | 1.5 | 46 | | 1532 | 1.8 | 55 |
| | 2128 | 0.2 | 6 | | 2221 | 0.0 | 0 |
| **10** Su | 0334 | 1.7 | 52 | **25** M | 0428 | 1.3 | 40 |
| | 0958 | 0.0 | 0 | | 0944 | 0.5 | 15 |
| | 1601 | 1.7 | 52 | | 1554 | 2.0 | 61 |
| | 2226 | 0.0 | 0 | | 2310 | −0.1 | −3 |
| **11** M | 0432 | 1.4 | 43 | **26** Tu | 0525 | 1.1 | 34 |
| | 1021 | 0.3 | 9 | | 0958 | 0.6 | 18 |
| | 1627 | 1.9 | 58 | | 1620 | 2.0 | 61 |
| | 2331 | −0.1 | −3 | | | | |
| **12** Tu | 0544 | 1.1 | 34 | **27** W | 0007 | −0.1 | −3 |
| | 1038 | 0.5 | 15 | | 0647 | 0.9 | 27 |
| | 1700 | 2.0 | 61 | | 1000 | 0.8 | 24 |
| | | | | | 1653 | 2.0 | 61 |
| **13** W ◐ | 0047 | −0.3 | −9 | **28** Th ◑ | 0117 | −0.1 | −3 |
| | 0738 | 0.9 | 27 | | 1734 | 2.0 | 61 |
| | 1036 | 0.8 | 24 | | | | |
| | 1740 | 2.1 | 64 | | | | |
| **14** Th | 0218 | −0.4 | −12 | **29** F | 0241 | −0.2 | −6 |
| | 1833 | 2.2 | 67 | | 1830 | 1.9 | 58 |
| **15** F | 0353 | −0.5 | −15 | | | | |
| | 1945 | 2.2 | 67 | | | | |

## March

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Sa | 0403 | −0.2 | −6 | **16** Su | 0456 | −0.5 | −15 |
| | 1950 | 1.9 | 58 | | 2132 | 2.1 | 64 |
| **2** Su | 0507 | −0.3 | −9 | **17** M | 0548 | −0.4 | −12 |
| | 2123 | 1.9 | 58 | | 1325 | 1.4 | 43 |
| | | | | | 1648 | 1.2 | 37 |
| | | | | | 2258 | 2.0 | 61 |
| **3** M | 0556 | −0.4 | −12 | **18** Tu | 0627 | −0.3 | −9 |
| | 1355 | 1.2 | 37 | | 1324 | 1.4 | 43 |
| | 1622 | 1.1 | 34 | | 1756 | 0.9 | 27 |
| | 2238 | 2.0 | 61 | | | | |
| **4** Tu | 0634 | −0.5 | −15 | **19** W | 0001 | 2.0 | 61 |
| | 1349 | 1.3 | 40 | | 0658 | −0.2 | −6 |
| | 1729 | 1.0 | 30 | | 1331 | 1.5 | 46 |
| | 2336 | 2.1 | 64 | | 1846 | 0.6 | 18 |
| **5** W | 0706 | −0.4 | −12 | **20** Th | 0053 | 1.9 | 58 |
| | 1351 | 1.3 | 40 | | 0722 | 0.0 | 0 |
| | 1819 | 0.8 | 24 | | 1338 | 1.7 | 52 |
| | | | | | 1928 | 0.3 | 9 |
| **6** Th | 0027 | 2.1 | 64 | **21** F ○ | 0138 | 1.8 | 55 |
| | 0735 | −0.4 | −12 | | 0742 | 0.2 | 6 |
| | 1356 | 1.4 | 43 | | 1347 | 1.8 | 55 |
| | 1904 | 0.5 | 15 | | 2006 | 0.1 | 3 |
| **7** F ● | 0115 | 2.1 | 64 | **22** Sa | 0220 | 1.7 | 52 |
| | 0800 | −0.2 | −6 | | 0759 | 0.4 | 12 |
| | 1405 | 1.6 | 49 | | 1358 | 2.0 | 61 |
| | 1949 | 0.2 | 6 | | 2042 | −0.1 | −3 |
| **8** Sa | 0203 | 2.0 | 61 | **23** Su | 0301 | 1.5 | 46 |
| | 0824 | 0.0 | 0 | | 0814 | 0.6 | 18 |
| | 1419 | 1.7 | 52 | | 1412 | 2.1 | 64 |
| | 2035 | 0.0 | 0 | | 2118 | −0.2 | −6 |
| **9** Su | 0253 | 1.8 | 55 | **24** M | 0342 | 1.4 | 43 |
| | 0847 | 0.3 | 9 | | 0828 | 0.7 | 21 |
| | 1439 | 2.0 | 61 | | 1432 | 2.2 | 67 |
| | 2125 | −0.3 | −9 | | 2157 | −0.2 | −6 |
| **10** M | 0348 | 1.6 | 49 | **25** Tu | 0428 | 1.3 | 40 |
| | 0906 | 0.6 | 18 | | 0842 | 0.9 | 27 |
| | 1503 | 2.2 | 67 | | 1457 | 2.3 | 70 |
| | 2219 | −0.4 | −12 | | 2240 | −0.2 | −6 |
| **11** Tu | 0453 | 1.3 | 40 | **26** W | 0524 | 1.1 | 34 |
| | 0920 | 0.8 | 24 | | 0852 | 1.0 | 30 |
| | 1534 | 2.3 | 70 | | 1526 | 2.3 | 70 |
| | 2323 | −0.4 | −12 | | 2332 | −0.2 | −6 |
| **12** W | 0624 | 1.0 | 30 | **27** Th | 1602 | 2.3 | 70 |
| | 0917 | 0.9 | 27 | | | | |
| | 1611 | 2.4 | 73 | | | | |
| **13** Th | 0040 | −0.4 | −12 | **28** F | 0037 | −0.1 | −3 |
| | 1657 | 2.4 | 73 | | 1647 | 2.2 | 67 |
| **14** F ◐ | 0213 | −0.4 | −12 | **29** Sa ◑ | 0154 | −0.1 | −3 |
| | 1800 | 2.3 | 70 | | 1746 | 2.1 | 64 |
| **15** Sa | 0345 | −0.4 | −12 | **30** Su | 0312 | −0.1 | −3 |
| | 1937 | 2.1 | 64 | | 1913 | 2.0 | 61 |
| | | | | **31** M | 0414 | −0.1 | −3 |
| | | | | | 1242 | 1.4 | 43 |
| | | | | | 1447 | 1.3 | 40 |
| | | | | | 2055 | 1.9 | 58 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# St. Petersburg, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0502 | −0.2 | −6 |
| | 1225 | 1.4 | 43 |
| | 1626 | 1.1 | 34 |
| | 2218 | 1.9 | 58 |
| **2** W | 0541 | −0.1 | −3 |
| | 1227 | 1.5 | 46 |
| | 1726 | 0.9 | 27 |
| | 2324 | 2.0 | 61 |
| **3** Th | 0614 | 0.0 | 0 |
| | 1235 | 1.6 | 49 |
| | 1814 | 0.5 | 15 |
| **4** F | 0023 | 2.0 | 61 |
| | 0643 | 0.2 | 6 |
| | 1246 | 1.8 | 55 |
| | 1859 | 0.2 | 6 |
| **5** Sa ● | 0118 | 1.9 | 58 |
| | 0709 | 0.4 | 12 |
| | 1301 | 2.0 | 61 |
| | 1944 | −0.2 | −6 |
| **6** Su | 0213 | 1.8 | 55 |
| | 0732 | 0.7 | 21 |
| | 1322 | 2.3 | 70 |
| | 2031 | −0.4 | −12 |
| **7** M | 0310 | 1.6 | 49 |
| | 0752 | 0.9 | 27 |
| | 1348 | 2.5 | 76 |
| | 2121 | −0.6 | −18 |
| **8** Tu | 0415 | 1.4 | 43 |
| | 0806 | 1.1 | 34 |
| | 1419 | 2.6 | 79 |
| | 2218 | −0.6 | −18 |
| **9** W | 0540 | 1.2 | 37 |
| | 0805 | 1.1 | 34 |
| | 1457 | 2.7 | 82 |
| | 2322 | −0.5 | −15 |
| **10** Th | 1541 | 2.7 | 82 |
| **11** F | 0038 | −0.4 | −12 |
| | 1636 | 2.5 | 76 |
| **12** Sa ◐ | 0201 | −0.3 | −9 |
| | 1751 | 2.3 | 70 |
| **13** Su | 0317 | −0.2 | −6 |
| | 1946 | 2.0 | 61 |
| **14** M | 0416 | −0.1 | −3 |
| | 1202 | 1.5 | 46 |
| | 1548 | 1.3 | 40 |
| | 2139 | 1.9 | 58 |
| **15** Tu | 0501 | 0.0 | 0 |
| | 1202 | 1.6 | 49 |
| | 1708 | 1.0 | 30 |
| | 2301 | 1.9 | 58 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0536 | 0.2 | 6 |
| | 1211 | 1.8 | 55 |
| | 1802 | 0.6 | 18 |
| **17** Th | 0005 | 1.8 | 55 |
| | 0604 | 0.4 | 12 |
| | 1223 | 1.9 | 58 |
| | 1845 | 0.3 | 9 |
| **18** F | 0059 | 1.7 | 52 |
| | 0626 | 0.6 | 18 |
| | 1234 | 2.1 | 64 |
| | 1923 | 0.1 | 3 |
| **19** Sa | 0147 | 1.6 | 49 |
| | 0645 | 0.8 | 24 |
| | 1246 | 2.2 | 67 |
| | 1957 | −0.1 | −3 |
| **20** Su ○ | 0232 | 1.5 | 46 |
| | 0700 | 0.9 | 27 |
| | 1302 | 2.4 | 73 |
| | 2030 | −0.2 | −6 |
| **21** M | 0314 | 1.4 | 43 |
| | 0714 | 1.1 | 34 |
| | 1321 | 2.5 | 76 |
| | 2104 | −0.3 | −9 |
| **22** Tu | 0357 | 1.4 | 43 |
| | 0727 | 1.1 | 34 |
| | 1346 | 2.5 | 76 |
| | 2141 | −0.3 | −9 |
| **23** W | 0445 | 1.3 | 40 |
| | 0739 | 1.2 | 37 |
| | 1415 | 2.5 | 76 |
| | 2223 | −0.3 | −9 |
| **24** Th | 1451 | 2.5 | 76 |
| | 2313 | −0.2 | −6 |
| **25** F | 1532 | 2.4 | 73 |
| **26** Sa | 0010 | −0.1 | −3 |
| | 1621 | 2.3 | 70 |
| **27** Su | 0112 | −0.1 | −3 |
| | 1723 | 2.2 | 67 |
| **28** M ◑ | 0214 | 0.0 | 0 |
| | 1846 | 2.0 | 61 |
| **29** Tu | 0308 | 0.0 | 0 |
| | 1041 | 1.5 | 46 |
| | 1449 | 1.3 | 40 |
| | 2024 | 1.9 | 58 |
| **30** W | 0355 | 0.1 | 3 |
| | 1050 | 1.7 | 52 |
| | 1611 | 1.0 | 30 |
| | 2155 | 1.8 | 55 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0436 | 0.3 | 9 |
| | 1103 | 1.8 | 55 |
| | 1710 | 0.6 | 18 |
| | 2313 | 1.8 | 55 |
| **2** F | 0512 | 0.5 | 15 |
| | 1120 | 2.0 | 61 |
| | 1801 | 0.2 | 6 |
| **3** Sa | 0023 | 1.7 | 52 |
| | 0543 | 0.8 | 24 |
| | 1141 | 2.3 | 70 |
| | 1850 | −0.2 | −6 |
| **4** Su | 0129 | 1.7 | 52 |
| | 0609 | 1.0 | 30 |
| | 1206 | 2.5 | 76 |
| | 1938 | −0.5 | −15 |
| **5** M ● | 0235 | 1.6 | 49 |
| | 0631 | 1.2 | 37 |
| | 1236 | 2.7 | 82 |
| | 2029 | −0.6 | −18 |
| **6** Tu | 0346 | 1.5 | 46 |
| | 0646 | 1.3 | 40 |
| | 1312 | 2.9 | 88 |
| | 2123 | −0.7 | −21 |
| **7** W | 1353 | 2.9 | 88 |
| | 2221 | −0.7 | −21 |
| **8** Th | 1439 | 2.9 | 88 |
| | 2323 | −0.6 | −18 |
| **9** F | 1531 | 2.7 | 82 |
| **10** Sa | 0027 | −0.4 | −12 |
| | 1634 | 2.5 | 76 |
| **11** Su ◐ | 0130 | −0.2 | −6 |
| | 1756 | 2.2 | 67 |
| **12** M | 0227 | 0.0 | 0 |
| | 1018 | 1.6 | 49 |
| | 1402 | 1.4 | 43 |
| | 1944 | 1.9 | 58 |
| **13** Tu | 0315 | 0.2 | 6 |
| | 1026 | 1.7 | 52 |
| | 1550 | 1.0 | 30 |
| | 2129 | 1.7 | 52 |
| **14** W | 0355 | 0.4 | 12 |
| | 1041 | 1.9 | 58 |
| | 1659 | 0.7 | 21 |
| | 2255 | 1.6 | 49 |
| **15** Th | 0428 | 0.7 | 21 |
| | 1059 | 2.1 | 64 |
| | 1750 | 0.4 | 12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0007 | 1.5 | 46 |
| | 0457 | 0.9 | 27 |
| | 1117 | 2.2 | 67 |
| | 1833 | 0.1 | 3 |
| **17** Sa | 0110 | 1.5 | 46 |
| | 0521 | 1.1 | 34 |
| | 1135 | 2.3 | 70 |
| | 1911 | −0.1 | −3 |
| **18** Su | 0207 | 1.5 | 46 |
| | 0541 | 1.2 | 37 |
| | 1155 | 2.5 | 76 |
| | 1946 | −0.2 | −6 |
| **19** M ○ | 0259 | 1.4 | 43 |
| | 0557 | 1.3 | 40 |
| | 1217 | 2.5 | 76 |
| | 2021 | −0.3 | −9 |
| **20** Tu | 0348 | 1.4 | 43 |
| | 0610 | 1.3 | 40 |
| | 1244 | 2.6 | 79 |
| | 2056 | −0.3 | −9 |
| **21** W | 1316 | 2.7 | 82 |
| | 2134 | −0.3 | −9 |
| **22** Th | 1352 | 2.7 | 82 |
| | 2215 | −0.3 | −9 |
| **23** F | 1433 | 2.6 | 79 |
| | 2258 | −0.2 | −6 |
| **24** Sa | 1518 | 2.5 | 76 |
| | 2344 | −0.2 | −6 |
| **25** Su | 1609 | 2.4 | 73 |
| **26** M | 0030 | −0.1 | −3 |
| | 0807 | 1.5 | 46 |
| | 1055 | 1.4 | 43 |
| | 1711 | 2.2 | 67 |
| **27** Tu ◑ | 0116 | 0.0 | 0 |
| | 0830 | 1.6 | 49 |
| | 1250 | 1.3 | 40 |
| | 1827 | 2.0 | 61 |
| **28** W | 0201 | 0.2 | 6 |
| | 0854 | 1.7 | 52 |
| | 1428 | 1.0 | 30 |
| | 1959 | 1.7 | 52 |
| **29** Th | 0244 | 0.4 | 12 |
| | 0919 | 1.9 | 58 |
| | 1547 | 0.7 | 21 |
| | 2138 | 1.6 | 49 |
| **30** F | 0324 | 0.7 | 21 |
| | 0945 | 2.1 | 64 |
| | 1651 | 0.3 | 9 |
| | 2313 | 1.5 | 46 |
| **31** Sa | 0400 | 0.9 | 27 |
| | 1015 | 2.4 | 73 |
| | 1749 | −0.1 | −3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0041 | 1.5 | 46 |
| | 0431 | 1.2 | 37 |
| | 1048 | 2.6 | 79 |
| | 1844 | −0.4 | −12 |
| **2** M | 0204 | 1.5 | 46 |
| | 0456 | 1.3 | 40 |
| | 1126 | 2.8 | 85 |
| | 1938 | −0.6 | −18 |
| **3** Tu ● | 1208 | 3.0 | 91 |
| | 2032 | −0.7 | −21 |
| **4** W | 1255 | 3.0 | 91 |
| | 2126 | −0.7 | −21 |
| **5** Th | 1345 | 3.0 | 91 |
| | 2220 | −0.6 | −18 |
| **6** F | 1438 | 2.9 | 88 |
| | 2311 | −0.5 | −15 |
| **7** Sa | 1536 | 2.7 | 82 |
| | 2359 | −0.3 | −9 |
| **8** Su | 0752 | 1.4 | 43 |
| | 0957 | 1.3 | 40 |
| | 1639 | 2.3 | 70 |
| **9** M | 0043 | 0.0 | 0 |
| | 0805 | 1.5 | 46 |
| | 1202 | 1.3 | 40 |
| | 1754 | 2.0 | 61 |
| **10** Tu ◐ | 0123 | 0.3 | 9 |
| | 0826 | 1.7 | 52 |
| | 1353 | 1.1 | 34 |
| | 1926 | 1.7 | 52 |
| **11** W | 0200 | 0.5 | 15 |
| | 0851 | 1.9 | 58 |
| | 1523 | 0.8 | 24 |
| | 2110 | 1.5 | 46 |
| **12** Th | 0235 | 0.8 | 24 |
| | 0917 | 2.1 | 64 |
| | 1632 | 0.5 | 15 |
| | 2250 | 1.4 | 43 |
| **13** F | 0308 | 1.0 | 30 |
| | 0946 | 2.2 | 67 |
| | 1727 | 0.2 | 6 |
| **14** Sa | 0020 | 1.4 | 43 |
| | 0339 | 1.2 | 37 |
| | 1015 | 2.4 | 73 |
| | 1814 | 0.0 | 0 |
| **15** Su | 0138 | 1.4 | 43 |
| | 0407 | 1.3 | 40 |
| | 1045 | 2.5 | 76 |
| | 1857 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 1117 | 2.5 | 76 |
| | 1937 | −0.2 | −6 |
| **17** Tu | 1151 | 2.6 | 79 |
| | 2015 | −0.3 | −9 |
| **18** W ○ | 1228 | 2.7 | 82 |
| | 2051 | −0.3 | −9 |
| **19** Th | 1306 | 2.7 | 82 |
| | 2127 | −0.3 | −9 |
| **20** F | 1346 | 2.7 | 82 |
| | 2201 | −0.3 | −9 |
| **21** Sa | 0529 | 1.4 | 43 |
| | 0733 | 1.3 | 40 |
| | 1429 | 2.6 | 79 |
| | 2236 | −0.2 | −6 |
| **22** Su | 0542 | 1.4 | 43 |
| | 0841 | 1.3 | 40 |
| | 1515 | 2.5 | 76 |
| | 2310 | −0.1 | −3 |
| **23** M | 0602 | 1.5 | 46 |
| | 0954 | 1.2 | 37 |
| | 1606 | 2.4 | 73 |
| | 2345 | 0.0 | 0 |
| **24** Tu | 0627 | 1.7 | 52 |
| | 1114 | 1.2 | 37 |
| | 1705 | 2.1 | 64 |
| **25** W | 0021 | 0.2 | 6 |
| | 0654 | 1.8 | 55 |
| | 1237 | 1.0 | 30 |
| | 1817 | 1.8 | 55 |
| **26** Th ◑ | 0057 | 0.5 | 15 |
| | 0725 | 2.0 | 61 |
| | 1402 | 0.7 | 21 |
| | 1948 | 1.6 | 49 |
| **27** F | 0132 | 0.8 | 24 |
| | 0800 | 2.2 | 67 |
| | 1523 | 0.4 | 12 |
| | 2141 | 1.4 | 43 |
| **28** Sa | 0206 | 1.0 | 30 |
| | 0839 | 2.4 | 73 |
| | 1637 | 0.1 | 3 |
| | 2346 | 1.4 | 43 |
| **29** Su | 0234 | 1.3 | 40 |
| | 0924 | 2.6 | 79 |
| | 1744 | −0.2 | −6 |
| **30** M | 1013 | 2.8 | 85 |
| | 1845 | −0.4 | −12 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# St. Petersburg, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 1107 | 2.9 | 88 | 16 W | 1144 | 2.6 | 79 |
| | 1942 | −0.6 | −18 | | 2003 | −0.2 | −6 |
| 2 W ● | 1202 | 3.0 | 91 | 17 Th | 1227 | 2.7 | 82 |
| | 2033 | −0.6 | −18 | | 2036 | −0.2 | −6 |
| 3 Th | 1258 | 3.0 | 91 | 18 F ○ | 0403 | 1.5 | 46 |
| | 2120 | −0.6 | −18 | | 0619 | 1.4 | 43 |
| | | | | | 1308 | 2.7 | 82 |
| | | | | | 2106 | −0.1 | −3 |
| 4 F | 1352 | 3.0 | 91 | 19 Sa | 0405 | 1.5 | 46 |
| | 2203 | −0.4 | −12 | | 0712 | 1.3 | 40 |
| | | | | | 1348 | 2.7 | 82 |
| | | | | | 2134 | −0.1 | −3 |
| 5 Sa | 0523 | 1.4 | 43 | 20 Su | 0412 | 1.5 | 46 |
| | 0752 | 1.3 | 40 | | 0806 | 1.2 | 37 |
| | 1446 | 2.8 | 85 | | 1430 | 2.6 | 79 |
| | 2240 | −0.2 | −6 | | 2201 | 0.0 | 0 |
| 6 Su | 0536 | 1.5 | 46 | 21 M | 0424 | 1.7 | 52 |
| | 0912 | 1.2 | 37 | | 0902 | 1.1 | 34 |
| | 1540 | 2.5 | 76 | | 1516 | 2.5 | 76 |
| | 2314 | 0.1 | 3 | | 2229 | 0.2 | 6 |
| 7 M | 0554 | 1.6 | 49 | 22 Tu | 0443 | 1.8 | 55 |
| | 1031 | 1.1 | 34 | | 1002 | 1.0 | 30 |
| | 1637 | 2.2 | 67 | | 1606 | 2.3 | 70 |
| | 2344 | 0.3 | 9 | | 2257 | 0.4 | 12 |
| 8 Tu | 0616 | 1.8 | 55 | 23 W | 0507 | 2.0 | 61 |
| | 1152 | 1.0 | 30 | | 1106 | 0.8 | 24 |
| | 1742 | 1.9 | 58 | | 1705 | 2.0 | 61 |
| | | | | | 2325 | 0.6 | 18 |
| 9 W ◐ | 0013 | 0.6 | 18 | 24 Th | 0537 | 2.2 | 67 |
| | 0643 | 2.0 | 61 | | 1218 | 0.6 | 18 |
| | 1315 | 0.8 | 24 | | 1818 | 1.7 | 52 |
| | 1904 | 1.6 | 49 | | 2352 | 0.9 | 27 |
| 10 Th | 0041 | 0.9 | 27 | 25 F ◑ | 0612 | 2.3 | 70 |
| | 0715 | 2.1 | 64 | | 1339 | 0.5 | 15 |
| | 1437 | 0.6 | 18 | | 1958 | 1.5 | 46 |
| | 2052 | 1.4 | 43 | | | | |
| 11 F | 0108 | 1.1 | 34 | 26 Sa | 0015 | 1.2 | 37 |
| | 0751 | 2.2 | 67 | | 0655 | 2.5 | 76 |
| | 1552 | 0.4 | 12 | | 1507 | 0.3 | 9 |
| | 2302 | 1.3 | 40 | | | | |
| 12 Sa | 0134 | 1.2 | 37 | 27 Su | 0748 | 2.6 | 79 |
| | 0833 | 2.3 | 70 | | 1632 | 0.0 | 0 |
| | 1657 | 0.2 | 6 | | | | |
| 13 Su | 0919 | 2.4 | 73 | 28 M | 0852 | 2.8 | 85 |
| | 1753 | 0.1 | 3 | | 1745 | −0.2 | −6 |
| 14 M | 1009 | 2.5 | 76 | 29 Tu | 1003 | 2.9 | 88 |
| | 1842 | −0.1 | −3 | | 1846 | −0.3 | −9 |
| 15 Tu | 1058 | 2.5 | 76 | 30 W | 1112 | 3.0 | 91 |
| | 1925 | −0.1 | −3 | | 1937 | −0.4 | −12 |
| | | | | 31 Th | 1214 | 3.0 | 91 |
| | | | | | 2020 | −0.3 | −9 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 F ● | 0334 | 1.5 | 46 | 16 Sa ○ | 0241 | 1.7 | 52 |
| | 0618 | 1.4 | 43 | | 0644 | 1.3 | 40 |
| | 1310 | 3.0 | 91 | | 1309 | 2.7 | 82 |
| | 2057 | −0.2 | −6 | | 2029 | 0.2 | 6 |
| 2 Sa | 0341 | 1.5 | 46 | 17 Su | 0247 | 1.7 | 52 |
| | 0724 | 1.2 | 37 | | 0729 | 1.1 | 34 |
| | 1401 | 2.8 | 85 | | 1350 | 2.7 | 82 |
| | 2127 | 0.0 | 0 | | 2053 | 0.3 | 9 |
| 3 Su | 0351 | 1.7 | 52 | 18 M | 0256 | 1.9 | 58 |
| | 0825 | 1.1 | 34 | | 0815 | 0.9 | 27 |
| | 1450 | 2.6 | 79 | | 1433 | 2.6 | 79 |
| | 2154 | 0.3 | 9 | | 2117 | 0.5 | 15 |
| 4 M | 0405 | 1.8 | 55 | 19 Tu | 0311 | 2.0 | 61 |
| | 0923 | 0.9 | 27 | | 0903 | 0.7 | 21 |
| | 1539 | 2.4 | 73 | | 1520 | 2.4 | 73 |
| | 2218 | 0.5 | 15 | | 2140 | 0.7 | 21 |
| 5 Tu | 0423 | 2.0 | 61 | 20 W | 0332 | 2.2 | 67 |
| | 1022 | 0.8 | 24 | | 0955 | 0.6 | 18 |
| | 1630 | 2.1 | 64 | | 1612 | 2.2 | 67 |
| | 2240 | 0.8 | 24 | | 2204 | 0.9 | 27 |
| 6 W | 0445 | 2.1 | 64 | 21 Th | 0358 | 2.4 | 73 |
| | 1122 | 0.7 | 21 | | 1053 | 0.4 | 12 |
| | 1729 | 1.8 | 55 | | 1714 | 1.9 | 58 |
| | 2302 | 1.0 | 30 | | 2225 | 1.2 | 37 |
| 7 Th | 0513 | 2.3 | 70 | 22 F | 0431 | 2.6 | 79 |
| | 1228 | 0.6 | 18 | | 1202 | 0.4 | 12 |
| | 1846 | 1.6 | 49 | | 1838 | 1.6 | 49 |
| | 2321 | 1.2 | 37 | | 2239 | 1.4 | 43 |
| 8 F ◐ | 0546 | 2.3 | 70 | 23 Sa ◑ | 0512 | 2.7 | 82 |
| | 1342 | 0.6 | 18 | | 1326 | 0.3 | 9 |
| | 2047 | 1.4 | 43 | | | | |
| | 2333 | 1.3 | 40 | | | | |
| 9 Sa | 0628 | 2.4 | 73 | 24 Su | 0605 | 2.7 | 82 |
| | 1503 | 0.5 | 15 | | 1502 | 0.2 | 6 |
| 10 Su | 0723 | 2.4 | 73 | 25 M | 0716 | 2.7 | 82 |
| | 1621 | 0.4 | 12 | | 1631 | 0.1 | 3 |
| 11 M | 0833 | 2.4 | 73 | 26 Tu | 0848 | 2.8 | 85 |
| | 1726 | 0.2 | 6 | | 1740 | 0.0 | 0 |
| 12 Tu | 0948 | 2.5 | 76 | 27 W | 1017 | 2.8 | 85 |
| | 1818 | 0.1 | 3 | | 1833 | 0.0 | 0 |
| 13 W | 1052 | 2.6 | 79 | 28 Th | 0202 | 1.7 | 52 |
| | 1900 | 0.1 | 3 | | 0442 | 1.6 | 49 |
| | | | | | 1130 | 2.9 | 88 |
| | | | | | 1915 | 0.0 | 0 |
| 14 Th | 0231 | 1.6 | 49 | 29 F | 0205 | 1.7 | 52 |
| | 0506 | 1.5 | 46 | | 0555 | 1.4 | 43 |
| | 1144 | 2.7 | 82 | | 1229 | 2.8 | 85 |
| | 1934 | 0.1 | 3 | | 1948 | 0.2 | 6 |
| 15 F | 0237 | 1.6 | 49 | 30 Sa ● | 0212 | 1.8 | 55 |
| | 0558 | 1.4 | 43 | | 0652 | 1.1 | 34 |
| | 1228 | 2.7 | 82 | | 1320 | 2.7 | 82 |
| | 2004 | 0.1 | 3 | | 2015 | 0.4 | 12 |
| | | | | 31 Su | 0222 | 1.9 | 58 |
| | | | | | 0743 | 0.9 | 27 |
| | | | | | 1407 | 2.6 | 79 |
| | | | | | 2038 | 0.6 | 18 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0233 | 2.1 | 64 | 16 Tu | 0147 | 2.3 | 70 |
| | 0829 | 0.7 | 21 | | 0810 | 0.5 | 15 |
| | 1452 | 2.4 | 73 | | 1438 | 2.4 | 73 |
| | 2058 | 0.8 | 24 | | 2025 | 1.0 | 30 |
| 2 Tu | 0247 | 2.3 | 70 | 17 W | 0206 | 2.5 | 76 |
| | 0914 | 0.6 | 18 | | 0856 | 0.3 | 9 |
| | 1537 | 2.2 | 67 | | 1530 | 2.2 | 67 |
| | 2116 | 1.0 | 30 | | 2046 | 1.2 | 37 |
| 3 W | 0306 | 2.4 | 73 | 18 Th | 0231 | 2.7 | 82 |
| | 1000 | 0.5 | 15 | | 0947 | 0.1 | 3 |
| | 1625 | 2.0 | 61 | | 1629 | 2.0 | 61 |
| | 2134 | 1.2 | 37 | | 2103 | 1.4 | 43 |
| 4 Th | 0329 | 2.5 | 76 | 19 F | 0303 | 2.8 | 85 |
| | 1048 | 0.5 | 15 | | 1045 | 0.1 | 3 |
| | 1722 | 1.8 | 55 | | 1745 | 1.7 | 52 |
| | 2150 | 1.4 | 43 | | 2112 | 1.5 | 46 |
| 5 F | 0358 | 2.6 | 79 | 20 Sa | 0341 | 2.9 | 88 |
| | 1144 | 0.5 | 15 | | 1157 | 0.2 | 6 |
| | 1839 | 1.6 | 49 | | | | |
| | 2201 | 1.5 | 46 | | | | |
| 6 Sa | 0433 | 2.5 | 76 | 21 Su | 0429 | 2.9 | 88 |
| | 1252 | 0.5 | 15 | | 1324 | 0.2 | 6 |
| 7 Su ◐ | 0518 | 2.5 | 76 | 22 M ◑ | 0533 | 2.8 | 85 |
| | 1415 | 0.5 | 15 | | 1458 | 0.2 | 6 |
| 8 M | 0621 | 2.4 | 73 | 23 Tu | 0708 | 2.6 | 79 |
| | 1539 | 0.5 | 15 | | 1617 | 0.2 | 6 |
| 9 Tu | 0754 | 2.4 | 73 | 24 W | 0904 | 2.6 | 79 |
| | 1647 | 0.4 | 12 | | 1715 | 0.2 | 6 |
| 10 W | 0929 | 2.4 | 73 | 25 Th | 0038 | 1.8 | 55 |
| | 1737 | 0.3 | 9 | | 0412 | 1.6 | 49 |
| | | | | | 1035 | 2.6 | 79 |
| | | | | | 1759 | 0.3 | 9 |
| 11 Th | 0103 | 1.8 | 55 | 26 F | 0042 | 1.9 | 58 |
| | 0423 | 1.6 | 49 | | 0524 | 1.3 | 40 |
| | 1040 | 2.5 | 76 | | 1143 | 2.6 | 79 |
| | 1816 | 0.3 | 9 | | 1833 | 0.5 | 15 |
| 12 F | 0109 | 1.8 | 55 | 27 Sa | 0051 | 2.0 | 61 |
| | 0519 | 1.4 | 43 | | 0617 | 1.0 | 30 |
| | 1135 | 2.6 | 79 | | 1239 | 2.5 | 76 |
| | 1848 | 0.4 | 12 | | 1900 | 0.7 | 21 |
| 13 Sa | 0116 | 1.9 | 58 | 28 Su | 0101 | 2.1 | 64 |
| | 0605 | 1.2 | 37 | | 0703 | 0.7 | 21 |
| | 1222 | 2.6 | 79 | | 1328 | 2.4 | 73 |
| | 1916 | 0.5 | 15 | | 1922 | 0.9 | 27 |
| 14 Su | 0123 | 2.0 | 61 | 29 M ● | 0113 | 2.3 | 70 |
| | 0647 | 1.0 | 30 | | 0743 | 0.5 | 15 |
| | 1307 | 2.6 | 79 | | 1413 | 2.2 | 67 |
| | 1941 | 0.6 | 18 | | 1940 | 1.1 | 34 |
| 15 M ○ | 0132 | 2.1 | 64 | 30 Tu | 0126 | 2.5 | 76 |
| | 0728 | 0.7 | 21 | | 0821 | 0.3 | 9 |
| | 1351 | 2.5 | 76 | | 1457 | 2.1 | 64 |
| | 2003 | 0.8 | 24 | | 1957 | 1.3 | 40 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# St. Petersburg, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** W | 0143 | 2.6 / 79 | **16** Th | 0114 | 2.8 / 85 |
| | 0858 | 0.2 / 6 | | 0851 | −0.2 / −6 |
| | 1541 | 2.0 / 61 | | 1553 | 1.9 / 58 |
| | 2012 | 1.4 / 43 | | 1943 | 1.5 / 46 |
| **2** Th | 0204 | 2.7 / 82 | **17** F | 0147 | 3.0 / 91 |
| | 0937 | 0.2 / 6 | | 0944 | −0.3 / −9 |
| | 1628 | 1.8 / 55 | | 1709 | 1.7 / 52 |
| | 2027 | 1.5 / 46 | | 1951 | 1.6 / 49 |
| **3** F | 0230 | 2.7 / 82 | **18** Sa | 0225 | 3.0 / 91 |
| | 1020 | 0.2 / 6 | | 1046 | −0.2 / −6 |
| | 1726 | 1.7 / 52 | | | |
| | 2040 | 1.6 / 49 | | | |
| **4** Sa | 0302 | 2.7 / 82 | **19** Su | 0310 | 3.0 / 91 |
| | 1112 | 0.3 / 9 | | 1158 | −0.1 / −3 |
| **5** Su | 0340 | 2.6 / 79 | **20** M | 0406 | 2.8 / 85 |
| | 1215 | 0.4 / 12 | | 1318 | 0.0 / 0 |
| **6** M | 0428 | 2.5 / 76 | **21** Tu ◑ | 0523 | 2.6 / 79 |
| | 1331 | 0.4 / 12 | | 1436 | 0.1 / 3 |
| **7** Tu ◐ | 0536 | 2.4 / 73 | **22** W | 0718 | 2.3 / 70 |
| | 1446 | 0.5 / 15 | | 1539 | 0.3 / 9 |
| | | | | 2311 | 1.8 / 55 |
| **8** W | 0715 | 2.3 / 70 | **23** Th | 0315 | 1.5 / 46 |
| | 1549 | 0.4 / 12 | | 0915 | 2.2 / 67 |
| | 2333 | 1.8 / 55 | | 1628 | 0.4 / 12 |
| | | | | 2318 | 1.9 / 58 |
| **9** Th | 0308 | 1.7 / 52 | **24** F | 0437 | 1.1 / 34 |
| | 0859 | 2.2 / 67 | | 1042 | 2.2 / 67 |
| | 1638 | 0.5 / 15 | | 1707 | 0.6 / 18 |
| | 2338 | 1.9 / 58 | | 2330 | 2.1 / 64 |
| **10** F | 0421 | 1.4 / 43 | **25** Sa | 0534 | 0.8 / 24 |
| | 1017 | 2.3 / 70 | | 1150 | 2.1 / 64 |
| | 1717 | 0.5 / 15 | | 1737 | 0.8 / 24 |
| | 2347 | 2.0 / 61 | | 2344 | 2.2 / 67 |
| **11** Sa | 0512 | 1.1 / 34 | **26** Su | 0620 | 0.4 / 12 |
| | 1119 | 2.3 / 70 | | 1249 | 2.0 / 61 |
| | 1750 | 0.6 / 18 | | 1802 | 1.0 / 30 |
| | 2358 | 2.1 / 64 | | 2359 | 2.4 / 73 |
| **12** Su | 0556 | 0.8 / 24 | **27** M | 0700 | 0.2 / 6 |
| | 1214 | 2.3 / 70 | | 1341 | 1.9 / 58 |
| | 1819 | 0.8 / 24 | | 1823 | 1.2 / 37 |
| **13** M | 0011 | 2.2 / 67 | **28** Tu ● | 0014 | 2.5 / 76 |
| | 0638 | 0.5 / 15 | | 0736 | 0.0 / 0 |
| | 1306 | 2.3 / 70 | | 1429 | 1.8 / 55 |
| | 1844 | 1.0 / 30 | | 1840 | 1.4 / 43 |
| **14** Tu ○ | 0027 | 2.4 / 73 | **29** W | 0032 | 2.6 / 79 |
| | 0719 | 0.2 / 6 | | 0810 | −0.1 / −3 |
| | 1358 | 2.2 / 67 | | 1514 | 1.8 / 55 |
| | 1907 | 1.2 / 37 | | 1855 | 1.5 / 46 |
| **15** W | 0048 | 2.6 / 79 | **30** Th | 0053 | 2.7 / 82 |
| | 0803 | −0.1 / −3 | | 0845 | −0.1 / −3 |
| | 1453 | 2.1 / 64 | | 1559 | 1.7 / 52 |
| | 1927 | 1.4 / 43 | | 1909 | 1.5 / 46 |
| | | | **31** F | 0119 | 2.7 / 82 |
| | | | | 0922 | −0.1 / −3 |
| | | | | 1648 | 1.6 / 49 |
| | | | | 1923 | 1.5 / 46 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0150 | 2.7 / 82 | **16** Su | 0209 | 2.9 / 88 |
| | 1004 | −0.1 / −3 | | 1047 | −0.5 / −15 |
| **2** Su | 0227 | 2.6 / 79 | **17** M | 0302 | 2.8 / 85 |
| | 1052 | 0.0 / 0 | | 1150 | −0.4 / −12 |
| **3** M | 0309 | 2.5 / 76 | **18** Tu | 0406 | 2.5 / 76 |
| | 1147 | 0.1 / 3 | | 1252 | −0.2 / −6 |
| **4** Tu | 0401 | 2.4 / 73 | **19** W ◑ | 0529 | 2.2 / 67 |
| | 1246 | 0.2 / 6 | | 1350 | 0.1 / 3 |
| | | | | 2126 | 1.6 / 49 |
| **5** W ◐ | 0508 | 2.2 / 67 | **20** Th | 0135 | 1.3 / 40 |
| | 1345 | 0.3 / 9 | | 0720 | 1.9 / 58 |
| | 2141 | 1.7 / 52 | | 1440 | 0.3 / 9 |
| | | | | 2140 | 1.7 / 52 |
| **6** Th | 0105 | 1.5 / 46 | **21** F | 0322 | 1.0 / 30 |
| | 0638 | 2.0 / 61 | | 0912 | 1.7 / 52 |
| | 1439 | 0.3 / 9 | | 1523 | 0.6 / 18 |
| | 2153 | 1.8 / 55 | | 2159 | 1.9 / 58 |
| **7** F | 0250 | 1.3 / 40 | **22** Sa | 0433 | 0.6 / 18 |
| | 0820 | 1.9 / 58 | | 1045 | 1.6 / 49 |
| | 1526 | 0.5 / 15 | | 1559 | 0.8 / 24 |
| | 2209 | 1.9 / 58 | | 2221 | 2.1 / 64 |
| **8** Sa | 0400 | 1.0 / 30 | **23** Su | 0527 | 0.2 / 6 |
| | 0949 | 1.8 / 55 | | 1202 | 1.5 / 46 |
| | 1607 | 0.6 / 18 | | 1631 | 1.0 / 30 |
| | 2226 | 2.0 / 61 | | 2242 | 2.2 / 67 |
| **9** Su | 0454 | 0.6 / 18 | **24** M | 0612 | −0.1 / −3 |
| | 1105 | 1.8 / 55 | | 1309 | 1.5 / 46 |
| | 1643 | 0.8 / 24 | | 1658 | 1.2 / 37 |
| | 2245 | 2.2 / 67 | | 2305 | 2.4 / 73 |
| **10** M | 0541 | 0.2 / 6 | **25** Tu | 0651 | −0.3 / −9 |
| | 1212 | 1.8 / 55 | | 1407 | 1.5 / 46 |
| | 1714 | 1.0 / 30 | | 1721 | 1.3 / 40 |
| | 2307 | 2.4 / 73 | | 2328 | 2.4 / 73 |
| **11** Tu | 0626 | −0.1 / −3 | **26** W | 0728 | −0.4 / −12 |
| | 1316 | 1.8 / 55 | | 1501 | 1.5 / 46 |
| | 1742 | 1.2 / 37 | | 1740 | 1.4 / 43 |
| | 2333 | 2.6 / 79 | | 2353 | 2.5 / 76 |
| **12** W | 0712 | −0.4 / −12 | **27** Th ● | 0803 | −0.5 / −15 |
| | 1419 | 1.7 / 52 | | 1550 | 1.4 / 43 |
| | 1805 | 1.4 / 43 | | 1757 | 1.3 / 40 |
| **13** Th ○ | 0004 | 2.8 / 85 | **28** F | 0022 | 2.5 / 76 |
| | 0800 | −0.6 / −18 | | 0838 | −0.5 / −15 |
| | 1525 | 1.6 / 49 | | | |
| | 1823 | 1.5 / 46 | | | |
| **14** F | 0040 | 2.9 / 88 | **29** Sa | 0055 | 2.5 / 76 |
| | 0852 | −0.7 / −21 | | 0915 | −0.4 / −12 |
| **15** Sa | 0122 | 3.0 / 91 | **30** Su | 0132 | 2.5 / 76 |
| | 0948 | −0.6 / −18 | | 0953 | −0.4 / −12 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0213 | 2.4 / 73 | **16** Tu | 0310 | 2.4 / 73 |
| | 1034 | −0.3 / −9 | | 1123 | −0.5 / −15 |
| | | | | 1850 | 1.2 / 37 |
| | | | | 2150 | 1.1 / 34 |
| **2** Tu | 0258 | 2.3 / 70 | **17** W | 0414 | 2.1 / 64 |
| | 1116 | −0.2 / −6 | | 1207 | −0.2 / −6 |
| | 1849 | 1.3 / 40 | | 1911 | 1.3 / 40 |
| | 2131 | 1.2 / 37 | | 2339 | 0.9 / 27 |
| **3** W | 0350 | 2.1 / 64 | **18** Th | 0530 | 1.7 / 52 |
| | 1159 | −0.1 / −3 | | 1247 | 0.1 / 3 |
| | 1917 | 1.4 / 43 | | 1936 | 1.5 / 46 |
| | 2307 | 1.2 / 37 | | | |
| **4** Th | 0451 | 1.9 / 58 | **19** F ◑ | 0126 | 0.7 / 21 |
| | 1242 | 0.0 / 0 | | 0708 | 1.4 / 43 |
| | 1944 | 1.5 / 46 | | 1324 | 0.4 / 12 |
| | | | | 2005 | 1.7 / 52 |
| **5** F ◐ | 0047 | 1.1 / 34 | **20** Sa | 0258 | 0.4 / 12 |
| | 0609 | 1.7 / 52 | | 0904 | 1.1 / 34 |
| | 1325 | 0.2 / 6 | | 1359 | 0.6 / 18 |
| | 2011 | 1.7 / 52 | | 2036 | 1.8 / 55 |
| **6** Sa | 0216 | 0.8 / 24 | **21** Su | 0411 | 0.1 / 3 |
| | 0744 | 1.5 / 46 | | 1058 | 1.1 / 34 |
| | 1407 | 0.4 / 12 | | 1433 | 0.9 / 27 |
| | 2039 | 1.8 / 55 | | 2109 | 2.0 / 61 |
| **7** Su | 0329 | 0.5 / 15 | **22** M | 0509 | −0.2 / −6 |
| | 0927 | 1.3 / 40 | | 1235 | 1.1 / 34 |
| | 1448 | 0.7 / 21 | | 1507 | 1.0 / 30 |
| | 2108 | 2.0 / 61 | | 2143 | 2.1 / 64 |
| **8** M | 0430 | 0.1 / 3 | **23** Tu | 0558 | −0.4 / −12 |
| | 1104 | 1.3 / 40 | | 2219 | 2.1 / 64 |
| | 1527 | 0.9 / 27 | | | |
| | 2140 | 2.2 / 67 | | | |
| **9** Tu | 0525 | −0.3 / −9 | **24** W | 0641 | −0.6 / −18 |
| | 1232 | 1.3 / 40 | | 2256 | 2.2 / 67 |
| | 1601 | 1.1 / 34 | | | |
| | 2215 | 2.4 / 73 | | | |
| **10** W | 0618 | −0.6 / −18 | **25** Th | 0721 | −0.7 / −21 |
| | 1352 | 1.3 / 40 | | 2334 | 2.2 / 67 |
| | 1630 | 1.2 / 37 | | | |
| | 2255 | 2.6 / 79 | | | |
| **11** Th | 0710 | −0.8 / −24 | **26** F | 0758 | −0.7 / −21 |
| | 2339 | 2.7 / 82 | | | |
| **12** F ○ | 0803 | −1.0 / −30 | **27** Sa ● | 0013 | 2.3 / 70 |
| | | | | 0833 | −0.7 / −21 |
| **13** Sa | 0027 | 2.8 / 85 | **28** Su | 0052 | 2.3 / 70 |
| | 0855 | −1.0 / −30 | | 0906 | −0.7 / −21 |
| | | | | 1643 | 1.1 / 34 |
| | | | | 1900 | 1.0 / 30 |
| **14** Su | 0118 | 2.8 / 85 | **29** M | 0132 | 2.2 / 67 |
| | 0947 | −0.9 / −27 | | 0937 | −0.6 / −18 |
| | | | | 1652 | 1.1 / 34 |
| | | | | 1953 | 1.0 / 30 |
| **15** M | 0212 | 2.7 / 82 | **30** Tu | 0213 | 2.2 / 67 |
| | 1037 | −0.7 / −21 | | 1008 | −0.5 / −15 |
| | | | | 1704 | 1.2 / 37 |
| | | | | 2051 | 0.9 / 27 |
| | | | **31** W | 0257 | 2.0 / 61 |
| | | | | 1038 | −0.4 / −12 |
| | | | | 1722 | 1.3 / 40 |
| | | | | 2154 | 0.8 / 24 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Cedar Key, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0203 | 0.5 | 15 |
| | 0821 | 2.2 | 67 |
| | 1327 | 1.3 | 40 |
| | 1946 | 3.2 | 98 |
| **2** W | 0315 | 0.3 | 9 |
| | 0952 | 2.2 | 67 |
| | 1426 | 1.6 | 49 |
| | 2037 | 3.3 | 101 |
| **3** Th | 0424 | 0.0 | 0 |
| | 1115 | 2.3 | 70 |
| | 1535 | 1.7 | 52 |
| | 2131 | 3.3 | 101 |
| **4** F | 0523 | −0.2 | −6 |
| | 1217 | 2.5 | 76 |
| | 1641 | 1.8 | 55 |
| | 2225 | 3.4 | 104 |
| **5** Sa | 0612 | −0.4 | −12 |
| | 1305 | 2.6 | 79 |
| | 1738 | 1.7 | 52 |
| | 2314 | 3.5 | 107 |
| **6** Su | 0654 | −0.6 | −18 |
| | 1344 | 2.7 | 82 |
| | 1827 | 1.6 | 49 |
| **7** M | 0000 | 3.6 | 110 |
| | 0732 | −0.7 | −21 |
| | 1418 | 2.8 | 85 |
| | 1911 | 1.5 | 46 |
| **8** Tu ● | 0043 | 3.7 | 113 |
| | 0807 | −0.8 | −24 |
| | 1449 | 2.9 | 88 |
| | 1952 | 1.3 | 40 |
| **9** W | 0124 | 3.7 | 113 |
| | 0840 | −0.8 | −24 |
| | 1517 | 2.9 | 88 |
| | 2032 | 1.2 | 37 |
| **10** Th | 0205 | 3.7 | 113 |
| | 0912 | −0.7 | −21 |
| | 1544 | 3.0 | 91 |
| | 2113 | 1.0 | 30 |
| **11** F | 0247 | 3.7 | 113 |
| | 0944 | −0.6 | −18 |
| | 1610 | 3.1 | 94 |
| | 2155 | 0.8 | 24 |
| **12** Sa | 0332 | 3.5 | 107 |
| | 1017 | −0.4 | −12 |
| | 1637 | 3.2 | 98 |
| | 2240 | 0.6 | 18 |
| **13** Su | 0422 | 3.3 | 101 |
| | 1052 | 0.0 | 0 |
| | 1707 | 3.3 | 101 |
| | 2330 | 0.4 | 12 |
| **14** M | 0519 | 2.9 | 88 |
| | 1129 | 0.4 | 12 |
| | 1741 | 3.4 | 104 |
| **15** Tu ◐ | 0029 | 0.2 | 6 |
| | 0631 | 2.6 | 79 |
| | 1211 | 0.9 | 27 |
| | 1823 | 3.4 | 104 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0140 | 0.1 | 3 |
| | 0803 | 2.3 | 70 |
| | 1303 | 1.3 | 40 |
| | 1915 | 3.5 | 107 |
| **17** Th | 0303 | −0.1 | −3 |
| | 0955 | 2.2 | 67 |
| | 1415 | 1.7 | 52 |
| | 2021 | 3.5 | 107 |
| **18** F | 0425 | −0.5 | −15 |
| | 1140 | 2.4 | 73 |
| | 1544 | 1.9 | 58 |
| | 2133 | 3.6 | 110 |
| **19** Sa | 0536 | −0.8 | −24 |
| | 1247 | 2.6 | 79 |
| | 1704 | 1.8 | 55 |
| | 2243 | 3.7 | 113 |
| **20** Su | 0633 | −1.0 | −30 |
| | 1333 | 2.8 | 85 |
| | 1808 | 1.6 | 49 |
| | 2345 | 3.8 | 116 |
| **21** M | 0722 | −1.2 | −37 |
| | 1410 | 2.9 | 88 |
| | 1901 | 1.4 | 43 |
| **22** Tu ○ | 0041 | 3.9 | 119 |
| | 0805 | −1.1 | −34 |
| | 1441 | 3.0 | 91 |
| | 1949 | 1.1 | 34 |
| **23** W | 0131 | 3.9 | 119 |
| | 0842 | −1.0 | −30 |
| | 1509 | 3.0 | 91 |
| | 2032 | 0.8 | 24 |
| **24** Th | 0218 | 3.8 | 116 |
| | 0916 | −0.7 | −21 |
| | 1534 | 3.1 | 94 |
| | 2114 | 0.6 | 18 |
| **25** F | 0302 | 3.6 | 110 |
| | 0946 | −0.4 | −12 |
| | 1558 | 3.2 | 98 |
| | 2154 | 0.4 | 12 |
| **26** Sa | 0345 | 3.4 | 104 |
| | 1014 | −0.1 | −3 |
| | 1622 | 3.3 | 101 |
| | 2235 | 0.3 | 9 |
| **27** Su | 0429 | 3.1 | 94 |
| | 1041 | 0.3 | 9 |
| | 1647 | 3.3 | 101 |
| | 2317 | 0.2 | 6 |
| **28** M | 0517 | 2.7 | 82 |
| | 1107 | 0.6 | 18 |
| | 1715 | 3.4 | 104 |
| **29** Tu | 0004 | 0.2 | 6 |
| | 0613 | 2.4 | 73 |
| | 1136 | 1.0 | 30 |
| | 1748 | 3.3 | 101 |
| **30** W ◑ | 0100 | 0.3 | 9 |
| | 0726 | 2.1 | 64 |
| | 1210 | 1.3 | 40 |
| | 1830 | 3.3 | 101 |
| **31** Th | 0213 | 0.3 | 9 |
| | 0906 | 1.9 | 58 |
| | 1301 | 1.6 | 49 |
| | 1927 | 3.2 | 98 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0340 | 0.2 | 6 |
| | 1101 | 2.0 | 61 |
| | 1428 | 1.8 | 55 |
| | 2039 | 3.2 | 98 |
| **2** Sa | 0457 | 0.0 | 0 |
| | 1213 | 2.3 | 70 |
| | 1604 | 1.8 | 55 |
| | 2152 | 3.2 | 98 |
| **3** Su | 0553 | −0.3 | −9 |
| | 1254 | 2.5 | 76 |
| | 1717 | 1.7 | 52 |
| | 2256 | 3.4 | 104 |
| **4** M | 0637 | −0.5 | −15 |
| | 1326 | 2.7 | 82 |
| | 1812 | 1.5 | 46 |
| | 2349 | 3.5 | 107 |
| **5** Tu | 0713 | −0.7 | −21 |
| | 1353 | 2.8 | 85 |
| | 1858 | 1.2 | 37 |
| **6** W ● | 0036 | 3.7 | 113 |
| | 0746 | −0.8 | −24 |
| | 1418 | 3.0 | 91 |
| | 1939 | 0.9 | 27 |
| **7** Th | 0120 | 3.7 | 113 |
| | 0818 | −0.7 | −21 |
| | 1441 | 3.1 | 94 |
| | 2019 | 0.6 | 18 |
| **8** F | 0202 | 3.7 | 113 |
| | 0848 | −0.6 | −18 |
| | 1504 | 3.3 | 101 |
| | 2058 | 0.4 | 12 |
| **9** Sa | 0245 | 3.7 | 113 |
| | 0919 | −0.4 | −12 |
| | 1527 | 3.4 | 104 |
| | 2138 | 0.1 | 3 |
| **10** Su | 0330 | 3.5 | 107 |
| | 0950 | −0.1 | −3 |
| | 1552 | 3.5 | 107 |
| | 2221 | −0.1 | −3 |
| **11** M | 0419 | 3.2 | 98 |
| | 1021 | 0.3 | 9 |
| | 1620 | 3.6 | 110 |
| | 2309 | −0.2 | −6 |
| **12** Tu | 0514 | 2.8 | 85 |
| | 1053 | 0.7 | 21 |
| | 1653 | 3.7 | 113 |
| **13** W ◐ | 0006 | −0.2 | −6 |
| | 0622 | 2.4 | 73 |
| | 1128 | 1.2 | 37 |
| | 1735 | 3.6 | 110 |
| **14** Th | 0117 | −0.1 | −3 |
| | 0800 | 2.0 | 61 |
| | 1212 | 1.6 | 49 |
| | 1830 | 3.5 | 107 |
| **15** F | 0248 | −0.2 | −6 |
| | 1026 | 2.0 | 61 |
| | 1334 | 1.9 | 58 |
| | 1950 | 3.4 | 104 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0423 | −0.3 | −9 |
| | 1202 | 2.3 | 70 |
| | 1533 | 2.0 | 61 |
| | 2125 | 3.4 | 104 |
| **17** Su | 0534 | −0.6 | −18 |
| | 1243 | 2.6 | 79 |
| | 1704 | 1.7 | 52 |
| | 2247 | 3.5 | 107 |
| **18** M | 0626 | −0.8 | −24 |
| | 1314 | 2.8 | 85 |
| | 1807 | 1.3 | 40 |
| | 2352 | 3.7 | 113 |
| **19** Tu | 0708 | −0.8 | −24 |
| | 1340 | 3.0 | 91 |
| | 1856 | 0.9 | 27 |
| **20** W ○ | 0044 | 3.8 | 116 |
| | 0744 | −0.8 | −24 |
| | 1404 | 3.1 | 94 |
| | 1938 | 0.6 | 18 |
| **21** Th | 0130 | 3.8 | 116 |
| | 0815 | −0.6 | −18 |
| | 1426 | 3.2 | 98 |
| | 2017 | 0.3 | 9 |
| **22** F | 0211 | 3.7 | 113 |
| | 0844 | −0.3 | −9 |
| | 1447 | 3.4 | 104 |
| | 2054 | 0.1 | 3 |
| **23** Sa | 0250 | 3.5 | 107 |
| | 0909 | −0.1 | −3 |
| | 1508 | 3.5 | 107 |
| | 2128 | −0.1 | −3 |
| **24** Su | 0329 | 3.3 | 101 |
| | 0934 | 0.2 | 6 |
| | 1530 | 3.6 | 110 |
| | 2203 | −0.1 | −3 |
| **25** M | 0407 | 3.0 | 91 |
| | 0958 | 0.5 | 15 |
| | 1553 | 3.6 | 110 |
| | 2239 | −0.1 | −3 |
| **26** Tu | 0449 | 2.7 | 82 |
| | 1022 | 0.8 | 24 |
| | 1619 | 3.6 | 110 |
| | 2319 | 0.0 | 0 |
| **27** W | 0537 | 2.4 | 73 |
| | 1048 | 1.1 | 34 |
| | 1650 | 3.5 | 107 |
| **28** Th ◑ | 0007 | 0.1 | 3 |
| | 0641 | 2.1 | 64 |
| | 1118 | 1.4 | 43 |
| | 1730 | 3.4 | 104 |
| **29** F | 0113 | 0.3 | 9 |
| | 0819 | 1.9 | 58 |
| | 1200 | 1.6 | 49 |
| | 1826 | 3.2 | 98 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0245 | 0.3 | 9 |
| | 1031 | 2.0 | 61 |
| | 1336 | 1.9 | 58 |
| | 1951 | 3.1 | 94 |
| **2** Su | 0418 | 0.2 | 6 |
| | 1143 | 2.3 | 70 |
| | 1536 | 1.9 | 58 |
| | 2124 | 3.1 | 94 |
| **3** M | 0521 | −0.1 | −3 |
| | 1217 | 2.5 | 76 |
| | 1657 | 1.6 | 49 |
| | 2238 | 3.3 | 101 |
| **4** Tu | 0605 | −0.3 | −9 |
| | 1245 | 2.8 | 85 |
| | 1753 | 1.2 | 37 |
| | 2336 | 3.5 | 107 |
| **5** W | 0642 | −0.4 | −12 |
| | 1309 | 3.0 | 91 |
| | 1839 | 0.8 | 24 |
| **6** Th | 0026 | 3.7 | 113 |
| | 0715 | −0.5 | −15 |
| | 1332 | 3.2 | 98 |
| | 1920 | 0.4 | 12 |
| **7** F ● | 0112 | 3.7 | 113 |
| | 0748 | −0.4 | −12 |
| | 1354 | 3.4 | 104 |
| | 1959 | 0.0 | 0 |
| **8** Sa | 0157 | 3.7 | 113 |
| | 0819 | −0.2 | −6 |
| | 1417 | 3.6 | 110 |
| | 2039 | −0.3 | −9 |
| **9** Su | 0242 | 3.6 | 110 |
| | 0850 | 0.1 | 3 |
| | 1442 | 3.7 | 113 |
| | 2120 | −0.5 | −15 |
| **10** M | 0328 | 3.4 | 104 |
| | 0922 | 0.5 | 15 |
| | 1509 | 3.9 | 119 |
| | 2204 | −0.6 | −18 |
| **11** Tu | 0417 | 3.1 | 94 |
| | 0953 | 0.8 | 24 |
| | 1541 | 4.0 | 122 |
| | 2252 | −0.6 | −18 |
| **12** W | 0513 | 2.7 | 82 |
| | 1025 | 1.2 | 37 |
| | 1617 | 3.9 | 119 |
| | 2350 | −0.4 | −12 |
| **13** Th | 0624 | 2.3 | 70 |
| | 1100 | 1.5 | 46 |
| | 1702 | 3.7 | 113 |
| **14** F ◐ | 0103 | −0.2 | −6 |
| | 0811 | 2.0 | 61 |
| | 1149 | 1.8 | 55 |
| | 1806 | 3.5 | 107 |
| **15** Sa | 0238 | 0.0 | 0 |
| | 1036 | 2.1 | 64 |
| | 1335 | 2.0 | 61 |
| | 1943 | 3.2 | 98 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0412 | −0.1 | −3 |
| | 1133 | 2.4 | 73 |
| | 1539 | 1.8 | 55 |
| | 2130 | 3.2 | 98 |
| **17** M | 0517 | −0.2 | −6 |
| | 1205 | 2.7 | 82 |
| | 1703 | 1.4 | 43 |
| | 2253 | 3.4 | 104 |
| **18** Tu | 0604 | −0.3 | −9 |
| | 1231 | 2.9 | 88 |
| | 1759 | 0.9 | 27 |
| | 2353 | 3.5 | 107 |
| **19** W | 0641 | −0.3 | −9 |
| | 1254 | 3.2 | 98 |
| | 1843 | 0.5 | 15 |
| **20** Th | 0041 | 3.6 | 110 |
| | 0712 | −0.1 | −3 |
| | 1316 | 3.4 | 104 |
| | 1922 | 0.1 | 3 |
| **21** F ○ | 0123 | 3.6 | 110 |
| | 0741 | 0.0 | 0 |
| | 1337 | 3.5 | 107 |
| | 1957 | −0.1 | −3 |
| **22** Sa | 0201 | 3.5 | 107 |
| | 0807 | 0.3 | 9 |
| | 1358 | 3.6 | 110 |
| | 2030 | −0.3 | −9 |
| **23** Su | 0237 | 3.4 | 104 |
| | 0832 | 0.5 | 15 |
| | 1420 | 3.7 | 113 |
| | 2102 | −0.4 | −12 |
| **24** M | 0313 | 3.2 | 98 |
| | 0857 | 0.7 | 21 |
| | 1443 | 3.8 | 116 |
| | 2133 | −0.4 | −12 |
| **25** Tu | 0349 | 3.0 | 91 |
| | 0922 | 0.9 | 27 |
| | 1508 | 3.8 | 116 |
| | 2207 | −0.3 | −9 |
| **26** W | 0428 | 2.8 | 85 |
| | 0947 | 1.1 | 34 |
| | 1536 | 3.8 | 116 |
| | 2244 | −0.1 | −3 |
| **27** Th | 0513 | 2.5 | 76 |
| | 1016 | 1.3 | 40 |
| | 1608 | 3.7 | 113 |
| | 2330 | 0.1 | 3 |
| **28** F | 0612 | 2.3 | 70 |
| | 1050 | 1.5 | 46 |
| | 1649 | 3.5 | 107 |
| **29** Sa ◑ | 0029 | 0.3 | 9 |
| | 0739 | 2.1 | 64 |
| | 1141 | 1.8 | 55 |
| | 1746 | 3.3 | 101 |
| **30** Su | 0150 | 0.4 | 12 |
| | 0925 | 2.2 | 67 |
| | 1319 | 1.9 | 58 |
| | 1913 | 3.1 | 94 |
| **31** M | 0318 | 0.3 | 9 |
| | 1036 | 2.4 | 73 |
| | 1510 | 1.8 | 55 |
| | 2054 | 3.1 | 94 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Cedar Key, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0427 | 0.2 | 6 |
| | 1116 | 2.7 | 82 |
| | 1630 | 1.4 | 43 |
| | 2215 | 3.2 | 98 |
| **2** W | 0518 | 0.1 | 3 |
| | 1146 | 3.0 | 91 |
| | 1727 | 0.9 | 27 |
| | 2319 | 3.4 | 104 |
| **3** Th | 0559 | 0.0 | 0 |
| | 1212 | 3.2 | 98 |
| | 1814 | 0.4 | 12 |
| **4** F | 0013 | 3.6 | 110 |
| | 0637 | 0.1 | 3 |
| | 1238 | 3.5 | 107 |
| | 1857 | −0.1 | −3 |
| **5** Sa ● | 0103 | 3.7 | 113 |
| | 0713 | 0.3 | 9 |
| | 1304 | 3.7 | 113 |
| | 1939 | −0.5 | −15 |
| **6** Su | 0152 | 3.7 | 113 |
| | 0747 | 0.6 | 18 |
| | 1331 | 3.9 | 119 |
| | 2021 | −0.8 | −24 |
| **7** M | 0240 | 3.5 | 107 |
| | 0822 | 0.8 | 24 |
| | 1401 | 4.1 | 125 |
| | 2105 | −0.9 | −27 |
| **8** Tu | 0329 | 3.3 | 101 |
| | 0856 | 1.1 | 34 |
| | 1435 | 4.2 | 128 |
| | 2151 | −0.9 | −27 |
| **9** W | 0421 | 3.0 | 91 |
| | 0930 | 1.4 | 43 |
| | 1512 | 4.2 | 128 |
| | 2243 | −0.7 | −21 |
| **10** Th | 0519 | 2.6 | 79 |
| | 1008 | 1.6 | 49 |
| | 1555 | 4.0 | 122 |
| | 2341 | −0.4 | −12 |
| **11** F | 0632 | 2.4 | 73 |
| | 1054 | 1.8 | 55 |
| | 1648 | 3.8 | 116 |
| **12** Sa ◐ | 0052 | 0.0 | 0 |
| | 0807 | 2.3 | 70 |
| | 1204 | 1.9 | 58 |
| | 1802 | 3.4 | 104 |
| **13** Su | 0216 | 0.2 | 6 |
| | 0938 | 2.4 | 73 |
| | 1349 | 1.9 | 58 |
| | 1945 | 3.1 | 94 |
| **14** M | 0337 | 0.3 | 9 |
| | 1031 | 2.6 | 79 |
| | 1535 | 1.6 | 49 |
| | 2129 | 3.1 | 94 |
| **15** Tu | 0438 | 0.3 | 9 |
| | 1106 | 2.9 | 88 |
| | 1649 | 1.1 | 34 |
| | 2247 | 3.2 | 98 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0524 | 0.4 | 12 |
| | 1134 | 3.2 | 98 |
| | 1742 | 0.6 | 18 |
| | 2345 | 3.3 | 101 |
| **17** Th | 0601 | 0.5 | 15 |
| | 1200 | 3.4 | 104 |
| | 1824 | 0.2 | 6 |
| **18** F | 0032 | 3.4 | 104 |
| | 0632 | 0.6 | 18 |
| | 1224 | 3.6 | 110 |
| | 1901 | −0.1 | −3 |
| **19** Sa | 0113 | 3.4 | 104 |
| | 0702 | 0.8 | 24 |
| | 1248 | 3.8 | 116 |
| | 1935 | −0.3 | −9 |
| **20** Su ○ | 0150 | 3.3 | 101 |
| | 0730 | 0.9 | 27 |
| | 1313 | 3.9 | 119 |
| | 2007 | −0.4 | −12 |
| **21** M | 0226 | 3.3 | 101 |
| | 0757 | 1.1 | 34 |
| | 1337 | 4.0 | 122 |
| | 2039 | −0.4 | −12 |
| **22** Tu | 0302 | 3.1 | 94 |
| | 0825 | 1.2 | 37 |
| | 1404 | 4.0 | 122 |
| | 2111 | −0.4 | −12 |
| **23** W | 0338 | 3.0 | 91 |
| | 0853 | 1.4 | 43 |
| | 1432 | 4.0 | 122 |
| | 2145 | −0.3 | −9 |
| **24** Th | 0417 | 2.8 | 85 |
| | 0923 | 1.5 | 46 |
| | 1504 | 3.9 | 119 |
| | 2222 | −0.1 | −3 |
| **25** F | 0501 | 2.7 | 82 |
| | 0958 | 1.6 | 49 |
| | 1541 | 3.8 | 116 |
| | 2306 | 0.0 | 0 |
| **26** Sa | 0555 | 2.5 | 76 |
| | 1041 | 1.7 | 52 |
| | 1625 | 3.6 | 110 |
| | 2359 | 0.2 | 6 |
| **27** Su | 0703 | 2.5 | 76 |
| | 1142 | 1.8 | 55 |
| | 1723 | 3.4 | 104 |
| **28** M ◑ | 0103 | 0.4 | 12 |
| | 0816 | 2.6 | 79 |
| | 1308 | 1.9 | 58 |
| | 1846 | 3.2 | 98 |
| **29** Tu | 0214 | 0.5 | 15 |
| | 0916 | 2.8 | 85 |
| | 1440 | 1.6 | 49 |
| | 2024 | 3.1 | 94 |
| **30** W | 0322 | 0.6 | 18 |
| | 1002 | 3.0 | 91 |
| | 1557 | 1.2 | 37 |
| | 2149 | 3.2 | 98 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0421 | 0.6 | 18 |
| | 1039 | 3.3 | 101 |
| | 1657 | 0.6 | 18 |
| | 2300 | 3.3 | 101 |
| **2** F | 0511 | 0.7 | 21 |
| | 1112 | 3.6 | 110 |
| | 1748 | 0.1 | 3 |
| **3** Sa | 0001 | 3.5 | 107 |
| | 0555 | 0.9 | 27 |
| | 1145 | 3.9 | 119 |
| | 1835 | −0.4 | −12 |
| **4** Su | 0056 | 3.6 | 110 |
| | 0637 | 1.1 | 34 |
| | 1218 | 4.1 | 125 |
| | 1921 | −0.8 | −24 |
| **5** M ● | 0149 | 3.6 | 110 |
| | 0717 | 1.3 | 40 |
| | 1253 | 4.3 | 131 |
| | 2007 | −1.0 | −30 |
| **6** Tu | 0241 | 3.4 | 104 |
| | 0756 | 1.5 | 46 |
| | 1331 | 4.4 | 134 |
| | 2055 | −1.0 | −30 |
| **7** W | 0333 | 3.2 | 98 |
| | 0835 | 1.6 | 49 |
| | 1412 | 4.5 | 137 |
| | 2144 | −0.9 | −27 |
| **8** Th | 0426 | 3.0 | 91 |
| | 0917 | 1.7 | 52 |
| | 1457 | 4.4 | 134 |
| | 2236 | −0.6 | −18 |
| **9** F | 0522 | 2.8 | 85 |
| | 1004 | 1.8 | 55 |
| | 1547 | 4.1 | 125 |
| | 2332 | −0.3 | −9 |
| **10** Sa | 0623 | 2.7 | 82 |
| | 1101 | 1.9 | 58 |
| | 1647 | 3.8 | 116 |
| **11** Su ◐ | 0031 | 0.1 | 3 |
| | 0726 | 2.7 | 82 |
| | 1213 | 1.8 | 55 |
| | 1802 | 3.4 | 104 |
| **12** M | 0135 | 0.5 | 15 |
| | 0824 | 2.8 | 85 |
| | 1342 | 1.7 | 52 |
| | 1935 | 3.1 | 94 |
| **13** Tu | 0239 | 0.7 | 21 |
| | 0914 | 3.0 | 91 |
| | 1511 | 1.3 | 40 |
| | 2110 | 3.0 | 91 |
| **14** W | 0338 | 1.0 | 30 |
| | 0954 | 3.2 | 98 |
| | 1622 | 0.9 | 27 |
| | 2229 | 3.0 | 91 |
| **15** Th | 0428 | 1.1 | 34 |
| | 1030 | 3.5 | 107 |
| | 1716 | 0.4 | 12 |
| | 2330 | 3.1 | 94 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0510 | 1.2 | 37 |
| | 1103 | 3.7 | 113 |
| | 1800 | 0.1 | 3 |
| **17** Sa | 0020 | 3.2 | 98 |
| | 0547 | 1.4 | 43 |
| | 1134 | 3.9 | 119 |
| | 1839 | −0.2 | −6 |
| **18** Su | 0103 | 3.2 | 98 |
| | 0622 | 1.5 | 46 |
| | 1204 | 4.0 | 122 |
| | 1915 | −0.3 | −9 |
| **19** M ○ | 0143 | 3.2 | 98 |
| | 0655 | 1.5 | 46 |
| | 1234 | 4.1 | 125 |
| | 1950 | −0.3 | −9 |
| **20** Tu | 0220 | 3.2 | 98 |
| | 0728 | 1.6 | 49 |
| | 1305 | 4.1 | 125 |
| | 2023 | −0.3 | −9 |
| **21** W | 0256 | 3.1 | 94 |
| | 0801 | 1.7 | 52 |
| | 1337 | 4.1 | 125 |
| | 2057 | −0.3 | −9 |
| **22** Th | 0333 | 3.0 | 91 |
| | 0835 | 1.7 | 52 |
| | 1410 | 4.1 | 125 |
| | 2131 | −0.2 | −6 |
| **23** F | 0411 | 3.0 | 91 |
| | 0911 | 1.7 | 52 |
| | 1446 | 4.1 | 125 |
| | 2208 | −0.1 | −3 |
| **24** Sa | 0451 | 2.9 | 88 |
| | 0952 | 1.8 | 55 |
| | 1525 | 3.9 | 119 |
| | 2247 | 0.0 | 0 |
| **25** Su | 0534 | 2.9 | 88 |
| | 1040 | 1.8 | 55 |
| | 1612 | 3.8 | 116 |
| | 2331 | 0.2 | 6 |
| **26** M | 0621 | 3.0 | 91 |
| | 1138 | 1.8 | 55 |
| | 1709 | 3.5 | 107 |
| **27** Tu ◑ | 0021 | 0.4 | 12 |
| | 0711 | 3.1 | 94 |
| | 1249 | 1.7 | 52 |
| | 1825 | 3.3 | 101 |
| **28** W | 0117 | 0.7 | 21 |
| | 0801 | 3.2 | 98 |
| | 1406 | 1.4 | 43 |
| | 1955 | 3.1 | 94 |
| **29** Th | 0218 | 0.9 | 27 |
| | 0848 | 3.4 | 104 |
| | 1521 | 0.9 | 27 |
| | 2125 | 3.1 | 94 |
| **30** F | 0321 | 1.2 | 37 |
| | 0933 | 3.7 | 113 |
| | 1626 | 0.4 | 12 |
| | 2244 | 3.2 | 98 |
| **31** Sa | 0420 | 1.4 | 43 |
| | 1016 | 3.9 | 119 |
| | 1724 | −0.1 | −3 |
| | 2353 | 3.3 | 101 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0514 | 1.6 | 49 |
| | 1059 | 4.2 | 128 |
| | 1818 | −0.6 | −18 |
| **2** M | 0055 | 3.4 | 104 |
| | 0604 | 1.8 | 55 |
| | 1142 | 4.4 | 134 |
| | 1909 | −0.8 | −24 |
| **3** Tu ● | 0151 | 3.4 | 104 |
| | 0651 | 1.8 | 55 |
| | 1227 | 4.6 | 140 |
| | 1959 | −1.0 | −30 |
| **4** W | 0244 | 3.4 | 104 |
| | 0737 | 1.9 | 58 |
| | 1314 | 4.7 | 143 |
| | 2049 | −0.9 | −27 |
| **5** Th | 0334 | 3.3 | 101 |
| | 0823 | 1.9 | 58 |
| | 1402 | 4.6 | 140 |
| | 2138 | −0.8 | −24 |
| **6** F | 0421 | 3.2 | 98 |
| | 0911 | 1.8 | 55 |
| | 1453 | 4.5 | 137 |
| | 2225 | −0.5 | −15 |
| **7** Sa | 0505 | 3.1 | 94 |
| | 1002 | 1.8 | 55 |
| | 1546 | 4.2 | 128 |
| | 2311 | −0.1 | −3 |
| **8** Su | 0548 | 3.1 | 94 |
| | 1059 | 1.7 | 52 |
| | 1645 | 3.8 | 116 |
| | 2357 | 0.3 | 9 |
| **9** M | 0629 | 3.1 | 94 |
| | 1202 | 1.6 | 49 |
| | 1751 | 3.4 | 104 |
| **10** Tu ◐ | 0043 | 0.8 | 24 |
| | 0712 | 3.2 | 98 |
| | 1314 | 1.4 | 43 |
| | 1910 | 3.1 | 94 |
| **11** W | 0131 | 1.1 | 34 |
| | 0755 | 3.4 | 104 |
| | 1431 | 1.2 | 37 |
| | 2036 | 2.9 | 88 |
| **12** Th | 0223 | 1.5 | 46 |
| | 0840 | 3.5 | 107 |
| | 1544 | 0.8 | 24 |
| | 2201 | 2.8 | 85 |
| **13** F | 0318 | 1.7 | 52 |
| | 0924 | 3.7 | 113 |
| | 1645 | 0.5 | 15 |
| | 2312 | 2.9 | 88 |
| **14** Sa | 0412 | 1.9 | 58 |
| | 1008 | 3.9 | 119 |
| | 1736 | 0.2 | 6 |
| **15** Su | 0009 | 3.0 | 91 |
| | 0501 | 1.9 | 58 |
| | 1049 | 4.0 | 122 |
| | 1820 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0056 | 3.1 | 94 |
| | 0546 | 1.9 | 58 |
| | 1129 | 4.1 | 125 |
| | 1900 | −0.1 | −3 |
| **17** Tu | 0138 | 3.2 | 98 |
| | 0628 | 1.9 | 58 |
| | 1208 | 4.2 | 128 |
| | 1937 | −0.2 | −6 |
| **18** W ○ | 0215 | 3.2 | 98 |
| | 0707 | 1.9 | 58 |
| | 1245 | 4.2 | 128 |
| | 2012 | −0.2 | −6 |
| **19** Th | 0250 | 3.2 | 98 |
| | 0745 | 1.9 | 58 |
| | 1322 | 4.3 | 131 |
| | 2045 | −0.2 | −6 |
| **20** F | 0324 | 3.2 | 98 |
| | 0824 | 1.8 | 55 |
| | 1359 | 4.2 | 128 |
| | 2118 | −0.1 | −3 |
| **21** Sa | 0356 | 3.2 | 98 |
| | 0903 | 1.8 | 55 |
| | 1437 | 4.2 | 128 |
| | 2151 | −0.1 | −3 |
| **22** Su | 0427 | 3.3 | 101 |
| | 0945 | 1.7 | 52 |
| | 1518 | 4.1 | 125 |
| | 2225 | 0.1 | 3 |
| **23** M | 0459 | 3.4 | 104 |
| | 1031 | 1.6 | 49 |
| | 1604 | 3.9 | 119 |
| | 2302 | 0.3 | 9 |
| **24** Tu | 0533 | 3.5 | 107 |
| | 1123 | 1.5 | 46 |
| | 1659 | 3.6 | 110 |
| | 2342 | 0.6 | 18 |
| **25** W | 0610 | 3.6 | 110 |
| | 1222 | 1.3 | 40 |
| | 1807 | 3.3 | 101 |
| **26** Th ◑ | 0028 | 0.9 | 27 |
| | 0652 | 3.7 | 113 |
| | 1331 | 1.1 | 34 |
| | 1932 | 3.1 | 94 |
| **27** F | 0121 | 1.4 | 43 |
| | 0740 | 3.8 | 116 |
| | 1447 | 0.7 | 21 |
| | 2106 | 3.0 | 91 |
| **28** Sa | 0224 | 1.7 | 52 |
| | 0834 | 4.0 | 122 |
| | 1602 | 0.3 | 9 |
| | 2238 | 3.0 | 91 |
| **29** Su | 0334 | 2.0 | 61 |
| | 0930 | 4.1 | 125 |
| | 1710 | −0.1 | −3 |
| | 2357 | 3.2 | 98 |
| **30** M | 0441 | 2.1 | 64 |
| | 1027 | 4.4 | 134 |
| | 1810 | −0.5 | −15 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Cedar Key, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0101 | 3.3 | 101 | **16** W | 0127 | 3.2 | 98 |
| | 0542 | 2.1 | 64 | | 0608 | 2.1 | 64 |
| | 1123 | 4.6 | 140 | | 1152 | 4.2 | 128 |
| | 1904 | −0.7 | −21 | | 1923 | 0.0 | 0 |
| **2** W ● | 0153 | 3.4 | 104 | **17** Th | 0201 | 3.3 | 101 |
| | 0636 | 2.1 | 64 | | 0652 | 1.9 | 58 |
| | 1217 | 4.7 | 143 | | 1234 | 4.3 | 131 |
| | 1954 | −0.8 | −24 | | 1956 | −0.1 | −3 |
| **3** Th | 0239 | 3.4 | 104 | **18** F ○ | 0231 | 3.3 | 101 |
| | 0727 | 1.9 | 58 | | 0733 | 1.8 | 55 |
| | 1309 | 4.7 | 143 | | 1314 | 4.3 | 131 |
| | 2040 | −0.7 | −21 | | 2027 | −0.1 | −3 |
| **4** F | 0319 | 3.4 | 104 | **19** Sa | 0258 | 3.4 | 104 |
| | 0816 | 1.8 | 55 | | 0813 | 1.7 | 52 |
| | 1401 | 4.7 | 143 | | 1352 | 4.3 | 131 |
| | 2123 | −0.5 | −15 | | 2057 | 0.0 | 0 |
| **5** Sa | 0354 | 3.4 | 104 | **20** Su | 0323 | 3.5 | 107 |
| | 0904 | 1.6 | 49 | | 0852 | 1.5 | 46 |
| | 1451 | 4.5 | 137 | | 1432 | 4.3 | 131 |
| | 2203 | −0.2 | −6 | | 2127 | 0.1 | 3 |
| **6** Su | 0426 | 3.4 | 104 | **21** M | 0348 | 3.6 | 110 |
| | 0952 | 1.5 | 46 | | 0932 | 1.3 | 40 |
| | 1541 | 4.2 | 128 | | 1513 | 4.1 | 125 |
| | 2239 | 0.2 | 6 | | 2158 | 0.3 | 9 |
| **7** M | 0457 | 3.5 | 107 | **22** Tu | 0413 | 3.7 | 113 |
| | 1042 | 1.3 | 40 | | 1014 | 1.2 | 37 |
| | 1633 | 3.8 | 116 | | 1558 | 3.9 | 119 |
| | 2314 | 0.6 | 18 | | 2230 | 0.5 | 15 |
| **8** Tu | 0528 | 3.6 | 110 | **23** W | 0441 | 3.9 | 119 |
| | 1135 | 1.2 | 37 | | 1101 | 1.0 | 30 |
| | 1729 | 3.5 | 107 | | 1650 | 3.6 | 110 |
| | 2348 | 1.0 | 30 | | 2305 | 0.9 | 27 |
| **9** W ◐ | 0602 | 3.6 | 110 | **24** Th | 0514 | 4.0 | 122 |
| | 1233 | 1.1 | 34 | | 1155 | 0.9 | 27 |
| | 1835 | 3.1 | 94 | | 1754 | 3.3 | 101 |
| | | | | | 2344 | 1.3 | 40 |
| **10** Th | 0024 | 1.4 | 43 | **25** F ◑ | 0553 | 4.0 | 122 |
| | 0641 | 3.7 | 113 | | 1301 | 0.8 | 24 |
| | 1339 | 1.0 | 30 | | 1917 | 2.9 | 88 |
| | 1954 | 2.8 | 85 | | | | |
| **11** F | 0108 | 1.8 | 55 | **26** Sa | 0032 | 1.8 | 55 |
| | 0726 | 3.7 | 113 | | 0643 | 4.0 | 122 |
| | 1454 | 0.9 | 27 | | 1421 | 0.6 | 18 |
| | 2125 | 2.7 | 82 | | 2100 | 2.8 | 85 |
| **12** Sa | 0203 | 2.1 | 64 | **27** Su | 0136 | 2.1 | 64 |
| | 0819 | 3.8 | 116 | | 0747 | 4.1 | 125 |
| | 1609 | 0.7 | 21 | | 1547 | 0.3 | 9 |
| | 2253 | 2.8 | 85 | | 2249 | 2.9 | 88 |
| **13** Su | 0311 | 2.2 | 67 | **28** M | 0300 | 2.4 | 73 |
| | 0917 | 3.9 | 119 | | 0902 | 4.2 | 128 |
| | 1712 | 0.5 | 15 | | 1704 | 0.0 | 0 |
| **14** M | 0000 | 2.9 | 88 | **29** Tu | 0008 | 3.1 | 94 |
| | 0420 | 2.2 | 67 | | 0424 | 2.3 | 70 |
| | 1013 | 4.0 | 122 | | 1015 | 4.3 | 131 |
| | 1803 | 0.2 | 6 | | 1806 | −0.3 | −9 |
| **15** Tu | 0048 | 3.0 | 91 | **30** W | 0100 | 3.2 | 98 |
| | 0519 | 2.2 | 67 | | 0533 | 2.2 | 67 |
| | 1105 | 4.1 | 125 | | 1120 | 4.5 | 137 |
| | 1846 | 0.1 | 3 | | 1858 | −0.5 | −15 |
| | | | | **31** Th | 0140 | 3.4 | 104 |
| | | | | | 0630 | 1.9 | 58 |
| | | | | | 1218 | 4.7 | 143 |
| | | | | | 1943 | −0.5 | −15 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F ● | 0214 | 3.5 | 107 | **16** Sa ○ | 0152 | 3.5 | 107 |
| | 0720 | 1.6 | 49 | | 0717 | 1.4 | 43 |
| | 1310 | 4.7 | 143 | | 1305 | 4.4 | 134 |
| | 2022 | −0.4 | −12 | | 1959 | 0.1 | 3 |
| **2** Sa | 0243 | 3.6 | 110 | **17** Su | 0215 | 3.6 | 110 |
| | 0806 | 1.4 | 43 | | 0756 | 1.2 | 37 |
| | 1359 | 4.6 | 140 | | 1345 | 4.4 | 134 |
| | 2058 | −0.1 | −3 | | 2029 | 0.2 | 6 |
| **3** Su | 0311 | 3.6 | 110 | **18** M | 0238 | 3.8 | 116 |
| | 0850 | 1.1 | 34 | | 0834 | 0.9 | 27 |
| | 1445 | 4.4 | 134 | | 1426 | 4.3 | 131 |
| | 2131 | 0.2 | 6 | | 2058 | 0.4 | 12 |
| **4** M | 0336 | 3.7 | 113 | **19** Tu | 0300 | 3.9 | 119 |
| | 0933 | 1.0 | 30 | | 0912 | 0.7 | 21 |
| | 1530 | 4.1 | 125 | | 1508 | 4.1 | 125 |
| | 2200 | 0.6 | 18 | | 2128 | 0.6 | 18 |
| **5** Tu | 0402 | 3.8 | 116 | **20** W | 0325 | 4.0 | 122 |
| | 1015 | 0.9 | 27 | | 0953 | 0.5 | 15 |
| | 1615 | 3.8 | 116 | | 1553 | 3.8 | 116 |
| | 2229 | 0.9 | 27 | | 2159 | 0.9 | 27 |
| **6** W | 0428 | 3.9 | 119 | **21** Th | 0352 | 4.2 | 128 |
| | 1059 | 0.8 | 24 | | 1039 | 0.4 | 12 |
| | 1703 | 3.4 | 104 | | 1645 | 3.5 | 107 |
| | 2257 | 1.3 | 40 | | 2232 | 1.3 | 40 |
| **7** Th | 0457 | 3.9 | 119 | **22** F | 0425 | 4.2 | 128 |
| | 1147 | 0.8 | 24 | | 1132 | 0.4 | 12 |
| | 1759 | 3.1 | 94 | | 1748 | 3.1 | 94 |
| | 2327 | 1.6 | 49 | | 2308 | 1.7 | 52 |
| **8** F ◐ | 0532 | 3.9 | 119 | **23** Sa ◑ | 0506 | 4.2 | 128 |
| | 1244 | 0.9 | 27 | | 1239 | 0.5 | 15 |
| | 1910 | 2.7 | 82 | | 1914 | 2.8 | 85 |
| | | | | | 2353 | 2.1 | 64 |
| **9** Sa | 0003 | 1.9 | 58 | **24** Su | 0601 | 4.1 | 125 |
| | 0616 | 3.8 | 116 | | 1405 | 0.5 | 15 |
| | 1357 | 1.0 | 30 | | 2114 | 2.6 | 79 |
| | 2045 | 2.6 | 79 | | | | |
| **10** Su | 0055 | 2.2 | 67 | **25** M | 0106 | 2.3 | 70 |
| | 0716 | 3.8 | 116 | | 0719 | 4.0 | 122 |
| | 1526 | 0.9 | 27 | | 1542 | 0.4 | 12 |
| | 2231 | 2.6 | 79 | | 2305 | 2.8 | 85 |
| **11** M | 0218 | 2.4 | 73 | **26** Tu | 0252 | 2.4 | 73 |
| | 0831 | 3.7 | 113 | | 0854 | 4.0 | 122 |
| | 1645 | 0.7 | 21 | | 1700 | 0.2 | 6 |
| | 2343 | 2.8 | 85 | | | | |
| **12** Tu | 0348 | 2.3 | 70 | **27** W | 0000 | 3.1 | 94 |
| | 0945 | 3.8 | 116 | | 0425 | 2.2 | 67 |
| | 1741 | 0.5 | 15 | | 1018 | 4.1 | 125 |
| | | | | | 1757 | −0.1 | −3 |
| **13** W | 0026 | 3.0 | 91 | **28** Th | 0036 | 3.3 | 101 |
| | 0458 | 2.2 | 67 | | 0532 | 1.8 | 55 |
| | 1048 | 4.0 | 122 | | 1126 | 4.3 | 131 |
| | 1823 | 0.3 | 9 | | 1842 | −0.1 | −3 |
| **14** Th | 0059 | 3.2 | 98 | **29** F | 0106 | 3.5 | 107 |
| | 0552 | 1.9 | 58 | | 0625 | 1.4 | 43 |
| | 1140 | 4.2 | 128 | | 1221 | 4.5 | 137 |
| | 1858 | 0.1 | 3 | | 1920 | −0.1 | −3 |
| **15** F | 0127 | 3.4 | 104 | **30** Sa ● | 0133 | 3.6 | 110 |
| | 0637 | 1.7 | 52 | | 0710 | 1.1 | 34 |
| | 1224 | 4.3 | 131 | | 1309 | 4.5 | 137 |
| | 1930 | 0.1 | 3 | | 1954 | 0.1 | 3 |
| | | | | **31** Su | 0157 | 3.8 | 116 |
| | | | | | 0752 | 0.8 | 24 |
| | | | | | 1353 | 4.4 | 134 |
| | | | | | 2025 | 0.3 | 9 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0221 | 3.9 | 119 | **16** Tu | 0148 | 4.0 | 122 |
| | 0831 | 0.5 | 15 | | 0813 | 0.2 | 6 |
| | 1434 | 4.2 | 128 | | 1420 | 4.1 | 125 |
| | 2053 | 0.6 | 18 | | 2027 | 0.8 | 24 |
| **2** Tu | 0244 | 4.0 | 122 | **17** W | 0213 | 4.1 | 125 |
| | 0908 | 0.4 | 12 | | 0852 | 0.0 | 0 |
| | 1515 | 3.9 | 119 | | 1504 | 3.9 | 119 |
| | 2120 | 1.0 | 30 | | 2058 | 1.1 | 34 |
| **3** W | 0308 | 4.0 | 122 | **18** Th | 0240 | 4.3 | 131 |
| | 0945 | 0.4 | 12 | | 0935 | −0.1 | −3 |
| | 1555 | 3.7 | 113 | | 1552 | 3.6 | 110 |
| | 2146 | 1.2 | 37 | | 2130 | 1.4 | 43 |
| **4** Th | 0333 | 4.1 | 125 | **19** F | 0312 | 4.3 | 131 |
| | 1022 | 0.4 | 12 | | 1022 | −0.1 | −3 |
| | 1638 | 3.3 | 101 | | 1645 | 3.3 | 101 |
| | 2213 | 1.5 | 46 | | 2204 | 1.7 | 52 |
| **5** F | 0401 | 4.0 | 122 | **20** Sa | 0349 | 4.3 | 131 |
| | 1103 | 0.6 | 18 | | 1118 | 0.1 | 3 |
| | 1727 | 3.0 | 91 | | 1752 | 2.9 | 88 |
| | 2241 | 1.7 | 52 | | 2243 | 1.9 | 58 |
| **6** Sa | 0435 | 3.9 | 119 | **21** Su | 0435 | 4.2 | 128 |
| | 1154 | 0.7 | 21 | | 1227 | 0.3 | 9 |
| | 1831 | 2.7 | 82 | | 1924 | 2.6 | 79 |
| | 2316 | 2.0 | 61 | | 2337 | 2.2 | 67 |
| **7** Su ◐ | 0518 | 3.8 | 116 | **22** M ◑ | 0538 | 3.9 | 119 |
| | 1301 | 0.9 | 27 | | 1356 | 0.5 | 15 |
| | 2003 | 2.5 | 76 | | 2124 | 2.6 | 79 |
| **8** M | 0009 | 2.2 | 67 | **23** Tu | 0110 | 2.3 | 70 |
| | 0621 | 3.6 | 110 | | 0713 | 3.7 | 113 |
| | 1432 | 1.0 | 30 | | 1530 | 0.5 | 15 |
| | 2153 | 2.6 | 79 | | 2241 | 2.8 | 85 |
| **9** Tu | 0142 | 2.3 | 70 | **24** W | 0301 | 2.2 | 67 |
| | 0750 | 3.5 | 107 | | 0900 | 3.7 | 113 |
| | 1602 | 0.8 | 24 | | 1641 | 0.3 | 9 |
| | 2302 | 2.8 | 85 | | 2322 | 3.1 | 94 |
| **10** W | 0323 | 2.2 | 67 | **25** Th | 0426 | 1.8 | 55 |
| | 0919 | 3.6 | 110 | | 1024 | 3.8 | 116 |
| | 1703 | 0.6 | 18 | | 1733 | 0.3 | 9 |
| | 2342 | 3.0 | 91 | | 2353 | 3.3 | 101 |
| **11** Th | 0437 | 1.9 | 58 | **26** F | 0526 | 1.3 | 40 |
| | 1029 | 3.8 | 116 | | 1128 | 4.0 | 122 |
| | 1746 | 0.4 | 12 | | 1813 | 0.3 | 9 |
| **12** F | 0012 | 3.3 | 101 | **27** Sa | 0019 | 3.6 | 110 |
| | 0531 | 1.6 | 49 | | 0614 | 0.8 | 24 |
| | 1124 | 4.0 | 122 | | 1219 | 4.1 | 125 |
| | 1821 | 0.3 | 9 | | 1848 | 0.4 | 12 |
| **13** Sa | 0038 | 3.5 | 107 | **28** Su | 0044 | 3.7 | 113 |
| | 0616 | 1.2 | 37 | | 0656 | 0.4 | 12 |
| | 1211 | 4.2 | 128 | | 1304 | 4.1 | 125 |
| | 1854 | 0.3 | 9 | | 1919 | 0.6 | 18 |
| **14** Su | 0102 | 3.7 | 113 | **29** M ● | 0108 | 3.9 | 119 |
| | 0656 | 0.8 | 24 | | 0734 | 0.2 | 6 |
| | 1254 | 4.2 | 128 | | 1344 | 4.0 | 122 |
| | 1925 | 0.4 | 12 | | 1948 | 0.8 | 24 |
| **15** M ○ | 0125 | 3.8 | 116 | **30** Tu | 0132 | 4.0 | 122 |
| | 0734 | 0.5 | 15 | | 0809 | 0.0 | 0 |
| | 1337 | 4.2 | 128 | | 1423 | 3.8 | 116 |
| | 1956 | 0.6 | 18 | | 2016 | 1.1 | 34 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Cedar Key, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0156 | 4.1 | 125 |
| | 0843 | 0.0 | 0 |
| | 1501 | 3.6 | 110 |
| | 2043 | 1.3 | 40 |
| **2** Th | 0221 | 4.1 | 125 |
| | 0916 | 0.0 | 0 |
| | 1539 | 3.4 | 104 |
| | 2110 | 1.5 | 46 |
| **3** F | 0247 | 4.1 | 125 |
| | 0951 | 0.1 | 3 |
| | 1619 | 3.2 | 98 |
| | 2138 | 1.6 | 49 |
| **4** Sa | 0318 | 4.0 | 122 |
| | 1030 | 0.3 | 9 |
| | 1705 | 2.9 | 88 |
| | 2210 | 1.8 | 55 |
| **5** Su | 0353 | 3.9 | 119 |
| | 1116 | 0.5 | 15 |
| | 1804 | 2.7 | 82 |
| | 2250 | 1.9 | 58 |
| **6** M | 0438 | 3.7 | 113 |
| | 1216 | 0.7 | 21 |
| | 1924 | 2.6 | 79 |
| | 2350 | 2.1 | 64 |
| **7** Tu ◐ | 0540 | 3.5 | 107 |
| | 1333 | 0.8 | 24 |
| | 2052 | 2.6 | 79 |
| **8** W | 0120 | 2.1 | 64 |
| | 0711 | 3.3 | 101 |
| | 1456 | 0.8 | 24 |
| | 2157 | 2.8 | 85 |
| **9** Th | 0255 | 1.9 | 58 |
| | 0846 | 3.3 | 101 |
| | 1602 | 0.7 | 21 |
| | 2240 | 3.0 | 91 |
| **10** F | 0409 | 1.6 | 49 |
| | 1002 | 3.5 | 107 |
| | 1652 | 0.6 | 18 |
| | 2312 | 3.3 | 101 |
| **11** Sa | 0504 | 1.1 | 34 |
| | 1103 | 3.7 | 113 |
| | 1734 | 0.6 | 18 |
| | 2341 | 3.5 | 107 |
| **12** Su | 0550 | 0.6 | 18 |
| | 1155 | 3.8 | 116 |
| | 1811 | 0.7 | 21 |
| **13** M | 0007 | 3.8 | 116 |
| | 0632 | 0.2 | 6 |
| | 1243 | 3.9 | 119 |
| | 1847 | 0.8 | 24 |
| **14** Tu ○ | 0034 | 4.0 | 122 |
| | 0712 | −0.2 | −6 |
| | 1330 | 3.9 | 119 |
| | 1922 | 1.0 | 30 |
| **15** W | 0101 | 4.1 | 125 |
| | 0754 | −0.5 | −15 |
| | 1416 | 3.8 | 116 |
| | 1957 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0132 | 4.3 | 131 |
| | 0837 | −0.6 | −18 |
| | 1505 | 3.6 | 110 |
| | 2032 | 1.5 | 46 |
| **17** F | 0205 | 4.4 | 134 |
| | 0923 | −0.6 | −18 |
| | 1556 | 3.3 | 101 |
| | 2109 | 1.7 | 52 |
| **18** Sa | 0244 | 4.3 | 131 |
| | 1014 | −0.5 | −15 |
| | 1653 | 3.0 | 91 |
| | 2149 | 1.8 | 55 |
| **19** Su | 0328 | 4.2 | 128 |
| | 1111 | −0.2 | −6 |
| | 1801 | 2.7 | 82 |
| | 2238 | 2.0 | 61 |
| **20** M | 0422 | 4.0 | 122 |
| | 1218 | 0.1 | 3 |
| | 1923 | 2.6 | 79 |
| | 2347 | 2.1 | 64 |
| **21** Tu ◑ | 0536 | 3.6 | 110 |
| | 1336 | 0.4 | 12 |
| | 2044 | 2.7 | 82 |
| **22** W | 0120 | 2.0 | 61 |
| | 0716 | 3.4 | 104 |
| | 1456 | 0.5 | 15 |
| | 2143 | 2.9 | 88 |
| **23** Th | 0258 | 1.7 | 52 |
| | 0859 | 3.3 | 101 |
| | 1602 | 0.6 | 18 |
| | 2224 | 3.1 | 94 |
| **24** F | 0415 | 1.2 | 37 |
| | 1021 | 3.4 | 104 |
| | 1652 | 0.7 | 21 |
| | 2258 | 3.4 | 104 |
| **25** Sa | 0512 | 0.7 | 21 |
| | 1123 | 3.5 | 107 |
| | 1734 | 0.8 | 24 |
| | 2327 | 3.6 | 110 |
| **26** Su | 0558 | 0.2 | 6 |
| | 1214 | 3.6 | 110 |
| | 1809 | 0.9 | 27 |
| | 2355 | 3.8 | 116 |
| **27** M | 0638 | −0.1 | −3 |
| | 1257 | 3.6 | 110 |
| | 1842 | 1.1 | 34 |
| **28** Tu ● | 0022 | 3.9 | 119 |
| | 0715 | −0.3 | −9 |
| | 1337 | 3.5 | 107 |
| | 1913 | 1.3 | 40 |
| **29** W | 0049 | 4.0 | 122 |
| | 0749 | −0.4 | −12 |
| | 1415 | 3.4 | 104 |
| | 1943 | 1.4 | 43 |
| **30** Th | 0116 | 4.0 | 122 |
| | 0823 | −0.4 | −12 |
| | 1452 | 3.3 | 101 |
| | 2012 | 1.5 | 46 |
| **31** F | 0145 | 4.0 | 122 |
| | 0856 | −0.3 | −9 |
| | 1529 | 3.1 | 94 |
| | 2043 | 1.6 | 49 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0215 | 4.0 | 122 |
| | 0931 | −0.2 | −6 |
| | 1608 | 3.0 | 91 |
| | 2116 | 1.7 | 52 |
| **2** Su | 0249 | 3.9 | 119 |
| | 1009 | 0.0 | 0 |
| | 1652 | 2.8 | 85 |
| | 2154 | 1.7 | 52 |
| **3** M | 0328 | 3.7 | 113 |
| | 1051 | 0.2 | 6 |
| | 1742 | 2.7 | 82 |
| | 2240 | 1.8 | 55 |
| **4** Tu | 0414 | 3.5 | 107 |
| | 1141 | 0.4 | 12 |
| | 1841 | 2.7 | 82 |
| | 2341 | 1.8 | 55 |
| **5** W ◐ | 0514 | 3.3 | 101 |
| | 1239 | 0.5 | 15 |
| | 1943 | 2.7 | 82 |
| **6** Th | 0057 | 1.8 | 55 |
| | 0635 | 3.1 | 94 |
| | 1344 | 0.7 | 21 |
| | 2039 | 2.9 | 88 |
| **7** F | 0219 | 1.5 | 46 |
| | 0807 | 3.0 | 91 |
| | 1449 | 0.8 | 24 |
| | 2125 | 3.1 | 94 |
| **8** Sa | 0331 | 1.1 | 34 |
| | 0930 | 3.1 | 94 |
| | 1548 | 0.8 | 24 |
| | 2204 | 3.3 | 101 |
| **9** Su | 0431 | 0.6 | 18 |
| | 1039 | 3.2 | 98 |
| | 1640 | 1.0 | 30 |
| | 2240 | 3.6 | 110 |
| **10** M | 0522 | 0.1 | 3 |
| | 1140 | 3.4 | 104 |
| | 1727 | 1.1 | 34 |
| | 2313 | 3.8 | 116 |
| **11** Tu | 0609 | −0.4 | −12 |
| | 1235 | 3.5 | 107 |
| | 1810 | 1.3 | 40 |
| | 2348 | 4.0 | 122 |
| **12** W | 0654 | −0.8 | −24 |
| | 1327 | 3.5 | 107 |
| | 1852 | 1.4 | 43 |
| **13** Th ○ | 0024 | 4.2 | 128 |
| | 0741 | −1.0 | −30 |
| | 1419 | 3.4 | 104 |
| | 1933 | 1.6 | 49 |
| **14** F | 0103 | 4.3 | 131 |
| | 0829 | −1.1 | −34 |
| | 1510 | 3.3 | 101 |
| | 2014 | 1.7 | 52 |
| **15** Sa | 0145 | 4.3 | 131 |
| | 0918 | −1.0 | −30 |
| | 1603 | 3.1 | 94 |
| | 2058 | 1.7 | 52 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0232 | 4.3 | 131 |
| | 1010 | −0.8 | −24 |
| | 1656 | 2.9 | 88 |
| | 2147 | 1.7 | 52 |
| **17** M | 0324 | 4.1 | 125 |
| | 1104 | −0.4 | −12 |
| | 1751 | 2.8 | 85 |
| | 2244 | 1.7 | 52 |
| **18** Tu | 0424 | 3.7 | 113 |
| | 1200 | −0.1 | −3 |
| | 1847 | 2.7 | 82 |
| | 2352 | 1.6 | 49 |
| **19** W ◑ | 0537 | 3.4 | 104 |
| | 1259 | 0.3 | 9 |
| | 1941 | 2.8 | 85 |
| **20** Th | 0112 | 1.4 | 43 |
| | 0707 | 3.0 | 91 |
| | 1401 | 0.7 | 21 |
| | 2031 | 2.9 | 88 |
| **21** F | 0236 | 1.1 | 34 |
| | 0841 | 2.9 | 88 |
| | 1501 | 0.9 | 27 |
| | 2115 | 3.1 | 94 |
| **22** Sa | 0351 | 0.7 | 21 |
| | 1006 | 2.9 | 88 |
| | 1556 | 1.1 | 34 |
| | 2155 | 3.4 | 104 |
| **23** Su | 0450 | 0.2 | 6 |
| | 1114 | 3.0 | 91 |
| | 1644 | 1.3 | 40 |
| | 2232 | 3.6 | 110 |
| **24** M | 0539 | −0.1 | −3 |
| | 1208 | 3.0 | 91 |
| | 1727 | 1.4 | 43 |
| | 2308 | 3.7 | 113 |
| **25** Tu | 0621 | −0.4 | −12 |
| | 1254 | 3.1 | 94 |
| | 1806 | 1.5 | 46 |
| | 2342 | 3.8 | 116 |
| **26** W | 0659 | −0.5 | −15 |
| | 1335 | 3.1 | 94 |
| | 1842 | 1.5 | 46 |
| **27** Th ● | 0015 | 3.8 | 116 |
| | 0736 | −0.6 | −18 |
| | 1413 | 3.1 | 94 |
| | 1918 | 1.5 | 46 |
| **28** F | 0049 | 3.8 | 116 |
| | 0810 | −0.5 | −15 |
| | 1449 | 3.0 | 91 |
| | 1953 | 1.6 | 49 |
| **29** Sa | 0123 | 3.8 | 116 |
| | 0845 | −0.5 | −15 |
| | 1525 | 2.9 | 88 |
| | 2029 | 1.6 | 49 |
| **30** Su | 0158 | 3.8 | 116 |
| | 0919 | −0.4 | −12 |
| | 1600 | 2.9 | 88 |
| | 2106 | 1.5 | 46 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0235 | 3.7 | 113 |
| | 0953 | −0.3 | −9 |
| | 1636 | 2.9 | 88 |
| | 2147 | 1.5 | 46 |
| **2** Tu | 0316 | 3.6 | 110 |
| | 1030 | −0.2 | −6 |
| | 1714 | 2.9 | 88 |
| | 2233 | 1.5 | 46 |
| **3** W | 0401 | 3.4 | 104 |
| | 1109 | 0.0 | 0 |
| | 1754 | 2.9 | 88 |
| | 2326 | 1.4 | 43 |
| **4** Th | 0455 | 3.2 | 98 |
| | 1153 | 0.2 | 6 |
| | 1836 | 3.0 | 91 |
| **5** F ◐ | 0027 | 1.3 | 40 |
| | 0603 | 2.9 | 88 |
| | 1242 | 0.5 | 15 |
| | 1921 | 3.1 | 94 |
| **6** Sa | 0136 | 1.0 | 30 |
| | 0727 | 2.7 | 82 |
| | 1338 | 0.8 | 24 |
| | 2007 | 3.2 | 98 |
| **7** Su | 0248 | 0.6 | 18 |
| | 0856 | 2.7 | 82 |
| | 1440 | 1.1 | 34 |
| | 2053 | 3.4 | 104 |
| **8** M | 0355 | 0.2 | 6 |
| | 1018 | 2.8 | 85 |
| | 1543 | 1.3 | 40 |
| | 2139 | 3.6 | 110 |
| **9** Tu | 0456 | −0.3 | −9 |
| | 1131 | 2.9 | 88 |
| | 1643 | 1.5 | 46 |
| | 2226 | 3.8 | 116 |
| **10** W | 0551 | −0.8 | −24 |
| | 1235 | 3.0 | 91 |
| | 1738 | 1.6 | 49 |
| | 2313 | 4.0 | 122 |
| **11** Th | 0644 | −1.1 | −34 |
| | 1332 | 3.1 | 94 |
| | 1829 | 1.7 | 52 |
| **12** F ○ | 0000 | 4.1 | 125 |
| | 0735 | −1.3 | −40 |
| | 1425 | 3.1 | 94 |
| | 1917 | 1.6 | 49 |
| **13** Sa | 0049 | 4.2 | 128 |
| | 0825 | −1.3 | −40 |
| | 1513 | 3.0 | 91 |
| | 2006 | 1.6 | 49 |
| **14** Su | 0140 | 4.2 | 128 |
| | 0914 | −1.2 | −37 |
| | 1558 | 3.0 | 91 |
| | 2055 | 1.5 | 46 |
| **15** M | 0233 | 4.1 | 125 |
| | 1000 | −0.9 | −27 |
| | 1639 | 2.9 | 88 |
| | 2146 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0327 | 3.9 | 119 |
| | 1045 | −0.6 | −18 |
| | 1717 | 2.9 | 88 |
| | 2240 | 1.2 | 37 |
| **17** W | 0425 | 3.5 | 107 |
| | 1129 | −0.1 | −3 |
| | 1755 | 2.9 | 88 |
| | 2339 | 1.0 | 30 |
| **18** Th | 0529 | 3.1 | 94 |
| | 1212 | 0.3 | 9 |
| | 1834 | 3.0 | 91 |
| **19** F ◑ | 0045 | 0.8 | 24 |
| | 0643 | 2.7 | 82 |
| | 1256 | 0.8 | 24 |
| | 1915 | 3.1 | 94 |
| **20** Sa | 0158 | 0.6 | 18 |
| | 0809 | 2.5 | 76 |
| | 1346 | 1.2 | 37 |
| | 2000 | 3.2 | 98 |
| **21** Su | 0313 | 0.3 | 9 |
| | 0941 | 2.4 | 73 |
| | 1443 | 1.5 | 46 |
| | 2048 | 3.3 | 101 |
| **22** M | 0421 | 0.0 | 0 |
| | 1104 | 2.4 | 73 |
| | 1544 | 1.6 | 49 |
| | 2137 | 3.4 | 104 |
| **23** Tu | 0518 | −0.2 | −6 |
| | 1207 | 2.6 | 79 |
| | 1643 | 1.7 | 52 |
| | 2225 | 3.5 | 107 |
| **24** W | 0607 | −0.4 | −12 |
| | 1256 | 2.7 | 82 |
| | 1735 | 1.7 | 52 |
| | 2311 | 3.6 | 110 |
| **25** Th | 0649 | −0.6 | −18 |
| | 1336 | 2.8 | 85 |
| | 1821 | 1.6 | 49 |
| | 2354 | 3.6 | 110 |
| **26** F | 0727 | −0.6 | −18 |
| | 1411 | 2.8 | 85 |
| | 1903 | 1.5 | 46 |
| **27** Sa ● | 0035 | 3.7 | 113 |
| | 0802 | −0.6 | −18 |
| | 1444 | 2.9 | 88 |
| | 1942 | 1.4 | 43 |
| **28** Su | 0114 | 3.7 | 113 |
| | 0834 | −0.6 | −18 |
| | 1514 | 2.9 | 88 |
| | 2021 | 1.3 | 40 |
| **29** M | 0152 | 3.7 | 113 |
| | 0905 | −0.6 | −18 |
| | 1542 | 2.9 | 88 |
| | 2059 | 1.2 | 37 |
| **30** Tu | 0230 | 3.6 | 110 |
| | 0935 | −0.5 | −15 |
| | 1609 | 3.0 | 91 |
| | 2138 | 1.1 | 34 |
| **31** W | 0309 | 3.5 | 107 |
| | 1005 | −0.4 | −12 |
| | 1636 | 3.1 | 94 |
| | 2219 | 1.0 | 30 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# St. Marks River Entrance, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0245 | 0.5 | 15 |
| | 0926 | 1.8 | 55 |
| | 1325 | 1.5 | 46 |
| | 2000 | 2.6 | 79 |
| **2** W | 0401 | 0.2 | 6 |
| | 1103 | 2.0 | 61 |
| | 1440 | 1.7 | 52 |
| | 2107 | 2.6 | 79 |
| **3** Th | 0504 | −0.1 | −3 |
| | 1200 | 2.2 | 67 |
| | 1603 | 1.8 | 55 |
| | 2214 | 2.6 | 79 |
| **4** F | 0554 | −0.3 | −9 |
| | 1241 | 2.4 | 73 |
| | 1709 | 1.7 | 52 |
| | 2309 | 2.8 | 85 |
| **5** Sa | 0637 | −0.5 | −15 |
| | 1315 | 2.5 | 76 |
| | 1800 | 1.6 | 49 |
| | 2354 | 2.9 | 88 |
| **6** Su | 0715 | −0.7 | −21 |
| | 1348 | 2.7 | 82 |
| | 1842 | 1.4 | 43 |
| **7** M | 0033 | 3.0 | 91 |
| | 0750 | −0.8 | −24 |
| | 1419 | 2.8 | 85 |
| | 1920 | 1.3 | 40 |
| **8** Tu ● | 0109 | 3.2 | 98 |
| | 0822 | −0.9 | −27 |
| | 1450 | 2.9 | 88 |
| | 1957 | 1.1 | 34 |
| **9** W | 0145 | 3.3 | 101 |
| | 0852 | −1.0 | −30 |
| | 1519 | 3.0 | 91 |
| | 2035 | 0.9 | 27 |
| **10** Th | 0222 | 3.3 | 101 |
| | 0921 | −0.9 | −27 |
| | 1547 | 3.1 | 94 |
| | 2113 | 0.7 | 21 |
| **11** F | 0301 | 3.3 | 101 |
| | 0951 | −0.8 | −24 |
| | 1615 | 3.1 | 94 |
| | 2155 | 0.5 | 15 |
| **12** Sa | 0346 | 3.2 | 98 |
| | 1022 | −0.5 | −15 |
| | 1643 | 3.1 | 94 |
| | 2241 | 0.4 | 12 |
| **13** Su | 0437 | 2.9 | 88 |
| | 1056 | −0.1 | −3 |
| | 1713 | 3.1 | 94 |
| | 2335 | 0.2 | 6 |
| **14** M | 0538 | 2.6 | 79 |
| | 1135 | 0.3 | 9 |
| | 1746 | 3.1 | 94 |
| **15** Tu ◐ | 0039 | 0.0 | 0 |
| | 0659 | 2.3 | 70 |
| | 1220 | 0.8 | 24 |
| | 1825 | 3.1 | 94 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0157 | −0.2 | −6 |
| | 0845 | 2.1 | 64 |
| | 1317 | 1.3 | 40 |
| | 1916 | 3.1 | 94 |
| **17** Th | 0324 | −0.4 | −12 |
| | 1032 | 2.2 | 67 |
| | 1432 | 1.6 | 49 |
| | 2024 | 3.0 | 91 |
| **18** F | 0444 | −0.8 | −24 |
| | 1151 | 2.5 | 76 |
| | 1559 | 1.8 | 55 |
| | 2146 | 3.1 | 94 |
| **19** Sa | 0550 | −1.1 | −34 |
| | 1247 | 2.7 | 82 |
| | 1716 | 1.7 | 52 |
| | 2303 | 3.2 | 98 |
| **20** Su | 0646 | −1.3 | −40 |
| | 1332 | 2.8 | 85 |
| | 1819 | 1.5 | 46 |
| **21** M | 0007 | 3.4 | 104 |
| | 0734 | −1.4 | −43 |
| | 1410 | 2.9 | 88 |
| | 1911 | 1.2 | 37 |
| **22** Tu ○ | 0102 | 3.5 | 107 |
| | 0816 | −1.3 | −40 |
| | 1445 | 3.0 | 91 |
| | 1957 | 0.9 | 27 |
| **23** W | 0150 | 3.5 | 107 |
| | 0853 | −1.1 | −34 |
| | 1516 | 3.0 | 91 |
| | 2040 | 0.6 | 18 |
| **24** Th | 0234 | 3.4 | 104 |
| | 0925 | −0.7 | −21 |
| | 1544 | 3.0 | 91 |
| | 2122 | 0.4 | 12 |
| **25** F | 0315 | 3.2 | 98 |
| | 0952 | −0.4 | −12 |
| | 1608 | 3.0 | 91 |
| | 2203 | 0.3 | 9 |
| **26** Sa | 0356 | 2.9 | 88 |
| | 1015 | 0.0 | 0 |
| | 1630 | 2.9 | 88 |
| | 2245 | 0.2 | 6 |
| **27** Su | 0439 | 2.6 | 79 |
| | 1035 | 0.4 | 12 |
| | 1650 | 2.9 | 88 |
| | 2332 | 0.2 | 6 |
| **28** M | 0528 | 2.2 | 67 |
| | 1054 | 0.8 | 24 |
| | 1710 | 2.8 | 85 |
| **29** Tu | 0027 | 0.3 | 9 |
| | 0631 | 1.9 | 58 |
| | 1116 | 1.1 | 34 |
| | 1732 | 2.7 | 82 |
| **30** W ◑ | 0140 | 0.3 | 9 |
| | 0813 | 1.7 | 52 |
| | 1143 | 1.4 | 43 |
| | 1802 | 2.6 | 79 |
| **31** Th | 0312 | 0.2 | 6 |
| | 1856 | 2.4 | 73 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0435 | 0.0 | 0 |
| | 1159 | 2.0 | 61 |
| | 1448 | 1.9 | 58 |
| | 2108 | 2.4 | 73 |
| **2** Sa | 0535 | −0.2 | −6 |
| | 1234 | 2.3 | 70 |
| | 1649 | 1.8 | 55 |
| | 2247 | 2.5 | 76 |
| **3** Su | 0621 | −0.5 | −15 |
| | 1304 | 2.5 | 76 |
| | 1753 | 1.6 | 49 |
| | 2343 | 2.8 | 85 |
| **4** M | 0658 | −0.7 | −21 |
| | 1332 | 2.7 | 82 |
| | 1837 | 1.3 | 40 |
| **5** Tu | 0026 | 3.0 | 91 |
| | 0730 | −0.9 | −27 |
| | 1359 | 2.9 | 88 |
| | 1914 | 1.1 | 34 |
| **6** W ● | 0104 | 3.2 | 98 |
| | 0800 | −0.9 | −27 |
| | 1424 | 3.0 | 91 |
| | 1949 | 0.8 | 24 |
| **7** Th | 0142 | 3.3 | 101 |
| | 0828 | −0.9 | −27 |
| | 1448 | 3.1 | 94 |
| | 2025 | 0.5 | 15 |
| **8** F | 0221 | 3.4 | 104 |
| | 0855 | −0.8 | −24 |
| | 1511 | 3.3 | 101 |
| | 2102 | 0.1 | 3 |
| **9** Sa | 0302 | 3.4 | 104 |
| | 0922 | −0.5 | −15 |
| | 1534 | 3.4 | 104 |
| | 2141 | −0.1 | −3 |
| **10** Su | 0346 | 3.2 | 98 |
| | 0951 | −0.2 | −6 |
| | 1557 | 3.4 | 104 |
| | 2224 | −0.3 | −9 |
| **11** M | 0436 | 2.9 | 88 |
| | 1021 | 0.2 | 6 |
| | 1623 | 3.5 | 107 |
| | 2313 | −0.4 | −12 |
| **12** Tu | 0534 | 2.6 | 79 |
| | 1053 | 0.7 | 21 |
| | 1653 | 3.4 | 104 |
| **13** W ◐ | 0013 | −0.4 | −12 |
| | 0650 | 2.2 | 67 |
| | 1129 | 1.2 | 37 |
| | 1729 | 3.3 | 101 |
| **14** Th | 0133 | −0.4 | −12 |
| | 0842 | 2.0 | 61 |
| | 1218 | 1.6 | 49 |
| | 1818 | 3.2 | 98 |
| **15** F | 0312 | −0.4 | −12 |
| | 1045 | 2.1 | 64 |
| | 1342 | 1.9 | 58 |
| | 1937 | 2.9 | 88 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0441 | −0.6 | −18 |
| | 1156 | 2.4 | 73 |
| | 1545 | 1.9 | 58 |
| | 2140 | 2.9 | 88 |
| **17** Su | 0547 | −0.8 | −24 |
| | 1239 | 2.6 | 79 |
| | 1720 | 1.6 | 49 |
| | 2313 | 3.1 | 94 |
| **18** M | 0638 | −0.9 | −27 |
| | 1314 | 2.8 | 85 |
| | 1821 | 1.2 | 37 |
| **19** Tu | 0016 | 3.3 | 101 |
| | 0720 | −0.9 | −27 |
| | 1344 | 3.0 | 91 |
| | 1909 | 0.8 | 24 |
| **20** W ○ | 0107 | 3.4 | 104 |
| | 0755 | −0.8 | −24 |
| | 1412 | 3.1 | 94 |
| | 1951 | 0.4 | 12 |
| **21** Th | 0150 | 3.4 | 104 |
| | 0825 | −0.6 | −18 |
| | 1438 | 3.2 | 98 |
| | 2029 | 0.1 | 3 |
| **22** F | 0229 | 3.3 | 101 |
| | 0850 | −0.3 | −9 |
| | 1501 | 3.3 | 101 |
| | 2106 | −0.1 | −3 |
| **23** Sa | 0306 | 3.2 | 98 |
| | 0912 | 0.0 | 0 |
| | 1521 | 3.3 | 101 |
| | 2141 | −0.2 | −6 |
| **24** Su | 0343 | 2.9 | 88 |
| | 0931 | 0.3 | 9 |
| | 1539 | 3.3 | 101 |
| | 2217 | −0.2 | −6 |
| **25** M | 0420 | 2.7 | 82 |
| | 0950 | 0.6 | 18 |
| | 1556 | 3.2 | 98 |
| | 2254 | −0.1 | −3 |
| **26** Tu | 0501 | 2.4 | 73 |
| | 1011 | 0.9 | 27 |
| | 1614 | 3.1 | 94 |
| | 2338 | 0.1 | 3 |
| **27** W | 0552 | 2.1 | 64 |
| | 1033 | 1.2 | 37 |
| | 1635 | 3.0 | 91 |
| **28** Th ◑ | 0038 | 0.3 | 9 |
| | 0710 | 1.8 | 55 |
| | 1058 | 1.5 | 46 |
| | 1701 | 2.8 | 85 |
| **29** F | 0210 | 0.4 | 12 |
| | 1740 | 2.6 | 79 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0351 | 0.3 | 9 |
| | 1138 | 2.1 | 64 |
| | 1343 | 2.0 | 61 |
| | 1917 | 2.4 | 73 |
| **2** Su | 0501 | 0.0 | 0 |
| | 1209 | 2.4 | 73 |
| | 1633 | 1.9 | 58 |
| | 2218 | 2.5 | 76 |
| **3** M | 0549 | −0.3 | −9 |
| | 1235 | 2.6 | 79 |
| | 1741 | 1.6 | 49 |
| | 2325 | 2.8 | 85 |
| **4** Tu | 0627 | −0.5 | −15 |
| | 1300 | 2.9 | 88 |
| | 1822 | 1.2 | 37 |
| **5** W | 0012 | 3.1 | 94 |
| | 0659 | −0.6 | −18 |
| | 1324 | 3.1 | 94 |
| | 1859 | 0.8 | 24 |
| **6** Th | 0055 | 3.3 | 101 |
| | 0729 | −0.6 | −18 |
| | 1346 | 3.3 | 101 |
| | 1934 | 0.4 | 12 |
| **7** F ● | 0136 | 3.5 | 107 |
| | 0757 | −0.4 | −12 |
| | 1408 | 3.4 | 104 |
| | 2010 | −0.1 | −3 |
| **8** Sa | 0218 | 3.6 | 110 |
| | 0825 | −0.2 | −6 |
| | 1429 | 3.6 | 110 |
| | 2047 | −0.4 | −12 |
| **9** Su | 0302 | 3.5 | 107 |
| | 0853 | 0.1 | 3 |
| | 1451 | 3.7 | 113 |
| | 2126 | −0.7 | −21 |
| **10** M | 0347 | 3.3 | 101 |
| | 0921 | 0.5 | 15 |
| | 1516 | 3.8 | 116 |
| | 2209 | −0.8 | −24 |
| **11** Tu | 0436 | 3.0 | 91 |
| | 0950 | 0.8 | 24 |
| | 1543 | 3.8 | 116 |
| | 2258 | −0.7 | −21 |
| **12** W | 0533 | 2.6 | 79 |
| | 1019 | 1.2 | 37 |
| | 1614 | 3.8 | 116 |
| | 2358 | −0.5 | −15 |
| **13** Th | 0649 | 2.2 | 67 |
| | 1052 | 1.5 | 46 |
| | 1651 | 3.6 | 110 |
| **14** F ◐ | 0119 | −0.3 | −9 |
| | 0844 | 2.0 | 61 |
| | 1136 | 1.9 | 58 |
| | 1741 | 3.2 | 98 |
| **15** Sa | 0302 | −0.1 | −3 |
| | 1045 | 2.2 | 67 |
| | 1322 | 2.1 | 64 |
| | 1917 | 2.9 | 88 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0431 | −0.2 | −6 |
| | 1138 | 2.5 | 76 |
| | 1556 | 1.9 | 58 |
| | 2156 | 2.8 | 85 |
| **17** M | 0532 | −0.3 | −9 |
| | 1212 | 2.7 | 82 |
| | 1725 | 1.5 | 46 |
| | 2323 | 3.0 | 91 |
| **18** Tu | 0618 | −0.3 | −9 |
| | 1241 | 3.0 | 91 |
| | 1818 | 0.9 | 27 |
| **19** W | 0020 | 3.2 | 98 |
| | 0654 | −0.2 | −6 |
| | 1308 | 3.2 | 98 |
| | 1900 | 0.5 | 15 |
| **20** Th | 0105 | 3.3 | 101 |
| | 0724 | 0.0 | 0 |
| | 1333 | 3.4 | 104 |
| | 1938 | 0.1 | 3 |
| **21** F ○ | 0144 | 3.3 | 101 |
| | 0750 | 0.2 | 6 |
| | 1356 | 3.5 | 107 |
| | 2013 | −0.2 | −6 |
| **22** Sa | 0220 | 3.3 | 101 |
| | 0812 | 0.4 | 12 |
| | 1417 | 3.6 | 110 |
| | 2046 | −0.3 | −9 |
| **23** Su | 0254 | 3.2 | 98 |
| | 0833 | 0.6 | 18 |
| | 1437 | 3.6 | 110 |
| | 2119 | −0.4 | −12 |
| **24** M | 0328 | 3.1 | 94 |
| | 0854 | 0.8 | 24 |
| | 1456 | 3.6 | 110 |
| | 2151 | −0.3 | −9 |
| **25** Tu | 0404 | 2.9 | 88 |
| | 0917 | 0.9 | 27 |
| | 1515 | 3.5 | 107 |
| | 2225 | −0.2 | −6 |
| **26** W | 0442 | 2.7 | 82 |
| | 0941 | 1.1 | 34 |
| | 1537 | 3.4 | 104 |
| | 2305 | 0.0 | 0 |
| **27** Th | 0529 | 2.4 | 73 |
| | 1009 | 1.4 | 43 |
| | 1601 | 3.3 | 101 |
| | 2356 | 0.2 | 6 |
| **28** F | 0635 | 2.2 | 67 |
| | 1041 | 1.6 | 49 |
| | 1631 | 3.1 | 94 |
| **29** Sa ◑ | 0110 | 0.4 | 12 |
| | 0822 | 2.1 | 64 |
| | 1128 | 1.9 | 58 |
| | 1713 | 2.8 | 85 |
| **30** Su | 0244 | 0.4 | 12 |
| | 1020 | 2.3 | 70 |
| | 1326 | 2.1 | 64 |
| | 1839 | 2.6 | 79 |
| **31** M | 0402 | 0.3 | 9 |
| | 1113 | 2.6 | 79 |
| | 1556 | 2.0 | 61 |
| | 2132 | 2.6 | 79 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# St. Marks River Entrance, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0457 | 0.1 | 3 |
| | 1145 | 2.8 | 85 |
| | 1710 | 1.6 | 49 |
| | 2256 | 2.9 | 88 |
| **2** W | 0540 | 0.0 | 0 |
| | 1211 | 3.1 | 94 |
| | 1756 | 1.1 | 34 |
| | 2353 | 3.2 | 98 |
| **3** Th | 0617 | 0.0 | 0 |
| | 1236 | 3.3 | 101 |
| | 1835 | 0.5 | 15 |
| **4** F | 0043 | 3.4 | 104 |
| | 0651 | 0.1 | 3 |
| | 1259 | 3.5 | 107 |
| | 1914 | 0.0 | 0 |
| **5** Sa ● | 0129 | 3.6 | 110 |
| | 0723 | 0.3 | 9 |
| | 1322 | 3.7 | 113 |
| | 1953 | −0.5 | −15 |
| **6** Su | 0215 | 3.7 | 113 |
| | 0755 | 0.6 | 18 |
| | 1347 | 3.9 | 119 |
| | 2033 | −0.9 | −27 |
| **7** M | 0302 | 3.6 | 110 |
| | 0825 | 0.9 | 27 |
| | 1413 | 4.1 | 125 |
| | 2115 | −1.0 | −30 |
| **8** Tu | 0349 | 3.4 | 104 |
| | 0855 | 1.2 | 37 |
| | 1442 | 4.2 | 128 |
| | 2201 | −1.0 | −30 |
| **9** W | 0439 | 3.0 | 91 |
| | 0926 | 1.4 | 43 |
| | 1515 | 4.1 | 125 |
| | 2252 | −0.8 | −24 |
| **10** Th | 0536 | 2.7 | 82 |
| | 0958 | 1.6 | 49 |
| | 1551 | 4.0 | 122 |
| | 2352 | −0.4 | −12 |
| **11** F | 0648 | 2.4 | 73 |
| | 1036 | 1.8 | 55 |
| | 1633 | 3.7 | 113 |
| **12** Sa ◐ | 0108 | −0.1 | −3 |
| | 0826 | 2.3 | 70 |
| | 1137 | 2.0 | 61 |
| | 1731 | 3.2 | 98 |
| **13** Su | 0238 | 0.2 | 6 |
| | 0959 | 2.4 | 73 |
| | 1341 | 2.1 | 64 |
| | 1928 | 2.8 | 85 |
| **14** M | 0359 | 0.3 | 9 |
| | 1051 | 2.6 | 79 |
| | 1559 | 1.8 | 55 |
| | 2201 | 2.7 | 82 |
| **15** Tu | 0458 | 0.4 | 12 |
| | 1127 | 2.9 | 88 |
| | 1715 | 1.2 | 37 |
| | 2321 | 2.9 | 88 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0542 | 0.6 | 18 |
| | 1157 | 3.2 | 98 |
| | 1804 | 0.7 | 21 |
| **17** Th | 0015 | 3.0 | 91 |
| | 0617 | 0.7 | 21 |
| | 1224 | 3.4 | 104 |
| | 1845 | 0.2 | 6 |
| **18** F | 0058 | 3.1 | 94 |
| | 0645 | 0.8 | 24 |
| | 1250 | 3.6 | 110 |
| | 1921 | −0.1 | −3 |
| **19** Sa | 0135 | 3.2 | 98 |
| | 0710 | 1.0 | 30 |
| | 1314 | 3.7 | 113 |
| | 1955 | −0.3 | −9 |
| **20** Su ○ | 0210 | 3.2 | 98 |
| | 0734 | 1.1 | 34 |
| | 1337 | 3.8 | 116 |
| | 2028 | −0.4 | −12 |
| **21** M | 0243 | 3.2 | 98 |
| | 0759 | 1.1 | 34 |
| | 1400 | 3.8 | 116 |
| | 2100 | −0.4 | −12 |
| **22** Tu | 0317 | 3.1 | 94 |
| | 0825 | 1.2 | 37 |
| | 1422 | 3.8 | 116 |
| | 2133 | −0.3 | −9 |
| **23** W | 0352 | 3.0 | 91 |
| | 0853 | 1.3 | 40 |
| | 1447 | 3.7 | 113 |
| | 2207 | −0.2 | −6 |
| **24** Th | 0431 | 2.9 | 88 |
| | 0923 | 1.4 | 43 |
| | 1513 | 3.6 | 110 |
| | 2245 | 0.0 | 0 |
| **25** F | 0516 | 2.7 | 82 |
| | 0957 | 1.6 | 49 |
| | 1543 | 3.5 | 107 |
| | 2330 | 0.1 | 3 |
| **26** Sa | 0612 | 2.6 | 79 |
| | 1039 | 1.8 | 55 |
| | 1620 | 3.3 | 101 |
| **27** Su | 0026 | 0.3 | 9 |
| | 0726 | 2.5 | 76 |
| | 1139 | 2.0 | 61 |
| | 1710 | 3.1 | 94 |
| **28** M ◑ | 0134 | 0.4 | 12 |
| | 0847 | 2.6 | 79 |
| | 1316 | 2.1 | 64 |
| | 1834 | 2.8 | 85 |
| **29** Tu | 0245 | 0.5 | 15 |
| | 0950 | 2.8 | 85 |
| | 1507 | 1.8 | 55 |
| | 2045 | 2.7 | 82 |
| **30** W | 0348 | 0.5 | 15 |
| | 1034 | 3.0 | 91 |
| | 1626 | 1.4 | 43 |
| | 2224 | 2.9 | 88 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0441 | 0.6 | 18 |
| | 1108 | 3.2 | 98 |
| | 1722 | 0.8 | 24 |
| | 2333 | 3.2 | 98 |
| **2** F | 0527 | 0.7 | 21 |
| | 1138 | 3.5 | 107 |
| | 1809 | 0.2 | 6 |
| **3** Sa | 0031 | 3.4 | 104 |
| | 0609 | 0.9 | 27 |
| | 1208 | 3.7 | 113 |
| | 1854 | −0.4 | −12 |
| **4** Su | 0124 | 3.6 | 110 |
| | 0648 | 1.1 | 34 |
| | 1238 | 3.9 | 119 |
| | 1938 | −0.8 | −24 |
| **5** M ● | 0214 | 3.6 | 110 |
| | 0725 | 1.4 | 43 |
| | 1310 | 4.1 | 125 |
| | 2024 | −1.1 | −34 |
| **6** Tu | 0303 | 3.5 | 107 |
| | 0800 | 1.5 | 46 |
| | 1345 | 4.3 | 131 |
| | 2111 | −1.1 | −34 |
| **7** W | 0352 | 3.4 | 104 |
| | 0836 | 1.7 | 52 |
| | 1422 | 4.3 | 131 |
| | 2159 | −1.0 | −30 |
| **8** Th | 0441 | 3.1 | 94 |
| | 0913 | 1.8 | 55 |
| | 1502 | 4.2 | 128 |
| | 2250 | −0.7 | −21 |
| **9** F | 0534 | 2.8 | 85 |
| | 0954 | 1.8 | 55 |
| | 1545 | 4.0 | 122 |
| | 2345 | −0.3 | −9 |
| **10** Sa | 0633 | 2.6 | 79 |
| | 1045 | 1.9 | 58 |
| | 1635 | 3.6 | 110 |
| **11** Su ◐ | 0045 | 0.2 | 6 |
| | 0740 | 2.6 | 79 |
| | 1159 | 2.0 | 61 |
| | 1741 | 3.1 | 94 |
| **12** M | 0151 | 0.6 | 18 |
| | 0847 | 2.6 | 79 |
| | 1346 | 1.8 | 55 |
| | 1932 | 2.7 | 82 |
| **13** Tu | 0259 | 0.9 | 27 |
| | 0943 | 2.8 | 85 |
| | 1535 | 1.5 | 46 |
| | 2144 | 2.6 | 79 |
| **14** W | 0359 | 1.2 | 37 |
| | 1027 | 3.0 | 91 |
| | 1650 | 1.0 | 30 |
| | 2308 | 2.7 | 82 |
| **15** Th | 0447 | 1.3 | 40 |
| | 1104 | 3.3 | 101 |
| | 1743 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0005 | 2.8 | 85 |
| | 0526 | 1.5 | 46 |
| | 1137 | 3.5 | 107 |
| | 1826 | 0.2 | 6 |
| **17** Sa | 0049 | 2.9 | 88 |
| | 0559 | 1.6 | 49 |
| | 1207 | 3.6 | 110 |
| | 1904 | −0.1 | −3 |
| **18** Su | 0126 | 3.0 | 91 |
| | 0630 | 1.6 | 49 |
| | 1237 | 3.7 | 113 |
| | 1940 | −0.2 | −6 |
| **19** M ○ | 0201 | 3.1 | 94 |
| | 0701 | 1.6 | 49 |
| | 1305 | 3.8 | 116 |
| | 2015 | −0.3 | −9 |
| **20** Tu | 0235 | 3.1 | 94 |
| | 0732 | 1.6 | 49 |
| | 1333 | 3.8 | 116 |
| | 2049 | −0.3 | −9 |
| **21** W | 0309 | 3.1 | 94 |
| | 0804 | 1.5 | 46 |
| | 1401 | 3.8 | 116 |
| | 2122 | −0.3 | −9 |
| **22** Th | 0344 | 3.1 | 94 |
| | 0838 | 1.6 | 49 |
| | 1430 | 3.8 | 116 |
| | 2155 | −0.2 | −6 |
| **23** F | 0422 | 3.1 | 94 |
| | 0914 | 1.6 | 49 |
| | 1502 | 3.8 | 116 |
| | 2230 | −0.2 | −6 |
| **24** Sa | 0503 | 3.1 | 94 |
| | 0954 | 1.7 | 52 |
| | 1537 | 3.7 | 113 |
| | 2308 | −0.1 | −3 |
| **25** Su | 0547 | 3.0 | 91 |
| | 1041 | 1.8 | 55 |
| | 1619 | 3.5 | 107 |
| | 2350 | 0.1 | 3 |
| **26** M | 0636 | 3.0 | 91 |
| | 1139 | 1.8 | 55 |
| | 1713 | 3.3 | 101 |
| **27** Tu ◑ | 0039 | 0.3 | 9 |
| | 0728 | 3.0 | 91 |
| | 1255 | 1.7 | 52 |
| | 1828 | 3.0 | 91 |
| **28** W | 0135 | 0.6 | 18 |
| | 0820 | 3.1 | 94 |
| | 1421 | 1.5 | 46 |
| | 2012 | 2.8 | 85 |
| **29** Th | 0235 | 0.9 | 27 |
| | 0909 | 3.2 | 98 |
| | 1540 | 1.0 | 30 |
| | 2155 | 2.9 | 88 |
| **30** F | 0335 | 1.1 | 34 |
| | 0954 | 3.4 | 104 |
| | 1647 | 0.4 | 12 |
| | 2316 | 3.1 | 94 |
| **31** Sa | 0433 | 1.4 | 43 |
| | 1036 | 3.6 | 110 |
| | 1745 | −0.1 | −3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0023 | 3.3 | 101 |
| | 0526 | 1.6 | 49 |
| | 1119 | 3.8 | 116 |
| | 1838 | −0.6 | −18 |
| **2** M | 0121 | 3.4 | 104 |
| | 0615 | 1.8 | 55 |
| | 1202 | 4.1 | 125 |
| | 1930 | −1.0 | −30 |
| **3** Tu ● | 0213 | 3.5 | 107 |
| | 0700 | 1.8 | 55 |
| | 1246 | 4.3 | 131 |
| | 2020 | −1.1 | −34 |
| **4** W | 0303 | 3.4 | 104 |
| | 0744 | 1.9 | 58 |
| | 1331 | 4.4 | 134 |
| | 2109 | −1.1 | −34 |
| **5** Th | 0349 | 3.3 | 101 |
| | 0827 | 1.8 | 55 |
| | 1417 | 4.4 | 134 |
| | 2156 | −0.9 | −27 |
| **6** F | 0433 | 3.2 | 98 |
| | 0911 | 1.8 | 55 |
| | 1503 | 4.2 | 128 |
| | 2241 | −0.6 | −18 |
| **7** Sa | 0516 | 3.0 | 91 |
| | 1000 | 1.7 | 52 |
| | 1551 | 3.9 | 119 |
| | 2325 | −0.1 | −3 |
| **8** Su | 0559 | 2.9 | 88 |
| | 1055 | 1.7 | 52 |
| | 1643 | 3.5 | 107 |
| **9** M | 0008 | 0.4 | 12 |
| | 0642 | 2.9 | 88 |
| | 1202 | 1.6 | 49 |
| | 1745 | 3.1 | 94 |
| **10** Tu ◐ | 0050 | 0.9 | 27 |
| | 0727 | 2.9 | 88 |
| | 1324 | 1.5 | 46 |
| | 1911 | 2.6 | 79 |
| **11** W | 0134 | 1.3 | 40 |
| | 0816 | 3.0 | 91 |
| | 1454 | 1.2 | 37 |
| | 2106 | 2.4 | 73 |
| **12** Th | 0224 | 1.7 | 52 |
| | 0908 | 3.1 | 94 |
| | 1614 | 0.9 | 27 |
| | 2246 | 2.4 | 73 |
| **13** F | 0320 | 1.9 | 58 |
| | 0958 | 3.2 | 98 |
| | 1717 | 0.5 | 15 |
| | 2353 | 2.6 | 79 |
| **14** Sa | 0417 | 2.0 | 61 |
| | 1046 | 3.3 | 101 |
| | 1807 | 0.3 | 9 |
| **15** Su | 0040 | 2.7 | 82 |
| | 0509 | 2.0 | 61 |
| | 1129 | 3.5 | 107 |
| | 1850 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0119 | 2.9 | 88 |
| | 0554 | 2.0 | 61 |
| | 1209 | 3.6 | 110 |
| | 1929 | −0.1 | −3 |
| **17** Tu | 0154 | 3.0 | 91 |
| | 0636 | 1.9 | 58 |
| | 1245 | 3.7 | 113 |
| | 2006 | −0.2 | −6 |
| **18** W ○ | 0227 | 3.1 | 94 |
| | 0715 | 1.8 | 55 |
| | 1319 | 3.8 | 116 |
| | 2039 | −0.3 | −9 |
| **19** Th | 0300 | 3.2 | 98 |
| | 0753 | 1.7 | 52 |
| | 1351 | 3.8 | 116 |
| | 2110 | −0.3 | −9 |
| **20** F | 0333 | 3.2 | 98 |
| | 0830 | 1.6 | 49 |
| | 1423 | 3.9 | 119 |
| | 2140 | −0.3 | −9 |
| **21** Sa | 0406 | 3.3 | 101 |
| | 0909 | 1.6 | 49 |
| | 1458 | 3.9 | 119 |
| | 2210 | −0.3 | −9 |
| **22** Su | 0439 | 3.3 | 101 |
| | 0950 | 1.5 | 46 |
| | 1536 | 3.8 | 116 |
| | 2241 | −0.2 | −6 |
| **23** M | 0512 | 3.4 | 104 |
| | 1035 | 1.5 | 46 |
| | 1619 | 3.6 | 110 |
| | 2316 | 0.1 | 3 |
| **24** Tu | 0546 | 3.4 | 104 |
| | 1126 | 1.4 | 43 |
| | 1712 | 3.4 | 104 |
| | 2355 | 0.4 | 12 |
| **25** W | 0622 | 3.4 | 104 |
| | 1228 | 1.2 | 37 |
| | 1820 | 3.1 | 94 |
| **26** Th ◑ | 0040 | 0.8 | 24 |
| | 0702 | 3.4 | 104 |
| | 1340 | 1.0 | 30 |
| | 1950 | 2.9 | 88 |
| **27** F | 0132 | 1.2 | 37 |
| | 0748 | 3.5 | 107 |
| | 1501 | 0.6 | 18 |
| | 2134 | 2.8 | 85 |
| **28** Sa | 0234 | 1.6 | 49 |
| | 0841 | 3.6 | 110 |
| | 1619 | 0.2 | 6 |
| | 2306 | 2.9 | 88 |
| **29** Su | 0341 | 1.9 | 58 |
| | 0941 | 3.7 | 113 |
| | 1729 | −0.2 | −6 |
| **30** M | 0019 | 3.1 | 94 |
| | 0448 | 2.1 | 64 |
| | 1043 | 3.9 | 119 |
| | 1830 | −0.6 | −18 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# St. Marks River Entrance, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0118 | 3.3 | 101 | 16 W | 0142 | 3.0 | 91 |
| | 0549 | 2.1 | 64 | | 0623 | 2.0 | 61 |
| | 1143 | 4.1 | 125 | | 1235 | 3.7 | 113 |
| | 1925 | −0.9 | −27 | | 1951 | −0.1 | −3 |
| 2 W ● | 0208 | 3.4 | 104 | 17 Th | 0213 | 3.1 | 94 |
| | 0645 | 2.0 | 61 | | 0706 | 1.8 | 55 |
| | 1239 | 4.3 | 131 | | 1311 | 3.8 | 116 |
| | 2015 | −1.0 | −30 | | 2022 | −0.2 | −6 |
| 3 Th | 0253 | 3.4 | 104 | 18 F ○ | 0242 | 3.3 | 101 |
| | 0736 | 1.9 | 58 | | 0745 | 1.7 | 52 |
| | 1331 | 4.4 | 134 | | 1344 | 3.9 | 119 |
| | 2101 | −0.9 | −27 | | 2050 | −0.3 | −9 |
| 4 F | 0333 | 3.4 | 104 | 19 Sa | 0310 | 3.4 | 104 |
| | 0824 | 1.7 | 52 | | 0822 | 1.5 | 46 |
| | 1421 | 4.3 | 131 | | 1418 | 4.0 | 122 |
| | 2142 | −0.7 | −21 | | 2116 | −0.3 | −9 |
| 5 Sa | 0409 | 3.3 | 101 | 20 Su | 0337 | 3.5 | 107 |
| | 0911 | 1.5 | 46 | | 0900 | 1.3 | 40 |
| | 1508 | 4.2 | 128 | | 1454 | 4.0 | 122 |
| | 2219 | −0.3 | −9 | | 2143 | −0.2 | −6 |
| 6 Su | 0442 | 3.3 | 101 | 21 M | 0403 | 3.6 | 110 |
| | 0959 | 1.3 | 40 | | 0938 | 1.1 | 34 |
| | 1554 | 3.9 | 119 | | 1533 | 3.9 | 119 |
| | 2252 | 0.2 | 6 | | 2211 | 0.0 | 0 |
| 7 M | 0512 | 3.3 | 101 | 22 Tu | 0428 | 3.7 | 113 |
| | 1048 | 1.2 | 37 | | 1019 | 1.0 | 30 |
| | 1642 | 3.5 | 107 | | 1618 | 3.8 | 116 |
| | 2321 | 0.7 | 21 | | 2241 | 0.3 | 9 |
| 8 Tu | 0541 | 3.2 | 98 | 23 W | 0455 | 3.7 | 113 |
| | 1143 | 1.1 | 34 | | 1105 | 0.8 | 24 |
| | 1734 | 3.1 | 94 | | 1709 | 3.5 | 107 |
| | 2347 | 1.1 | 34 | | 2316 | 0.7 | 21 |
| 9 W ◐ | 0610 | 3.2 | 98 | 24 Th | 0525 | 3.7 | 113 |
| | 1246 | 1.1 | 34 | | 1200 | 0.7 | 21 |
| | 1840 | 2.6 | 79 | | 1813 | 3.2 | 98 |
| | | | | | 2355 | 1.1 | 34 |
| 10 Th | 0012 | 1.5 | 46 | 25 F ◑ | 0600 | 3.7 | 113 |
| | 0642 | 3.2 | 98 | | 1308 | 0.6 | 18 |
| | 1403 | 1.1 | 34 | | 1937 | 2.8 | 85 |
| | 2013 | 2.4 | 73 | | | | |
| 11 F | 0043 | 1.8 | 55 | 26 Sa | 0042 | 1.6 | 49 |
| | 0725 | 3.2 | 98 | | 0644 | 3.7 | 113 |
| | 1530 | 0.9 | 27 | | 1433 | 0.4 | 12 |
| | 2211 | 2.3 | 70 | | 2124 | 2.7 | 82 |
| 12 Sa | 0132 | 2.1 | 64 | 27 Su | 0143 | 2.0 | 61 |
| | 0830 | 3.1 | 94 | | 0744 | 3.7 | 113 |
| | 1648 | 0.7 | 21 | | 1603 | 0.2 | 6 |
| | 2340 | 2.4 | 73 | | 2303 | 2.8 | 85 |
| 13 Su | 0252 | 2.2 | 67 | 28 M | 0301 | 2.2 | 67 |
| | 0953 | 3.2 | 98 | | 0904 | 3.7 | 113 |
| | 1748 | 0.5 | 15 | | 1721 | −0.2 | −6 |
| 14 M | 0032 | 2.6 | 79 | 29 Tu | 0015 | 3.0 | 91 |
| | 0422 | 2.3 | 70 | | 0426 | 2.3 | 70 |
| | 1102 | 3.3 | 101 | | 1030 | 3.9 | 119 |
| | 1836 | 0.2 | 6 | | 1824 | −0.4 | −12 |
| 15 Tu | 0109 | 2.8 | 85 | 30 W | 0108 | 3.2 | 98 |
| | 0531 | 2.1 | 64 | | 0539 | 2.1 | 64 |
| | 1154 | 3.5 | 107 | | 1142 | 4.1 | 125 |
| | 1917 | 0.0 | 0 | | 1917 | −0.6 | −18 |
| | | | | 31 Th | 0151 | 3.3 | 101 |
| | | | | | 0640 | 1.8 | 55 |
| | | | | | 1242 | 4.2 | 128 |
| | | | | | 2002 | −0.6 | −18 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 F ● | 0227 | 3.4 | 104 | 16 Sa ○ | 0209 | 3.4 | 104 |
| | 0731 | 1.5 | 46 | | 0732 | 1.4 | 43 |
| | 1334 | 4.3 | 131 | | 1335 | 4.0 | 122 |
| | 2042 | −0.5 | −15 | | 2020 | 0.0 | 0 |
| 2 Sa | 0300 | 3.5 | 107 | 17 Su | 0233 | 3.6 | 110 |
| | 0818 | 1.2 | 37 | | 0807 | 1.1 | 34 |
| | 1422 | 4.3 | 131 | | 1411 | 4.1 | 125 |
| | 2116 | −0.2 | −6 | | 2045 | 0.1 | 3 |
| 3 Su | 0330 | 3.5 | 107 | 18 M | 0255 | 3.7 | 113 |
| | 0902 | 1.0 | 30 | | 0843 | 0.8 | 24 |
| | 1505 | 4.1 | 125 | | 1449 | 4.1 | 125 |
| | 2146 | 0.2 | 6 | | 2111 | 0.2 | 6 |
| 4 M | 0356 | 3.6 | 110 | 19 Tu | 0317 | 3.8 | 116 |
| | 0945 | 0.8 | 24 | | 0920 | 0.6 | 18 |
| | 1547 | 3.8 | 116 | | 1530 | 4.0 | 122 |
| | 2211 | 0.6 | 18 | | 2138 | 0.5 | 15 |
| 5 Tu | 0419 | 3.6 | 110 | 20 W | 0340 | 3.9 | 119 |
| | 1028 | 0.8 | 24 | | 1000 | 0.4 | 12 |
| | 1630 | 3.5 | 107 | | 1615 | 3.8 | 116 |
| | 2232 | 1.0 | 30 | | 2208 | 0.8 | 24 |
| 6 W | 0440 | 3.5 | 107 | 21 Th | 0406 | 4.0 | 122 |
| | 1113 | 0.8 | 24 | | 1044 | 0.3 | 9 |
| | 1714 | 3.1 | 94 | | 1706 | 3.5 | 107 |
| | 2252 | 1.3 | 40 | | 2240 | 1.2 | 37 |
| 7 Th | 0501 | 3.5 | 107 | 22 F | 0435 | 4.0 | 122 |
| | 1204 | 0.9 | 27 | | 1138 | 0.3 | 9 |
| | 1807 | 2.7 | 82 | | 1808 | 3.1 | 94 |
| | 2313 | 1.7 | 52 | | 2317 | 1.6 | 49 |
| 8 F ◐ | 0524 | 3.4 | 104 | 23 Sa ◑ | 0512 | 4.0 | 122 |
| | 1310 | 1.0 | 30 | | 1247 | 0.4 | 12 |
| | 1921 | 2.4 | 73 | | 1933 | 2.8 | 85 |
| | 2339 | 1.9 | 58 | | | | |
| 9 Sa | 0555 | 3.3 | 101 | 24 Su | 0002 | 1.9 | 58 |
| | 1440 | 1.0 | 30 | | 0559 | 3.9 | 119 |
| | 2121 | 2.3 | 70 | | 1419 | 0.4 | 12 |
| | | | | | 2124 | 2.7 | 82 |
| 10 Su | 0017 | 2.2 | 67 | 25 M | 0108 | 2.2 | 67 |
| | 0648 | 3.1 | 94 | | 0709 | 3.7 | 113 |
| | 1615 | 0.9 | 27 | | 1556 | 0.3 | 9 |
| | 2320 | 2.4 | 73 | | 2300 | 2.8 | 85 |
| 11 M | 0147 | 2.3 | 70 | 26 Tu | 0246 | 2.4 | 73 |
| | 0857 | 3.1 | 94 | | 0857 | 3.6 | 110 |
| | 1725 | 0.7 | 21 | | 1714 | 0.1 | 3 |
| 12 Tu | 0013 | 2.6 | 79 | 27 W | 0000 | 3.0 | 91 |
| | 0357 | 2.4 | 73 | | 0426 | 2.2 | 67 |
| | 1045 | 3.2 | 98 | | 1038 | 3.8 | 116 |
| | 1814 | 0.4 | 12 | | 1812 | −0.1 | −3 |
| 13 W | 0047 | 2.9 | 88 | 28 Th | 0043 | 3.3 | 101 |
| | 0521 | 2.2 | 67 | | 0540 | 1.8 | 55 |
| | 1141 | 3.5 | 107 | | 1150 | 4.0 | 122 |
| | 1853 | 0.2 | 6 | | 1859 | −0.1 | −3 |
| 14 Th | 0116 | 3.1 | 94 | 29 F | 0118 | 3.4 | 104 |
| | 0613 | 1.9 | 58 | | 0636 | 1.4 | 43 |
| | 1223 | 3.7 | 113 | | 1245 | 4.2 | 128 |
| | 1925 | 0.1 | 3 | | 1938 | 0.0 | 0 |
| 15 F | 0144 | 3.3 | 101 | 30 Sa ● | 0149 | 3.6 | 110 |
| | 0655 | 1.7 | 52 | | 0723 | 1.0 | 30 |
| | 1259 | 3.9 | 119 | | 1333 | 4.2 | 128 |
| | 1953 | 0.0 | 0 | | 2011 | 0.2 | 6 |
| | | | | 31 Su | 0217 | 3.7 | 113 |
| | | | | | 0805 | 0.7 | 21 |
| | | | | | 1416 | 4.1 | 125 |
| | | | | | 2040 | 0.5 | 15 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0243 | 3.8 | 116 | 16 Tu | 0207 | 3.9 | 119 |
| | 0845 | 0.5 | 15 | | 0822 | 0.2 | 6 |
| | 1456 | 4.0 | 122 | | 1443 | 4.1 | 125 |
| | 2105 | 0.8 | 24 | | 2038 | 0.8 | 24 |
| 2 Tu | 0306 | 3.8 | 116 | 17 W | 0229 | 4.0 | 122 |
| | 0923 | 0.4 | 12 | | 0901 | 0.0 | 0 |
| | 1534 | 3.8 | 116 | | 1527 | 4.0 | 122 |
| | 2127 | 1.1 | 34 | | 2106 | 1.1 | 34 |
| 3 W | 0326 | 3.8 | 116 | 18 Th | 0254 | 4.1 | 125 |
| | 1000 | 0.4 | 12 | | 0942 | −0.2 | −6 |
| | 1612 | 3.5 | 107 | | 1613 | 3.8 | 116 |
| | 2148 | 1.3 | 40 | | 2137 | 1.4 | 43 |
| 4 Th | 0345 | 3.7 | 113 | 19 F | 0323 | 4.2 | 128 |
| | 1039 | 0.5 | 15 | | 1029 | −0.1 | −3 |
| | 1652 | 3.2 | 98 | | 1706 | 3.4 | 104 |
| | 2209 | 1.6 | 49 | | 2210 | 1.6 | 49 |
| 5 F | 0406 | 3.6 | 110 | 20 Sa | 0356 | 4.2 | 128 |
| | 1124 | 0.7 | 21 | | 1125 | 0.0 | 0 |
| | 1739 | 2.9 | 88 | | 1810 | 3.0 | 91 |
| | 2233 | 1.8 | 55 | | 2248 | 1.9 | 58 |
| 6 Sa | 0429 | 3.5 | 107 | 21 Su | 0437 | 4.0 | 122 |
| | 1222 | 0.9 | 27 | | 1238 | 0.3 | 9 |
| | 1843 | 2.6 | 79 | | 1936 | 2.7 | 82 |
| | 2303 | 2.0 | 61 | | 2338 | 2.2 | 67 |
| 7 Su ◐ | 0500 | 3.3 | 101 | 22 M ◑ | 0532 | 3.8 | 116 |
| | 1348 | 1.1 | 34 | | 1412 | 0.5 | 15 |
| | 2029 | 2.4 | 73 | | 2121 | 2.7 | 82 |
| | 2348 | 2.2 | 67 | | | | |
| 8 M | 0548 | 3.1 | 94 | 23 Tu | 0101 | 2.3 | 70 |
| | 1530 | 1.1 | 34 | | 0700 | 3.5 | 107 |
| | 2232 | 2.5 | 76 | | 1544 | 0.5 | 15 |
| | | | | | 2239 | 2.9 | 88 |
| 9 Tu | 0129 | 2.4 | 73 | 24 W | 0258 | 2.2 | 67 |
| | 0758 | 3.0 | 91 | | 0914 | 3.4 | 104 |
| | 1645 | 0.9 | 27 | | 1655 | 0.4 | 12 |
| | 2331 | 2.8 | 85 | | 2327 | 3.1 | 94 |
| 10 W | 0349 | 2.3 | 70 | 25 Th | 0433 | 1.8 | 55 |
| | 1019 | 3.1 | 94 | | 1049 | 3.6 | 110 |
| | 1735 | 0.6 | 18 | | 1748 | 0.4 | 12 |
| 11 Th | 0006 | 3.0 | 91 | 26 F | 0004 | 3.3 | 101 |
| | 0508 | 2.1 | 64 | | 0537 | 1.3 | 40 |
| | 1119 | 3.4 | 104 | | 1153 | 3.8 | 116 |
| | 1814 | 0.5 | 15 | | 1829 | 0.5 | 15 |
| 12 F | 0034 | 3.2 | 98 | 27 Sa | 0036 | 3.5 | 107 |
| | 0556 | 1.7 | 52 | | 0626 | 0.9 | 27 |
| | 1203 | 3.7 | 113 | | 1243 | 3.9 | 119 |
| | 1846 | 0.4 | 12 | | 1904 | 0.6 | 18 |
| 13 Sa | 0100 | 3.4 | 104 | 28 Su | 0104 | 3.7 | 113 |
| | 0635 | 1.3 | 40 | | 0709 | 0.5 | 15 |
| | 1243 | 3.9 | 119 | | 1326 | 3.9 | 119 |
| | 1915 | 0.3 | 9 | | 1933 | 0.8 | 24 |
| 14 Su | 0123 | 3.6 | 110 | 29 M ● | 0131 | 3.8 | 116 |
| | 0711 | 0.9 | 27 | | 0748 | 0.2 | 6 |
| | 1322 | 4.0 | 122 | | 1406 | 3.9 | 119 |
| | 1942 | 0.4 | 12 | | 1959 | 1.1 | 34 |
| 15 M ○ | 0145 | 3.7 | 113 | 30 Tu | 0155 | 3.9 | 119 |
| | 0746 | 0.6 | 18 | | 0824 | 0.1 | 3 |
| | 1402 | 4.1 | 125 | | 1443 | 3.8 | 116 |
| | 2010 | 0.6 | 18 | | 2023 | 1.2 | 37 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# St. Marks River Entrance, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0217 | 3.9 | 119 |
| | 0859 | 0.0 | 0 |
| | 1518 | 3.6 | 110 |
| | 2046 | 1.4 | 43 |
| **2** Th | 0238 | 3.8 | 116 |
| | 0934 | 0.1 | 3 |
| | 1554 | 3.4 | 104 |
| | 2110 | 1.5 | 46 |
| **3** F | 0300 | 3.8 | 116 |
| | 1011 | 0.3 | 9 |
| | 1633 | 3.2 | 98 |
| | 2137 | 1.7 | 52 |
| **4** Sa | 0325 | 3.6 | 110 |
| | 1052 | 0.5 | 15 |
| | 1718 | 3.0 | 91 |
| | 2208 | 1.8 | 55 |
| **5** Su | 0353 | 3.5 | 107 |
| | 1145 | 0.8 | 24 |
| | 1817 | 2.7 | 82 |
| | 2246 | 2.0 | 61 |
| **6** M | 0429 | 3.3 | 101 |
| | 1257 | 1.0 | 30 |
| | 1944 | 2.6 | 79 |
| | 2344 | 2.2 | 67 |
| **7** Tu ◐ | 0521 | 3.1 | 94 |
| | 1426 | 1.0 | 30 |
| | 2124 | 2.6 | 79 |
| **8** W | 0131 | 2.3 | 70 |
| | 0715 | 2.9 | 88 |
| | 1542 | 0.9 | 27 |
| | 2228 | 2.8 | 85 |
| **9** Th | 0329 | 2.1 | 64 |
| | 0936 | 3.0 | 91 |
| | 1637 | 0.8 | 24 |
| | 2308 | 3.1 | 94 |
| **10** F | 0440 | 1.7 | 52 |
| | 1047 | 3.2 | 98 |
| | 1720 | 0.7 | 21 |
| | 2339 | 3.3 | 101 |
| **11** Sa | 0528 | 1.3 | 40 |
| | 1139 | 3.5 | 107 |
| | 1757 | 0.7 | 21 |
| **12** Su | 0005 | 3.4 | 104 |
| | 0608 | 0.8 | 24 |
| | 1226 | 3.7 | 113 |
| | 1830 | 0.8 | 24 |
| **13** M | 0029 | 3.6 | 110 |
| | 0646 | 0.3 | 9 |
| | 1310 | 3.9 | 119 |
| | 1903 | 0.9 | 27 |
| **14** Tu ○ | 0053 | 3.8 | 116 |
| | 0725 | −0.1 | −3 |
| | 1355 | 4.0 | 122 |
| | 1934 | 1.1 | 34 |
| **15** W | 0119 | 4.0 | 122 |
| | 0804 | −0.4 | −12 |
| | 1440 | 4.0 | 122 |
| | 2006 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0146 | 4.1 | 125 |
| | 0846 | −0.6 | −18 |
| | 1526 | 3.8 | 116 |
| | 2038 | 1.5 | 46 |
| **17** F | 0217 | 4.2 | 128 |
| | 0932 | −0.6 | −18 |
| | 1614 | 3.5 | 107 |
| | 2112 | 1.7 | 52 |
| **18** Sa | 0252 | 4.2 | 128 |
| | 1022 | −0.5 | −15 |
| | 1708 | 3.2 | 98 |
| | 2149 | 1.9 | 58 |
| **19** Su | 0332 | 4.1 | 125 |
| | 1120 | −0.2 | −6 |
| | 1811 | 2.9 | 88 |
| | 2233 | 2.0 | 61 |
| **20** M | 0420 | 3.9 | 119 |
| | 1231 | 0.2 | 6 |
| | 1928 | 2.7 | 82 |
| | 2338 | 2.1 | 64 |
| **21** Tu ◑ | 0525 | 3.5 | 107 |
| | 1354 | 0.5 | 15 |
| | 2051 | 2.7 | 82 |
| **22** W | 0117 | 2.1 | 64 |
| | 0713 | 3.1 | 94 |
| | 1515 | 0.7 | 21 |
| | 2155 | 2.9 | 88 |
| **23** Th | 0309 | 1.8 | 55 |
| | 0926 | 3.1 | 94 |
| | 1620 | 0.8 | 24 |
| | 2241 | 3.1 | 94 |
| **24** F | 0429 | 1.3 | 40 |
| | 1051 | 3.2 | 98 |
| | 1711 | 0.9 | 27 |
| | 2317 | 3.3 | 101 |
| **25** Sa | 0526 | 0.7 | 21 |
| | 1150 | 3.4 | 104 |
| | 1750 | 1.1 | 34 |
| | 2349 | 3.5 | 107 |
| **26** Su | 0612 | 0.3 | 9 |
| | 1237 | 3.5 | 107 |
| | 1823 | 1.2 | 37 |
| **27** M | 0018 | 3.6 | 110 |
| | 0652 | 0.0 | 0 |
| | 1318 | 3.5 | 107 |
| | 1852 | 1.3 | 40 |
| **28** Tu ● | 0046 | 3.7 | 113 |
| | 0730 | −0.2 | −6 |
| | 1355 | 3.5 | 107 |
| | 1919 | 1.4 | 43 |
| **29** W | 0112 | 3.7 | 113 |
| | 0806 | −0.3 | −9 |
| | 1430 | 3.4 | 104 |
| | 1946 | 1.5 | 46 |
| **30** Th | 0137 | 3.7 | 113 |
| | 0840 | −0.2 | −6 |
| | 1504 | 3.4 | 104 |
| | 2014 | 1.5 | 46 |
| **31** F | 0203 | 3.7 | 113 |
| | 0915 | −0.1 | −3 |
| | 1540 | 3.2 | 98 |
| | 2044 | 1.6 | 49 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0230 | 3.6 | 110 |
| | 0951 | 0.0 | 0 |
| | 1618 | 3.1 | 94 |
| | 2117 | 1.6 | 49 |
| **2** Su | 0300 | 3.5 | 107 |
| | 1030 | 0.2 | 6 |
| | 1702 | 2.9 | 88 |
| | 2154 | 1.7 | 52 |
| **3** M | 0334 | 3.4 | 104 |
| | 1116 | 0.4 | 12 |
| | 1753 | 2.8 | 85 |
| | 2241 | 1.8 | 55 |
| **4** Tu | 0415 | 3.2 | 98 |
| | 1210 | 0.6 | 18 |
| | 1857 | 2.7 | 82 |
| | 2345 | 1.9 | 58 |
| **5** W ◐ | 0511 | 2.9 | 88 |
| | 1314 | 0.7 | 21 |
| | 2008 | 2.7 | 82 |
| **6** Th | 0115 | 1.9 | 58 |
| | 0644 | 2.7 | 82 |
| | 1422 | 0.8 | 24 |
| | 2109 | 2.8 | 85 |
| **7** F | 0249 | 1.7 | 52 |
| | 0845 | 2.7 | 82 |
| | 1523 | 0.8 | 24 |
| | 2155 | 3.0 | 91 |
| **8** Sa | 0400 | 1.2 | 37 |
| | 1012 | 2.9 | 88 |
| | 1616 | 0.9 | 27 |
| | 2232 | 3.2 | 98 |
| **9** Su | 0453 | 0.7 | 21 |
| | 1116 | 3.2 | 98 |
| | 1703 | 1.0 | 30 |
| | 2304 | 3.3 | 101 |
| **10** M | 0540 | 0.1 | 3 |
| | 1211 | 3.4 | 104 |
| | 1745 | 1.2 | 37 |
| | 2334 | 3.5 | 107 |
| **11** Tu | 0623 | −0.4 | −12 |
| | 1302 | 3.6 | 110 |
| | 1825 | 1.3 | 40 |
| **12** W | 0006 | 3.7 | 113 |
| | 0708 | −0.8 | −24 |
| | 1350 | 3.7 | 113 |
| | 1902 | 1.5 | 46 |
| **13** Th ○ | 0039 | 3.9 | 119 |
| | 0753 | −1.0 | −30 |
| | 1438 | 3.6 | 110 |
| | 1940 | 1.6 | 49 |
| **14** F | 0116 | 4.1 | 125 |
| | 0840 | −1.1 | −34 |
| | 1526 | 3.5 | 107 |
| | 2018 | 1.7 | 52 |
| **15** Sa | 0156 | 4.1 | 125 |
| | 0929 | −1.0 | −30 |
| | 1614 | 3.2 | 98 |
| | 2057 | 1.7 | 52 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0239 | 4.1 | 125 |
| | 1019 | −0.8 | −24 |
| | 1704 | 3.0 | 91 |
| | 2142 | 1.7 | 52 |
| **17** M | 0326 | 3.9 | 119 |
| | 1113 | −0.4 | −12 |
| | 1758 | 2.8 | 85 |
| | 2236 | 1.7 | 52 |
| **18** Tu | 0421 | 3.5 | 107 |
| | 1211 | 0.1 | 3 |
| | 1855 | 2.7 | 82 |
| | 2348 | 1.7 | 52 |
| **19** W ◑ | 0532 | 3.1 | 94 |
| | 1314 | 0.5 | 15 |
| | 1955 | 2.7 | 82 |
| **20** Th | 0120 | 1.5 | 46 |
| | 0718 | 2.7 | 82 |
| | 1421 | 0.9 | 27 |
| | 2052 | 2.7 | 82 |
| **21** F | 0256 | 1.1 | 34 |
| | 0920 | 2.6 | 79 |
| | 1524 | 1.2 | 37 |
| | 2141 | 2.9 | 88 |
| **22** Sa | 0412 | 0.6 | 18 |
| | 1047 | 2.7 | 82 |
| | 1618 | 1.4 | 43 |
| | 2223 | 3.1 | 94 |
| **23** Su | 0510 | 0.2 | 6 |
| | 1147 | 2.8 | 85 |
| | 1703 | 1.5 | 46 |
| | 2301 | 3.2 | 98 |
| **24** M | 0556 | −0.2 | −6 |
| | 1233 | 2.9 | 88 |
| | 1741 | 1.6 | 49 |
| | 2336 | 3.3 | 101 |
| **25** Tu | 0638 | −0.4 | −12 |
| | 1312 | 3.0 | 91 |
| | 1815 | 1.6 | 49 |
| **26** W | 0009 | 3.4 | 104 |
| | 0716 | −0.5 | −15 |
| | 1347 | 3.0 | 91 |
| | 1848 | 1.6 | 49 |
| **27** Th ● | 0041 | 3.4 | 104 |
| | 0753 | −0.5 | −15 |
| | 1420 | 3.0 | 91 |
| | 1921 | 1.5 | 46 |
| **28** F | 0113 | 3.4 | 104 |
| | 0828 | −0.5 | −15 |
| | 1454 | 3.0 | 91 |
| | 1955 | 1.4 | 43 |
| **29** Sa | 0144 | 3.4 | 104 |
| | 0903 | −0.4 | −12 |
| | 1528 | 3.0 | 91 |
| | 2030 | 1.4 | 43 |
| **30** Su | 0216 | 3.4 | 104 |
| | 0937 | −0.3 | −9 |
| | 1604 | 3.0 | 91 |
| | 2108 | 1.4 | 43 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0250 | 3.3 | 101 |
| | 1011 | −0.2 | −6 |
| | 1642 | 2.9 | 88 |
| | 2149 | 1.4 | 43 |
| **2** Tu | 0326 | 3.2 | 98 |
| | 1047 | −0.1 | −3 |
| | 1723 | 2.9 | 88 |
| | 2236 | 1.4 | 43 |
| **3** W | 0409 | 3.0 | 91 |
| | 1126 | 0.1 | 3 |
| | 1806 | 2.8 | 85 |
| | 2333 | 1.4 | 43 |
| **4** Th | 0504 | 2.8 | 85 |
| | 1212 | 0.3 | 9 |
| | 1852 | 2.8 | 85 |
| **5** F ◐ | 0042 | 1.3 | 40 |
| | 0619 | 2.6 | 79 |
| | 1305 | 0.5 | 15 |
| | 1940 | 2.8 | 85 |
| **6** Sa | 0200 | 1.0 | 30 |
| | 0800 | 2.4 | 73 |
| | 1405 | 0.8 | 24 |
| | 2028 | 2.9 | 88 |
| **7** Su | 0314 | 0.6 | 18 |
| | 0939 | 2.5 | 76 |
| | 1507 | 1.1 | 34 |
| | 2114 | 3.0 | 91 |
| **8** M | 0418 | 0.1 | 3 |
| | 1058 | 2.8 | 85 |
| | 1607 | 1.3 | 40 |
| | 2159 | 3.2 | 98 |
| **9** Tu | 0515 | −0.4 | −12 |
| | 1202 | 3.0 | 91 |
| | 1702 | 1.5 | 46 |
| | 2244 | 3.4 | 104 |
| **10** W | 0607 | −0.9 | −27 |
| | 1257 | 3.2 | 98 |
| | 1753 | 1.6 | 49 |
| | 2329 | 3.6 | 110 |
| **11** Th | 0658 | −1.3 | −40 |
| | 1348 | 3.3 | 101 |
| | 1839 | 1.6 | 49 |
| **12** F ○ | 0016 | 3.8 | 116 |
| | 0748 | −1.4 | −43 |
| | 1436 | 3.3 | 101 |
| | 1924 | 1.6 | 49 |
| **13** Sa | 0104 | 3.9 | 119 |
| | 0837 | −1.5 | −46 |
| | 1521 | 3.2 | 98 |
| | 2009 | 1.5 | 46 |
| **14** Su | 0152 | 3.9 | 119 |
| | 0924 | −1.3 | −40 |
| | 1604 | 3.0 | 91 |
| | 2055 | 1.3 | 40 |
| **15** M | 0241 | 3.8 | 116 |
| | 1010 | −1.0 | −30 |
| | 1645 | 2.9 | 88 |
| | 2144 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0332 | 3.5 | 107 |
| | 1053 | −0.5 | −15 |
| | 1724 | 2.8 | 85 |
| | 2239 | 1.1 | 34 |
| **17** W | 0428 | 3.1 | 94 |
| | 1135 | 0.0 | 0 |
| | 1803 | 2.7 | 82 |
| | 2343 | 1.0 | 30 |
| **18** Th | 0533 | 2.7 | 82 |
| | 1217 | 0.5 | 15 |
| | 1843 | 2.6 | 79 |
| **19** F ◑ | 0059 | 0.8 | 24 |
| | 0700 | 2.3 | 70 |
| | 1300 | 1.0 | 30 |
| | 1928 | 2.7 | 82 |
| **20** Sa | 0224 | 0.5 | 15 |
| | 0857 | 2.1 | 64 |
| | 1351 | 1.4 | 43 |
| | 2019 | 2.7 | 82 |
| **21** Su | 0344 | 0.2 | 6 |
| | 1041 | 2.1 | 64 |
| | 1454 | 1.7 | 52 |
| | 2115 | 2.8 | 85 |
| **22** M | 0450 | −0.1 | −3 |
| | 1148 | 2.3 | 70 |
| | 1602 | 1.8 | 55 |
| | 2212 | 2.8 | 85 |
| **23** Tu | 0543 | −0.3 | −9 |
| | 1233 | 2.4 | 73 |
| | 1701 | 1.8 | 55 |
| | 2303 | 2.9 | 88 |
| **24** W | 0628 | −0.5 | −15 |
| | 1309 | 2.6 | 79 |
| | 1750 | 1.7 | 52 |
| | 2348 | 3.0 | 91 |
| **25** Th | 0708 | −0.6 | −18 |
| | 1341 | 2.7 | 82 |
| | 1832 | 1.5 | 46 |
| **26** F | 0029 | 3.1 | 94 |
| | 0745 | −0.7 | −21 |
| | 1412 | 2.8 | 85 |
| | 1911 | 1.4 | 43 |
| **27** Sa ● | 0105 | 3.2 | 98 |
| | 0819 | −0.7 | −21 |
| | 1443 | 2.8 | 85 |
| | 1948 | 1.2 | 37 |
| **28** Su | 0139 | 3.2 | 98 |
| | 0850 | −0.7 | −21 |
| | 1514 | 2.9 | 88 |
| | 2025 | 1.1 | 34 |
| **29** M | 0213 | 3.2 | 98 |
| | 0919 | −0.7 | −21 |
| | 1544 | 3.0 | 91 |
| | 2102 | 1.0 | 30 |
| **30** Tu | 0246 | 3.2 | 98 |
| | 0946 | −0.6 | −18 |
| | 1614 | 3.0 | 91 |
| | 2141 | 0.9 | 27 |
| **31** W | 0323 | 3.1 | 94 |
| | 1015 | −0.5 | −15 |
| | 1644 | 3.0 | 91 |
| | 2223 | 0.8 | 24 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Apalachicola, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0506 | 0.0 | 0 |
| | 1153 | 0.7 | 21 |
| | 1439 | 0.6 | 18 |
| | 2121 | 1.3 | 40 |
| **2** W | 0610 | −0.2 | −6 |
| | 2152 | 1.3 | 40 |
| **3** Th | 0707 | −0.4 | −12 |
| | 2229 | 1.3 | 40 |
| **4** F | 0758 | −0.5 | −15 |
| | 2314 | 1.3 | 40 |
| **5** Sa | 0844 | −0.6 | −18 |
| | 1700 | 1.1 | 34 |
| | 1939 | 1.0 | 30 |
| **6** Su | 0006 | 1.4 | 43 |
| | 0925 | −0.6 | −18 |
| | 1723 | 1.2 | 37 |
| | 2032 | 1.1 | 34 |
| **7** M | 0059 | 1.4 | 43 |
| | 1002 | −0.7 | −21 |
| | 1746 | 1.2 | 37 |
| | 2114 | 1.0 | 30 |
| **8** Tu ● | 0150 | 1.4 | 43 |
| | 1035 | −0.7 | −21 |
| | 1807 | 1.1 | 34 |
| | 2151 | 1.0 | 30 |
| **9** W | 0239 | 1.4 | 43 |
| | 1104 | −0.6 | −18 |
| | 1825 | 1.1 | 34 |
| | 2228 | 0.9 | 27 |
| **10** Th | 0328 | 1.4 | 43 |
| | 1131 | −0.6 | −18 |
| | 1840 | 1.1 | 34 |
| | 2309 | 0.8 | 24 |
| **11** F | 0418 | 1.3 | 40 |
| | 1157 | −0.5 | −15 |
| | 1855 | 1.1 | 34 |
| | 2354 | 0.6 | 18 |
| **12** Sa | 0513 | 1.2 | 37 |
| | 1223 | −0.3 | −9 |
| | 1910 | 1.1 | 34 |
| **13** Su | 0047 | 0.4 | 12 |
| | 0615 | 1.1 | 34 |
| | 1249 | −0.1 | −3 |
| | 1927 | 1.2 | 37 |
| **14** M | 0149 | 0.3 | 9 |
| | 0732 | 0.9 | 27 |
| | 1314 | 0.2 | 6 |
| | 1947 | 1.2 | 37 |
| **15** Tu ◐ | 0303 | 0.1 | 3 |
| | 0916 | 0.7 | 21 |
| | 1334 | 0.5 | 15 |
| | 2011 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0430 | −0.2 | −6 |
| | 2041 | 1.4 | 43 |
| **17** Th | 0556 | −0.4 | −12 |
| | 2120 | 1.4 | 43 |
| **18** F | 0709 | −0.6 | −18 |
| | 2214 | 1.4 | 43 |
| **19** Sa | 0812 | −0.7 | −21 |
| | 2324 | 1.4 | 43 |
| **20** Su | 0906 | −0.8 | −24 |
| | 1731 | 1.2 | 37 |
| | 1957 | 1.1 | 34 |
| **21** M | 0039 | 1.4 | 43 |
| | 0954 | −0.8 | −24 |
| | 1743 | 1.1 | 34 |
| | 2056 | 1.0 | 30 |
| **22** Tu ○ | 0149 | 1.4 | 43 |
| | 1035 | −0.8 | −24 |
| | 1757 | 1.1 | 34 |
| | 2145 | 0.9 | 27 |
| **23** W | 0251 | 1.4 | 43 |
| | 1111 | −0.6 | −18 |
| | 1809 | 1.0 | 30 |
| | 2231 | 0.7 | 21 |
| **24** Th | 0347 | 1.4 | 43 |
| | 1141 | −0.5 | −15 |
| | 1818 | 1.0 | 30 |
| | 2317 | 0.5 | 15 |
| **25** F | 0441 | 1.3 | 40 |
| | 1205 | −0.3 | −9 |
| | 1828 | 1.1 | 34 |
| **26** Sa | 0005 | 0.4 | 12 |
| | 0535 | 1.1 | 34 |
| | 1224 | 0.0 | 0 |
| | 1839 | 1.1 | 34 |
| **27** Su | 0056 | 0.2 | 6 |
| | 0634 | 1.0 | 30 |
| | 1240 | 0.2 | 6 |
| | 1853 | 1.2 | 37 |
| **28** M | 0152 | 0.1 | 3 |
| | 0745 | 0.8 | 24 |
| | 1254 | 0.4 | 12 |
| | 1912 | 1.3 | 40 |
| **29** Tu | 0256 | 0.0 | 0 |
| | 0917 | 0.7 | 21 |
| | 1304 | 0.6 | 18 |
| | 1936 | 1.3 | 40 |
| **30** W ◑ | 0409 | −0.1 | −3 |
| | 2006 | 1.3 | 40 |
| **31** Th | 0526 | −0.2 | −6 |
| | 2045 | 1.3 | 40 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0635 | −0.3 | −9 |
| | 2137 | 1.3 | 40 |
| **2** Sa | 0733 | −0.4 | −12 |
| | 2243 | 1.3 | 40 |
| **3** Su | 0822 | −0.5 | −15 |
| | 1622 | 1.1 | 34 |
| | 1930 | 1.0 | 30 |
| | 2354 | 1.3 | 40 |
| **4** M | 0904 | −0.6 | −18 |
| | 1640 | 1.1 | 34 |
| | 2021 | 1.0 | 30 |
| **5** Tu | 0059 | 1.3 | 40 |
| | 0940 | −0.6 | −18 |
| | 1657 | 1.1 | 34 |
| | 2102 | 0.9 | 27 |
| **6** W ● | 0156 | 1.4 | 43 |
| | 1011 | −0.6 | −18 |
| | 1711 | 1.1 | 34 |
| | 2139 | 0.8 | 24 |
| **7** Th | 0249 | 1.4 | 43 |
| | 1038 | −0.5 | −15 |
| | 1722 | 1.1 | 34 |
| | 2215 | 0.6 | 18 |
| **8** F | 0341 | 1.4 | 43 |
| | 1103 | −0.4 | −12 |
| | 1732 | 1.1 | 34 |
| | 2254 | 0.4 | 12 |
| **9** Sa | 0435 | 1.3 | 40 |
| | 1126 | −0.2 | −6 |
| | 1743 | 1.2 | 37 |
| | 2337 | 0.2 | 6 |
| **10** Su | 0533 | 1.2 | 37 |
| | 1149 | 0.1 | 3 |
| | 1757 | 1.2 | 37 |
| **11** M | 0025 | 0.1 | 3 |
| | 0640 | 1.0 | 30 |
| | 1210 | 0.3 | 9 |
| | 1815 | 1.3 | 40 |
| **12** Tu | 0122 | −0.1 | −3 |
| | 0804 | 0.9 | 27 |
| | 1227 | 0.6 | 18 |
| | 1838 | 1.4 | 43 |
| **13** W ◐ | 0236 | −0.2 | −6 |
| | 1011 | 0.8 | 24 |
| | 1218 | 0.7 | 21 |
| | 1907 | 1.5 | 46 |
| **14** Th | 0411 | −0.3 | −9 |
| | 1946 | 1.5 | 46 |
| **15** F | 0548 | −0.4 | −12 |
| | 2041 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0705 | −0.5 | −15 |
| | 2203 | 1.4 | 43 |
| **17** Su | 0806 | −0.6 | −18 |
| | 1627 | 1.2 | 37 |
| | 1903 | 1.1 | 34 |
| | 2341 | 1.4 | 43 |
| **18** M | 0856 | −0.6 | −18 |
| | 1630 | 1.1 | 34 |
| | 2010 | 0.9 | 27 |
| **19** Tu | 0107 | 1.4 | 43 |
| | 0938 | −0.5 | −15 |
| | 1640 | 1.1 | 34 |
| | 2059 | 0.8 | 24 |
| **20** W ○ | 0216 | 1.4 | 43 |
| | 1013 | −0.4 | −12 |
| | 1649 | 1.1 | 34 |
| | 2143 | 0.6 | 18 |
| **21** Th | 0313 | 1.4 | 43 |
| | 1041 | −0.2 | −6 |
| | 1656 | 1.1 | 34 |
| | 2224 | 0.4 | 12 |
| **22** F | 0404 | 1.3 | 40 |
| | 1103 | 0.0 | 0 |
| | 1702 | 1.1 | 34 |
| | 2303 | 0.3 | 9 |
| **23** Sa | 0454 | 1.2 | 37 |
| | 1120 | 0.2 | 6 |
| | 1710 | 1.2 | 37 |
| | 2341 | 0.1 | 3 |
| **24** Su | 0545 | 1.1 | 34 |
| | 1134 | 0.4 | 12 |
| | 1722 | 1.3 | 40 |
| **25** M | 0020 | 0.0 | 0 |
| | 0642 | 1.0 | 30 |
| | 1148 | 0.5 | 15 |
| | 1739 | 1.4 | 43 |
| **26** Tu | 0103 | 0.0 | 0 |
| | 0747 | 1.0 | 30 |
| | 1204 | 0.7 | 21 |
| | 1802 | 1.4 | 43 |
| **27** W | 0155 | −0.1 | −3 |
| | 0911 | 0.9 | 27 |
| | 1220 | 0.8 | 24 |
| | 1831 | 1.4 | 43 |
| **28** Th ◑ | 0303 | −0.1 | −3 |
| | 1907 | 1.4 | 43 |
| **29** F | 0430 | −0.1 | −3 |
| | 1955 | 1.4 | 43 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0551 | −0.1 | −3 |
| | 2102 | 1.3 | 40 |
| **2** Su | 0655 | −0.2 | −6 |
| | 1500 | 1.2 | 37 |
| | 1807 | 1.1 | 34 |
| | 2226 | 1.3 | 40 |
| **3** M | 0746 | −0.3 | −9 |
| | 1516 | 1.2 | 37 |
| | 1916 | 1.0 | 30 |
| | 2350 | 1.3 | 40 |
| **4** Tu | 0827 | −0.3 | −9 |
| | 1533 | 1.2 | 37 |
| | 2004 | 0.9 | 27 |
| **5** W | 0101 | 1.4 | 43 |
| | 0903 | −0.3 | −9 |
| | 1546 | 1.2 | 37 |
| | 2044 | 0.7 | 21 |
| **6** Th | 0204 | 1.4 | 43 |
| | 0934 | −0.2 | −6 |
| | 1557 | 1.2 | 37 |
| | 2121 | 0.5 | 15 |
| **7** F ● | 0302 | 1.4 | 43 |
| | 1003 | 0.0 | 0 |
| | 1606 | 1.2 | 37 |
| | 2158 | 0.3 | 9 |
| **8** Sa | 0359 | 1.4 | 43 |
| | 1029 | 0.2 | 6 |
| | 1616 | 1.3 | 40 |
| | 2237 | 0.1 | 3 |
| **9** Su | 0458 | 1.4 | 43 |
| | 1053 | 0.4 | 12 |
| | 1630 | 1.4 | 43 |
| | 2320 | −0.1 | −3 |
| **10** M | 0603 | 1.3 | 40 |
| | 1115 | 0.6 | 18 |
| | 1648 | 1.5 | 46 |
| **11** Tu | 0008 | −0.2 | −6 |
| | 0716 | 1.2 | 37 |
| | 1134 | 0.9 | 27 |
| | 1712 | 1.6 | 49 |
| **12** W | 0106 | −0.3 | −9 |
| | 0852 | 1.1 | 34 |
| | 1143 | 1.0 | 30 |
| | 1743 | 1.6 | 49 |
| **13** Th | 0223 | −0.3 | −9 |
| | 1822 | 1.6 | 49 |
| **14** F ◐ | 0400 | −0.2 | −6 |
| | 1915 | 1.6 | 49 |
| **15** Sa | 0533 | −0.2 | −6 |
| | 2034 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0645 | −0.2 | −6 |
| | 1500 | 1.2 | 37 |
| | 1758 | 1.1 | 34 |
| | 2227 | 1.4 | 43 |
| **17** M | 0742 | −0.2 | −6 |
| | 1502 | 1.2 | 37 |
| | 1915 | 0.9 | 27 |
| **18** Tu | 0017 | 1.4 | 43 |
| | 0829 | −0.1 | −3 |
| | 1512 | 1.2 | 37 |
| | 2009 | 0.7 | 21 |
| **19** W | 0139 | 1.4 | 43 |
| | 0906 | 0.0 | 0 |
| | 1522 | 1.2 | 37 |
| | 2054 | 0.5 | 15 |
| **20** Th | 0242 | 1.4 | 43 |
| | 0937 | 0.2 | 6 |
| | 1529 | 1.2 | 37 |
| | 2134 | 0.3 | 9 |
| **21** F ○ | 0336 | 1.4 | 43 |
| | 1001 | 0.4 | 12 |
| | 1535 | 1.3 | 40 |
| | 2211 | 0.2 | 6 |
| **22** Sa | 0425 | 1.3 | 40 |
| | 1019 | 0.5 | 15 |
| | 1543 | 1.4 | 43 |
| | 2245 | 0.0 | 0 |
| **23** Su | 0514 | 1.3 | 40 |
| | 1034 | 0.7 | 21 |
| | 1555 | 1.4 | 43 |
| | 2317 | −0.1 | −3 |
| **24** M | 0603 | 1.3 | 40 |
| | 1050 | 0.8 | 24 |
| | 1612 | 1.5 | 46 |
| | 2349 | −0.1 | −3 |
| **25** Tu | 0656 | 1.2 | 37 |
| | 1109 | 0.9 | 27 |
| | 1636 | 1.6 | 49 |
| **26** W | 0025 | −0.1 | −3 |
| | 0756 | 1.2 | 37 |
| | 1133 | 1.0 | 30 |
| | 1705 | 1.6 | 49 |
| **27** Th | 0108 | −0.1 | −3 |
| | 0908 | 1.2 | 37 |
| | 1202 | 1.1 | 34 |
| | 1741 | 1.5 | 46 |
| **28** F | 0208 | 0.0 | 0 |
| | 1039 | 1.2 | 37 |
| | 1240 | 1.1 | 34 |
| | 1824 | 1.5 | 46 |
| **29** Sa ◑ | 0328 | 0.0 | 0 |
| | 1921 | 1.4 | 43 |
| **30** Su | 0450 | 0.0 | 0 |
| | 1259 | 1.2 | 37 |
| | 1621 | 1.1 | 34 |
| | 2038 | 1.4 | 43 |
| **31** M | 0556 | 0.0 | 0 |
| | 1329 | 1.3 | 40 |
| | 1756 | 1.1 | 34 |
| | 2212 | 1.3 | 40 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Apalachicola, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0649 | 0.0 | 0 | 16 W | 0045 | 1.3 | 40 |
| | 1351 | 1.3 | 40 | | 0742 | 0.4 | 12 |
| | 1856 | 0.9 | 27 | | 1343 | 1.3 | 40 |
| | 2344 | 1.3 | 40 | | 1959 | 0.5 | 15 |
| 2 W | 0734 | 0.1 | 3 | 17 Th | 0206 | 1.3 | 40 |
| | 1408 | 1.3 | 40 | | 0818 | 0.5 | 15 |
| | 1942 | 0.7 | 21 | | 1354 | 1.4 | 43 |
| | | | | | 2042 | 0.2 | 6 |
| 3 Th | 0104 | 1.4 | 43 | 18 F | 0310 | 1.3 | 40 |
| | 0813 | 0.2 | 6 | | 0847 | 0.7 | 21 |
| | 1421 | 1.3 | 40 | | 1404 | 1.4 | 43 |
| | 2023 | 0.5 | 15 | | 2121 | 0.1 | 3 |
| 4 F | 0215 | 1.4 | 43 | 19 Sa | 0406 | 1.4 | 43 |
| | 0848 | 0.3 | 9 | | 0912 | 0.9 | 27 |
| | 1433 | 1.4 | 43 | | 1415 | 1.5 | 46 |
| | 2102 | 0.2 | 6 | | 2156 | −0.1 | −3 |
| 5 Sa | 0321 | 1.5 | 46 | 20 Su | 0456 | 1.4 | 43 |
| | 0921 | 0.6 | 18 | | 0933 | 1.0 | 30 |
| | 1446 | 1.4 | 43 | | 1429 | 1.6 | 49 |
| ● | 2142 | 0.0 | 0 | ○ | 2228 | −0.1 | −3 |
| 6 Su | 0425 | 1.5 | 46 | 21 M | 0543 | 1.4 | 43 |
| | 0950 | 0.8 | 24 | | 0953 | 1.1 | 34 |
| | 1502 | 1.5 | 46 | | 1449 | 1.6 | 49 |
| | 2223 | −0.2 | −6 | | 2259 | −0.2 | −6 |
| 7 M | 0531 | 1.5 | 46 | 22 Tu | 0628 | 1.4 | 43 |
| | 1017 | 1.0 | 30 | | 1015 | 1.2 | 37 |
| | 1523 | 1.7 | 52 | | 1515 | 1.7 | 52 |
| | 2309 | −0.4 | −12 | | 2330 | −0.2 | −6 |
| 8 Tu | 0641 | 1.4 | 43 | 23 W | 0714 | 1.4 | 43 |
| | 1042 | 1.2 | 37 | | 1043 | 1.2 | 37 |
| | 1551 | 1.8 | 55 | | 1547 | 1.7 | 52 |
| 9 W | 0002 | −0.4 | −12 | 24 Th | 0004 | −0.2 | −6 |
| | 0801 | 1.4 | 43 | | 0803 | 1.4 | 43 |
| | 1102 | 1.3 | 40 | | 1118 | 1.3 | 40 |
| | 1626 | 1.8 | 55 | | 1624 | 1.7 | 52 |
| 10 Th | 0104 | −0.4 | −12 | 25 F | 0044 | −0.1 | −3 |
| | 1708 | 1.8 | 55 | | 0857 | 1.4 | 43 |
| | | | | | 1204 | 1.3 | 40 |
| | | | | | 1707 | 1.6 | 49 |
| 11 F | 0220 | −0.3 | −9 | 26 Sa | 0134 | 0.0 | 0 |
| | 1801 | 1.7 | 52 | | 0952 | 1.4 | 43 |
| | | | | | 1307 | 1.3 | 40 |
| | | | | | 1757 | 1.5 | 46 |
| 12 Sa | 0343 | −0.1 | −3 | 27 Su | 0233 | 0.0 | 0 |
| | 1912 | 1.5 | 46 | | 1043 | 1.4 | 43 |
| ◐ | | | | | 1436 | 1.2 | 37 |
| | | | | | 1859 | 1.4 | 43 |
| 13 Su | 0501 | 0.0 | 0 | 28 M | 0336 | 0.1 | 3 |
| | 1301 | 1.3 | 40 | | 1123 | 1.4 | 43 |
| | 1633 | 1.2 | 37 | | 1615 | 1.1 | 34 |
| | 2052 | 1.4 | 43 | ◑ | 2020 | 1.3 | 40 |
| 14 M | 0605 | 0.1 | 3 | 29 Tu | 0437 | 0.2 | 6 |
| | 1315 | 1.3 | 40 | | 1153 | 1.4 | 43 |
| | 1806 | 1.0 | 30 | | 1733 | 1.0 | 30 |
| | 2256 | 1.3 | 40 | | 2159 | 1.2 | 37 |
| 15 Tu | 0658 | 0.2 | 6 | 30 W | 0533 | 0.3 | 9 |
| | 1329 | 1.3 | 40 | | 1216 | 1.4 | 43 |
| | 1908 | 0.7 | 21 | | 1831 | 0.7 | 21 |
| | | | | | 2341 | 1.2 | 37 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Th | 0623 | 0.4 | 12 | 16 F | 0237 | 1.2 | 37 |
| | 1235 | 1.4 | 43 | | 0710 | 1.0 | 30 |
| | 1919 | 0.5 | 15 | | 1226 | 1.5 | 46 |
| | | | | | 2026 | 0.0 | 0 |
| 2 F | 0114 | 1.3 | 40 | 17 Sa | 0347 | 1.3 | 40 |
| | 0710 | 0.6 | 18 | | 0745 | 1.1 | 34 |
| | 1252 | 1.5 | 46 | | 1244 | 1.6 | 49 |
| | 2003 | 0.2 | 6 | | 2106 | −0.2 | −6 |
| 3 Sa | 0238 | 1.4 | 43 | 18 Su | 0445 | 1.4 | 43 |
| | 0753 | 0.9 | 27 | | 0818 | 1.2 | 37 |
| | 1310 | 1.6 | 49 | | 1304 | 1.6 | 49 |
| | 2046 | −0.1 | −3 | | 2143 | −0.2 | −6 |
| 4 Su | 0354 | 1.5 | 46 | 19 M | 0532 | 1.4 | 43 |
| | 0832 | 1.1 | 34 | | 0850 | 1.3 | 40 |
| | 1332 | 1.7 | 52 | | 1330 | 1.7 | 52 |
| | 2131 | −0.3 | −9 | ○ | 2217 | −0.3 | −9 |
| 5 M | 0505 | 1.5 | 46 | 20 Tu | 0612 | 1.5 | 46 |
| | 0908 | 1.3 | 40 | | 0921 | 1.4 | 43 |
| | 1359 | 1.8 | 55 | | 1401 | 1.7 | 52 |
| ● | 2219 | −0.5 | −15 | | 2250 | −0.3 | −9 |
| 6 Tu | 0614 | 1.6 | 49 | 21 W | 0648 | 1.5 | 46 |
| | 0941 | 1.4 | 43 | | 0955 | 1.4 | 43 |
| | 1433 | 1.9 | 58 | | 1438 | 1.7 | 52 |
| | 2310 | −0.5 | −15 | | 2323 | −0.3 | −9 |
| 7 W | 0723 | 1.5 | 46 | 22 Th | 0721 | 1.5 | 46 |
| | 1012 | 1.4 | 43 | | 1033 | 1.4 | 43 |
| | 1514 | 1.9 | 58 | | 1518 | 1.7 | 52 |
| | | | | | 2355 | −0.2 | −6 |
| 8 Th | 0005 | −0.5 | −15 | 23 F | 0755 | 1.4 | 43 |
| | 0832 | 1.5 | 46 | | 1116 | 1.3 | 40 |
| | 1047 | 1.4 | 43 | | 1602 | 1.7 | 52 |
| | 1602 | 1.9 | 58 | | | | |
| 9 F | 0105 | −0.4 | −12 | 24 Sa | 0030 | −0.2 | −6 |
| | 0935 | 1.4 | 43 | | 0829 | 1.4 | 43 |
| | 1139 | 1.3 | 40 | | 1209 | 1.3 | 40 |
| | 1657 | 1.8 | 55 | | 1650 | 1.6 | 49 |
| 10 Sa | 0208 | −0.2 | −6 | 25 Su | 0107 | −0.1 | −3 |
| | 1020 | 1.4 | 43 | | 0901 | 1.4 | 43 |
| | 1306 | 1.3 | 40 | | 1312 | 1.2 | 37 |
| | 1802 | 1.6 | 49 | | 1744 | 1.5 | 46 |
| 11 Su | 0310 | −0.1 | −3 | 26 M | 0147 | 0.0 | 0 |
| | 1050 | 1.3 | 40 | | 0931 | 1.4 | 43 |
| | 1455 | 1.2 | 37 | | 1427 | 1.1 | 34 |
| ◐ | 1923 | 1.4 | 43 | | 1848 | 1.4 | 43 |
| 12 M | 0409 | 0.1 | 3 | 27 Tu | 0230 | 0.1 | 3 |
| | 1114 | 1.3 | 40 | | 0958 | 1.5 | 46 |
| | 1634 | 1.0 | 30 | | 1547 | 1.0 | 30 |
| | 2107 | 1.3 | 40 | ◑ | 2011 | 1.2 | 37 |
| 13 Tu | 0502 | 0.3 | 9 | 28 W | 0316 | 0.3 | 9 |
| | 1134 | 1.4 | 43 | | 1022 | 1.5 | 46 |
| | 1751 | 0.7 | 21 | | 1700 | 0.7 | 21 |
| | 2311 | 1.2 | 37 | | 2155 | 1.1 | 34 |
| 14 W | 0550 | 0.6 | 18 | 29 Th | 0405 | 0.5 | 15 |
| | 1152 | 1.4 | 43 | | 1044 | 1.5 | 46 |
| | 1851 | 0.4 | 12 | | 1802 | 0.5 | 15 |
| | | | | | 2351 | 1.1 | 34 |
| 15 Th | 0107 | 1.2 | 37 | 30 F | 0456 | 0.8 | 24 |
| | 0632 | 0.8 | 24 | | 1107 | 1.6 | 49 |
| | 1209 | 1.5 | 46 | | 1857 | 0.2 | 6 |
| | 1941 | 0.2 | 6 | | | | |
| | | | | 31 Sa | 0148 | 1.2 | 37 |
| | | | | | 0549 | 1.0 | 30 |
| | | | | | 1131 | 1.7 | 52 |
| | | | | | 1948 | −0.1 | −3 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Su | 0328 | 1.4 | 43 | 16 M | 0517 | 1.4 | 43 |
| | 0644 | 1.3 | 40 | | 0730 | 1.3 | 40 |
| | 1200 | 1.8 | 55 | | 1214 | 1.7 | 52 |
| | 2039 | −0.4 | −12 | | 2131 | −0.3 | −9 |
| 2 M | 0450 | 1.5 | 46 | 17 Tu | 0547 | 1.5 | 46 |
| | 0736 | 1.4 | 43 | | 0823 | 1.4 | 43 |
| | 1235 | 1.8 | 55 | | 1255 | 1.7 | 52 |
| | 2130 | −0.5 | −15 | | 2209 | −0.3 | −9 |
| 3 Tu | 0556 | 1.6 | 49 | 18 W | 0613 | 1.5 | 46 |
| | 0824 | 1.5 | 46 | | 0908 | 1.4 | 43 |
| | 1318 | 1.9 | 58 | | 1340 | 1.7 | 52 |
| ● | 2222 | −0.6 | −18 | ○ | 2243 | −0.3 | −9 |
| 4 W | 0651 | 1.6 | 49 | 19 Th | 0637 | 1.5 | 46 |
| | 0910 | 1.5 | 46 | | 0949 | 1.4 | 43 |
| | 1408 | 2.0 | 61 | | 1425 | 1.7 | 52 |
| | 2314 | −0.6 | −18 | | 2315 | −0.3 | −9 |
| 5 Th | 0736 | 1.5 | 46 | 20 F | 0659 | 1.5 | 46 |
| | 0959 | 1.4 | 43 | | 1029 | 1.3 | 40 |
| | 1503 | 1.9 | 58 | | 1511 | 1.7 | 52 |
| | | | | | 2343 | −0.2 | −6 |
| 6 F | 0005 | −0.5 | −15 | 21 Sa | 0720 | 1.5 | 46 |
| | 0811 | 1.5 | 46 | | 1112 | 1.3 | 40 |
| | 1055 | 1.4 | 43 | | 1558 | 1.7 | 52 |
| | 1602 | 1.9 | 58 | | | | |
| 7 Sa | 0054 | −0.4 | −12 | 22 Su | 0009 | −0.2 | −6 |
| | 0838 | 1.4 | 43 | | 0739 | 1.5 | 46 |
| | 1203 | 1.3 | 40 | | 1200 | 1.2 | 37 |
| | 1704 | 1.7 | 52 | | 1648 | 1.6 | 49 |
| 8 Su | 0141 | −0.2 | −6 | 23 M | 0036 | −0.1 | −3 |
| | 0901 | 1.4 | 43 | | 0758 | 1.5 | 46 |
| | 1321 | 1.1 | 34 | | 1255 | 1.1 | 34 |
| | 1811 | 1.5 | 46 | | 1744 | 1.5 | 46 |
| 9 M | 0223 | 0.1 | 3 | 24 Tu | 0105 | 0.1 | 3 |
| | 0920 | 1.4 | 43 | | 0818 | 1.5 | 46 |
| | 1446 | 0.9 | 27 | | 1357 | 0.9 | 27 |
| | 1930 | 1.3 | 40 | | 1851 | 1.3 | 40 |
| 10 Tu | 0302 | 0.3 | 9 | 25 W | 0137 | 0.3 | 9 |
| | 0939 | 1.4 | 43 | | 0838 | 1.6 | 49 |
| | 1609 | 0.7 | 21 | | 1507 | 0.7 | 21 |
| ◐ | 2109 | 1.1 | 34 | | 2015 | 1.2 | 37 |
| 11 W | 0337 | 0.6 | 18 | 26 Th | 0209 | 0.5 | 15 |
| | 0958 | 1.5 | 46 | | 0859 | 1.6 | 49 |
| | 1722 | 0.5 | 15 | | 1622 | 0.5 | 15 |
| | 2316 | 1.0 | 30 | ◑ | 2208 | 1.1 | 34 |
| 12 Th | 0412 | 0.8 | 24 | 27 F | 0241 | 0.8 | 24 |
| | 1019 | 1.5 | 46 | | 0923 | 1.7 | 52 |
| | 1825 | 0.2 | 6 | | 1734 | 0.2 | 6 |
| 13 F | 0142 | 1.1 | 34 | 28 Sa | 0039 | 1.1 | 34 |
| | 0447 | 1.0 | 30 | | 0305 | 1.0 | 30 |
| | 1042 | 1.6 | 49 | | 0952 | 1.8 | 55 |
| | 1918 | 0.0 | 0 | | 1841 | 0.0 | 0 |
| 14 Sa | 1108 | 1.7 | 52 | 29 Su | 1027 | 1.8 | 55 |
| | 2006 | −0.1 | −3 | | 1943 | −0.3 | −9 |
| 15 Su | 1138 | 1.7 | 52 | 30 M | 1112 | 1.9 | 58 |
| | 2050 | −0.3 | −9 | | 2040 | −0.4 | −12 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Apalachicola, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 1207 | 1.9 | 58 |
| | 2134 | −0.5 | −15 |
| **2** W ● | 1309 | 2.0 | 61 |
| | 2224 | −0.6 | −18 |
| **3** Th | 0638 | 1.6 | 49 |
| | 0905 | 1.5 | 46 |
| | 1412 | 2.0 | 61 |
| | 2310 | −0.5 | −15 |
| **4** F | 0657 | 1.5 | 46 |
| | 1003 | 1.4 | 43 |
| | 1513 | 1.9 | 58 |
| | 2352 | −0.4 | −12 |
| **5** Sa | 0713 | 1.4 | 43 |
| | 1100 | 1.2 | 37 |
| | 1613 | 1.8 | 55 |
| **6** Su | 0029 | −0.2 | −6 |
| | 0727 | 1.4 | 43 |
| | 1200 | 1.1 | 34 |
| | 1714 | 1.7 | 52 |
| **7** M | 0100 | 0.1 | 3 |
| | 0740 | 1.4 | 43 |
| | 1305 | 0.9 | 27 |
| | 1818 | 1.5 | 46 |
| **8** Tu | 0126 | 0.3 | 9 |
| | 0754 | 1.5 | 46 |
| | 1415 | 0.7 | 21 |
| | 1932 | 1.3 | 40 |
| **9** W ◐ | 0148 | 0.6 | 18 |
| | 0811 | 1.6 | 49 |
| | 1528 | 0.5 | 15 |
| | 2106 | 1.1 | 34 |
| **10** Th | 0204 | 0.8 | 24 |
| | 0831 | 1.6 | 49 |
| | 1642 | 0.4 | 12 |
| | 2325 | 1.1 | 34 |
| **11** F | 0207 | 1.0 | 30 |
| | 0856 | 1.7 | 52 |
| | 1750 | 0.2 | 6 |
| **12** Sa | 0927 | 1.7 | 52 |
| | 1851 | 0.0 | 0 |
| **13** Su | 1007 | 1.7 | 52 |
| | 1945 | −0.1 | −3 |
| **14** M | 1055 | 1.7 | 52 |
| | 2033 | −0.2 | −6 |
| **15** Tu | 0459 | 1.5 | 46 |
| | 0713 | 1.4 | 43 |
| | 1151 | 1.7 | 52 |
| | 2116 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0516 | 1.5 | 46 |
| | 0814 | 1.4 | 43 |
| | 1247 | 1.8 | 55 |
| | 2154 | −0.2 | −6 |
| **17** Th | 0535 | 1.5 | 46 |
| | 0900 | 1.4 | 43 |
| | 1341 | 1.8 | 55 |
| | 2226 | −0.2 | −6 |
| **18** F ○ | 0553 | 1.5 | 46 |
| | 0940 | 1.3 | 40 |
| | 1430 | 1.8 | 55 |
| | 2254 | −0.2 | −6 |
| **19** Sa | 0608 | 1.5 | 46 |
| | 1018 | 1.3 | 40 |
| | 1517 | 1.8 | 55 |
| | 2318 | −0.1 | −3 |
| **20** Su | 0620 | 1.5 | 46 |
| | 1057 | 1.2 | 37 |
| | 1606 | 1.7 | 52 |
| | 2340 | 0.0 | 0 |
| **21** M | 0632 | 1.5 | 46 |
| | 1139 | 1.0 | 30 |
| | 1657 | 1.6 | 49 |
| **22** Tu | 0002 | 0.2 | 6 |
| | 0646 | 1.6 | 49 |
| | 1227 | 0.9 | 27 |
| | 1755 | 1.5 | 46 |
| **23** W | 0025 | 0.4 | 12 |
| | 0701 | 1.6 | 49 |
| | 1321 | 0.7 | 21 |
| | 1905 | 1.3 | 40 |
| **24** Th | 0049 | 0.6 | 18 |
| | 0721 | 1.7 | 52 |
| | 1426 | 0.5 | 15 |
| | 2037 | 1.2 | 37 |
| **25** F ◑ | 0111 | 0.9 | 27 |
| | 0745 | 1.8 | 55 |
| | 1546 | 0.3 | 9 |
| | 2253 | 1.1 | 34 |
| **26** Sa | 0113 | 1.0 | 30 |
| | 0814 | 1.9 | 58 |
| | 1715 | 0.1 | 3 |
| **27** Su | 0854 | 1.9 | 58 |
| | 1836 | 0.0 | 0 |
| **28** M | 0947 | 1.9 | 58 |
| | 1943 | −0.2 | −6 |
| **29** Tu | 1055 | 2.0 | 61 |
| | 2041 | −0.3 | −9 |
| **30** W | 1212 | 2.0 | 61 |
| | 2131 | −0.3 | −9 |
| **31** Th | 0527 | 1.6 | 49 |
| | 0817 | 1.5 | 46 |
| | 1326 | 2.0 | 61 |
| | 2215 | −0.3 | −9 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0539 | 1.5 | 46 |
| | 0913 | 1.3 | 40 |
| | 1431 | 2.0 | 61 |
| | 2252 | −0.2 | −6 |
| **2** Sa | 0549 | 1.5 | 46 |
| | 1004 | 1.2 | 37 |
| | 1531 | 1.9 | 58 |
| | 2324 | 0.0 | 0 |
| **3** Su | 0558 | 1.5 | 46 |
| | 1054 | 1.0 | 30 |
| | 1627 | 1.8 | 55 |
| | 2350 | 0.2 | 6 |
| **4** M | 0606 | 1.5 | 46 |
| | 1144 | 0.8 | 24 |
| | 1724 | 1.7 | 52 |
| **5** Tu | 0011 | 0.5 | 15 |
| | 0617 | 1.6 | 49 |
| | 1236 | 0.7 | 21 |
| | 1824 | 1.5 | 46 |
| **6** W | 0028 | 0.7 | 21 |
| | 0630 | 1.7 | 52 |
| | 1332 | 0.6 | 18 |
| | 1934 | 1.3 | 40 |
| **7** Th | 0042 | 0.9 | 27 |
| | 0649 | 1.7 | 52 |
| | 1436 | 0.5 | 15 |
| | 2105 | 1.2 | 37 |
| **8** F ◐ | 0052 | 1.1 | 34 |
| | 0714 | 1.8 | 55 |
| | 1549 | 0.4 | 12 |
| **9** Sa | 0746 | 1.8 | 55 |
| | 1707 | 0.3 | 9 |
| **10** Su | 0827 | 1.8 | 55 |
| | 1818 | 0.2 | 6 |
| **11** M | 0924 | 1.8 | 55 |
| | 1918 | 0.1 | 3 |
| **12** Tu | 1034 | 1.8 | 55 |
| | 2008 | 0.0 | 0 |
| **13** W | 0358 | 1.6 | 49 |
| | 0711 | 1.5 | 46 |
| | 1147 | 1.8 | 55 |
| | 2050 | 0.0 | 0 |
| **14** Th | 0415 | 1.6 | 49 |
| | 0804 | 1.4 | 43 |
| | 1252 | 1.8 | 55 |
| | 2126 | 0.0 | 0 |
| **15** F | 0432 | 1.6 | 49 |
| | 0847 | 1.3 | 40 |
| | 1348 | 1.9 | 58 |
| | 2156 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0446 | 1.6 | 49 |
| | 0924 | 1.2 | 37 |
| | 1439 | 1.9 | 58 |
| | 2221 | 0.1 | 3 |
| **17** Su | 0457 | 1.6 | 49 |
| | 1000 | 1.1 | 34 |
| | 1528 | 1.8 | 55 |
| | 2243 | 0.3 | 9 |
| **18** M | 0506 | 1.6 | 49 |
| | 1036 | 0.9 | 27 |
| | 1619 | 1.8 | 55 |
| | 2304 | 0.4 | 12 |
| **19** Tu | 0516 | 1.7 | 52 |
| | 1115 | 0.7 | 21 |
| | 1715 | 1.7 | 52 |
| | 2325 | 0.6 | 18 |
| **20** W | 0530 | 1.8 | 55 |
| | 1158 | 0.6 | 18 |
| | 1818 | 1.6 | 49 |
| | 2347 | 0.9 | 27 |
| **21** Th | 0548 | 1.8 | 55 |
| | 1250 | 0.4 | 12 |
| | 1934 | 1.4 | 43 |
| **22** F | 0006 | 1.1 | 34 |
| | 0611 | 1.9 | 58 |
| | 1355 | 0.3 | 9 |
| | 2120 | 1.4 | 43 |
| **23** Sa ◑ | 0013 | 1.3 | 40 |
| | 0642 | 2.0 | 61 |
| | 1525 | 0.3 | 9 |
| **24** Su | 0721 | 2.0 | 61 |
| | 1706 | 0.2 | 6 |
| **25** M | 0816 | 2.0 | 61 |
| | 1830 | 0.1 | 3 |
| **26** Tu | 0936 | 2.0 | 61 |
| | 1935 | 0.0 | 0 |
| **27** W | 0406 | 1.6 | 49 |
| | 0610 | 1.5 | 46 |
| | 1112 | 1.9 | 58 |
| | 2029 | 0.0 | 0 |
| **28** Th | 0404 | 1.6 | 49 |
| | 0731 | 1.5 | 46 |
| | 1241 | 1.9 | 58 |
| | 2113 | 0.0 | 0 |
| **29** F | 0413 | 1.6 | 49 |
| | 0827 | 1.3 | 40 |
| | 1354 | 1.9 | 58 |
| | 2150 | 0.1 | 3 |
| **30** Sa ● | 0422 | 1.6 | 49 |
| | 0915 | 1.1 | 34 |
| | 1455 | 1.9 | 58 |
| | 2221 | 0.3 | 9 |
| **31** Su | 0429 | 1.6 | 49 |
| | 0959 | 0.9 | 27 |
| | 1550 | 1.9 | 58 |
| | 2246 | 0.5 | 15 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0436 | 1.6 | 49 |
| | 1041 | 0.7 | 21 |
| | 1643 | 1.8 | 55 |
| | 2305 | 0.8 | 24 |
| **2** Tu | 0444 | 1.7 | 52 |
| | 1121 | 0.6 | 18 |
| | 1737 | 1.7 | 52 |
| | 2321 | 0.9 | 27 |
| **3** W | 0456 | 1.8 | 55 |
| | 1202 | 0.5 | 15 |
| | 1834 | 1.6 | 49 |
| | 2335 | 1.1 | 34 |
| **4** Th | 0514 | 1.9 | 58 |
| | 1247 | 0.4 | 12 |
| | 1941 | 1.5 | 46 |
| | 2351 | 1.2 | 37 |
| **5** F | 0538 | 1.9 | 58 |
| | 1340 | 0.4 | 12 |
| | 2104 | 1.4 | 43 |
| **6** Sa | 0008 | 1.3 | 40 |
| | 0609 | 1.9 | 58 |
| | 1450 | 0.4 | 12 |
| **7** Su ◐ | 0648 | 1.9 | 58 |
| | 1616 | 0.4 | 12 |
| **8** M | 0741 | 1.8 | 55 |
| | 1735 | 0.4 | 12 |
| **9** Tu | 0854 | 1.8 | 55 |
| | 1838 | 0.3 | 9 |
| **10** W | 0222 | 1.6 | 49 |
| | 0556 | 1.5 | 46 |
| | 1022 | 1.7 | 52 |
| | 1928 | 0.3 | 9 |
| **11** Th | 0242 | 1.6 | 49 |
| | 0701 | 1.4 | 43 |
| | 1145 | 1.8 | 55 |
| | 2009 | 0.3 | 9 |
| **12** F | 0301 | 1.6 | 49 |
| | 0749 | 1.3 | 40 |
| | 1254 | 1.8 | 55 |
| | 2044 | 0.3 | 9 |
| **13** Sa | 0315 | 1.7 | 52 |
| | 0829 | 1.1 | 34 |
| | 1354 | 1.8 | 55 |
| | 2113 | 0.4 | 12 |
| **14** Su | 0327 | 1.7 | 52 |
| | 0905 | 0.9 | 27 |
| | 1449 | 1.9 | 58 |
| | 2140 | 0.5 | 15 |
| **15** M ○ | 0336 | 1.7 | 52 |
| | 0940 | 0.7 | 21 |
| | 1544 | 1.8 | 55 |
| | 2204 | 0.7 | 21 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0347 | 1.7 | 52 |
| | 1016 | 0.5 | 15 |
| | 1640 | 1.8 | 55 |
| | 2227 | 0.9 | 27 |
| **17** W | 0401 | 1.8 | 55 |
| | 1054 | 0.4 | 12 |
| | 1742 | 1.7 | 52 |
| | 2250 | 1.1 | 34 |
| **18** Th | 0419 | 1.9 | 58 |
| | 1138 | 0.2 | 6 |
| | 1851 | 1.6 | 49 |
| | 2310 | 1.3 | 40 |
| **19** F | 0444 | 2.0 | 61 |
| | 1232 | 0.2 | 6 |
| | 2018 | 1.6 | 49 |
| | 2324 | 1.5 | 46 |
| **20** Sa | 0516 | 2.1 | 64 |
| | 1343 | 0.2 | 6 |
| **21** Su | 0556 | 2.1 | 64 |
| | 1517 | 0.2 | 6 |
| **22** M ◑ | 0649 | 2.0 | 61 |
| | 1654 | 0.2 | 6 |
| **23** Tu | 0806 | 1.9 | 58 |
| | 1811 | 0.2 | 6 |
| **24** W | 0229 | 1.6 | 49 |
| | 0512 | 1.5 | 46 |
| | 0955 | 1.8 | 55 |
| | 1911 | 0.2 | 6 |
| **25** Th | 0230 | 1.6 | 49 |
| | 0640 | 1.4 | 43 |
| | 1146 | 1.8 | 55 |
| | 2000 | 0.3 | 9 |
| **26** F | 0240 | 1.6 | 49 |
| | 0739 | 1.1 | 34 |
| | 1315 | 1.8 | 55 |
| | 2040 | 0.4 | 12 |
| **27** Sa | 0250 | 1.6 | 49 |
| | 0828 | 0.9 | 27 |
| | 1423 | 1.8 | 55 |
| | 2114 | 0.6 | 18 |
| **28** Su | 0259 | 1.6 | 49 |
| | 0911 | 0.7 | 21 |
| | 1522 | 1.8 | 55 |
| | 2140 | 0.8 | 24 |
| **29** M ● | 0306 | 1.7 | 52 |
| | 0950 | 0.5 | 15 |
| | 1615 | 1.7 | 52 |
| | 2201 | 1.0 | 30 |
| **30** Tu | 0315 | 1.7 | 52 |
| | 1026 | 0.4 | 12 |
| | 1706 | 1.7 | 52 |
| | 2219 | 1.2 | 37 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Apalachicola, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** W | 0328 | 1.8 / 55 | **16** Th | 0255 | 1.9 / 58 |
| | 1100 | 0.3 / 9 | | 1043 | −0.1 / −3 |
| | 1757 | 1.6 / 49 | | 1818 | 1.7 / 52 |
| | 2235 | 1.3 / 40 | | 2216 | 1.4 / 43 |
| **2** Th | 0346 | 1.9 / 58 | **17** F | 0323 | 2.0 / 61 |
| | 1134 | 0.2 / 6 | | 1133 | −0.2 / −6 |
| | 1850 | 1.6 / 49 | | 1933 | 1.6 / 49 |
| | 2255 | 1.4 / 43 | | 2238 | 1.5 / 46 |
| **3** F | 0411 | 1.9 / 58 | **18** Sa | 0359 | 2.1 / 64 |
| | 1211 | 0.2 / 6 | | 1232 | −0.1 / −3 |
| | 1949 | 1.6 / 49 | | | |
| | 2319 | 1.4 / 43 | | | |
| **4** Sa | 0442 | 1.9 / 58 | **19** Su | 0442 | 2.0 / 61 |
| | 1257 | 0.3 / 9 | | 1343 | 0.0 / 0 |
| | 2059 | 1.5 / 46 | | | |
| | 2352 | 1.4 / 43 | | | |
| **5** Su | 0520 | 1.9 / 58 | **20** M | 0535 | 2.0 / 61 |
| | 1357 | 0.3 / 9 | | 1505 | 0.1 / 3 |
| | 2220 | 1.5 / 46 | | | |
| **6** M | 0042 | 1.4 / 43 | **21** Tu ◑ | 0643 | 1.8 / 55 |
| | 0606 | 1.8 / 55 | | 1624 | 0.2 / 6 |
| | 1515 | 0.4 / 12 | | | |
| | 2335 | 1.5 / 46 | | | |
| **7** Tu ◐ | 0219 | 1.4 / 43 | **22** W | 0028 | 1.5 / 46 |
| | 0707 | 1.7 / 52 | | 0348 | 1.4 / 43 |
| | 1633 | 0.4 / 12 | | 0820 | 1.6 / 49 |
| | | | | 1732 | 0.3 / 9 |
| **8** W | 0021 | 1.6 / 49 | **23** Th | 0042 | 1.5 / 46 |
| | 0420 | 1.5 / 46 | | 0532 | 1.2 / 37 |
| | 0829 | 1.6 / 49 | | 1022 | 1.5 / 46 |
| | 1736 | 0.4 / 12 | | 1828 | 0.4 / 12 |
| **9** Th | 0053 | 1.6 / 49 | **24** F | 0057 | 1.5 / 46 |
| | 0545 | 1.3 / 40 | | 0640 | 0.9 / 27 |
| | 1005 | 1.6 / 49 | | 1218 | 1.5 / 46 |
| | 1827 | 0.4 / 12 | | 1914 | 0.6 / 18 |
| **10** F | 0117 | 1.6 / 49 | **25** Sa | 0111 | 1.5 / 46 |
| | 0643 | 1.2 / 37 | | 0734 | 0.6 / 18 |
| | 1136 | 1.6 / 49 | | 1347 | 1.5 / 46 |
| | 1910 | 0.5 / 15 | | 1953 | 0.8 / 24 |
| **11** Sa | 0135 | 1.6 / 49 | **26** Su | 0124 | 1.5 / 46 |
| | 0728 | 0.9 / 27 | | 0820 | 0.4 / 12 |
| | 1254 | 1.6 / 49 | | 1457 | 1.5 / 46 |
| | 1948 | 0.6 / 18 | | 2026 | 1.0 / 30 |
| **12** Su | 0150 | 1.6 / 49 | **27** M | 0135 | 1.6 / 49 |
| | 0807 | 0.7 / 21 | | 0902 | 0.2 / 6 |
| | 1402 | 1.7 / 52 | | 1556 | 1.5 / 46 |
| | 2022 | 0.7 / 21 | | 2053 | 1.1 / 34 |
| **13** M | 0203 | 1.7 / 52 | **28** Tu ● | 0148 | 1.7 / 52 |
| | 0844 | 0.5 / 15 | | 0939 | 0.0 / 0 |
| | 1506 | 1.7 / 52 | | 1649 | 1.6 / 49 |
| | 2054 | 0.9 / 27 | | 2117 | 1.2 / 37 |
| **14** Tu ○ | 0216 | 1.7 / 52 | **29** W | 0205 | 1.7 / 52 |
| | 0921 | 0.2 / 6 | | 1013 | 0.0 / 0 |
| | 1608 | 1.7 / 52 | | 1737 | 1.6 / 49 |
| | 2123 | 1.1 / 34 | | 2139 | 1.3 / 40 |
| **15** W | 0233 | 1.8 / 55 | **30** Th | 0226 | 1.8 / 55 |
| | 1000 | 0.0 / 0 | | 1046 | −0.1 / −3 |
| | 1711 | 1.7 / 52 | | 1821 | 1.5 / 46 |
| | 2151 | 1.3 / 40 | | 2203 | 1.4 / 43 |
| | | | **31** F | 0253 | 1.8 / 55 |
| | | | | 1119 | −0.1 / −3 |
| | | | | 1905 | 1.5 / 46 |
| | | | | 2232 | 1.4 / 43 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0327 | 1.8 / 55 | **16** Su | 0339 | 1.9 / 58 |
| | 1154 | 0.0 / 0 | | 1236 | −0.4 / −12 |
| | 1951 | 1.5 / 46 | | 2058 | 1.4 / 43 |
| | 2308 | 1.4 / 43 | | 2309 | 1.3 / 40 |
| **2** Su | 0406 | 1.8 / 55 | **17** M | 0435 | 1.8 / 55 |
| | 1234 | 0.0 / 0 | | 1336 | −0.3 / −9 |
| | 2039 | 1.5 / 46 | | 2143 | 1.3 / 40 |
| | 2355 | 1.4 / 43 | | | |
| **3** M | 0450 | 1.7 / 52 | **18** Tu | 0025 | 1.2 / 37 |
| | 1321 | 0.1 / 3 | | 0538 | 1.7 / 52 |
| | 2127 | 1.5 / 46 | | 1437 | −0.1 / −3 |
| | | | | 2215 | 1.3 / 40 |
| **4** Tu | 0101 | 1.3 / 40 | **19** W ◑ | 0208 | 1.1 / 34 |
| | 0542 | 1.6 / 49 | | 0655 | 1.5 / 46 |
| | 1415 | 0.2 / 6 | | 1536 | 0.1 / 3 |
| | 2212 | 1.5 / 46 | | 2239 | 1.3 / 40 |
| **5** W ◐ | 0228 | 1.3 / 40 | **20** Th | 0354 | 0.9 / 27 |
| | 0644 | 1.5 / 46 | | 0835 | 1.2 / 37 |
| | 1513 | 0.2 / 6 | | 1630 | 0.3 / 9 |
| | 2250 | 1.5 / 46 | | 2300 | 1.3 / 40 |
| **6** Th | 0402 | 1.2 / 37 | **21** F | 0520 | 0.7 / 21 |
| | 0806 | 1.4 / 43 | | 1040 | 1.1 / 34 |
| | 1609 | 0.3 / 9 | | 1720 | 0.5 / 15 |
| | 2320 | 1.5 / 46 | | 2320 | 1.3 / 40 |
| **7** F | 0518 | 1.0 / 30 | **22** Sa | 0626 | 0.4 / 12 |
| | 0944 | 1.3 / 40 | | 1249 | 1.1 / 34 |
| | 1703 | 0.4 / 12 | | 1806 | 0.8 / 24 |
| | 2344 | 1.5 / 46 | | 2338 | 1.4 / 43 |
| **8** Sa | 0615 | 0.7 / 21 | **23** Su | 0721 | 0.1 / 3 |
| | 1126 | 1.2 / 37 | | 1428 | 1.2 / 37 |
| | 1753 | 0.6 / 18 | | 1848 | 0.9 / 27 |
| | | | | 2357 | 1.5 / 46 |
| **9** Su | 0004 | 1.5 / 46 | **24** M | 0808 | −0.1 / −3 |
| | 0702 | 0.5 / 15 | | 1542 | 1.3 / 40 |
| | 1300 | 1.3 / 40 | | 1928 | 1.1 / 34 |
| | 1840 | 0.8 / 24 | | | |
| **10** M | 0022 | 1.6 / 49 | **25** Tu | 0018 | 1.5 / 46 |
| | 0745 | 0.2 / 6 | | 0850 | −0.3 / −9 |
| | 1423 | 1.4 / 43 | | 1638 | 1.3 / 40 |
| | 1924 | 1.0 / 30 | | 2007 | 1.2 / 37 |
| **11** Tu | 0042 | 1.6 / 49 | **26** W | 0042 | 1.6 / 49 |
| | 0827 | −0.1 / −3 | | 0929 | −0.4 / −12 |
| | 1536 | 1.5 / 46 | | 1723 | 1.4 / 43 |
| | 2005 | 1.1 / 34 | | 2043 | 1.3 / 40 |
| **12** W | 0105 | 1.7 / 52 | **27** Th ● | 0111 | 1.6 / 49 |
| | 0910 | −0.3 / −9 | | 1006 | −0.4 / −12 |
| | 1645 | 1.5 / 46 | | 1801 | 1.4 / 43 |
| | 2042 | 1.3 / 40 | | 2117 | 1.3 / 40 |
| **13** Th ○ | 0133 | 1.8 / 55 | **28** F | 0146 | 1.6 / 49 |
| | 0955 | −0.5 / −15 | | 1041 | −0.4 / −12 |
| | 1750 | 1.6 / 49 | | 1833 | 1.4 / 43 |
| | 2116 | 1.4 / 43 | | 2152 | 1.3 / 40 |
| **14** F | 0208 | 1.9 / 58 | **29** Sa | 0225 | 1.6 / 49 |
| | 1045 | −0.5 / −15 | | 1114 | −0.4 / −12 |
| | 1855 | 1.6 / 49 | | 1903 | 1.3 / 40 |
| | 2148 | 1.5 / 46 | | 2228 | 1.2 / 37 |
| **15** Sa | 0251 | 1.9 / 58 | **30** Su | 0307 | 1.6 / 49 |
| | 1138 | −0.5 / −15 | | 1146 | −0.3 / −9 |
| | 1959 | 1.5 / 46 | | 1932 | 1.3 / 40 |
| | 2222 | 1.4 / 43 | | 2309 | 1.2 / 37 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0352 | 1.5 / 46 | **16** Tu | 0446 | 1.5 / 46 |
| | 1217 | −0.3 / −9 | | 1313 | −0.4 / −12 |
| | 2001 | 1.3 / 40 | | 2025 | 1.1 / 34 |
| | 2358 | 1.1 / 34 | | | |
| **2** Tu | 0439 | 1.4 / 43 | **17** W | 0043 | 0.8 / 24 |
| | 1250 | −0.2 / −6 | | 0552 | 1.3 / 40 |
| | 2030 | 1.3 / 40 | | 1354 | −0.2 / −6 |
| | | | | 2044 | 1.1 / 34 |
| **3** W | 0056 | 1.0 / 30 | **18** Th | 0204 | 0.7 / 21 |
| | 0532 | 1.3 / 40 | | 0707 | 1.1 / 34 |
| | 1324 | −0.1 / −3 | | 1432 | 0.1 / 3 |
| | 2057 | 1.3 / 40 | | 2102 | 1.1 / 34 |
| **4** Th | 0205 | 0.9 / 27 | **19** F ◑ | 0330 | 0.4 / 12 |
| | 0633 | 1.2 / 37 | | 0842 | 0.9 / 27 |
| | 1401 | 0.0 / 0 | | 1506 | 0.3 / 9 |
| | 2123 | 1.3 / 40 | | 2122 | 1.2 / 37 |
| **5** F ◐ | 0321 | 0.8 / 24 | **20** Sa | 0451 | 0.2 / 6 |
| | 0750 | 1.0 / 30 | | 1053 | 0.8 / 24 |
| | 1441 | 0.2 / 6 | | 1538 | 0.6 / 18 |
| | 2147 | 1.3 / 40 | | 2143 | 1.3 / 40 |
| **6** Sa | 0435 | 0.6 / 18 | **21** Su | 0600 | −0.1 / −3 |
| | 0930 | 0.9 / 27 | | 1347 | 0.8 / 24 |
| | 1525 | 0.4 / 12 | | 1611 | 0.7 / 21 |
| | 2211 | 1.4 / 43 | | 2208 | 1.3 / 40 |
| **7** Su | 0539 | 0.3 / 9 | **22** M | 0659 | −0.3 / −9 |
| | 1128 | 0.9 / 27 | | 2238 | 1.4 / 43 |
| | 1615 | 0.6 / 18 | | | |
| | 2235 | 1.4 / 43 | | | |
| **8** M | 0634 | 0.0 / 0 | **23** Tu | 0751 | −0.4 / −12 |
| | 1329 | 1.0 / 30 | | 2314 | 1.4 / 43 |
| | 1711 | 0.9 / 27 | | | |
| | 2301 | 1.5 / 46 | | | |
| **9** Tu | 0726 | −0.3 / −9 | **24** W | 0838 | −0.5 / −15 |
| | 1512 | 1.1 / 34 | | 1703 | 1.2 / 37 |
| | 1811 | 1.0 / 30 | | 1934 | 1.1 / 34 |
| | 2332 | 1.5 / 46 | | 2357 | 1.4 / 43 |
| **10** W | 0817 | −0.5 / −15 | **25** Th | 0920 | −0.6 / −18 |
| | 1630 | 1.3 / 40 | | 1728 | 1.2 / 37 |
| | 1911 | 1.2 / 37 | | 2029 | 1.1 / 34 |
| **11** Th | 0010 | 1.6 / 49 | **26** F | 0044 | 1.4 / 43 |
| | 0908 | −0.7 / −21 | | 0959 | −0.6 / −18 |
| | 1730 | 1.4 / 43 | | 1751 | 1.2 / 37 |
| | 2005 | 1.3 / 40 | | 2112 | 1.1 / 34 |
| **12** F ○ | 0056 | 1.7 / 52 | **27** Sa ● | 0133 | 1.4 / 43 |
| | 0959 | −0.8 / −24 | | 1034 | −0.6 / −18 |
| | 1820 | 1.4 / 43 | | 1813 | 1.2 / 37 |
| | 2052 | 1.3 / 40 | | 2150 | 1.0 / 30 |
| **13** Sa | 0149 | 1.7 / 52 | **28** Su | 0221 | 1.4 / 43 |
| | 1050 | −0.8 / −24 | | 1104 | −0.6 / −18 |
| | 1902 | 1.3 / 40 | | 1832 | 1.2 / 37 |
| | 2139 | 1.2 / 37 | | 2227 | 1.0 / 30 |
| **14** Su | 0245 | 1.7 / 52 | **29** M | 0308 | 1.4 / 43 |
| | 1140 | −0.8 / −24 | | 1131 | −0.5 / −15 |
| | 1936 | 1.2 / 37 | | 1850 | 1.2 / 37 |
| | 2231 | 1.1 / 34 | | 2305 | 0.9 / 27 |
| **15** M | 0344 | 1.7 / 52 | **30** Tu | 0354 | 1.3 / 40 |
| | 1228 | −0.6 / −18 | | 1154 | −0.4 / −12 |
| | 2003 | 1.2 / 37 | | 1907 | 1.2 / 37 |
| | 2331 | 1.0 / 30 | | 2347 | 0.8 / 24 |
| | | | **31** W | 0441 | 1.2 / 37 |
| | | | | 1216 | −0.4 / −12 |
| | | | | 1924 | 1.2 / 37 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Pensacola, Florida, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0426 | −0.2 | −6 |
| | 1740 | 1.0 | 30 |
| **2** W | 0444 | −0.4 | −12 |
| | 1804 | 1.1 | 34 |
| **3** Th | 0521 | −0.5 | −15 |
| | 1841 | 1.2 | 37 |
| **4** F | 0609 | −0.6 | −18 |
| | 1928 | 1.2 | 37 |
| **5** Sa | 0703 | −0.7 | −21 |
| | 2020 | 1.3 | 40 |
| **6** Su | 0755 | −0.7 | −21 |
| | 2109 | 1.3 | 40 |
| **7** M | 0839 | −0.8 | −24 |
| | 2153 | 1.4 | 43 |
| **8** Tu ● | 0915 | −0.9 | −27 |
| | 2232 | 1.4 | 43 |
| **9** W | 0942 | −0.8 | −24 |
| | 2308 | 1.3 | 40 |
| **10** Th | 1003 | −0.8 | −24 |
| | 2343 | 1.2 | 37 |
| **11** F | 1016 | −0.6 | −18 |
| **12** Sa | 0022 | 0.9 | 27 |
| | 1018 | −0.3 | −9 |
| **13** Su | 0109 | 0.6 | 18 |
| | 0957 | −0.1 | −3 |
| | 1728 | 0.3 | 9 |
| | 2312 | 0.1 | 3 |
| **14** M | 0243 | 0.2 | 6 |
| | 0839 | 0.1 | 3 |
| | 1623 | 0.6 | 18 |
| **15** Tu ◐ | 0145 | −0.1 | −3 |
| | 1622 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0258 | −0.4 | −12 |
| | 1653 | 1.1 | 34 |
| **17** Th | 0408 | −0.7 | −21 |
| | 1745 | 1.2 | 37 |
| **18** F | 0519 | −0.8 | −24 |
| | 1849 | 1.4 | 43 |
| **19** Sa | 0629 | −1.0 | −30 |
| | 1957 | 1.5 | 46 |
| **20** Su | 0733 | −1.1 | −34 |
| | 2101 | 1.5 | 46 |
| **21** M | 0827 | −1.1 | −34 |
| | 2157 | 1.5 | 46 |
| **22** Tu ○ | 0909 | −1.0 | −30 |
| | 2245 | 1.4 | 43 |
| **23** W | 0938 | −0.8 | −24 |
| | 2326 | 1.1 | 34 |
| **24** Th | 0950 | −0.6 | −18 |
| **25** F | 0003 | 0.9 | 27 |
| | 0940 | −0.3 | −9 |
| **26** Sa | 0038 | 0.5 | 15 |
| | 0900 | −0.1 | −3 |
| | 1619 | 0.3 | 9 |
| | 2149 | 0.1 | 3 |
| **27** Su | 0116 | 0.2 | 6 |
| | 0739 | 0.1 | 3 |
| | 1526 | 0.5 | 15 |
| **28** M | 0128 | 0.0 | 0 |
| | 1523 | 0.7 | 21 |
| **29** Tu ◑ | 0221 | −0.2 | −6 |
| | 1542 | 0.9 | 27 |
| **30** W | 0312 | −0.4 | −12 |
| | 1618 | 0.9 | 27 |
| **31** Th | 0410 | −0.5 | −15 |
| | 1710 | 1.0 | 30 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0511 | −0.6 | −18 |
| | 1812 | 1.1 | 34 |
| **2** Sa | 0608 | −0.7 | −21 |
| | 1916 | 1.2 | 37 |
| **3** Su | 0656 | −0.7 | −21 |
| | 2012 | 1.3 | 40 |
| **4** M | 0735 | −0.8 | −24 |
| | 2100 | 1.3 | 40 |
| **5** Tu | 0805 | −0.8 | −24 |
| | 2143 | 1.3 | 40 |
| **6** W ● | 0829 | −0.8 | −24 |
| | 2225 | 1.2 | 37 |
| **7** Th | 0846 | −0.6 | −18 |
| | 2311 | 1.0 | 30 |
| **8** F | 0854 | −0.4 | −12 |
| **9** Sa | 0009 | 0.8 | 24 |
| | 0847 | −0.1 | −3 |
| | 1526 | 0.2 | 6 |
| | 1828 | 0.1 | 3 |
| **10** Su | 0132 | 0.5 | 15 |
| | 0804 | 0.1 | 3 |
| | 1403 | 0.4 | 12 |
| | 2126 | 0.0 | 0 |
| **11** M | 1355 | 0.7 | 21 |
| | 2328 | −0.2 | −6 |
| **12** Tu | 1421 | 0.9 | 27 |
| **13** W ◐ | 0117 | −0.4 | −12 |
| | 1510 | 1.1 | 34 |
| **14** Th | 0255 | −0.6 | −18 |
| | 1617 | 1.3 | 40 |
| **15** F | 0421 | −0.7 | −21 |
| | 1735 | 1.4 | 43 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0534 | −0.8 | −24 |
| | 1854 | 1.4 | 43 |
| **17** Su | 0633 | −0.9 | −27 |
| | 2004 | 1.4 | 43 |
| **18** M | 0719 | −0.8 | −24 |
| | 2104 | 1.4 | 43 |
| **19** Tu | 0753 | −0.7 | −21 |
| | 2155 | 1.2 | 37 |
| **20** W ○ | 0812 | −0.5 | −15 |
| | 2244 | 1.0 | 30 |
| **21** Th | 0812 | −0.2 | −6 |
| | 2337 | 0.7 | 21 |
| **22** F | 0746 | 0.0 | 0 |
| | 1359 | 0.3 | 9 |
| | 1819 | 0.2 | 6 |
| **23** Sa | 0045 | 0.5 | 15 |
| | 0648 | 0.2 | 6 |
| | 1306 | 0.5 | 15 |
| | 2034 | 0.1 | 3 |
| **24** Su | 1259 | 0.7 | 21 |
| | 2204 | −0.1 | −3 |
| **25** M | 1311 | 0.9 | 27 |
| | 2322 | −0.2 | −6 |
| **26** Tu | 1337 | 1.0 | 30 |
| **27** W | 0046 | −0.2 | −6 |
| | 1419 | 1.0 | 30 |
| **28** Th ◑ | 0220 | −0.3 | −9 |
| | 1516 | 1.1 | 34 |
| **29** F | 0343 | −0.4 | −12 |
| | 1626 | 1.1 | 34 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0446 | −0.5 | −15 |
| | 1741 | 1.2 | 37 |
| **2** Su | 0534 | −0.5 | −15 |
| | 1847 | 1.3 | 40 |
| **3** M | 0610 | −0.6 | −18 |
| | 1944 | 1.3 | 40 |
| **4** Tu | 0638 | −0.6 | −18 |
| | 2038 | 1.3 | 40 |
| **5** W | 0659 | −0.4 | −12 |
| | 2135 | 1.1 | 34 |
| **6** Th | 0714 | −0.2 | −6 |
| | 2243 | 0.9 | 27 |
| **7** F ● | 0716 | 0.0 | 0 |
| | 1313 | 0.3 | 9 |
| | 1639 | 0.2 | 6 |
| **8** Sa | 0014 | 0.7 | 21 |
| | 0650 | 0.3 | 9 |
| | 1152 | 0.5 | 15 |
| | 1854 | 0.0 | 0 |
| **9** Su | 0251 | 0.5 | 15 |
| | 0502 | 0.4 | 12 |
| | 1136 | 0.8 | 24 |
| | 2026 | −0.2 | −6 |
| **10** M | 1155 | 1.1 | 34 |
| | 2154 | −0.3 | −9 |
| **11** Tu | 1235 | 1.3 | 40 |
| | 2333 | −0.4 | −12 |
| **12** W | 1331 | 1.4 | 43 |
| **13** Th | 0123 | −0.5 | −15 |
| | 1442 | 1.5 | 46 |
| **14** F ◐ | 0301 | −0.6 | −18 |
| | 1603 | 1.5 | 46 |
| **15** Sa | 0416 | −0.6 | −18 |
| | 1728 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0513 | −0.6 | −18 |
| | 1846 | 1.4 | 43 |
| **17** M | 0554 | −0.5 | −15 |
| | 1954 | 1.3 | 40 |
| **18** Tu | 0619 | −0.3 | −9 |
| | 2058 | 1.1 | 34 |
| **19** W | 0625 | 0.0 | 0 |
| | 2207 | 0.9 | 27 |
| **20** Th | 0604 | 0.2 | 6 |
| | 1205 | 0.5 | 15 |
| | 1706 | 0.3 | 9 |
| | 2335 | 0.6 | 18 |
| **21** F ○ | 0509 | 0.4 | 12 |
| | 1113 | 0.7 | 21 |
| | 1848 | 0.2 | 6 |
| **22** Sa | 1102 | 0.9 | 27 |
| | 1953 | 0.0 | 0 |
| **23** Su | 1109 | 1.1 | 34 |
| | 2045 | −0.1 | −3 |
| **24** M | 1127 | 1.2 | 37 |
| | 2138 | −0.2 | −6 |
| **25** Tu | 1156 | 1.3 | 40 |
| | 2244 | −0.2 | −6 |
| **26** W | 1237 | 1.3 | 40 |
| **27** Th | 0015 | −0.2 | −6 |
| | 1329 | 1.3 | 40 |
| **28** F | 0149 | −0.2 | −6 |
| | 1431 | 1.3 | 40 |
| **29** Sa ◑ | 0258 | −0.3 | −9 |
| | 1538 | 1.4 | 43 |
| **30** Su | 0347 | −0.3 | −9 |
| | 1644 | 1.4 | 43 |
| **31** M | 0421 | −0.3 | −9 |
| | 1750 | 1.3 | 40 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Pensacola, Florida, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0448 | −0.3 | −9 | 16 W | 0406 | 0.3 | 9 |
| | 1900 | 1.2 | 37 | | 1104 | 0.7 | 21 |
| | | | | | 1614 | 0.6 | 18 |
| | | | | | 2135 | 0.7 | 21 |
| 2 W | 0507 | −0.1 | −3 | 17 Th | 0308 | 0.5 | 15 |
| | 2026 | 1.0 | 30 | | 0952 | 0.9 | 27 |
| | | | | | 1748 | 0.3 | 9 |
| 3 Th | 0515 | 0.2 | 6 | 18 F | 0932 | 1.1 | 34 |
| | 1212 | 0.5 | 15 | | 1840 | 0.1 | 3 |
| | 1508 | 0.4 | 12 | | | | |
| | 2215 | 0.8 | 24 | | | | |
| 4 F | 0501 | 0.4 | 12 | 19 Sa | 0934 | 1.3 | 40 |
| | 1025 | 0.7 | 21 | | 1920 | −0.1 | −3 |
| | 1715 | 0.2 | 6 | | | | |
| 5 Sa | 0100 | 0.7 | 21 | 20 Su | 0948 | 1.4 | 43 |
| | 0338 | 0.6 | 18 | | 1959 | −0.2 | −6 |
| | 0952 | 1.0 | 30 | | | | |
| ● | 1831 | 0.0 | 0 | ○ | | | |
| 6 Su | 0958 | 1.2 | 37 | 21 M | 1011 | 1.5 | 46 |
| | 1940 | −0.3 | −9 | | 2044 | −0.2 | −6 |
| 7 M | 1027 | 1.5 | 46 | 22 Tu | 1043 | 1.5 | 46 |
| | 2053 | −0.4 | −12 | | 2141 | −0.2 | −6 |
| 8 Tu | 1113 | 1.6 | 49 | 23 W | 1124 | 1.6 | 49 |
| | 2220 | −0.5 | −15 | | 2255 | −0.2 | −6 |
| 9 W | 1211 | 1.7 | 52 | 24 Th | 1211 | 1.6 | 49 |
| | 2359 | −0.5 | −15 | | | | |
| 10 Th | 1318 | 1.7 | 52 | 25 F | 0010 | −0.2 | −6 |
| | | | | | 1301 | 1.6 | 49 |
| 11 F | 0131 | −0.5 | −15 | 26 Sa | 0109 | −0.3 | −9 |
| | 1430 | 1.7 | 52 | | 1351 | 1.6 | 49 |
| 12 Sa | 0243 | −0.5 | −15 | 27 Su | 0152 | −0.3 | −9 |
| | 1545 | 1.6 | 49 | | 1439 | 1.5 | 46 |
| ◐ | | | | | | | |
| 13 Su | 0335 | −0.4 | −12 | 28 M | 0222 | −0.2 | −6 |
| | 1657 | 1.5 | 46 | | 1527 | 1.4 | 43 |
| | | | | ◑ | | | |
| 14 M | 0409 | −0.2 | −6 | 29 Tu | 0244 | −0.1 | −3 |
| | 1810 | 1.2 | 37 | | 1629 | 1.2 | 37 |
| 15 Tu | 0421 | 0.0 | 0 | 30 W | 0256 | 0.1 | 3 |
| | 1934 | 1.0 | 30 | | 1828 | 0.9 | 27 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Th | 0250 | 0.4 | 12 | 16 F | 0810 | 1.4 | 43 |
| | 0945 | 0.8 | 24 | | 1816 | 0.0 | 0 |
| | 1559 | 0.5 | 15 | | | | |
| | 2147 | 0.7 | 21 | | | | |
| 2 F | 0155 | 0.6 | 18 | 17 Sa | 0821 | 1.5 | 46 |
| | 0843 | 1.0 | 30 | | 1849 | −0.2 | −6 |
| | 1704 | 0.2 | 6 | | | | |
| 3 Sa | 0829 | 1.3 | 40 | 18 Su | 0842 | 1.6 | 49 |
| | 1800 | −0.1 | −3 | | 1926 | −0.2 | −6 |
| 4 Su | 0844 | 1.5 | 46 | 19 M | 0911 | 1.7 | 52 |
| | 1900 | −0.4 | −12 | | 2012 | −0.3 | −9 |
| | | | | ○ | | | |
| 5 M | 0921 | 1.8 | 55 | 20 Tu | 0948 | 1.7 | 52 |
| | 2009 | −0.5 | −15 | | 2108 | −0.3 | −9 |
| ● | | | | | | | |
| 6 Tu | 1010 | 1.9 | 58 | 21 W | 1031 | 1.7 | 52 |
| | 2128 | −0.6 | −18 | | 2207 | −0.3 | −9 |
| 7 W | 1109 | 2.0 | 61 | 22 Th | 1114 | 1.7 | 52 |
| | 2253 | −0.6 | −18 | | 2300 | −0.3 | −9 |
| 8 Th | 1211 | 2.0 | 61 | 23 F | 1156 | 1.7 | 52 |
| | | | | | 2342 | −0.3 | −9 |
| 9 F | 0010 | −0.6 | −18 | 24 Sa | 1234 | 1.7 | 52 |
| | 1313 | 1.9 | 58 | | | | |
| 10 Sa | 0111 | −0.5 | −15 | 25 Su | 0013 | −0.3 | −9 |
| | 1411 | 1.7 | 52 | | 1308 | 1.6 | 49 |
| 11 Su | 0153 | −0.3 | −9 | 26 M | 0035 | −0.2 | −6 |
| | 1503 | 1.5 | 46 | | 1339 | 1.4 | 43 |
| ◐ | | | | | | | |
| 12 M | 0216 | −0.1 | −3 | 27 Tu | 0048 | −0.1 | −3 |
| | 1545 | 1.2 | 37 | | 1403 | 1.2 | 37 |
| | | | | ◑ | | | |
| 13 Tu | 0212 | 0.2 | 6 | 28 W | 0049 | 0.1 | 3 |
| | 1153 | 0.8 | 24 | | 1026 | 0.9 | 27 |
| 14 W | 0127 | 0.4 | 12 | 29 Th | 0023 | 0.4 | 12 |
| | 0902 | 0.9 | 27 | | 0802 | 0.9 | 27 |
| | 1721 | 0.5 | 15 | | 1603 | 0.5 | 15 |
| 15 Th | 0818 | 1.1 | 34 | 30 F | 0718 | 1.1 | 34 |
| | 1746 | 0.2 | 6 | | 1636 | 0.1 | 3 |
| | | | | 31 Sa | 0716 | 1.4 | 43 |
| | | | | | 1724 | −0.2 | −6 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Su | 0741 | 1.7 | 52 | 16 M | 0818 | 1.7 | 52 |
| | 1823 | −0.4 | −12 | | 1945 | −0.3 | −9 |
| 2 M | 0824 | 1.9 | 58 | 17 Tu | 0902 | 1.7 | 52 |
| | 1932 | −0.6 | −18 | | 2037 | −0.3 | −9 |
| 3 Tu | 0918 | 2.0 | 61 | 18 W | 0947 | 1.7 | 52 |
| | 2047 | −0.7 | −21 | | 2125 | −0.4 | −12 |
| ● | | | | ○ | | | |
| 4 W | 1018 | 2.1 | 64 | 19 Th | 1029 | 1.8 | 55 |
| | 2159 | −0.7 | −21 | | 2203 | −0.4 | −12 |
| 5 Th | 1117 | 2.1 | 64 | 20 F | 1106 | 1.8 | 55 |
| | 2301 | −0.7 | −21 | | 2232 | −0.4 | −12 |
| 6 F | 1212 | 2.0 | 61 | 21 Sa | 1138 | 1.7 | 52 |
| | 2349 | −0.6 | −18 | | 2252 | −0.4 | −12 |
| 7 Sa | 1300 | 1.8 | 55 | 22 Su | 1208 | 1.6 | 49 |
| | | | | | 2306 | −0.2 | −6 |
| 8 Su | 0021 | −0.4 | −12 | 23 M | 1236 | 1.4 | 43 |
| | 1339 | 1.5 | 46 | | 2312 | 0.0 | 0 |
| 9 M | 0032 | −0.1 | −3 | 24 Tu | 1259 | 1.1 | 34 |
| | 1357 | 1.1 | 34 | | 2302 | 0.2 | 6 |
| 10 Tu | 0013 | 0.2 | 6 | 25 W | 0810 | 0.8 | 24 |
| | 0933 | 0.8 | 24 | | 2218 | 0.4 | 12 |
| | 2304 | 0.4 | 12 | | | | |
| ◐ | | | | | | | |
| 11 W | 0719 | 1.0 | 30 | 26 Th | 0612 | 1.0 | 30 |
| | 1804 | 0.4 | 12 | | 1520 | 0.4 | 12 |
| | | | | ◑ | | | |
| 12 Th | 0648 | 1.2 | 37 | 27 F | 0546 | 1.2 | 37 |
| | 1713 | 0.1 | 3 | | 1548 | 0.1 | 3 |
| 13 F | 0650 | 1.4 | 43 | 28 Sa | 0558 | 1.5 | 46 |
| | 1736 | −0.1 | −3 | | 1641 | −0.2 | −6 |
| 14 Sa | 0709 | 1.5 | 46 | 29 Su | 0635 | 1.7 | 52 |
| | 1811 | −0.2 | −6 | | 1746 | −0.4 | −12 |
| 15 Su | 0739 | 1.6 | 49 | 30 M | 0728 | 1.9 | 58 |
| | 1854 | −0.3 | −9 | | 1856 | −0.6 | −18 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Pensacola, Florida, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0829<br>2005 | 2.0 61<br>−0.7 −21 | 16 W | 0903<br>2033 | 1.8 55<br>−0.3 −9 |
| 2 W ● | 0931<br>2106 | 2.1 64<br>−0.7 −21 | 17 Th | 0945<br>2103 | 1.8 55<br>−0.4 −12 |
| 3 Th | 1028<br>2157 | 2.1 64<br>−0.7 −21 | 18 F ○ | 1020<br>2125 | 1.8 55<br>−0.3 −9 |
| 4 F | 1120<br>2236 | 2.0 61<br>−0.5 −15 | 19 Sa | 1053<br>2139 | 1.7 52<br>−0.2 −6 |
| 5 Sa | 1205<br>2259 | 1.8 55<br>−0.3 −9 | 20 Su | 1127<br>2147 | 1.6 49<br>0.0 0 |
| 6 Su | 1243<br>2301 | 1.5 46<br>0.0 0 | 21 M | 1204<br>2145 | 1.3 40<br>0.2 6 |
| 7 M | 1311<br>2229 | 1.1 34<br>0.3 9 | 22 Tu | 1254<br>2124 | 1.1 34<br>0.4 12 |
| 8 Tu | 0700<br>2106 | 0.8 24<br>0.5 15 | 23 W | 0443<br>1019<br>1427<br>2016 | 0.8 24<br>0.7 21<br>0.8 24<br>0.6 18 |
| 9 W ◐ | 0514<br>1632 | 1.0 30<br>0.4 12 | 24 Th | 0350<br>1255 | 1.0 30<br>0.4 12 |
| 10 Th | 0459<br>1558 | 1.2 37<br>0.2 6 | 25 F ◑ | 0352<br>1423 | 1.3 40<br>0.2 6 |
| 11 F | 0513<br>1631 | 1.4 43<br>0.0 0 | 26 Sa | 0425<br>1542 | 1.5 46<br>−0.1 −3 |
| 12 Sa | 0544<br>1717 | 1.5 46<br>−0.1 −3 | 27 Su | 0519<br>1659 | 1.7 52<br>−0.3 −9 |
| 13 Su | 0628<br>1810 | 1.6 49<br>−0.2 −6 | 28 M | 0626<br>1810 | 1.9 58<br>−0.4 −12 |
| 14 M | 0720<br>1905 | 1.7 52<br>−0.2 −6 | 29 Tu | 0735<br>1914 | 2.0 61<br>−0.5 −15 |
| 15 Tu | 0814<br>1954 | 1.7 52<br>−0.3 −9 | 30 W | 0841<br>2007 | 2.1 64<br>−0.5 −15 |
| | | | 31 Th | 0939<br>2050 | 2.1 64<br>−0.4 −12 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 F ● | 1031<br>2121 | 1.9 58<br>−0.2 −6 | 16 Sa ○ | 1010<br>2019 | 1.7 52<br>0.1 3 |
| 2 Sa | 1118<br>2136 | 1.7 52<br>0.0 0 | 17 Su | 1057<br>2022 | 1.5 46<br>0.3 9 |
| 3 Su | 1205<br>2127 | 1.4 43<br>0.3 9 | 18 M | 1157<br>2010 | 1.3 40<br>0.6 18 |
| 4 M | 1258<br>2040 | 1.1 34<br>0.6 18 | 19 Tu | 0216<br>0638<br>1325<br>1925 | 0.8 24<br>0.7 21<br>1.0 30<br>0.8 24 |
| 5 Tu | 0306<br>0920<br>1426<br>1853 | 0.9 27<br>0.7 21<br>0.8 24<br>0.7 21 | 20 W | 0121<br>0855 | 1.1 34<br>0.6 18 |
| 6 W | 0236<br>1159 | 1.1 34<br>0.5 15 | 21 Th | 0119<br>1043 | 1.3 40<br>0.4 12 |
| 7 Th | 0244<br>1333 | 1.3 40<br>0.3 9 | 22 F | 0147<br>1231 | 1.5 46<br>0.2 6 |
| 8 F ◐ | 0312<br>1446 | 1.5 46<br>0.2 6 | 23 Sa ◑ | 0238<br>1418 | 1.7 52<br>0.1 3 |
| 9 Sa | 0356<br>1556 | 1.5 46<br>0.1 3 | 24 Su | 0346<br>1551 | 1.8 55<br>−0.1 −3 |
| 10 Su | 0454<br>1703 | 1.6 49<br>0.0 0 | 25 M | 0506<br>1706 | 1.9 58<br>−0.2 −6 |
| 11 M | 0601<br>1801 | 1.7 52<br>0.0 0 | 26 Tu | 0627<br>1806 | 2.0 61<br>−0.3 −9 |
| 12 Tu | 0707<br>1847 | 1.7 52<br>−0.1 −3 | 27 W | 0739<br>1854 | 2.1 64<br>−0.2 −6 |
| 13 W | 0803<br>1923 | 1.8 55<br>−0.1 −3 | 28 Th | 0842<br>1930 | 2.0 61<br>−0.1 −3 |
| 14 Th | 0849<br>1949 | 1.8 55<br>−0.1 −3 | 29 F | 0940<br>1953 | 1.8 55<br>0.2 6 |
| 15 F | 0930<br>2007 | 1.8 55<br>0.0 0 | 30 Sa ● | 1037<br>1955 | 1.6 49<br>0.5 15 |
| | | | 31 Su | 1143<br>1924 | 1.3 40<br>0.7 21 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 M | 0044<br>0624<br>1317<br>1805 | 0.9 27<br>0.7 21<br>1.0 30<br>0.9 27 | 16 Tu | 0643<br>2302 | 0.6 18<br>1.4 43 |
| 2 Tu | 0011<br>0818 | 1.2 37<br>0.6 18 | 17 W | 0802<br>2323 | 0.4 12<br>1.6 49 |
| 3 W | 0015<br>0941 | 1.4 43<br>0.4 12 | 18 Th | 0922 | 0.2 6 |
| 4 Th | 0035<br>1057 | 1.6 49<br>0.4 12 | 19 F | 0003<br>1056 | 1.8 55<br>0.1 3 |
| 5 F | 0109<br>1224 | 1.6 49<br>0.3 9 | 20 Sa | 0059<br>1246 | 1.9 58<br>0.1 3 |
| 6 Sa | 0155<br>1401 | 1.7 52<br>0.3 9 | 21 Su ◑ | 0210<br>1426 | 2.0 61<br>0.0 0 |
| 7 Su ◐ | 0256<br>1526 | 1.7 52<br>0.2 6 | 22 M | 0330<br>1543 | 2.0 61<br>−0.1 −3 |
| 8 M | 0410<br>1629 | 1.7 52<br>0.2 6 | 23 Tu | 0455<br>1640 | 2.0 61<br>−0.1 −3 |
| 9 Tu | 0525<br>1714 | 1.8 55<br>0.1 3 | 24 W | 0614<br>1722 | 2.0 61<br>0.0 0 |
| 10 W | 0632<br>1748 | 1.8 55<br>0.1 3 | 25 Th | 0727<br>1749 | 1.8 55<br>0.2 6 |
| 11 Th | 0728<br>1812 | 1.8 55<br>0.1 3 | 26 F | 0840<br>1757 | 1.6 49<br>0.5 15 |
| 12 F | 0821<br>1829 | 1.7 52<br>0.3 9 | 27 Sa | 1002<br>1733<br>2304 | 1.3 40<br>0.8 24<br>1.0 30 |
| 13 Sa | 0920<br>1837 | 1.6 49<br>0.5 15 | 28 Su | 0504<br>1156<br>1619<br>2224 | 0.8 24<br>1.1 34<br>1.0 30<br>1.3 40 |
| 14 Su | 1032<br>1831 | 1.4 43<br>0.7 21 | 29 M ● | 0635<br>2221 | 0.6 18<br>1.5 46 |
| 15 M ○ | 0003<br>0501<br>1209<br>1756<br>2310 | 0.9 27<br>0.8 24<br>1.2 37<br>1.0 30<br>1.2 37 | 30 Tu | 0738<br>2235 | 0.4 12<br>1.7 52 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Pensacola, Florida, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** W | 0831<br>2259 | 0.3<br>1.8 | 9<br>55 | **16** Th | 0828<br>2247 | 0.0<br>2.0 | 0<br>61 |
| **2** Th | 0926<br>2333 | 0.2<br>1.8 | 6<br>55 | **17** F | 0952<br>2344 | −0.1<br>2.1 | −3<br>64 |
| **3** F | 1035 | 0.2 | 6 | **18** Sa | 1130 | −0.2 | −6 |
| **4** Sa | 0016<br>1204 | 1.8<br>0.2 | 55<br>6 | **19** Su | 0050<br>1300 | 2.1<br>−0.2 | 64<br>−6 |
| **5** Su | 0109<br>1332 | 1.8<br>0.2 | 55<br>6 | **20** M | 0200<br>1410 | 2.1<br>−0.2 | 64<br>−6 |
| **6** M | 0210<br>1437 | 1.8<br>0.2 | 55<br>6 | **21** Tu ◑ | 0311<br>1502 | 1.9<br>−0.1 | 58<br>−3 |
| **7** Tu ◐ | 0315<br>1521 | 1.8<br>0.1 | 55<br>3 | **22** W | 0423<br>1536 | 1.8<br>0.1 | 55<br>3 |
| **8** W | 0418<br>1552 | 1.7<br>0.2 | 52<br>6 | **23** Th | 0538<br>1550 | 1.5<br>0.3 | 46<br>9 |
| **9** Th | 0521<br>1613 | 1.6<br>0.2 | 49<br>6 | **24** F | 0715<br>1533<br>2215 | 1.2<br>0.6<br>1.0 | 37<br>18<br>30 |
| **10** F | 0633<br>1626 | 1.5<br>0.4 | 46<br>12 | **25** Sa | 0406<br>0943<br>1421<br>2111 | 0.8<br>0.9<br>0.8<br>1.2 | 24<br>27<br>24<br>37 |
| **11** Sa | 0807<br>1625<br>2258 | 1.3<br>0.6<br>1.0 | 40<br>18<br>30 | **26** Su | 0531<br>2056 | 0.5<br>1.4 | 15<br>43 |
| **12** Su | 0347<br>1008<br>1559<br>2146 | 0.8<br>1.1<br>0.9<br>1.1 | 24<br>34<br>27<br>34 | **27** M | 0623<br>2104 | 0.2<br>1.6 | 6<br>49 |
| **13** M | 0514<br>2124 | 0.6<br>1.4 | 18<br>43 | **28** Tu ● | 0705<br>2123 | 0.1<br>1.7 | 3<br>52 |
| **14** Tu ○ | 0617<br>2132 | 0.3<br>1.6 | 9<br>49 | **29** W | 0747<br>2150 | 0.0<br>1.8 | 0<br>55 |
| **15** W | 0718<br>2202 | 0.1<br>1.8 | 3<br>55 | **30** Th | 0836<br>2226 | 0.0<br>1.8 | 0<br>55 |
| | | | | **31** F | 0936<br>2308 | 0.0<br>1.8 | 0<br>55 |

## November

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Sa | 1048<br>2354 | 0.0<br>1.8 | 0<br>55 | **16** Su | 1144 | −0.6 | −18 |
| **2** Su | 1156 | −0.1 | −3 | **17** M | 0049<br>1243 | 2.0<br>−0.5 | 61<br>−15 |
| **3** M | 0042<br>1249 | 1.7<br>−0.1 | 52<br>−3 | **18** Tu | 0145<br>1325 | 1.8<br>−0.4 | 55<br>−12 |
| **4** Tu | 0127<br>1326 | 1.7<br>−0.1 | 52<br>−3 | **19** W ◑ | 0236<br>1349 | 1.5<br>−0.1 | 46<br>−3 |
| **5** W ◐ | 0208<br>1352 | 1.6<br>0.0 | 49<br>0 | **20** Th | 0322<br>1345<br>2306 | 1.2<br>0.2<br>0.8 | 37<br>6<br>24 |
| **6** Th | 0247<br>1408 | 1.4<br>0.1 | 43<br>3 | **21** F | 1255<br>2022 | 0.4<br>0.9 | 12<br>27 |
| **7** F | 0331<br>1412<br>2320 | 1.2<br>0.3<br>0.9 | 37<br>9<br>27 | **22** Sa | 0446<br>1942 | 0.4<br>1.1 | 12<br>34 |
| **8** Sa | 0256<br>0539<br>1356<br>2104 | 0.8<br>0.9<br>0.5<br>1.0 | 24<br>27<br>15<br>30 | **23** Su | 0521<br>1940 | 0.1<br>1.4 | 3<br>43 |
| **9** Su | 0411<br>0958<br>1232<br>2015 | 0.6<br>0.7<br>0.6<br>1.2 | 18<br>21<br>18<br>37 | **24** M | 0556<br>1955 | −0.2<br>1.5 | −6<br>46 |
| **10** M | 0456<br>2005 | 0.2<br>1.4 | 6<br>43 | **25** Tu | 0633<br>2022 | −0.3<br>1.6 | −9<br>49 |
| **11** Tu | 0544<br>2023 | −0.1<br>1.6 | −3<br>49 | **26** W | 0715<br>2056 | −0.4<br>1.6 | −12<br>49 |
| **12** W | 0640<br>2059 | −0.3<br>1.8 | −9<br>55 | **27** Th ● | 0804<br>2136 | −0.4<br>1.6 | −12<br>49 |
| **13** Th ○ | 0747<br>2149 | −0.4<br>2.0 | −12<br>61 | **28** F | 0901<br>2219 | −0.4<br>1.6 | −12<br>49 |
| **14** F | 0906<br>2247 | −0.5<br>2.0 | −15<br>61 | **29** Sa | 0957<br>2302 | −0.4<br>1.6 | −12<br>49 |
| **15** Sa | 1029<br>2348 | −0.6<br>2.0 | −18<br>61 | **30** Su | 1046<br>2341 | −0.4<br>1.6 | −12<br>49 |

## December

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 1122 | −0.4 | −12 | **16** Tu | 0041<br>1157 | 1.6<br>−0.6 | 49<br>−18 |
| **2** Tu | 0014<br>1148 | 1.5<br>−0.4 | 46<br>−12 | **17** W | 0123<br>1210 | 1.2<br>−0.3 | 37<br>−9 |
| **3** W | 0043<br>1204 | 1.4<br>−0.3 | 43<br>−9 | **18** Th | 0154<br>1150<br>2044 | 0.8<br>0.0<br>0.5 | 24<br>0<br>15 |
| **4** Th | 0106<br>1212 | 1.2<br>−0.2 | 37<br>−6 | **19** F ◑ | 1026<br>1831 | 0.2<br>0.7 | 6<br>21 |
| **5** F ◐ | 0110<br>1207<br>2121 | 0.9<br>0.0<br>0.7 | 27<br>0<br>21 | **20** Sa | 0429<br>1807 | 0.1<br>0.9 | 3<br>27 |
| **6** Sa | 1131<br>1927 | 0.2<br>0.8 | 6<br>24 | **21** Su | 0439<br>1816 | −0.2<br>1.1 | −6<br>34 |
| **7** Su | 0407<br>1850 | 0.2<br>1.0 | 6<br>30 | **22** M | 0512<br>1842 | −0.4<br>1.3 | −12<br>40 |
| **8** M | 0422<br>1851 | −0.1<br>1.2 | −3<br>37 | **23** Tu | 0554<br>1919 | −0.6<br>1.3 | −18<br>40 |
| **9** Tu | 0506<br>1918 | −0.4<br>1.4 | −12<br>43 | **24** W | 0642<br>2004 | −0.6<br>1.3 | −18<br>40 |
| **10** W | 0603<br>2003 | −0.6<br>1.6 | −18<br>49 | **25** Th | 0734<br>2052 | −0.6<br>1.4 | −18<br>43 |
| **11** Th | 0711<br>2058 | −0.8<br>1.8 | −24<br>55 | **26** F | 0826<br>2138 | −0.7<br>1.4 | −21<br>43 |
| **12** F ○ | 0824<br>2158 | −0.9<br>1.8 | −27<br>55 | **27** Sa ● | 0910<br>2219 | −0.7<br>1.4 | −21<br>43 |
| **13** Sa | 0935<br>2257 | −1.0<br>1.9 | −30<br>58 | **28** Su | 0945<br>2253 | −0.7<br>1.4 | −21<br>43 |
| **14** Su | 1036<br>2352 | −1.0<br>1.8 | −30<br>55 | **29** M | 1009<br>2322 | −0.7<br>1.3 | −21<br>40 |
| **15** M | 1124 | −0.8 | −24 | **30** Tu | 1025<br>2349 | −0.6<br>1.1 | −18<br>34 |
| | | | | **31** W | 1033 | −0.5 | −15 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Dauphin Island, Alabama, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0500 | −0.2 | −6 |
| | 1741 | 0.9 | 27 |
| **2** W | 0503 | −0.3 | −9 |
| | 1804 | 1.0 | 30 |
| **3** Th | 0531 | −0.5 | −15 |
| | 1837 | 1.2 | 37 |
| **4** F | 0612 | −0.6 | −18 |
| | 1915 | 1.2 | 37 |
| **5** Sa | 0701 | −0.6 | −18 |
| | 1957 | 1.3 | 40 |
| **6** Su | 0753 | −0.7 | −21 |
| | 2039 | 1.3 | 40 |
| **7** M | 0844 | −0.7 | −21 |
| | 2120 | 1.3 | 40 |
| **8** Tu ● | 0927 | −0.7 | −21 |
| | 2158 | 1.3 | 40 |
| **9** W | 1003 | −0.7 | −21 |
| | 2233 | 1.2 | 37 |
| **10** Th | 1031 | −0.6 | −18 |
| | 2305 | 1.1 | 34 |
| **11** F | 1051 | −0.5 | −15 |
| | 2332 | 0.9 | 27 |
| **12** Sa | 1055 | −0.3 | −9 |
| | 2343 | 0.6 | 18 |
| **13** Su | 1015 | −0.1 | −3 |
| | 2015 | 0.3 | 9 |
| **14** M | 0800 | 0.1 | 3 |
| | 1655 | 0.5 | 15 |
| **15** Tu ◐ | 0353 | −0.1 | −3 |
| | 1635 | 0.7 | 21 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0352 | −0.4 | −12 |
| | 1700 | 1.0 | 30 |
| **17** Th | 0436 | −0.6 | −18 |
| | 1743 | 1.2 | 37 |
| **18** F | 0534 | −0.8 | −24 |
| | 1835 | 1.3 | 40 |
| **19** Sa | 0641 | −0.9 | −27 |
| | 1932 | 1.4 | 43 |
| **20** Su | 0750 | −0.9 | −27 |
| | 2029 | 1.4 | 43 |
| **21** M | 0854 | −0.9 | −27 |
| | 2123 | 1.4 | 43 |
| **22** Tu ○ | 0949 | −0.8 | −24 |
| | 2211 | 1.2 | 37 |
| **23** W | 1033 | −0.7 | −21 |
| | 2253 | 1.0 | 30 |
| **24** Th | 1102 | −0.5 | −15 |
| | 2327 | 0.8 | 24 |
| **25** F | 1100 | −0.2 | −6 |
| | 2350 | 0.5 | 15 |
| **26** Sa | 0943 | 0.0 | 0 |
| | 2322 | 0.3 | 9 |
| **27** Su | 0721 | 0.1 | 3 |
| | 1533 | 0.4 | 12 |
| **28** M | 0414 | 0.0 | 0 |
| | 1526 | 0.6 | 18 |
| **29** Tu ◑ | 0312 | −0.2 | −6 |
| | 1550 | 0.8 | 24 |
| **30** W | 0333 | −0.4 | −12 |
| | 1627 | 0.9 | 27 |
| **31** Th | 0414 | −0.5 | −15 |
| | 1711 | 1.0 | 30 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0505 | −0.6 | −18 |
| | 1801 | 1.0 | 30 |
| **2** Sa | 0600 | −0.6 | −18 |
| | 1853 | 1.1 | 34 |
| **3** Su | 0655 | −0.6 | −18 |
| | 1942 | 1.1 | 34 |
| **4** M | 0744 | −0.7 | −21 |
| | 2027 | 1.2 | 37 |
| **5** Tu | 0825 | −0.7 | −21 |
| | 2109 | 1.1 | 34 |
| **6** W ● | 0900 | −0.6 | −18 |
| | 2149 | 1.1 | 34 |
| **7** Th | 0929 | −0.5 | −15 |
| | 2228 | 0.9 | 27 |
| **8** F | 0948 | −0.3 | −9 |
| | 2311 | 0.7 | 21 |
| **9** Sa | 0936 | −0.1 | −3 |
| **10** Su | 0002 | 0.4 | 12 |
| | 0755 | 0.1 | 3 |
| | 1412 | 0.3 | 9 |
| | 2240 | 0.1 | 3 |
| **11** M | 1351 | 0.6 | 18 |
| **12** Tu | 0105 | −0.2 | −6 |
| | 1424 | 0.8 | 24 |
| **13** W ◐ | 0211 | −0.4 | −12 |
| | 1514 | 1.0 | 30 |
| **14** Th | 0319 | −0.6 | −18 |
| | 1615 | 1.2 | 37 |
| **15** F | 0431 | −0.7 | −21 |
| | 1722 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0543 | −0.8 | −24 |
| | 1830 | 1.3 | 40 |
| **17** Su | 0653 | −0.8 | −24 |
| | 1934 | 1.3 | 40 |
| **18** M | 0754 | −0.7 | −21 |
| | 2033 | 1.2 | 37 |
| **19** Tu | 0847 | −0.6 | −18 |
| | 2124 | 1.1 | 34 |
| **20** W ○ | 0931 | −0.4 | −12 |
| | 2211 | 0.9 | 27 |
| **21** Th | 1001 | −0.2 | −6 |
| | 2256 | 0.7 | 21 |
| **22** F | 0926 | 0.1 | 3 |
| | 2349 | 0.4 | 12 |
| **23** Sa | 0646 | 0.2 | 6 |
| | 1203 | 0.3 | 9 |
| | 1930 | 0.1 | 3 |
| **24** Su | 1225 | 0.5 | 15 |
| | 2248 | 0.0 | 0 |
| **25** M | 1257 | 0.7 | 21 |
| **26** Tu | 0017 | −0.2 | −6 |
| | 1336 | 0.9 | 27 |
| **27** W | 0121 | −0.3 | −9 |
| | 1422 | 0.9 | 27 |
| **28** Th ◑ | 0224 | −0.3 | −9 |
| | 1517 | 1.0 | 30 |
| **29** F | 0330 | −0.4 | −12 |
| | 1619 | 1.0 | 30 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0433 | −0.4 | −12 |
| | 1723 | 1.1 | 34 |
| **2** Su | 0530 | −0.4 | −12 |
| | 1823 | 1.1 | 34 |
| **3** M | 0618 | −0.5 | −15 |
| | 1917 | 1.1 | 34 |
| **4** Tu | 0659 | −0.4 | −12 |
| | 2007 | 1.1 | 34 |
| **5** W | 0734 | −0.4 | −12 |
| | 2059 | 1.0 | 30 |
| **6** Th | 0804 | −0.2 | −6 |
| | 2158 | 0.8 | 24 |
| **7** F ● | 0818 | 0.1 | 3 |
| | 2320 | 0.6 | 18 |
| **8** Sa | 0703 | 0.3 | 9 |
| | 1047 | 0.4 | 12 |
| | 1802 | 0.1 | 3 |
| **9** Su | 1054 | 0.7 | 21 |
| | 2047 | 0.0 | 0 |
| **10** M | 1133 | 0.9 | 27 |
| | 2241 | −0.2 | −6 |
| **11** Tu | 1224 | 1.1 | 34 |
| **12** W | 0015 | −0.4 | −12 |
| | 1323 | 1.3 | 40 |
| **13** Th | 0144 | −0.5 | −15 |
| | 1432 | 1.4 | 43 |
| **14** F ◐ | 0309 | −0.5 | −15 |
| | 1547 | 1.4 | 43 |
| **15** Sa | 0426 | −0.5 | −15 |
| | 1705 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0535 | −0.5 | −15 |
| | 1820 | 1.3 | 40 |
| **17** M | 0633 | −0.4 | −12 |
| | 1928 | 1.2 | 37 |
| **18** Tu | 0722 | −0.2 | −6 |
| | 2030 | 1.0 | 30 |
| **19** W | 0758 | 0.0 | 0 |
| | 2133 | 0.8 | 24 |
| **20** Th | 0736 | 0.2 | 6 |
| | 1013 | 0.3 | 9 |
| | 1351 | 0.2 | 6 |
| | 2253 | 0.6 | 18 |
| **21** F ○ | 0459 | 0.4 | 12 |
| | 0941 | 0.5 | 15 |
| | 1736 | 0.2 | 6 |
| **22** Sa | 1006 | 0.8 | 24 |
| | 1937 | 0.1 | 3 |
| **23** Su | 1035 | 0.9 | 27 |
| | 2057 | 0.0 | 0 |
| **24** M | 1107 | 1.1 | 34 |
| | 2203 | −0.1 | −3 |
| **25** Tu | 1144 | 1.2 | 37 |
| | 2308 | −0.2 | −6 |
| **26** W | 1227 | 1.2 | 37 |
| **27** Th | 0020 | −0.2 | −6 |
| | 1317 | 1.2 | 37 |
| **28** F | 0136 | −0.2 | −6 |
| | 1416 | 1.2 | 37 |
| **29** Sa ◑ | 0244 | −0.2 | −6 |
| | 1521 | 1.2 | 37 |
| **30** Su | 0340 | −0.2 | −6 |
| | 1626 | 1.2 | 37 |
| **31** M | 0426 | −0.2 | −6 |
| | 1730 | 1.2 | 37 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Dauphin Island, Alabama, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Tu | 0503<br>1834 | −0.2 / −6<br>1.1 / 34 | 16 W | 0450<br>2057 | 0.4 / 12<br>0.7 / 21 |
| 2 W | 0532<br>1949 | 0.0 / 0<br>0.9 / 27 | 17 Th | 0249<br>0838<br>1648 | 0.6 / 18<br>0.7 / 21<br>0.3 / 9 |
| 3 Th | 0545<br>2130 | 0.2 / 6<br>0.7 / 21 | 18 F | 0838<br>1819 | 0.9 / 27<br>0.1 / 3 |
| 4 F | 0506<br>0935<br>1630 | 0.4 / 12<br>0.5 / 15<br>0.3 / 9 | 19 Sa | 0857<br>1917 | 1.2 / 37<br>0.0 / 0 |
| 5 Sa ● | 0903<br>1829 | 0.8 / 24<br>0.1 / 3 | 20 Su ○ | 0923<br>2004 | 1.3 / 40<br>−0.1 / −3 |
| 6 Su | 0925<br>1956 | 1.1 / 34<br>−0.2 / −6 | 21 M | 0952<br>2051 | 1.4 / 43<br>−0.2 / −6 |
| 7 M | 1005<br>2117 | 1.4 / 43<br>−0.3 / −9 | 22 Tu | 1025<br>2145 | 1.4 / 43<br>−0.2 / −6 |
| 8 Tu | 1055<br>2242 | 1.5 / 46<br>−0.4 / −12 | 23 W | 1104<br>2249 | 1.4 / 43<br>−0.2 / −6 |
| 9 W | 1152 | 1.6 / 49 | 24 Th | 1147<br>2357 | 1.4 / 43<br>−0.2 / −6 |
| 10 Th | 0013<br>1257 | −0.4 / −12<br>1.6 / 49 | 25 F | 1234 | 1.4 / 43 |
| 11 F | 0140<br>1407 | −0.4 / −12<br>1.6 / 49 | 26 Sa | 0059<br>1324 | −0.2 / −6<br>1.4 / 43 |
| 12 Sa ◐ | 0256<br>1521 | −0.4 / −12<br>1.4 / 43 | 27 Su | 0149<br>1414 | −0.1 / −3<br>1.3 / 40 |
| 13 Su | 0359<br>1636 | −0.3 / −9<br>1.3 / 40 | 28 M ◑ | 0227<br>1505 | −0.1 / −3<br>1.2 / 37 |
| 14 M | 0447<br>1750 | −0.1 / −3<br>1.1 / 34 | 29 Tu | 0255<br>1601 | 0.0 / 0<br>1.1 / 34 |
| 15 Tu | 0514<br>1909 | 0.1 / 3<br>0.9 / 27 | 30 W | 0309<br>1730 | 0.2 / 6<br>0.8 / 24 |

## May

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Th | 0251<br>0955<br>1549<br>2121 | 0.4 / 12<br>0.7 / 21<br>0.5 / 15<br>0.6 / 18 | 16 F | 0738<br>1812 | 1.2 / 37<br>0.0 / 0 |
| 2 F | 0051<br>0815<br>1714 | 0.5 / 15<br>0.9 / 27<br>0.2 / 6 | 17 Sa | 0756<br>1847 | 1.4 / 43<br>−0.1 / −3 |
| 3 Sa | 0801<br>1814 | 1.1 / 34<br>−0.1 / −3 | 18 Su | 0822<br>1925 | 1.5 / 46<br>−0.2 / −6 |
| 4 Su | 0823<br>1915 | 1.4 / 43<br>−0.3 / −9 | 19 M ○ | 0852<br>2008 | 1.6 / 49<br>−0.2 / −6 |
| 5 M ● | 0901<br>2022 | 1.7 / 52<br>−0.4 / −12 | 20 Tu | 0926<br>2058 | 1.6 / 49<br>−0.2 / −6 |
| 6 Tu | 0948<br>2139 | 1.8 / 55<br>−0.5 / −15 | 21 W | 1004<br>2155 | 1.6 / 49<br>−0.2 / −6 |
| 7 W | 1043<br>2301 | 1.8 / 55<br>−0.5 / −15 | 22 Th | 1044<br>2251 | 1.5 / 46<br>−0.2 / −6 |
| 8 Th | 1141 | 1.8 / 55 | 23 F | 1123<br>2338 | 1.5 / 46<br>−0.2 / −6 |
| 9 F | 0021<br>1242 | −0.5 / −15<br>1.7 / 52 | 24 Sa | 1201 | 1.5 / 46 |
| 10 Sa | 0129<br>1342 | −0.4 / −12<br>1.5 / 46 | 25 Su | 0016<br>1236 | −0.2 / −6<br>1.4 / 43 |
| 11 Su ◐ | 0221<br>1439 | −0.2 / −6<br>1.3 / 40 | 26 M | 0044<br>1305 | −0.1 / −3<br>1.2 / 37 |
| 12 M | 0252<br>1531 | 0.0 / 0<br>1.1 / 34 | 27 Tu ◑ | 0101<br>1318 | 0.0 / 0<br>1.0 / 30 |
| 13 Tu | 0247<br>1615 | 0.3 / 9<br>0.8 / 24 | 28 W | 0058<br>1127 | 0.2 / 6<br>0.8 / 24 |
| 14 W | 0126<br>0838<br>1704 | 0.5 / 15<br>0.7 / 21<br>0.5 / 15 | 29 Th | 0007<br>0815<br>1736 | 0.4 / 12<br>0.8 / 24<br>0.4 / 12 |
| 15 Th | 0736<br>1738 | 0.9 / 27<br>0.2 / 6 | 30 F | 0708<br>1709 | 1.0 / 30<br>0.1 / 3 |
| | | | 31 Sa | 0701<br>1745 | 1.3 / 40<br>−0.2 / −6 |

## June

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Su | 0725<br>1836 | 1.6 / 49<br>−0.4 / −12 | 16 M | 0757<br>1932 | 1.6 / 49<br>−0.3 / −9 |
| 2 M | 0804<br>1939 | 1.8 / 55<br>−0.5 / −15 | 17 Tu | 0835<br>2024 | 1.6 / 49<br>−0.3 / −9 |
| 3 Tu ● | 0852<br>2051 | 1.9 / 58<br>−0.6 / −18 | 18 W ○ | 0915<br>2115 | 1.6 / 49<br>−0.3 / −9 |
| 4 W | 0946<br>2207 | 1.9 / 58<br>−0.6 / −18 | 19 Th | 0954<br>2201 | 1.6 / 49<br>−0.3 / −9 |
| 5 Th | 1042<br>2316 | 1.9 / 58<br>−0.6 / −18 | 20 F | 1030<br>2237 | 1.5 / 46<br>−0.3 / −9 |
| 6 F | 1136 | 1.8 / 55 | 21 Sa | 1102<br>2304 | 1.5 / 46<br>−0.3 / −9 |
| 7 Sa | 0014<br>1226 | −0.4 / −12<br>1.6 / 49 | 22 Su | 1130<br>2322 | 1.4 / 43<br>−0.2 / −6 |
| 8 Su | 0056<br>1308 | −0.2 / −6<br>1.3 / 40 | 23 M | 1151<br>2328 | 1.2 / 37<br>0.0 / 0 |
| 9 M | 0113<br>1332 | 0.0 / 0<br>1.0 / 30 | 24 Tu | 1148<br>2308 | 1.0 / 30<br>0.2 / 6 |
| 10 Tu ◐ | 0042<br>1209<br>2244 | 0.3 / 9<br>0.7 / 21<br>0.4 / 12 | 25 W | 0923<br>2144 | 0.8 / 24<br>0.4 / 12 |
| 11 W | 0711<br>1837 | 0.8 / 24<br>0.4 / 12 | 26 Th ◑ | 0634<br>1711 | 0.8 / 24<br>0.3 / 9 |
| 12 Th | 0624<br>1722 | 1.0 / 30<br>0.1 / 3 | 27 F | 0546<br>1629 | 1.1 / 34<br>0.0 / 0 |
| 13 F | 0630<br>1737 | 1.2 / 37<br>−0.1 / −3 | 28 Sa | 0552<br>1702 | 1.3 / 40<br>−0.2 / −6 |
| 14 Sa | 0652<br>1807 | 1.4 / 43<br>−0.2 / −6 | 29 Su | 0623<br>1754 | 1.6 / 49<br>−0.4 / −12 |
| 15 Su | 0722<br>1846 | 1.5 / 46<br>−0.3 / −9 | 30 M | 0708<br>1858 | 1.8 / 55<br>−0.6 / −18 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Dauphin Island, Alabama, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Tu | 0800<br>2009 | 1.9 / 58<br>−0.6 / −18 | 16 W | 0825<br>2031 | 1.6 / 49<br>−0.3 / −9 |
| 2 W ● | 0855<br>2118 | 1.9 / 58<br>−0.6 / −18 | 17 Th | 0906<br>2110 | 1.6 / 49<br>−0.3 / −9 |
| 3 Th | 0950<br>2220 | 1.9 / 58<br>−0.6 / −18 | 18 F ○ | 0943<br>2139 | 1.5 / 46<br>−0.2 / −6 |
| 4 F | 1042<br>2310 | 1.7 / 52<br>−0.4 / −12 | 19 Sa | 1015<br>2200 | 1.5 / 46<br>−0.1 / −3 |
| 5 Sa | 1127<br>2346 | 1.5 / 46<br>−0.2 / −6 | 20 Su | 1043<br>2212 | 1.4 / 43<br>0.0 / 0 |
| 6 Su | 1204<br>2354 | 1.3 / 40<br>0.1 / 3 | 21 M | 1107<br>2205 | 1.2 / 37<br>0.2 / 6 |
| 7 M | 1225<br>2258 | 1.0 / 30<br>0.3 / 9 | 22 Tu | 1113<br>2118 | 0.9 / 27<br>0.4 / 12 |
| 8 Tu | 1101<br>2031 | 0.7 / 21<br>0.4 / 12 | 23 W | 0627<br>1858 | 0.7 / 21<br>0.5 / 15 |
| 9 W ◐ | 0511<br>1706 | 0.8 / 24<br>0.3 / 9 | 24 Th | 0406<br>1504 | 0.9 / 27<br>0.3 / 9 |
| 10 Th | 0446<br>1615 | 1.0 / 30<br>0.1 / 3 | 25 F ◑ | 0355<br>1513 | 1.2 / 37<br>0.0 / 0 |
| 11 F | 0503<br>1634 | 1.2 / 37<br>−0.1 / −3 | 26 Sa | 0422<br>1600 | 1.4 / 43<br>−0.2 / −6 |
| 12 Sa | 0534<br>1710 | 1.4 / 43<br>−0.2 / −6 | 27 Su | 0508<br>1701 | 1.6 / 49<br>−0.3 / −9 |
| 13 Su | 0612<br>1756 | 1.5 / 46<br>−0.2 / −6 | 28 M | 0603<br>1809 | 1.8 / 55<br>−0.4 / −12 |
| 14 M | 0655<br>1848 | 1.5 / 46<br>−0.3 / −9 | 29 Tu | 0703<br>1919 | 1.9 / 58<br>−0.5 / −15 |
| 15 Tu | 0741<br>1942 | 1.6 / 49<br>−0.3 / −9 | 30 W | 0803<br>2025 | 1.9 / 58<br>−0.5 / −15 |
| | | | 31 Th | 0900<br>2123 | 1.8 / 55<br>−0.4 / −12 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 F ● | 0952<br>2210 | 1.7 / 52<br>−0.2 / −6 | 16 Sa ○ | 0928<br>2048 | 1.5 / 46<br>0.1 / 3 |
| 2 Sa | 1039<br>2245 | 1.5 / 46<br>0.0 / 0 | 17 Su | 1006<br>2053 | 1.3 / 40<br>0.3 / 9 |
| 3 Su | 1120<br>2246 | 1.2 / 37<br>0.3 / 9 | 18 M | 1050<br>2021 | 1.1 / 34<br>0.5 / 15 |
| 4 M | 1156<br>2053 | 1.0 / 30<br>0.6 / 18 | 19 Tu | 1154<br>1830 | 0.9 / 27<br>0.7 / 21 |
| 5 Tu | 0320<br>0714<br>1209<br>1742 | 0.7 / 21<br>0.6 / 18<br>0.7 / 21<br>0.6 / 18 | 20 W | 0113<br>1022 | 0.9 / 27<br>0.6 / 18 |
| 6 W | 0210<br>1349 | 0.9 / 27<br>0.4 / 12 | 21 Th | 0110<br>1214 | 1.2 / 37<br>0.3 / 9 |
| 7 Th | 0232<br>1413 | 1.1 / 34<br>0.2 / 6 | 22 F | 0143<br>1325 | 1.4 / 43<br>0.1 / 3 |
| 8 F ◐ | 0307<br>1455 | 1.3 / 40<br>0.1 / 3 | 23 Sa ◑ | 0233<br>1436 | 1.6 / 49<br>0.0 / 0 |
| 9 Sa | 0351<br>1545 | 1.4 / 43<br>0.0 / 0 | 24 Su | 0334<br>1550 | 1.7 / 52<br>−0.1 / −3 |
| 10 Su | 0441<br>1643 | 1.5 / 46<br>0.0 / 0 | 25 M | 0442<br>1705 | 1.8 / 55<br>−0.2 / −6 |
| 11 M | 0536<br>1743 | 1.5 / 46<br>−0.1 / −3 | 26 Tu | 0553<br>1815 | 1.9 / 58<br>−0.2 / −6 |
| 12 Tu | 0632<br>1838 | 1.6 / 49<br>−0.1 / −3 | 27 W | 0701<br>1917 | 1.9 / 58<br>−0.1 / −3 |
| 13 W | 0724<br>1925 | 1.6 / 49<br>−0.1 / −3 | 28 Th | 0804<br>2013 | 1.8 / 55<br>0.0 / 0 |
| 14 Th | 0810<br>2002 | 1.6 / 49<br>0.0 / 0 | 29 F | 0900<br>2100 | 1.6 / 49<br>0.2 / 6 |
| 15 F | 0851<br>2030 | 1.6 / 49<br>0.0 / 0 | 30 Sa ● | 0954<br>2138 | 1.4 / 43<br>0.5 / 15 |
| | | | 31 Su | 1052<br>2024<br>2247 | 1.2 / 37<br>0.6 / 18<br>0.7 / 21 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 M | 0403<br>1218<br>1702<br>2308 | 0.7 / 21<br>0.9 / 27<br>0.8 / 24<br>1.0 / 30 | 16 Tu | 0645<br>2236 | 0.7 / 21<br>1.3 / 40 |
| 2 Tu | 0805<br>2342 | 0.6 / 18<br>1.2 / 37 | 17 W | 0843<br>2307 | 0.4 / 12<br>1.5 / 46 |
| 3 W | 1022 | 0.4 / 12 | 18 Th | 1014<br>2352 | 0.2 / 6<br>1.7 / 52 |
| 4 Th | 0019<br>1142 | 1.4 / 43<br>0.3 / 9 | 19 F | 1139 | 0.1 / 3 |
| 5 F | 0101<br>1248 | 1.5 / 46<br>0.2 / 6 | 20 Sa | 0048<br>1304 | 1.9 / 58<br>0.0 / 0 |
| 6 Sa | 0149<br>1355 | 1.6 / 49<br>0.2 / 6 | 21 Su ◑ | 0153<br>1427 | 1.9 / 58<br>0.0 / 0 |
| 7 Su ◐ | 0246<br>1504 | 1.6 / 49<br>0.2 / 6 | 22 M | 0306<br>1544 | 1.9 / 58<br>0.0 / 0 |
| 8 M | 0349<br>1608 | 1.6 / 49<br>0.2 / 6 | 23 Tu | 0423<br>1651 | 1.9 / 58<br>0.0 / 0 |
| 9 Tu | 0455<br>1704 | 1.6 / 49<br>0.2 / 6 | 24 W | 0538<br>1747 | 1.8 / 55<br>0.1 / 3 |
| 10 W | 0556<br>1748 | 1.6 / 49<br>0.2 / 6 | 25 Th | 0649<br>1833 | 1.7 / 52<br>0.3 / 9 |
| 11 Th | 0651<br>1822 | 1.6 / 49<br>0.2 / 6 | 26 F | 0757<br>1859 | 1.5 / 46<br>0.6 / 18 |
| 12 F | 0741<br>1847 | 1.5 / 46<br>0.3 / 9 | 27 Sa | 0910<br>1801<br>2138 | 1.2 / 37<br>0.8 / 24<br>0.9 / 27 |
| 13 Sa | 0832<br>1859 | 1.4 / 43<br>0.5 / 15 | 28 Su | 0309<br>1102<br>1513<br>2120 | 0.8 / 24<br>1.0 / 30<br>0.9 / 27<br>1.1 / 34 |
| 14 Su | 0934<br>1839 | 1.2 / 37<br>0.7 / 21 | 29 M ● | 0607<br>2143 | 0.6 / 18<br>1.4 / 43 |
| 15 M ○ | 0024<br>0302<br>1111<br>1704<br>2234 | 0.8 / 24<br>0.7 / 21<br>1.0 / 30<br>0.9 / 27<br>1.0 / 30 | 30 Tu | 0746<br>2212 | 0.5 / 15<br>1.6 / 49 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Dauphin Island, Alabama, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| 1 W | 0855 | 0.3 | 9 | 16 Th 0901 | 0.0 | 0 |
| | 2245 | 1.7 | 52 | 2232 | 2.0 | 61 |
| 2 Th | 0954 | 0.3 | 9 | 17 F 1020 | −0.1 | −3 |
| | 2322 | 1.7 | 52 | 2325 | 2.0 | 61 |
| 3 F | 1056 | 0.2 | 6 | 18 Sa 1144 | −0.1 | −3 |
| 4 Sa | 0005 | 1.7 | 52 | 19 Su 0026 | 2.0 | 61 |
| | 1205 | 0.2 | 6 | 1306 | −0.1 | −3 |
| 5 Su | 0054 | 1.7 | 52 | 20 M 0132 | 2.0 | 61 |
| | 1317 | 0.2 | 6 | 1418 | −0.1 | −3 |
| 6 M | 0150 | 1.7 | 52 | 21 Tu 0241 | 1.9 | 58 |
| | 1420 | 0.2 | 6 | 1517 | 0.0 | 0 |
| 7 Tu | 0250 | 1.6 | 49 | 22 W 0350 | 1.7 | 52 |
| | 1510 | 0.2 | 6 | 1601 | 0.2 | 6 |
| 8 W | 0350 | 1.6 | 49 | 23 Th 0500 | 1.4 | 43 |
| | 1548 | 0.3 | 9 | 1621 | 0.4 | 12 |
| 9 Th | 0449 | 1.5 | 46 | 24 F 0616 | 1.2 | 37 |
| | 1615 | 0.4 | 12 | 1545 | 0.7 | 21 |
| | | | | 2238 | 0.8 | 24 |
| 10 F | 0549 | 1.4 | 43 | 25 Sa 0158 | 0.7 | 21 |
| | 1629 | 0.5 | 15 | 0819 | 0.9 | 27 |
| | | | | 1333 | 0.8 | 24 |
| | | | | 2026 | 1.1 | 34 |
| 11 Sa | 0702 | 1.2 | 37 | 26 Su 0517 | 0.6 | 18 |
| | 1619 | 0.7 | 21 | 2023 | 1.3 | 40 |
| | 2350 | 0.9 | 27 | | | |
| 12 Su | 0222 | 0.8 | 24 | 27 M 0630 | 0.4 | 12 |
| | 0900 | 1.0 | 30 | 2041 | 1.5 | 46 |
| | 1516 | 0.9 | 27 | | | |
| | 2125 | 1.1 | 34 | | | |
| 13 M | 0519 | 0.7 | 21 | 28 Tu 0720 | 0.2 | 6 |
| | 2100 | 1.3 | 40 | 2107 | 1.7 | 52 |
| 14 Tu | 0642 | 0.4 | 12 | 29 W 0805 | 0.1 | 3 |
| | 2114 | 1.6 | 49 | 2137 | 1.8 | 55 |
| 15 W | 0751 | 0.2 | 6 | 30 Th 0852 | 0.0 | 0 |
| | 2147 | 1.8 | 55 | 2212 | 1.8 | 55 |
| | | | | 31 F 0946 | 0.0 | 0 |
| | | | | 2250 | 1.8 | 55 |

## November

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| 1 Sa | 1048 | 0.0 | 0 | 16 Su 1157 | −0.4 | −12 |
| | 2333 | 1.7 | 52 | | | |
| 2 Su | 1150 | 0.0 | 0 | 17 M 0017 | 1.9 | 58 |
| | | | | 1301 | −0.4 | −12 |
| 3 M | 0017 | 1.7 | 52 | 18 Tu 0113 | 1.7 | 52 |
| | 1244 | 0.0 | 0 | 1350 | −0.2 | −6 |
| 4 Tu | 0101 | 1.6 | 49 | 19 W 0205 | 1.5 | 46 |
| | 1324 | 0.1 | 3 | 1419 | 0.0 | 0 |
| 5 W | 0142 | 1.5 | 46 | 20 Th 0248 | 1.2 | 37 |
| | 1353 | 0.1 | 3 | 1412 | 0.3 | 9 |
| 6 Th | 0218 | 1.4 | 43 | 21 F 0249 | 0.8 | 24 |
| | 1410 | 0.2 | 6 | 1247 | 0.5 | 15 |
| | | | | 2026 | 0.8 | 24 |
| 7 F | 0245 | 1.2 | 37 | 22 Sa 0816 | 0.5 | 15 |
| | 1410 | 0.4 | 12 | 1921 | 1.0 | 30 |
| 8 Sa | 0118 | 1.0 | 30 | 23 Su 0548 | 0.2 | 6 |
| | 1338 | 0.5 | 15 | 1923 | 1.3 | 40 |
| | 2122 | 0.9 | 27 | | | |
| 9 Su | 0530 | 0.6 | 18 | 24 M 0614 | 0.0 | 0 |
| | 0829 | 0.7 | 21 | 1942 | 1.4 | 43 |
| | 1111 | 0.6 | 18 | | | |
| | 2010 | 1.1 | 34 | | | |
| 10 M | 0535 | 0.4 | 12 | 25 Tu 0647 | −0.2 | −6 |
| | 1955 | 1.4 | 43 | 2010 | 1.6 | 49 |
| 11 Tu | 0616 | 0.1 | 3 | 26 W 0726 | −0.3 | −9 |
| | 2011 | 1.6 | 49 | 2042 | 1.6 | 49 |
| 12 W | 0707 | −0.2 | −6 | 27 Th 0812 | −0.3 | −9 |
| | 2045 | 1.8 | 55 | 2118 | 1.6 | 49 |
| 13 Th | 0810 | −0.3 | −9 | 28 F 0904 | −0.3 | −9 |
| | 2130 | 2.0 | 61 | 2156 | 1.6 | 49 |
| 14 F | 0923 | −0.4 | −12 | 29 Sa 0959 | −0.3 | −9 |
| | 2222 | 2.0 | 61 | 2235 | 1.5 | 46 |
| 15 Sa | 1042 | −0.5 | −15 | 30 Su 1050 | −0.3 | −9 |
| | 2319 | 2.0 | 61 | 2312 | 1.5 | 46 |

## December

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| 1 M | 1130 | −0.3 | −9 | 16 Tu 0007 | 1.5 | 46 |
| | 2346 | 1.4 | 43 | 1236 | −0.5 | −15 |
| 2 Tu | 1158 | −0.3 | −9 | 17 W 0048 | 1.2 | 37 |
| | | | | 1256 | −0.2 | −6 |
| 3 W | 0013 | 1.3 | 40 | 18 Th 0112 | 0.9 | 27 |
| | 1217 | −0.2 | −6 | 1226 | 0.0 | 0 |
| 4 Th | 0031 | 1.1 | 34 | 19 F 0001 | 0.5 | 15 |
| | 1224 | −0.1 | −3 | 1020 | 0.2 | 6 |
| | | | | 1849 | 0.6 | 18 |
| 5 F | 0023 | 0.9 | 27 | 20 Sa 0624 | 0.1 | 3 |
| | 1213 | 0.1 | 3 | 1802 | 0.8 | 24 |
| | 2223 | 0.8 | 24 | | | |
| 6 Sa | 1118 | 0.3 | 9 | 21 Su 0514 | −0.1 | −3 |
| | 1958 | 0.8 | 24 | 1811 | 1.0 | 30 |
| 7 Su | 0657 | 0.3 | 9 | 22 M 0531 | −0.3 | −9 |
| | 1859 | 0.9 | 27 | 1836 | 1.2 | 37 |
| 8 M | 0514 | 0.0 | 0 | 23 Tu 0604 | −0.5 | −15 |
| | 1851 | 1.2 | 37 | 1910 | 1.3 | 40 |
| 9 Tu | 0538 | −0.3 | −9 | 24 W 0647 | −0.5 | −15 |
| | 1911 | 1.4 | 43 | 1948 | 1.3 | 40 |
| 10 W | 0625 | −0.5 | −15 | 25 Th 0737 | −0.6 | −18 |
| | 1949 | 1.6 | 49 | 2029 | 1.3 | 40 |
| 11 Th | 0727 | −0.7 | −21 | 26 F 0830 | −0.6 | −18 |
| | 2036 | 1.8 | 55 | 2110 | 1.3 | 40 |
| 12 F | 0837 | −0.8 | −24 | 27 Sa 0920 | −0.6 | −18 |
| | 2129 | 1.8 | 55 | 2149 | 1.3 | 40 |
| 13 Sa | 0951 | −0.8 | −24 | 28 Su 1001 | −0.6 | −18 |
| | 2224 | 1.8 | 55 | 2223 | 1.2 | 37 |
| 14 Su | 1058 | −0.8 | −24 | 29 M 1030 | −0.5 | −15 |
| | 2318 | 1.7 | 52 | 2252 | 1.2 | 37 |
| 15 M | 1154 | −0.7 | −21 | 30 Tu 1049 | −0.5 | −15 |
| | | | | 2315 | 1.0 | 30 |
| | | | | 31 W 1059 | −0.4 | −12 |
| | | | | 2329 | 0.9 | 27 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Mobile, Alabama, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0647 | 0.0 | 0 |
| | 1844 | 1.2 | 37 |
| **2** W | 0653 | −0.2 | −6 |
| | 1907 | 1.3 | 40 |
| **3** Th | 0728 | −0.4 | −12 |
| | 1947 | 1.4 | 43 |
| **4** F | 0813 | −0.5 | −15 |
| | 2038 | 1.5 | 46 |
| **5** Sa | 0900 | −0.6 | −18 |
| | 2135 | 1.5 | 46 |
| **6** Su | 0944 | −0.7 | −21 |
| | 2231 | 1.6 | 49 |
| **7** M | 1022 | −0.7 | −21 |
| | 2320 | 1.6 | 49 |
| **8** Tu ● | 1053 | −0.8 | −24 |
| **9** W | 0001 | 1.6 | 49 |
| | 1116 | −0.7 | −21 |
| **10** Th | 0037 | 1.5 | 46 |
| | 1128 | −0.6 | −18 |
| **11** F | 0110 | 1.3 | 40 |
| | 1130 | −0.5 | −15 |
| **12** Sa | 0141 | 1.1 | 34 |
| | 1121 | −0.3 | −9 |
| **13** Su | 0207 | 0.8 | 24 |
| | 1103 | 0.0 | 0 |
| | 1934 | 0.7 | 21 |
| **14** M | 1008 | 0.2 | 6 |
| | 1807 | 0.8 | 24 |
| **15** Tu ◐ | 0605 | 0.0 | 0 |
| | 1748 | 1.1 | 34 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0606 | −0.3 | −9 |
| | 1815 | 1.4 | 43 |
| **17** Th | 0649 | −0.7 | −21 |
| | 1902 | 1.6 | 49 |
| **18** F | 0742 | −0.9 | −27 |
| | 2000 | 1.8 | 55 |
| **19** Sa | 0835 | −1.0 | −30 |
| | 2106 | 1.8 | 55 |
| **20** Su | 0925 | −1.1 | −34 |
| | 2211 | 1.8 | 55 |
| **21** M | 1009 | −1.0 | −30 |
| | 2310 | 1.7 | 52 |
| **22** Tu ○ | 1045 | −0.9 | −27 |
| **23** W | 0002 | 1.6 | 49 |
| | 1110 | −0.7 | −21 |
| **24** Th | 0045 | 1.3 | 40 |
| | 1116 | −0.4 | −12 |
| **25** F | 0123 | 1.1 | 34 |
| | 1051 | −0.2 | −6 |
| **26** Sa | 0157 | 0.8 | 24 |
| | 1014 | 0.0 | 0 |
| | 1816 | 0.6 | 18 |
| | 2247 | 0.4 | 12 |
| **27** Su | 0226 | 0.5 | 15 |
| | 0942 | 0.1 | 3 |
| | 1723 | 0.7 | 21 |
| **28** M | 0801 | 0.2 | 6 |
| | 1654 | 0.9 | 27 |
| **29** Tu ◑ | 0504 | 0.0 | 0 |
| | 1704 | 1.1 | 34 |
| **30** W | 0538 | −0.2 | −6 |
| | 1737 | 1.2 | 37 |
| **31** Th | 0627 | −0.4 | −12 |
| | 1824 | 1.3 | 40 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0717 | −0.5 | −15 |
| | 1921 | 1.4 | 43 |
| **2** Sa | 0805 | −0.6 | −18 |
| | 2024 | 1.4 | 43 |
| **3** Su | 0846 | −0.7 | −21 |
| | 2125 | 1.5 | 46 |
| **4** M | 0921 | −0.8 | −24 |
| | 2217 | 1.5 | 46 |
| **5** Tu | 0948 | −0.8 | −24 |
| | 2303 | 1.4 | 43 |
| **6** W ● | 1007 | −0.7 | −21 |
| | 2344 | 1.4 | 43 |
| **7** Th | 1016 | −0.5 | −15 |
| **8** F | 0026 | 1.2 | 37 |
| | 1012 | −0.3 | −9 |
| **9** Sa | 0112 | 0.9 | 27 |
| | 0956 | −0.1 | −3 |
| | 1802 | 0.6 | 18 |
| | 2133 | 0.5 | 15 |
| **10** Su | 0207 | 0.6 | 18 |
| | 0930 | 0.2 | 6 |
| | 1639 | 0.7 | 21 |
| | 2336 | 0.2 | 6 |
| **11** M | 1557 | 1.0 | 30 |
| **12** Tu | 0312 | −0.1 | −3 |
| | 1611 | 1.3 | 40 |
| **13** W ◐ | 0435 | −0.4 | −12 |
| | 1650 | 1.5 | 46 |
| **14** Th | 0540 | −0.6 | −18 |
| | 1743 | 1.7 | 52 |
| **15** F | 0640 | −0.8 | −24 |
| | 1846 | 1.8 | 55 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0735 | −0.9 | −27 |
| | 1954 | 1.8 | 55 |
| **17** Su | 0823 | −0.9 | −27 |
| | 2103 | 1.7 | 52 |
| **18** M | 0903 | −0.8 | −24 |
| | 2206 | 1.6 | 49 |
| **19** Tu | 0934 | −0.7 | −21 |
| | 2302 | 1.4 | 43 |
| **20** W ○ | 0953 | −0.4 | −12 |
| | 2353 | 1.2 | 37 |
| **21** Th | 0949 | −0.2 | −6 |
| **22** F | 0045 | 1.0 | 30 |
| | 0914 | 0.1 | 3 |
| | 1637 | 0.6 | 18 |
| | 2021 | 0.5 | 15 |
| **23** Sa | 0148 | 0.7 | 21 |
| | 0841 | 0.2 | 6 |
| | 1551 | 0.7 | 21 |
| | 2152 | 0.3 | 9 |
| **24** Su | 0331 | 0.5 | 15 |
| | 0810 | 0.4 | 12 |
| | 1509 | 0.9 | 27 |
| | 2312 | 0.2 | 6 |
| **25** M | 1505 | 1.1 | 34 |
| **26** Tu | 0054 | 0.0 | 0 |
| | 1528 | 1.3 | 40 |
| **27** W | 0335 | −0.1 | −3 |
| | 1606 | 1.4 | 43 |
| **28** Th ◑ | 0458 | −0.2 | −6 |
| | 1655 | 1.4 | 43 |
| **29** F | 0600 | −0.3 | −9 |
| | 1753 | 1.5 | 46 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0651 | −0.4 | −12 |
| | 1856 | 1.5 | 46 |
| **2** Su | 0733 | −0.5 | −15 |
| | 1957 | 1.5 | 46 |
| **3** M | 0806 | −0.5 | −15 |
| | 2054 | 1.5 | 46 |
| **4** Tu | 0832 | −0.5 | −15 |
| | 2147 | 1.4 | 43 |
| **5** W | 0849 | −0.4 | −12 |
| | 2241 | 1.3 | 40 |
| **6** Th | 0855 | −0.2 | −6 |
| | 2345 | 1.1 | 34 |
| **7** F ● | 0844 | 0.1 | 3 |
| | 1622 | 0.7 | 21 |
| | 1929 | 0.6 | 18 |
| **8** Sa | 0113 | 0.9 | 27 |
| | 0819 | 0.3 | 9 |
| | 1510 | 0.8 | 24 |
| | 2107 | 0.4 | 12 |
| **9** Su | 0352 | 0.6 | 18 |
| | 0734 | 0.5 | 15 |
| | 1408 | 1.0 | 30 |
| | 2236 | 0.1 | 3 |
| **10** M | 1409 | 1.4 | 43 |
| **11** Tu | 0028 | −0.1 | −3 |
| | 1441 | 1.6 | 49 |
| **12** W | 0239 | −0.3 | −9 |
| | 1527 | 1.8 | 55 |
| **13** Th | 0411 | −0.5 | −15 |
| | 1623 | 1.9 | 58 |
| **14** F ◐ | 0522 | −0.6 | −18 |
| | 1726 | 1.9 | 58 |
| **15** Sa | 0620 | −0.6 | −18 |
| | 1832 | 1.9 | 58 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0708 | −0.6 | −18 |
| | 1938 | 1.7 | 52 |
| **17** M | 0746 | −0.4 | −12 |
| | 2042 | 1.6 | 49 |
| **18** Tu | 0813 | −0.2 | −6 |
| | 2145 | 1.3 | 40 |
| **19** W | 0823 | 0.0 | 0 |
| | 2254 | 1.1 | 34 |
| **20** Th | 0759 | 0.3 | 9 |
| | 1457 | 0.8 | 24 |
| | 1840 | 0.7 | 21 |
| **21** F ○ | 0026 | 0.9 | 27 |
| | 0712 | 0.5 | 15 |
| | 1419 | 0.9 | 27 |
| | 2012 | 0.5 | 15 |
| **22** Sa | 0231 | 0.7 | 21 |
| | 0639 | 0.6 | 18 |
| | 1337 | 1.1 | 34 |
| | 2118 | 0.3 | 9 |
| **23** Su | 1318 | 1.3 | 40 |
| | 2215 | 0.2 | 6 |
| **24** M | 1330 | 1.4 | 43 |
| | 2322 | 0.1 | 3 |
| **25** Tu | 1401 | 1.5 | 46 |
| **26** W | 0113 | 0.0 | 0 |
| | 1442 | 1.6 | 49 |
| **27** Th | 0308 | 0.0 | 0 |
| | 1531 | 1.7 | 52 |
| **28** F | 0423 | −0.1 | −3 |
| | 1625 | 1.7 | 52 |
| **29** Sa ◑ | 0519 | −0.2 | −6 |
| | 1720 | 1.7 | 52 |
| **30** Su | 0601 | −0.2 | −6 |
| | 1813 | 1.7 | 52 |
| **31** M | 0634 | −0.2 | −6 |
| | 1904 | 1.6 | 49 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Mobile, Alabama, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Tu | 0658<br>1957 | −0.2 −6<br>1.5 46 | 16 W | 0620<br>1335<br>1647<br>2104 | 0.4 12<br>1.0 30<br>0.9 27<br>1.0 30 |
| 2 W | 0713<br>2106 | 0.0 0<br>1.3 40 | 17 Th | 0513<br>1251<br>1917 | 0.6 18<br>1.1 34<br>0.7 21 |
| 3 Th | 0711<br>1501<br>1740<br>2304 | 0.2 6<br>0.9 27<br>0.8 24<br>1.0 30 | 18 F | 0051<br>0422<br>1215<br>2022 | 0.8 24<br>0.7 21<br>1.2 37<br>0.5 15 |
| 4 F | 0648<br>1354<br>1928 | 0.5 15<br>0.9 27<br>0.6 18 | 19 Sa | 1145<br>2105 | 1.4 43<br>0.3 9 |
| 5 Sa ● | 0213<br>0607<br>1238<br>2045 | 0.9 27<br>0.8 24<br>1.1 34<br>0.3 9 | 20 Su ○ | 1146<br>2152 | 1.6 49<br>0.2 6 |
| 6 Su | 1214<br>2200 | 1.5 46<br>0.0 0 | 21 M | 1210<br>2251 | 1.7 52<br>0.1 3 |
| 7 M | 1238<br>2327 | 1.8 55<br>−0.2 −6 | 22 Tu | 1247 | 1.8 55 |
| 8 Tu | 1320 | 2.0 61 | 23 W | 0009<br>1331 | 0.0 0<br>1.8 55 |
| 9 W | 0107<br>1412 | −0.3 −9<br>2.1 64 | 24 Th | 0133<br>1420 | 0.0 0<br>1.9 58 |
| 10 Th | 0238<br>1509 | −0.4 −12<br>2.2 67 | 25 F | 0242<br>1508 | −0.1 −3<br>1.9 58 |
| 11 F | 0352<br>1608 | −0.4 −12<br>2.1 64 | 26 Sa | 0335<br>1553 | −0.1 −3<br>1.9 58 |
| 12 Sa ◐ | 0452<br>1706 | −0.4 −12<br>2.0 61 | 27 Su | 0415<br>1634 | −0.1 −3<br>1.8 55 |
| 13 Su | 0540<br>1801 | −0.3 −9<br>1.8 55 | 28 M ◑ | 0443<br>1711 | −0.1 −3<br>1.7 52 |
| 14 M | 0615<br>1852 | −0.1 −3<br>1.6 49 | 29 Tu | 0501<br>1746 | 0.1 3<br>1.5 46 |
| 15 Tu | 0634<br>1943 | 0.2 6<br>1.3 40 | 30 W | 0504<br>1824 | 0.2 6<br>1.2 37 |

## May

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Th | 0447<br>1256<br>1842<br>2151 | 0.5 15<br>1.1 34<br>0.8 24<br>0.9 27 | 16 F | 1021<br>2031 | 1.4 43<br>0.4 12 |
| 2 F | 0412<br>1143<br>1940 | 0.7 21<br>1.2 37<br>0.5 15 | 17 Sa | 1009<br>2057 | 1.6 49<br>0.2 6 |
| 3 Sa | 1038<br>2033 | 1.4 43<br>0.2 6 | 18 Su | 1026<br>2138 | 1.7 52<br>0.0 0 |
| 4 Su | 1043<br>2135 | 1.7 52<br>−0.1 −3 | 19 M ○ | 1101<br>2230 | 1.8 55<br>0.0 0 |
| 5 M ● | 1120<br>2247 | 2.0 61<br>−0.3 −9 | 20 Tu | 1145<br>2329 | 1.9 58<br>−0.1 −3 |
| 6 Tu | 1209 | 2.2 67 | 21 W | 1233 | 1.9 58 |
| 7 W | 0003<br>1305 | −0.4 −12<br>2.3 70 | 22 Th | 0027<br>1321 | −0.1 −3<br>2.0 61 |
| 8 Th | 0118<br>1403 | −0.5 −15<br>2.3 70 | 23 F | 0118<br>1405 | −0.2 −6<br>2.0 61 |
| 9 F | 0224<br>1458 | −0.5 −15<br>2.3 70 | 24 Sa | 0158<br>1443 | −0.2 −6<br>1.9 58 |
| 10 Sa | 0319<br>1549 | −0.4 −12<br>2.1 64 | 25 Su | 0227<br>1515 | −0.2 −6<br>1.8 55 |
| 11 Su ◐ | 0402<br>1633 | −0.2 −6<br>1.8 55 | 26 M | 0245<br>1543 | −0.1 −3<br>1.7 52 |
| 12 M | 0429<br>1707 | 0.1 3<br>1.5 46 | 27 Tu ◑ | 0248<br>1605 | 0.1 3<br>1.4 43 |
| 13 Tu | 0424<br>1722 | 0.3 9<br>1.2 37 | 28 W | 0238<br>1554 | 0.3 9<br>1.2 37 |
| 14 W | 0309<br>1135 | 0.6 18<br>1.1 34 | 29 Th | 0217<br>1101 | 0.5 15<br>1.1 34 |
| 15 Th | 0205<br>1056<br>2038 | 0.7 21<br>1.2 37<br>0.6 18 | 30 F | 0040<br>0933<br>1948 | 0.7 21<br>1.2 37<br>0.4 12 |
| | | | 31 Sa | 0858<br>2014 | 1.5 46<br>0.0 0 |

## June

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Su | 0923<br>2106 | 1.8 55<br>−0.3 −9 | 16 M | 0954<br>2156 | 1.8 55<br>−0.2 −6 |
| 2 M | 1009<br>2207 | 2.1 64<br>−0.5 −15 | 17 Tu | 1048<br>2245 | 1.8 55<br>−0.2 −6 |
| 3 Tu ● | 1106<br>2310 | 2.3 70<br>−0.6 −18 | 18 W ○ | 1142<br>2331 | 1.9 58<br>−0.3 −9 |
| 4 W | 1206 | 2.3 70 | 19 Th | 1230 | 1.9 58 |
| 5 Th | 0011<br>1304 | −0.7 −21<br>2.3 70 | 20 F | 0009<br>1311 | −0.3 −9<br>1.9 58 |
| 6 F | 0106<br>1358 | −0.6 −18<br>2.2 67 | 21 Sa | 0038<br>1346 | −0.3 −9<br>1.9 58 |
| 7 Sa | 0152<br>1445 | −0.5 −15<br>2.0 61 | 22 Su | 0056<br>1416 | −0.2 −6<br>1.8 55 |
| 8 Su | 0225<br>1523 | −0.2 −6<br>1.8 55 | 23 M | 0102<br>1443 | −0.1 −3<br>1.6 49 |
| 9 M | 0236<br>1550 | 0.1 3<br>1.4 43 | 24 Tu | 0056<br>1507 | 0.1 3<br>1.3 40 |
| 10 Tu ◐ | 0151<br>1555 | 0.3 9<br>1.1 34 | 25 W | 0043<br>1514 | 0.3 9<br>1.0 30 |
| 11 W | 0047<br>0938<br>2346 | 0.5 15<br>1.1 34<br>0.6 18 | 26 Th ◑ | 0020<br>0839<br>2017 | 0.5 15<br>1.0 30<br>0.6 18 |
| 12 Th | 0853<br>2008 | 1.2 37<br>0.4 12 | 27 F | 0717<br>1904 | 1.2 37<br>0.3 9 |
| 13 F | 0825<br>1958 | 1.4 43<br>0.2 6 | 28 Sa | 0722<br>1934 | 1.5 46<br>−0.1 −3 |
| 14 Sa | 0835<br>2026 | 1.5 46<br>0.1 3 | 29 Su | 0802<br>2024 | 1.8 55<br>−0.3 −9 |
| 15 Su | 0908<br>2108 | 1.7 52<br>−0.1 −3 | 30 M | 0859<br>2120 | 2.0 61<br>−0.6 −18 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Mobile, Alabama, 2008

## Times and Heights of High and Low Waters

### July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 1004<br>2216 | 2.2<br>−0.7 | 67<br>−21 | **16** W | 1049<br>2232 | 1.8<br>−0.3 | 55<br>−9 |
| **2** W ● | 1109<br>2309 | 2.3<br>−0.7 | 70<br>−21 | **17** Th | 1140<br>2303 | 1.9<br>−0.3 | 58<br>−9 |
| **3** Th | 1210<br>2355 | 2.3<br>−0.6 | 70<br>−18 | **18** F ○ | 1222<br>2327 | 1.9<br>−0.2 | 58<br>−6 |
| **4** F | 1304 | 2.1 | 64 | **19** Sa | 1258<br>2339 | 1.8<br>−0.1 | 55<br>−3 |
| **5** Sa | 0033<br>1351 | −0.4<br>1.9 | −12<br>58 | **20** Su | 1331<br>2337 | 1.7<br>0.0 | 52<br>0 |
| **6** Su | 0057<br>1430 | −0.2<br>1.6 | −6<br>49 | **21** M | 1405<br>2325 | 1.5<br>0.2 | 46<br>6 |
| **7** M | 0053<br>1502<br>2358 | 0.1<br>1.3<br>0.4 | 3<br>40<br>12 | **22** Tu | 1443<br>2310 | 1.2<br>0.4 | 37<br>12 |
| **8** Tu | 0819<br>1027<br>1523<br>2311 | 0.9<br>0.8<br>1.0<br>0.5 | 27<br>24<br>30<br>15 | **23** W | 0706<br>1106<br>1523<br>2239 | 0.9<br>0.8<br>0.9<br>0.6 | 27<br>24<br>27<br>18 |
| **9** W ◐ | 0710<br>2215 | 1.0<br>0.6 | 30<br>18 | **24** Th | 0525<br>1720 | 1.1<br>0.6 | 34<br>18 |
| **10** Th | 0623<br>1844 | 1.2<br>0.4 | 37<br>12 | **25** F ◑ | 0512<br>1734 | 1.4<br>0.3 | 43<br>9 |
| **11** F | 0623<br>1853 | 1.4<br>0.2 | 43<br>6 | **26** Sa | 0543<br>1829 | 1.6<br>0.0 | 49<br>0 |
| **12** Sa | 0653<br>1932 | 1.5<br>0.1 | 46<br>3 | **27** Su | 0635<br>1927 | 1.9<br>−0.3 | 58<br>−9 |
| **13** Su | 0741<br>2019 | 1.6<br>−0.1 | 49<br>−3 | **28** M | 0741<br>2023 | 2.0<br>−0.5 | 61<br>−15 |
| **14** M | 0841<br>2107 | 1.7<br>−0.2 | 52<br>−6 | **29** Tu | 0855<br>2116 | 2.1<br>−0.6 | 64<br>−18 |
| **15** Tu | 0947<br>2152 | 1.8<br>−0.3 | 55<br>−9 | **30** W | 1009<br>2204 | 2.2<br>−0.6 | 67<br>−18 |
| | | | | **31** Th | 1115<br>2245 | 2.1<br>−0.4 | 64<br>−12 |

### August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F ● | 1213<br>2318 | 2.0<br>−0.2 | 61<br>−6 | **16** Sa ○ | 1212<br>2223 | 1.7<br>0.2 | 52<br>6 |
| **2** Sa | 1305<br>2336 | 1.8<br>0.1 | 55<br>3 | **17** Su | 1258<br>2215 | 1.6<br>0.4 | 49<br>12 |
| **3** Su | 1353<br>2318 | 1.5<br>0.4 | 46<br>12 | **18** M | 1354<br>2155 | 1.4<br>0.6 | 43<br>18 |
| **4** M | 1442<br>2221 | 1.3<br>0.6 | 40<br>18 | **19** Tu | 0453<br>0851<br>1514<br>2133 | 1.0<br>0.8<br>1.2<br>0.8 | 30<br>24<br>37<br>24 |
| **5** Tu | 0511<br>0949<br>1544<br>2142 | 0.9<br>0.7<br>1.0<br>0.7 | 27<br>21<br>30<br>21 | **20** W | 0322<br>1016<br>1824<br>2032 | 1.1<br>0.7<br>1.0<br>0.9 | 34<br>21<br>30<br>27 |
| **6** W | 0411<br>1123 | 1.1<br>0.6 | 34<br>18 | **21** Th | 0259<br>1148 | 1.4<br>0.5 | 43<br>15 |
| **7** Th | 0402<br>1312 | 1.3<br>0.5 | 40<br>15 | **22** F | 0323<br>1447 | 1.7<br>0.3 | 52<br>9 |
| **8** F ◐ | 0425<br>1657 | 1.5<br>0.4 | 46<br>12 | **23** Sa ◑ | 0407<br>1655 | 1.9<br>0.1 | 58<br>3 |
| **9** Sa | 0506<br>1809 | 1.6<br>0.2 | 49<br>6 | **24** Su | 0505<br>1811 | 2.0<br>−0.1 | 61<br>−3 |
| **10** Su | 0601<br>1909 | 1.7<br>0.1 | 52<br>3 | **25** M | 0615<br>1913 | 2.1<br>−0.2 | 64<br>−6 |
| **11** M | 0710<br>2002 | 1.7<br>0.0 | 52<br>0 | **26** Tu | 0732<br>2006 | 2.1<br>−0.3 | 64<br>−9 |
| **12** Tu | 0827<br>2046 | 1.8<br>−0.1 | 55<br>−3 | **27** W | 0853<br>2052 | 2.1<br>−0.2 | 64<br>−6 |
| **13** W | 0940<br>2123 | 1.8<br>−0.1 | 55<br>−3 | **28** Th | 1009<br>2130 | 2.0<br>0.0 | 61<br>0 |
| **14** Th | 1039<br>2153 | 1.8<br>−0.1 | 55<br>−3 | **29** F | 1119<br>2158 | 1.9<br>0.2 | 58<br>6 |
| **15** F | 1128<br>2213 | 1.8<br>0.0 | 55<br>0 | **30** Sa ● | 1225<br>2207 | 1.7<br>0.5 | 52<br>15 |
| | | | | **31** Su | 1336<br>2123 | 1.4<br>0.8 | 43<br>24 |

### September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0315<br>0758<br>1502<br>2027 | 1.0<br>0.8<br>1.2<br>1.0 | 30<br>24<br>37<br>30 | **16** Tu | 0132<br>0833<br>1655<br>1914 | 1.3<br>0.7<br>1.2<br>1.1 | 40<br>21<br>37<br>34 |
| **2** Tu | 0214<br>0913<br>1704<br>1947 | 1.2<br>0.7<br>1.1<br>1.0 | 37<br>21<br>34<br>30 | **17** W | 0054<br>0938 | 1.5<br>0.5 | 46<br>15 |
| **3** W | 0152<br>1015 | 1.4<br>0.5 | 43<br>15 | **18** Th | 0111<br>1052 | 1.8<br>0.3 | 55<br>9 |
| **4** Th | 0208<br>1117 | 1.6<br>0.5 | 49<br>15 | **19** F | 0149<br>1241 | 2.0<br>0.2 | 61<br>6 |
| **5** F | 0240<br>1249 | 1.7<br>0.5 | 52<br>15 | **20** Sa | 0239<br>1503 | 2.2<br>0.1 | 67<br>3 |
| **6** Sa | 0324<br>1606 | 1.8<br>0.4 | 55<br>12 | **21** Su ◑ | 0339<br>1636 | 2.3<br>0.0 | 70<br>0 |
| **7** Su ◐ | 0420<br>1733 | 1.8<br>0.3 | 55<br>9 | **22** M | 0446<br>1746 | 2.3<br>0.0 | 70<br>0 |
| **8** M | 0526<br>1834 | 1.8<br>0.3 | 55<br>9 | **23** Tu | 0558<br>1841 | 2.2<br>0.0 | 67<br>0 |
| **9** Tu | 0640<br>1922 | 1.8<br>0.2 | 55<br>6 | **24** W | 0713<br>1927 | 2.1<br>0.1 | 64<br>3 |
| **10** W | 0756<br>1959 | 1.8<br>0.2 | 55<br>6 | **25** Th | 0834<br>2001 | 1.9<br>0.4 | 58<br>12 |
| **11** Th | 0907<br>2028 | 1.8<br>0.3 | 55<br>9 | **26** F | 1004<br>2020 | 1.7<br>0.7 | 52<br>21 |
| **12** F | 1013<br>2047 | 1.7<br>0.4 | 52<br>12 | **27** Sa | 1152<br>1950 | 1.4<br>0.9 | 43<br>27 |
| **13** Sa | 1120<br>2051 | 1.6<br>0.6 | 49<br>18 | **28** Su | 0133<br>0637<br>1352<br>1827 | 1.2<br>0.9<br>1.3<br>1.1 | 37<br>27<br>40<br>34 |
| **14** Su | 0347<br>0549<br>1241<br>2030 | 1.1<br>1.0<br>1.5<br>0.8 | 34<br>30<br>46<br>24 | **29** M ● | 0041<br>0753 | 1.4<br>0.7 | 43<br>21 |
| **15** M ○ | 0252<br>0723<br>1426<br>2000 | 1.1<br>0.9<br>1.3<br>1.0 | 34<br>27<br>40<br>30 | **30** Tu | 0004<br>0847 | 1.6<br>0.5 | 49<br>15 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Mobile, Alabama, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 W | 0010<br>0934 | 1.7 52<br>0.4 12 | 16 Th | 1020 | 0.1 3 |
| 2 Th | 0035<br>1023 | 1.9 58<br>0.4 12 | 17 F | 0030<br>1149 | 2.3 70<br>0.0 0 |
| 3 F | 0112<br>1130 | 2.0 61<br>0.4 12 | 18 Sa | 0124<br>1329 | 2.4 73<br>−0.1 −3 |
| 4 Sa | 0158<br>1338 | 2.0 61<br>0.4 12 | 19 Su | 0224<br>1456 | 2.4 73<br>−0.1 −3 |
| 5 Su | 0251<br>1533 | 2.0 61<br>0.4 12 | 20 M | 0325<br>1605 | 2.3 70<br>−0.1 −3 |
| 6 M | 0349<br>1644 | 2.0 61<br>0.3 9 | 21 Tu ◑ | 0426<br>1700 | 2.2 67<br>0.1 3 |
| 7 Tu ◐ | 0449<br>1734 | 1.9 58<br>0.3 9 | 22 W | 0525<br>1741 | 2.0 61<br>0.3 9 |
| 8 W | 0549<br>1811 | 1.8 55<br>0.4 12 | 23 Th | 0623<br>1802 | 1.7 52<br>0.6 18 |
| 9 Th | 0648<br>1837 | 1.7 52<br>0.5 15 | 24 F | 0733<br>1720 | 1.3 40<br>0.9 27 |
| 10 F | 0757<br>1846 | 1.6 49<br>0.7 21 | 25 Sa | 0008<br>0530<br>1138<br>1525<br>2324 | 1.2 37<br>1.0 30<br>1.1 34<br>1.0 30<br>1.4 43 |
| 11 Sa | 0211<br>0419<br>0953<br>1825 | 1.3 40<br>1.2 37<br>1.4 43<br>0.9 27 | 26 Su | 0712<br>2241 | 0.7 21<br>1.6 49 |
| 12 Su | 0120<br>0611<br>1249<br>1749 | 1.2 37<br>1.0 30<br>1.3 40<br>1.1 34 | 27 M | 0800<br>2232 | 0.5 15<br>1.7 52 |
| 13 M | 0018<br>0719<br>2309 | 1.3 40<br>0.7 21<br>1.5 46 | 28 Tu ● | 0837<br>2249 | 0.3 9<br>1.9 58 |
| 14 Tu ○ | 0815<br>2312 | 0.5 15<br>1.8 55 | 29 W | 0915<br>2320 | 0.2 6<br>2.0 61 |
| 15 W | 0912<br>2344 | 0.2 6<br>2.1 64 | 30 Th | 1002 | 0.1 3 |
| | | | 31 F | 0000<br>1105 | 2.0 61<br>0.1 3 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0048<br>1224 | 2.0 61<br>0.1 3 | 16 Su | 0119<br>1329 | 2.4 73<br>−0.5 −15 |
| 2 Su | 0139<br>1342 | 2.0 61<br>0.1 3 | 17 M | 0216<br>1426 | 2.3 70<br>−0.3 −9 |
| 3 M | 0230<br>1443 | 2.0 61<br>0.1 3 | 18 Tu | 0309<br>1510 | 2.1 64<br>−0.1 −3 |
| 4 Tu | 0317<br>1526 | 1.9 58<br>0.2 6 | 19 W ◑ | 0353<br>1532 | 1.8 55<br>0.2 6 |
| 5 W ◐ | 0359<br>1552 | 1.8 55<br>0.3 9 | 20 Th | 0425<br>1449<br>2316 | 1.4 43<br>0.5 15<br>1.0 30 |
| 6 Th | 0432<br>1554 | 1.6 49<br>0.4 12 | 21 F | 0206<br>0412<br>1317<br>2212 | 0.9 27<br>1.0 30<br>0.6 18<br>1.2 37 |
| 7 F | 0454<br>1532 | 1.4 43<br>0.6 18 | 22 Sa | 0900<br>2130 | 0.6 18<br>1.3 40 |
| 8 Sa | 0011<br>1504<br>2323 | 1.2 37<br>0.8 24<br>1.2 37 | 23 Su | 0750<br>2105 | 0.3 9<br>1.5 46 |
| 9 Su | 0718<br>2206 | 0.8 24<br>1.4 43 | 24 M | 0801<br>2112 | 0.1 3<br>1.7 52 |
| 10 M | 0725<br>2133 | 0.4 12<br>1.6 49 | 25 Tu | 0828<br>2138 | −0.1 −3<br>1.8 55 |
| 11 Tu | 0803<br>2151 | 0.1 3<br>1.9 58 | 26 W | 0905<br>2215 | −0.2 −6<br>1.8 55 |
| 12 W | 0854<br>2231 | −0.1 −3<br>2.1 64 | 27 Th ● | 0951<br>2301 | −0.2 −6<br>1.8 55 |
| 13 Th ○ | 0957<br>2322 | −0.3 −9<br>2.3 70 | 28 F | 1044<br>2351 | −0.3 −9<br>1.8 55 |
| 14 F | 1109 | −0.4 −12 | 29 Sa | 1138 | −0.3 −9 |
| 15 Sa | 0020<br>1222 | 2.4 73<br>−0.5 −15 | 30 Su | 0041<br>1226 | 1.8 55<br>−0.3 −9 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 M | 0127<br>1304 | 1.8 55<br>−0.2 −6 | 16 Tu | 0205<br>1329 | 1.8 55<br>−0.4 −12 |
| 2 Tu | 0206<br>1327 | 1.7 52<br>−0.2 −6 | 17 W | 0244<br>1321 | 1.5 46<br>−0.1 −3 |
| 3 W | 0237<br>1330 | 1.6 49<br>−0.1 −3 | 18 Th | 0307<br>1218<br>2109 | 1.1 34<br>0.2 6<br>0.8 24 |
| 4 Th | 0258<br>1318 | 1.4 43<br>0.1 3 | 19 F ◑ | 1118<br>2015 | 0.3 9<br>1.0 30 |
| 5 F ◐ | 0249<br>1304<br>2228 | 1.1 34<br>0.2 6<br>1.0 30 | 20 Sa | 0842<br>1937 | 0.2 6<br>1.2 37 |
| 6 Sa | 1232<br>2129 | 0.4 12<br>1.1 34 | 21 Su | 0721<br>1932 | 0.0 0<br>1.3 40 |
| 7 Su | 0801<br>2018 | 0.4 12<br>1.2 37 | 22 M | 0729<br>1952 | −0.2 −6<br>1.5 46 |
| 8 M | 0721<br>2009 | 0.1 3<br>1.5 46 | 23 Tu | 0758<br>2026 | −0.4 −12<br>1.5 46 |
| 9 Tu | 0744<br>2037 | −0.2 −6<br>1.7 52 | 24 W | 0837<br>2112 | −0.5 −15<br>1.6 49 |
| 10 W | 0830<br>2123 | −0.5 −15<br>2.0 61 | 25 Th | 0922<br>2205 | −0.5 −15<br>1.6 49 |
| 11 Th | 0926<br>2220 | −0.7 −21<br>2.1 64 | 26 F | 1008<br>2300 | −0.6 −18<br>1.6 49 |
| 12 F ○ | 1026<br>2321 | −0.9 −27<br>2.2 67 | 27 Sa ● | 1050<br>2351 | −0.6 −18<br>1.6 49 |
| 13 Sa | 1124 | −0.9 −27 | 28 Su | 1125 | −0.6 −18 |
| 14 Su | 0021<br>1217 | 2.2 67<br>−0.9 −27 | 29 M | 0034<br>1149 | 1.6 49<br>−0.6 −18 |
| 15 M | 0116<br>1301 | 2.0 61<br>−0.7 −21 | 30 Tu | 0109<br>1158 | 1.5 46<br>−0.5 −15 |
| | | | 31 W | 0137<br>1150 | 1.3 40<br>−0.3 −9 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# South Pass, Louisiana, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0256 | −0.2 | −6 |
| | 1537 | 0.8 | 24 |
| **2** W | 0308 | −0.4 | −12 |
| | 1603 | 0.9 | 27 |
| **3** Th | 0336 | −0.5 | −15 |
| | 1639 | 1.0 | 30 |
| **4** F | 0409 | −0.6 | −18 |
| | 1721 | 1.1 | 34 |
| **5** Sa | 0445 | −0.7 | −21 |
| | 1806 | 1.1 | 34 |
| **6** Su | 0523 | −0.8 | −24 |
| | 1851 | 1.1 | 34 |
| **7** M | 0601 | −0.8 | −24 |
| | 1934 | 1.2 | 37 |
| **8** Tu ● | 0638 | −0.8 | −24 |
| | 2015 | 1.1 | 34 |
| **9** W | 0711 | −0.7 | −21 |
| | 2054 | 1.1 | 34 |
| **10** Th | 0741 | −0.6 | −18 |
| | 2132 | 0.9 | 27 |
| **11** F | 0805 | −0.5 | −15 |
| | 2209 | 0.7 | 21 |
| **12** Sa | 0817 | −0.3 | −9 |
| | 2243 | 0.5 | 15 |
| **13** Su | 0800 | −0.1 | −3 |
| | 2228 | 0.2 | 6 |
| **14** M | 0621 | 0.0 | 0 |
| | 1428 | 0.3 | 9 |
| **15** Tu ◐ | 0116 | −0.1 | −3 |
| | 1418 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0137 | −0.5 | −15 |
| | 1447 | 0.8 | 24 |
| **17** Th | 0222 | −0.8 | −24 |
| | 1535 | 1.1 | 34 |
| **18** F | 0313 | −1.0 | −30 |
| | 1633 | 1.2 | 37 |
| **19** Sa | 0406 | −1.1 | −34 |
| | 1734 | 1.3 | 40 |
| **20** Su | 0459 | −1.1 | −34 |
| | 1836 | 1.3 | 40 |
| **21** M | 0550 | −1.1 | −34 |
| | 1935 | 1.2 | 37 |
| **22** Tu ○ | 0638 | −0.9 | −27 |
| | 2028 | 1.1 | 34 |
| **23** W | 0718 | −0.7 | −21 |
| | 2116 | 0.9 | 27 |
| **24** Th | 0747 | −0.5 | −15 |
| | 2157 | 0.6 | 18 |
| **25** F | 0752 | −0.3 | −9 |
| | 2229 | 0.4 | 12 |
| **26** Sa | 0711 | −0.1 | −3 |
| | 1450 | 0.1 | 3 |
| | 1656 | 0.0 | 0 |
| | 2235 | 0.1 | 3 |
| **27** Su | 0522 | 0.0 | 0 |
| | 1307 | 0.3 | 9 |
| **28** M | 0209 | −0.1 | −3 |
| | 1307 | 0.4 | 12 |
| **29** Tu ◑ | 0122 | −0.3 | −9 |
| | 1332 | 0.6 | 18 |
| **30** W | 0147 | −0.5 | −15 |
| | 1410 | 0.7 | 21 |
| **31** Th | 0222 | −0.6 | −18 |
| | 1459 | 0.8 | 24 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0301 | −0.7 | −21 |
| | 1555 | 0.9 | 27 |
| **2** Sa | 0342 | −0.8 | −24 |
| | 1654 | 0.9 | 27 |
| **3** Su | 0423 | −0.8 | −24 |
| | 1751 | 1.0 | 30 |
| **4** M | 0502 | −0.8 | −24 |
| | 1843 | 1.0 | 30 |
| **5** Tu | 0537 | −0.8 | −24 |
| | 1931 | 1.0 | 30 |
| **6** W ● | 0609 | −0.7 | −21 |
| | 2017 | 0.9 | 27 |
| **7** Th | 0636 | −0.6 | −18 |
| | 2104 | 0.8 | 24 |
| **8** F | 0654 | −0.4 | −12 |
| | 2155 | 0.6 | 18 |
| **9** Sa | 0653 | −0.2 | −6 |
| | 2259 | 0.3 | 9 |
| **10** Su | 0606 | 0.0 | 0 |
| | 1158 | 0.2 | 6 |
| | 1905 | 0.0 | 0 |
| **11** M | 1149 | 0.5 | 15 |
| | 2221 | −0.3 | −9 |
| **12** Tu | 1215 | 0.7 | 21 |
| | 2358 | −0.5 | −15 |
| **13** W ◐ | 1301 | 0.9 | 27 |
| **14** Th | 0105 | −0.7 | −21 |
| | 1400 | 1.1 | 34 |
| **15** F | 0206 | −0.9 | −27 |
| | 1509 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0304 | −1.0 | −30 |
| | 1623 | 1.2 | 37 |
| **17** Su | 0358 | −0.9 | −27 |
| | 1736 | 1.2 | 37 |
| **18** M | 0448 | −0.8 | −24 |
| | 1845 | 1.1 | 34 |
| **19** Tu | 0531 | −0.7 | −21 |
| | 1946 | 0.9 | 27 |
| **20** W ○ | 0605 | −0.5 | −15 |
| | 2042 | 0.8 | 24 |
| **21** Th | 0623 | −0.2 | −6 |
| | 2137 | 0.6 | 18 |
| **22** F | 0609 | 0.0 | 0 |
| | 1156 | 0.1 | 3 |
| | 1503 | 0.0 | 0 |
| | 2237 | 0.4 | 12 |
| **23** Sa | 0505 | 0.1 | 3 |
| | 1044 | 0.3 | 9 |
| | 1752 | 0.0 | 0 |
| **24** Su | 1040 | 0.5 | 15 |
| | 2011 | −0.1 | −3 |
| **25** M | 1058 | 0.6 | 18 |
| | 2210 | −0.2 | −6 |
| **26** Tu | 1128 | 0.8 | 24 |
| | 2330 | −0.3 | −9 |
| **27** W | 1208 | 0.9 | 27 |
| **28** Th ◑ | 0031 | −0.4 | −12 |
| | 1257 | 0.9 | 27 |
| **29** F | 0126 | −0.5 | −15 |
| | 1358 | 1.0 | 30 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0216 | −0.5 | −15 |
| | 1509 | 1.0 | 30 |
| **2** Su | 0303 | −0.5 | −15 |
| | 1621 | 1.0 | 30 |
| **3** M | 0344 | −0.5 | −15 |
| | 1729 | 1.0 | 30 |
| **4** Tu | 0421 | −0.5 | −15 |
| | 1833 | 1.0 | 30 |
| **5** W | 0454 | −0.4 | −12 |
| | 1934 | 0.9 | 27 |
| **6** Th | 0519 | −0.2 | −6 |
| | 2041 | 0.8 | 24 |
| **7** F ● | 0531 | 0.0 | 0 |
| | 1131 | 0.2 | 6 |
| | 1333 | 0.1 | 3 |
| | 2202 | 0.6 | 18 |
| **8** Sa | 0510 | 0.3 | 9 |
| | 0946 | 0.4 | 12 |
| | 1629 | 0.1 | 3 |
| **9** Su | 0026 | 0.4 | 12 |
| | 0315 | 0.3 | 9 |
| | 0931 | 0.6 | 18 |
| | 1830 | −0.1 | −3 |
| **10** M | 0952 | 0.9 | 27 |
| | 2020 | −0.3 | −9 |
| **11** Tu | 1031 | 1.1 | 34 |
| | 2200 | −0.4 | −12 |
| **12** W | 1121 | 1.3 | 40 |
| | 2326 | −0.6 | −18 |
| **13** Th | 1221 | 1.4 | 43 |
| **14** F ◐ | 0040 | −0.6 | −18 |
| | 1329 | 1.4 | 43 |
| **15** Sa | 0145 | −0.6 | −18 |
| | 1448 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0243 | −0.6 | −18 |
| | 1613 | 1.2 | 37 |
| **17** M | 0333 | −0.4 | −12 |
| | 1739 | 1.1 | 34 |
| **18** Tu | 0412 | −0.2 | −6 |
| | 1900 | 0.9 | 27 |
| **19** W | 0437 | 0.0 | 0 |
| | 2019 | 0.8 | 24 |
| **20** Th | 0433 | 0.2 | 6 |
| | 1007 | 0.4 | 12 |
| | 1434 | 0.3 | 9 |
| | 2149 | 0.6 | 18 |
| **21** F ○ | 0341 | 0.4 | 12 |
| | 0900 | 0.6 | 18 |
| | 1627 | 0.2 | 6 |
| **22** Sa | 0849 | 0.8 | 24 |
| | 1747 | 0.1 | 3 |
| **23** Su | 0900 | 0.9 | 27 |
| | 1854 | 0.0 | 0 |
| **24** M | 0921 | 1.1 | 34 |
| | 1958 | −0.1 | −3 |
| **25** Tu | 0950 | 1.2 | 37 |
| | 2105 | −0.1 | −3 |
| **26** W | 1026 | 1.2 | 37 |
| | 2215 | −0.2 | −6 |
| **27** Th | 1110 | 1.3 | 40 |
| | 2323 | −0.2 | −6 |
| **28** F | 1201 | 1.3 | 40 |
| **29** Sa ◑ | 0024 | −0.2 | −6 |
| | 1302 | 1.3 | 40 |
| **30** Su | 0118 | −0.2 | −6 |
| | 1411 | 1.2 | 37 |
| **31** M | 0203 | −0.2 | −6 |
| | 1530 | 1.2 | 37 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# South Pass, Louisiana, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0242 | −0.1 | −3 | 16 W | 0234 | 0.4 | 12 |
| | 1657 | 1.1 | 34 | | 0919 | 0.7 | 21 |
| | | | | | 1418 | 0.6 | 18 |
| | | | | | 2027 | 0.7 | 21 |
| 2 W | 0314 | 0.0 | 0 | 17 Th | 0138 | 0.6 | 18 |
| | 1831 | 1.0 | 30 | | 0748 | 0.8 | 24 |
| | | | | | 1549 | 0.4 | 12 |
| 3 Th | 0336 | 0.2 | 6 | 18 F | 0724 | 1.0 | 30 |
| | 2019 | 0.8 | 24 | | 1646 | 0.2 | 6 |
| 4 F | 0333 | 0.5 | 15 | 19 Sa | 0729 | 1.2 | 37 |
| | 0825 | 0.6 | 18 | | 1732 | 0.1 | 3 |
| | 1459 | 0.3 | 9 | | | | |
| | 2256 | 0.7 | 21 | | | | |
| 5 Sa | 0216 | 0.6 | 18 | 20 Su | 0745 | 1.3 | 40 |
| | 0748 | 0.8 | 24 | | 1814 | 0.0 | 0 |
| | 1632 | 0.1 | 3 | | | | |
| ● | | | | ○ | | | |
| 6 Su | 0756 | 1.1 | 34 | 21 M | 0809 | 1.4 | 43 |
| | 1752 | −0.1 | −3 | | 1857 | −0.1 | −3 |
| 7 M | 0827 | 1.4 | 43 | 22 Tu | 0837 | 1.5 | 46 |
| | 1910 | −0.3 | −9 | | 1943 | −0.1 | −3 |
| 8 Tu | 0909 | 1.6 | 49 | 23 W | 0911 | 1.5 | 46 |
| | 2029 | −0.4 | −12 | | 2035 | −0.1 | −3 |
| 9 W | 1000 | 1.7 | 52 | 24 Th | 0950 | 1.5 | 46 |
| | 2148 | −0.5 | −15 | | 2131 | −0.1 | −3 |
| 10 Th | 1055 | 1.7 | 52 | 25 F | 1033 | 1.5 | 46 |
| | 2304 | −0.5 | −15 | | 2228 | −0.1 | −3 |
| 11 F | 1156 | 1.7 | 52 | 26 Sa | 1119 | 1.5 | 46 |
| | | | | | 2319 | −0.1 | −3 |
| 12 Sa | 0013 | −0.4 | −12 | 27 Su | 1208 | 1.4 | 43 |
| | 1302 | 1.5 | 46 | | | | |
| ◐ | | | | | | | |
| 13 Su | 0112 | −0.2 | −6 | 28 M | 0004 | 0.0 | 0 |
| | 1416 | 1.3 | 40 | | 1303 | 1.3 | 40 |
| | | | | ◑ | | | |
| 14 M | 0200 | 0.0 | 0 | 29 Tu | 0041 | 0.1 | 3 |
| | 1546 | 1.1 | 34 | | 1411 | 1.1 | 34 |
| 15 Tu | 0231 | 0.2 | 6 | 30 W | 0108 | 0.3 | 9 |
| | 1750 | 0.9 | 27 | | 1622 | 0.9 | 27 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Th | 0115 | 0.5 | 15 | 16 F | 0610 | 1.2 | 37 |
| | 0807 | 0.8 | 24 | | 1635 | 0.1 | 3 |
| | 1352 | 0.6 | 18 | | | | |
| | 2008 | 0.8 | 24 | | | | |
| 2 F | 0025 | 0.7 | 21 | 17 Sa | 0622 | 1.4 | 43 |
| | 0647 | 0.9 | 27 | | 1707 | 0.0 | 0 |
| | 1511 | 0.3 | 9 | | | | |
| 3 Sa | 0628 | 1.2 | 37 | 18 Su | 0643 | 1.5 | 46 |
| | 1614 | 0.0 | 0 | | 1740 | −0.1 | −3 |
| 4 Su | 0644 | 1.5 | 46 | 19 M | 0709 | 1.6 | 49 |
| | 1714 | −0.2 | −6 | | 1814 | −0.2 | −6 |
| | | | | ○ | | | |
| 5 M | 0719 | 1.7 | 52 | 20 Tu | 0740 | 1.6 | 49 |
| | 1817 | −0.4 | −12 | | 1852 | −0.2 | −6 |
| ● | | | | | | | |
| 6 Tu | 0803 | 1.9 | 58 | 21 W | 0815 | 1.6 | 49 |
| | 1922 | −0.5 | −15 | | 1933 | −0.2 | −6 |
| 7 W | 0854 | 2.0 | 61 | 22 Th | 0851 | 1.6 | 49 |
| | 2030 | −0.5 | −15 | | 2016 | −0.2 | −6 |
| 8 Th | 0948 | 1.9 | 58 | 23 F | 0930 | 1.6 | 49 |
| | 2137 | −0.5 | −15 | | 2059 | −0.2 | −6 |
| 9 F | 1042 | 1.8 | 55 | 24 Sa | 1008 | 1.5 | 46 |
| | 2240 | −0.3 | −9 | | 2139 | −0.1 | −3 |
| 10 Sa | 1136 | 1.6 | 49 | 25 Su | 1045 | 1.5 | 46 |
| | 2334 | −0.1 | −3 | | 2214 | 0.0 | 0 |
| 11 Su | 1225 | 1.4 | 43 | 26 M | 1120 | 1.3 | 40 |
| | | | | | 2241 | 0.1 | 3 |
| ◐ | | | | | | | |
| 12 M | 0013 | 0.1 | 3 | 27 Tu | 1146 | 1.1 | 34 |
| | 1259 | 1.1 | 34 | | 2254 | 0.3 | 9 |
| | | | | ◑ | | | |
| 13 Tu | 0026 | 0.4 | 12 | 28 W | 1019 | 0.9 | 27 |
| | 1014 | 0.8 | 24 | | 2231 | 0.5 | 15 |
| | 2339 | 0.6 | 18 | | | | |
| 14 W | 0715 | 0.9 | 27 | 29 Th | 0630 | 0.8 | 24 |
| | 1544 | 0.5 | 15 | | 1500 | 0.5 | 15 |
| 15 Th | 0618 | 1.0 | 30 | 30 F | 0527 | 1.0 | 30 |
| | 1605 | 0.3 | 9 | | 1504 | 0.2 | 6 |
| | | | | 31 Sa | 0518 | 1.3 | 40 |
| | | | | | 1544 | −0.1 | −3 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Su | 0540 | 1.5 | 46 | 16 M | 0614 | 1.5 | 46 |
| | 1634 | −0.4 | −12 | | 1733 | −0.3 | −9 |
| 2 M | 0619 | 1.8 | 55 | 17 Tu | 0650 | 1.6 | 49 |
| | 1729 | −0.6 | −18 | | 1809 | −0.4 | −12 |
| 3 Tu | 0706 | 1.9 | 58 | 18 W | 0728 | 1.6 | 49 |
| | 1827 | −0.7 | −21 | | 1845 | −0.4 | −12 |
| ● | | | | ○ | | | |
| 4 W | 0758 | 2.0 | 61 | 19 Th | 0806 | 1.6 | 49 |
| | 1926 | −0.7 | −21 | | 1921 | −0.3 | −9 |
| 5 Th | 0852 | 1.9 | 58 | 20 F | 0843 | 1.5 | 46 |
| | 2025 | −0.6 | −18 | | 1954 | −0.3 | −9 |
| 6 F | 0944 | 1.8 | 55 | 21 Sa | 0918 | 1.5 | 46 |
| | 2119 | −0.4 | −12 | | 2024 | −0.2 | −6 |
| 7 Sa | 1033 | 1.6 | 49 | 22 Su | 0951 | 1.4 | 43 |
| | 2204 | −0.2 | −6 | | 2048 | −0.1 | −3 |
| 8 Su | 1111 | 1.3 | 40 | 23 M | 1020 | 1.2 | 37 |
| | 2231 | 0.1 | 3 | | 2103 | 0.0 | 0 |
| 9 M | 1123 | 1.0 | 30 | 24 Tu | 1038 | 1.0 | 30 |
| | 2220 | 0.3 | 9 | | 2059 | 0.2 | 6 |
| 10 Tu | 0833 | 0.8 | 24 | 25 W | 0905 | 0.8 | 24 |
| | 2031 | 0.5 | 15 | | 2007 | 0.4 | 12 |
| ◐ | | | | | | | |
| 11 W | 0536 | 0.8 | 24 | 26 Th | 0443 | 0.8 | 24 |
| | 1601 | 0.3 | 9 | | 1538 | 0.4 | 12 |
| | | | | ◑ | | | |
| 12 Th | 0452 | 1.0 | 30 | 27 F | 0357 | 1.0 | 30 |
| | 1541 | 0.1 | 3 | | 1432 | 0.1 | 3 |
| 13 F | 0454 | 1.2 | 37 | 28 Sa | 0402 | 1.2 | 37 |
| | 1600 | −0.1 | −3 | | 1503 | −0.3 | −9 |
| 14 Sa | 0514 | 1.3 | 40 | 29 Su | 0433 | 1.5 | 46 |
| | 1628 | −0.2 | −6 | | 1548 | −0.5 | −15 |
| 15 Su | 0541 | 1.5 | 46 | 30 M | 0518 | 1.7 | 52 |
| | 1659 | −0.3 | −9 | | 1639 | −0.7 | −21 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# South Pass, Louisiana, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Tu | 0611<br>1734 | 1.8 / 55<br>−0.8 / −24 | 16 W | 0641<br>1756 | 1.5 / 46<br>−0.4 / −12 |
| 2 W ● | 0707<br>1829 | 1.9 / 58<br>−0.8 / −24 | 17 Th | 0724<br>1829 | 1.5 / 46<br>−0.3 / −9 |
| 3 Th | 0803<br>1922 | 1.8 / 55<br>−0.7 / −21 | 18 F ○ | 0803<br>1858 | 1.5 / 46<br>−0.3 / −9 |
| 4 F | 0856<br>2010 | 1.7 / 52<br>−0.5 / −15 | 19 Sa | 0839<br>1921 | 1.4 / 43<br>−0.2 / −6 |
| 5 Sa | 0945<br>2047 | 1.5 / 46<br>−0.2 / −6 | 20 Su | 0914<br>1937 | 1.3 / 40<br>0.0 / 0 |
| 6 Su | 1025<br>2104 | 1.2 / 37<br>0.1 / 3 | 21 M | 0947<br>1941 | 1.2 / 37<br>0.1 / 3 |
| 7 M | 1046<br>2034 | 0.9 / 27<br>0.3 / 9 | 22 Tu | 1016<br>1920 | 0.9 / 27<br>0.3 / 9 |
| 8 Tu | 0818<br>1832 | 0.7 / 21<br>0.4 / 12 | 23 W | 1006<br>1801 | 0.7 / 21<br>0.5 / 15 |
| 9 W ◐ | 0327<br>1512 | 0.8 / 24<br>0.3 / 9 | 24 Th | 0208<br>1335 | 0.8 / 24<br>0.4 / 12 |
| 10 Th | 0303<br>1442 | 1.0 / 30<br>0.1 / 3 | 25 F ◑ | 0200<br>1321 | 1.1 / 34<br>0.1 / 3 |
| 11 F | 0319<br>1501 | 1.1 / 34<br>−0.1 / −3 | 26 Sa | 0226<br>1402 | 1.3 / 40<br>−0.2 / −6 |
| 12 Sa | 0349<br>1531 | 1.3 / 40<br>−0.2 / −6 | 27 Su | 0311<br>1451 | 1.5 / 46<br>−0.4 / −12 |
| 13 Su | 0428<br>1605 | 1.4 / 43<br>−0.3 / −9 | 28 M | 0408<br>1544 | 1.7 / 52<br>−0.6 / −18 |
| 14 M | 0511<br>1642 | 1.5 / 46<br>−0.4 / −12 | 29 Tu | 0511<br>1638 | 1.8 / 55<br>−0.6 / −18 |
| 15 Tu | 0556<br>1719 | 1.5 / 46<br>−0.4 / −12 | 30 W | 0614<br>1730 | 1.8 / 55<br>−0.6 / −18 |
| | | | 31 Th | 0715<br>1820 | 1.8 / 55<br>−0.4 / −12 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 F ● | 0813<br>1903 | 1.7 / 52<br>−0.2 / −6 | 16 Sa ○ | 0803<br>1816 | 1.5 / 46<br>0.2 / 6 |
| 2 Sa | 0905<br>1935 | 1.5 / 46<br>0.0 / 0 | 17 Su | 0847<br>1826 | 1.4 / 43<br>0.3 / 9 |
| 3 Su | 0953<br>1941 | 1.2 / 37<br>0.3 / 9 | 18 M | 0935<br>1816 | 1.2 / 37<br>0.5 / 15 |
| 4 M | 1037<br>1851 | 0.9 / 27<br>0.5 / 15 | 19 Tu | 1036<br>1729<br>2331 | 1.0 / 30<br>0.7 / 21<br>0.9 / 27 |
| 5 Tu | 0117<br>0610<br>1111<br>1634 | 0.7 / 21<br>0.6 / 18<br>0.7 / 21<br>0.6 / 18 | 20 W | 0639<br>2326 | 0.6 / 18<br>1.1 / 34 |
| 6 W | 0030<br>1225 | 0.9 / 27<br>0.4 / 12 | 21 Th | 0940<br>2352 | 0.4 / 12<br>1.4 / 43 |
| 7 Th | 0043<br>1251 | 1.1 / 34<br>0.2 / 6 | 22 F | 1124 | 0.2 / 6 |
| 8 F ◐ | 0114<br>1329 | 1.2 / 37<br>0.1 / 3 | 23 Sa ◑ | 0035<br>1235 | 1.6 / 49<br>0.0 / 0 |
| 9 Sa | 0156<br>1410 | 1.4 / 43<br>0.0 / 0 | 24 Su | 0132<br>1337 | 1.7 / 52<br>−0.2 / −6 |
| 10 Su | 0247<br>1452 | 1.4 / 43<br>−0.1 / −3 | 25 M | 0240<br>1436 | 1.8 / 55<br>−0.3 / −9 |
| 11 M | 0345<br>1534 | 1.5 / 46<br>−0.1 / −3 | 26 Tu | 0355<br>1532 | 1.9 / 58<br>−0.3 / −9 |
| 12 Tu | 0445<br>1616 | 1.5 / 46<br>−0.1 / −3 | 27 W | 0511<br>1625 | 1.9 / 58<br>−0.2 / −6 |
| 13 W | 0542<br>1654 | 1.6 / 49<br>−0.1 / −3 | 28 Th | 0622<br>1712 | 1.8 / 55<br>0.0 / 0 |
| 14 Th | 0633<br>1727 | 1.6 / 49<br>−0.1 / −3 | 29 F | 0729<br>1750 | 1.7 / 52<br>0.2 / 6 |
| 15 F | 0720<br>1755 | 1.5 / 46<br>0.0 / 0 | 30 Sa ● | 0833<br>1812 | 1.5 / 46<br>0.5 / 15 |
| | | | 31 Su | 0938<br>1756<br>2246 | 1.3 / 40<br>0.7 / 21<br>0.8 / 24 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 M | 0328<br>1059<br>1629<br>2200 | 0.7 / 21<br>1.0 / 30<br>0.9 / 27<br>1.0 / 30 | 16 Tu | 0420<br>2107 | 0.7 / 21<br>1.3 / 40 |
| 2 Tu | 0559<br>2209 | 0.7 / 21<br>1.2 / 37 | 17 W | 0608<br>2129 | 0.6 / 18<br>1.6 / 49 |
| 3 W | 0806<br>2235 | 0.6 / 18<br>1.4 / 43 | 18 Th | 0750<br>2206 | 0.4 / 12<br>1.8 / 55 |
| 4 Th | 0952<br>2309 | 0.4 / 12<br>1.5 / 46 | 19 F | 0926<br>2254 | 0.3 / 9<br>1.9 / 58 |
| 5 F | 1112<br>2351 | 0.3 / 9<br>1.6 / 49 | 20 Sa | 1052<br>2352 | 0.1 / 3<br>2.0 / 61 |
| 6 Sa | 1216 | 0.3 / 9 | 21 Su ◑ | 1207 | 0.0 / 0 |
| 7 Su ◐ | 0043<br>1312 | 1.7 / 52<br>0.2 / 6 | 22 M | 0100<br>1314 | 2.0 / 61<br>0.0 / 0 |
| 8 M | 0145<br>1404 | 1.7 / 52<br>0.2 / 6 | 23 Tu | 0217<br>1414 | 2.0 / 61<br>0.1 / 3 |
| 9 Tu | 0256<br>1451 | 1.7 / 52<br>0.2 / 6 | 24 W | 0343<br>1506 | 1.9 / 58<br>0.2 / 6 |
| 10 W | 0410<br>1532 | 1.7 / 52<br>0.2 / 6 | 25 Th | 0513<br>1549 | 1.8 / 55<br>0.4 / 12 |
| 11 Th | 0518<br>1607 | 1.7 / 52<br>0.3 / 9 | 26 F | 0641<br>1618 | 1.6 / 49<br>0.7 / 21 |
| 12 F | 0620<br>1635 | 1.6 / 49<br>0.4 / 12 | 27 Sa | 0812<br>1615<br>2115 | 1.4 / 43<br>0.9 / 27<br>1.0 / 30 |
| 13 Sa | 0721<br>1653 | 1.5 / 46<br>0.6 / 18 | 28 Su | 0235<br>1003<br>1506<br>2017 | 0.9 / 27<br>1.2 / 37<br>1.1 / 34<br>1.2 / 37 |
| 14 Su | 0826<br>1654<br>2217 | 1.4 / 43<br>0.8 / 24<br>0.9 / 27 | 29 M ● | 0423<br>2016 | 0.8 / 24<br>1.4 / 43 |
| 15 M ○ | 0203<br>0948<br>1621<br>2113 | 0.8 / 24<br>1.2 / 37<br>1.0 / 30<br>1.1 / 34 | 30 Tu | 0541<br>2034 | 0.6 / 18<br>1.6 / 49 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# South Pass, Louisiana, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 W | 0648<br>2101 | 0.5<br>1.7 | 15<br>52 | 16 Th | 0645<br>2047 | 0.2<br>2.1 | 6<br>64 |
| 2 Th | 0752<br>2133 | 0.5<br>1.8 | 15<br>55 | 17 F | 0800<br>2136 | 0.1<br>2.2 | 3<br>67 |
| 3 F | 0856<br>2210 | 0.4<br>1.9 | 12<br>58 | 18 Sa | 0918<br>2230 | 0.0<br>2.2 | 0<br>67 |
| 4 Sa | 1004<br>2254 | 0.4<br>1.9 | 12<br>58 | 19 Su | 1033<br>2330 | 0.0<br>2.1 | 0<br>64 |
| 5 Su | 1110<br>2345 | 0.4<br>1.8 | 12<br>55 | 20 M | 1143 | 0.0 | 0 |
| 6 M | 1211 | 0.4 | 12 | 21 Tu ◑ | 0035<br>1244 | 2.0<br>0.2 | 61<br>6 |
| 7 Tu ◐ | 0044<br>1303 | 1.8<br>0.4 | 55<br>12 | 22 W | 0148<br>1335 | 1.8<br>0.4 | 55<br>12 |
| 8 W | 0153<br>1347 | 1.7<br>0.4 | 52<br>12 | 23 Th | 0320<br>1409 | 1.5<br>0.6 | 46<br>18 |
| 9 Th | 0311<br>1423 | 1.7<br>0.5 | 52<br>15 | 24 F | 0532<br>1414<br>2041 | 1.3<br>0.9<br>1.1 | 40<br>27<br>34 |
| 10 F | 0439<br>1449 | 1.5<br>0.7 | 46<br>21 | 25 Sa | 0202<br>0834<br>1308<br>1912 | 1.0<br>1.1<br>1.0<br>1.2 | 30<br>34<br>30<br>37 |
| 11 Sa | 0616<br>1500<br>2125 | 1.4<br>0.8<br>1.1 | 43<br>24<br>34 | 26 Su | 0333<br>1853 | 0.7<br>1.4 | 21<br>43 |
| 12 Su | 0053<br>0809<br>1441<br>1949 | 1.0<br>1.3<br>1.0<br>1.2 | 30<br>40<br>30<br>37 | 27 M | 0432<br>1904 | 0.5<br>1.6 | 15<br>49 |
| 13 M | 0258<br>1925 | 0.8<br>1.4 | 24<br>43 | 28 Tu ● | 0521<br>1926 | 0.4<br>1.7 | 12<br>52 |
| 14 Tu ○ | 0419<br>1936 | 0.6<br>1.6 | 18<br>49 | 29 W | 0604<br>1952 | 0.3<br>1.8 | 9<br>55 |
| 15 W | 0532<br>2006 | 0.4<br>1.9 | 12<br>58 | 30 Th | 0648<br>2023 | 0.2<br>1.9 | 6<br>58 |
| | | | | 31 F | 0734<br>2058 | 0.2<br>1.9 | 6<br>58 |

## November

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Sa | 0826<br>2136 | 0.2<br>1.9 | 6<br>58 | 16 Su | 0911<br>2222 | −0.3<br>2.0 | −9<br>61 |
| 2 Su | 0921<br>2219 | 0.2<br>1.8 | 6<br>55 | 17 M | 1015<br>2317 | −0.2<br>1.8 | −6<br>55 |
| 3 M | 1016<br>2303 | 0.2<br>1.7 | 6<br>52 | 18 Tu | 1112 | −0.1 | −3 |
| 4 Tu | 1106<br>2349 | 0.3<br>1.6 | 9<br>49 | 19 W ◑ | 0009<br>1156 | 1.5<br>0.2 | 46<br>6 |
| 5 W ◐ | 1148 | 0.3 | 9 | 20 Th | 0052<br>1213<br>2214 | 1.2<br>0.4<br>0.9 | 37<br>12<br>27 |
| 6 Th | 0038<br>1220 | 1.5<br>0.4 | 46<br>12 | 21 F | 1125<br>1839 | 0.7<br>0.9 | 21<br>27 |
| 7 F | 0135<br>1238 | 1.3<br>0.6 | 40<br>18 | 22 Sa | 0306<br>1743 | 0.6<br>1.1 | 18<br>34 |
| 8 Sa | 0343<br>1232<br>1925 | 1.1<br>0.8<br>1.0 | 34<br>24<br>30 | 23 Su | 0339<br>1741 | 0.3<br>1.3 | 9<br>40 |
| 9 Su | 0203<br>0822<br>1108<br>1820 | 0.8<br>0.9<br>0.8<br>1.2 | 24<br>27<br>24<br>37 | 24 M | 0416<br>1759 | 0.1<br>1.4 | 3<br>43 |
| 10 M | 0304<br>1808 | 0.5<br>1.4 | 15<br>43 | 25 Tu | 0451<br>1825 | −0.1<br>1.5 | −3<br>46 |
| 11 Tu | 0358<br>1825 | 0.2<br>1.6 | 6<br>49 | 26 W | 0526<br>1856 | −0.2<br>1.6 | −6<br>49 |
| 12 W | 0454<br>1859 | 0.0<br>1.9 | 0<br>58 | 27 Th ● | 0602<br>1929 | −0.2<br>1.6 | −6<br>49 |
| 13 Th ○ | 0553<br>1943 | −0.2<br>2.0 | −6<br>61 | 28 F | 0641<br>2004 | −0.2<br>1.6 | −6<br>49 |
| 14 F | 0657<br>2033 | −0.3<br>2.1 | −9<br>64 | 29 Sa | 0722<br>2041 | −0.2<br>1.6 | −6<br>49 |
| 15 Sa | 0803<br>2127 | −0.4<br>2.1 | −12<br>64 | 30 Su | 0804<br>2119 | −0.2<br>1.5 | −6<br>46 |

## December

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 M | 0846<br>2156 | −0.2<br>1.5 | −6<br>46 | 16 Tu | 0947<br>2306 | −0.4<br>1.1 | −12<br>34 |
| 2 Tu | 0924<br>2231 | −0.1<br>1.3 | −3<br>40 | 17 W | 1020<br>2334 | −0.2<br>0.8 | −6<br>24 |
| 3 W | 0955<br>2302 | 0.0<br>1.2 | 0<br>37 | 18 Th | 1012<br>2036 | 0.1<br>0.5 | 3<br>15 |
| 4 Th | 1016<br>2322 | 0.1<br>1.0 | 3<br>30 | 19 F ◑ | 0752<br>1639 | 0.3<br>0.6 | 9<br>18 |
| 5 F ◐ | 1020<br>2135 | 0.2<br>0.7 | 6<br>21 | 20 Sa | 0257<br>1604 | 0.1<br>0.8 | 3<br>24 |
| 6 Sa | 0941<br>1752 | 0.4<br>0.7 | 12<br>21 | 21 Su | 0305<br>1618 | −0.2<br>1.0 | −6<br>30 |
| 7 Su | 0304<br>1656 | 0.4<br>0.9 | 12<br>27 | 22 M | 0335<br>1647 | −0.4<br>1.1 | −12<br>34 |
| 8 M | 0249<br>1653 | 0.1<br>1.1 | 3<br>34 | 23 Tu | 0408<br>1721 | −0.5<br>1.2 | −15<br>37 |
| 9 Tu | 0325<br>1717 | −0.2<br>1.4 | −6<br>43 | 24 W | 0442<br>1759 | −0.6<br>1.2 | −18<br>37 |
| 10 W | 0411<br>1757 | −0.5<br>1.6 | −15<br>49 | 25 Th | 0518<br>1839 | −0.6<br>1.2 | −18<br>37 |
| 11 Th | 0504<br>1846 | −0.7<br>1.7 | −21<br>52 | 26 F | 0554<br>1919 | −0.6<br>1.2 | −18<br>37 |
| 12 F ○ | 0601<br>1940 | −0.8<br>1.8 | −24<br>55 | 27 Sa ● | 0631<br>1958 | −0.6<br>1.2 | −18<br>37 |
| 13 Sa | 0701<br>2035 | −0.9<br>1.8 | −27<br>55 | 28 Su | 0706<br>2035 | −0.6<br>1.2 | −18<br>37 |
| 14 Su | 0800<br>2129 | −0.8<br>1.6 | −24<br>49 | 29 M | 0738<br>2110 | −0.6<br>1.1 | −18<br>34 |
| 15 M | 0857<br>2221 | −0.6<br>1.4 | −18<br>43 | 30 Tu | 0805<br>2141 | −0.5<br>1.0 | −15<br>30 |
| | | | | 31 W | 0824<br>2210 | −0.4<br>0.8 | −12<br>24 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Grand Isle (East Point), Louisiana, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm | | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 0410<br>1657 | −0.2 / −6<br>0.6 / 18 | **16** W | 0249<br>1605 | −0.4 / −12<br>0.7 / 21 | **1** F | 0426<br>1723 | −0.5 / −15<br>0.8 / 24 | **16** Sa | 0432<br>1752 | −0.7 / −21<br>1.0 / 30 |
| **2** W | 0427<br>1722 | −0.3 / −9<br>0.7 / 21 | **17** Th | 0341<br>1655 | −0.6 / −18<br>0.9 / 27 | **2** Sa | 0513<br>1821 | −0.6 / −18<br>0.8 / 24 | **17** Su | 0531<br>1904 | −0.7 / −21<br>1.0 / 30 |
| **3** Th | 0458<br>1758 | −0.5 / −15<br>0.8 / 24 | **18** F | 0436<br>1755 | −0.8 / −24<br>1.0 / 30 | **3** Su | 0557<br>1915 | −0.6 / −18<br>0.8 / 24 | **18** M | 0625<br>2010 | −0.7 / −21<br>0.9 / 27 |
| **4** F | 0535<br>1842 | −0.5 / −15<br>0.9 / 27 | **19** Sa | 0534<br>1859 | −0.9 / −27<br>1.1 / 34 | **4** M | 0638<br>2004 | −0.6 / −18<br>0.9 / 27 | **19** Tu | 0711<br>2110 | −0.5 / −15<br>0.8 / 24 |
| **5** Sa | 0616<br>1928 | −0.6 / −18<br>0.9 / 27 | **20** Su | 0631<br>2002 | −0.9 / −27<br>1.1 / 34 | **5** Tu | 0715<br>2050 | −0.6 / −18<br>0.8 / 24 | **20** W ○ | 0750<br>2207 | −0.4 / −12<br>0.7 / 21 |
| **6** Su | 0657<br>2013 | −0.6 / −18<br>0.9 / 27 | **21** M | 0725<br>2100 | −0.9 / −27<br>1.0 / 30 | **6** W ● | 0747<br>2135 | −0.6 / −18<br>0.8 / 24 | **21** Th | 0815<br>2307 | −0.2 / −6<br>0.5 / 15 |
| **7** M | 0737<br>2056 | −0.7 / −21<br>1.0 / 30 | **22** Tu ○ | 0815<br>2152 | −0.8 / −24<br>0.9 / 27 | **7** Th | 0814<br>2223 | −0.5 / −15<br>0.7 / 21 | **22** F | 0812 | 0.0 / 0 |
| **8** Tu ● | 0814<br>2135 | −0.7 / −21<br>0.9 / 27 | **23** W | 0857<br>2239 | −0.6 / −18<br>0.7 / 21 | **8** F | 0833<br>2320 | −0.3 / −9<br>0.5 / 15 | **23** Sa | 0025<br>0703<br>1207<br>1932 | 0.3 / 9<br>0.2 / 6<br>0.3 / 9<br>0.1 / 3 |
| **9** W | 0847<br>2213 | −0.6 / −18<br>0.9 / 27 | **24** Th | 0927<br>2320 | −0.4 / −12<br>0.6 / 18 | **9** Sa | 0831 | −0.1 / −3 | **24** Su | 1154<br>2142 | 0.4 / 12<br>0.0 / 0 |
| **10** Th | 0915<br>2250 | −0.6 / −18<br>0.8 / 24 | **25** F | 0938<br>2354 | −0.2 / −6<br>0.3 / 9 | **10** Su | 0045<br>0732<br>1312<br>2102 | 0.3 / 9<br>0.1 / 3<br>0.2 / 6<br>0.0 / 0 | **25** M | 1213<br>2319 | 0.6 / 18<br>−0.1 / −3 |
| **11** F | 0936<br>2326 | −0.4 / −12<br>0.6 / 18 | **26** Sa | 0904 | −0.1 / −3 | **11** M | 1302<br>2334 | 0.4 / 12<br>−0.2 / −6 | **26** Tu | 1247 | 0.7 / 21 |
| **12** Sa | 0944 | −0.3 / −9 | **27** Su | 0004<br>0658<br>1447 | 0.1 / 3<br>0.0 / 0<br>0.2 / 6 | **12** Tu | 1332 | 0.6 / 18 | **27** W | 0036<br>1332 | −0.2 / −6<br>0.7 / 21 |
| **13** Su | 0000<br>0919<br>1736 | 0.4 / 12<br>−0.1 / −3<br>0.2 / 6 | **28** M | 0215<br>1436 | −0.1 / −3<br>0.4 / 12 | **13** W ◐ | 0106<br>1422 | −0.4 / −12<br>0.8 / 24 | **28** Th ◑ | 0145<br>1427 | −0.3 / −9<br>0.8 / 24 |
| **14** M | 0709<br>1540 | 0.0 / 0<br>0.3 / 9 | **29** Tu ◑ | 0221<br>1458 | −0.2 / −6<br>0.5 / 15 | **14** Th | 0220<br>1525 | −0.6 / −18<br>0.9 / 27 | **29** F | 0247<br>1532 | −0.3 / −9<br>0.8 / 24 |
| **15** Tu ◐ | 0211<br>1533 | −0.2 / −6<br>0.5 / 15 | **30** W | 0258<br>1536 | −0.4 / −12<br>0.6 / 18 | **15** F | 0328<br>1637 | −0.7 / −21<br>1.0 / 30 | | | |
| | | | **31** Th | 0341<br>1626 | −0.5 / −15<br>0.7 / 21 | | | | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0344<br>1641 | −0.4 / −12<br>0.9 / 27 | **16** Su | 0414<br>1744 | −0.4 / −12<br>1.0 / 30 |
| **2** Su | 0434<br>1747 | −0.4 / −12<br>0.9 / 27 | **17** M | 0508<br>1905 | −0.3 / −9<br>0.9 / 27 |
| **3** M | 0519<br>1850 | −0.4 / −12<br>0.9 / 27 | **18** Tu | 0553<br>2025 | −0.1 / −3<br>0.8 / 24 |
| **4** Tu | 0557<br>1950 | −0.3 / −9<br>0.9 / 27 | **19** W | 0625<br>2152 | 0.1 / 3<br>0.7 / 21 |
| **5** W | 0631<br>2054 | −0.3 / −9<br>0.8 / 24 | **20** Th | 0634<br>1150<br>1546<br>2346 | 0.2 / 6<br>0.3 / 9<br>0.2 / 6<br>0.5 / 15 |
| **6** Th | 0700<br>2209 | −0.1 / −3<br>0.7 / 21 | **21** F ○ | 0540<br>1002<br>1758 | 0.4 / 12<br>0.5 / 15<br>0.2 / 6 |
| **7** F ● | 0718<br>2351 | 0.1 / 3<br>0.5 / 15 | **22** Sa | 0945<br>1917 | 0.7 / 21<br>0.1 / 3 |
| **8** Sa | 0653<br>1039<br>1808 | 0.2 / 6<br>0.3 / 9<br>0.1 / 3 | **23** Su | 1000<br>2020 | 0.8 / 24<br>0.0 / 0 |
| **9** Su | 1026<br>2003 | 0.6 / 18<br>−0.1 / −3 | **24** M | 1027<br>2118 | 0.9 / 27<br>0.0 / 0 |
| **10** M | 1056<br>2141 | 0.8 / 24<br>−0.2 / −6 | **25** Tu | 1102<br>2221 | 1.0 / 30<br>−0.1 / −3 |
| **11** Tu | 1142<br>2313 | 1.0 / 30<br>−0.3 / −9 | **26** W | 1144<br>2330 | 1.0 / 30<br>−0.1 / −3 |
| **12** W | 1239 | 1.1 / 34 | **27** Th | 1234 | 1.1 / 34 |
| **13** Th | 0039<br>1345 | −0.4 / −12<br>1.1 / 34 | **28** F | 0041<br>1331 | −0.1 / −3<br>1.1 / 34 |
| **14** F ◐ | 0159<br>1500 | −0.5 / −15<br>1.1 / 34 | **29** Sa ◑ | 0147<br>1434 | −0.1 / −3<br>1.1 / 34 |
| **15** Sa | 0311<br>1621 | −0.5 / −15<br>1.1 / 34 | **30** Su | 0243<br>1540 | −0.1 / −3<br>1.1 / 34 |
| | | | **31** M | 0330<br>1652 | −0.1 / −3<br>1.0 / 30 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Grand Isle (East Point), Louisiana, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Tu | 0411<br>1813 | 0.0 / 0<br>0.9 / 27 | 16 W | 0415<br>1049<br>1545<br>2236 | 0.4 / 12<br>0.6 / 18<br>0.5 / 15<br>0.6 / 18 |
| 2 W | 0445<br>1953 | 0.1 / 3<br>0.8 / 24 | 17 Th | 0309<br>0853<br>1718 | 0.5 / 15<br>0.7 / 21<br>0.3 / 9 |
| 3 Th | 0509<br>2207 | 0.3 / 9<br>0.7 / 21 | 18 F | 0820<br>1813 | 0.9 / 27<br>0.2 / 6 |
| 4 F | 0505<br>0910<br>1634 | 0.4 / 12<br>0.5 / 15<br>0.3 / 9 | 19 Sa | 0825<br>1856 | 1.0 / 30<br>0.1 / 3 |
| 5 Sa ● | 0832<br>1803 | 0.8 / 24<br>0.1 / 3 | 20 Su ○ | 0845<br>1936 | 1.1 / 34<br>0.0 / 0 |
| 6 Su | 0849<br>1917 | 1.0 / 30<br>−0.1 / −3 | 21 M | 0913<br>2017 | 1.2 / 37<br>0.0 / 0 |
| 7 M | 0928<br>2030 | 1.2 / 37<br>−0.2 / −6 | 22 Tu | 0947<br>2104 | 1.2 / 37<br>−0.1 / −3 |
| 8 Tu | 1018<br>2146 | 1.3 / 40<br>−0.3 / −9 | 23 W | 1026<br>2157 | 1.3 / 40<br>−0.1 / −3 |
| 9 W | 1115<br>2304 | 1.4 / 43<br>−0.3 / −9 | 24 Th | 1110<br>2253 | 1.3 / 40<br>−0.1 / −3 |
| 10 Th | 1217 | 1.4 / 43 | 25 F | 1157<br>2350 | 1.3 / 40<br>0.0 / 0 |
| 11 F | 0023<br>1323 | −0.3 / −9<br>1.4 / 43 | 26 Sa | 1245 | 1.3 / 40 |
| 12 Sa ◐ | 0135<br>1433 | −0.3 / −9<br>1.3 / 40 | 27 Su | 0040<br>1333 | 0.0 / 0<br>1.2 / 37 |
| 13 Su | 0238<br>1547 | −0.1 / −3<br>1.1 / 34 | 28 M ◑ | 0124<br>1424 | 0.0 / 0<br>1.1 / 34 |
| 14 M | 0329<br>1714 | 0.0 / 0<br>0.9 / 27 | 29 Tu | 0159<br>1524 | 0.1 / 3<br>0.9 / 27 |
| 15 Tu | 0405<br>1919 | 0.2 / 6<br>0.8 / 24 | 30 W | 0222<br>1741 | 0.3 / 9<br>0.8 / 24 |

## May

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Th | 0220<br>0854<br>1532 | 0.5 / 15<br>0.7 / 21<br>0.5 / 15 | 16 F | 0711<br>1755 | 1.0 / 30<br>0.1 / 3 |
| 2 F | 0734<br>1640 | 0.8 / 24<br>0.2 / 6 | 17 Sa | 0724<br>1826 | 1.2 / 37<br>0.0 / 0 |
| 3 Sa | 0720<br>1738 | 1.1 / 34<br>0.0 / 0 | 18 Su | 0747<br>1900 | 1.3 / 40<br>−0.1 / −3 |
| 4 Su | 0743<br>1835 | 1.3 / 40<br>−0.2 / −6 | 19 M ○ | 0817<br>1936 | 1.3 / 40<br>−0.1 / −3 |
| 5 M ● | 0823<br>1937 | 1.5 / 46<br>−0.3 / −9 | 20 Tu | 0852<br>2016 | 1.4 / 43<br>−0.1 / −3 |
| 6 Tu | 0914<br>2042 | 1.6 / 49<br>−0.4 / −12 | 21 W | 0930<br>2059 | 1.4 / 43<br>−0.1 / −3 |
| 7 W | 1009<br>2150 | 1.6 / 49<br>−0.4 / −12 | 22 Th | 1010<br>2143 | 1.4 / 43<br>−0.1 / −3 |
| 8 Th | 1108<br>2258 | 1.6 / 49<br>−0.3 / −9 | 23 F | 1050<br>2224 | 1.4 / 43<br>−0.1 / −3 |
| 9 F | 1206 | 1.5 / 46 | 24 Sa | 1128<br>2301 | 1.3 / 40<br>−0.1 / −3 |
| 10 Sa | 0002<br>1301 | −0.2 / −6<br>1.4 / 43 | 25 Su | 1203<br>2332 | 1.2 / 37<br>0.0 / 0 |
| 11 Su ◐ | 0056<br>1349 | −0.1 / −3<br>1.2 / 37 | 26 M | 1235<br>2353 | 1.1 / 34<br>0.1 / 3 |
| 12 M | 0136<br>1418 | 0.1 / 3<br>0.9 / 27 | 27 Tu ◑ | 1251<br>2357 | 0.9 / 27<br>0.3 / 9 |
| 13 Tu | 0150<br>1122 | 0.3 / 9<br>0.7 / 21 | 28 W | 1021<br>2309 | 0.7 / 21<br>0.5 / 15 |
| 14 W | 0055<br>0829<br>1704 | 0.5 / 15<br>0.7 / 21<br>0.4 / 12 | 29 Th | 0715<br>1614 | 0.8 / 24<br>0.4 / 12 |
| 15 Th | 0723<br>1725 | 0.9 / 27<br>0.2 / 6 | 30 F | 0620<br>1623 | 0.9 / 27<br>0.1 / 3 |
| | | | 31 Sa | 0617<br>1703 | 1.1 / 34<br>−0.1 / −3 |

## June

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Su | 0645<br>1753 | 1.4 / 43<br>−0.3 / −9 | 16 M | 0726<br>1857 | 1.3 / 40<br>−0.2 / −6 |
| 2 M | 0728<br>1849 | 1.5 / 46<br>−0.5 / −15 | 17 Tu | 0806<br>1935 | 1.4 / 43<br>−0.2 / −6 |
| 3 Tu ● | 0820<br>1949 | 1.6 / 49<br>−0.5 / −15 | 18 W ○ | 0845<br>2014 | 1.4 / 43<br>−0.2 / −6 |
| 4 W | 0916<br>2050 | 1.7 / 52<br>−0.5 / −15 | 19 Th | 0924<br>2050 | 1.4 / 43<br>−0.2 / −6 |
| 5 Th | 1012<br>2149 | 1.6 / 49<br>−0.4 / −12 | 20 F | 1000<br>2122 | 1.4 / 43<br>−0.2 / −6 |
| 6 F | 1106<br>2243 | 1.5 / 46<br>−0.3 / −9 | 21 Sa | 1034<br>2149 | 1.3 / 40<br>−0.1 / −3 |
| 7 Sa | 1154<br>2327 | 1.4 / 43<br>−0.1 / −3 | 22 Su | 1104<br>2209 | 1.2 / 37<br>0.0 / 0 |
| 8 Su | 1230<br>2353 | 1.1 / 34<br>0.1 / 3 | 23 M | 1130<br>2218 | 1.1 / 34<br>0.1 / 3 |
| 9 M | 1231<br>2341 | 0.9 / 27<br>0.3 / 9 | 24 Tu | 1139<br>2204 | 0.9 / 27<br>0.3 / 9 |
| 10 Tu ◐ | 0924<br>2134 | 0.7 / 21<br>0.5 / 15 | 25 W | 0824<br>2047 | 0.7 / 21<br>0.4 / 12 |
| 11 W | 0651<br>1659 | 0.8 / 24<br>0.3 / 9 | 26 Th ◑ | 0532<br>1601 | 0.8 / 24<br>0.3 / 9 |
| 12 Th | 0603<br>1652 | 0.9 / 27<br>0.1 / 3 | 27 F | 0457<br>1543 | 0.9 / 27<br>0.1 / 3 |
| 13 F | 0602<br>1715 | 1.1 / 34<br>0.0 / 0 | 28 Sa | 0507<br>1619 | 1.2 / 37<br>−0.2 / −6 |
| 14 Sa | 0621<br>1745 | 1.2 / 37<br>−0.1 / −3 | 29 Su | 0543<br>1707 | 1.4 / 43<br>−0.4 / −12 |
| 15 Su | 0651<br>1819 | 1.3 / 40<br>−0.2 / −6 | 30 M | 0632<br>1802 | 1.5 / 46<br>−0.5 / −15 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Grand Isle (East Point), Louisiana, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0728 | 1.6 | 49 |
| | 1859 | −0.6 | −18 |
| **2** W ● | 0827 | 1.6 | 49 |
| | 1955 | −0.5 | −15 |
| **3** Th | 0924 | 1.6 | 49 |
| | 2049 | −0.5 | −15 |
| **4** F | 1017 | 1.5 | 46 |
| | 2136 | −0.3 | −9 |
| **5** Sa | 1104 | 1.3 | 40 |
| | 2213 | −0.1 | −3 |
| **6** Su | 1141 | 1.1 | 34 |
| | 2229 | 0.1 | 3 |
| **7** M | 1156 | 0.8 | 24 |
| | 2202 | 0.3 | 9 |
| **8** Tu | 0753 | 0.6 | 18 |
| | 1943 | 0.5 | 15 |
| **9** W ◐ | 0452 | 0.7 | 21 |
| | 1555 | 0.3 | 9 |
| **10** Th | 0422 | 0.9 | 27 |
| | 1547 | 0.1 | 3 |
| **11** F | 0434 | 1.1 | 34 |
| | 1613 | 0.0 | 0 |
| **12** Sa | 0504 | 1.2 | 37 |
| | 1648 | −0.1 | −3 |
| **13** Su | 0544 | 1.3 | 40 |
| | 1727 | −0.2 | −6 |
| **14** M | 0629 | 1.3 | 40 |
| | 1808 | −0.2 | −6 |
| **15** Tu | 0716 | 1.3 | 40 |
| | 1849 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0800 | 1.4 | 43 |
| | 1927 | −0.2 | −6 |
| **17** Th | 0841 | 1.4 | 43 |
| | 2000 | −0.2 | −6 |
| **18** F ○ | 0918 | 1.4 | 43 |
| | 2027 | −0.1 | −3 |
| **19** Sa | 0952 | 1.3 | 40 |
| | 2049 | −0.1 | −3 |
| **20** Su | 1025 | 1.2 | 37 |
| | 2102 | 0.1 | 3 |
| **21** M | 1057 | 1.0 | 30 |
| | 2101 | 0.2 | 6 |
| **22** Tu | 1125 | 0.8 | 24 |
| | 2030 | 0.4 | 12 |
| **23** W | 0440 | 0.7 | 21 |
| | 1838 | 0.5 | 15 |
| **24** Th | 0313 | 0.8 | 24 |
| | 1358 | 0.3 | 9 |
| **25** F ◑ | 0309 | 1.0 | 30 |
| | 1426 | 0.1 | 3 |
| **26** Sa | 0339 | 1.2 | 37 |
| | 1515 | −0.1 | −3 |
| **27** Su | 0427 | 1.4 | 43 |
| | 1611 | −0.3 | −9 |
| **28** M | 0527 | 1.5 | 46 |
| | 1708 | −0.4 | −12 |
| **29** Tu | 0631 | 1.6 | 49 |
| | 1805 | −0.4 | −12 |
| **30** W | 0735 | 1.6 | 49 |
| | 1900 | −0.4 | −12 |
| **31** Th | 0836 | 1.6 | 49 |
| | 1950 | −0.3 | −9 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0932 | 1.5 | 46 |
| | 2033 | −0.1 | −3 |
| **2** Sa | 1024 | 1.3 | 40 |
| | 2105 | 0.1 | 3 |
| **3** Su | 1113 | 1.1 | 34 |
| | 2115 | 0.3 | 9 |
| **4** M | 1201 | 0.9 | 27 |
| | 2031 | 0.5 | 15 |
| **5** Tu | 0314 | 0.7 | 21 |
| | 0858 | 0.5 | 15 |
| | 1317 | 0.6 | 18 |
| | 1729 | 0.5 | 15 |
| **6** W | 0201 | 0.9 | 27 |
| | 1256 | 0.4 | 12 |
| **7** Th | 0206 | 1.0 | 30 |
| | 1350 | 0.3 | 9 |
| **8** F ◐ | 0236 | 1.1 | 34 |
| | 1438 | 0.2 | 6 |
| **9** Sa | 0319 | 1.2 | 37 |
| | 1526 | 0.1 | 3 |
| **10** Su | 0411 | 1.3 | 40 |
| | 1615 | 0.0 | 0 |
| **11** M | 0509 | 1.4 | 43 |
| | 1702 | 0.0 | 0 |
| **12** Tu | 0607 | 1.4 | 43 |
| | 1746 | 0.0 | 0 |
| **13** W | 0701 | 1.4 | 43 |
| | 1826 | 0.0 | 0 |
| **14** Th | 0749 | 1.4 | 43 |
| | 1859 | 0.0 | 0 |
| **15** F | 0832 | 1.4 | 43 |
| | 1926 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0915 | 1.3 | 40 |
| | 1947 | 0.2 | 6 |
| **17** Su | 1001 | 1.2 | 37 |
| | 1956 | 0.4 | 12 |
| **18** M | 1056 | 1.0 | 30 |
| | 1943 | 0.6 | 18 |
| **19** Tu | 0223 | 0.7 | 21 |
| | 0457 | 0.6 | 18 |
| | 1221 | 0.9 | 27 |
| | 1836 | 0.7 | 21 |
| **20** W | 0043 | 0.9 | 27 |
| | 0847 | 0.6 | 18 |
| **21** Th | 0038 | 1.1 | 34 |
| | 1103 | 0.4 | 12 |
| **22** F | 0106 | 1.3 | 40 |
| | 1233 | 0.2 | 6 |
| **23** Sa ◑ | 0154 | 1.4 | 43 |
| | 1348 | 0.1 | 3 |
| **24** Su | 0254 | 1.5 | 46 |
| | 1457 | 0.0 | 0 |
| **25** M | 0405 | 1.6 | 49 |
| | 1601 | −0.1 | −3 |
| **26** Tu | 0519 | 1.7 | 52 |
| | 1701 | −0.1 | −3 |
| **27** W | 0633 | 1.6 | 49 |
| | 1756 | 0.0 | 0 |
| **28** Th | 0742 | 1.6 | 49 |
| | 1844 | 0.1 | 3 |
| **29** F | 0847 | 1.5 | 46 |
| | 1924 | 0.3 | 9 |
| **30** Sa ● | 0953 | 1.3 | 40 |
| | 1952 | 0.5 | 15 |
| **31** Su | 1106 | 1.1 | 34 |
| | 1945 | 0.7 | 21 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0040 | 0.8 | 24 |
| | 0505 | 0.7 | 21 |
| | 1258 | 0.9 | 27 |
| | 1806 | 0.8 | 24 |
| | 2321 | 0.9 | 27 |
| **2** Tu | 0751 | 0.6 | 18 |
| | 2324 | 1.1 | 34 |
| **3** W | 0942 | 0.5 | 15 |
| | 2351 | 1.2 | 37 |
| **4** Th | 1108 | 0.4 | 12 |
| **5** F | 0029 | 1.3 | 40 |
| | 1223 | 0.4 | 12 |
| **6** Sa | 0116 | 1.4 | 43 |
| | 1331 | 0.3 | 9 |
| **7** Su ◐ | 0212 | 1.4 | 43 |
| | 1434 | 0.3 | 9 |
| **8** M | 0317 | 1.5 | 46 |
| | 1531 | 0.2 | 6 |
| **9** Tu | 0424 | 1.5 | 46 |
| | 1620 | 0.2 | 6 |
| **10** W | 0530 | 1.5 | 46 |
| | 1702 | 0.3 | 9 |
| **11** Th | 0630 | 1.5 | 46 |
| | 1737 | 0.3 | 9 |
| **12** F | 0729 | 1.4 | 43 |
| | 1806 | 0.4 | 12 |
| **13** Sa | 0832 | 1.3 | 40 |
| | 1826 | 0.6 | 18 |
| **14** Su | 0948 | 1.2 | 37 |
| | 1828 | 0.7 | 21 |
| | 2340 | 0.8 | 24 |
| **15** M ○ | 0342 | 0.7 | 21 |
| | 1137 | 1.1 | 34 |
| | 1741 | 0.9 | 27 |
| | 2216 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0608 | 0.7 | 21 |
| | 2210 | 1.2 | 37 |
| **17** W | 0749 | 0.5 | 15 |
| | 2237 | 1.4 | 43 |
| **18** Th | 0917 | 0.4 | 12 |
| | 2320 | 1.5 | 46 |
| **19** F | 1043 | 0.2 | 6 |
| **20** Sa | 0014 | 1.7 | 52 |
| | 1207 | 0.1 | 3 |
| **21** Su ◑ | 0117 | 1.7 | 52 |
| | 1326 | 0.1 | 3 |
| **22** M | 0228 | 1.7 | 52 |
| | 1438 | 0.1 | 3 |
| **23** Tu | 0345 | 1.7 | 52 |
| | 1541 | 0.1 | 3 |
| **24** W | 0506 | 1.6 | 49 |
| | 1635 | 0.2 | 6 |
| **25** Th | 0629 | 1.5 | 46 |
| | 1721 | 0.4 | 12 |
| **26** F | 0757 | 1.3 | 40 |
| | 1754 | 0.6 | 18 |
| **27** Sa | 0938 | 1.2 | 37 |
| | 1800 | 0.8 | 24 |
| | 2253 | 0.9 | 27 |
| **28** Su | 0411 | 0.8 | 24 |
| | 1206 | 1.0 | 30 |
| | 1642 | 0.9 | 27 |
| | 2128 | 1.1 | 34 |
| **29** M ● | 0605 | 0.7 | 21 |
| | 2122 | 1.2 | 37 |
| **30** Tu | 0719 | 0.5 | 15 |
| | 2142 | 1.4 | 43 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Grand Isle (East Point), Louisiana, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 W | 0820<br>2212 | 0.4 12<br>1.5 46 | 16 Th | 0811<br>2200 | 0.1 3<br>1.7 52 |
| 2 Th | 0918<br>2249 | 0.4 12<br>1.5 46 | 17 F | 0923<br>2254 | 0.0 0<br>1.8 55 |
| 3 F | 1019<br>2333 | 0.4 12<br>1.5 46 | 18 Sa | 1039<br>2354 | 0.0 0<br>1.8 55 |
| 4 Sa | 1126 | 0.3 9 | 19 Su | 1155 | 0.0 0 |
| 5 Su | 0022<br>1234 | 1.5 46<br>0.3 9 | 20 M | 0058<br>1305 | 1.7 52<br>0.0 0 |
| 6 M | 0118<br>1335 | 1.5 46<br>0.3 9 | 21 Tu ◑ | 0204<br>1407 | 1.6 49<br>0.1 3 |
| 7 Tu ◐ | 0216<br>1428 | 1.5 46<br>0.3 9 | 22 W | 0313<br>1458 | 1.5 46<br>0.3 9 |
| 8 W | 0318<br>1511 | 1.5 46<br>0.4 12 | 23 Th | 0433<br>1535 | 1.3 40<br>0.5 15 |
| 9 Th | 0423<br>1546 | 1.4 43<br>0.4 12 | 24 F | 0640<br>1543<br>2217 | 1.1 34<br>0.7 21<br>0.9 27 |
| 10 F | 0540<br>1611 | 1.3 40<br>0.6 18 | 25 Sa | 0347<br>1037<br>1419<br>2027 | 0.8 24<br>0.9 27<br>0.8 24<br>1.0 30 |
| 11 Sa | 0724<br>1622<br>2245 | 1.2 37<br>0.7 21<br>0.9 27 | 26 Su | 0513<br>2000 | 0.6 18<br>1.2 37 |
| 12 Su | 0233<br>0952<br>1551<br>2049 | 0.8 24<br>1.0 30<br>0.9 27<br>1.0 30 | 27 M | 0606<br>2010 | 0.4 12<br>1.3 40 |
| 13 M | 0440<br>2022 | 0.7 21<br>1.2 37 | 28 Tu ● | 0650<br>2033 | 0.3 9<br>1.4 43 |
| 14 Tu ○ | 0556<br>2037 | 0.5 15<br>1.4 43 | 29 W | 0733<br>2104 | 0.2 6<br>1.5 46 |
| 15 W | 0703<br>2113 | 0.3 9<br>1.6 49 | 30 Th | 0816<br>2140 | 0.1 3<br>1.5 46 |
| | | | 31 F | 0904<br>2219 | 0.1 3<br>1.5 46 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0956<br>2303 | 0.1 3<br>1.5 46 | 16 Su | 1036<br>2348 | −0.3 −9<br>1.6 49 |
| 2 Su | 1051<br>2347 | 0.1 3<br>1.5 46 | 17 M | 1139 | −0.3 −9 |
| 3 M | 1143 | 0.1 3 | 18 Tu | 0043<br>1234 | 1.4 43<br>−0.1 −3 |
| 4 Tu | 0032<br>1229 | 1.4 43<br>0.2 6 | 19 W ◑ | 0132<br>1315 | 1.2 37<br>0.1 3 |
| 5 W ◐ | 0114<br>1306 | 1.3 40<br>0.2 6 | 20 Th | 0207<br>1332<br>2322 | 1.0 30<br>0.3 9<br>0.7 21 |
| 6 Th | 0156<br>1334 | 1.2 37<br>0.3 9 | 21 F | 1239<br>2004 | 0.5 15<br>0.7 21 |
| 7 F | 0238<br>1347 | 1.1 34<br>0.5 15 | 22 Sa | 0442<br>1858 | 0.4 12<br>0.9 27 |
| 8 Sa | 0346<br>1328<br>2027 | 0.8 24<br>0.6 18<br>0.8 24 | 23 Su | 0507<br>1851 | 0.2 6<br>1.0 30 |
| 9 Su | 0351<br>1918 | 0.6 18<br>1.0 30 | 24 M | 0541<br>1909 | 0.0 0<br>1.1 34 |
| 10 M | 0438<br>1908 | 0.4 12<br>1.2 37 | 25 Tu | 0617<br>1937 | −0.1 −3<br>1.2 37 |
| 11 Tu | 0527<br>1930 | 0.1 3<br>1.3 40 | 26 W | 0653<br>2010 | −0.2 −6<br>1.3 40 |
| 12 W | 0620<br>2009 | −0.1 −3<br>1.5 46 | 27 Th ● | 0732<br>2048 | −0.2 −6<br>1.3 40 |
| 13 Th ○ | 0718<br>2058 | −0.2 −6<br>1.6 49 | 28 F | 0814<br>2127 | −0.2 −6<br>1.3 40 |
| 14 F | 0822<br>2153 | −0.3 −9<br>1.7 52 | 29 Sa | 0857<br>2207 | −0.2 −6<br>1.3 40 |
| 15 Sa | 0929<br>2251 | −0.4 −12<br>1.7 52 | 30 Su | 0940<br>2245 | −0.2 −6<br>1.2 37 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 M | 1019<br>2320 | −0.2 −6<br>1.2 37 | 16 Tu | 1112 | −0.4 −12 |
| 2 Tu | 1052<br>2352 | −0.2 −6<br>1.1 34 | 17 W | 0027<br>1143 | 0.9 27<br>−0.2 −6 |
| 3 W | 1117 | −0.1 −3 | 18 Th | 0050<br>1137<br>2124 | 0.6 18<br>0.0 0<br>0.4 12 |
| 4 Th | 0019<br>1132 | 0.9 27<br>0.0 0 | 19 F ◑ | 0921<br>1808 | 0.2 6<br>0.4 12 |
| 5 F ◐ | 0030<br>1127<br>2205 | 0.8 24<br>0.2 6<br>0.6 18 | 20 Sa | 0412<br>1725 | 0.0 0<br>0.6 18 |
| 6 Sa | 1028<br>1850 | 0.3 9<br>0.6 18 | 21 Su | 0424<br>1734 | −0.2 −6<br>0.8 24 |
| 7 Su | 0425<br>1758 | 0.2 6<br>0.7 21 | 22 M | 0455<br>1801 | −0.3 −9<br>0.9 27 |
| 8 M | 0412<br>1759 | 0.0 0<br>0.9 27 | 23 Tu | 0531<br>1838 | −0.5 −15<br>0.9 27 |
| 9 Tu | 0447<br>1827 | −0.3 −9<br>1.1 34 | 24 W | 0610<br>1919 | −0.5 −15<br>1.0 30 |
| 10 W | 0535<br>1911 | −0.5 −15<br>1.3 40 | 25 Th | 0650<br>2002 | −0.5 −15<br>1.0 30 |
| 11 Th | 0630<br>2004 | −0.6 −18<br>1.4 43 | 26 F | 0731<br>2044 | −0.6 −18<br>1.0 30 |
| 12 F ○ | 0729<br>2101 | −0.7 −21<br>1.4 43 | 27 Sa ● | 0810<br>2123 | −0.6 −18<br>1.0 30 |
| 13 Sa | 0830<br>2159 | −0.7 −21<br>1.4 43 | 28 Su | 0845<br>2158 | −0.5 −15<br>1.0 30 |
| 14 Su | 0930<br>2254 | −0.7 −21<br>1.3 40 | 29 M | 0915<br>2230 | −0.5 −15<br>0.9 27 |
| 15 M | 1025<br>2344 | −0.6 −18<br>1.1 34 | 30 Tu | 0939<br>2258 | −0.4 −12<br>0.8 24 |
| | | | 31 W | 0954<br>2324 | −0.4 −12<br>0.6 18 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Galveston (Galveston Channel), Texas, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0554 | −0.2 | −6 |
| | 1431 | 0.8 | 24 |
| | 1913 | 0.7 | 21 |
| | 2148 | 0.8 | 24 |
| **2** W | 0625 | −0.3 | −9 |
| | 1526 | 1.0 | 30 |
| **3** Th | 0655 | −0.5 | −15 |
| | 1602 | 1.1 | 34 |
| **4** F | 0727 | −0.6 | −18 |
| | 1631 | 1.1 | 34 |
| **5** Sa | 0800 | −0.7 | −21 |
| | 1659 | 1.1 | 34 |
| **6** Su | 0835 | −0.7 | −21 |
| | 1728 | 1.1 | 34 |
| | 2132 | 0.9 | 27 |
| | 2336 | 1.0 | 30 |
| **7** M | 0910 | −0.8 | −24 |
| | 1759 | 1.0 | 30 |
| | 2109 | 0.9 | 27 |
| **8** Tu ● | 0032 | 1.0 | 30 |
| | 0945 | −0.8 | −24 |
| | 1831 | 1.0 | 30 |
| | 2129 | 0.9 | 27 |
| **9** W | 0116 | 1.0 | 30 |
| | 1019 | −0.8 | −24 |
| | 1900 | 1.0 | 30 |
| | 2209 | 0.9 | 27 |
| **10** Th | 0159 | 1.0 | 30 |
| | 1054 | −0.7 | −21 |
| | 1925 | 0.9 | 27 |
| | 2303 | 0.8 | 24 |
| **11** F | 0250 | 0.9 | 27 |
| | 1130 | −0.5 | −15 |
| | 1944 | 0.9 | 27 |
| **12** Sa | 0007 | 0.6 | 18 |
| | 0406 | 0.7 | 21 |
| | 1207 | −0.3 | −9 |
| | 1958 | 0.8 | 24 |
| **13** Su | 0116 | 0.4 | 12 |
| | 0612 | 0.6 | 18 |
| | 1246 | 0.0 | 0 |
| | 2007 | 0.8 | 24 |
| **14** M | 0222 | 0.1 | 3 |
| | 0846 | 0.5 | 15 |
| | 1330 | 0.3 | 9 |
| | 2009 | 0.7 | 21 |
| **15** Tu ◐ | 0322 | −0.2 | −6 |
| | 1114 | 0.7 | 21 |
| | 1427 | 0.6 | 18 |
| | 2002 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0420 | −0.5 | −15 |
| | 1317 | 0.9 | 27 |
| | 1631 | 0.8 | 24 |
| | 1912 | 0.9 | 27 |
| **17** Th | 0517 | −0.7 | −21 |
| | 1434 | 1.1 | 34 |
| **18** F | 0614 | −0.9 | −27 |
| | 1528 | 1.2 | 37 |
| **19** Sa | 0711 | −1.0 | −30 |
| | 1615 | 1.2 | 37 |
| **20** Su | 0807 | −1.1 | −34 |
| | 1659 | 1.2 | 37 |
| | 2130 | 1.0 | 30 |
| | 2358 | 1.1 | 34 |
| **21** M | 0900 | −1.1 | −34 |
| | 1738 | 1.1 | 34 |
| | 2138 | 1.0 | 30 |
| **22** Tu ○ | 0116 | 1.1 | 34 |
| | 0951 | −1.0 | −30 |
| | 1812 | 1.0 | 30 |
| | 2209 | 0.9 | 27 |
| **23** W | 0224 | 1.0 | 30 |
| | 1038 | −0.8 | −24 |
| | 1840 | 0.9 | 27 |
| | 2255 | 0.7 | 21 |
| **24** Th | 0330 | 0.9 | 27 |
| | 1121 | −0.6 | −18 |
| | 1902 | 0.8 | 24 |
| | 2351 | 0.6 | 18 |
| **25** F | 0443 | 0.8 | 24 |
| | 1201 | −0.3 | −9 |
| | 1921 | 0.8 | 24 |
| **26** Sa | 0054 | 0.4 | 12 |
| | 0608 | 0.6 | 18 |
| | 1238 | −0.1 | −3 |
| | 1936 | 0.7 | 21 |
| **27** Su | 0155 | 0.2 | 6 |
| | 0751 | 0.6 | 18 |
| | 1312 | 0.2 | 6 |
| | 1946 | 0.7 | 21 |
| **28** M | 0251 | 0.0 | 0 |
| | 0955 | 0.6 | 18 |
| | 1341 | 0.5 | 15 |
| | 1948 | 0.7 | 21 |
| **29** Tu ◑ | 0343 | −0.2 | −6 |
| | 1912 | 0.7 | 21 |
| **30** W | 0432 | −0.3 | −9 |
| | 1513 | 0.8 | 24 |
| **31** Th | 0520 | −0.5 | −15 |
| | 1536 | 0.9 | 27 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0607 | −0.5 | −15 |
| | 1605 | 1.0 | 30 |
| **2** Sa | 0653 | −0.6 | −18 |
| | 1632 | 1.0 | 30 |
| **3** Su | 0736 | −0.7 | −21 |
| | 1654 | 1.0 | 30 |
| **4** M | 0816 | −0.7 | −21 |
| | 1712 | 1.0 | 30 |
| | 2022 | 0.9 | 27 |
| | 2352 | 1.0 | 30 |
| **5** Tu | 0853 | −0.7 | −21 |
| | 1728 | 0.9 | 27 |
| | 2038 | 0.8 | 24 |
| **6** W ● | 0058 | 1.0 | 30 |
| | 0929 | −0.7 | −21 |
| | 1742 | 0.9 | 27 |
| | 2117 | 0.8 | 24 |
| **7** Th | 0201 | 1.0 | 30 |
| | 1004 | −0.6 | −18 |
| | 1756 | 0.9 | 27 |
| | 2203 | 0.6 | 18 |
| **8** F | 0310 | 0.9 | 27 |
| | 1040 | −0.4 | −12 |
| | 1808 | 0.8 | 24 |
| | 2252 | 0.4 | 12 |
| **9** Sa | 0428 | 0.8 | 24 |
| | 1117 | −0.2 | −6 |
| | 1817 | 0.8 | 24 |
| | 2343 | 0.2 | 6 |
| **10** Su | 0559 | 0.8 | 24 |
| | 1156 | 0.1 | 3 |
| | 1823 | 0.7 | 21 |
| **11** M | 0037 | 0.0 | 0 |
| | 0742 | 0.8 | 24 |
| | 1238 | 0.4 | 12 |
| | 1823 | 0.8 | 24 |
| **12** Tu | 0133 | −0.3 | −9 |
| | 0937 | 0.8 | 24 |
| | 1326 | 0.7 | 21 |
| | 1811 | 0.8 | 24 |
| **13** W ◐ | 0235 | −0.5 | −15 |
| | 1142 | 1.0 | 30 |
| | 1431 | 0.9 | 27 |
| | 1717 | 1.0 | 30 |
| **14** Th | 0343 | −0.6 | −18 |
| | 1342 | 1.1 | 34 |
| **15** F | 0454 | −0.7 | −21 |
| | 1451 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0604 | −0.8 | −24 |
| | 1537 | 1.2 | 37 |
| **17** Su | 0710 | −0.8 | −24 |
| | 1612 | 1.2 | 37 |
| | 2100 | 1.0 | 30 |
| | 2310 | 1.1 | 34 |
| **18** M | 0809 | −0.8 | −24 |
| | 1639 | 1.1 | 34 |
| | 2058 | 1.0 | 30 |
| **19** Tu | 0043 | 1.1 | 34 |
| | 0901 | −0.7 | −21 |
| | 1659 | 1.0 | 30 |
| | 2122 | 0.8 | 24 |
| **20** W ○ | 0158 | 1.1 | 34 |
| | 0947 | −0.5 | −15 |
| | 1715 | 0.9 | 27 |
| | 2157 | 0.7 | 21 |
| **21** Th | 0307 | 1.0 | 30 |
| | 1028 | −0.3 | −9 |
| | 1729 | 0.9 | 27 |
| | 2237 | 0.5 | 15 |
| **22** F | 0415 | 1.0 | 30 |
| | 1105 | −0.1 | −3 |
| | 1741 | 0.8 | 24 |
| | 2317 | 0.3 | 9 |
| **23** Sa | 0526 | 0.9 | 27 |
| | 1140 | 0.2 | 6 |
| | 1752 | 0.8 | 24 |
| | 2357 | 0.1 | 3 |
| **24** Su | 0641 | 0.9 | 27 |
| | 1212 | 0.4 | 12 |
| | 1758 | 0.8 | 24 |
| **25** M | 0038 | 0.0 | 0 |
| | 0803 | 0.9 | 27 |
| | 1244 | 0.6 | 18 |
| | 1755 | 0.8 | 24 |
| **26** Tu | 0121 | −0.1 | −3 |
| | 0937 | 0.9 | 27 |
| | 1313 | 0.8 | 24 |
| | 1716 | 0.9 | 27 |
| **27** W | 0209 | −0.2 | −6 |
| | 1526 | 1.0 | 30 |
| **28** Th ◑ | 0304 | −0.2 | −6 |
| | 1513 | 1.1 | 34 |
| **29** F | 0408 | −0.2 | −6 |
| | 1538 | 1.1 | 34 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0513 | −0.3 | −9 |
| | 1605 | 1.1 | 34 |
| **2** Su | 0614 | −0.3 | −9 |
| | 1614 | 1.1 | 34 |
| **3** M | 0706 | −0.3 | −9 |
| | 1611 | 1.1 | 34 |
| | 2056 | 1.0 | 30 |
| | 2236 | 1.1 | 34 |
| **4** Tu | 0750 | −0.3 | −9 |
| | 1613 | 1.1 | 34 |
| | 2004 | 1.0 | 30 |
| **5** W | 0024 | 1.1 | 34 |
| | 0831 | −0.3 | −9 |
| | 1618 | 1.0 | 30 |
| | 2029 | 0.9 | 27 |
| **6** Th | 0142 | 1.1 | 34 |
| | 0911 | −0.2 | −6 |
| | 1626 | 1.0 | 30 |
| | 2106 | 0.7 | 21 |
| **7** F ● | 0257 | 1.1 | 34 |
| | 0951 | 0.0 | 0 |
| | 1633 | 1.0 | 30 |
| | 2146 | 0.4 | 12 |
| **8** Sa | 0412 | 1.2 | 37 |
| | 1032 | 0.2 | 6 |
| | 1639 | 0.9 | 27 |
| | 2229 | 0.1 | 3 |
| **9** Su | 0528 | 1.2 | 37 |
| | 1117 | 0.5 | 15 |
| | 1644 | 1.0 | 30 |
| | 2315 | −0.1 | −3 |
| **10** M | 0649 | 1.3 | 40 |
| | 1204 | 0.8 | 24 |
| | 1644 | 1.0 | 30 |
| **11** Tu | 0005 | −0.3 | −9 |
| | 0815 | 1.3 | 40 |
| | 1257 | 1.0 | 30 |
| | 1634 | 1.1 | 34 |
| **12** W | 0100 | −0.4 | −12 |
| | 0950 | 1.4 | 43 |
| **13** Th | 0204 | −0.5 | −15 |
| | 1139 | 1.4 | 43 |
| **14** F ◐ | 0317 | −0.4 | −12 |
| | 1328 | 1.4 | 43 |
| **15** Sa | 0439 | −0.4 | −12 |
| | 1431 | 1.4 | 43 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0559 | −0.3 | −9 |
| | 1504 | 1.3 | 40 |
| **17** M | 0710 | −0.2 | −6 |
| | 1524 | 1.3 | 40 |
| | 2028 | 1.1 | 34 |
| **18** Tu | 0011 | 1.2 | 37 |
| | 0809 | −0.1 | −3 |
| | 1538 | 1.2 | 37 |
| | 2047 | 0.9 | 27 |
| **19** W | 0134 | 1.2 | 37 |
| | 0858 | 0.0 | 0 |
| | 1548 | 1.1 | 34 |
| | 2113 | 0.7 | 21 |
| **20** Th | 0246 | 1.2 | 37 |
| | 0942 | 0.2 | 6 |
| | 1557 | 1.1 | 34 |
| | 2141 | 0.5 | 15 |
| **21** F ○ | 0352 | 1.3 | 40 |
| | 1020 | 0.4 | 12 |
| | 1605 | 1.1 | 34 |
| | 2210 | 0.3 | 9 |
| **22** Sa | 0455 | 1.3 | 40 |
| | 1056 | 0.7 | 21 |
| | 1611 | 1.1 | 34 |
| | 2239 | 0.2 | 6 |
| **23** Su | 0555 | 1.3 | 40 |
| | 1132 | 0.8 | 24 |
| | 1614 | 1.1 | 34 |
| | 2309 | 0.1 | 3 |
| **24** M | 0654 | 1.3 | 40 |
| | 1207 | 1.0 | 30 |
| | 1609 | 1.1 | 34 |
| | 2342 | 0.0 | 0 |
| **25** Tu | 0755 | 1.3 | 40 |
| | 1244 | 1.1 | 34 |
| | 1542 | 1.2 | 37 |
| **26** W | 0020 | 0.0 | 0 |
| | 0902 | 1.3 | 40 |
| **27** Th | 0104 | 0.0 | 0 |
| | 1023 | 1.3 | 40 |
| **28** F | 0156 | 0.0 | 0 |
| | 1454 | 1.3 | 40 |
| **29** Sa ◑ | 0259 | 0.1 | 3 |
| | 1513 | 1.4 | 43 |
| **30** Su | 0410 | 0.1 | 3 |
| | 1454 | 1.4 | 43 |
| **31** M | 0519 | 0.1 | 3 |
| | 1440 | 1.3 | 40 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.
On days when the tide is diurnal, high water has an approximate stand of about 7 hours. Predictions are for beginning of stand.

# Galveston (Galveston Channel), Texas, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0621 | 0.1 | 3 | **16** W | 0109 | 1.3 | 40 |
| | 1440 | 1.3 | 40 | | 0803 | 0.5 | 15 |
| | 1959 | 1.1 | 34 | | 1414 | 1.3 | 40 |
| | 2329 | 1.2 | 37 | | 2028 | 0.7 | 21 |
| **2** W | 0715 | 0.2 | 6 | **17** Th | 0229 | 1.4 | 43 |
| | 1444 | 1.2 | 37 | | 0856 | 0.7 | 21 |
| | 1945 | 1.0 | 30 | | 1421 | 1.2 | 37 |
| | | | | | 2051 | 0.5 | 15 |
| **3** Th | 0108 | 1.3 | 40 | **18** F | 0335 | 1.5 | 46 |
| | 0805 | 0.3 | 9 | | 0944 | 0.9 | 27 |
| | 1449 | 1.2 | 37 | | 1427 | 1.2 | 37 |
| | 2009 | 0.7 | 21 | | 2114 | 0.3 | 9 |
| **4** F | 0229 | 1.4 | 43 | **19** Sa | 0432 | 1.5 | 46 |
| | 0855 | 0.5 | 15 | | 1029 | 1.1 | 34 |
| | 1454 | 1.2 | 37 | | 1429 | 1.3 | 40 |
| | 2042 | 0.4 | 12 | | 2137 | 0.1 | 3 |
| **5** Sa | 0341 | 1.5 | 46 | **20** Su | 0522 | 1.6 | 49 |
| | 0945 | 0.7 | 21 | | 1112 | 1.2 | 37 |
| | 1458 | 1.2 | 37 | | 1428 | 1.3 | 40 |
| ● | 2121 | 0.1 | 3 | ○ | 2202 | 0.0 | 0 |
| **6** Su | 0451 | 1.6 | 49 | **21** M | 0607 | 1.6 | 49 |
| | 1038 | 1.0 | 30 | | 1155 | 1.2 | 37 |
| | 1502 | 1.2 | 37 | | 1418 | 1.3 | 40 |
| | 2204 | −0.2 | −6 | | 2231 | 0.0 | 0 |
| **7** M | 0559 | 1.7 | 52 | **22** Tu | 0652 | 1.6 | 49 |
| | 1134 | 1.2 | 37 | | 2303 | 0.0 | 0 |
| | 1504 | 1.3 | 40 | | | | |
| | 2250 | −0.3 | −9 | | | | |
| **8** Tu | 0709 | 1.8 | 55 | **23** W | 0739 | 1.6 | 49 |
| | 1234 | 1.3 | 40 | | 2339 | 0.0 | 0 |
| | 1459 | 1.4 | 43 | | | | |
| | 2341 | −0.4 | −12 | | | | |
| **9** W | 0823 | 1.8 | 55 | **24** Th | 0833 | 1.6 | 49 |
| **10** Th | 0039 | −0.4 | −12 | **25** F | 0021 | 0.0 | 0 |
| | 0946 | 1.7 | 52 | | 0940 | 1.5 | 46 |
| **11** F | 0144 | −0.3 | −9 | **26** Sa | 0109 | 0.1 | 3 |
| | 1118 | 1.7 | 52 | | 1101 | 1.5 | 46 |
| **12** Sa | 0300 | −0.1 | −3 | **27** Su | 0203 | 0.2 | 6 |
| | 1240 | 1.6 | 49 | | 1209 | 1.5 | 46 |
| ◐ | | | | | | | |
| **13** Su | 0425 | 0.0 | 0 | **28** M | 0303 | 0.3 | 9 |
| | 1326 | 1.5 | 46 | | 1238 | 1.5 | 46 |
| | | | | ◑ | | | |
| **14** M | 0550 | 0.2 | 6 | **29** Tu | 0410 | 0.4 | 12 |
| | 1350 | 1.4 | 43 | | 1251 | 1.4 | 43 |
| | 1946 | 1.1 | 34 | | | | |
| | 2329 | 1.2 | 37 | | | | |
| **15** Tu | 0702 | 0.3 | 9 | **30** W | 0521 | 0.5 | 15 |
| | 1404 | 1.3 | 40 | | 1258 | 1.3 | 40 |
| | 2004 | 0.9 | 27 | | 1901 | 0.9 | 27 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Th | 0022 | 1.2 | 37 | **16** F | 0321 | 1.4 | 43 |
| | 0632 | 0.7 | 21 | | 0909 | 1.1 | 34 |
| | 1303 | 1.3 | 40 | | 1244 | 1.2 | 37 |
| | 1911 | 0.6 | 18 | | 2020 | 0.1 | 3 |
| **2** F | 0153 | 1.4 | 43 | **17** Sa | 0416 | 1.6 | 49 |
| | 0742 | 0.9 | 27 | | 1016 | 1.2 | 37 |
| | 1307 | 1.3 | 40 | | 1240 | 1.3 | 40 |
| | 1939 | 0.3 | 9 | | 2042 | −0.1 | −3 |
| **3** Sa | 0306 | 1.6 | 49 | **18** Su | 0458 | 1.6 | 49 |
| | 0851 | 1.1 | 34 | | 2106 | −0.2 | −6 |
| | 1309 | 1.3 | 40 | | | | |
| | 2016 | 0.0 | 0 | | | | |
| **4** Su | 0411 | 1.8 | 55 | **19** M | 0534 | 1.7 | 52 |
| | 0958 | 1.3 | 40 | | 2133 | −0.2 | −6 |
| | 1311 | 1.4 | 43 | ○ | | | |
| | 2057 | −0.3 | −9 | | | | |
| **5** M | 0512 | 1.9 | 58 | **20** Tu | 0608 | 1.7 | 52 |
| | 1104 | 1.4 | 43 | | 2203 | −0.2 | −6 |
| | 1313 | 1.5 | 46 | | | | |
| ● | 2143 | −0.5 | −15 | | | | |
| **6** Tu | 0612 | 2.0 | 61 | **21** W | 0644 | 1.6 | 49 |
| | 2233 | −0.6 | −18 | | 2236 | −0.2 | −6 |
| **7** W | 0714 | 2.0 | 61 | **22** Th | 0726 | 1.6 | 49 |
| | 2327 | −0.5 | −15 | | 2313 | −0.2 | −6 |
| **8** Th | 0821 | 1.9 | 58 | **23** F | 0815 | 1.5 | 46 |
| | | | | | 2352 | −0.1 | −3 |
| **9** F | 0025 | −0.4 | −12 | **24** Sa | 0909 | 1.5 | 46 |
| | 0932 | 1.8 | 55 | | | | |
| **10** Sa | 0129 | −0.2 | −6 | **25** Su | 0033 | 0.0 | 0 |
| | 1040 | 1.6 | 49 | | 0959 | 1.5 | 46 |
| **11** Su | 0241 | 0.0 | 0 | **26** M | 0117 | 0.1 | 3 |
| | 1131 | 1.5 | 46 | | 1034 | 1.4 | 43 |
| ◐ | | | | | | | |
| **12** M | 0401 | 0.3 | 9 | **27** Tu | 0205 | 0.3 | 9 |
| | 1202 | 1.4 | 43 | | 1055 | 1.3 | 40 |
| | 1845 | 1.0 | 30 | ◑ | | | |
| | 2222 | 1.1 | 34 | | | | |
| **13** Tu | 0526 | 0.5 | 15 | **28** W | 0302 | 0.5 | 15 |
| | 1221 | 1.3 | 40 | | 1106 | 1.3 | 40 |
| | 1907 | 0.8 | 24 | | 1803 | 0.8 | 24 |
| | | | | | 2318 | 1.0 | 30 |
| **14** W | 0031 | 1.2 | 37 | **29** Th | 0415 | 0.7 | 21 |
| | 0647 | 0.7 | 21 | | 1111 | 1.2 | 37 |
| | 1233 | 1.3 | 40 | | 1805 | 0.4 | 12 |
| | 1932 | 0.5 | 15 | | | | |
| **15** Th | 0209 | 1.3 | 40 | **30** F | 0111 | 1.2 | 37 |
| | 0801 | 0.9 | 27 | | 0551 | 1.0 | 30 |
| | 1241 | 1.2 | 37 | | 1111 | 1.2 | 37 |
| | 1957 | 0.3 | 9 | | 1833 | 0.1 | 3 |
| | | | | **31** Sa | 0230 | 1.4 | 43 |
| | | | | | 0740 | 1.2 | 37 |
| | | | | | 1107 | 1.3 | 40 |
| | | | | | 1910 | −0.3 | −9 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Su | 0332 | 1.7 | 52 | **16** M | 0507 | 1.5 | 46 |
| | 1953 | −0.6 | −18 | | 2040 | −0.4 | −12 |
| **2** M | 0428 | 1.8 | 55 | **17** Tu | 0535 | 1.5 | 46 |
| | 2040 | −0.7 | −21 | | 2111 | −0.4 | −12 |
| **3** Tu | 0522 | 1.9 | 58 | **18** W | 0604 | 1.5 | 46 |
| | 2130 | −0.8 | −24 | | 2144 | −0.4 | −12 |
| ● | | | | ○ | | | |
| **4** W | 0616 | 1.9 | 58 | **19** Th | 0637 | 1.4 | 43 |
| | 2223 | −0.8 | −24 | | 2218 | −0.4 | −12 |
| **5** Th | 0712 | 1.8 | 55 | **20** F | 0713 | 1.4 | 43 |
| | 2318 | −0.7 | −21 | | 2253 | −0.3 | −9 |
| **6** F | 0808 | 1.7 | 52 | **21** Sa | 0750 | 1.4 | 43 |
| | | | | | 2327 | −0.3 | −9 |
| **7** Sa | 0014 | −0.5 | −15 | **22** Su | 0823 | 1.3 | 40 |
| | 0900 | 1.5 | 46 | | | | |
| **8** Su | 0112 | −0.2 | −6 | **23** M | 0002 | −0.1 | −3 |
| | 0942 | 1.4 | 43 | | 0848 | 1.3 | 40 |
| **9** M | 0213 | 0.1 | 3 | **24** Tu | 0039 | 0.1 | 3 |
| | 1012 | 1.3 | 40 | | 0906 | 1.2 | 37 |
| | 1713 | 0.8 | 24 | | | | |
| | 2045 | 0.9 | 27 | | | | |
| **10** Tu | 0321 | 0.4 | 12 | **25** W | 0119 | 0.3 | 9 |
| | 1034 | 1.2 | 37 | | 0916 | 1.2 | 37 |
| | 1748 | 0.5 | 15 | | 1616 | 0.6 | 18 |
| ◐ | 2321 | 0.9 | 27 | | 2152 | 0.8 | 24 |
| **11** W | 0449 | 0.7 | 21 | **26** Th | 0206 | 0.6 | 18 |
| | 1048 | 1.2 | 37 | | 0918 | 1.1 | 34 |
| | 1820 | 0.3 | 9 | | 1640 | 0.2 | 6 |
| | | | | ◑ | | | |
| **12** Th | 0135 | 1.1 | 34 | **27** F | 0018 | 1.0 | 30 |
| | 0638 | 1.0 | 30 | | 0315 | 0.9 | 27 |
| | 1056 | 1.1 | 34 | | 0911 | 1.1 | 34 |
| | 1850 | 0.0 | 0 | | 1717 | −0.1 | −3 |
| **13** F | 0304 | 1.3 | 40 | **28** Sa | 0154 | 1.2 | 37 |
| | 0825 | 1.0 | 30 | | 0529 | 1.1 | 34 |
| | 1053 | 1.1 | 34 | | 0842 | 1.2 | 37 |
| | 1918 | −0.1 | −3 | | 1800 | −0.4 | −12 |
| **14** Sa | 0359 | 1.4 | 43 | **29** Su | 0257 | 1.5 | 46 |
| | 1944 | −0.3 | −9 | | 1848 | −0.7 | −21 |
| **15** Su | 0437 | 1.5 | 46 | **30** M | 0349 | 1.6 | 49 |
| | 2012 | −0.4 | −12 | | 1939 | −0.8 | −24 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.
On days when the tide is diurnal, high water has an approximate stand of about 7 hours. Predictions are for beginning of stand.

# Galveston (Galveston Channel), Texas, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0438 | 1.7 | 52 |
| | 2031 | −0.9 | −27 |
| **2** W ● | 0526 | 1.7 | 52 |
| | 2125 | −0.9 | −27 |
| **3** Th | 0612 | 1.6 | 49 |
| | 1033 | 1.4 | 43 |
| | 1312 | 1.5 | 46 |
| | 2218 | −0.8 | −24 |
| **4** F | 0655 | 1.5 | 46 |
| | 1110 | 1.3 | 40 |
| | 1426 | 1.4 | 43 |
| | 2310 | −0.6 | −18 |
| **5** Sa | 0733 | 1.4 | 43 |
| | 1212 | 1.1 | 34 |
| | 1542 | 1.2 | 37 |
| **6** Su | 0000 | −0.4 | −12 |
| | 0803 | 1.3 | 40 |
| | 1333 | 1.0 | 30 |
| | 1715 | 1.1 | 34 |
| **7** M | 0048 | 0.0 | 0 |
| | 0828 | 1.2 | 37 |
| | 1451 | 0.7 | 21 |
| | 1913 | 0.9 | 27 |
| **8** Tu | 0136 | 0.3 | 9 |
| | 0847 | 1.1 | 34 |
| | 1552 | 0.4 | 12 |
| | 2133 | 0.8 | 24 |
| **9** W ◐ | 0228 | 0.6 | 18 |
| | 0901 | 1.1 | 34 |
| | 1641 | 0.2 | 6 |
| **10** Th | 0017 | 1.0 | 30 |
| | 0407 | 0.9 | 27 |
| | 0906 | 1.1 | 34 |
| | 1722 | 0.0 | 0 |
| **11** F | 0238 | 1.2 | 37 |
| | 1759 | −0.2 | −6 |
| **12** Sa | 0332 | 1.3 | 40 |
| | 1835 | −0.3 | −9 |
| **13** Su | 0409 | 1.4 | 43 |
| | 1910 | −0.4 | −12 |
| **14** M | 0441 | 1.4 | 43 |
| | 1946 | −0.4 | −12 |
| **15** Tu | 0508 | 1.4 | 43 |
| | 2021 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0531 | 1.4 | 43 |
| | 2056 | −0.5 | −15 |
| **17** Th | 0553 | 1.3 | 40 |
| | 0951 | 1.2 | 37 |
| | 1138 | 1.3 | 40 |
| | 2129 | −0.4 | −12 |
| **18** F ○ | 0615 | 1.3 | 40 |
| | 0953 | 1.2 | 37 |
| | 1243 | 1.3 | 40 |
| | 2201 | −0.4 | −12 |
| **19** Sa | 0637 | 1.3 | 40 |
| | 1033 | 1.1 | 34 |
| | 1333 | 1.2 | 37 |
| | 2233 | −0.3 | −9 |
| **20** Su | 0657 | 1.3 | 40 |
| | 1125 | 1.0 | 30 |
| | 1431 | 1.1 | 34 |
| | 2305 | −0.1 | −3 |
| **21** M | 0713 | 1.2 | 37 |
| | 1220 | 0.9 | 27 |
| | 1558 | 1.0 | 30 |
| | 2338 | 0.1 | 3 |
| **22** Tu | 0726 | 1.2 | 37 |
| | 1312 | 0.7 | 21 |
| | 1805 | 0.9 | 27 |
| **23** W | 0012 | 0.3 | 9 |
| | 0732 | 1.1 | 34 |
| | 1401 | 0.4 | 12 |
| | 2028 | 0.8 | 24 |
| **24** Th | 0048 | 0.6 | 18 |
| | 0730 | 1.1 | 34 |
| | 1451 | 0.2 | 6 |
| | 2251 | 1.0 | 30 |
| **25** F ◑ | 0129 | 0.9 | 27 |
| | 0716 | 1.2 | 37 |
| | 1543 | −0.1 | −3 |
| **26** Sa | 0635 | 1.3 | 40 |
| | 1639 | −0.4 | −12 |
| **27** Su | 0231 | 1.4 | 43 |
| | 1736 | −0.5 | −15 |
| **28** M | 0318 | 1.6 | 49 |
| | 1835 | −0.7 | −21 |
| **29** Tu | 0401 | 1.6 | 49 |
| | 1933 | −0.7 | −21 |
| **30** W | 0440 | 1.6 | 49 |
| | 2029 | −0.7 | −21 |
| **31** Th | 0515 | 1.5 | 46 |
| | 0916 | 1.4 | 43 |
| | 1238 | 1.5 | 46 |
| | 2122 | −0.6 | −18 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0544 | 1.4 | 43 |
| | 0951 | 1.3 | 40 |
| | 1359 | 1.4 | 43 |
| | 2211 | −0.5 | −15 |
| **2** Sa | 0609 | 1.4 | 43 |
| | 1041 | 1.1 | 34 |
| | 1516 | 1.3 | 40 |
| | 2257 | −0.2 | −6 |
| **3** Su | 0630 | 1.3 | 40 |
| | 1138 | 0.9 | 27 |
| | 1637 | 1.2 | 37 |
| | 2340 | 0.1 | 3 |
| **4** M | 0648 | 1.2 | 37 |
| | 1236 | 0.7 | 21 |
| | 1808 | 1.1 | 34 |
| **5** Tu | 0021 | 0.4 | 12 |
| | 0703 | 1.2 | 37 |
| | 1333 | 0.5 | 15 |
| | 1952 | 1.0 | 30 |
| **6** W | 0059 | 0.7 | 21 |
| | 0713 | 1.1 | 34 |
| | 1427 | 0.3 | 9 |
| | 2155 | 1.1 | 34 |
| **7** Th | 0137 | 1.0 | 30 |
| | 0713 | 1.2 | 37 |
| | 1519 | 0.1 | 3 |
| **8** F ◐ | 0226 | 1.2 | 37 |
| | 1610 | 0.0 | 0 |
| **9** Sa | 0252 | 1.4 | 43 |
| | 1701 | −0.1 | −3 |
| **10** Su | 0329 | 1.5 | 46 |
| | 1751 | −0.1 | −3 |
| **11** M | 0405 | 1.5 | 46 |
| | 1838 | −0.2 | −6 |
| **12** Tu | 0436 | 1.5 | 46 |
| | 1922 | −0.2 | −6 |
| **13** W | 0454 | 1.5 | 46 |
| | 2002 | −0.2 | −6 |
| **14** Th | 0502 | 1.4 | 43 |
| | 0921 | 1.3 | 40 |
| | 1121 | 1.4 | 43 |
| | 2037 | −0.2 | −6 |
| **15** F | 0509 | 1.4 | 43 |
| | 0900 | 1.3 | 40 |
| | 1241 | 1.4 | 43 |
| | 2110 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0519 | 1.4 | 43 |
| | 0929 | 1.2 | 37 |
| | 1349 | 1.3 | 40 |
| | 2142 | 0.0 | 0 |
| **17** Su | 0530 | 1.4 | 43 |
| | 1008 | 1.1 | 34 |
| | 1459 | 1.3 | 40 |
| | 2214 | 0.1 | 3 |
| **18** M | 0540 | 1.3 | 40 |
| | 1049 | 0.9 | 27 |
| | 1618 | 1.2 | 37 |
| | 2248 | 0.4 | 12 |
| **19** Tu | 0548 | 1.3 | 40 |
| | 1132 | 0.7 | 21 |
| | 1746 | 1.2 | 37 |
| | 2323 | 0.6 | 18 |
| **20** W | 0551 | 1.3 | 40 |
| | 1217 | 0.4 | 12 |
| | 1923 | 1.2 | 37 |
| **21** Th | 0001 | 0.9 | 27 |
| | 0548 | 1.3 | 40 |
| | 1306 | 0.2 | 6 |
| | 2112 | 1.3 | 40 |
| **22** F | 0040 | 1.2 | 37 |
| | 0534 | 1.4 | 43 |
| | 1402 | 0.0 | 0 |
| | 2316 | 1.5 | 46 |
| **23** Sa ◑ | 0119 | 1.4 | 43 |
| | 0503 | 1.5 | 46 |
| | 1504 | −0.1 | −3 |
| **24** Su | 0413 | 1.6 | 49 |
| | 1613 | −0.2 | −6 |
| **25** M | 0254 | 1.7 | 52 |
| | 1723 | −0.3 | −9 |
| **26** Tu | 0324 | 1.7 | 52 |
| | 1831 | −0.3 | −9 |
| **27** W | 0350 | 1.7 | 52 |
| | 1933 | −0.3 | −9 |
| **28** Th | 0411 | 1.6 | 49 |
| | 0834 | 1.5 | 46 |
| | 1204 | 1.6 | 49 |
| | 2028 | −0.2 | −6 |
| **29** F | 0428 | 1.6 | 49 |
| | 0900 | 1.3 | 40 |
| | 1331 | 1.6 | 49 |
| | 2117 | 0.0 | 0 |
| **30** Sa ● | 0443 | 1.5 | 46 |
| | 0939 | 1.1 | 34 |
| | 1449 | 1.5 | 46 |
| | 2202 | 0.2 | 6 |
| **31** Su | 0458 | 1.4 | 43 |
| | 1021 | 0.9 | 27 |
| | 1604 | 1.5 | 46 |
| | 2243 | 0.5 | 15 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0510 | 1.4 | 43 |
| | 1103 | 0.7 | 21 |
| | 1720 | 1.4 | 43 |
| | 2322 | 0.8 | 24 |
| **2** Tu | 0521 | 1.4 | 43 |
| | 1145 | 0.5 | 15 |
| | 1840 | 1.4 | 43 |
| | 2359 | 1.0 | 30 |
| **3** W | 0527 | 1.4 | 43 |
| | 1226 | 0.4 | 12 |
| | 2005 | 1.4 | 43 |
| **4** Th | 0037 | 1.3 | 40 |
| | 0522 | 1.4 | 43 |
| | 1309 | 0.3 | 9 |
| | 2143 | 1.5 | 46 |
| **5** F | 0113 | 1.3 | 40 |
| | 0416 | 1.4 | 43 |
| | 1357 | 0.2 | 6 |
| **6** Sa | 0210 | 1.6 | 49 |
| | 1453 | 0.2 | 6 |
| **7** Su ◐ | 0241 | 1.6 | 49 |
| | 1556 | 0.2 | 6 |
| **8** M | 0318 | 1.7 | 52 |
| | 1701 | 0.2 | 6 |
| **9** Tu | 0348 | 1.7 | 52 |
| | 1801 | 0.2 | 6 |
| **10** W | 0356 | 1.7 | 52 |
| | 1851 | 0.2 | 6 |
| **11** Th | 0350 | 1.6 | 49 |
| | 1933 | 0.2 | 6 |
| **12** F | 0349 | 1.6 | 49 |
| | 0837 | 1.4 | 43 |
| | 1214 | 1.5 | 46 |
| | 2011 | 0.3 | 9 |
| **13** Sa | 0353 | 1.6 | 49 |
| | 0841 | 1.3 | 40 |
| | 1333 | 1.5 | 46 |
| | 2047 | 0.4 | 12 |
| **14** Su | 0359 | 1.5 | 46 |
| | 0905 | 1.1 | 34 |
| | 1447 | 1.6 | 49 |
| | 2123 | 0.6 | 18 |
| **15** M ○ | 0405 | 1.5 | 46 |
| | 0937 | 0.9 | 27 |
| | 1559 | 1.6 | 49 |
| | 2201 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0409 | 1.5 | 46 |
| | 1014 | 0.6 | 18 |
| | 1713 | 1.6 | 49 |
| | 2242 | 1.1 | 34 |
| **17** W | 0412 | 1.5 | 46 |
| | 1054 | 0.4 | 12 |
| | 1830 | 1.7 | 52 |
| | 2324 | 1.3 | 40 |
| **18** Th | 0409 | 1.6 | 49 |
| | 1140 | 0.2 | 6 |
| | 1952 | 1.8 | 55 |
| **19** F | 0008 | 1.5 | 46 |
| | 0359 | 1.7 | 52 |
| | 1231 | 0.0 | 0 |
| | 2125 | 1.8 | 55 |
| **20** Sa | 0053 | 1.7 | 52 |
| | 0342 | 1.8 | 55 |
| | 1330 | 0.0 | 0 |
| | 2318 | 1.9 | 58 |
| **21** Su ◑ | 0138 | 1.8 | 55 |
| | 0312 | 1.9 | 58 |
| | 1439 | 0.0 | 0 |
| **22** M | 0140 | 1.9 | 58 |
| | 1557 | 0.0 | 0 |
| **23** Tu | 0219 | 1.9 | 58 |
| | 1717 | 0.1 | 3 |
| **24** W | 0239 | 1.8 | 55 |
| | 1829 | 0.2 | 6 |
| **25** Th | 0253 | 1.8 | 55 |
| | 0809 | 1.5 | 46 |
| | 1130 | 1.6 | 49 |
| | 1931 | 0.3 | 9 |
| **26** F | 0305 | 1.7 | 52 |
| | 0825 | 1.3 | 40 |
| | 1306 | 1.7 | 52 |
| | 2025 | 0.5 | 15 |
| **27** Sa | 0316 | 1.6 | 49 |
| | 0853 | 1.1 | 34 |
| | 1426 | 1.7 | 52 |
| | 2112 | 0.7 | 21 |
| **28** Su | 0326 | 1.6 | 49 |
| | 0924 | 0.9 | 27 |
| | 1539 | 1.7 | 52 |
| | 2154 | 0.9 | 27 |
| **29** M ● | 0335 | 1.6 | 49 |
| | 0955 | 0.7 | 21 |
| | 1646 | 1.7 | 52 |
| | 2235 | 1.2 | 37 |
| **30** Tu | 0342 | 1.6 | 49 |
| | 1027 | 0.5 | 15 |
| | 1749 | 1.8 | 55 |
| | 2314 | 1.4 | 43 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.
On days when the tide is diurnal, high water has an approximate stand of about 7 hours. Predictions are for beginning of stand.

# Galveston (Galveston Channel), Texas, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0345 | 1.6 | 49 |
| | 1059 | 0.4 | 12 |
| | 1852 | 1.8 | 55 |
| | 2353 | 1.5 | 46 |
| **2** Th | 0337 | 1.6 | 49 |
| | 1133 | 0.3 | 9 |
| | 1956 | 1.8 | 55 |
| **3** F | 0030 | 1.6 | 49 |
| | 0258 | 1.7 | 52 |
| | 1211 | 0.3 | 9 |
| | 2109 | 1.8 | 55 |
| **4** Sa | 1255 | 0.3 | 9 |
| **5** Su | 0208 | 1.8 | 55 |
| | 1348 | 0.4 | 12 |
| **6** M | 0235 | 1.8 | 55 |
| | 1450 | 0.4 | 12 |
| **7** Tu ◐ | 0251 | 1.8 | 55 |
| | 1559 | 0.5 | 15 |
| **8** W | 0236 | 1.8 | 55 |
| | 1706 | 0.5 | 15 |
| **9** Th | 0220 | 1.7 | 52 |
| | 1803 | 0.5 | 15 |
| **10** F | 0218 | 1.7 | 52 |
| | 0831 | 1.4 | 43 |
| | 1121 | 1.5 | 46 |
| | 1853 | 0.6 | 18 |
| **11** Sa | 0220 | 1.6 | 49 |
| | 0800 | 1.3 | 40 |
| | 1300 | 1.5 | 46 |
| | 1940 | 0.8 | 24 |
| **12** Su | 0224 | 1.6 | 49 |
| | 0809 | 1.0 | 30 |
| | 1418 | 1.6 | 49 |
| | 2025 | 0.9 | 27 |
| **13** M | 0228 | 1.6 | 49 |
| | 0833 | 0.7 | 21 |
| | 1528 | 1.8 | 55 |
| | 2112 | 1.1 | 34 |
| **14** Tu ○ | 0230 | 1.6 | 49 |
| | 0906 | 0.4 | 12 |
| | 1634 | 1.9 | 58 |
| | 2200 | 1.4 | 43 |
| **15** W | 0232 | 1.6 | 49 |
| | 0944 | 0.2 | 6 |
| | 1740 | 2.0 | 61 |
| | 2248 | 1.6 | 49 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0232 | 1.7 | 52 |
| | 1027 | 0.0 | 0 |
| | 1847 | 2.1 | 64 |
| | 2335 | 1.7 | 52 |
| **17** F | 0232 | 1.8 | 55 |
| | 1115 | −0.1 | −3 |
| | 2000 | 2.1 | 64 |
| **18** Sa | 0019 | 1.8 | 55 |
| | 0233 | 1.9 | 58 |
| | 1210 | −0.1 | −3 |
| | 2124 | 2.0 | 61 |
| **19** Su | 1312 | −0.1 | −3 |
| | 2304 | 2.0 | 61 |
| **20** M | 1424 | 0.1 | 3 |
| **21** Tu ◑ | 0030 | 1.9 | 58 |
| | 1544 | 0.2 | 6 |
| **22** W | 0104 | 1.8 | 55 |
| | 1707 | 0.4 | 12 |
| **23** Th | 0121 | 1.7 | 52 |
| | 0729 | 1.4 | 43 |
| | 1043 | 1.5 | 46 |
| | 1822 | 0.6 | 18 |
| **24** F | 0134 | 1.6 | 49 |
| | 0743 | 1.2 | 37 |
| | 1238 | 1.5 | 46 |
| | 1927 | 0.8 | 24 |
| **25** Sa | 0145 | 1.6 | 49 |
| | 0808 | 0.9 | 27 |
| | 1407 | 1.6 | 49 |
| | 2023 | 1.0 | 30 |
| **26** Su | 0154 | 1.5 | 46 |
| | 0834 | 0.6 | 18 |
| | 1520 | 1.7 | 52 |
| | 2115 | 1.2 | 37 |
| **27** M | 0201 | 1.5 | 46 |
| | 0900 | 0.4 | 12 |
| | 1621 | 1.8 | 55 |
| | 2203 | 1.3 | 40 |
| **28** Tu ● | 0206 | 1.5 | 46 |
| | 0926 | 0.3 | 9 |
| | 1714 | 1.8 | 55 |
| | 2249 | 1.5 | 46 |
| **29** W | 0206 | 1.6 | 49 |
| | 0953 | 0.2 | 6 |
| | 1802 | 1.8 | 55 |
| | 2329 | 1.5 | 46 |
| **30** Th | 0157 | 1.6 | 49 |
| | 1022 | 0.1 | 3 |
| | 1848 | 1.8 | 55 |
| **31** F | 1055 | 0.1 | 3 |
| | 1938 | 1.8 | 55 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 1132 | 0.1 | 3 |
| | 2037 | 1.7 | 52 |
| | 2351 | 1.6 | 49 |
| **2** Su | 0147 | 1.7 | 52 |
| | 1213 | 0.2 | 6 |
| **3** M | 0207 | 1.7 | 52 |
| | 1300 | 0.2 | 6 |
| **4** Tu | 0212 | 1.7 | 52 |
| | 1352 | 0.3 | 9 |
| **5** W ◐ | 0028 | 1.6 | 49 |
| | 1449 | 0.4 | 12 |
| **6** Th | 0030 | 1.6 | 49 |
| | 1551 | 0.5 | 15 |
| **7** F | 0036 | 1.6 | 49 |
| | 1657 | 0.7 | 21 |
| **8** Sa | 0041 | 1.5 | 46 |
| | 0718 | 1.0 | 30 |
| | 1211 | 1.3 | 40 |
| | 1804 | 0.8 | 24 |
| **9** Su | 0045 | 1.4 | 43 |
| | 0711 | 0.7 | 21 |
| | 1341 | 1.4 | 43 |
| | 1911 | 1.0 | 30 |
| **10** M | 0047 | 1.4 | 43 |
| | 0730 | 0.4 | 12 |
| | 1452 | 1.6 | 49 |
| | 2015 | 1.2 | 37 |
| **11** Tu | 0047 | 1.4 | 43 |
| | 0801 | 0.1 | 3 |
| | 1554 | 1.8 | 55 |
| | 2115 | 1.4 | 43 |
| **12** W | 0049 | 1.5 | 46 |
| | 0839 | −0.2 | −6 |
| | 1652 | 1.9 | 58 |
| | 2209 | 1.5 | 46 |
| **13** Th ○ | 0054 | 1.6 | 49 |
| | 0922 | −0.4 | −12 |
| | 1750 | 2.0 | 61 |
| | 2251 | 1.6 | 49 |
| **14** F | 0110 | 1.7 | 52 |
| | 1010 | −0.5 | −15 |
| | 1852 | 2.0 | 61 |
| | 2323 | 1.6 | 49 |
| **15** Sa | 0139 | 1.7 | 52 |
| | 1102 | −0.5 | −15 |
| | 1959 | 1.9 | 58 |
| | 2352 | 1.7 | 52 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0214 | 1.8 | 55 |
| | 1159 | −0.4 | −12 |
| | 2112 | 1.8 | 55 |
| **17** M | 0037 | 1.6 | 49 |
| | 0241 | 1.7 | 52 |
| | 1301 | −0.3 | −9 |
| | 2222 | 1.7 | 52 |
| **18** Tu | 1408 | 0.0 | 0 |
| | 2309 | 1.6 | 49 |
| **19** W ◑ | 1524 | 0.2 | 6 |
| | 2337 | 1.4 | 43 |
| **20** Th | 0620 | 1.1 | 34 |
| | 0929 | 1.2 | 37 |
| | 1646 | 0.5 | 15 |
| | 2355 | 1.4 | 43 |
| **21** F | 0642 | 0.8 | 24 |
| | 1154 | 1.2 | 37 |
| | 1810 | 0.7 | 21 |
| **22** Sa | 0009 | 1.3 | 40 |
| | 0711 | 0.5 | 15 |
| | 1343 | 1.3 | 40 |
| | 1928 | 0.9 | 27 |
| **23** Su | 0020 | 1.3 | 40 |
| | 0740 | 0.2 | 6 |
| | 1503 | 1.4 | 43 |
| | 2039 | 1.1 | 34 |
| **24** M | 0027 | 1.3 | 40 |
| | 0807 | 0.0 | 0 |
| | 1602 | 1.5 | 46 |
| | 2146 | 1.2 | 37 |
| **25** Tu | 0029 | 1.3 | 40 |
| | 0833 | −0.1 | −3 |
| | 1649 | 1.6 | 49 |
| **26** W | 0859 | −0.2 | −6 |
| | 1727 | 1.6 | 49 |
| **27** Th ● | 0927 | −0.3 | −9 |
| | 1803 | 1.6 | 49 |
| **28** F | 0957 | −0.3 | −9 |
| | 1840 | 1.5 | 46 |
| **29** Sa | 1031 | −0.3 | −9 |
| | 1922 | 1.5 | 46 |
| | 2247 | 1.3 | 40 |
| **30** Su | 0122 | 1.4 | 43 |
| | 1107 | −0.2 | −6 |
| | 2012 | 1.4 | 43 |
| | 2301 | 1.3 | 40 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0146 | 1.4 | 43 |
| | 1144 | −0.2 | −6 |
| | 2106 | 1.4 | 43 |
| | 2339 | 1.2 | 37 |
| **2** Tu | 0156 | 1.3 | 40 |
| | 1223 | −0.1 | −3 |
| | 2152 | 1.3 | 40 |
| **3** W | 1303 | 0.0 | 0 |
| | 2223 | 1.3 | 40 |
| **4** Th | 1346 | 0.2 | 6 |
| | 2241 | 1.2 | 37 |
| **5** F ◐ | 1436 | 0.4 | 12 |
| | 2251 | 1.1 | 34 |
| **6** Sa | 0615 | 0.6 | 18 |
| | 1055 | 0.8 | 24 |
| | 1542 | 0.6 | 18 |
| | 2255 | 1.1 | 34 |
| **7** Su | 0559 | 0.3 | 9 |
| | 1254 | 1.0 | 30 |
| | 1712 | 0.8 | 24 |
| | 2254 | 1.1 | 34 |
| **8** M | 0620 | 0.0 | 0 |
| | 1413 | 1.2 | 37 |
| | 1859 | 1.0 | 30 |
| | 2249 | 1.1 | 34 |
| **9** Tu | 0653 | −0.3 | −9 |
| | 1514 | 1.4 | 43 |
| | 2034 | 1.1 | 34 |
| | 2244 | 1.2 | 37 |
| **10** W | 0734 | −0.6 | −18 |
| | 1608 | 1.6 | 49 |
| **11** Th | 0820 | −0.8 | −24 |
| | 1700 | 1.6 | 49 |
| **12** F ○ | 0909 | −1.0 | −30 |
| | 1754 | 1.6 | 49 |
| | 2213 | 1.3 | 40 |
| **13** Sa | 0049 | 1.4 | 43 |
| | 1002 | −1.0 | −30 |
| | 1849 | 1.5 | 46 |
| | 2235 | 1.4 | 43 |
| **14** Su | 0150 | 1.5 | 46 |
| | 1056 | −0.9 | −27 |
| | 1945 | 1.4 | 43 |
| | 2312 | 1.3 | 40 |
| **15** M | 0249 | 1.4 | 43 |
| | 1152 | −0.7 | −21 |
| | 2035 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0020 | 1.1 | 34 |
| | 0354 | 1.2 | 37 |
| | 1249 | −0.5 | −15 |
| | 2114 | 1.2 | 37 |
| **17** W | 0225 | 0.9 | 27 |
| | 0529 | 1.0 | 30 |
| | 1348 | −0.2 | −6 |
| | 2144 | 1.1 | 34 |
| **18** Th | 0410 | 0.7 | 21 |
| | 0758 | 0.8 | 24 |
| | 1453 | 0.2 | 6 |
| | 2207 | 1.0 | 30 |
| **19** F ◑ | 0507 | 0.4 | 12 |
| | 1034 | 0.8 | 24 |
| | 1619 | 0.5 | 15 |
| | 2224 | 0.9 | 27 |
| **20** Sa | 0551 | 0.1 | 3 |
| | 1257 | 0.9 | 27 |
| | 1811 | 0.7 | 21 |
| | 2237 | 0.9 | 27 |
| **21** Su | 0629 | −0.2 | −6 |
| | 1437 | 1.1 | 34 |
| | 1959 | 0.8 | 24 |
| | 2242 | 0.9 | 27 |
| **22** M | 0703 | −0.4 | −12 |
| | 1539 | 1.2 | 37 |
| **23** Tu | 0735 | −0.5 | −15 |
| | 1624 | 1.2 | 37 |
| **24** W | 0807 | −0.6 | −18 |
| | 1700 | 1.3 | 40 |
| **25** Th | 0838 | −0.6 | −18 |
| | 1730 | 1.2 | 37 |
| **26** F | 0910 | −0.7 | −21 |
| | 1759 | 1.2 | 37 |
| **27** Sa ● | 0942 | −0.6 | −18 |
| | 1830 | 1.1 | 34 |
| | 2145 | 1.0 | 30 |
| **28** Su | 0101 | 1.1 | 34 |
| | 1015 | −0.6 | −18 |
| | 1901 | 1.1 | 34 |
| | 2204 | 1.0 | 30 |
| **29** M | 0135 | 1.1 | 34 |
| | 1048 | −0.6 | −18 |
| | 1933 | 1.0 | 30 |
| | 2247 | 0.9 | 27 |
| **30** Tu | 0159 | 1.0 | 30 |
| | 1120 | −0.5 | −15 |
| | 2002 | 1.0 | 30 |
| | 2353 | 0.8 | 24 |
| **31** W | 0220 | 0.9 | 27 |
| | 1152 | −0.4 | −12 |
| | 2026 | 0.9 | 27 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.
On days when the tide is diurnal, high water has an approximate stand of about 7 hours. Predictions are for beginning of stand.

# Port O'Connor, Texas, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm | | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 0722<br>1940 | −0.1 −3<br>0.4 12 | **16** W | 0559<br>1930 | −0.4 −12<br>0.5 15 | **1** F | 0807<br>1946 | −0.5 −15<br>0.5 15 | **16** Sa | 0757<br>2036 | −0.7 −21<br>0.8 24 |
| **2** W | 0801<br>1929 | −0.3 −9<br>0.5 15 | **17** Th | 0703<br>2001 | −0.6 −18<br>0.7 21 | **2** Sa | 0907<br>2032 | −0.6 −18<br>0.5 15 | **17** Su | 0909<br>2135 | −0.7 −21<br>0.7 21 |
| **3** Th | 0843<br>1957 | −0.4 −12<br>0.6 18 | **18** F | 0807<br>2047 | −0.7 −21<br>0.7 21 | **3** Su | 1000<br>2123 | −0.6 −18<br>0.6 18 | **18** M | 1011<br>2244 | −0.7 −21<br>0.6 18 |
| **4** F | 0927<br>2038 | −0.5 −15<br>0.6 18 | **19** Sa | 0910<br>2142 | −0.8 −24<br>0.8 24 | **4** M | 1046<br>2216 | −0.7 −21<br>0.6 18 | **19** Tu | 1104 | −0.6 −18 |
| **5** Sa | 1011<br>2126 | −0.5 −15<br>0.7 21 | **20** Su | 1009<br>2245 | −0.9 −27<br>0.7 21 | **5** Tu | 1126<br>2313 | −0.7 −21<br>0.5 15 | **20** W ○ | 0053<br>1150 | 0.5 15<br>−0.5 −15 |
| **6** Su | 1054<br>2220 | −0.6 −18<br>0.7 21 | **21** M | 1105<br>2357 | −0.9 −27<br>0.7 21 | **6** W ● | 1202 | −0.6 −18 | **21** Th | 0321<br>1232<br>2105<br>2335 | 0.4 12<br>−0.3 −9<br>0.3 9<br>0.2 6 |
| **7** M | 1135<br>2317 | −0.6 −18<br>0.7 21 | **22** Tu ○ | 1154 | −0.8 −24 | **7** Th | 0026<br>1235 | 0.5 15<br>−0.6 −18 | **22** F | 0509<br>1310<br>2013 | 0.4 12<br>−0.2 −6<br>0.2 6 |
| **8** Tu ● | 1213 | −0.6 −18 | **23** W | 0122<br>1239 | 0.6 18<br>−0.7 −21 | **8** F | 0229<br>1306 | 0.4 12<br>−0.4 −12 | **23** Sa | 0032<br>0646<br>1346<br>1929 | 0.1 3<br>0.3 9<br>0.0 0<br>0.2 6 |
| **9** W | 0013<br>1247 | 0.7 21<br>−0.6 −18 | **24** Th | 0258<br>1319 | 0.4 12<br>−0.6 −18 | **9** Sa | 0441<br>1331<br>2057 | 0.3 9<br>−0.3 −9<br>0.1 3 | **24** Su | 0117<br>0827<br>1418<br>1835 | 0.0 0<br>0.3 9<br>0.1 3<br>0.2 6 |
| **10** Th | 0108<br>1319 | 0.6 18<br>−0.6 −18 | **25** F | 0437<br>1353<br>2225 | 0.3 9<br>−0.4 −12<br>0.1 3 | **10** Su | 0039<br>0650<br>1340<br>1915 | 0.0 0<br>0.2 6<br>−0.1 −3<br>0.1 3 | **25** M | 0158<br>1047<br>1419<br>1715 | −0.1 −3<br>0.3 9<br>0.2 6<br>0.3 9 |
| **11** F | 0202<br>1347 | 0.5 15<br>−0.5 −15 | **26** Sa | 0142<br>0620<br>1421<br>2132 | 0.0 0<br>0.2 6<br>−0.2 −6<br>0.1 3 | **11** M | 0153<br>0947<br>1238<br>1811 | −0.1 −3<br>0.1 3<br>0.0 0<br>0.2 6 | **26** Tu | 0241<br>1634 | −0.2 −6<br>0.4 12 |
| **12** Sa | 0302<br>1408 | 0.4 12<br>−0.3 −9 | **27** Su | 0256<br>0826<br>1432<br>2040 | 0.0 0<br>0.1 3<br>−0.1 −3<br>0.1 3 | **12** Tu | 0257<br>1755 | −0.3 −9<br>0.4 12 | **27** W | 0331<br>1703 | −0.2 −6<br>0.5 15 |
| **13** Su | 0445<br>1411<br>2138 | 0.2 6<br>−0.2 −6<br>0.1 3 | **28** M | 0356<br>1934 | −0.2 −6<br>0.2 6 | **13** W ◐ | 0405<br>1817 | −0.5 −15<br>0.6 18 | **28** Th ◑ | 0435<br>1745 | −0.2 −6<br>0.6 18 |
| **14** M | 0346<br>0835<br>1258<br>2004 | 0.0 0<br>0.1 3<br>0.0 0<br>0.2 6 | **29** Tu ◑ | 0454<br>1836 | −0.3 −9<br>0.3 9 | **14** Th | 0519<br>1855 | −0.6 −18<br>0.7 21 | **29** F | 0557<br>1832 | −0.3 −9<br>0.7 21 |
| **15** Tu ◐ | 0455<br>1924 | −0.2 −6<br>0.4 12 | **30** W | 0555<br>1836 | −0.4 −12<br>0.4 12 | **15** F | 0638<br>1943 | −0.6 −18<br>0.8 24 | | | |
| | | | **31** Th | 0701<br>1905 | −0.4 −12<br>0.5 15 | | | | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0725<br>1920 | −0.3 −9<br>0.7 21 | **16** Su | 0743<br>2012 | −0.3 −9<br>0.9 27 |
| **2** Su | 0839<br>2008 | −0.3 −9<br>0.7 21 | **17** M | 0857<br>2100 | −0.2 −6<br>0.8 24 |
| **3** M | 0937<br>2056 | −0.3 −9<br>0.7 21 | **18** Tu | 1000 | −0.1 −3 |
| **4** Tu | 1025<br>2150 | −0.3 −9<br>0.7 21 | **19** W | 0102<br>1054<br>1920<br>2230 | 0.7 21<br>0.0 0<br>0.5 15<br>0.4 12 |
| **5** W | 1107<br>2347 | −0.3 −9<br>0.6 18 | **20** Th | 0351<br>1145<br>1833<br>2307 | 0.6 18<br>0.1 3<br>0.5 15<br>0.4 12 |
| **6** Th | 1148 | −0.2 −6 | **21** F ○ | 0536<br>1235<br>1755<br>2341 | 0.6 18<br>0.3 9<br>0.4 12<br>0.2 6 |
| **7** F ● | 0335<br>1227<br>1959<br>2242 | 0.5 15<br>0.0 0<br>0.3 9<br>0.2 6 | **22** Sa | 0705<br>1335<br>1705 | 0.7 21<br>0.4 12<br>0.5 15 |
| **8** Sa | 0538<br>1306<br>1803<br>2345 | 0.5 15<br>0.1 3<br>0.3 9<br>0.1 3 | **23** Su | 0012<br>0832 | 0.1 3<br>0.7 21 |
| **9** Su | 0735<br>1337<br>1630 | 0.5 15<br>0.3 9<br>0.4 12 | **24** M | 0043<br>1012 | 0.1 3<br>0.7 21 |
| **10** M | 0039<br>1016<br>1250<br>1537 | −0.1 −3<br>0.6 18<br>0.5 15<br>0.6 18 | **25** Tu | 0116<br>1243 | 0.0 0<br>0.8 24 |
| **11** Tu | 0133<br>1601 | −0.2 −6<br>0.7 21 | **26** W | 0155<br>1453 | 0.0 0<br>0.9 27 |
| **12** W | 0232<br>1646 | −0.3 −9<br>0.9 27 | **27** Th | 0242<br>1603 | 0.0 0<br>0.9 27 |
| **13** Th | 0338<br>1737 | −0.4 −12<br>1.0 30 | **28** F | 0343<br>1700 | 0.0 0<br>1.0 30 |
| **14** F ◐ | 0454<br>1829 | −0.4 −12<br>1.0 30 | **29** Sa ◑ | 0500<br>1751 | 0.0 0<br>1.0 30 |
| **15** Sa | 0619<br>1921 | −0.3 −9<br>1.0 30 | **30** Su | 0628<br>1837 | 0.0 0<br>1.0 30 |
| | | | **31** M | 0747<br>1919 | 0.0 0<br>0.9 27 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Port O'Connor, Texas, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0853 | 0.1 3 | 16 W | 0112 | 0.7 21 |
| | 1959 | 0.9 27 | | 0935 | 0.4 12 |
| | | | | 1641 | 0.7 21 |
| | | | | 2201 | 0.5 15 |
| 2 W | 0951 | 0.1 3 | 17 Th | 0414 | 0.7 21 |
| | 2030 | 0.7 21 | | 1046 | 0.5 15 |
| | | | | 1601 | 0.6 18 |
| | | | | 2225 | 0.4 12 |
| 3 Th | 1048 | 0.3 9 | 18 F | 0601 | 0.8 24 |
| | 1858 | 0.6 18 | | 1213 | 0.6 18 |
| | 2134 | 0.5 15 | | 1510 | 0.7 21 |
| | | | | 2252 | 0.3 9 |
| 4 F | 0409 | 0.7 21 | 19 Sa | 0725 | 0.9 27 |
| | 1153 | 0.4 12 | | 2320 | 0.2 6 |
| | 1641 | 0.5 15 | | | |
| | 2209 | 0.4 12 | | | |
| 5 Sa | 0614 | 0.8 24 | 20 Su | 0839 | 1.0 30 |
| | 2251 | 0.2 6 | | 2348 | 0.1 3 |
| ● | | | ○ | | |
| 6 Su | 0809 | 0.9 27 | 21 M | 0954 | 1.0 30 |
| | 2337 | 0.0 0 | | | |
| 7 M | 1040 | 1.0 30 | 22 Tu | 0019 | 0.0 0 |
| | | | | 1118 | 1.0 30 |
| 8 Tu | 0026 | −0.2 −6 | 23 W | 0053 | 0.0 0 |
| | 1343 | 1.1 34 | | 1252 | 1.1 34 |
| 9 W | 0120 | −0.2 −6 | 24 Th | 0133 | 0.0 0 |
| | 1504 | 1.2 37 | | 1416 | 1.1 34 |
| 10 Th | 0219 | −0.3 −9 | 25 F | 0220 | 0.0 0 |
| | 1610 | 1.2 37 | | 1523 | 1.1 34 |
| 11 F | 0324 | −0.2 −6 | 26 Sa | 0313 | 0.1 3 |
| | 1708 | 1.2 37 | | 1616 | 1.1 34 |
| 12 Sa | 0435 | −0.1 −3 | 27 Su | 0412 | 0.1 3 |
| | 1800 | 1.2 37 | | 1701 | 1.1 34 |
| ◐ | | | | | |
| 13 Su | 0553 | 0.0 0 | 28 M | 0516 | 0.1 3 |
| | 1840 | 1.0 30 | | 1738 | 1.0 30 |
| | | | ◑ | | |
| 14 M | 0711 | 0.1 3 | 29 Tu | 0624 | 0.2 6 |
| | 1844 | 0.9 27 | | 1803 | 0.9 27 |
| 15 Tu | 0825 | 0.2 6 | 30 W | 0737 | 0.3 9 |
| | 1735 | 0.8 24 | | 1746 | 0.7 21 |
| | 2214 | 0.6 18 | | | |

## May

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Th | 0907 | 0.5 15 | 16 F | 0637 | 0.7 21 |
| | 1535 | 0.6 18 | | 2200 | 0.0 0 |
| | 2114 | 0.5 15 | | | |
| 2 F | 0504 | 0.7 21 | 17 Sa | 0745 | 0.8 24 |
| | 2123 | 0.3 9 | | 2230 | −0.1 −3 |
| 3 Sa | 0715 | 0.9 27 | 18 Su | 0840 | 0.9 27 |
| | 2158 | 0.0 0 | | 2301 | −0.1 −3 |
| 4 Su | 0858 | 1.0 30 | 19 M | 0935 | 1.0 30 |
| | 2241 | −0.2 −6 | | 2334 | −0.2 −6 |
| | | | ○ | | |
| 5 M | 1037 | 1.2 37 | 20 Tu | 1035 | 1.0 30 |
| | 2329 | −0.3 −9 | | | |
| ● | | | | | |
| 6 Tu | 1210 | 1.2 37 | 21 W | 0010 | −0.2 −6 |
| | | | | 1144 | 1.0 30 |
| 7 W | 0020 | −0.4 −12 | 22 Th | 0048 | −0.2 −6 |
| | 1334 | 1.3 40 | | 1254 | 1.0 30 |
| 8 Th | 0115 | −0.4 −12 | 23 F | 0128 | −0.2 −6 |
| | 1447 | 1.3 40 | | 1357 | 1.0 30 |
| 9 F | 0213 | −0.3 −9 | 24 Sa | 0209 | −0.2 −6 |
| | 1550 | 1.2 37 | | 1449 | 1.0 30 |
| 10 Sa | 0312 | −0.2 −6 | 25 Su | 0250 | −0.2 −6 |
| | 1642 | 1.1 34 | | 1532 | 0.9 27 |
| 11 Su | 0411 | −0.1 −3 | 26 M | 0328 | −0.1 −3 |
| | 1712 | 0.9 27 | | 1605 | 0.8 24 |
| ◐ | | | | | |
| 12 M | 0510 | 0.1 3 | 27 Tu | 0403 | 0.0 0 |
| | 1623 | 0.8 24 | | 1618 | 0.7 21 |
| | | | ◑ | | |
| 13 Tu | 0611 | 0.2 6 | 28 W | 0428 | 0.2 6 |
| | 1456 | 0.7 21 | | 1507 | 0.5 15 |
| | 2137 | 0.4 12 | | | |
| 14 W | 0026 | 0.5 15 | 29 Th | 0333 | 0.3 9 |
| | 0720 | 0.4 12 | | 1150 | 0.4 12 |
| | 1405 | 0.6 18 | | 2026 | 0.2 6 |
| | 2110 | 0.4 12 | | | |
| 15 Th | 0445 | 0.6 18 | 30 F | 0850 | 0.6 18 |
| | 0901 | 0.5 15 | | 2027 | 0.0 0 |
| | 1313 | 0.6 18 | | | |
| | 2132 | 0.2 6 | | | |
| | | | 31 Sa | 0831 | 0.7 21 |
| | | | | 2101 | −0.2 −6 |

## June

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Su | 0911 | 0.9 27 | 16 M | 0909 | 0.7 21 |
| | 2146 | −0.4 −12 | | 2251 | −0.5 −15 |
| 2 M | 1007 | 1.0 30 | 17 Tu | 1000 | 0.7 21 |
| | 2235 | −0.6 −18 | | 2331 | −0.5 −15 |
| 3 Tu | 1113 | 1.1 34 | 18 W | 1056 | 0.7 21 |
| | 2328 | −0.7 −21 | | | |
| ● | | | ○ | | |
| 4 W | 1226 | 1.1 34 | 19 Th | 0010 | −0.5 −15 |
| | | | | 1155 | 0.7 21 |
| 5 Th | 0021 | −0.7 −21 | 20 F | 0048 | −0.5 −15 |
| | 1338 | 1.1 34 | | 1251 | 0.7 21 |
| 6 F | 0115 | −0.6 −18 | 21 Sa | 0123 | −0.5 −15 |
| | 1444 | 1.0 30 | | 1340 | 0.7 21 |
| 7 Sa | 0206 | −0.5 −15 | 22 Su | 0155 | −0.5 −15 |
| | 1541 | 0.8 24 | | 1421 | 0.6 18 |
| 8 Su | 0254 | −0.4 −12 | 23 M | 0223 | −0.4 −12 |
| | 1617 | 0.7 21 | | 1453 | 0.5 15 |
| 9 M | 0336 | −0.2 −6 | 24 Tu | 0245 | −0.3 −9 |
| | 1403 | 0.5 15 | | 1451 | 0.4 12 |
| 10 Tu | 0411 | 0.0 0 | 25 W | 0249 | −0.1 −3 |
| | 1236 | 0.4 12 | | 1159 | 0.2 6 |
| | 2004 | 0.1 3 | | | |
| ◐ | 2208 | 0.2 6 | | | |
| 11 W | 0425 | 0.1 3 | 26 Th | 0131 | 0.1 3 |
| | 1147 | 0.4 12 | | 0929 | 0.2 6 |
| | 1952 | 0.1 3 | | 1844 | −0.1 −3 |
| | | | ◑ | | |
| 12 Th | 1045 | 0.4 12 | 27 F | 0812 | 0.4 12 |
| | 2023 | −0.1 −3 | | 1909 | −0.3 −9 |
| 13 F | 0810 | 0.5 15 | 28 Sa | 0805 | 0.6 18 |
| | 2057 | −0.3 −9 | | 1954 | −0.5 −15 |
| 14 Sa | 0756 | 0.6 18 | 29 Su | 0834 | 0.7 21 |
| | 2133 | −0.4 −12 | | 2046 | −0.7 −21 |
| 15 Su | 0827 | 0.7 21 | 30 M | 0922 | 0.8 24 |
| | 2211 | −0.4 −12 | | 2141 | −0.8 −24 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Port O'Connor, Texas, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 1020<br>2237 | 0.9 / 27<br>−0.9 / −27 | **16** W | 1010<br>2329 | 0.6 / 18<br>−0.6 / −18 |
| **2** W ● | 1127<br>2331 | 0.9 / 27<br>−0.9 / −27 | **17** Th | 1104 | 0.6 / 18 |
| **3** Th | 1240 | 0.8 / 24 | **18** F ○ | 0007<br>1157 | −0.6 / −18<br>0.6 / 18 |
| **4** F | 0023<br>1354 | −0.8 / −24<br>0.7 / 21 | **19** Sa | 0041<br>1249 | −0.6 / −18<br>0.6 / 18 |
| **5** Sa | 0110<br>1507 | −0.7 / −21<br>0.6 / 18 | **20** Su | 0111<br>1341 | −0.5 / −15<br>0.5 / 15 |
| **6** Su | 0153<br>1626 | −0.6 / −18<br>0.4 / 12 | **21** M | 0137<br>1448 | −0.4 / −12<br>0.4 / 12 |
| **7** M | 0229<br>1146<br>1449<br>1811 | −0.4 / −12<br>0.2 / 6<br>0.1 / 3<br>0.3 / 9 | **22** Tu | 0157<br>1707 | −0.3 / −9<br>0.2 / 6 |
| **8** Tu | 0256<br>1036<br>1640<br>2109 | −0.2 / −6<br>0.2 / 6<br>0.0 / 0<br>0.1 / 3 | **23** W | 0200<br>0913<br>1510<br>2048 | −0.1 / −3<br>0.2 / 6<br>0.0 / 0<br>0.1 / 3 |
| **9** W ◐ | 0259<br>0950<br>1745 | 0.0 / 0<br>0.2 / 6<br>−0.1 / −3 | **24** Th | 0050<br>0736<br>1615 | 0.0 / 0<br>0.2 / 6<br>−0.1 / −3 |
| **10** Th | 0856<br>1840 | 0.3 / 9<br>−0.3 / −9 | **25** F ◑ | 0654<br>1718 | 0.4 / 12<br>−0.3 / −9 |
| **11** F | 0747<br>1930 | 0.4 / 12<br>−0.4 / −12 | **26** Sa | 0701<br>1824 | 0.6 / 18<br>−0.5 / −15 |
| **12** Sa | 0729<br>2021 | 0.5 / 15<br>−0.5 / −15 | **27** Su | 0735<br>1933 | 0.7 / 21<br>−0.6 / −18 |
| **13** Su | 0751<br>2111 | 0.5 / 15<br>−0.5 / −15 | **28** M | 0823<br>2039 | 0.8 / 24<br>−0.7 / −21 |
| **14** M | 0830<br>2200 | 0.6 / 18<br>−0.6 / −18 | **29** Tu | 0920<br>2143 | 0.9 / 27<br>−0.7 / −21 |
| **15** Tu | 0917<br>2247 | 0.6 / 18<br>−0.6 / −18 | **30** W | 1025<br>2240 | 0.9 / 27<br>−0.7 / −21 |
| | | | **31** Th | 1141<br>2332 | 0.8 / 24<br>−0.7 / −21 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** F ● | 1314 | 0.7 / 21 | **16** Sa ○ | 1218 | 0.7 / 21 |
| **2** Sa | 0019<br>1502 | −0.6 / −18<br>0.6 / 18 | **17** Su | 0026<br>1452 | −0.2 / −6<br>0.6 / 18 |
| **3** Su | 0100<br>1650 | −0.4 / −12<br>0.5 / 15 | **18** M | 0056<br>1659 | −0.1 / −3<br>0.5 / 15 |
| **4** M | 0136<br>0930<br>1304<br>1839 | −0.2 / −6<br>0.3 / 9<br>0.2 / 6<br>0.4 / 12 | **19** Tu | 0122<br>0820<br>1224<br>1901 | 0.1 / 3<br>0.4 / 12<br>0.3 / 9<br>0.5 / 15 |
| **5** Tu | 0205<br>0838<br>1420<br>2046 | 0.0 / 0<br>0.3 / 9<br>0.1 / 3<br>0.3 / 9 | **20** W | 0135<br>0637<br>1325<br>2154 | 0.3 / 9<br>0.4 / 12<br>0.2 / 6<br>0.5 / 15 |
| **6** W | 0221<br>0754<br>1521 | 0.2 / 6<br>0.3 / 9<br>0.0 / 0 | **21** Th | 0035<br>0525<br>1423 | 0.4 / 12<br>0.5 / 15<br>0.0 / 0 |
| **7** Th | 0701<br>1621 | 0.4 / 12<br>−0.1 / −3 | **22** F | 0510<br>1526 | 0.7 / 21<br>−0.1 / −3 |
| **8** F ◐ | 0614<br>1724 | 0.5 / 15<br>−0.2 / −6 | **23** Sa ◑ | 0537<br>1637 | 0.9 / 27<br>−0.2 / −6 |
| **9** Sa | 0616<br>1833 | 0.6 / 18<br>−0.2 / −6 | **24** Su | 0620<br>1757 | 1.0 / 30<br>−0.3 / −9 |
| **10** Su | 0647<br>1945 | 0.7 / 21<br>−0.3 / −9 | **25** M | 0712<br>1919 | 1.1 / 34<br>−0.3 / −9 |
| **11** M | 0729<br>2052 | 0.7 / 21<br>−0.3 / −9 | **26** Tu | 0808<br>2035 | 1.1 / 34<br>−0.3 / −9 |
| **12** Tu | 0817<br>2149 | 0.8 / 24<br>−0.3 / −9 | **27** W | 0910<br>2140 | 1.1 / 34<br>−0.3 / −9 |
| **13** W | 0908<br>2237 | 0.8 / 24<br>−0.3 / −9 | **28** Th | 1026<br>2237 | 1.0 / 30<br>−0.2 / −6 |
| **14** Th | 1001<br>2318 | 0.8 / 24<br>−0.3 / −9 | **29** F | 1245<br>2326 | 0.9 / 27<br>−0.1 / −3 |
| **15** F | 1058<br>2353 | 0.7 / 21<br>−0.3 / −9 | **30** Sa ● | 1517 | 0.8 / 24 |
| | | | **31** Su | 0010<br>0809<br>1059<br>1711 | 0.1 / 3<br>0.6 / 18<br>0.5 / 15<br>0.8 / 24 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0051<br>0711<br>1204<br>1853 | 0.3 / 9<br>0.6 / 18<br>0.4 / 12<br>0.8 / 24 | **16** Tu | 0103<br>0513<br>1130<br>1944 | 0.6 / 18<br>0.7 / 21<br>0.5 / 15<br>1.0 / 30 |
| **2** Tu | 0131<br>0627<br>1252<br>2037 | 0.5 / 15<br>0.6 / 18<br>0.3 / 9<br>0.8 / 24 | **17** W | 1216<br>2225 | 0.4 / 12<br>1.1 / 34 |
| **3** W | 0210<br>0535<br>1337<br>2259 | 0.6 / 18<br>0.7 / 21<br>0.2 / 6<br>0.8 / 24 | **18** Th | 1305 | 0.2 / 6 |
| **4** Th | 0242<br>0404<br>1422 | 0.7 / 21<br>0.8 / 24<br>0.2 / 6 | **19** F | 0303<br>1400 | 1.2 / 37<br>0.1 / 3 |
| **5** F | 0344<br>1512 | 0.9 / 27<br>0.2 / 6 | **20** Sa | 0401<br>1502 | 1.4 / 43<br>0.1 / 3 |
| **6** Sa | 0428<br>1614 | 1.0 / 30<br>0.2 / 6 | **21** Su ◑ | 0457<br>1615 | 1.5 / 46<br>0.1 / 3 |
| **7** Su ◐ | 0516<br>1735 | 1.1 / 34<br>0.2 / 6 | **22** M | 0552<br>1737 | 1.5 / 46<br>0.1 / 3 |
| **8** M | 0606<br>1905 | 1.1 / 34<br>0.2 / 6 | **23** Tu | 0647<br>1901 | 1.5 / 46<br>0.2 / 6 |
| **9** Tu | 0655<br>2023 | 1.1 / 34<br>0.2 / 6 | **24** W | 0740<br>2019 | 1.4 / 43<br>0.3 / 9 |
| **10** W | 0743<br>2123 | 1.1 / 34<br>0.2 / 6 | **25** Th | 0832<br>2125 | 1.3 / 40<br>0.4 / 12 |
| **11** Th | 0829<br>2212 | 1.1 / 34<br>0.2 / 6 | **26** F | 1236<br>2223 | 1.1 / 34<br>0.5 / 15 |
| **12** F | 0915<br>2255 | 1.0 / 30<br>0.2 / 6 | **27** Sa | 0628<br>0957<br>1543<br>2318 | 1.0 / 30<br>0.9 / 27<br>1.1 / 34<br>0.7 / 21 |
| **13** Sa | 1301<br>2336 | 1.0 / 30<br>0.4 / 12 | **28** Su | 0530<br>1039<br>1735 | 0.9 / 27<br>0.8 / 24<br>1.1 / 34 |
| **14** Su | 1601 | 0.9 / 27 | **29** M ● | 0013<br>0446<br>1117<br>1909 | 0.8 / 24<br>0.9 / 27<br>0.6 / 18<br>1.2 / 37 |
| **15** M ○ | 0018<br>0659<br>1045<br>1753 | 0.5 / 15<br>0.7 / 21<br>0.6 / 18<br>1.0 / 30 | **30** Tu | 0126<br>0348<br>1152<br>2039 | 0.9 / 27<br>1.0 / 30<br>0.5 / 15<br>1.2 / 37 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Port O'Connor, Texas, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 W | 1227<br>2218 | 0.4 12<br>1.3 40 | 16 Th | 1203 | 0.3 9 |
| 2 Th | 1302 | 0.4 12 | 17 F | 0059<br>1254 | 1.6 49<br>0.2 6 |
| 3 F | 0028<br>1342 | 1.3 40<br>0.4 12 | 18 Sa | 0225<br>1350 | 1.7 52<br>0.2 6 |
| 4 Sa | 0221<br>1429 | 1.4 43<br>0.4 12 | 19 Su | 0333<br>1452 | 1.7 52<br>0.2 6 |
| 5 Su | 0333<br>1527 | 1.4 43<br>0.5 15 | 20 M | 0433<br>1559 | 1.7 52<br>0.3 9 |
| 6 M | 0432<br>1641 | 1.4 43<br>0.5 15 | 21 Tu ◑ | 0527<br>1711 | 1.6 49<br>0.4 12 |
| 7 Tu ◐ | 0522<br>1806 | 1.4 43<br>0.5 15 | 22 W | 0609<br>1825 | 1.5 46<br>0.5 15 |
| 8 W | 0606<br>1926 | 1.4 43<br>0.5 15 | 23 Th | 0617<br>1939 | 1.3 40<br>0.7 21 |
| 9 Th | 0643<br>2034 | 1.4 43<br>0.6 18 | 24 F | 0454<br>1006<br>1230<br>2052 | 1.2 37<br>1.0 30<br>1.1 34<br>0.8 24 |
| 10 F | 0708<br>2133 | 1.3 40<br>0.7 21 | 25 Sa | 0344<br>0936<br>1611<br>2210 | 1.1 34<br>0.9 27<br>1.1 34<br>1.0 30 |
| 11 Sa | 0700<br>1132<br>1326<br>2234 | 1.1 34<br>1.0 30<br>1.1 34<br>0.8 24 | 26 Su | 0255<br>1001<br>1806 | 1.1 34<br>0.7 21<br>1.2 37 |
| 12 Su | 0540<br>0953<br>1636<br>2348 | 1.0 30<br>0.9 27<br>1.2 37<br>0.9 27 | 27 M | 1032<br>1931 | 0.6 18<br>1.3 40 |
| 13 M | 0342<br>1006<br>1829 | 1.0 30<br>0.8 24<br>1.2 37 | 28 Tu ● | 1103<br>2043 | 0.5 15<br>1.4 43 |
| 14 Tu ○ | 1038<br>2018 | 0.6 18<br>1.3 40 | 29 W | 1135<br>2154 | 0.4 12<br>1.4 43 |
| 15 W | 1118<br>2234 | 0.4 12<br>1.5 46 | 30 Th | 1208<br>2311 | 0.3 9<br>1.4 43 |
| | | | 31 F | 1244 | 0.3 9 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0036<br>1324 | 1.5 46<br>0.3 9 | 16 Su | 0219<br>1347 | 1.6 49<br>−0.1 −3 |
| 2 Su | 0156<br>1409 | 1.5 46<br>0.4 12 | 17 M | 0324<br>1443 | 1.5 46<br>0.0 0 |
| 3 M | 0300<br>1500 | 1.5 46<br>0.4 12 | 18 Tu | 0419<br>1538 | 1.4 43<br>0.1 3 |
| 4 Tu | 0352<br>1554 | 1.4 43<br>0.4 12 | 19 W ◑ | 0457<br>1631 | 1.2 37<br>0.3 9 |
| 5 W ◐ | 0433<br>1651 | 1.4 43<br>0.5 15 | 20 Th | 0419<br>1721 | 1.0 30<br>0.5 15 |
| 6 Th | 0504<br>1751 | 1.3 40<br>0.6 18 | 21 F | 0212<br>1812 | 0.9 27<br>0.7 21 |
| 7 F | 0516<br>1901 | 1.2 37<br>0.7 21 | 22 Sa | 0109<br>0843<br>1724<br>1928 | 0.9 27<br>0.6 18<br>0.8 24<br>0.7 21 |
| 8 Sa | 0440<br>2038 | 1.0 30<br>0.8 24 | 23 Su | 0009<br>0909<br>1907 | 0.9 27<br>0.4 12<br>1.0 30 |
| 9 Su | 0237<br>0921<br>1749 | 0.9 27<br>0.8 24<br>1.0 30 | 24 M | 0941<br>1955 | 0.2 6<br>1.1 34 |
| 10 M | 0919<br>1932 | 0.6 18<br>1.2 37 | 25 Tu | 1015<br>2040 | 0.1 3<br>1.2 37 |
| 11 Tu | 0946<br>2055 | 0.3 9<br>1.3 40 | 26 W | 1049<br>2129 | 0.0 0<br>1.2 37 |
| 12 W | 1024<br>2218 | 0.1 3<br>1.5 46 | 27 Th ● | 1125<br>2225 | 0.0 0<br>1.2 37 |
| 13 Th ○ | 1109<br>2343 | 0.0 0<br>1.5 46 | 28 F | 1203<br>2330 | 0.0 0<br>1.2 37 |
| 14 F | 1159 | −0.1 −3 | 29 Sa | 1241 | −0.1 −3 |
| 15 Sa | 0105<br>1252 | 1.6 49<br>−0.1 −3 | 30 Su | 0038<br>1321 | 1.2 37<br>0.0 0 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 M | 0141<br>1400 | 1.1 34<br>0.0 0 | 16 Tu | 0331<br>1428 | 1.0 30<br>−0.3 −9 |
| 2 Tu | 0232<br>1436 | 1.1 34<br>0.0 0 | 17 W | 0429<br>1507 | 0.8 24<br>−0.1 −3 |
| 3 W | 0312<br>1509 | 1.0 30<br>0.1 3 | 18 Th | 0500<br>1537<br>2344 | 0.5 15<br>0.1 3<br>0.5 15 |
| 4 Th | 0340<br>1535 | 0.9 27<br>0.2 6 | 19 F ◑ | 0632<br>0930<br>1534<br>2250 | 0.2 6<br>0.3 9<br>0.2 6<br>0.5 15 |
| 5 F ◐ | 0344<br>1544 | 0.8 24<br>0.3 9 | 20 Sa | 0710<br>2155 | 0.1 3<br>0.5 15 |
| 6 Sa | 0217<br>1338<br>2259 | 0.6 18<br>0.5 15<br>0.6 18 | 21 Su | 0753<br>2028 | −0.1 −3<br>0.6 18 |
| 7 Su | 0827<br>2027 | 0.3 9<br>0.7 21 | 22 M | 0835<br>2000 | −0.2 −6<br>0.7 21 |
| 8 M | 0818<br>2014 | 0.1 3<br>0.9 27 | 23 Tu | 0918<br>2021 | −0.3 −9<br>0.8 24 |
| 9 Tu | 0847<br>2050 | −0.1 −3<br>1.0 30 | 24 W | 1000<br>2058 | −0.4 −12<br>0.8 24 |
| 10 W | 0929<br>2143 | −0.3 −9<br>1.1 34 | 25 Th | 1043<br>2145 | −0.5 −15<br>0.8 24 |
| 11 Th | 1017<br>2248 | −0.5 −15<br>1.2 37 | 26 F | 1125<br>2239 | −0.5 −15<br>0.8 24 |
| 12 F ○ | 1109 | −0.6 −18 | 27 Sa ● | 1205<br>2338 | −0.5 −15<br>0.8 24 |
| 13 Sa | 0000<br>1201 | 1.2 37<br>−0.6 −18 | 28 Su | 1243 | −0.5 −15 |
| 14 Su | 0115<br>1253 | 1.2 37<br>−0.6 −18 | 29 M | 0035<br>1316 | 0.7 21<br>−0.5 −15 |
| 15 M | 0227<br>1343 | 1.1 34<br>−0.5 −15 | 30 Tu | 0125<br>1346 | 0.7 21<br>−0.4 −12 |
| | | | 31 W | 0207<br>1410 | 0.6 18<br>−0.3 −9 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Padre Island (south end), Texas, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height (ft) | Height (cm) |
|---|---|---|---|
| 1 Tu | 0353 | 0.1 | 3 |
| | 1431 | 1.2 | 37 |
| 2 W | 0433 | −0.1 | −3 |
| | 1505 | 1.3 | 40 |
| 3 Th | 0514 | −0.3 | −9 |
| | 1543 | 1.4 | 43 |
| 4 F | 0554 | −0.5 | −15 |
| | 1623 | 1.5 | 46 |
| 5 Sa | 0634 | −0.6 | −18 |
| | 1702 | 1.5 | 46 |
| 6 Su | 0713 | −0.6 | −18 |
| | 1740 | 1.5 | 46 |
| 7 M | 0750 | −0.6 | −18 |
| | 1813 | 1.6 | 49 |
| 8 Tu ● | 0826 | −0.6 | −18 |
| | 1839 | 1.6 | 49 |
| 9 W | 0901 | −0.6 | −18 |
| | 1857 | 1.6 | 49 |
| 10 Th | 0938 | −0.5 | −15 |
| | 1907 | 1.5 | 46 |
| 11 F | 1017 | −0.3 | −9 |
| | 1909 | 1.4 | 43 |
| 12 Sa | 1058 | −0.1 | −3 |
| | 1903 | 1.2 | 37 |
| 13 Su | 0106 | 0.8 | 24 |
| | 0429 | 0.9 | 27 |
| | 1143 | 0.2 | 6 |
| | 1849 | 1.0 | 30 |
| 14 M | 0126 | 0.4 | 12 |
| | 0722 | 0.8 | 24 |
| | 1234 | 0.5 | 15 |
| | 1825 | 0.9 | 27 |
| 15 Tu ◐ | 0203 | 0.0 | 0 |
| | 1035 | 0.9 | 27 |
| | 1348 | 0.8 | 24 |
| | 1737 | 1.0 | 30 |

| | Time | Height (ft) | Height (cm) |
|---|---|---|---|
| 16 W | 0250 | −0.4 | −12 |
| | 1311 | 1.2 | 37 |
| 17 Th | 0344 | −0.8 | −24 |
| | 1424 | 1.4 | 43 |
| 18 F | 0442 | −1.0 | −30 |
| | 1522 | 1.6 | 49 |
| 19 Sa | 0541 | −1.2 | −37 |
| | 1616 | 1.6 | 49 |
| 20 Su | 0640 | −1.2 | −37 |
| | 1705 | 1.6 | 49 |
| 21 M | 0735 | −1.2 | −37 |
| | 1746 | 1.6 | 49 |
| 22 Tu ○ | 0828 | −1.0 | −30 |
| | 1812 | 1.5 | 46 |
| 23 W | 0916 | −0.8 | −24 |
| | 1823 | 1.3 | 40 |
| | 2234 | 1.1 | 34 |
| 24 Th | 0055 | 1.2 | 37 |
| | 1002 | −0.4 | −12 |
| | 1824 | 1.2 | 37 |
| | 2258 | 1.0 | 30 |
| 25 F | 0242 | 1.1 | 34 |
| | 1044 | −0.1 | −3 |
| | 1818 | 1.0 | 30 |
| | 2336 | 0.7 | 21 |
| 26 Sa | 0426 | 0.9 | 27 |
| | 1123 | 0.2 | 6 |
| | 1807 | 0.9 | 27 |
| 27 Su | 0020 | 0.4 | 12 |
| | 0622 | 0.8 | 24 |
| | 1159 | 0.5 | 15 |
| | 1750 | 0.9 | 27 |
| 28 M | 0106 | 0.2 | 6 |
| | 0852 | 0.8 | 24 |
| | 1229 | 0.7 | 21 |
| | 1719 | 0.9 | 27 |
| 29 Tu ◑ | 0154 | −0.1 | −3 |
| | 1609 | 1.0 | 30 |
| 30 W | 0245 | −0.2 | −6 |
| | 1434 | 1.1 | 34 |
| 31 Th | 0338 | −0.4 | −12 |
| | 1501 | 1.2 | 37 |

## February

| | Time | Height (ft) | Height (cm) |
|---|---|---|---|
| 1 F | 0432 | −0.5 | −15 |
| | 1536 | 1.3 | 40 |
| 2 Sa | 0523 | −0.5 | −15 |
| | 1611 | 1.3 | 40 |
| 3 Su | 0610 | −0.6 | −18 |
| | 1642 | 1.4 | 43 |
| 4 M | 0652 | −0.6 | −18 |
| | 1706 | 1.4 | 43 |
| 5 Tu | 0732 | −0.6 | −18 |
| | 1722 | 1.4 | 43 |
| 6 W ● | 0811 | −0.5 | −15 |
| | 1730 | 1.4 | 43 |
| 7 Th | 0850 | −0.4 | −12 |
| | 1731 | 1.3 | 40 |
| | 2213 | 1.0 | 30 |
| 8 F | 0053 | 1.1 | 34 |
| | 0931 | −0.3 | −9 |
| | 1727 | 1.1 | 34 |
| | 2222 | 0.8 | 24 |
| 9 Sa | 0243 | 1.0 | 30 |
| | 1016 | 0.0 | 0 |
| | 1717 | 0.9 | 27 |
| | 2249 | 0.5 | 15 |
| 10 Su | 0431 | 0.9 | 27 |
| | 1105 | 0.3 | 9 |
| | 1659 | 0.8 | 24 |
| | 2326 | 0.1 | 3 |
| 11 M | 0630 | 0.9 | 27 |
| | 1202 | 0.6 | 18 |
| | 1631 | 0.8 | 24 |
| 12 Tu | 0013 | −0.3 | −9 |
| | 0853 | 1.0 | 30 |
| 13 W ◐ | 0108 | −0.6 | −18 |
| | 1135 | 1.2 | 37 |
| 14 Th | 0211 | −0.8 | −24 |
| | 1318 | 1.4 | 43 |
| 15 F | 0319 | −0.9 | −27 |
| | 1424 | 1.5 | 46 |

| | Time | Height (ft) | Height (cm) |
|---|---|---|---|
| 16 Sa | 0429 | −1.0 | −30 |
| | 1516 | 1.6 | 49 |
| 17 Su | 0536 | −1.0 | −30 |
| | 1559 | 1.5 | 46 |
| 18 M | 0637 | −0.9 | −27 |
| | 1628 | 1.5 | 46 |
| 19 Tu | 0733 | −0.7 | −21 |
| | 1641 | 1.3 | 40 |
| | 2040 | 1.2 | 37 |
| | 2323 | 1.3 | 40 |
| 20 W ○ | 0823 | −0.4 | −12 |
| | 1643 | 1.2 | 37 |
| | 2049 | 1.0 | 30 |
| 21 Th | 0110 | 1.2 | 37 |
| | 0910 | −0.2 | −6 |
| | 1639 | 1.0 | 30 |
| | 2118 | 0.8 | 24 |
| 22 F | 0239 | 1.1 | 34 |
| | 0954 | 0.1 | 3 |
| | 1630 | 0.9 | 27 |
| | 2152 | 0.5 | 15 |
| 23 Sa | 0403 | 1.1 | 34 |
| | 1038 | 0.4 | 12 |
| | 1616 | 0.8 | 24 |
| | 2229 | 0.3 | 9 |
| 24 Su | 0529 | 1.0 | 30 |
| | 1122 | 0.6 | 18 |
| | 1555 | 0.8 | 24 |
| | 2307 | 0.1 | 3 |
| 25 M | 0706 | 1.0 | 30 |
| | 1213 | 0.8 | 24 |
| | 1517 | 0.9 | 27 |
| | 2349 | −0.1 | −3 |
| 26 Tu | 0914 | 1.0 | 30 |
| 27 W | 0036 | −0.2 | −6 |
| | 1217 | 1.1 | 34 |
| 28 Th ◑ | 0131 | −0.2 | −6 |
| | 1332 | 1.2 | 37 |
| 29 F | 0235 | −0.2 | −6 |
| | 1417 | 1.3 | 40 |

## March

| | Time | Height (ft) | Height (cm) |
|---|---|---|---|
| 1 Sa | 0340 | −0.2 | −6 |
| | 1453 | 1.4 | 43 |
| 2 Su | 0441 | −0.2 | −6 |
| | 1519 | 1.5 | 46 |
| 3 M | 0534 | −0.2 | −6 |
| | 1536 | 1.5 | 46 |
| 4 Tu | 0623 | −0.2 | −6 |
| | 1544 | 1.5 | 46 |
| 5 W | 0709 | −0.2 | −6 |
| | 1545 | 1.4 | 43 |
| | 2021 | 1.1 | 34 |
| | 2332 | 1.2 | 37 |
| 6 Th | 0756 | −0.1 | −3 |
| | 1542 | 1.2 | 37 |
| | 2023 | 0.9 | 27 |
| 7 F ● | 0115 | 1.2 | 37 |
| | 0845 | 0.1 | 3 |
| | 1533 | 1.0 | 30 |
| | 2044 | 0.6 | 18 |
| 8 Sa | 0246 | 1.2 | 37 |
| | 0938 | 0.3 | 9 |
| | 1520 | 0.9 | 27 |
| | 2114 | 0.2 | 6 |
| 9 Su | 0415 | 1.3 | 40 |
| | 1040 | 0.6 | 18 |
| | 1458 | 0.8 | 24 |
| | 2153 | −0.1 | −3 |
| 10 M | 0549 | 1.3 | 40 |
| | 1203 | 0.7 | 21 |
| | 1414 | 0.8 | 24 |
| | 2239 | −0.4 | −12 |
| 11 Tu | 0735 | 1.3 | 40 |
| | 2332 | −0.7 | −21 |
| 12 W | 0935 | 1.4 | 43 |
| 13 Th | 0034 | −0.8 | −24 |
| | 1131 | 1.6 | 49 |
| 14 F ◐ | 0145 | −0.8 | −24 |
| | 1253 | 1.6 | 49 |
| 15 Sa | 0301 | −0.7 | −21 |
| | 1350 | 1.7 | 52 |

| | Time | Height (ft) | Height (cm) |
|---|---|---|---|
| 16 Su | 0416 | −0.5 | −15 |
| | 1427 | 1.6 | 49 |
| 17 M | 0526 | −0.4 | −12 |
| | 1446 | 1.5 | 46 |
| 18 Tu | 0629 | −0.1 | −3 |
| | 1452 | 1.4 | 43 |
| | 1924 | 1.1 | 34 |
| | 2331 | 1.3 | 40 |
| 19 W | 0726 | 0.1 | 3 |
| | 1450 | 1.2 | 37 |
| | 1940 | 0.9 | 27 |
| 20 Th | 0111 | 1.3 | 40 |
| | 0820 | 0.4 | 12 |
| | 1442 | 1.1 | 34 |
| | 2007 | 0.6 | 18 |
| 21 F ○ | 0233 | 1.4 | 43 |
| | 0913 | 0.6 | 18 |
| | 1430 | 1.0 | 30 |
| | 2037 | 0.4 | 12 |
| 22 Sa | 0348 | 1.4 | 43 |
| | 1008 | 0.8 | 24 |
| | 1410 | 0.9 | 27 |
| | 2108 | 0.1 | 3 |
| 23 Su | 0459 | 1.4 | 43 |
| | 1118 | 0.8 | 24 |
| | 1331 | 0.9 | 27 |
| | 2139 | 0.0 | 0 |
| 24 M | 0611 | 1.3 | 40 |
| | 2213 | −0.1 | −3 |
| 25 Tu | 0731 | 1.3 | 40 |
| | 2251 | −0.2 | −6 |
| 26 W | 0911 | 1.3 | 40 |
| | 2335 | −0.2 | −6 |
| 27 Th | 1103 | 1.4 | 43 |
| 28 F | 0028 | −0.1 | −3 |
| | 1218 | 1.5 | 46 |
| 29 Sa ◑ | 0130 | 0.0 | 0 |
| | 1303 | 1.6 | 49 |
| 30 Su | 0237 | 0.0 | 0 |
| | 1329 | 1.6 | 49 |
| 31 M | 0344 | 0.1 | 3 |
| | 1343 | 1.6 | 49 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Padre Island (south end), Texas, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0446 | 0.2 | 6 |
| | 1348 | 1.6 | 49 |
| **2** W | 0546 | 0.3 | 9 |
| | 1347 | 1.4 | 43 |
| | 1905 | 1.1 | 34 |
| | 2320 | 1.3 | 40 |
| **3** Th | 0647 | 0.4 | 12 |
| | 1341 | 1.3 | 40 |
| | 1907 | 0.8 | 24 |
| **4** F | 0103 | 1.4 | 43 |
| | 0750 | 0.5 | 15 |
| | 1330 | 1.1 | 34 |
| | 1929 | 0.4 | 12 |
| **5** Sa ● | 0230 | 1.5 | 46 |
| | 0902 | 0.7 | 21 |
| | 1310 | 0.9 | 27 |
| | 2000 | 0.0 | 0 |
| **6** Su | 0352 | 1.6 | 49 |
| | 2038 | −0.4 | −12 |
| **7** M | 0513 | 1.7 | 52 |
| | 2123 | −0.7 | −21 |
| **8** Tu | 0637 | 1.7 | 52 |
| | 2214 | −0.8 | −24 |
| **9** W | 0809 | 1.8 | 55 |
| | 2311 | −0.8 | −24 |
| **10** Th | 0944 | 1.8 | 55 |
| **11** F | 0015 | −0.7 | −21 |
| | 1107 | 1.8 | 55 |
| **12** Sa ◐ | 0125 | −0.5 | −15 |
| | 1204 | 1.8 | 55 |
| **13** Su | 0239 | −0.3 | −9 |
| | 1237 | 1.7 | 52 |
| **14** M | 0354 | 0.0 | 0 |
| | 1251 | 1.6 | 49 |
| **15** Tu | 0506 | 0.3 | 9 |
| | 1253 | 1.4 | 43 |
| | 1823 | 1.0 | 30 |
| | 2320 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0615 | 0.6 | 18 |
| | 1248 | 1.3 | 40 |
| | 1841 | 0.8 | 24 |
| **17** Th | 0106 | 1.4 | 43 |
| | 0723 | 0.8 | 24 |
| | 1237 | 1.2 | 37 |
| | 1907 | 0.5 | 15 |
| **18** F | 0228 | 1.5 | 46 |
| | 0836 | 1.0 | 30 |
| | 1216 | 1.1 | 34 |
| | 1935 | 0.2 | 6 |
| **19** Sa | 0338 | 1.5 | 46 |
| | 2004 | 0.0 | 0 |
| **20** Su ○ | 0440 | 1.6 | 49 |
| | 2034 | −0.2 | −6 |
| **21** M | 0540 | 1.6 | 49 |
| | 2104 | −0.3 | −9 |
| **22** Tu | 0640 | 1.5 | 46 |
| | 2137 | −0.3 | −9 |
| **23** W | 0747 | 1.5 | 46 |
| | 2214 | −0.3 | −9 |
| **24** Th | 0902 | 1.6 | 49 |
| | 2255 | −0.2 | −6 |
| **25** F | 1011 | 1.6 | 49 |
| | 2343 | −0.1 | −3 |
| **26** Sa | 1100 | 1.7 | 52 |
| **27** Su | 0036 | 0.0 | 0 |
| | 1129 | 1.7 | 52 |
| **28** M ◑ | 0135 | 0.2 | 6 |
| | 1143 | 1.7 | 52 |
| **29** Tu | 0240 | 0.3 | 9 |
| | 1148 | 1.6 | 49 |
| **30** W | 0352 | 0.5 | 15 |
| | 1145 | 1.4 | 43 |
| | 1803 | 1.0 | 30 |
| | 2241 | 1.2 | 37 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0511 | 0.7 | 21 |
| | 1136 | 1.3 | 40 |
| | 1800 | 0.6 | 18 |
| **2** F | 0040 | 1.3 | 40 |
| | 0640 | 0.8 | 24 |
| | 1118 | 1.1 | 34 |
| | 1821 | 0.2 | 6 |
| **3** Sa | 0209 | 1.5 | 46 |
| | 0830 | 0.9 | 27 |
| | 1038 | 1.0 | 30 |
| | 1853 | −0.3 | −9 |
| **4** Su | 0326 | 1.7 | 52 |
| | 1932 | −0.7 | −21 |
| **5** M ● | 0439 | 1.8 | 55 |
| | 2018 | −1.0 | −30 |
| **6** Tu | 0552 | 1.9 | 58 |
| | 2108 | −1.1 | −34 |
| **7** W | 0707 | 1.9 | 58 |
| | 2202 | −1.1 | −34 |
| **8** Th | 0823 | 1.9 | 58 |
| | 2300 | −0.9 | −27 |
| **9** F | 0931 | 1.9 | 58 |
| **10** Sa | 0000 | −0.7 | −21 |
| | 1020 | 1.8 | 55 |
| **11** Su ◐ | 0103 | −0.3 | −9 |
| | 1046 | 1.6 | 49 |
| **12** M | 0209 | 0.1 | 3 |
| | 1055 | 1.5 | 46 |
| **13** Tu | 0318 | 0.4 | 12 |
| | 1053 | 1.4 | 43 |
| | 1717 | 0.8 | 24 |
| | 2244 | 1.1 | 34 |
| **14** W | 0435 | 0.8 | 24 |
| | 1044 | 1.2 | 37 |
| | 1738 | 0.5 | 15 |
| **15** Th | 0051 | 1.3 | 40 |
| | 0605 | 1.0 | 30 |
| | 1026 | 1.2 | 37 |
| | 1807 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0220 | 1.4 | 43 |
| | 1837 | −0.1 | −3 |
| **17** Sa | 0327 | 1.5 | 46 |
| | 1908 | −0.3 | −9 |
| **18** Su | 0424 | 1.6 | 49 |
| | 1939 | −0.4 | −12 |
| **19** M ○ | 0516 | 1.6 | 49 |
| | 2011 | −0.5 | −15 |
| **20** Tu | 0607 | 1.6 | 49 |
| | 2043 | −0.5 | −15 |
| **21** W | 0700 | 1.6 | 49 |
| | 2117 | −0.5 | −15 |
| **22** Th | 0753 | 1.6 | 49 |
| | 2153 | −0.4 | −12 |
| **23** F | 0842 | 1.6 | 49 |
| | 2231 | −0.3 | −9 |
| **24** Sa | 0918 | 1.7 | 52 |
| | 2311 | −0.2 | −6 |
| **25** Su | 0941 | 1.7 | 52 |
| | 2355 | 0.0 | 0 |
| **26** M | 0952 | 1.6 | 49 |
| **27** Tu ◑ | 0044 | 0.1 | 3 |
| | 0953 | 1.5 | 46 |
| **28** W | 0144 | 0.4 | 12 |
| | 0948 | 1.3 | 40 |
| | 1653 | 0.7 | 21 |
| | 2132 | 0.9 | 27 |
| **29** Th | 0302 | 0.6 | 18 |
| | 0934 | 1.1 | 34 |
| | 1648 | 0.3 | 9 |
| **30** F | 0010 | 1.1 | 34 |
| | 0455 | 0.9 | 27 |
| | 0905 | 1.0 | 30 |
| | 1711 | −0.1 | −3 |
| **31** Sa | 0147 | 1.3 | 40 |
| | 1747 | −0.6 | −18 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0302 | 1.5 | 46 |
| | 1830 | −1.0 | −30 |
| **2** M | 0409 | 1.7 | 52 |
| | 1918 | −1.2 | −37 |
| **3** Tu ● | 0514 | 1.8 | 55 |
| | 2009 | −1.4 | −43 |
| **4** W | 0619 | 1.8 | 55 |
| | 2103 | −1.3 | −40 |
| **5** Th | 0720 | 1.8 | 55 |
| | 2157 | −1.2 | −37 |
| **6** F | 0813 | 1.7 | 52 |
| | 2251 | −0.9 | −27 |
| **7** Sa | 0848 | 1.6 | 49 |
| | 2344 | −0.5 | −15 |
| **8** Su | 0904 | 1.5 | 46 |
| **9** M | 0036 | −0.1 | −3 |
| | 0906 | 1.3 | 40 |
| | 1540 | 0.8 | 24 |
| | 1748 | 0.9 | 27 |
| **10** Tu ◐ | 0130 | 0.3 | 9 |
| | 0901 | 1.2 | 37 |
| | 1548 | 0.6 | 18 |
| | 2126 | 0.9 | 27 |
| **11** W | 0229 | 0.7 | 21 |
| | 0848 | 1.1 | 34 |
| | 1619 | 0.2 | 6 |
| **12** Th | 0019 | 1.0 | 30 |
| | 0358 | 0.9 | 27 |
| | 0820 | 1.1 | 34 |
| | 1655 | −0.1 | −3 |
| **13** F | 0208 | 1.2 | 37 |
| | 1732 | −0.3 | −9 |
| **14** Sa | 0312 | 1.3 | 40 |
| | 1809 | −0.5 | −15 |
| **15** Su | 0403 | 1.4 | 43 |
| | 1845 | −0.6 | −18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0449 | 1.4 | 43 |
| | 1922 | −0.7 | −21 |
| **17** Tu | 0535 | 1.4 | 43 |
| | 1957 | −0.7 | −21 |
| **18** W ○ | 0619 | 1.5 | 46 |
| | 2032 | −0.7 | −21 |
| **19** Th | 0701 | 1.5 | 46 |
| | 2105 | −0.6 | −18 |
| **20** F | 0734 | 1.5 | 46 |
| | 2138 | −0.5 | −15 |
| **21** Sa | 0757 | 1.5 | 46 |
| | 2212 | −0.4 | −12 |
| **22** Su | 0810 | 1.5 | 46 |
| | 2248 | −0.3 | −9 |
| **23** M | 0813 | 1.4 | 43 |
| | 2327 | −0.1 | −3 |
| **24** Tu | 0810 | 1.3 | 40 |
| **25** W | 0011 | 0.2 | 6 |
| | 0800 | 1.1 | 34 |
| | 1503 | 0.5 | 15 |
| | 1955 | 0.7 | 21 |
| **26** Th ◑ | 0105 | 0.5 | 15 |
| | 0741 | 1.0 | 30 |
| | 1517 | 0.1 | 3 |
| | 2323 | 0.9 | 27 |
| **27** F | 0232 | 0.8 | 24 |
| | 0703 | 0.9 | 27 |
| | 1551 | −0.3 | −9 |
| **28** Sa | 0128 | 1.1 | 34 |
| | 1634 | −0.7 | −21 |
| **29** Su | 0239 | 1.4 | 43 |
| | 1724 | −1.1 | −34 |
| **30** M | 0340 | 1.6 | 49 |
| | 1817 | −1.3 | −40 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Padre Island (south end), Texas, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0438 | 1.7 | 52 |
| | 1912 | −1.4 | −43 |
| **2** W ● | 0534 | 1.7 | 52 |
| | 2007 | −1.4 | −43 |
| **3** Th | 0625 | 1.7 | 52 |
| | 2101 | −1.2 | −37 |
| **4** F | 0703 | 1.6 | 49 |
| | 2152 | −1.0 | −30 |
| **5** Sa | 0724 | 1.4 | 43 |
| | 2240 | −0.6 | −18 |
| **6** Su | 0729 | 1.3 | 40 |
| | 1228 | 1.0 | 30 |
| | 1442 | 1.1 | 34 |
| | 2326 | −0.2 | −6 |
| **7** M | 0725 | 1.1 | 34 |
| | 1301 | 0.8 | 24 |
| | 1701 | 0.9 | 27 |
| **8** Tu | 0010 | 0.2 | 6 |
| | 0716 | 1.0 | 30 |
| | 1345 | 0.4 | 12 |
| | 1936 | 0.8 | 24 |
| **9** W ◐ | 0052 | 0.5 | 15 |
| | 0701 | 1.0 | 30 |
| | 1432 | 0.1 | 3 |
| | 2248 | 0.9 | 27 |
| **10** Th | 0137 | 0.8 | 24 |
| | 0630 | 1.0 | 30 |
| | 1520 | −0.1 | −3 |
| **11** F | 0157 | 1.1 | 34 |
| | 1608 | −0.3 | −9 |
| **12** Sa | 0248 | 1.2 | 37 |
| | 1655 | −0.5 | −15 |
| **13** Su | 0331 | 1.3 | 40 |
| | 1742 | −0.6 | −18 |
| **14** M | 0413 | 1.4 | 43 |
| | 1826 | −0.6 | −18 |
| **15** Tu | 0454 | 1.4 | 43 |
| | 1908 | −0.6 | −18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0532 | 1.4 | 43 |
| | 1945 | −0.6 | −18 |
| **17** Th | 0604 | 1.5 | 46 |
| | 2019 | −0.6 | −18 |
| **18** F ○ | 0626 | 1.5 | 46 |
| | 2052 | −0.5 | −15 |
| **19** Sa | 0637 | 1.5 | 46 |
| | 2125 | −0.4 | −12 |
| **20** Su | 0640 | 1.4 | 43 |
| | 2159 | −0.2 | −6 |
| **21** M | 0637 | 1.3 | 40 |
| | 2236 | 0.0 | 0 |
| **22** Tu | 0629 | 1.1 | 34 |
| | 1222 | 0.8 | 24 |
| | 1616 | 0.9 | 27 |
| | 2318 | 0.2 | 6 |
| **23** W | 0615 | 1.0 | 30 |
| | 1246 | 0.4 | 12 |
| | 1846 | 0.8 | 24 |
| **24** Th | 0005 | 0.5 | 15 |
| | 0553 | 0.9 | 27 |
| | 1324 | 0.0 | 0 |
| | 2145 | 0.9 | 27 |
| **25** F ◑ | 0106 | 0.8 | 24 |
| | 0510 | 1.0 | 30 |
| | 1412 | −0.3 | −9 |
| **26** Sa | 0043 | 1.2 | 37 |
| | 1508 | −0.7 | −21 |
| **27** Su | 0202 | 1.4 | 43 |
| | 1608 | −0.9 | −27 |
| **28** M | 0300 | 1.6 | 49 |
| | 1711 | −1.1 | −34 |
| **29** Tu | 0354 | 1.7 | 52 |
| | 1812 | −1.1 | −34 |
| **30** W | 0443 | 1.7 | 52 |
| | 1911 | −1.1 | −34 |
| **31** Th | 0523 | 1.7 | 52 |
| | 2005 | −0.9 | −27 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0546 | 1.6 | 49 |
| | 2056 | −0.7 | −21 |
| **2** Sa | 0553 | 1.4 | 43 |
| | 0944 | 1.3 | 40 |
| | 1303 | 1.4 | 43 |
| | 2144 | −0.3 | −9 |
| **3** Su | 0550 | 1.2 | 37 |
| | 1014 | 1.0 | 30 |
| | 1447 | 1.2 | 37 |
| | 2230 | 0.0 | 0 |
| **4** M | 0542 | 1.1 | 34 |
| | 1055 | 0.7 | 21 |
| | 1627 | 1.1 | 34 |
| | 2313 | 0.4 | 12 |
| **5** Tu | 0531 | 1.0 | 30 |
| | 1140 | 0.4 | 12 |
| | 1816 | 1.1 | 34 |
| | 2357 | 0.7 | 21 |
| **6** W | 0513 | 1.0 | 30 |
| | 1228 | 0.2 | 6 |
| | 2029 | 1.1 | 34 |
| **7** Th | 0043 | 1.0 | 30 |
| | 0441 | 1.1 | 34 |
| | 1320 | 0.0 | 0 |
| | 2341 | 1.2 | 37 |
| **8** F ◐ | 1415 | −0.1 | −3 |
| **9** Sa | 0144 | 1.3 | 40 |
| | 1514 | −0.2 | −6 |
| **10** Su | 0233 | 1.4 | 43 |
| | 1615 | −0.2 | −6 |
| **11** M | 0317 | 1.5 | 46 |
| | 1712 | −0.2 | −6 |
| **12** Tu | 0356 | 1.6 | 49 |
| | 1802 | −0.2 | −6 |
| **13** W | 0428 | 1.6 | 49 |
| | 1846 | −0.2 | −6 |
| **14** Th | 0449 | 1.6 | 49 |
| | 1924 | −0.2 | −6 |
| **15** F | 0500 | 1.6 | 49 |
| | 2001 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0502 | 1.6 | 49 |
| | 2037 | 0.0 | 0 |
| **17** Su | 0459 | 1.5 | 46 |
| | 0939 | 1.3 | 40 |
| | 1307 | 1.4 | 43 |
| | 2115 | 0.2 | 6 |
| **18** M | 0452 | 1.3 | 40 |
| | 0953 | 1.0 | 30 |
| | 1442 | 1.3 | 40 |
| | 2157 | 0.4 | 12 |
| **19** Tu | 0441 | 1.2 | 37 |
| | 1018 | 0.7 | 21 |
| | 1618 | 1.3 | 40 |
| | 2245 | 0.6 | 18 |
| **20** W | 0424 | 1.1 | 34 |
| | 1052 | 0.4 | 12 |
| | 1804 | 1.3 | 40 |
| | 2342 | 0.9 | 27 |
| **21** Th | 0357 | 1.1 | 34 |
| | 1135 | 0.1 | 3 |
| | 2009 | 1.3 | 40 |
| **22** F | 1228 | −0.2 | −6 |
| | 2241 | 1.5 | 46 |
| **23** Sa ◑ | 1329 | −0.4 | −12 |
| **24** Su | 0040 | 1.7 | 52 |
| | 1439 | −0.5 | −15 |
| **25** M | 0152 | 1.9 | 58 |
| | 1551 | −0.6 | −18 |
| **26** Tu | 0247 | 1.9 | 58 |
| | 1702 | −0.5 | −15 |
| **27** W | 0330 | 1.9 | 58 |
| | 1807 | −0.4 | −12 |
| **28** Th | 0358 | 1.9 | 58 |
| | 1907 | −0.3 | −9 |
| **29** F | 0409 | 1.7 | 52 |
| | 0806 | 1.6 | 49 |
| | 1115 | 1.7 | 52 |
| | 2001 | 0.0 | 0 |
| **30** Sa ● | 0408 | 1.5 | 46 |
| | 0817 | 1.3 | 40 |
| | 1306 | 1.6 | 49 |
| | 2052 | 0.3 | 9 |
| **31** Su | 0401 | 1.4 | 43 |
| | 0847 | 1.1 | 34 |
| | 1437 | 1.6 | 49 |
| | 2142 | 0.6 | 18 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0350 | 1.3 | 40 |
| | 0923 | 0.8 | 24 |
| | 1602 | 1.6 | 49 |
| | 2232 | 0.9 | 27 |
| **2** Tu | 0336 | 1.2 | 37 |
| | 1001 | 0.5 | 15 |
| | 1727 | 1.6 | 49 |
| | 2326 | 1.1 | 34 |
| **3** W | 0312 | 1.2 | 37 |
| | 1041 | 0.3 | 9 |
| | 1859 | 1.5 | 46 |
| **4** Th | 1124 | 0.2 | 6 |
| | 2049 | 1.6 | 49 |
| **5** F | 1213 | 0.2 | 6 |
| | 2308 | 1.6 | 49 |
| **6** Sa | 1309 | 0.2 | 6 |
| **7** Su ◐ | 0049 | 1.7 | 52 |
| | 1414 | 0.2 | 6 |
| **8** M | 0148 | 1.8 | 55 |
| | 1523 | 0.3 | 9 |
| **9** Tu | 0228 | 1.9 | 58 |
| | 1627 | 0.3 | 9 |
| **10** W | 0255 | 1.9 | 58 |
| | 1722 | 0.4 | 12 |
| **11** Th | 0309 | 1.9 | 58 |
| | 1810 | 0.4 | 12 |
| **12** F | 0313 | 1.9 | 58 |
| | 1855 | 0.5 | 15 |
| **13** Sa | 0310 | 1.8 | 55 |
| | 0800 | 1.6 | 49 |
| | 1146 | 1.7 | 52 |
| | 1940 | 0.6 | 18 |
| **14** Su | 0304 | 1.7 | 52 |
| | 0805 | 1.3 | 40 |
| | 1319 | 1.7 | 52 |
| | 2028 | 0.8 | 24 |
| **15** M ○ | 0255 | 1.5 | 46 |
| | 0824 | 1.0 | 30 |
| | 1442 | 1.7 | 52 |
| | 2122 | 0.9 | 27 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0241 | 1.4 | 43 |
| | 0851 | 0.7 | 21 |
| | 1604 | 1.8 | 55 |
| | 2225 | 1.1 | 34 |
| **17** W | 0218 | 1.3 | 40 |
| | 0926 | 0.4 | 12 |
| | 1730 | 1.8 | 55 |
| **18** Th | 1008 | 0.1 | 3 |
| | 1904 | 1.9 | 58 |
| **19** F | 1058 | −0.1 | −3 |
| | 2053 | 2.0 | 61 |
| **20** Sa | 1157 | −0.2 | −6 |
| | 2246 | 2.1 | 64 |
| **21** Su ◑ | 1304 | −0.2 | −6 |
| **22** M | 0014 | 2.2 | 67 |
| | 1419 | −0.1 | −3 |
| **23** Tu | 0114 | 2.2 | 67 |
| | 1535 | 0.0 | 0 |
| **24** W | 0152 | 2.2 | 67 |
| | 1649 | 0.2 | 6 |
| **25** Th | 0211 | 2.1 | 64 |
| | 1757 | 0.4 | 12 |
| **26** F | 0215 | 1.9 | 58 |
| | 0700 | 1.7 | 52 |
| | 1114 | 1.8 | 55 |
| | 1859 | 0.7 | 21 |
| **27** Sa | 0210 | 1.7 | 52 |
| | 0714 | 1.4 | 43 |
| | 1302 | 1.9 | 58 |
| | 1959 | 1.0 | 30 |
| **28** Su | 0201 | 1.6 | 49 |
| | 0742 | 1.1 | 34 |
| | 1428 | 1.9 | 58 |
| | 2100 | 1.2 | 37 |
| **29** M ● | 0147 | 1.5 | 46 |
| | 0814 | 0.8 | 24 |
| | 1545 | 2.0 | 61 |
| | 2207 | 1.4 | 43 |
| **30** Tu | 0123 | 1.5 | 46 |
| | 0847 | 0.5 | 15 |
| | 1657 | 2.0 | 61 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Padre Island (south end), Texas, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 W | 0921 | 0.3 | 9 |
| | 1807 | 2.0 | 61 |
| 2 Th | 0957 | 0.3 | 9 |
| | 1923 | 2.0 | 61 |
| 3 F | 1036 | 0.3 | 9 |
| | 2051 | 2.0 | 61 |
| 4 Sa | 1121 | 0.3 | 9 |
| | 2229 | 2.0 | 61 |
| 5 Su | 1212 | 0.4 | 12 |
| | 2346 | 2.1 | 64 |
| 6 M | 1312 | 0.6 | 18 |
| 7 Tu ◐ | 0034 | 2.1 | 64 |
| | 1416 | 0.7 | 21 |
| 8 W | 0101 | 2.2 | 67 |
| | 1521 | 0.8 | 24 |
| 9 Th | 0112 | 2.1 | 64 |
| | 1623 | 0.9 | 27 |
| 10 F | 0113 | 2.1 | 64 |
| | 1723 | 1.0 | 30 |
| 11 Sa | 0108 | 2.0 | 61 |
| | 0651 | 1.6 | 49 |
| | 1128 | 1.8 | 55 |
| | 1825 | 1.1 | 34 |
| 12 Su | 0101 | 1.8 | 55 |
| | 0653 | 1.3 | 40 |
| | 1306 | 1.9 | 58 |
| | 1931 | 1.3 | 40 |
| 13 M | 0048 | 1.6 | 49 |
| | 0712 | 0.9 | 27 |
| | 1427 | 2.0 | 61 |
| | 2046 | 1.4 | 43 |
| 14 Tu ○ | 0027 | 1.5 | 46 |
| | 0740 | 0.5 | 15 |
| | 1542 | 2.1 | 64 |
| 15 W | 0815 | 0.2 | 6 |
| | 1657 | 2.2 | 67 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 Th | 0857 | −0.1 | −3 |
| | 1815 | 2.3 | 70 |
| 17 F | 0946 | −0.3 | −9 |
| | 1940 | 2.4 | 73 |
| 18 Sa | 1040 | −0.3 | −9 |
| | 2109 | 2.4 | 73 |
| 19 Su | 1141 | −0.2 | −6 |
| | 2229 | 2.4 | 73 |
| 20 M | 1247 | −0.1 | −3 |
| | 2327 | 2.4 | 73 |
| 21 Tu ◑ | 1358 | 0.2 | 6 |
| 22 W | 0001 | 2.3 | 70 |
| | 1512 | 0.5 | 15 |
| 23 Th | 0014 | 2.1 | 64 |
| | 1626 | 0.8 | 24 |
| 24 F | 0014 | 1.9 | 58 |
| | 0559 | 1.5 | 46 |
| | 1057 | 1.8 | 55 |
| | 1741 | 1.1 | 34 |
| 25 Sa | 0007 | 1.8 | 55 |
| | 0616 | 1.2 | 37 |
| | 1254 | 1.9 | 58 |
| | 1858 | 1.4 | 43 |
| | 2353 | 1.7 | 52 |
| 26 Su | 0644 | 0.9 | 27 |
| | 1421 | 2.0 | 61 |
| | 2025 | 1.5 | 46 |
| | 2327 | 1.6 | 49 |
| 27 M | 0715 | 0.6 | 18 |
| | 1533 | 2.1 | 64 |
| 28 Tu ● | 0746 | 0.3 | 9 |
| | 1636 | 2.1 | 64 |
| 29 W | 0819 | 0.2 | 6 |
| | 1736 | 2.1 | 64 |
| 30 Th | 0853 | 0.1 | 3 |
| | 1835 | 2.1 | 64 |
| 31 F | 0928 | 0.1 | 3 |
| | 1939 | 2.1 | 64 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Sa | 1006 | 0.2 | 6 |
| | 2047 | 2.1 | 64 |
| 2 Su | 1046 | 0.3 | 9 |
| | 2151 | 2.1 | 64 |
| 3 M | 1130 | 0.4 | 12 |
| | 2236 | 2.2 | 67 |
| 4 Tu | 1217 | 0.6 | 18 |
| | 2301 | 2.2 | 67 |
| 5 W ◐ | 1308 | 0.7 | 21 |
| | 2310 | 2.1 | 64 |
| 6 Th | 1406 | 0.9 | 27 |
| | 2310 | 2.0 | 61 |
| 7 F | 1514 | 1.1 | 34 |
| | 2305 | 1.9 | 58 |
| 8 Sa | 0551 | 1.4 | 43 |
| | 1042 | 1.6 | 49 |
| | 1634 | 1.2 | 37 |
| | 2254 | 1.7 | 52 |
| 9 Su | 0546 | 1.0 | 30 |
| | 1241 | 1.7 | 52 |
| | 1809 | 1.4 | 43 |
| | 2235 | 1.6 | 49 |
| 10 M | 0604 | 0.6 | 18 |
| | 1405 | 1.9 | 58 |
| 11 Tu | 0634 | 0.2 | 6 |
| | 1517 | 2.1 | 64 |
| 12 W | 0711 | −0.2 | −6 |
| | 1625 | 2.2 | 67 |
| 13 Th ○ | 0755 | −0.5 | −15 |
| | 1734 | 2.3 | 70 |
| 14 F | 0844 | −0.7 | −21 |
| | 1845 | 2.4 | 73 |
| 15 Sa | 0937 | −0.7 | −21 |
| | 1957 | 2.4 | 73 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 Su | 1033 | −0.6 | −18 |
| | 2101 | 2.3 | 70 |
| 17 M | 1131 | −0.3 | −9 |
| | 2148 | 2.2 | 67 |
| 18 Tu | 1231 | 0.0 | 0 |
| | 2213 | 2.1 | 64 |
| 19 W ◑ | 1332 | 0.4 | 12 |
| | 2219 | 1.9 | 58 |
| 20 Th | 1438 | 0.8 | 24 |
| | 2216 | 1.7 | 52 |
| 21 F | 0447 | 1.2 | 37 |
| | 1013 | 1.5 | 46 |
| | 1554 | 1.1 | 34 |
| | 2204 | 1.6 | 49 |
| 22 Sa | 0510 | 0.8 | 24 |
| | 1236 | 1.6 | 49 |
| | 1731 | 1.4 | 43 |
| | 2142 | 1.6 | 49 |
| 23 Su | 0542 | 0.5 | 15 |
| | 1412 | 1.8 | 55 |
| 24 M | 0616 | 0.2 | 6 |
| | 1521 | 1.9 | 58 |
| 25 Tu | 0651 | −0.1 | −3 |
| | 1618 | 2.0 | 61 |
| 26 W | 0726 | −0.2 | −6 |
| | 1710 | 2.0 | 61 |
| 27 Th ● | 0801 | −0.2 | −6 |
| | 1801 | 2.0 | 61 |
| 28 F | 0837 | −0.2 | −6 |
| | 1853 | 1.9 | 58 |
| 29 Sa | 0912 | −0.2 | −6 |
| | 1944 | 1.9 | 58 |
| 30 Su | 0947 | −0.1 | −3 |
| | 2029 | 2.0 | 61 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 M | 1022 | 0.0 | 0 |
| | 2100 | 2.0 | 61 |
| 2 Tu | 1058 | 0.2 | 6 |
| | 2117 | 1.9 | 58 |
| 3 W | 1135 | 0.3 | 9 |
| | 2121 | 1.9 | 58 |
| 4 Th | 1215 | 0.5 | 15 |
| | 2118 | 1.8 | 55 |
| 5 F ◐ | 1304 | 0.7 | 21 |
| | 2109 | 1.6 | 49 |
| 6 Sa | 0435 | 1.0 | 30 |
| | 0912 | 1.1 | 34 |
| | 1409 | 1.0 | 30 |
| | 2054 | 1.5 | 46 |
| 7 Su | 0429 | 0.6 | 18 |
| | 1207 | 1.3 | 40 |
| | 1559 | 1.2 | 37 |
| | 2025 | 1.3 | 40 |
| 8 M | 0451 | 0.2 | 6 |
| | 1344 | 1.5 | 46 |
| 9 Tu | 0525 | −0.2 | −6 |
| | 1453 | 1.8 | 55 |
| 10 W | 0607 | −0.6 | −18 |
| | 1555 | 1.9 | 58 |
| 11 Th | 0655 | −0.9 | −27 |
| | 1657 | 2.1 | 64 |
| 12 F ○ | 0747 | −1.1 | −34 |
| | 1759 | 2.1 | 64 |
| 13 Sa | 0840 | −1.1 | −34 |
| | 1858 | 2.1 | 64 |
| 14 Su | 0934 | −1.0 | −30 |
| | 1948 | 2.0 | 61 |
| 15 M | 1028 | −0.7 | −21 |
| | 2021 | 1.9 | 58 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 Tu | 1120 | −0.4 | −12 |
| | 2034 | 1.7 | 52 |
| 17 W | 1211 | 0.0 | 0 |
| | 2034 | 1.5 | 46 |
| 18 Th | 0241 | 1.1 | 34 |
| | 0529 | 1.2 | 37 |
| | 1302 | 0.4 | 12 |
| | 2026 | 1.4 | 43 |
| 19 F ◑ | 0306 | 0.7 | 21 |
| | 0848 | 1.1 | 34 |
| | 1358 | 0.8 | 24 |
| | 2011 | 1.3 | 40 |
| 20 Sa | 0344 | 0.4 | 12 |
| | 1152 | 1.2 | 37 |
| | 1520 | 1.1 | 34 |
| | 1941 | 1.3 | 40 |
| 21 Su | 0425 | 0.0 | 0 |
| | 1356 | 1.4 | 43 |
| 22 M | 0508 | −0.2 | −6 |
| | 1502 | 1.5 | 46 |
| 23 Tu | 0550 | −0.4 | −12 |
| | 1553 | 1.6 | 49 |
| 24 W | 0632 | −0.5 | −15 |
| | 1640 | 1.6 | 49 |
| 25 Th | 0713 | −0.6 | −18 |
| | 1726 | 1.6 | 49 |
| 26 F | 0752 | −0.6 | −18 |
| | 1810 | 1.6 | 49 |
| 27 Sa ● | 0828 | −0.5 | −15 |
| | 1850 | 1.6 | 49 |
| 28 Su | 0901 | −0.4 | −12 |
| | 1921 | 1.6 | 49 |
| 29 M | 0932 | −0.3 | −9 |
| | 1940 | 1.6 | 49 |
| 30 Tu | 1002 | −0.2 | −6 |
| | 1946 | 1.6 | 49 |
| 31 W | 1033 | −0.1 | −3 |
| | 1944 | 1.5 | 46 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Tampico Harbor (Madero), Mexico, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0312 | 0.1 | 3 |
| | 1504 | 1.0 | 30 |
| **2** W | 0355 | −0.1 | −3 |
| | 1450 | 1.2 | 37 |
| **3** Th | 0438 | −0.3 | −9 |
| | 1516 | 1.3 | 40 |
| **4** F | 0521 | −0.4 | −12 |
| | 1545 | 1.3 | 40 |
| **5** Sa | 0605 | −0.5 | −15 |
| | 1616 | 1.3 | 40 |
| **6** Su | 0649 | −0.6 | −18 |
| | 1645 | 1.3 | 40 |
| **7** M | 0730 | −0.6 | −18 |
| | 1713 | 1.3 | 40 |
| **8** Tu ● | 0806 | −0.6 | −18 |
| | 1736 | 1.3 | 40 |
| **9** W | 0840 | −0.5 | −15 |
| | 1752 | 1.3 | 40 |
| **10** Th | 0914 | −0.4 | −12 |
| | 1803 | 1.3 | 40 |
| **11** F | 0949 | −0.2 | −6 |
| | 1809 | 1.3 | 40 |
| **12** Sa | 0029 | 0.9 | 27 |
| | 0234 | 1.0 | 30 |
| | 1028 | 0.1 | 3 |
| | 1812 | 1.2 | 37 |
| **13** Su | 0031 | 0.8 | 24 |
| | 0420 | 0.9 | 27 |
| | 1117 | 0.3 | 9 |
| | 1813 | 1.1 | 34 |
| **14** M | 0055 | 0.5 | 15 |
| | 0626 | 0.9 | 27 |
| | 1211 | 0.6 | 18 |
| | 1810 | 1.1 | 34 |
| **15** Tu ◐ | 0131 | 0.2 | 6 |
| | 1033 | 0.9 | 27 |
| | 1303 | 0.8 | 24 |
| | 1752 | 1.1 | 34 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0218 | −0.1 | −3 |
| | 1329 | 1.2 | 37 |
| **17** Th | 0317 | −0.4 | −12 |
| | 1423 | 1.4 | 43 |
| **18** F | 0419 | −0.7 | −21 |
| | 1505 | 1.5 | 46 |
| **19** Sa | 0521 | −0.9 | −27 |
| | 1546 | 1.5 | 46 |
| **20** Su | 0623 | −0.9 | −27 |
| | 1627 | 1.5 | 46 |
| **21** M | 0722 | −0.9 | −27 |
| | 1703 | 1.4 | 43 |
| **22** Tu ○ | 0813 | −0.8 | −24 |
| | 1729 | 1.2 | 37 |
| **23** W | 0858 | −0.6 | −18 |
| | 1740 | 1.1 | 34 |
| | 2210 | 0.9 | 27 |
| **24** Th | 0148 | 1.0 | 30 |
| | 0938 | −0.4 | −12 |
| | 1741 | 1.0 | 30 |
| | 2234 | 0.8 | 24 |
| **25** F | 0307 | 0.9 | 27 |
| | 1018 | −0.1 | −3 |
| | 1738 | 0.9 | 27 |
| | 2314 | 0.6 | 18 |
| **26** Sa | 0424 | 0.9 | 27 |
| | 1100 | 0.2 | 6 |
| | 1736 | 0.9 | 27 |
| | 2358 | 0.4 | 12 |
| **27** Su | 0554 | 0.8 | 24 |
| | 1143 | 0.5 | 15 |
| | 1731 | 0.9 | 27 |
| **28** M | 0037 | 0.2 | 6 |
| | 0741 | 0.8 | 24 |
| | 1221 | 0.7 | 21 |
| | 1718 | 0.9 | 27 |
| **29** Tu ◑ | 0116 | 0.0 | 0 |
| | 1627 | 1.0 | 30 |
| **30** W | 0200 | −0.1 | −3 |
| | 1443 | 1.1 | 34 |
| **31** Th | 0253 | −0.2 | −6 |
| | 1444 | 1.2 | 37 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0352 | −0.3 | −9 |
| | 1507 | 1.3 | 40 |
| **2** Sa | 0448 | −0.4 | −12 |
| | 1532 | 1.3 | 40 |
| **3** Su | 0540 | −0.4 | −12 |
| | 1556 | 1.3 | 40 |
| **4** M | 0630 | −0.4 | −12 |
| | 1616 | 1.3 | 40 |
| **5** Tu | 0714 | −0.4 | −12 |
| | 1630 | 1.3 | 40 |
| **6** W ● | 0753 | −0.4 | −12 |
| | 1636 | 1.3 | 40 |
| **7** Th | 0829 | −0.2 | −6 |
| | 1638 | 1.3 | 40 |
| | 2132 | 1.0 | 30 |
| **8** F | 0112 | 1.1 | 34 |
| | 0905 | −0.1 | −3 |
| | 1638 | 1.2 | 37 |
| | 2148 | 0.8 | 24 |
| **9** Sa | 0241 | 1.1 | 34 |
| | 0942 | 0.2 | 6 |
| | 1639 | 1.1 | 34 |
| | 2219 | 0.6 | 18 |
| **10** Su | 0402 | 1.1 | 34 |
| | 1025 | 0.4 | 12 |
| | 1639 | 1.1 | 34 |
| | 2304 | 0.3 | 9 |
| **11** M | 0541 | 1.0 | 30 |
| | 1124 | 0.7 | 21 |
| | 1634 | 1.0 | 30 |
| | 2355 | 0.0 | 0 |
| **12** Tu | 0747 | 1.1 | 34 |
| | 1239 | 1.0 | 30 |
| | 1614 | 1.1 | 34 |
| **13** W ◐ | 0048 | −0.2 | −6 |
| | 1142 | 1.2 | 37 |
| **14** Th | 0144 | −0.4 | −12 |
| | 1322 | 1.4 | 43 |
| **15** F | 0251 | −0.6 | −18 |
| | 1420 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0406 | −0.6 | −18 |
| | 1502 | 1.5 | 46 |
| **17** Su | 0517 | −0.6 | −18 |
| | 1537 | 1.5 | 46 |
| **18** M | 0624 | −0.6 | −18 |
| | 1604 | 1.4 | 43 |
| **19** Tu | 0724 | −0.5 | −15 |
| | 1617 | 1.2 | 37 |
| | 2051 | 1.0 | 30 |
| | 2354 | 1.1 | 34 |
| **20** W ○ | 0812 | −0.3 | −9 |
| | 1616 | 1.1 | 34 |
| | 2054 | 0.8 | 24 |
| **21** Th | 0125 | 1.1 | 34 |
| | 0852 | −0.1 | −3 |
| | 1608 | 1.0 | 30 |
| | 2108 | 0.7 | 21 |
| **22** F | 0240 | 1.1 | 34 |
| | 0927 | 0.1 | 3 |
| | 1602 | 0.9 | 27 |
| | 2130 | 0.5 | 15 |
| **23** Sa | 0345 | 1.1 | 34 |
| | 1002 | 0.4 | 12 |
| | 1600 | 0.9 | 27 |
| | 2200 | 0.3 | 9 |
| **24** Su | 0455 | 1.0 | 30 |
| | 1041 | 0.6 | 18 |
| | 1556 | 0.9 | 27 |
| | 2240 | 0.2 | 6 |
| **25** M | 0613 | 1.0 | 30 |
| | 1133 | 0.8 | 24 |
| | 1547 | 0.9 | 27 |
| | 2327 | 0.0 | 0 |
| **26** Tu | 0752 | 1.0 | 30 |
| | 1237 | 0.9 | 27 |
| | 1518 | 1.0 | 30 |
| **27** W | 0016 | −0.1 | −3 |
| | 1130 | 1.1 | 34 |
| **28** Th ◑ | 0105 | −0.1 | −3 |
| | 1304 | 1.2 | 37 |
| **29** F | 0158 | −0.2 | −6 |
| | 1402 | 1.3 | 40 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0302 | −0.1 | −3 |
| | 1433 | 1.4 | 43 |
| **2** Su | 0410 | −0.1 | −3 |
| | 1456 | 1.4 | 43 |
| **3** M | 0510 | −0.1 | −3 |
| | 1512 | 1.4 | 43 |
| **4** Tu | 0604 | −0.1 | −3 |
| | 1518 | 1.4 | 43 |
| **5** W | 0654 | 0.0 | 0 |
| | 1516 | 1.4 | 43 |
| | 2025 | 1.1 | 34 |
| | 2333 | 1.2 | 37 |
| **6** Th | 0740 | 0.1 | 3 |
| | 1511 | 1.3 | 40 |
| | 2021 | 0.9 | 27 |
| **7** F ● | 0102 | 1.2 | 37 |
| | 0823 | 0.2 | 6 |
| | 1507 | 1.2 | 37 |
| | 2035 | 0.7 | 21 |
| **8** Sa | 0226 | 1.3 | 40 |
| | 0905 | 0.4 | 12 |
| | 1505 | 1.1 | 34 |
| | 2100 | 0.4 | 12 |
| **9** Su | 0340 | 1.3 | 40 |
| | 0951 | 0.7 | 21 |
| | 1504 | 1.1 | 34 |
| | 2134 | 0.1 | 3 |
| **10** M | 0503 | 1.3 | 40 |
| | 1056 | 0.9 | 27 |
| | 1500 | 1.1 | 34 |
| | 2219 | −0.1 | −3 |
| **11** Tu | 0640 | 1.4 | 43 |
| | 2317 | −0.3 | −9 |
| **12** W | 0951 | 1.4 | 43 |
| **13** Th | 0019 | −0.4 | −12 |
| | 1132 | 1.5 | 46 |
| **14** F ◐ | 0123 | −0.5 | −15 |
| | 1247 | 1.6 | 49 |
| **15** Sa | 0235 | −0.4 | −12 |
| | 1353 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0357 | −0.3 | −9 |
| | 1433 | 1.5 | 46 |
| **17** M | 0514 | −0.2 | −6 |
| | 1455 | 1.4 | 43 |
| **18** Tu | 0623 | 0.0 | 0 |
| | 1500 | 1.2 | 37 |
| | 1950 | 1.0 | 30 |
| | 2335 | 1.2 | 37 |
| **19** W | 0723 | 0.1 | 3 |
| | 1449 | 1.1 | 34 |
| | 1955 | 0.8 | 24 |
| **20** Th | 0102 | 1.2 | 37 |
| | 0810 | 0.3 | 9 |
| | 1435 | 1.0 | 30 |
| | 2010 | 0.6 | 18 |
| **21** F ○ | 0218 | 1.2 | 37 |
| | 0849 | 0.5 | 15 |
| | 1427 | 1.0 | 30 |
| | 2028 | 0.4 | 12 |
| **22** Sa | 0319 | 1.3 | 40 |
| | 0924 | 0.7 | 21 |
| | 1424 | 1.0 | 30 |
| | 2051 | 0.2 | 6 |
| **23** Su | 0417 | 1.3 | 40 |
| | 1002 | 0.8 | 24 |
| | 1420 | 1.0 | 30 |
| | 2118 | 0.1 | 3 |
| **24** M | 0520 | 1.3 | 40 |
| | 1104 | 0.9 | 27 |
| | 1410 | 1.0 | 30 |
| | 2151 | 0.0 | 0 |
| **25** Tu | 0627 | 1.3 | 40 |
| | 2232 | −0.1 | −3 |
| **26** W | 0752 | 1.2 | 37 |
| | 2323 | −0.1 | −3 |
| **27** Th | 1047 | 1.3 | 40 |
| **28** F | 0018 | −0.1 | −3 |
| | 1140 | 1.4 | 43 |
| **29** Sa ◑ | 0112 | 0.0 | 0 |
| | 1230 | 1.4 | 43 |
| **30** Su | 0211 | 0.1 | 3 |
| | 1314 | 1.5 | 46 |
| **31** M | 0320 | 0.2 | 6 |
| | 1338 | 1.5 | 46 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Tampico Harbor (Madero), Mexico, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0428 | 0.3 | 9 |
| | 1343 | 1.5 | 46 |
| **2** W | 0531 | 0.4 | 12 |
| | 1336 | 1.4 | 43 |
| | 1918 | 1.1 | 34 |
| | 2306 | 1.2 | 37 |
| **3** Th | 0633 | 0.5 | 15 |
| | 1327 | 1.3 | 40 |
| | 1910 | 0.9 | 27 |
| **4** F | 0035 | 1.3 | 40 |
| | 0734 | 0.6 | 18 |
| | 1322 | 1.2 | 37 |
| | 1926 | 0.6 | 18 |
| **5** Sa ● | 0203 | 1.4 | 43 |
| | 0829 | 0.7 | 21 |
| | 1319 | 1.1 | 34 |
| | 1954 | 0.3 | 9 |
| **6** Su | 0316 | 1.5 | 46 |
| | 0924 | 0.9 | 27 |
| | 1316 | 1.1 | 34 |
| | 2028 | −0.1 | −3 |
| **7** M | 0429 | 1.6 | 49 |
| | 1042 | 1.0 | 30 |
| | 1300 | 1.1 | 34 |
| | 2108 | −0.3 | −9 |
| **8** Tu | 0552 | 1.6 | 49 |
| | 2156 | −0.5 | −15 |
| **9** W | 0723 | 1.6 | 49 |
| | 2254 | −0.6 | −18 |
| **10** Th | 0953 | 1.6 | 49 |
| **11** F | 0001 | −0.5 | −15 |
| | 1109 | 1.6 | 49 |
| **12** Sa ◐ | 0108 | −0.4 | −12 |
| | 1202 | 1.5 | 46 |
| **13** Su | 0219 | −0.1 | −3 |
| | 1246 | 1.4 | 43 |
| **14** M | 0343 | 0.1 | 3 |
| | 1309 | 1.3 | 40 |
| | 1855 | 1.0 | 30 |
| | 2055 | 1.1 | 34 |
| **15** Tu | 0502 | 0.3 | 9 |
| | 1304 | 1.2 | 37 |
| | 1833 | 0.9 | 27 |
| | 2308 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0617 | 0.5 | 15 |
| | 1246 | 1.1 | 34 |
| | 1848 | 0.7 | 21 |
| **17** Th | 0039 | 1.2 | 37 |
| | 0726 | 0.7 | 21 |
| | 1231 | 1.0 | 30 |
| | 1908 | 0.5 | 15 |
| **18** F | 0204 | 1.3 | 40 |
| | 0820 | 0.8 | 24 |
| | 1222 | 1.0 | 30 |
| | 1930 | 0.3 | 9 |
| **19** Sa | 0305 | 1.4 | 43 |
| | 0904 | 0.9 | 27 |
| | 1213 | 1.0 | 30 |
| | 1954 | 0.1 | 3 |
| **20** Su ○ | 0357 | 1.4 | 43 |
| | 0951 | 0.9 | 27 |
| | 1152 | 1.0 | 30 |
| | 2019 | −0.1 | −3 |
| **21** M | 0448 | 1.4 | 43 |
| | 2047 | −0.2 | −6 |
| **22** Tu | 0542 | 1.4 | 43 |
| | 2120 | −0.3 | −9 |
| **23** W | 0637 | 1.4 | 43 |
| | 2157 | −0.2 | −6 |
| **24** Th | 0744 | 1.4 | 43 |
| | 2244 | −0.2 | −6 |
| **25** F | 0956 | 1.4 | 43 |
| | 2338 | −0.1 | −3 |
| **26** Sa | 1044 | 1.5 | 46 |
| **27** Su | 0031 | 0.1 | 3 |
| | 1110 | 1.5 | 46 |
| **28** M ◑ | 0122 | 0.2 | 6 |
| | 1125 | 1.5 | 46 |
| **29** Tu | 0221 | 0.4 | 12 |
| | 1130 | 1.5 | 46 |
| **30** W | 0336 | 0.5 | 15 |
| | 1128 | 1.4 | 43 |
| | 1754 | 1.0 | 30 |
| | 2223 | 1.1 | 34 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0458 | 0.7 | 21 |
| | 1125 | 1.3 | 40 |
| | 1749 | 0.8 | 24 |
| **2** F | 0001 | 1.3 | 40 |
| | 0625 | 0.8 | 24 |
| | 1123 | 1.2 | 37 |
| | 1811 | 0.4 | 12 |
| **3** Sa | 0139 | 1.4 | 43 |
| | 0754 | 1.0 | 30 |
| | 1120 | 1.1 | 34 |
| | 1844 | 0.0 | 0 |
| **4** Su | 0254 | 1.6 | 49 |
| | 0908 | 1.0 | 30 |
| | 1110 | 1.1 | 34 |
| | 1924 | −0.3 | −9 |
| **5** M ● | 0400 | 1.7 | 52 |
| | 2007 | −0.6 | −18 |
| **6** Tu | 0511 | 1.7 | 52 |
| | 2053 | −0.8 | −24 |
| **7** W | 0623 | 1.7 | 52 |
| | 2144 | −0.8 | −24 |
| **8** Th | 0740 | 1.6 | 49 |
| | 2243 | −0.7 | −21 |
| **9** F | 0930 | 1.6 | 49 |
| | 2349 | −0.5 | −15 |
| **10** Sa | 1032 | 1.5 | 46 |
| **11** Su ◐ | 0054 | −0.2 | −6 |
| | 1100 | 1.3 | 40 |
| **12** M | 0157 | 0.1 | 3 |
| | 1107 | 1.2 | 37 |
| | 1656 | 0.9 | 27 |
| | 1916 | 1.0 | 30 |
| **13** Tu | 0313 | 0.4 | 12 |
| | 1058 | 1.1 | 34 |
| | 1704 | 0.8 | 24 |
| | 2227 | 1.0 | 30 |
| **14** W | 0441 | 0.7 | 21 |
| | 1046 | 1.0 | 30 |
| | 1728 | 0.6 | 18 |
| **15** Th | 0011 | 1.1 | 34 |
| | 0618 | 0.9 | 27 |
| | 1035 | 1.0 | 30 |
| | 1755 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0156 | 1.2 | 37 |
| | 0806 | 0.9 | 27 |
| | 1024 | 1.0 | 30 |
| | 1824 | 0.1 | 3 |
| **17** Sa | 0259 | 1.3 | 40 |
| | 1853 | −0.1 | −3 |
| **18** Su | 0346 | 1.4 | 43 |
| | 1923 | −0.3 | −9 |
| **19** M ○ | 0428 | 1.4 | 43 |
| | 1954 | −0.4 | −12 |
| **20** Tu | 0511 | 1.4 | 43 |
| | 2027 | −0.5 | −15 |
| **21** W | 0555 | 1.4 | 43 |
| | 2100 | −0.4 | −12 |
| **22** Th | 0638 | 1.4 | 43 |
| | 2136 | −0.4 | −12 |
| **23** F | 0723 | 1.4 | 43 |
| | 2216 | −0.3 | −9 |
| **24** Sa | 0816 | 1.4 | 43 |
| | 2301 | −0.1 | −3 |
| **25** Su | 0911 | 1.4 | 43 |
| | 2351 | 0.1 | 3 |
| **26** M | 0934 | 1.4 | 43 |
| **27** Tu ◑ | 0039 | 0.3 | 9 |
| | 0938 | 1.4 | 43 |
| **28** W | 0129 | 0.5 | 15 |
| | 0935 | 1.3 | 40 |
| | 1621 | 0.9 | 27 |
| | 2035 | 1.0 | 30 |
| **29** Th | 0238 | 0.7 | 21 |
| | 0932 | 1.2 | 37 |
| | 1625 | 0.6 | 18 |
| | 2327 | 1.1 | 34 |
| **30** F | 0443 | 0.9 | 27 |
| | 0927 | 1.1 | 34 |
| | 1652 | 0.2 | 6 |
| **31** Sa | 0120 | 1.3 | 40 |
| | 1731 | −0.2 | −6 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0239 | 1.5 | 46 |
| | 1816 | −0.5 | −15 |
| **2** M | 0336 | 1.6 | 49 |
| | 1906 | −0.8 | −24 |
| **3** Tu ● | 0435 | 1.7 | 52 |
| | 1957 | −1.0 | −30 |
| **4** W | 0535 | 1.7 | 52 |
| | 2047 | −1.0 | −30 |
| **5** Th | 0633 | 1.6 | 49 |
| | 2138 | −0.9 | −27 |
| **6** F | 0727 | 1.5 | 46 |
| | 2234 | −0.7 | −21 |
| **7** Sa | 0820 | 1.3 | 40 |
| | 2336 | −0.4 | −12 |
| **8** Su | 0857 | 1.2 | 37 |
| **9** M | 0034 | 0.0 | 0 |
| | 0858 | 1.1 | 34 |
| | 1432 | 0.8 | 24 |
| | 1809 | 0.9 | 27 |
| **10** Tu ◐ | 0127 | 0.3 | 9 |
| | 0846 | 1.0 | 30 |
| | 1514 | 0.6 | 18 |
| | 2054 | 0.9 | 27 |
| **11** W | 0227 | 0.6 | 18 |
| | 0831 | 0.9 | 27 |
| | 1556 | 0.4 | 12 |
| | 2328 | 1.0 | 30 |
| **12** Th | 0423 | 0.8 | 24 |
| | 0802 | 0.9 | 27 |
| | 1633 | 0.2 | 6 |
| **13** F | 0143 | 1.1 | 34 |
| | 1708 | 0.0 | 0 |
| **14** Sa | 0251 | 1.2 | 37 |
| | 1744 | −0.2 | −6 |
| **15** Su | 0331 | 1.3 | 40 |
| | 1821 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0407 | 1.3 | 40 |
| | 1900 | −0.5 | −15 |
| **17** Tu | 0443 | 1.3 | 40 |
| | 1937 | −0.5 | −15 |
| **18** W ○ | 0518 | 1.3 | 40 |
| | 2013 | −0.5 | −15 |
| **19** Th | 0550 | 1.3 | 40 |
| | 2046 | −0.5 | −15 |
| **20** F | 0619 | 1.3 | 40 |
| | 2119 | −0.4 | −12 |
| **21** Sa | 0643 | 1.3 | 40 |
| | 2153 | −0.2 | −6 |
| **22** Su | 0701 | 1.3 | 40 |
| | 2231 | 0.0 | 0 |
| **23** M | 0713 | 1.3 | 40 |
| | 2315 | 0.2 | 6 |
| **24** Tu | 0720 | 1.3 | 40 |
| **25** W | 0003 | 0.4 | 12 |
| | 0722 | 1.2 | 37 |
| | 1409 | 0.7 | 21 |
| | 1847 | 0.9 | 27 |
| **26** Th ◑ | 0052 | 0.7 | 21 |
| | 0719 | 1.1 | 34 |
| | 1439 | 0.4 | 12 |
| | 2252 | 1.0 | 30 |
| **27** F | 0152 | 0.9 | 27 |
| | 0704 | 1.1 | 34 |
| | 1522 | 0.1 | 3 |
| **28** Sa | 0111 | 1.2 | 37 |
| | 1612 | −0.2 | −6 |
| **29** Su | 0226 | 1.4 | 43 |
| | 1704 | −0.6 | −18 |
| **30** M | 0314 | 1.6 | 49 |
| | 1800 | −0.8 | −24 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Tampico Harbor (Madero), Mexico, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0401 | 1.6 | 49 |
| | 1858 | −1.0 | −30 |
| **2** W ● | 0450 | 1.6 | 49 |
| | 1953 | −1.0 | −30 |
| **3** Th | 0537 | 1.5 | 46 |
| | 2044 | −0.9 | −27 |
| **4** F | 0615 | 1.4 | 43 |
| | 2133 | −0.7 | −21 |
| **5** Sa | 0639 | 1.2 | 37 |
| | 1116 | 1.0 | 30 |
| | 1405 | 1.1 | 34 |
| | 2224 | −0.4 | −12 |
| **6** Su | 0648 | 1.1 | 34 |
| | 1150 | 0.9 | 27 |
| | 1531 | 1.1 | 34 |
| | 2318 | 0.0 | 0 |
| **7** M | 0648 | 1.0 | 30 |
| | 1231 | 0.7 | 21 |
| | 1706 | 1.0 | 30 |
| **8** Tu | 0011 | 0.3 | 9 |
| | 0644 | 0.9 | 27 |
| | 1311 | 0.5 | 15 |
| | 1856 | 0.9 | 27 |
| **9** W ◐ | 0058 | 0.6 | 18 |
| | 0637 | 0.9 | 27 |
| | 1353 | 0.3 | 9 |
| | 2215 | 0.9 | 27 |
| **10** Th | 0145 | 0.8 | 24 |
| | 0618 | 1.0 | 30 |
| | 1441 | 0.1 | 3 |
| **11** F | 0037 | 1.1 | 34 |
| | 1532 | 0.0 | 0 |
| **12** Sa | 0224 | 1.2 | 37 |
| | 1621 | −0.2 | −6 |
| **13** Su | 0300 | 1.3 | 40 |
| | 1708 | −0.3 | −9 |
| **14** M | 0333 | 1.3 | 40 |
| | 1755 | −0.4 | −12 |
| **15** Tu | 0403 | 1.3 | 40 |
| | 1841 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0432 | 1.3 | 40 |
| | 1923 | −0.4 | −12 |
| **17** Th | 0457 | 1.3 | 40 |
| | 2000 | −0.4 | −12 |
| **18** F ○ | 0516 | 1.3 | 40 |
| | 2033 | −0.3 | −9 |
| **19** Sa | 0528 | 1.3 | 40 |
| | 2104 | −0.2 | −6 |
| **20** Su | 0536 | 1.3 | 40 |
| | 1034 | 1.0 | 30 |
| | 1301 | 1.1 | 34 |
| | 2136 | 0.0 | 0 |
| **21** M | 0541 | 1.3 | 40 |
| | 1107 | 1.0 | 30 |
| | 1439 | 1.1 | 34 |
| | 2210 | 0.2 | 6 |
| **22** Tu | 0544 | 1.3 | 40 |
| | 1143 | 0.9 | 27 |
| | 1604 | 1.1 | 34 |
| | 2252 | 0.5 | 15 |
| **23** W | 0545 | 1.2 | 37 |
| | 1218 | 0.6 | 18 |
| | 1756 | 1.0 | 30 |
| | 2346 | 0.8 | 24 |
| **24** Th | 0541 | 1.2 | 37 |
| | 1257 | 0.4 | 12 |
| | 2108 | 1.1 | 34 |
| **25** F ◑ | 0046 | 1.0 | 30 |
| | 0523 | 1.2 | 37 |
| | 1342 | 0.1 | 3 |
| **26** Sa | 0021 | 1.3 | 40 |
| | 1438 | −0.2 | −6 |
| **27** Su | 0153 | 1.5 | 46 |
| | 1544 | −0.4 | −12 |
| **28** M | 0240 | 1.6 | 49 |
| | 1650 | −0.6 | −18 |
| **29** Tu | 0322 | 1.7 | 52 |
| | 1754 | −0.7 | −21 |
| **30** W | 0402 | 1.6 | 49 |
| | 1857 | −0.7 | −21 |
| **31** Th | 0438 | 1.5 | 46 |
| | 1953 | −0.6 | −18 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0503 | 1.4 | 43 |
| | 0910 | 1.2 | 37 |
| | 1204 | 1.3 | 40 |
| | 2042 | −0.4 | −12 |
| **2** Sa | 0513 | 1.2 | 37 |
| | 0915 | 1.1 | 34 |
| | 1341 | 1.3 | 40 |
| | 2127 | −0.2 | −6 |
| **3** Su | 0512 | 1.1 | 34 |
| | 0936 | 0.9 | 27 |
| | 1500 | 1.2 | 37 |
| | 2211 | 0.1 | 3 |
| **4** M | 0508 | 1.0 | 30 |
| | 1014 | 0.7 | 21 |
| | 1615 | 1.2 | 37 |
| | 2259 | 0.4 | 12 |
| **5** Tu | 0506 | 1.0 | 30 |
| | 1107 | 0.5 | 15 |
| | 1743 | 1.1 | 34 |
| | 2355 | 0.7 | 21 |
| **6** W | 0501 | 1.0 | 30 |
| | 1201 | 0.3 | 9 |
| | 1924 | 1.1 | 34 |
| **7** Th | 0052 | 0.9 | 27 |
| | 0443 | 1.0 | 30 |
| | 1248 | 0.2 | 6 |
| | 2255 | 1.1 | 34 |
| **8** F ◐ | 1335 | 0.1 | 3 |
| **9** Sa | 0034 | 1.3 | 40 |
| | 1429 | 0.0 | 0 |
| **10** Su | 0157 | 1.4 | 43 |
| | 1533 | −0.1 | −3 |
| **11** M | 0238 | 1.4 | 43 |
| | 1634 | −0.1 | −3 |
| **12** Tu | 0309 | 1.4 | 43 |
| | 1729 | −0.1 | −3 |
| **13** W | 0334 | 1.5 | 46 |
| | 1820 | −0.1 | −3 |
| **14** Th | 0351 | 1.5 | 46 |
| | 1906 | −0.1 | −3 |
| **15** F | 0401 | 1.4 | 43 |
| | 0857 | 1.2 | 37 |
| | 1057 | 1.3 | 40 |
| | 1945 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0404 | 1.4 | 43 |
| | 0848 | 1.2 | 37 |
| | 1204 | 1.3 | 40 |
| | 2019 | 0.1 | 3 |
| **17** Su | 0404 | 1.4 | 43 |
| | 0856 | 1.1 | 34 |
| | 1324 | 1.3 | 40 |
| | 2052 | 0.3 | 9 |
| **18** M | 0404 | 1.4 | 43 |
| | 0914 | 1.0 | 30 |
| | 1437 | 1.3 | 40 |
| | 2126 | 0.5 | 15 |
| **19** Tu | 0404 | 1.3 | 40 |
| | 0942 | 0.8 | 24 |
| | 1548 | 1.3 | 40 |
| | 2205 | 0.7 | 21 |
| **20** W | 0403 | 1.3 | 40 |
| | 1021 | 0.6 | 18 |
| | 1717 | 1.3 | 40 |
| | 2302 | 1.0 | 30 |
| **21** Th | 0358 | 1.2 | 37 |
| | 1112 | 0.3 | 9 |
| | 1905 | 1.3 | 40 |
| **22** F | 0041 | 1.2 | 37 |
| | 0334 | 1.3 | 40 |
| | 1209 | 0.1 | 3 |
| | 2259 | 1.5 | 46 |
| **23** Sa ◑ | 1307 | −0.1 | −3 |
| **24** Su | 0017 | 1.6 | 49 |
| | 1411 | −0.2 | −6 |
| **25** M | 0132 | 1.7 | 52 |
| | 1527 | −0.3 | −9 |
| **26** Tu | 0226 | 1.8 | 55 |
| | 1643 | −0.3 | −9 |
| **27** W | 0304 | 1.7 | 52 |
| | 1753 | −0.3 | −9 |
| **28** Th | 0331 | 1.6 | 49 |
| | 1858 | −0.2 | −6 |
| **29** F | 0343 | 1.5 | 46 |
| | 0808 | 1.3 | 40 |
| | 1146 | 1.4 | 43 |
| | 1953 | 0.0 | 0 |
| **30** Sa ● | 0340 | 1.3 | 40 |
| | 0814 | 1.1 | 34 |
| | 1313 | 1.5 | 46 |
| | 2039 | 0.2 | 6 |
| **31** Su | 0332 | 1.2 | 37 |
| | 0832 | 0.9 | 27 |
| | 1431 | 1.5 | 46 |
| | 2120 | 0.5 | 15 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0327 | 1.1 | 34 |
| | 0858 | 0.7 | 21 |
| | 1538 | 1.4 | 43 |
| | 2202 | 0.7 | 21 |
| **2** Tu | 0324 | 1.1 | 34 |
| | 0928 | 0.5 | 15 |
| | 1649 | 1.4 | 43 |
| | 2257 | 0.9 | 27 |
| **3** W | 0319 | 1.1 | 34 |
| | 1005 | 0.3 | 9 |
| | 1808 | 1.4 | 43 |
| **4** Th | 0027 | 1.0 | 30 |
| | 0301 | 1.1 | 34 |
| | 1052 | 0.2 | 6 |
| | 1940 | 1.4 | 43 |
| **5** F | 1146 | 0.2 | 6 |
| | 2242 | 1.4 | 43 |
| **6** Sa | 1241 | 0.1 | 3 |
| | 2344 | 1.5 | 46 |
| **7** Su ◐ | 1337 | 0.1 | 3 |
| **8** M | 0047 | 1.5 | 46 |
| | 1442 | 0.2 | 6 |
| **9** Tu | 0143 | 1.6 | 49 |
| | 1554 | 0.2 | 6 |
| **10** W | 0216 | 1.6 | 49 |
| | 1656 | 0.3 | 9 |
| **11** Th | 0233 | 1.6 | 49 |
| | 1751 | 0.4 | 12 |
| **12** F | 0237 | 1.6 | 49 |
| | 0805 | 1.3 | 40 |
| | 1043 | 1.4 | 43 |
| | 1841 | 0.4 | 12 |
| **13** Sa | 0234 | 1.5 | 46 |
| | 0747 | 1.3 | 40 |
| | 1152 | 1.5 | 46 |
| | 1927 | 0.5 | 15 |
| **14** Su | 0230 | 1.5 | 46 |
| | 0752 | 1.1 | 34 |
| | 1309 | 1.5 | 46 |
| | 2009 | 0.7 | 21 |
| **15** M ○ | 0227 | 1.4 | 43 |
| | 0809 | 0.9 | 27 |
| | 1422 | 1.6 | 49 |
| | 2050 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0225 | 1.4 | 43 |
| | 0833 | 0.6 | 18 |
| | 1529 | 1.6 | 49 |
| | 2134 | 1.0 | 30 |
| **17** W | 0223 | 1.3 | 40 |
| | 0904 | 0.4 | 12 |
| | 1645 | 1.7 | 52 |
| | 2242 | 1.2 | 37 |
| **18** Th | 0213 | 1.3 | 40 |
| | 0943 | 0.2 | 6 |
| | 1815 | 1.7 | 52 |
| **19** F | 1034 | 0.0 | 0 |
| | 2022 | 1.7 | 52 |
| **20** Sa | 1138 | −0.1 | −3 |
| | 2249 | 1.8 | 55 |
| **21** Su ◑ | 1245 | −0.2 | −6 |
| | 2351 | 1.9 | 58 |
| **22** M | 1355 | −0.1 | −3 |
| **23** Tu | 0051 | 1.8 | 55 |
| | 1516 | 0.0 | 0 |
| **24** W | 0141 | 1.8 | 55 |
| | 1637 | 0.1 | 3 |
| **25** Th | 0208 | 1.6 | 49 |
| | 0725 | 1.3 | 40 |
| | 0940 | 1.4 | 43 |
| | 1750 | 0.3 | 9 |
| **26** F | 0211 | 1.5 | 46 |
| | 0702 | 1.2 | 37 |
| | 1123 | 1.5 | 46 |
| | 1858 | 0.5 | 15 |
| **27** Sa | 0159 | 1.3 | 40 |
| | 0715 | 1.0 | 30 |
| | 1249 | 1.6 | 49 |
| | 1955 | 0.7 | 21 |
| **28** Su | 0147 | 1.3 | 40 |
| | 0736 | 0.8 | 24 |
| | 1409 | 1.6 | 49 |
| | 2042 | 0.9 | 27 |
| **29** M ● | 0139 | 1.2 | 37 |
| | 0800 | 0.6 | 18 |
| | 1514 | 1.6 | 49 |
| | 2126 | 1.0 | 30 |
| **30** Tu | 0134 | 1.2 | 37 |
| | 0826 | 0.4 | 12 |
| | 1614 | 1.6 | 49 |
| | 2222 | 1.1 | 34 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Tampico Harbor (Madero), Mexico, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0119 | 1.2 | 37 |
| | 0854 | 0.2 | 6 |
| | 1718 | 1.6 | 49 |
| **2** Th | 0926 | 0.1 | 3 |
| | 1824 | 1.6 | 49 |
| **3** F | 1004 | 0.1 | 3 |
| | 1939 | 1.6 | 49 |
| **4** Sa | 1054 | 0.1 | 3 |
| | 2204 | 1.6 | 49 |
| **5** Su | 1154 | 0.2 | 6 |
| | 2258 | 1.6 | 49 |
| **6** M | 1253 | 0.3 | 9 |
| | 2336 | 1.7 | 52 |
| **7** Tu ◐ | 1352 | 0.4 | 12 |
| **8** W | 0005 | 1.7 | 52 |
| | 1459 | 0.5 | 15 |
| **9** Th | 0025 | 1.7 | 52 |
| | 1609 | 0.6 | 18 |
| **10** F | 0033 | 1.6 | 49 |
| | 0725 | 1.3 | 40 |
| | 0959 | 1.4 | 43 |
| | 1711 | 0.7 | 21 |
| **11** Sa | 0033 | 1.6 | 49 |
| | 0638 | 1.2 | 37 |
| | 1124 | 1.5 | 46 |
| | 1813 | 0.9 | 27 |
| **12** Su | 0031 | 1.5 | 46 |
| | 0642 | 1.0 | 30 |
| | 1243 | 1.6 | 49 |
| | 1916 | 1.0 | 30 |
| **13** M | 0029 | 1.4 | 43 |
| | 0701 | 0.7 | 21 |
| | 1403 | 1.7 | 52 |
| | 2015 | 1.1 | 34 |
| **14** Tu ○ | 0026 | 1.4 | 43 |
| | 0728 | 0.4 | 12 |
| | 1509 | 1.8 | 55 |
| | 2112 | 1.3 | 40 |
| **15** W | 0017 | 1.4 | 43 |
| | 0801 | 0.1 | 3 |
| | 1616 | 1.8 | 55 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0839 | −0.1 | −3 |
| | 1733 | 1.9 | 58 |
| **17** F | 0923 | −0.3 | −9 |
| | 1856 | 1.9 | 58 |
| **18** Sa | 1016 | −0.4 | −12 |
| | 2052 | 1.9 | 58 |
| **19** Su | 1122 | −0.3 | −9 |
| | 2228 | 1.9 | 58 |
| **20** M | 1232 | −0.2 | −6 |
| | 2315 | 1.8 | 55 |
| **21** Tu ◑ | 1341 | 0.0 | 0 |
| | 2348 | 1.7 | 52 |
| **22** W | 1500 | 0.3 | 9 |
| **23** Th | 0002 | 1.5 | 46 |
| | 0552 | 1.2 | 37 |
| | 0829 | 1.3 | 40 |
| | 1625 | 0.5 | 15 |
| | 2359 | 1.4 | 43 |
| **24** F | 0548 | 1.1 | 34 |
| | 1055 | 1.4 | 43 |
| | 1744 | 0.8 | 24 |
| | 2349 | 1.3 | 40 |
| **25** Sa | 0608 | 0.8 | 24 |
| | 1227 | 1.5 | 46 |
| | 1905 | 1.0 | 30 |
| | 2340 | 1.2 | 37 |
| **26** Su | 0634 | 0.6 | 18 |
| | 1357 | 1.6 | 49 |
| | 2015 | 1.1 | 34 |
| | 2331 | 1.2 | 37 |
| **27** M | 0703 | 0.3 | 9 |
| | 1503 | 1.6 | 49 |
| | 2114 | 1.1 | 34 |
| | 2316 | 1.2 | 37 |
| **28** Tu ● | 0730 | 0.1 | 3 |
| | 1556 | 1.6 | 49 |
| **29** W | 0759 | 0.0 | 0 |
| | 1648 | 1.6 | 49 |
| **30** Th | 0828 | −0.1 | −3 |
| | 1740 | 1.6 | 49 |
| **31** F | 0900 | −0.2 | −6 |
| | 1831 | 1.6 | 49 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0936 | −0.1 | −3 |
| | 1927 | 1.6 | 49 |
| **2** Su | 1020 | 0.0 | 0 |
| | 2053 | 1.6 | 49 |
| **3** M | 1114 | 0.1 | 3 |
| | 2201 | 1.6 | 49 |
| **4** Tu | 1211 | 0.2 | 6 |
| | 2227 | 1.6 | 49 |
| **5** W ◐ | 1303 | 0.4 | 12 |
| | 2240 | 1.6 | 49 |
| **6** Th | 1355 | 0.6 | 18 |
| | 2245 | 1.6 | 49 |
| **7** F | 1502 | 0.8 | 24 |
| | 2245 | 1.5 | 46 |
| **8** Sa | 0525 | 1.0 | 30 |
| | 1045 | 1.2 | 37 |
| | 1626 | 1.0 | 30 |
| | 2243 | 1.4 | 43 |
| **9** Su | 0527 | 0.8 | 24 |
| | 1213 | 1.4 | 43 |
| | 1756 | 1.1 | 34 |
| | 2241 | 1.3 | 40 |
| **10** M | 0548 | 0.5 | 15 |
| | 1345 | 1.5 | 46 |
| | 1943 | 1.2 | 37 |
| | 2235 | 1.3 | 40 |
| **11** Tu | 0619 | 0.1 | 3 |
| | 1453 | 1.7 | 52 |
| **12** W | 0657 | −0.2 | −6 |
| | 1552 | 1.8 | 55 |
| **13** Th ○ | 0740 | −0.5 | −15 |
| | 1656 | 1.9 | 58 |
| **14** F | 0825 | −0.7 | −21 |
| | 1804 | 1.9 | 58 |
| **15** Sa | 0914 | −0.7 | −21 |
| | 1910 | 1.8 | 55 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 1009 | −0.6 | −18 |
| | 2029 | 1.7 | 52 |
| **17** M | 1113 | −0.4 | −12 |
| | 2145 | 1.6 | 49 |
| **18** Tu | 1221 | −0.1 | −3 |
| | 2215 | 1.5 | 46 |
| **19** W ◑ | 1324 | 0.2 | 6 |
| | 2220 | 1.3 | 40 |
| **20** Th | 0413 | 1.0 | 30 |
| | 0701 | 1.1 | 34 |
| | 1433 | 0.5 | 15 |
| | 2211 | 1.2 | 37 |
| **21** F | 0427 | 0.8 | 24 |
| | 1011 | 1.1 | 34 |
| | 1604 | 0.8 | 24 |
| | 2200 | 1.1 | 34 |
| **22** Sa | 0455 | 0.6 | 18 |
| | 1202 | 1.3 | 40 |
| | 1748 | 1.0 | 30 |
| | 2148 | 1.1 | 34 |
| **23** Su | 0526 | 0.3 | 9 |
| | 1353 | 1.4 | 43 |
| **24** M | 0559 | 0.1 | 3 |
| | 1501 | 1.5 | 46 |
| **25** Tu | 0631 | −0.1 | −3 |
| | 1548 | 1.5 | 46 |
| **26** W | 0704 | −0.3 | −9 |
| | 1630 | 1.5 | 46 |
| **27** Th ● | 0737 | −0.4 | −12 |
| | 1711 | 1.5 | 46 |
| **28** F | 0810 | −0.4 | −12 |
| | 1750 | 1.5 | 46 |
| **29** Sa | 0844 | −0.4 | −12 |
| | 1827 | 1.4 | 43 |
| **30** Su | 0920 | −0.3 | −9 |
| | 1902 | 1.4 | 43 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0958 | −0.2 | −6 |
| | 1936 | 1.4 | 43 |
| **2** Tu | 1040 | 0.0 | 0 |
| | 2006 | 1.4 | 43 |
| **3** W | 1127 | 0.2 | 6 |
| | 2027 | 1.4 | 43 |
| **4** Th | 1213 | 0.4 | 12 |
| | 2037 | 1.4 | 43 |
| **5** F ◐ | 1257 | 0.6 | 18 |
| | 2040 | 1.3 | 40 |
| **6** Sa | 0358 | 0.8 | 24 |
| | 0921 | 0.9 | 27 |
| | 1345 | 0.8 | 24 |
| | 2037 | 1.3 | 40 |
| **7** Su | 0405 | 0.5 | 15 |
| | 1145 | 1.1 | 34 |
| | 1540 | 1.0 | 30 |
| | 2025 | 1.2 | 37 |
| **8** M | 0430 | 0.2 | 6 |
| | 1342 | 1.3 | 40 |
| **9** Tu | 0506 | −0.1 | −3 |
| | 1444 | 1.5 | 46 |
| **10** W | 0549 | −0.5 | −15 |
| | 1532 | 1.7 | 52 |
| **11** Th | 0638 | −0.8 | −24 |
| | 1623 | 1.7 | 52 |
| **12** F ○ | 0729 | −1.0 | −30 |
| | 1718 | 1.7 | 52 |
| **13** Sa | 0821 | −1.0 | −30 |
| | 1811 | 1.7 | 52 |
| **14** Su | 0912 | −0.9 | −27 |
| | 1856 | 1.5 | 46 |
| **15** M | 1005 | −0.7 | −21 |
| | 1933 | 1.4 | 43 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 1105 | −0.4 | −12 |
| | 1954 | 1.2 | 37 |
| **17** W | 0133 | 1.0 | 30 |
| | 0340 | 1.1 | 34 |
| | 1206 | −0.1 | −3 |
| | 1957 | 1.1 | 34 |
| **18** Th | 0154 | 0.8 | 24 |
| | 0554 | 0.9 | 27 |
| | 1301 | 0.3 | 9 |
| | 1952 | 1.0 | 30 |
| **19** F ◑ | 0233 | 0.6 | 18 |
| | 0823 | 0.9 | 27 |
| | 1356 | 0.6 | 18 |
| | 1941 | 1.0 | 30 |
| **20** Sa | 0319 | 0.3 | 9 |
| | 1120 | 1.0 | 30 |
| | 1541 | 0.9 | 27 |
| | 1913 | 1.0 | 30 |
| **21** Su | 0404 | 0.1 | 3 |
| | 1348 | 1.2 | 37 |
| **22** M | 0445 | −0.2 | −6 |
| | 1453 | 1.3 | 40 |
| **23** Tu | 0524 | −0.3 | −9 |
| | 1533 | 1.3 | 40 |
| **24** W | 0603 | −0.5 | −15 |
| | 1608 | 1.3 | 40 |
| **25** Th | 0644 | −0.6 | −18 |
| | 1641 | 1.3 | 40 |
| **26** F | 0723 | −0.6 | −18 |
| | 1712 | 1.3 | 40 |
| **27** Sa ● | 0800 | −0.6 | −18 |
| | 1739 | 1.3 | 40 |
| **28** Su | 0834 | −0.5 | −15 |
| | 1801 | 1.3 | 40 |
| **29** M | 0907 | −0.4 | −12 |
| | 1818 | 1.3 | 40 |
| **30** Tu | 0939 | −0.2 | −6 |
| | 1831 | 1.3 | 40 |
| **31** W | 1012 | 0.0 | 0 |
| | 1839 | 1.3 | 40 |

Time meridian 90° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Cristobal (Colon), Panama, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0028 | −0.1 | −3 |
| | 0757 | 1.1 | 34 |
| | 1522 | 0.1 | 3 |
| | 1933 | 0.3 | 9 |
| **2** W | 0043 | 0.0 | 0 |
| | 0828 | 1.2 | 37 |
| | 1625 | 0.0 | 0 |
| | 2035 | 0.2 | 6 |
| **3** Th | 0052 | 0.0 | 0 |
| | 0859 | 1.2 | 37 |
| | 1725 | 0.0 | 0 |
| | 2147 | 0.1 | 3 |
| **4** F | 0051 | 0.0 | 0 |
| | 0932 | 1.2 | 37 |
| | 1823 | −0.1 | −3 |
| **5** Sa | 1005 | 1.3 | 40 |
| | 1920 | −0.1 | −3 |
| **6** Su | 1041 | 1.3 | 40 |
| | 2011 | −0.2 | −6 |
| **7** M | 1118 | 1.3 | 40 |
| | 2054 | −0.2 | −6 |
| **8** Tu ● | 1156 | 1.2 | 37 |
| | 2127 | −0.2 | −6 |
| **9** W | 1236 | 1.2 | 37 |
| | 2149 | −0.2 | −6 |
| **10** Th | 1318 | 1.1 | 34 |
| | 2205 | −0.2 | −6 |
| **11** F | 1404 | 1.0 | 30 |
| | 2217 | −0.2 | −6 |
| **12** Sa | 0540 | 0.5 | 15 |
| | 0839 | 0.4 | 12 |
| | 1454 | 0.8 | 24 |
| | 2229 | −0.2 | −6 |
| **13** Su | 0537 | 0.7 | 21 |
| | 1047 | 0.4 | 12 |
| | 1549 | 0.6 | 18 |
| | 2245 | −0.1 | −3 |
| **14** M | 0558 | 0.9 | 27 |
| | 1220 | 0.2 | 6 |
| | 1650 | 0.5 | 15 |
| | 2305 | −0.2 | −6 |
| **15** Tu ◐ | 0629 | 1.1 | 34 |
| | 1335 | 0.1 | 3 |
| | 1754 | 0.3 | 9 |
| | 2330 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0706 | 1.3 | 40 |
| | 1439 | 0.0 | 0 |
| | 1859 | 0.2 | 6 |
| **17** Th | 0001 | −0.2 | −6 |
| | 0747 | 1.4 | 43 |
| | 1539 | −0.2 | −6 |
| | 2004 | 0.1 | 3 |
| **18** F | 0035 | −0.2 | −6 |
| | 0833 | 1.5 | 46 |
| | 1637 | −0.2 | −6 |
| | 2110 | 0.0 | 0 |
| **19** Sa | 0114 | −0.2 | −6 |
| | 0921 | 1.5 | 46 |
| | 1734 | −0.3 | −9 |
| | 2222 | 0.0 | 0 |
| **20** Su | 0155 | −0.1 | −3 |
| | 1011 | 1.5 | 46 |
| | 1830 | −0.3 | −9 |
| | 2342 | 0.0 | 0 |
| **21** M | 0240 | −0.1 | −3 |
| | 1102 | 1.4 | 43 |
| | 1923 | −0.3 | −9 |
| **22** Tu ○ | 0110 | 0.1 | 3 |
| | 0334 | 0.0 | 0 |
| | 1155 | 1.3 | 40 |
| | 2011 | −0.3 | −9 |
| **23** W | 0234 | 0.2 | 6 |
| | 0449 | 0.1 | 3 |
| | 1250 | 1.2 | 37 |
| | 2054 | −0.3 | −9 |
| **24** Th | 0337 | 0.3 | 9 |
| | 0637 | 0.2 | 6 |
| | 1346 | 1.0 | 30 |
| | 2132 | −0.2 | −6 |
| **25** F | 0422 | 0.5 | 15 |
| | 0835 | 0.3 | 9 |
| | 1444 | 0.8 | 24 |
| | 2205 | −0.2 | −6 |
| **26** Sa | 0501 | 0.6 | 18 |
| | 1020 | 0.3 | 9 |
| | 1544 | 0.6 | 18 |
| | 2233 | −0.1 | −3 |
| **27** Su | 0535 | 0.8 | 24 |
| | 1147 | 0.2 | 6 |
| | 1644 | 0.5 | 15 |
| | 2259 | −0.1 | −3 |
| **28** M | 0607 | 0.9 | 27 |
| | 1257 | 0.1 | 3 |
| | 1743 | 0.4 | 12 |
| | 2321 | −0.1 | −3 |
| **29** Tu | 0639 | 1.0 | 30 |
| | 1355 | 0.0 | 0 |
| | 1838 | 0.3 | 9 |
| | 2342 | 0.0 | 0 |
| **30** W ◑ | 0710 | 1.0 | 30 |
| | 1447 | 0.0 | 0 |
| | 1929 | 0.2 | 6 |
| **31** Th | 0001 | 0.0 | 0 |
| | 0742 | 1.1 | 34 |
| | 1537 | −0.1 | −3 |
| | 2016 | 0.1 | 3 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0017 | 0.0 | 0 |
| | 0816 | 1.1 | 34 |
| | 1627 | −0.1 | −3 |
| | 2102 | 0.1 | 3 |
| **2** Sa | 0032 | 0.0 | 0 |
| | 0850 | 1.2 | 37 |
| | 1719 | −0.1 | −3 |
| | 2152 | 0.0 | 0 |
| **3** Su | 0043 | −0.1 | −3 |
| | 0926 | 1.2 | 37 |
| | 1812 | −0.1 | −3 |
| **4** M | 1003 | 1.2 | 37 |
| | 1902 | −0.2 | −6 |
| **5** Tu | 1041 | 1.1 | 34 |
| | 1942 | −0.2 | −6 |
| **6** W ● | 1122 | 1.0 | 30 |
| | 2011 | −0.1 | −3 |
| **7** Th | 1208 | 0.9 | 27 |
| | 2031 | −0.1 | −3 |
| **8** F | 1259 | 0.8 | 24 |
| | 2048 | −0.1 | −3 |
| **9** Sa | 0332 | 0.4 | 12 |
| | 0754 | 0.3 | 9 |
| | 1400 | 0.6 | 18 |
| | 2106 | −0.1 | −3 |
| **10** Su | 0357 | 0.6 | 18 |
| | 0952 | 0.2 | 6 |
| | 1508 | 0.5 | 15 |
| | 2128 | −0.1 | −3 |
| **11** M | 0431 | 0.8 | 24 |
| | 1118 | 0.1 | 3 |
| | 1617 | 0.4 | 12 |
| | 2155 | −0.1 | −3 |
| **12** Tu | 0509 | 1.0 | 30 |
| | 1225 | −0.1 | −3 |
| | 1723 | 0.3 | 9 |
| | 2227 | −0.1 | −3 |
| **13** W ◐ | 0551 | 1.2 | 37 |
| | 1323 | −0.2 | −6 |
| | 1824 | 0.2 | 6 |
| | 2304 | −0.1 | −3 |
| **14** Th | 0636 | 1.3 | 40 |
| | 1417 | −0.3 | −9 |
| | 1919 | 0.1 | 3 |
| | 2345 | −0.2 | −6 |
| **15** F | 0723 | 1.4 | 43 |
| | 1509 | −0.3 | −9 |
| | 2013 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0029 | −0.2 | −6 |
| | 0811 | 1.4 | 43 |
| | 1602 | −0.3 | −9 |
| | 2108 | 0.1 | 3 |
| **17** Su | 0115 | −0.1 | −3 |
| | 0900 | 1.4 | 43 |
| | 1654 | −0.3 | −9 |
| | 2206 | 0.1 | 3 |
| **18** M | 0205 | −0.1 | −3 |
| | 0951 | 1.3 | 40 |
| | 1745 | −0.3 | −9 |
| | 2312 | 0.1 | 3 |
| **19** Tu | 0302 | 0.0 | 0 |
| | 1043 | 1.1 | 34 |
| | 1835 | −0.2 | −6 |
| **20** W ○ | 0023 | 0.2 | 6 |
| | 0413 | 0.1 | 3 |
| | 1138 | 1.0 | 30 |
| | 1920 | −0.2 | −6 |
| **21** Th | 0132 | 0.3 | 9 |
| | 0546 | 0.2 | 6 |
| | 1238 | 0.8 | 24 |
| | 2001 | −0.1 | −3 |
| **22** F | 0231 | 0.4 | 12 |
| | 0737 | 0.2 | 6 |
| | 1344 | 0.6 | 18 |
| | 2037 | −0.1 | −3 |
| **23** Sa | 0319 | 0.6 | 18 |
| | 0922 | 0.1 | 3 |
| | 1457 | 0.5 | 15 |
| | 2109 | 0.0 | 0 |
| **24** Su | 0359 | 0.7 | 21 |
| | 1043 | 0.1 | 3 |
| | 1609 | 0.4 | 12 |
| | 2138 | 0.0 | 0 |
| **25** M | 0435 | 0.8 | 24 |
| | 1145 | 0.0 | 0 |
| | 1713 | 0.3 | 9 |
| | 2204 | 0.1 | 3 |
| **26** Tu | 0510 | 0.9 | 27 |
| | 1235 | −0.1 | −3 |
| | 1806 | 0.3 | 9 |
| | 2230 | 0.1 | 3 |
| **27** W | 0543 | 0.9 | 27 |
| | 1319 | −0.1 | −3 |
| | 1849 | 0.2 | 6 |
| | 2255 | 0.1 | 3 |
| **28** Th ◑ | 0617 | 1.0 | 30 |
| | 1400 | −0.2 | −6 |
| | 1926 | 0.2 | 6 |
| | 2320 | 0.0 | 0 |
| **29** F | 0652 | 1.0 | 30 |
| | 1441 | −0.2 | −6 |
| | 1958 | 0.1 | 3 |
| | 2345 | 0.0 | 0 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0727 | 1.0 | 30 |
| | 1522 | −0.2 | −6 |
| | 2030 | 0.1 | 3 |
| **2** Su | 0012 | 0.0 | 0 |
| | 0803 | 1.1 | 34 |
| | 1604 | −0.2 | −6 |
| | 2105 | 0.1 | 3 |
| **3** M | 0043 | 0.0 | 0 |
| | 0840 | 1.0 | 30 |
| | 1643 | −0.1 | −3 |
| | 2145 | 0.1 | 3 |
| **4** Tu | 0121 | 0.0 | 0 |
| | 0919 | 1.0 | 30 |
| | 1719 | −0.1 | −3 |
| | 2232 | 0.1 | 3 |
| **5** W | 0213 | 0.0 | 0 |
| | 1001 | 0.9 | 27 |
| | 1750 | −0.1 | −3 |
| | 2325 | 0.2 | 6 |
| **6** Th | 0329 | 0.1 | 3 |
| | 1049 | 0.8 | 24 |
| | 1817 | 0.0 | 0 |
| **7** F ● | 0019 | 0.3 | 9 |
| | 0514 | 0.1 | 3 |
| | 1148 | 0.6 | 18 |
| | 1842 | 0.0 | 0 |
| **8** Sa | 0110 | 0.5 | 15 |
| | 0712 | 0.1 | 3 |
| | 1301 | 0.5 | 15 |
| | 1910 | 0.0 | 0 |
| **9** Su | 0200 | 0.7 | 21 |
| | 0855 | 0.0 | 0 |
| | 1425 | 0.3 | 9 |
| | 1942 | 0.0 | 0 |
| **10** M | 0248 | 0.9 | 27 |
| | 1013 | −0.1 | −3 |
| | 1546 | 0.3 | 9 |
| | 2021 | 0.0 | 0 |
| **11** Tu | 0337 | 1.0 | 30 |
| | 1114 | −0.3 | −9 |
| | 1654 | 0.2 | 6 |
| | 2106 | 0.0 | 0 |
| **12** W | 0426 | 1.2 | 37 |
| | 1208 | −0.4 | −12 |
| | 1751 | 0.2 | 6 |
| | 2156 | 0.0 | 0 |
| **13** Th | 0516 | 1.3 | 40 |
| | 1258 | −0.4 | −12 |
| | 1841 | 0.2 | 6 |
| | 2247 | 0.0 | 0 |
| **14** F ◐ | 0606 | 1.3 | 40 |
| | 1346 | −0.4 | −12 |
| | 1928 | 0.2 | 6 |
| | 2339 | −0.1 | −3 |
| **15** Sa | 0656 | 1.3 | 40 |
| | 1433 | −0.4 | −12 |
| | 2015 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0033 | −0.1 | −3 |
| | 0747 | 1.2 | 37 |
| | 1519 | −0.3 | −9 |
| | 2103 | 0.3 | 9 |
| **17** M | 0130 | 0.0 | 0 |
| | 0837 | 1.1 | 34 |
| | 1604 | −0.3 | −9 |
| | 2155 | 0.3 | 9 |
| **18** Tu | 0233 | 0.0 | 0 |
| | 0929 | 0.9 | 27 |
| | 1646 | −0.2 | −6 |
| | 2249 | 0.4 | 12 |
| **19** W | 0347 | 0.1 | 3 |
| | 1025 | 0.8 | 24 |
| | 1727 | −0.1 | −3 |
| | 2344 | 0.5 | 15 |
| **20** Th | 0517 | 0.1 | 3 |
| | 1129 | 0.6 | 18 |
| | 1804 | 0.0 | 0 |
| **21** F ○ | 0037 | 0.6 | 18 |
| | 0700 | 0.1 | 3 |
| | 1248 | 0.4 | 12 |
| | 1837 | 0.1 | 3 |
| **22** Sa | 0126 | 0.6 | 18 |
| | 0836 | 0.0 | 0 |
| | 1425 | 0.3 | 9 |
| | 1908 | 0.1 | 3 |
| **23** Su | 0210 | 0.7 | 21 |
| | 0950 | −0.1 | −3 |
| | 1602 | 0.3 | 9 |
| | 1936 | 0.2 | 6 |
| **24** M | 0250 | 0.8 | 24 |
| | 1044 | −0.2 | −6 |
| | 1719 | 0.2 | 6 |
| | 2006 | 0.1 | 3 |
| **25** Tu | 0329 | 0.8 | 24 |
| | 1128 | −0.2 | −6 |
| | 1811 | 0.2 | 6 |
| | 2038 | 0.1 | 3 |
| **26** W | 0406 | 0.9 | 27 |
| | 1206 | −0.3 | −9 |
| | 1845 | 0.2 | 6 |
| | 2114 | 0.1 | 3 |
| **27** Th | 0443 | 0.9 | 27 |
| | 1241 | −0.3 | −9 |
| | 1908 | 0.2 | 6 |
| | 2151 | 0.1 | 3 |
| **28** F | 0520 | 1.0 | 30 |
| | 1315 | −0.3 | −9 |
| | 1928 | 0.2 | 6 |
| | 2228 | 0.1 | 3 |
| **29** Sa ◑ | 0557 | 1.0 | 30 |
| | 1348 | −0.2 | −6 |
| | 1949 | 0.2 | 6 |
| | 2308 | 0.1 | 3 |
| **30** Su | 0634 | 1.0 | 30 |
| | 1420 | −0.2 | −6 |
| | 2013 | 0.2 | 6 |
| | 2353 | 0.1 | 3 |
| **31** M | 0711 | 0.9 | 27 |
| | 1449 | −0.2 | −6 |
| | 2040 | 0.2 | 6 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Cristobal (Colon), Panama, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0045 | 0.1 | 3 |
| | 0750 | 0.9 | 27 |
| | 1515 | −0.1 | −3 |
| | 2113 | 0.3 | 9 |
| **2** W | 0150 | 0.1 | 3 |
| | 0832 | 0.8 | 24 |
| | 1538 | −0.1 | −3 |
| | 2151 | 0.4 | 12 |
| **3** Th | 0309 | 0.1 | 3 |
| | 0920 | 0.6 | 18 |
| | 1601 | −0.1 | −3 |
| | 2234 | 0.6 | 18 |
| **4** F | 0444 | 0.1 | 3 |
| | 1021 | 0.4 | 12 |
| | 1625 | 0.0 | 0 |
| | 2322 | 0.7 | 21 |
| **5** Sa ● | 0625 | 0.0 | 0 |
| | 1142 | 0.3 | 9 |
| | 1652 | 0.0 | 0 |
| **6** Su | 0013 | 0.9 | 27 |
| | 0756 | −0.1 | −3 |
| | 1324 | 0.2 | 6 |
| | 1726 | 0.0 | 0 |
| **7** M | 0106 | 1.0 | 30 |
| | 0907 | −0.3 | −9 |
| | 1503 | 0.1 | 3 |
| | 1813 | 0.0 | 0 |
| **8** Tu | 0201 | 1.1 | 34 |
| | 1005 | −0.4 | −12 |
| | 1620 | 0.2 | 6 |
| | 1914 | 0.1 | 3 |
| **9** W | 0256 | 1.2 | 37 |
| | 1057 | −0.5 | −15 |
| | 1715 | 0.2 | 6 |
| | 2022 | 0.1 | 3 |
| **10** Th | 0350 | 1.3 | 40 |
| | 1144 | −0.5 | −15 |
| | 1801 | 0.2 | 6 |
| | 2130 | 0.1 | 3 |
| **11** F | 0444 | 1.3 | 40 |
| | 1229 | −0.5 | −15 |
| | 1845 | 0.3 | 9 |
| | 2236 | 0.1 | 3 |
| **12** Sa ◐ | 0537 | 1.2 | 37 |
| | 1313 | −0.5 | −15 |
| | 1928 | 0.3 | 9 |
| | 2341 | 0.1 | 3 |
| **13** Su | 0628 | 1.1 | 34 |
| | 1354 | −0.4 | −12 |
| | 2011 | 0.4 | 12 |
| **14** M | 0047 | 0.1 | 3 |
| | 0719 | 1.0 | 30 |
| | 1432 | −0.3 | −9 |
| | 2056 | 0.5 | 15 |
| **15** Tu | 0159 | 0.1 | 3 |
| | 0811 | 0.8 | 24 |
| | 1508 | −0.2 | −6 |
| | 2141 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0319 | 0.1 | 3 |
| | 0906 | 0.6 | 18 |
| | 1539 | −0.1 | −3 |
| | 2225 | 0.7 | 21 |
| **17** Th | 0449 | 0.1 | 3 |
| | 1011 | 0.4 | 12 |
| | 1604 | 0.0 | 0 |
| | 2307 | 0.8 | 24 |
| **18** F | 0624 | 0.0 | 0 |
| | 1140 | 0.3 | 9 |
| | 1620 | 0.1 | 3 |
| | 2349 | 0.8 | 24 |
| **19** Sa | 0752 | −0.1 | −3 |
| | 1357 | 0.2 | 6 |
| | 1612 | 0.1 | 3 |
| **20** Su ○ | 0028 | 0.9 | 27 |
| | 0859 | −0.2 | −6 |
| **21** M | 0108 | 0.9 | 27 |
| | 0950 | −0.3 | −9 |
| **22** Tu | 0147 | 0.9 | 27 |
| | 1031 | −0.3 | −9 |
| **23** W | 0226 | 0.9 | 27 |
| | 1107 | −0.3 | −9 |
| **24** Th | 0305 | 1.0 | 30 |
| | 1139 | −0.3 | −9 |
| **25** F | 0344 | 1.0 | 30 |
| | 1209 | −0.3 | −9 |
| **26** Sa | 0423 | 1.0 | 30 |
| | 1236 | −0.3 | −9 |
| **27** Su | 0500 | 1.0 | 30 |
| | 1300 | −0.3 | −9 |
| | 1948 | 0.3 | 9 |
| | 2235 | 0.2 | 6 |
| **28** M ◑ | 0538 | 0.9 | 27 |
| | 1321 | −0.3 | −9 |
| | 1958 | 0.4 | 12 |
| | 2349 | 0.2 | 6 |
| **29** Tu | 0617 | 0.8 | 24 |
| | 1340 | −0.2 | −6 |
| | 2019 | 0.5 | 15 |
| **30** W | 0108 | 0.2 | 6 |
| | 0659 | 0.7 | 21 |
| | 1357 | −0.2 | −6 |
| | 2047 | 0.6 | 18 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0232 | 0.2 | 6 |
| | 0747 | 0.5 | 15 |
| | 1415 | −0.2 | −6 |
| | 2121 | 0.8 | 24 |
| **2** F | 0403 | 0.1 | 3 |
| | 0846 | 0.3 | 9 |
| | 1435 | −0.1 | −3 |
| | 2202 | 1.0 | 30 |
| **3** Sa | 0534 | 0.0 | 0 |
| | 1004 | 0.2 | 6 |
| | 1457 | −0.1 | −3 |
| | 2247 | 1.1 | 34 |
| **4** Su | 0655 | −0.2 | −6 |
| | 1149 | 0.1 | 3 |
| | 1523 | 0.0 | 0 |
| | 2337 | 1.2 | 37 |
| **5** M ● | 0801 | −0.3 | −9 |
| | 1349 | 0.0 | 0 |
| | 1555 | −0.1 | −3 |
| **6** Tu | 0031 | 1.3 | 40 |
| | 0857 | −0.5 | −15 |
| **7** W | 0127 | 1.4 | 43 |
| | 0948 | −0.5 | −15 |
| **8** Th | 0224 | 1.4 | 43 |
| | 1034 | −0.6 | −18 |
| | 1718 | 0.2 | 6 |
| | 1944 | 0.1 | 3 |
| **9** F | 0320 | 1.3 | 40 |
| | 1118 | −0.6 | −18 |
| | 1758 | 0.3 | 9 |
| | 2110 | 0.2 | 6 |
| **10** Sa | 0414 | 1.3 | 40 |
| | 1200 | −0.6 | −18 |
| | 1838 | 0.4 | 12 |
| | 2232 | 0.2 | 6 |
| **11** Su ◐ | 0507 | 1.1 | 34 |
| | 1238 | −0.5 | −15 |
| | 1919 | 0.5 | 15 |
| | 2352 | 0.2 | 6 |
| **12** M | 0559 | 1.0 | 30 |
| | 1313 | −0.4 | −12 |
| | 2000 | 0.7 | 21 |
| **13** Tu | 0113 | 0.2 | 6 |
| | 0652 | 0.8 | 24 |
| | 1344 | −0.3 | −9 |
| | 2040 | 0.8 | 24 |
| **14** W | 0238 | 0.2 | 6 |
| | 0746 | 0.5 | 15 |
| | 1411 | −0.2 | −6 |
| | 2119 | 0.9 | 27 |
| **15** Th | 0406 | 0.1 | 3 |
| | 0848 | 0.3 | 9 |
| | 1430 | −0.1 | −3 |
| | 2156 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0533 | 0.0 | 0 |
| | 1009 | 0.2 | 6 |
| | 1438 | 0.0 | 0 |
| | 2232 | 1.0 | 30 |
| **17** Sa | 0654 | −0.1 | −3 |
| | 2307 | 1.0 | 30 |
| **18** Su | 0759 | −0.2 | −6 |
| | 2343 | 1.1 | 34 |
| **19** M ○ | 0852 | −0.3 | −9 |
| **20** Tu | 0019 | 1.1 | 34 |
| | 0936 | −0.3 | −9 |
| **21** W | 0057 | 1.1 | 34 |
| | 1013 | −0.4 | −12 |
| **22** Th | 0135 | 1.1 | 34 |
| | 1046 | −0.4 | −12 |
| **23** F | 0214 | 1.1 | 34 |
| | 1114 | −0.4 | −12 |
| **24** Sa | 0252 | 1.0 | 30 |
| | 1138 | −0.4 | −12 |
| **25** Su | 0331 | 1.0 | 30 |
| | 1156 | −0.3 | −9 |
| **26** M | 0409 | 0.9 | 27 |
| | 1211 | −0.3 | −9 |
| | 1929 | 0.4 | 12 |
| | 2238 | 0.3 | 9 |
| **27** Tu ◑ | 0449 | 0.8 | 24 |
| | 1225 | −0.3 | −9 |
| | 1932 | 0.6 | 18 |
| **28** W | 0018 | 0.3 | 9 |
| | 0532 | 0.6 | 18 |
| | 1238 | −0.2 | −6 |
| | 1950 | 0.7 | 21 |
| **29** Th | 0149 | 0.3 | 9 |
| | 0620 | 0.5 | 15 |
| | 1254 | −0.2 | −6 |
| | 2018 | 0.9 | 27 |
| **30** F | 0315 | 0.1 | 3 |
| | 0718 | 0.3 | 9 |
| | 1313 | −0.2 | −6 |
| | 2054 | 1.1 | 34 |
| **31** Sa | 0436 | 0.0 | 0 |
| | 0828 | 0.1 | 3 |
| | 1335 | −0.2 | −6 |
| | 2135 | 1.3 | 40 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0548 | −0.2 | −6 |
| | 0957 | 0.0 | 0 |
| | 1401 | −0.2 | −6 |
| | 2222 | 1.4 | 43 |
| **2** M | 0651 | −0.3 | −9 |
| | 1143 | −0.1 | −3 |
| | 1431 | −0.2 | −6 |
| | 2312 | 1.5 | 46 |
| **3** Tu ● | 0747 | −0.4 | −12 |
| **4** W | 0006 | 1.5 | 46 |
| | 0838 | −0.5 | −15 |
| **5** Th | 0101 | 1.5 | 46 |
| | 0926 | −0.5 | −15 |
| **6** F | 0158 | 1.4 | 43 |
| | 1009 | −0.6 | −18 |
| | 1702 | 0.2 | 6 |
| | 1922 | 0.1 | 3 |
| **7** Sa | 0253 | 1.3 | 40 |
| | 1050 | −0.5 | −15 |
| | 1741 | 0.4 | 12 |
| | 2105 | 0.3 | 9 |
| **8** Su | 0348 | 1.1 | 34 |
| | 1127 | −0.5 | −15 |
| | 1821 | 0.6 | 18 |
| | 2242 | 0.3 | 9 |
| **9** M | 0442 | 0.9 | 27 |
| | 1201 | −0.4 | −12 |
| | 1859 | 0.7 | 21 |
| **10** Tu ◐ | 0014 | 0.3 | 9 |
| | 0536 | 0.7 | 21 |
| | 1231 | −0.3 | −9 |
| | 1937 | 0.9 | 27 |
| **11** W | 0141 | 0.2 | 6 |
| | 0632 | 0.5 | 15 |
| | 1257 | −0.3 | −9 |
| | 2013 | 1.0 | 30 |
| **12** Th | 0304 | 0.1 | 3 |
| | 0731 | 0.3 | 9 |
| | 1318 | −0.2 | −6 |
| | 2048 | 1.1 | 34 |
| **13** F | 0422 | 0.0 | 0 |
| | 0840 | 0.2 | 6 |
| | 1331 | −0.1 | −3 |
| | 2122 | 1.1 | 34 |
| **14** Sa | 0534 | −0.1 | −3 |
| | 1005 | 0.1 | 3 |
| | 1330 | 0.0 | 0 |
| | 2156 | 1.2 | 37 |
| **15** Su | 0639 | −0.2 | −6 |
| | 2230 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0738 | −0.2 | −6 |
| | 2305 | 1.2 | 37 |
| **17** Tu | 0829 | −0.3 | −9 |
| | 2341 | 1.2 | 37 |
| **18** W ○ | 0914 | −0.3 | −9 |
| **19** Th | 0018 | 1.1 | 34 |
| | 0951 | −0.3 | −9 |
| **20** F | 0055 | 1.1 | 34 |
| | 1021 | −0.3 | −9 |
| **21** Sa | 0132 | 1.1 | 34 |
| | 1043 | −0.3 | −9 |
| **22** Su | 0211 | 1.0 | 30 |
| | 1059 | −0.3 | −9 |
| **23** M | 0250 | 0.9 | 27 |
| | 1110 | −0.3 | −9 |
| | 1858 | 0.5 | 15 |
| | 2117 | 0.4 | 12 |
| **24** Tu | 0333 | 0.8 | 24 |
| | 1119 | −0.2 | −6 |
| | 1839 | 0.6 | 18 |
| | 2325 | 0.4 | 12 |
| **25** W | 0420 | 0.6 | 18 |
| | 1131 | −0.2 | −6 |
| | 1850 | 0.8 | 24 |
| **26** Th ◑ | 0100 | 0.3 | 9 |
| | 0512 | 0.5 | 15 |
| | 1146 | −0.2 | −6 |
| | 1915 | 1.0 | 30 |
| **27** F | 0219 | 0.1 | 3 |
| | 0611 | 0.3 | 9 |
| | 1206 | −0.2 | −6 |
| | 1948 | 1.2 | 37 |
| **28** Sa | 0328 | 0.0 | 0 |
| | 0717 | 0.1 | 3 |
| | 1231 | −0.2 | −6 |
| | 2028 | 1.3 | 40 |
| **29** Su | 0432 | −0.1 | −3 |
| | 0829 | 0.0 | 0 |
| | 1301 | −0.2 | −6 |
| | 2112 | 1.5 | 46 |
| **30** M | 0531 | −0.2 | −6 |
| | 0948 | −0.1 | −3 |
| | 1337 | −0.2 | −6 |
| | 2200 | 1.5 | 46 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Cristobal (Colon), Panama, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0628 | −0.3 | −9 |
| | 1115 | −0.1 | −3 |
| | 1417 | −0.2 | −6 |
| | 2251 | 1.5 | 46 |
| **2** W ● | 0721 | −0.4 | −12 |
| | 1251 | 0.0 | 0 |
| | 1503 | −0.1 | −3 |
| | 2345 | 1.5 | 46 |
| **3** Th | 0811 | −0.4 | −12 |
| **4** F | 0040 | 1.4 | 43 |
| | 0857 | −0.4 | −12 |
| | 1535 | 0.2 | 6 |
| | 1738 | 0.1 | 3 |
| **5** Sa | 0136 | 1.3 | 40 |
| | 0938 | −0.4 | −12 |
| | 1626 | 0.3 | 9 |
| | 1932 | 0.2 | 6 |
| **6** Su | 0232 | 1.1 | 34 |
| | 1016 | −0.4 | −12 |
| | 1708 | 0.5 | 15 |
| | 2124 | 0.3 | 9 |
| **7** M | 0330 | 0.9 | 27 |
| | 1050 | −0.3 | −9 |
| | 1748 | 0.7 | 21 |
| | 2305 | 0.3 | 9 |
| **8** Tu | 0428 | 0.7 | 21 |
| | 1121 | −0.3 | −9 |
| | 1825 | 0.9 | 27 |
| **9** W ◐ | 0033 | 0.2 | 6 |
| | 0528 | 0.5 | 15 |
| | 1149 | −0.2 | −6 |
| | 1901 | 1.0 | 30 |
| **10** Th | 0150 | 0.1 | 3 |
| | 0628 | 0.4 | 12 |
| | 1213 | −0.1 | −3 |
| | 1936 | 1.1 | 34 |
| **11** F | 0257 | 0.0 | 0 |
| | 0729 | 0.2 | 6 |
| | 1233 | −0.1 | −3 |
| | 2010 | 1.1 | 34 |
| **12** Sa | 0359 | −0.1 | −3 |
| | 0831 | 0.1 | 3 |
| | 1248 | 0.0 | 0 |
| | 2044 | 1.2 | 37 |
| **13** Su | 0457 | −0.1 | −3 |
| | 0937 | 0.1 | 3 |
| | 1255 | 0.0 | 0 |
| | 2119 | 1.2 | 37 |
| **14** M | 0555 | −0.1 | −3 |
| | 2153 | 1.2 | 37 |
| **15** Tu | 0653 | −0.2 | −6 |
| | 2229 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0748 | −0.2 | −6 |
| | 2305 | 1.2 | 37 |
| **17** Th | 0835 | −0.2 | −6 |
| | 2342 | 1.1 | 34 |
| **18** F ○ | 0911 | −0.2 | −6 |
| **19** Sa | 0020 | 1.1 | 34 |
| | 0936 | −0.2 | −6 |
| **20** Su | 0100 | 1.0 | 30 |
| | 0952 | −0.2 | −6 |
| **21** M | 0144 | 0.9 | 27 |
| | 1002 | −0.1 | −3 |
| | 1735 | 0.4 | 12 |
| | 2017 | 0.3 | 9 |
| **22** Tu | 0233 | 0.7 | 21 |
| | 1011 | −0.1 | −3 |
| | 1721 | 0.6 | 18 |
| | 2233 | 0.4 | 12 |
| **23** W | 0329 | 0.6 | 18 |
| | 1023 | −0.1 | −3 |
| | 1737 | 0.8 | 24 |
| **24** Th | 0004 | 0.2 | 6 |
| | 0430 | 0.4 | 12 |
| | 1040 | −0.1 | −3 |
| | 1804 | 1.0 | 30 |
| **25** F ◑ | 0114 | 0.1 | 3 |
| | 0532 | 0.3 | 9 |
| | 1103 | −0.1 | −3 |
| | 1839 | 1.2 | 37 |
| **26** Sa | 0213 | 0.0 | 0 |
| | 0633 | 0.2 | 6 |
| | 1133 | −0.1 | −3 |
| | 1919 | 1.3 | 40 |
| **27** Su | 0309 | −0.1 | −3 |
| | 0733 | 0.1 | 3 |
| | 1208 | −0.2 | −6 |
| | 2003 | 1.5 | 46 |
| **28** M | 0403 | −0.2 | −6 |
| | 0833 | 0.1 | 3 |
| | 1249 | −0.2 | −6 |
| | 2051 | 1.5 | 46 |
| **29** Tu | 0457 | −0.2 | −6 |
| | 0936 | 0.0 | 0 |
| | 1333 | −0.1 | −3 |
| | 2140 | 1.5 | 46 |
| **30** W | 0551 | −0.3 | −9 |
| | 1046 | 0.0 | 0 |
| | 1423 | −0.1 | −3 |
| | 2232 | 1.5 | 46 |
| **31** Th | 0643 | −0.3 | −9 |
| | 1204 | 0.1 | 3 |
| | 1521 | 0.0 | 0 |
| | 2325 | 1.3 | 40 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0731 | −0.3 | −9 |
| | 1326 | 0.2 | 6 |
| | 1637 | 0.1 | 3 |
| **2** Sa | 0021 | 1.2 | 37 |
| | 0816 | −0.2 | −6 |
| | 1437 | 0.4 | 12 |
| | 1817 | 0.2 | 6 |
| **3** Su | 0121 | 1.0 | 30 |
| | 0856 | −0.2 | −6 |
| | 1533 | 0.5 | 15 |
| | 2011 | 0.3 | 9 |
| **4** M | 0224 | 0.8 | 24 |
| | 0933 | −0.1 | −3 |
| | 1620 | 0.7 | 21 |
| | 2157 | 0.2 | 6 |
| **5** Tu | 0330 | 0.7 | 21 |
| | 1006 | −0.1 | −3 |
| | 1701 | 0.8 | 24 |
| | 2323 | 0.2 | 6 |
| **6** W | 0437 | 0.5 | 15 |
| | 1037 | 0.0 | 0 |
| | 1739 | 1.0 | 30 |
| **7** Th | 0033 | 0.1 | 3 |
| | 0540 | 0.4 | 12 |
| | 1105 | 0.0 | 0 |
| | 1815 | 1.0 | 30 |
| **8** F ◐ | 0131 | 0.0 | 0 |
| | 0637 | 0.3 | 9 |
| | 1131 | 0.0 | 0 |
| | 1851 | 1.1 | 34 |
| **9** Sa | 0223 | 0.0 | 0 |
| | 0728 | 0.3 | 9 |
| | 1155 | 0.1 | 3 |
| | 1926 | 1.2 | 37 |
| **10** Su | 0312 | −0.1 | −3 |
| | 0814 | 0.2 | 6 |
| | 1216 | 0.1 | 3 |
| | 2001 | 1.2 | 37 |
| **11** M | 0401 | −0.1 | −3 |
| | 0858 | 0.2 | 6 |
| | 1234 | 0.1 | 3 |
| | 2037 | 1.2 | 37 |
| **12** Tu | 0451 | −0.1 | −3 |
| | 0943 | 0.1 | 3 |
| | 1249 | 0.0 | 0 |
| | 2112 | 1.2 | 37 |
| **13** W | 0542 | −0.1 | −3 |
| | 1037 | 0.1 | 3 |
| | 1259 | 0.0 | 0 |
| | 2149 | 1.2 | 37 |
| **14** Th | 0632 | −0.1 | −3 |
| | 2226 | 1.1 | 34 |
| **15** F | 0715 | 0.0 | 0 |
| | 2306 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0747 | 0.0 | 0 |
| | 2349 | 0.9 | 27 |
| **17** Su | 0809 | 0.0 | 0 |
| | 1459 | 0.3 | 9 |
| | 1700 | 0.2 | 6 |
| **18** M | 0041 | 0.8 | 24 |
| | 0825 | 0.1 | 3 |
| | 1506 | 0.5 | 15 |
| | 1944 | 0.3 | 9 |
| **19** Tu | 0143 | 0.6 | 18 |
| | 0840 | 0.1 | 3 |
| | 1530 | 0.7 | 21 |
| | 2141 | 0.3 | 9 |
| **20** W | 0254 | 0.5 | 15 |
| | 0858 | 0.1 | 3 |
| | 1602 | 0.9 | 27 |
| | 2302 | 0.1 | 3 |
| **21** Th | 0404 | 0.4 | 12 |
| | 0922 | 0.1 | 3 |
| | 1639 | 1.0 | 30 |
| **22** F | 0004 | 0.0 | 0 |
| | 0508 | 0.3 | 9 |
| | 0953 | 0.0 | 0 |
| | 1720 | 1.2 | 37 |
| **23** Sa ◑ | 0058 | −0.1 | −3 |
| | 0605 | 0.3 | 9 |
| | 1031 | 0.0 | 0 |
| | 1805 | 1.3 | 40 |
| **24** Su | 0148 | −0.2 | −6 |
| | 0655 | 0.2 | 6 |
| | 1114 | 0.0 | 0 |
| | 1851 | 1.4 | 43 |
| **25** M | 0236 | −0.2 | −6 |
| | 0744 | 0.2 | 6 |
| | 1200 | 0.0 | 0 |
| | 1939 | 1.5 | 46 |
| **26** Tu | 0325 | −0.2 | −6 |
| | 0834 | 0.2 | 6 |
| | 1250 | 0.0 | 0 |
| | 2028 | 1.4 | 43 |
| **27** W | 0414 | −0.2 | −6 |
| | 0928 | 0.2 | 6 |
| | 1344 | 0.0 | 0 |
| | 2119 | 1.4 | 43 |
| **28** Th | 0502 | −0.2 | −6 |
| | 1027 | 0.3 | 9 |
| | 1445 | 0.1 | 3 |
| | 2212 | 1.2 | 37 |
| **29** F | 0549 | −0.1 | −3 |
| | 1132 | 0.4 | 12 |
| | 1559 | 0.2 | 6 |
| | 2308 | 1.1 | 34 |
| **30** Sa ● | 0633 | 0.0 | 0 |
| | 1238 | 0.5 | 15 |
| | 1731 | 0.2 | 6 |
| **31** Su | 0011 | 0.9 | 27 |
| | 0716 | 0.0 | 0 |
| | 1340 | 0.6 | 18 |
| | 1918 | 0.2 | 6 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0123 | 0.7 | 21 |
| | 0755 | 0.1 | 3 |
| | 1434 | 0.8 | 24 |
| | 2059 | 0.2 | 6 |
| **2** Tu | 0243 | 0.6 | 18 |
| | 0833 | 0.1 | 3 |
| | 1521 | 0.9 | 27 |
| | 2221 | 0.1 | 3 |
| **3** W | 0401 | 0.5 | 15 |
| | 0908 | 0.2 | 6 |
| | 1604 | 1.0 | 30 |
| | 2323 | 0.0 | 0 |
| **4** Th | 0510 | 0.4 | 12 |
| | 0942 | 0.2 | 6 |
| | 1644 | 1.0 | 30 |
| **5** F | 0014 | 0.0 | 0 |
| | 0605 | 0.4 | 12 |
| | 1014 | 0.2 | 6 |
| | 1722 | 1.1 | 34 |
| **6** Sa | 0059 | −0.1 | −3 |
| | 0649 | 0.4 | 12 |
| | 1045 | 0.2 | 6 |
| | 1759 | 1.1 | 34 |
| **7** Su ◐ | 0140 | −0.1 | −3 |
| | 0726 | 0.3 | 9 |
| | 1114 | 0.2 | 6 |
| | 1835 | 1.1 | 34 |
| **8** M | 0220 | −0.1 | −3 |
| | 0758 | 0.3 | 9 |
| | 1143 | 0.2 | 6 |
| | 1911 | 1.2 | 37 |
| **9** Tu | 0259 | 0.0 | 0 |
| | 0830 | 0.3 | 9 |
| | 1212 | 0.2 | 6 |
| | 1947 | 1.1 | 34 |
| **10** W | 0338 | 0.0 | 0 |
| | 0903 | 0.3 | 9 |
| | 1244 | 0.2 | 6 |
| | 2024 | 1.1 | 34 |
| **11** Th | 0415 | 0.0 | 0 |
| | 0940 | 0.3 | 9 |
| | 1322 | 0.2 | 6 |
| | 2101 | 1.0 | 30 |
| **12** F | 0449 | 0.1 | 3 |
| | 1022 | 0.3 | 9 |
| | 1414 | 0.2 | 6 |
| | 2142 | 1.0 | 30 |
| **13** Sa | 0518 | 0.1 | 3 |
| | 1107 | 0.4 | 12 |
| | 1529 | 0.3 | 9 |
| | 2228 | 0.8 | 24 |
| **14** Su | 0543 | 0.2 | 6 |
| | 1154 | 0.5 | 15 |
| | 1711 | 0.3 | 9 |
| | 2327 | 0.7 | 21 |
| **15** M ○ | 0604 | 0.2 | 6 |
| | 1240 | 0.7 | 21 |
| | 1907 | 0.3 | 9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0043 | 0.5 | 15 |
| | 0627 | 0.2 | 6 |
| | 1327 | 0.8 | 24 |
| | 2045 | 0.2 | 6 |
| **17** W | 0214 | 0.4 | 12 |
| | 0655 | 0.2 | 6 |
| | 1415 | 1.0 | 30 |
| | 2158 | 0.0 | 0 |
| **18** Th | 0340 | 0.4 | 12 |
| | 0732 | 0.2 | 6 |
| | 1503 | 1.2 | 37 |
| | 2255 | −0.1 | −3 |
| **19** F | 0447 | 0.3 | 9 |
| | 0819 | 0.2 | 6 |
| | 1552 | 1.3 | 40 |
| | 2345 | −0.2 | −6 |
| **20** Sa | 0539 | 0.3 | 9 |
| | 0913 | 0.2 | 6 |
| | 1642 | 1.4 | 43 |
| **21** Su | 0031 | −0.3 | −9 |
| | 0623 | 0.3 | 9 |
| | 1009 | 0.2 | 6 |
| | 1732 | 1.4 | 43 |
| **22** M ◑ | 0116 | −0.3 | −9 |
| | 0705 | 0.4 | 12 |
| | 1105 | 0.1 | 3 |
| | 1823 | 1.4 | 43 |
| **23** Tu | 0200 | −0.2 | −6 |
| | 0749 | 0.4 | 12 |
| | 1203 | 0.1 | 3 |
| | 1913 | 1.4 | 43 |
| **24** W | 0243 | −0.2 | −6 |
| | 0834 | 0.5 | 15 |
| | 1304 | 0.2 | 6 |
| | 2004 | 1.3 | 40 |
| **25** Th | 0325 | −0.1 | −3 |
| | 0922 | 0.5 | 15 |
| | 1412 | 0.2 | 6 |
| | 2056 | 1.1 | 34 |
| **26** F | 0404 | 0.0 | 0 |
| | 1013 | 0.6 | 18 |
| | 1529 | 0.2 | 6 |
| | 2153 | 0.9 | 27 |
| **27** Sa | 0442 | 0.1 | 3 |
| | 1106 | 0.7 | 21 |
| | 1700 | 0.2 | 6 |
| | 2259 | 0.7 | 21 |
| **28** Su | 0517 | 0.1 | 3 |
| | 1158 | 0.8 | 24 |
| | 1840 | 0.2 | 6 |
| **29** M ● | 0022 | 0.6 | 18 |
| | 0550 | 0.2 | 6 |
| | 1248 | 0.9 | 27 |
| | 2013 | 0.1 | 3 |
| **30** Tu | 0205 | 0.5 | 15 |
| | 0622 | 0.3 | 9 |
| | 1335 | 1.0 | 30 |
| | 2127 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Cristobal (Colon), Panama, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0352 | 0.4 | 12 |
| | 0653 | 0.3 | 9 |
| | 1420 | 1.1 | 34 |
| | 2223 | −0.1 | −3 |
| **2** Th | 0518 | 0.4 | 12 |
| | 0727 | 0.3 | 9 |
| | 1503 | 1.1 | 34 |
| | 2309 | −0.1 | −3 |
| **3** F | 1544 | 1.1 | 34 |
| | 2349 | −0.1 | −3 |
| **4** Sa | 0647 | 0.4 | 12 |
| | 0854 | 0.3 | 9 |
| | 1624 | 1.1 | 34 |
| **5** Su | 0024 | −0.1 | −3 |
| | 0710 | 0.4 | 12 |
| | 0938 | 0.3 | 9 |
| | 1702 | 1.1 | 34 |
| **6** M | 0058 | −0.1 | −3 |
| | 0731 | 0.4 | 12 |
| | 1021 | 0.3 | 9 |
| | 1739 | 1.1 | 34 |
| **7** Tu ◐ | 0130 | −0.1 | −3 |
| | 0751 | 0.4 | 12 |
| | 1104 | 0.3 | 9 |
| | 1816 | 1.1 | 34 |
| **8** W | 0200 | −0.1 | −3 |
| | 0814 | 0.5 | 15 |
| | 1150 | 0.3 | 9 |
| | 1852 | 1.1 | 34 |
| **9** Th | 0227 | 0.0 | 0 |
| | 0840 | 0.5 | 15 |
| | 1244 | 0.4 | 12 |
| | 1929 | 1.0 | 30 |
| **10** F | 0251 | 0.0 | 0 |
| | 0908 | 0.6 | 18 |
| | 1349 | 0.4 | 12 |
| | 2009 | 0.9 | 27 |
| **11** Sa | 0311 | 0.1 | 3 |
| | 0941 | 0.7 | 21 |
| | 1509 | 0.4 | 12 |
| | 2056 | 0.7 | 21 |
| **12** Su | 0329 | 0.1 | 3 |
| | 1017 | 0.8 | 24 |
| | 1642 | 0.3 | 9 |
| | 2154 | 0.6 | 18 |
| **13** M | 0346 | 0.2 | 6 |
| | 1058 | 1.0 | 30 |
| | 1821 | 0.2 | 6 |
| | 2317 | 0.4 | 12 |
| **14** Tu ○ | 0405 | 0.2 | 6 |
| | 1144 | 1.1 | 34 |
| | 1947 | 0.1 | 3 |
| **15** W | 0107 | 0.3 | 9 |
| | 0427 | 0.2 | 6 |
| | 1234 | 1.2 | 37 |
| | 2053 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 1327 | 1.3 | 40 |
| | 2148 | −0.2 | −6 |
| **17** F | 1421 | 1.4 | 43 |
| | 2236 | −0.3 | −9 |
| **18** Sa | 0511 | 0.3 | 9 |
| | 0720 | 0.2 | 6 |
| | 1516 | 1.5 | 46 |
| | 2320 | −0.3 | −9 |
| **19** Su | 0548 | 0.4 | 12 |
| | 0840 | 0.3 | 9 |
| | 1609 | 1.5 | 46 |
| **20** M | 0003 | −0.3 | −9 |
| | 0626 | 0.4 | 12 |
| | 0954 | 0.3 | 9 |
| | 1702 | 1.4 | 43 |
| **21** Tu ◑ | 0044 | −0.3 | −9 |
| | 0705 | 0.5 | 15 |
| | 1106 | 0.3 | 9 |
| | 1754 | 1.4 | 43 |
| **22** W | 0123 | −0.3 | −9 |
| | 0747 | 0.6 | 18 |
| | 1219 | 0.3 | 9 |
| | 1846 | 1.2 | 37 |
| **23** Th | 0200 | −0.2 | −6 |
| | 0829 | 0.7 | 21 |
| | 1335 | 0.3 | 9 |
| | 1939 | 1.0 | 30 |
| **24** F | 0234 | −0.1 | −3 |
| | 0913 | 0.9 | 27 |
| | 1458 | 0.3 | 9 |
| | 2035 | 0.8 | 24 |
| **25** Sa | 0304 | 0.0 | 0 |
| | 0956 | 1.0 | 30 |
| | 1628 | 0.3 | 9 |
| | 2141 | 0.6 | 18 |
| **26** Su | 0329 | 0.1 | 3 |
| | 1039 | 1.1 | 34 |
| | 1801 | 0.2 | 6 |
| | 2308 | 0.4 | 12 |
| **27** M | 0347 | 0.2 | 6 |
| | 1121 | 1.1 | 34 |
| | 1927 | 0.1 | 3 |
| **28** Tu ● | 0119 | 0.3 | 9 |
| | 0344 | 0.2 | 6 |
| | 1203 | 1.2 | 37 |
| | 2035 | 0.0 | 0 |
| **29** W | 1245 | 1.2 | 37 |
| | 2129 | −0.1 | −3 |
| **30** Th | 1326 | 1.2 | 37 |
| | 2213 | −0.2 | −6 |
| **31** F | 1407 | 1.2 | 37 |
| | 2251 | −0.2 | −6 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 1447 | 1.2 | 37 |
| | 2324 | −0.2 | −6 |
| **2** Su | 1526 | 1.2 | 37 |
| | 2354 | −0.2 | −6 |
| **3** M | 1604 | 1.2 | 37 |
| **4** Tu | 0021 | −0.1 | −3 |
| | 1641 | 1.1 | 34 |
| **5** W ◐ | 0044 | −0.1 | −3 |
| | 0753 | 0.5 | 15 |
| | 1027 | 0.4 | 12 |
| | 1718 | 1.1 | 34 |
| **6** Th | 0104 | −0.1 | −3 |
| | 0759 | 0.6 | 18 |
| | 1146 | 0.5 | 15 |
| | 1755 | 1.0 | 30 |
| **7** F | 0121 | 0.0 | 0 |
| | 0815 | 0.7 | 21 |
| | 1306 | 0.5 | 15 |
| | 1835 | 0.8 | 24 |
| **8** Sa | 0136 | 0.0 | 0 |
| | 0838 | 0.9 | 27 |
| | 1431 | 0.4 | 12 |
| | 1920 | 0.7 | 21 |
| **9** Su | 0150 | 0.0 | 0 |
| | 0907 | 1.0 | 30 |
| | 1600 | 0.3 | 9 |
| | 2016 | 0.5 | 15 |
| **10** M | 0205 | 0.1 | 3 |
| | 0942 | 1.2 | 37 |
| | 1727 | 0.2 | 6 |
| | 2130 | 0.3 | 9 |
| **11** Tu | 0221 | 0.1 | 3 |
| | 1023 | 1.3 | 40 |
| | 1843 | 0.0 | 0 |
| | 2313 | 0.2 | 6 |
| **12** W | 0239 | 0.1 | 3 |
| | 1110 | 1.4 | 43 |
| | 1946 | −0.1 | −3 |
| **13** Th ○ | 1201 | 1.5 | 46 |
| | 2039 | −0.2 | −6 |
| **14** F | 1255 | 1.6 | 49 |
| | 2127 | −0.3 | −9 |
| **15** Sa | 1350 | 1.6 | 49 |
| | 2212 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 1446 | 1.5 | 46 |
| | 2254 | −0.4 | −12 |
| **17** M | 0539 | 0.4 | 12 |
| | 0820 | 0.3 | 9 |
| | 1541 | 1.5 | 46 |
| | 2333 | −0.4 | −12 |
| **18** Tu | 0616 | 0.6 | 18 |
| | 0952 | 0.4 | 12 |
| | 1635 | 1.3 | 40 |
| **19** W ◑ | 0010 | −0.4 | −12 |
| | 0655 | 0.7 | 21 |
| | 1120 | 0.4 | 12 |
| | 1728 | 1.2 | 37 |
| **20** Th | 0045 | −0.3 | −9 |
| | 0734 | 0.8 | 24 |
| | 1247 | 0.4 | 12 |
| | 1823 | 0.9 | 27 |
| **21** F | 0116 | −0.2 | −6 |
| | 0814 | 1.0 | 30 |
| | 1414 | 0.3 | 9 |
| | 1919 | 0.7 | 21 |
| **22** Sa | 0144 | −0.1 | −3 |
| | 0853 | 1.1 | 34 |
| | 1541 | 0.2 | 6 |
| | 2023 | 0.5 | 15 |
| **23** Su | 0206 | 0.0 | 0 |
| | 0932 | 1.2 | 37 |
| | 1707 | 0.1 | 3 |
| | 2142 | 0.3 | 9 |
| **24** M | 0220 | 0.1 | 3 |
| | 1010 | 1.3 | 40 |
| | 1825 | 0.0 | 0 |
| | 2336 | 0.2 | 6 |
| **25** Tu | 0212 | 0.1 | 3 |
| | 1048 | 1.3 | 40 |
| | 1933 | −0.1 | −3 |
| **26** W | 1125 | 1.3 | 40 |
| | 2029 | −0.2 | −6 |
| **27** Th ● | 1204 | 1.3 | 40 |
| | 2117 | −0.2 | −6 |
| **28** F | 1242 | 1.3 | 40 |
| | 2157 | −0.2 | −6 |
| **29** Sa | 1320 | 1.2 | 37 |
| | 2232 | −0.2 | −6 |
| **30** Su | 1358 | 1.2 | 37 |
| | 2301 | −0.2 | −6 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 1435 | 1.2 | 37 |
| | 2324 | −0.2 | −6 |
| **2** Tu | 1512 | 1.1 | 34 |
| | 2343 | −0.2 | −6 |
| **3** W | 1549 | 1.0 | 30 |
| | 2357 | −0.1 | −3 |
| **4** Th | 0731 | 0.6 | 18 |
| | 1030 | 0.5 | 15 |
| | 1628 | 0.9 | 27 |
| **5** F ◐ | 0009 | −0.1 | −3 |
| | 0727 | 0.7 | 21 |
| | 1213 | 0.5 | 15 |
| | 1709 | 0.8 | 24 |
| **6** Sa | 0020 | −0.1 | −3 |
| | 0740 | 0.9 | 27 |
| | 1344 | 0.4 | 12 |
| | 1755 | 0.6 | 18 |
| **7** Su | 0033 | −0.1 | −3 |
| | 0803 | 1.1 | 34 |
| | 1507 | 0.3 | 9 |
| | 1850 | 0.4 | 12 |
| **8** M | 0049 | −0.1 | −3 |
| | 0835 | 1.2 | 37 |
| | 1623 | 0.1 | 3 |
| | 1956 | 0.3 | 9 |
| **9** Tu | 0108 | −0.1 | −3 |
| | 0912 | 1.4 | 43 |
| | 1730 | 0.0 | 0 |
| | 2117 | 0.1 | 3 |
| **10** W | 0132 | −0.1 | −3 |
| | 0956 | 1.5 | 46 |
| | 1830 | −0.1 | −3 |
| | 2254 | 0.0 | 0 |
| **11** Th | 0159 | −0.1 | −3 |
| | 1044 | 1.6 | 49 |
| | 1925 | −0.2 | −6 |
| **12** F ○ | 1136 | 1.6 | 49 |
| | 2014 | −0.3 | −9 |
| **13** Sa | 1230 | 1.6 | 49 |
| | 2100 | −0.4 | −12 |
| **14** Su | 1326 | 1.5 | 46 |
| | 2143 | −0.4 | −12 |
| **15** M | 1422 | 1.4 | 43 |
| | 2223 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0512 | 0.5 | 15 |
| | 0824 | 0.4 | 12 |
| | 1518 | 1.3 | 40 |
| | 2300 | −0.4 | −12 |
| **17** W | 0551 | 0.6 | 18 |
| | 1009 | 0.4 | 12 |
| | 1614 | 1.1 | 34 |
| | 2334 | −0.3 | −9 |
| **18** Th | 0631 | 0.8 | 24 |
| | 1145 | 0.4 | 12 |
| | 1711 | 0.9 | 27 |
| **19** F ◑ | 0006 | −0.3 | −9 |
| | 0709 | 1.0 | 30 |
| | 1315 | 0.3 | 9 |
| | 1811 | 0.7 | 21 |
| **20** Sa | 0034 | −0.2 | −6 |
| | 0747 | 1.1 | 34 |
| | 1437 | 0.2 | 6 |
| | 1914 | 0.5 | 15 |
| **21** Su | 0059 | −0.1 | −3 |
| | 0825 | 1.2 | 37 |
| | 1553 | 0.1 | 3 |
| | 2023 | 0.3 | 9 |
| **22** M | 0118 | 0.0 | 0 |
| | 0902 | 1.3 | 40 |
| | 1703 | 0.0 | 0 |
| | 2142 | 0.2 | 6 |
| **23** Tu | 0127 | 0.1 | 3 |
| | 0939 | 1.3 | 40 |
| | 1809 | −0.1 | −3 |
| **24** W | 1015 | 1.3 | 40 |
| | 1910 | −0.2 | −6 |
| **25** Th | 1052 | 1.3 | 40 |
| | 2006 | −0.2 | −6 |
| **26** F | 1128 | 1.3 | 40 |
| | 2055 | −0.2 | −6 |
| **27** Sa ● | 1205 | 1.2 | 37 |
| | 2135 | −0.2 | −6 |
| **28** Su | 1241 | 1.2 | 37 |
| | 2207 | −0.2 | −6 |
| **29** M | 1317 | 1.1 | 34 |
| | 2230 | −0.2 | −6 |
| **30** Tu | 1354 | 1.0 | 30 |
| | 2246 | −0.2 | −6 |
| **31** W | 1433 | 0.9 | 27 |
| | 2257 | −0.2 | −6 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Bermuda Esso Pier, St. Georges Island, Bermuda, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Tu | 0251 | 2.4 / 73 | **16** W | 0202 | 2.6 / 79 |
| | 0913 | 0.6 / 18 | | 0826 | 0.3 / 9 |
| | 1458 | 1.9 / 58 | | 1413 | 2.0 / 61 |
| | 2104 | 0.4 / 12 | | 2022 | −0.1 / −3 |
| **2** W | 0347 | 2.4 / 73 | **17** Th | 0309 | 2.7 / 82 |
| | 1017 | 0.6 / 18 | | 0942 | 0.3 / 9 |
| | 1557 | 1.8 / 55 | | 1524 | 1.9 / 58 |
| | 2156 | 0.4 / 12 | | 2129 | −0.1 / −3 |
| **3** Th | 0441 | 2.5 / 76 | **18** F | 0418 | 2.8 / 85 |
| | 1115 | 0.5 / 15 | | 1055 | 0.2 / 6 |
| | 1653 | 1.8 / 55 | | 1637 | 1.9 / 58 |
| | 2247 | 0.3 / 9 | | 2237 | −0.1 / −3 |
| **4** F | 0531 | 2.6 / 79 | **19** Sa | 0524 | 3.0 / 91 |
| | 1205 | 0.4 / 12 | | 1200 | 0.0 / 0 |
| | 1745 | 1.8 / 55 | | 1745 | 2.0 / 61 |
| | 2336 | 0.3 / 9 | | 2343 | −0.2 / −6 |
| **5** Sa | 0617 | 2.7 / 82 | **20** Su | 0624 | 3.1 / 94 |
| | 1250 | 0.3 / 9 | | 1257 | −0.1 / −3 |
| | 1832 | 1.9 / 58 | | 1845 | 2.2 / 67 |
| **6** Su | 0022 | 0.2 / 6 | **21** M | 0043 | −0.4 / −12 |
| | 0659 | 2.8 / 85 | | 0719 | 3.2 / 98 |
| | 1330 | 0.2 / 6 | | 1348 | −0.2 / −6 |
| | 1914 | 2.0 / 61 | | 1939 | 2.3 / 70 |
| **7** M | 0106 | 0.1 / 3 | **22** Tu ○ | 0138 | −0.4 / −12 |
| | 0740 | 2.9 / 88 | | 0809 | 3.2 / 98 |
| | 1409 | 0.1 / 3 | | 1434 | −0.3 / −9 |
| | 1955 | 2.0 / 61 | | 2029 | 2.4 / 73 |
| **8** Tu ● | 0147 | 0.0 / 0 | **23** W | 0229 | −0.5 / −15 |
| | 0818 | 2.9 / 88 | | 0855 | 3.2 / 98 |
| | 1445 | 0.0 / 0 | | 1518 | −0.4 / −12 |
| | 2033 | 2.1 / 64 | | 2116 | 2.5 / 76 |
| **9** W | 0226 | −0.1 / −3 | **24** Th | 0318 | −0.4 / −12 |
| | 0855 | 3.0 / 91 | | 0939 | 3.0 / 91 |
| | 1521 | 0.0 / 0 | | 1559 | −0.4 / −12 |
| | 2112 | 2.2 / 67 | | 2202 | 2.6 / 79 |
| **10** Th | 0306 | −0.1 / −3 | **25** F | 0404 | −0.3 / −9 |
| | 0932 | 2.9 / 88 | | 1020 | 2.8 / 85 |
| | 1556 | −0.1 / −3 | | 1637 | −0.3 / −9 |
| | 2151 | 2.3 / 70 | | 2245 | 2.5 / 76 |
| **11** F | 0347 | −0.1 / −3 | **26** Sa | 0450 | −0.1 / −3 |
| | 1009 | 2.9 / 88 | | 1100 | 2.6 / 79 |
| | 1631 | −0.1 / −3 | | 1715 | −0.2 / −6 |
| | 2233 | 2.4 / 73 | | 2329 | 2.5 / 76 |
| **12** Sa | 0431 | 0.0 / 0 | **27** Su | 0536 | 0.0 / 0 |
| | 1047 | 2.7 / 82 | | 1140 | 2.3 / 70 |
| | 1708 | −0.1 / −3 | | 1752 | −0.1 / −3 |
| | 2317 | 2.4 / 73 | | | |
| **13** Su | 0519 | 0.0 / 0 | **28** M | 0013 | 2.4 / 73 |
| | 1129 | 2.6 / 79 | | 0624 | 0.2 / 6 |
| | 1748 | −0.1 / −3 | | 1220 | 2.1 / 64 |
| | | | | 1830 | 0.1 / 3 |
| **14** M | 0006 | 2.5 / 76 | **29** Tu | 0100 | 2.3 / 70 |
| | 0613 | 0.1 / 3 | | 0717 | 0.4 / 12 |
| | 1216 | 2.4 / 73 | | 1305 | 1.8 / 55 |
| | 1832 | −0.1 / −3 | | 1912 | 0.2 / 6 |
| **15** Tu ◐ | 0100 | 2.6 / 79 | **30** W ◑ | 0152 | 2.2 / 67 |
| | 0716 | 0.2 / 6 | | 0817 | 0.5 / 15 |
| | 1310 | 2.2 / 67 | | 1357 | 1.7 / 52 |
| | 1923 | −0.1 / −3 | | 2001 | 0.3 / 9 |
| | | | **31** Th | 0250 | 2.2 / 67 |
| | | | | 0925 | 0.6 / 18 |
| | | | | 1459 | 1.5 / 46 |
| | | | | 2059 | 0.4 / 12 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** F | 0353 | 2.2 / 67 | **16** Sa | 0407 | 2.6 / 79 |
| | 1033 | 0.6 / 18 | | 1046 | 0.2 / 6 |
| | 1606 | 1.5 / 46 | | 1630 | 1.8 / 55 |
| | 2203 | 0.3 / 9 | | 2231 | −0.1 / −3 |
| **2** Sa | 0454 | 2.3 / 70 | **17** Su | 0516 | 2.7 / 82 |
| | 1132 | 0.5 / 15 | | 1151 | 0.1 / 3 |
| | 1709 | 1.6 / 49 | | 1740 | 1.9 / 58 |
| | 2303 | 0.3 / 9 | | 2340 | −0.2 / −6 |
| **3** Su | 0548 | 2.4 / 73 | **18** M | 0617 | 2.8 / 85 |
| | 1222 | 0.3 / 9 | | 1245 | −0.1 / −3 |
| | 1803 | 1.7 / 52 | | 1838 | 2.1 / 64 |
| | 2356 | 0.1 / 3 | | | |
| **4** M | 0634 | 2.6 / 79 | **19** Tu | 0039 | −0.3 / −9 |
| | 1304 | 0.2 / 6 | | 0709 | 2.9 / 88 |
| | 1849 | 1.9 / 58 | | 1332 | −0.3 / −9 |
| | | | | 1929 | 2.3 / 70 |
| **5** Tu | 0043 | 0.0 / 0 | **20** W ○ | 0131 | −0.4 / −12 |
| | 0716 | 2.7 / 82 | | 0754 | 2.9 / 88 |
| | 1342 | 0.0 / 0 | | 1413 | −0.4 / −12 |
| | 1931 | 2.0 / 61 | | 2015 | 2.5 / 76 |
| **6** W ● | 0127 | −0.2 / −6 | **21** Th | 0219 | −0.4 / −12 |
| | 0754 | 2.8 / 85 | | 0836 | 2.9 / 88 |
| | 1417 | −0.1 / −3 | | 1451 | −0.4 / −12 |
| | 2011 | 2.2 / 67 | | 2056 | 2.6 / 79 |
| **7** Th | 0209 | −0.3 / −9 | **22** F | 0302 | −0.4 / −12 |
| | 0831 | 2.9 / 88 | | 0915 | 2.8 / 85 |
| | 1451 | −0.3 / −9 | | 1527 | −0.4 / −12 |
| | 2050 | 2.4 / 73 | | 2136 | 2.7 / 82 |
| **8** F | 0250 | −0.3 / −9 | **23** Sa | 0344 | −0.3 / −9 |
| | 0908 | 2.9 / 88 | | 0951 | 2.6 / 79 |
| | 1526 | −0.4 / −12 | | 1600 | −0.4 / −12 |
| | 2130 | 2.5 / 76 | | 2214 | 2.6 / 79 |
| **9** Sa | 0333 | −0.4 / −12 | **24** Su | 0424 | −0.2 / −6 |
| | 0946 | 2.8 / 85 | | 1027 | 2.4 / 73 |
| | 1601 | −0.4 / −12 | | 1633 | −0.3 / −9 |
| | 2211 | 2.7 / 82 | | 2251 | 2.6 / 79 |
| **10** Su | 0418 | −0.3 / −9 | **25** M | 0505 | 0.0 / 0 |
| | 1025 | 2.7 / 82 | | 1102 | 2.2 / 67 |
| | 1638 | −0.4 / −12 | | 1706 | −0.1 / −3 |
| | 2255 | 2.7 / 82 | | 2329 | 2.5 / 76 |
| **11** M | 0506 | −0.2 / −6 | **26** Tu | 0546 | 0.1 / 3 |
| | 1108 | 2.5 / 76 | | 1138 | 2.0 / 61 |
| | 1718 | −0.4 / −12 | | 1741 | 0.0 / 0 |
| | 2343 | 2.8 / 85 | | | |
| **12** Tu | 0600 | −0.1 / −3 | **27** W | 0011 | 2.4 / 73 |
| | 1154 | 2.2 / 67 | | 0632 | 0.3 / 9 |
| | 1803 | −0.3 / −9 | | 1217 | 1.8 / 55 |
| | | | | 1819 | 0.2 / 6 |
| **13** W ◐ | 0037 | 2.7 / 82 | **28** Th ◑ | 0058 | 2.2 / 67 |
| | 0700 | 0.1 / 3 | | 0725 | 0.5 / 15 |
| | 1249 | 2.0 / 61 | | 1304 | 1.6 / 49 |
| | 1856 | −0.2 / −6 | | 1907 | 0.3 / 9 |
| **14** Th | 0140 | 2.7 / 82 | **29** F | 0155 | 2.1 / 64 |
| | 0811 | 0.2 / 6 | | 0830 | 0.6 / 18 |
| | 1354 | 1.8 / 55 | | 1405 | 1.5 / 46 |
| | 2000 | −0.1 / −3 | | 2007 | 0.4 / 12 |
| **15** F | 0251 | 2.6 / 79 | | | |
| | 0929 | 0.3 / 9 | | | |
| | 1511 | 1.7 / 52 | | | |
| | 2114 | 0.0 / 0 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0303 | 2.1 / 64 | **16** Su | 0356 | 2.5 / 76 |
| | 0943 | 0.6 / 18 | | 1032 | 0.2 / 6 |
| | 1518 | 1.5 / 46 | | 1626 | 1.8 / 55 |
| | 2117 | 0.4 / 12 | | 2228 | 0.0 / 0 |
| **2** Su | 0411 | 2.1 / 64 | **17** M | 0505 | 2.5 / 76 |
| | 1050 | 0.5 / 15 | | 1134 | 0.1 / 3 |
| | 1630 | 1.5 / 46 | | 1732 | 2.0 / 61 |
| | 2226 | 0.3 / 9 | | 2335 | −0.1 / −3 |
| **3** M | 0511 | 2.3 / 70 | **18** Tu | 0602 | 2.6 / 79 |
| | 1143 | 0.3 / 9 | | 1224 | −0.1 / −3 |
| | 1729 | 1.7 / 52 | | 1827 | 2.3 / 70 |
| | 2326 | 0.1 / 3 | | | |
| **4** Tu | 0600 | 2.4 / 73 | **19** W | 0032 | −0.2 / −6 |
| | 1226 | 0.1 / 3 | | 0651 | 2.6 / 79 |
| | 1818 | 1.9 / 58 | | 1307 | −0.2 / −6 |
| | | | | 1913 | 2.5 / 76 |
| **5** W | 0017 | 0.0 / 0 | **20** Th | 0120 | −0.3 / −9 |
| | 0643 | 2.6 / 79 | | 0733 | 2.6 / 79 |
| | 1304 | −0.1 / −3 | | 1345 | −0.3 / −9 |
| | 1902 | 2.2 / 67 | | 1954 | 2.6 / 79 |
| **6** Th | 0104 | −0.2 / −6 | **21** F ○ | 0204 | −0.3 / −9 |
| | 0724 | 2.7 / 82 | | 0812 | 2.6 / 79 |
| | 1340 | −0.3 / −9 | | 1419 | −0.3 / −9 |
| | 1943 | 2.5 / 76 | | 2032 | 2.7 / 82 |
| **7** F ● | 0149 | −0.4 / −12 | **22** Sa | 0244 | −0.3 / −9 |
| | 0803 | 2.8 / 85 | | 0848 | 2.5 / 76 |
| | 1416 | −0.4 / −12 | | 1452 | −0.3 / −9 |
| | 2024 | 2.7 / 82 | | 2107 | 2.8 / 85 |
| **8** Sa | 0233 | −0.5 / −15 | **23** Su | 0322 | −0.3 / −9 |
| | 0842 | 2.8 / 85 | | 0922 | 2.4 / 73 |
| | 1452 | −0.5 / −15 | | 1523 | −0.3 / −9 |
| | 2106 | 2.9 / 88 | | 2142 | 2.8 / 85 |
| **9** Su | 0318 | −0.5 / −15 | **24** M | 0359 | −0.2 / −6 |
| | 0923 | 2.7 / 82 | | 0956 | 2.2 / 67 |
| | 1530 | −0.6 / −18 | | 1555 | −0.2 / −6 |
| | 2149 | 3.0 / 91 | | 2217 | 2.7 / 82 |
| **10** M | 0405 | −0.5 / −15 | **25** Tu | 0436 | 0.0 / 0 |
| | 1005 | 2.5 / 76 | | 1029 | 2.1 / 64 |
| | 1610 | −0.6 / −18 | | 1627 | −0.1 / −3 |
| | 2234 | 3.0 / 91 | | 2253 | 2.6 / 79 |
| **11** Tu | 0454 | −0.3 / −9 | **26** W | 0515 | 0.1 / 3 |
| | 1050 | 2.4 / 73 | | 1104 | 1.9 / 58 |
| | 1654 | −0.5 / −15 | | 1701 | 0.1 / 3 |
| | 2324 | 3.0 / 91 | | 2332 | 2.4 / 73 |
| **12** W | 0548 | −0.2 / −6 | **27** Th | 0557 | 0.3 / 9 |
| | 1139 | 2.1 / 64 | | 1142 | 1.8 / 55 |
| | 1743 | −0.3 / −9 | | 1739 | 0.2 / 6 |
| **13** Th | 0020 | 2.8 / 85 | **28** F | 0017 | 2.3 / 70 |
| | 0649 | 0.0 / 0 | | 0646 | 0.4 / 12 |
| | 1237 | 1.9 / 58 | | 1227 | 1.6 / 49 |
| | 1840 | −0.2 / −6 | | 1825 | 0.3 / 9 |
| **14** F ◐ | 0125 | 2.7 / 82 | **29** Sa ◑ | 0110 | 2.2 / 67 |
| | 0800 | 0.2 / 6 | | 0745 | 0.6 / 18 |
| | 1346 | 1.8 / 55 | | 1324 | 1.5 / 46 |
| | 1950 | 0.0 / 0 | | 1924 | 0.4 / 12 |
| **15** Sa | 0239 | 2.5 / 76 | **30** Su | 0214 | 2.1 / 64 |
| | 0918 | 0.2 / 6 | | 0853 | 0.6 / 18 |
| | 1507 | 1.7 / 52 | | 1435 | 1.5 / 46 |
| | 2110 | 0.1 / 3 | | 2034 | 0.4 / 12 |
| | | | **31** M | 0321 | 2.1 / 64 |
| | | | | 0958 | 0.5 / 15 |
| | | | | 1548 | 1.6 / 49 |
| | | | | 2147 | 0.4 / 12 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bermuda Esso Pier, St. Georges Island, Bermuda, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0423 | 2.2 | 67 | **16** W | 0537 | 2.4 | 73 |
| | 1052 | 0.3 | 9 | | 1152 | 0.0 | 0 |
| | 1650 | 1.9 | 58 | | 1806 | 2.4 | 73 |
| | 2251 | 0.2 | 6 | | | | |
| **2** W | 0516 | 2.4 | 73 | **17** Th | 0017 | 0.0 | 0 |
| | 1138 | 0.1 | 3 | | 0624 | 2.4 | 73 |
| | 1742 | 2.1 | 64 | | 1233 | −0.1 | −3 |
| | 2347 | 0.0 | 0 | | 1849 | 2.6 | 79 |
| **3** Th | 0604 | 2.5 | 76 | **18** F | 0104 | −0.1 | −3 |
| | 1219 | −0.1 | −3 | | 0706 | 2.4 | 73 |
| | 1828 | 2.5 | 76 | | 1309 | −0.2 | −6 |
| | | | | | 1928 | 2.7 | 82 |
| **4** F | 0039 | −0.2 | −6 | **19** Sa | 0145 | −0.1 | −3 |
| | 0649 | 2.6 | 79 | | 0744 | 2.3 | 70 |
| | 1258 | −0.3 | −9 | | 1343 | −0.2 | −6 |
| | 1913 | 2.8 | 85 | | 2004 | 2.8 | 85 |
| **5** Sa | 0127 | −0.4 | −12 | **20** Su | 0224 | −0.1 | −3 |
| | 0732 | 2.6 | 79 | | 0819 | 2.3 | 70 |
| | 1338 | −0.5 | −15 | | 1416 | −0.2 | −6 |
| ● | 1957 | 3.1 | 94 | ○ | 2039 | 2.9 | 88 |
| **6** Su | 0215 | −0.5 | −15 | **21** M | 0300 | −0.1 | −3 |
| | 0816 | 2.6 | 79 | | 0854 | 2.2 | 67 |
| | 1419 | −0.6 | −18 | | 1449 | −0.1 | −3 |
| | 2042 | 3.3 | 101 | | 2113 | 2.8 | 85 |
| **7** M | 0303 | −0.5 | −15 | **22** Tu | 0336 | −0.1 | −3 |
| | 0901 | 2.6 | 79 | | 0928 | 2.1 | 64 |
| | 1502 | −0.6 | −18 | | 1522 | −0.1 | −3 |
| | 2128 | 3.3 | 101 | | 2148 | 2.8 | 85 |
| **8** Tu | 0352 | −0.5 | −15 | **23** W | 0413 | 0.0 | 0 |
| | 0947 | 2.5 | 76 | | 1003 | 2.0 | 61 |
| | 1547 | −0.6 | −18 | | 1556 | 0.0 | 0 |
| | 2217 | 3.3 | 101 | | 2225 | 2.7 | 82 |
| **9** W | 0443 | −0.4 | −12 | **24** Th | 0451 | 0.2 | 6 |
| | 1036 | 2.3 | 70 | | 1039 | 1.9 | 58 |
| | 1636 | −0.5 | −15 | | 1632 | 0.1 | 3 |
| | 2310 | 3.1 | 94 | | 2304 | 2.6 | 79 |
| **10** Th | 0539 | −0.2 | −6 | **25** F | 0532 | 0.3 | 9 |
| | 1129 | 2.2 | 67 | | 1118 | 1.8 | 55 |
| | 1730 | −0.3 | −9 | | 1711 | 0.2 | 6 |
| | | | | | 2347 | 2.4 | 73 |
| **11** F | 0008 | 2.9 | 88 | **26** Sa | 0618 | 0.4 | 12 |
| | 0640 | 0.0 | 0 | | 1202 | 1.7 | 52 |
| | 1231 | 2.0 | 61 | | 1756 | 0.3 | 9 |
| | 1832 | −0.1 | −3 | | | | |
| **12** Sa | 0113 | 2.7 | 82 | **27** Su | 0035 | 2.3 | 70 |
| | 0748 | 0.1 | 3 | | 0709 | 0.5 | 15 |
| | 1342 | 1.9 | 58 | | 1257 | 1.7 | 52 |
| ◐ | 1944 | 0.1 | 3 | | 1851 | 0.4 | 12 |
| **13** Su | 0225 | 2.5 | 76 | **28** M | 0131 | 2.2 | 67 |
| | 0900 | 0.2 | 6 | | 0806 | 0.5 | 15 |
| | 1500 | 1.9 | 58 | | 1400 | 1.7 | 52 |
| | 2103 | 0.2 | 6 | ◑ | 1957 | 0.5 | 15 |
| **14** M | 0337 | 2.4 | 73 | **29** Tu | 0231 | 2.2 | 67 |
| | 1008 | 0.2 | 6 | | 0903 | 0.4 | 12 |
| | 1613 | 2.0 | 61 | | 1507 | 1.9 | 58 |
| | 2219 | 0.1 | 3 | | 2108 | 0.4 | 12 |
| **15** Tu | 0442 | 2.4 | 73 | **30** W | 0331 | 2.2 | 67 |
| | 1105 | 0.1 | 3 | | 0956 | 0.3 | 9 |
| | 1715 | 2.2 | 67 | | 1608 | 2.1 | 64 |
| | 2323 | 0.1 | 3 | | 2216 | 0.3 | 9 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Th | 0428 | 2.3 | 70 | **16** F | 0551 | 2.2 | 67 |
| | 1045 | 0.1 | 3 | | 1153 | 0.1 | 3 |
| | 1703 | 2.4 | 73 | | 1820 | 2.7 | 82 |
| | 2317 | 0.1 | 3 | | | | |
| **2** F | 0522 | 2.4 | 73 | **17** Sa | 0042 | 0.1 | 3 |
| | 1132 | −0.1 | −3 | | 0634 | 2.1 | 64 |
| | 1754 | 2.8 | 85 | | 1231 | 0.0 | 0 |
| | | | | | 1859 | 2.8 | 85 |
| **3** Sa | 0013 | −0.1 | −3 | **18** Su | 0124 | 0.1 | 3 |
| | 0613 | 2.4 | 73 | | 0714 | 2.1 | 64 |
| | 1217 | −0.3 | −9 | | 1308 | 0.0 | 0 |
| | 1843 | 3.1 | 94 | | 1936 | 2.9 | 88 |
| **4** Su | 0106 | −0.3 | −9 | **19** M | 0202 | 0.1 | 3 |
| | 0703 | 2.5 | 76 | | 0752 | 2.1 | 64 |
| | 1304 | −0.5 | −15 | | 1344 | 0.0 | 0 |
| | 1932 | 3.3 | 101 | ○ | 2013 | 2.9 | 88 |
| **5** M | 0157 | −0.4 | −12 | **20** Tu | 0239 | 0.1 | 3 |
| | 0752 | 2.5 | 76 | | 0828 | 2.1 | 64 |
| | 1351 | −0.6 | −18 | | 1420 | 0.0 | 0 |
| ● | 2021 | 3.5 | 107 | | 2049 | 2.9 | 88 |
| **6** Tu | 0248 | −0.5 | −15 | **21** W | 0316 | 0.1 | 3 |
| | 0841 | 2.5 | 76 | | 0905 | 2.1 | 64 |
| | 1439 | −0.6 | −18 | | 1456 | 0.0 | 0 |
| | 2112 | 3.5 | 107 | | 2126 | 2.8 | 85 |
| **7** W | 0340 | −0.4 | −12 | **22** Th | 0354 | 0.1 | 3 |
| | 0932 | 2.4 | 73 | | 0941 | 2.0 | 61 |
| | 1530 | −0.5 | −15 | | 1533 | 0.1 | 3 |
| | 2204 | 3.4 | 104 | | 2204 | 2.8 | 85 |
| **8** Th | 0433 | −0.3 | −9 | **23** F | 0432 | 0.2 | 6 |
| | 1025 | 2.4 | 73 | | 1019 | 2.0 | 61 |
| | 1623 | −0.4 | −12 | | 1610 | 0.2 | 6 |
| | 2258 | 3.2 | 98 | | 2242 | 2.7 | 82 |
| **9** F | 0528 | −0.2 | −6 | **24** Sa | 0512 | 0.3 | 9 |
| | 1121 | 2.3 | 70 | | 1059 | 1.9 | 58 |
| | 1721 | −0.2 | −6 | | 1650 | 0.3 | 9 |
| | 2356 | 3.0 | 91 | | 2323 | 2.6 | 79 |
| **10** Sa | 0627 | 0.0 | 0 | **25** Su | 0553 | 0.3 | 9 |
| | 1224 | 2.2 | 67 | | 1143 | 1.9 | 58 |
| | 1824 | 0.0 | 0 | | 1735 | 0.3 | 9 |
| **11** Su | 0058 | 2.8 | 85 | **26** M | 0006 | 2.5 | 76 |
| | 0729 | 0.1 | 3 | | 0636 | 0.4 | 12 |
| | 1332 | 2.1 | 64 | | 1233 | 1.9 | 58 |
| ◐ | 1934 | 0.1 | 3 | | 1827 | 0.4 | 12 |
| **12** M | 0202 | 2.6 | 79 | **27** Tu | 0053 | 2.4 | 73 |
| | 0832 | 0.1 | 3 | | 0723 | 0.3 | 9 |
| | 1442 | 2.2 | 67 | | 1329 | 2.0 | 61 |
| | 2047 | 0.3 | 9 | ◑ | 1927 | 0.4 | 12 |
| **13** Tu | 0307 | 2.4 | 73 | **28** W | 0146 | 2.3 | 70 |
| | 0931 | 0.2 | 6 | | 0812 | 0.3 | 9 |
| | 1549 | 2.3 | 70 | | 1429 | 2.2 | 67 |
| | 2158 | 0.3 | 9 | | 2035 | 0.4 | 12 |
| **14** W | 0408 | 2.3 | 70 | **29** Th | 0244 | 2.3 | 70 |
| | 1024 | 0.1 | 3 | | 0903 | 0.2 | 6 |
| | 1647 | 2.4 | 73 | | 1529 | 2.4 | 73 |
| | 2301 | 0.3 | 9 | | 2144 | 0.3 | 9 |
| **15** Th | 0503 | 2.2 | 67 | **30** F | 0344 | 2.2 | 67 |
| | 1111 | 0.1 | 3 | | 0956 | 0.0 | 0 |
| | 1736 | 2.6 | 79 | | 1628 | 2.7 | 82 |
| | 2355 | 0.2 | 6 | | 2249 | 0.2 | 6 |
| | | | | **31** Sa | 0443 | 2.3 | 70 |
| | | | | | 1049 | −0.1 | −3 |
| | | | | | 1724 | 3.0 | 91 |
| | | | | | 2350 | 0.0 | 0 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Su | 0541 | 2.3 | 70 | **16** M | 0100 | 0.3 | 9 |
| | 1143 | −0.3 | −9 | | 0644 | 2.0 | 61 |
| | 1819 | 3.3 | 101 | | 1236 | 0.2 | 6 |
| | | | | | 1911 | 2.8 | 85 |
| **2** M | 0047 | −0.1 | −3 | **17** Tu | 0140 | 0.3 | 9 |
| | 0637 | 2.4 | 73 | | 0725 | 2.0 | 61 |
| | 1236 | −0.4 | −12 | | 1317 | 0.1 | 3 |
| | 1912 | 3.4 | 104 | | 1951 | 2.9 | 88 |
| **3** Tu | 0142 | −0.3 | −9 | **18** W | 0219 | 0.2 | 6 |
| | 0731 | 2.4 | 73 | | 0805 | 2.1 | 64 |
| | 1330 | −0.5 | −15 | | 1357 | 0.1 | 3 |
| ● | 2005 | 3.5 | 107 | ○ | 2029 | 2.9 | 88 |
| **4** W | 0235 | −0.3 | −9 | **19** Th | 0257 | 0.2 | 6 |
| | 0825 | 2.5 | 76 | | 0843 | 2.1 | 64 |
| | 1423 | −0.5 | −15 | | 1436 | 0.1 | 3 |
| | 2058 | 3.6 | 110 | | 2107 | 2.9 | 88 |
| **5** Th | 0327 | −0.3 | −9 | **20** F | 0334 | 0.2 | 6 |
| | 0919 | 2.5 | 76 | | 0921 | 2.1 | 64 |
| | 1518 | −0.5 | −15 | | 1514 | 0.1 | 3 |
| | 2152 | 3.5 | 107 | | 2144 | 2.9 | 88 |
| **6** F | 0420 | −0.3 | −9 | **21** Sa | 0411 | 0.2 | 6 |
| | 1013 | 2.5 | 76 | | 1000 | 2.1 | 64 |
| | 1613 | −0.4 | −12 | | 1552 | 0.2 | 6 |
| | 2245 | 3.3 | 101 | | 2221 | 2.8 | 85 |
| **7** Sa | 0513 | −0.2 | −6 | **22** Su | 0447 | 0.2 | 6 |
| | 1110 | 2.4 | 73 | | 1039 | 2.2 | 67 |
| | 1710 | −0.2 | −6 | | 1632 | 0.2 | 6 |
| | 2339 | 3.1 | 94 | | 2258 | 2.8 | 85 |
| **8** Su | 0606 | −0.1 | −3 | **23** M | 0524 | 0.2 | 6 |
| | 1208 | 2.4 | 73 | | 1121 | 2.2 | 67 |
| | 1810 | 0.0 | 0 | | 1716 | 0.3 | 9 |
| | | | | | 2337 | 2.6 | 79 |
| **9** M | 0034 | 2.8 | 85 | **24** Tu | 0602 | 0.2 | 6 |
| | 0659 | 0.0 | 0 | | 1207 | 2.3 | 70 |
| | 1309 | 2.4 | 73 | | 1806 | 0.4 | 12 |
| | 1914 | 0.2 | 6 | | | | |
| **10** Tu | 0130 | 2.5 | 76 | **25** W | 0020 | 2.5 | 76 |
| | 0753 | 0.1 | 3 | | 0642 | 0.2 | 6 |
| | 1411 | 2.4 | 73 | | 1258 | 2.4 | 73 |
| ◐ | 2020 | 0.4 | 12 | | 1903 | 0.4 | 12 |
| **11** W | 0227 | 2.3 | 70 | **26** Th | 0109 | 2.4 | 73 |
| | 0845 | 0.2 | 6 | | 0728 | 0.2 | 6 |
| | 1512 | 2.4 | 73 | | 1354 | 2.5 | 76 |
| | 2127 | 0.5 | 15 | ◑ | 2008 | 0.4 | 12 |
| **12** Th | 0325 | 2.1 | 64 | **27** F | 0205 | 2.3 | 70 |
| | 0936 | 0.2 | 6 | | 0820 | 0.1 | 3 |
| | 1609 | 2.5 | 76 | | 1455 | 2.7 | 82 |
| | 2230 | 0.5 | 15 | | 2117 | 0.4 | 12 |
| **13** F | 0421 | 2.0 | 61 | **28** Sa | 0307 | 2.2 | 67 |
| | 1025 | 0.3 | 9 | | 0917 | 0.0 | 0 |
| | 1700 | 2.6 | 79 | | 1558 | 2.9 | 88 |
| | 2326 | 0.4 | 12 | | 2226 | 0.3 | 9 |
| **14** Sa | 0513 | 2.0 | 61 | **29** Su | 0412 | 2.2 | 67 |
| | 1110 | 0.3 | 9 | | 1017 | 0.0 | 0 |
| | 1747 | 2.7 | 82 | | 1700 | 3.1 | 94 |
| | | | | | 2332 | 0.2 | 6 |
| **15** Su | 0016 | 0.4 | 12 | **30** M | 0517 | 2.2 | 67 |
| | 0600 | 2.0 | 61 | | 1118 | −0.2 | −6 |
| | 1154 | 0.2 | 6 | | 1801 | 3.3 | 101 |
| | 1830 | 2.8 | 85 | | | | |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bermuda Esso Pier, St. Georges Island, Bermuda, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0033 | 0.0 | 0 | **16** W | 0116 | 0.4 | 12 |
| | 0619 | 2.3 | 70 | | 0700 | 2.1 | 64 |
| | 1219 | −0.3 | −9 | | 1254 | 0.2 | 6 |
| | 1859 | 3.4 | 104 | | 1929 | 2.9 | 88 |
| **2** W | 0129 | −0.1 | −3 | **17** Th | 0156 | 0.3 | 9 |
| | 0717 | 2.4 | 73 | | 0741 | 2.2 | 67 |
| | 1317 | −0.4 | −12 | | 1336 | 0.2 | 6 |
| ● | 1954 | 3.5 | 107 | | 2008 | 2.9 | 88 |
| **3** Th | 0222 | −0.2 | −6 | **18** F | 0233 | 0.3 | 9 |
| | 0812 | 2.5 | 76 | | 0821 | 2.3 | 70 |
| | 1413 | −0.4 | −12 | | 1416 | 0.1 | 3 |
| | 2046 | 3.5 | 107 | ○ | 2045 | 3.0 | 91 |
| **4** F | 0313 | −0.2 | −6 | **19** Sa | 0308 | 0.2 | 6 |
| | 0906 | 2.6 | 79 | | 0859 | 2.3 | 70 |
| | 1507 | −0.4 | −12 | | 1455 | 0.1 | 3 |
| | 2137 | 3.4 | 104 | | 2120 | 3.0 | 91 |
| **5** Sa | 0401 | −0.2 | −6 | **20** Su | 0342 | 0.1 | 3 |
| | 0959 | 2.7 | 82 | | 0937 | 2.4 | 73 |
| | 1601 | −0.3 | −9 | | 1534 | 0.1 | 3 |
| | 2226 | 3.3 | 101 | | 2155 | 2.9 | 88 |
| **6** Su | 0449 | −0.2 | −6 | **21** M | 0415 | 0.1 | 3 |
| | 1051 | 2.7 | 82 | | 1016 | 2.5 | 76 |
| | 1654 | −0.1 | −3 | | 1615 | 0.1 | 3 |
| | 2314 | 3.0 | 91 | | 2231 | 2.9 | 88 |
| **7** M | 0535 | −0.1 | −3 | **22** Tu | 0449 | 0.1 | 3 |
| | 1143 | 2.6 | 79 | | 1056 | 2.6 | 79 |
| | 1749 | 0.1 | 3 | | 1659 | 0.2 | 6 |
| | | | | | 2310 | 2.7 | 82 |
| **8** Tu | 0002 | 2.8 | 85 | **23** W | 0525 | 0.1 | 3 |
| | 0621 | 0.0 | 0 | | 1140 | 2.7 | 82 |
| | 1236 | 2.6 | 79 | | 1748 | 0.3 | 9 |
| | 1845 | 0.3 | 9 | | 2352 | 2.6 | 79 |
| **9** W | 0051 | 2.5 | 76 | **24** Th | 0606 | 0.1 | 3 |
| | 0707 | 0.2 | 6 | | 1229 | 2.7 | 82 |
| | 1331 | 2.6 | 79 | | 1843 | 0.4 | 12 |
| | 1944 | 0.5 | 15 | | | | |
| **10** Th | 0142 | 2.2 | 67 | **25** F | 0040 | 2.4 | 73 |
| | 0754 | 0.3 | 9 | | 0652 | 0.1 | 3 |
| | 1426 | 2.5 | 76 | | 1326 | 2.8 | 85 |
| ◐ | 2047 | 0.6 | 18 | ◑ | 1947 | 0.5 | 15 |
| **11** F | 0237 | 2.0 | 61 | **26** Sa | 0136 | 2.2 | 67 |
| | 0844 | 0.4 | 12 | | 0746 | 0.2 | 6 |
| | 1523 | 2.5 | 76 | | 1429 | 2.9 | 88 |
| | 2151 | 0.7 | 21 | | 2057 | 0.5 | 15 |
| **12** Sa | 0334 | 1.9 | 58 | **27** Su | 0242 | 2.1 | 64 |
| | 0936 | 0.4 | 12 | | 0850 | 0.2 | 6 |
| | 1619 | 2.5 | 76 | | 1538 | 3.0 | 91 |
| | 2252 | 0.7 | 21 | | 2211 | 0.5 | 15 |
| **13** Su | 0432 | 1.9 | 58 | **28** M | 0354 | 2.1 | 64 |
| | 1029 | 0.5 | 15 | | 0958 | 0.1 | 3 |
| | 1713 | 2.6 | 79 | | 1646 | 3.1 | 94 |
| | 2346 | 0.6 | 18 | | 2320 | 0.4 | 12 |
| **14** M | 0526 | 1.9 | 58 | **29** Tu | 0504 | 2.2 | 67 |
| | 1121 | 0.4 | 12 | | 1107 | 0.0 | 0 |
| | 1802 | 2.7 | 82 | | 1750 | 3.2 | 98 |
| **15** Tu | 0034 | 0.5 | 15 | **30** W | 0022 | 0.2 | 6 |
| | 0615 | 2.0 | 61 | | 0609 | 2.4 | 73 |
| | 1210 | 0.3 | 9 | | 1211 | −0.1 | −3 |
| | 1847 | 2.8 | 85 | | 1849 | 3.3 | 101 |
| | | | | **31** Th | 0116 | 0.1 | 3 |
| | | | | | 0707 | 2.5 | 76 |
| | | | | | 1310 | −0.2 | −6 |
| | | | | | 1942 | 3.4 | 104 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F | 0206 | −0.1 | −3 | **16** Sa | 0159 | 0.3 | 9 |
| | 0801 | 2.7 | 82 | | 0754 | 2.5 | 76 |
| | 1404 | −0.3 | −9 | | 1355 | 0.1 | 3 |
| ● | 2031 | 3.4 | 104 | ○ | 2016 | 3.0 | 91 |
| **2** Sa | 0252 | −0.1 | −3 | **17** Su | 0233 | 0.2 | 6 |
| | 0851 | 2.8 | 85 | | 0832 | 2.7 | 82 |
| | 1456 | −0.3 | −9 | | 1435 | 0.1 | 3 |
| | 2118 | 3.3 | 101 | | 2052 | 3.1 | 94 |
| **3** Su | 0335 | −0.2 | −6 | **18** M | 0306 | 0.1 | 3 |
| | 0939 | 2.9 | 88 | | 0910 | 2.8 | 85 |
| | 1545 | −0.2 | −6 | | 1515 | 0.0 | 0 |
| | 2202 | 3.2 | 98 | | 2128 | 3.0 | 91 |
| **4** M | 0417 | −0.1 | −3 | **19** Tu | 0339 | 0.0 | 0 |
| | 1025 | 2.9 | 88 | | 0948 | 2.9 | 88 |
| | 1633 | 0.0 | 0 | | 1557 | 0.1 | 3 |
| | 2244 | 2.9 | 88 | | 2205 | 2.9 | 88 |
| **5** Tu | 0457 | 0.0 | 0 | **20** W | 0414 | 0.0 | 0 |
| | 1110 | 2.9 | 88 | | 1030 | 3.0 | 91 |
| | 1721 | 0.2 | 6 | | 1642 | 0.1 | 3 |
| | 2327 | 2.7 | 82 | | 2244 | 2.7 | 82 |
| **6** W | 0537 | 0.1 | 3 | **21** Th | 0452 | 0.0 | 0 |
| | 1156 | 2.8 | 85 | | 1114 | 3.1 | 94 |
| | 1811 | 0.4 | 12 | | 1732 | 0.2 | 6 |
| | | | | | 2328 | 2.6 | 79 |
| **7** Th | 0010 | 2.4 | 73 | **22** F | 0534 | 0.1 | 3 |
| | 0617 | 0.3 | 9 | | 1205 | 3.0 | 91 |
| | 1244 | 2.7 | 82 | | 1827 | 0.4 | 12 |
| | 1903 | 0.6 | 18 | | | | |
| **8** F | 0056 | 2.2 | 67 | **23** Sa | 0019 | 2.4 | 73 |
| | 0701 | 0.4 | 12 | | 0625 | 0.2 | 6 |
| | 1336 | 2.6 | 79 | | 1304 | 3.0 | 91 |
| ◐ | 2001 | 0.7 | 21 | ◑ | 1932 | 0.5 | 15 |
| **9** Sa | 0147 | 2.0 | 61 | **24** Su | 0119 | 2.2 | 67 |
| | 0750 | 0.6 | 18 | | 0725 | 0.3 | 9 |
| | 1434 | 2.5 | 76 | | 1412 | 2.9 | 88 |
| | 2106 | 0.8 | 24 | | 2046 | 0.6 | 18 |
| **10** Su | 0247 | 1.9 | 58 | **25** M | 0231 | 2.1 | 64 |
| | 0848 | 0.6 | 18 | | 0836 | 0.3 | 9 |
| | 1536 | 2.5 | 76 | | 1526 | 2.9 | 88 |
| | 2212 | 0.8 | 24 | | 2202 | 0.6 | 18 |
| **11** M | 0352 | 1.9 | 58 | **26** Tu | 0348 | 2.2 | 67 |
| | 0951 | 0.6 | 18 | | 0953 | 0.3 | 9 |
| | 1638 | 2.5 | 76 | | 1638 | 3.0 | 91 |
| | 2313 | 0.8 | 24 | | 2311 | 0.5 | 15 |
| **12** Tu | 0453 | 1.9 | 58 | **27** W | 0501 | 2.3 | 70 |
| | 1051 | 0.6 | 18 | | 1105 | 0.2 | 6 |
| | 1733 | 2.6 | 79 | | 1742 | 3.1 | 94 |
| **13** W | 0003 | 0.7 | 21 | **28** Th | 0009 | 0.3 | 9 |
| | 0547 | 2.0 | 61 | | 0603 | 2.5 | 76 |
| | 1144 | 0.5 | 15 | | 1208 | 0.0 | 0 |
| | 1820 | 2.8 | 85 | | 1838 | 3.2 | 98 |
| **14** Th | 0046 | 0.5 | 15 | **29** F | 0059 | 0.1 | 3 |
| | 0633 | 2.2 | 67 | | 0657 | 2.8 | 85 |
| | 1231 | 0.3 | 9 | | 1303 | −0.1 | −3 |
| | 1902 | 2.9 | 88 | | 1927 | 3.3 | 101 |
| **15** F | 0124 | 0.4 | 12 | **30** Sa | 0144 | 0.0 | 0 |
| | 0715 | 2.4 | 73 | | 0746 | 2.9 | 88 |
| | 1314 | 0.2 | 6 | | 1354 | −0.2 | −6 |
| | 1940 | 3.0 | 91 | ● | 2012 | 3.3 | 101 |
| | | | | **31** Su | 0225 | −0.1 | −3 |
| | | | | | 0831 | 3.1 | 94 |
| | | | | | 1441 | −0.1 | −3 |
| | | | | | 2053 | 3.2 | 98 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0303 | −0.1 | −3 | **16** Tu | 0227 | 0.0 | 0 |
| | 0913 | 3.1 | 94 | | 0841 | 3.3 | 101 |
| | 1526 | −0.1 | −3 | | 1456 | 0.0 | 0 |
| | 2133 | 3.0 | 91 | | 2100 | 3.0 | 91 |
| **2** Tu | 0340 | 0.0 | 0 | **17** W | 0303 | −0.1 | −3 |
| | 0954 | 3.1 | 94 | | 0922 | 3.4 | 104 |
| | 1609 | 0.1 | 3 | | 1540 | 0.0 | 0 |
| | 2212 | 2.8 | 85 | | 2140 | 2.9 | 88 |
| **3** W | 0416 | 0.1 | 3 | **18** Th | 0342 | −0.1 | −3 |
| | 1034 | 3.1 | 94 | | 1005 | 3.4 | 104 |
| | 1651 | 0.2 | 6 | | 1627 | 0.1 | 3 |
| | 2250 | 2.6 | 79 | | 2223 | 2.7 | 82 |
| **4** Th | 0452 | 0.3 | 9 | **19** F | 0424 | 0.0 | 0 |
| | 1114 | 2.9 | 88 | | 1053 | 3.4 | 104 |
| | 1735 | 0.4 | 12 | | 1718 | 0.2 | 6 |
| | 2330 | 2.4 | 73 | | 2311 | 2.5 | 76 |
| **5** F | 0529 | 0.4 | 12 | **20** Sa | 0512 | 0.1 | 3 |
| | 1158 | 2.8 | 85 | | 1147 | 3.2 | 98 |
| | 1822 | 0.6 | 18 | | 1816 | 0.4 | 12 |
| **6** Sa | 0012 | 2.2 | 67 | **21** Su | 0006 | 2.4 | 73 |
| | 0611 | 0.6 | 18 | | 0608 | 0.3 | 9 |
| | 1246 | 2.6 | 79 | | 1249 | 3.1 | 94 |
| | 1916 | 0.8 | 24 | | 1923 | 0.5 | 15 |
| **7** Su | 0102 | 2.0 | 61 | **22** M | 0112 | 2.2 | 67 |
| | 0701 | 0.7 | 21 | | 0715 | 0.4 | 12 |
| | 1344 | 2.5 | 76 | | 1401 | 3.0 | 91 |
| ◐ | 2019 | 0.9 | 27 | ◑ | 2037 | 0.6 | 18 |
| **8** M | 0203 | 1.9 | 58 | **23** Tu | 0229 | 2.2 | 67 |
| | 0803 | 0.8 | 24 | | 0833 | 0.5 | 15 |
| | 1451 | 2.5 | 76 | | 1517 | 2.9 | 88 |
| | 2129 | 1.0 | 30 | | 2152 | 0.6 | 18 |
| **9** Tu | 0313 | 1.9 | 58 | **24** W | 0348 | 2.3 | 70 |
| | 0913 | 0.8 | 24 | | 0953 | 0.4 | 12 |
| | 1559 | 2.5 | 76 | | 1628 | 2.9 | 88 |
| | 2233 | 0.9 | 27 | | 2256 | 0.5 | 15 |
| **10** W | 0420 | 2.0 | 61 | **25** Th | 0457 | 2.5 | 76 |
| | 1019 | 0.7 | 21 | | 1103 | 0.3 | 9 |
| | 1657 | 2.6 | 79 | | 1729 | 3.0 | 91 |
| | 2324 | 0.8 | 24 | | 2349 | 0.3 | 9 |
| **11** Th | 0515 | 2.2 | 67 | **26** F | 0554 | 2.7 | 82 |
| | 1115 | 0.6 | 18 | | 1203 | 0.2 | 6 |
| | 1745 | 2.7 | 82 | | 1821 | 3.0 | 91 |
| **12** F | 0007 | 0.6 | 18 | **27** Sa | 0035 | 0.2 | 6 |
| | 0602 | 2.4 | 73 | | 0644 | 3.0 | 91 |
| | 1204 | 0.4 | 12 | | 1255 | 0.1 | 3 |
| | 1827 | 2.9 | 88 | | 1907 | 3.0 | 91 |
| **13** Sa | 0044 | 0.4 | 12 | **28** Su | 0116 | 0.1 | 3 |
| | 0644 | 2.6 | 79 | | 0727 | 3.2 | 98 |
| | 1249 | 0.2 | 6 | | 1341 | 0.0 | 0 |
| | 1906 | 3.0 | 91 | | 1948 | 3.0 | 91 |
| **14** Su | 0119 | 0.2 | 6 | **29** M | 0153 | 0.0 | 0 |
| | 0723 | 2.8 | 85 | | 0808 | 3.3 | 101 |
| | 1331 | 0.1 | 3 | | 1424 | 0.0 | 0 |
| | 1943 | 3.0 | 91 | ● | 2027 | 2.9 | 88 |
| **15** M | 0153 | 0.1 | 3 | **30** Tu | 0228 | 0.1 | 3 |
| | 0802 | 3.1 | 94 | | 0846 | 3.3 | 101 |
| | 1413 | 0.0 | 0 | | 1505 | 0.1 | 3 |
| ○ | 2021 | 3.0 | 91 | | 2104 | 2.8 | 85 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Bermuda Esso Pier, St. Georges Island, Bermuda, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** W | 0303 | 0.1 | 3 | **16** Th | 0233 | −0.2 | −6 |
| | 0923 | 3.3 | 101 | | 0859 | 3.7 | 113 |
| | 1544 | 0.2 | 6 | | 1524 | −0.1 | −3 |
| | 2141 | 2.6 | 79 | | 2119 | 2.8 | 85 |
| **2** Th | 0337 | 0.2 | 6 | **17** F | 0316 | −0.1 | −3 |
| | 0959 | 3.2 | 98 | | 0946 | 3.6 | 110 |
| | 1623 | 0.3 | 9 | | 1614 | 0.0 | 0 |
| | 2217 | 2.5 | 76 | | 2207 | 2.7 | 82 |
| **3** F | 0411 | 0.4 | 12 | **18** Sa | 0404 | −0.1 | −3 |
| | 1037 | 3.0 | 91 | | 1038 | 3.5 | 107 |
| | 1703 | 0.5 | 15 | | 1707 | 0.2 | 6 |
| | 2255 | 2.3 | 70 | | 2259 | 2.5 | 76 |
| **4** Sa | 0448 | 0.5 | 15 | **19** Su | 0458 | 0.1 | 3 |
| | 1118 | 2.9 | 88 | | 1134 | 3.3 | 101 |
| | 1747 | 0.6 | 18 | | 1807 | 0.3 | 9 |
| | 2336 | 2.2 | 67 | | 2359 | 2.4 | 73 |
| **5** Su | 0530 | 0.7 | 21 | **20** M | 0559 | 0.3 | 9 |
| | 1204 | 2.7 | 82 | | 1238 | 3.1 | 94 |
| | 1836 | 0.8 | 24 | | 1913 | 0.5 | 15 |
| **6** M | 0024 | 2.0 | 61 | **21** Tu | 0109 | 2.3 | 70 |
| | 0619 | 0.8 | 24 | | 0710 | 0.4 | 12 |
| | 1259 | 2.5 | 76 | | 1348 | 2.9 | 88 |
| | 1936 | 0.9 | 27 | ◑ | 2023 | 0.5 | 15 |
| **7** Tu | 0123 | 2.0 | 61 | **22** W | 0225 | 2.3 | 70 |
| | 0720 | 0.9 | 27 | | 0829 | 0.5 | 15 |
| | 1403 | 2.5 | 76 | | 1501 | 2.8 | 85 |
| ◐ | 2041 | 0.9 | 27 | | 2131 | 0.5 | 15 |
| **8** W | 0233 | 2.0 | 61 | **23** Th | 0340 | 2.5 | 76 |
| | 0831 | 0.9 | 27 | | 0947 | 0.5 | 15 |
| | 1509 | 2.5 | 76 | | 1608 | 2.8 | 85 |
| | 2143 | 0.9 | 27 | | 2230 | 0.4 | 12 |
| **9** Th | 0341 | 2.1 | 64 | **24** F | 0444 | 2.7 | 82 |
| | 0941 | 0.8 | 24 | | 1055 | 0.4 | 12 |
| | 1609 | 2.5 | 76 | | 1707 | 2.8 | 85 |
| | 2234 | 0.7 | 21 | | 2321 | 0.3 | 9 |
| **10** F | 0438 | 2.3 | 70 | **25** Sa | 0538 | 2.9 | 88 |
| | 1041 | 0.7 | 21 | | 1153 | 0.3 | 9 |
| | 1700 | 2.6 | 79 | | 1758 | 2.7 | 82 |
| | 2318 | 0.6 | 18 | | | | |
| **11** Sa | 0526 | 2.6 | 79 | **26** Su | 0005 | 0.2 | 6 |
| | 1133 | 0.5 | 15 | | 0624 | 3.1 | 94 |
| | 1745 | 2.7 | 82 | | 1242 | 0.2 | 6 |
| | 2357 | 0.4 | 12 | | 1843 | 2.7 | 82 |
| **12** Su | 0609 | 2.9 | 88 | **27** M | 0044 | 0.1 | 3 |
| | 1221 | 0.3 | 9 | | 0705 | 3.2 | 98 |
| | 1828 | 2.8 | 85 | | 1326 | 0.1 | 3 |
| | | | | | 1923 | 2.7 | 82 |
| **13** M | 0034 | 0.2 | 6 | **28** Tu | 0120 | 0.1 | 3 |
| | 0650 | 3.1 | 94 | | 0743 | 3.3 | 101 |
| | 1307 | 0.1 | 3 | | 1406 | 0.1 | 3 |
| | 1909 | 2.9 | 88 | ● | 2001 | 2.6 | 79 |
| **14** Tu | 0112 | 0.0 | 0 | **29** W | 0155 | 0.2 | 6 |
| | 0732 | 3.4 | 104 | | 0819 | 3.3 | 101 |
| | 1352 | 0.0 | 0 | | 1444 | 0.2 | 6 |
| ○ | 1951 | 2.9 | 88 | | 2038 | 2.5 | 76 |
| **15** W | 0151 | −0.1 | −3 | **30** Th | 0230 | 0.2 | 6 |
| | 0815 | 3.6 | 110 | | 0855 | 3.2 | 98 |
| | 1437 | −0.1 | −3 | | 1521 | 0.2 | 6 |
| | 2034 | 2.9 | 88 | | 2114 | 2.4 | 73 |
| | | | | **31** F | 0305 | 0.3 | 9 |
| | | | | | 0931 | 3.2 | 98 |
| | | | | | 1559 | 0.3 | 9 |
| | | | | | 2150 | 2.3 | 70 |

## November

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Sa | 0340 | 0.4 | 12 | **16** Su | 0352 | −0.2 | −6 |
| | 1009 | 3.0 | 91 | | 1026 | 3.5 | 107 |
| | 1638 | 0.4 | 12 | | 1657 | 0.0 | 0 |
| | 2227 | 2.2 | 67 | | 2250 | 2.5 | 76 |
| **2** Su | 0418 | 0.5 | 15 | **17** M | 0449 | 0.0 | 0 |
| | 1049 | 2.9 | 88 | | 1123 | 3.3 | 101 |
| | 1719 | 0.6 | 18 | | 1754 | 0.1 | 3 |
| | 2308 | 2.1 | 64 | | 2351 | 2.5 | 76 |
| **3** M | 0459 | 0.6 | 18 | **18** Tu | 0551 | 0.2 | 6 |
| | 1132 | 2.7 | 82 | | 1223 | 3.1 | 94 |
| | 1805 | 0.7 | 21 | | 1854 | 0.2 | 6 |
| | 2354 | 2.1 | 64 | | | | |
| **4** Tu | 0546 | 0.7 | 21 | **19** W | 0059 | 2.4 | 73 |
| | 1220 | 2.6 | 79 | | 0701 | 0.3 | 9 |
| | 1856 | 0.8 | 24 | | 1327 | 2.8 | 85 |
| | | | | ◑ | 1957 | 0.3 | 9 |
| **5** W | 0049 | 2.0 | 61 | **20** Th | 0210 | 2.5 | 76 |
| | 0642 | 0.8 | 24 | | 0816 | 0.5 | 15 |
| | 1315 | 2.5 | 76 | | 1433 | 2.6 | 79 |
| | 1950 | 0.8 | 24 | | 2058 | 0.3 | 9 |
| **6** Th | 0152 | 2.0 | 61 | **21** F | 0319 | 2.6 | 79 |
| | 0747 | 0.8 | 24 | | 0930 | 0.5 | 15 |
| | 1413 | 2.4 | 73 | | 1538 | 2.5 | 76 |
| ◐ | 2045 | 0.7 | 21 | | 2154 | 0.3 | 9 |
| **7** F | 0255 | 2.2 | 67 | **22** Sa | 0420 | 2.7 | 82 |
| | 0857 | 0.8 | 24 | | 1038 | 0.5 | 15 |
| | 1512 | 2.4 | 73 | | 1637 | 2.4 | 73 |
| | 2136 | 0.6 | 18 | | 2245 | 0.3 | 9 |
| **8** Sa | 0353 | 2.4 | 73 | **23** Su | 0514 | 2.9 | 88 |
| | 1002 | 0.7 | 21 | | 1136 | 0.4 | 12 |
| | 1608 | 2.4 | 73 | | 1730 | 2.3 | 70 |
| | 2222 | 0.4 | 12 | | 2330 | 0.2 | 6 |
| **9** Su | 0445 | 2.7 | 82 | **24** M | 0600 | 3.0 | 91 |
| | 1100 | 0.5 | 15 | | 1226 | 0.3 | 9 |
| | 1700 | 2.5 | 76 | | 1816 | 2.3 | 70 |
| | 2307 | 0.2 | 6 | | | | |
| **10** M | 0533 | 3.0 | 91 | **25** Tu | 0011 | 0.2 | 6 |
| | 1153 | 0.3 | 9 | | 0641 | 3.1 | 94 |
| | 1749 | 2.6 | 79 | | 1309 | 0.2 | 6 |
| | 2351 | 0.1 | 3 | | 1859 | 2.3 | 70 |
| **11** Tu | 0619 | 3.3 | 101 | **26** W | 0050 | 0.2 | 6 |
| | 1244 | 0.1 | 3 | | 0720 | 3.1 | 94 |
| | 1837 | 2.6 | 79 | | 1349 | 0.2 | 6 |
| | | | | | 1938 | 2.3 | 70 |
| **12** W | 0036 | −0.1 | −3 | **27** Th | 0128 | 0.2 | 6 |
| | 0706 | 3.5 | 107 | | 0757 | 3.1 | 94 |
| | 1333 | −0.1 | −3 | | 1426 | 0.2 | 6 |
| | 1925 | 2.7 | 82 | ● | 2015 | 2.3 | 70 |
| **13** Th | 0122 | −0.2 | −6 | **28** F | 0205 | 0.2 | 6 |
| | 0753 | 3.7 | 113 | | 0834 | 3.1 | 94 |
| | 1421 | −0.2 | −6 | | 1503 | 0.2 | 6 |
| ○ | 2013 | 2.7 | 82 | | 2052 | 2.3 | 70 |
| **14** F | 0209 | −0.3 | −9 | **29** Sa | 0241 | 0.2 | 6 |
| | 0842 | 3.8 | 116 | | 0911 | 3.0 | 91 |
| | 1511 | −0.2 | −6 | | 1540 | 0.3 | 9 |
| | 2103 | 2.7 | 82 | | 2129 | 2.2 | 67 |
| **15** Sa | 0259 | −0.3 | −9 | **30** Su | 0319 | 0.3 | 9 |
| | 0933 | 3.7 | 113 | | 0948 | 3.0 | 91 |
| | 1603 | −0.1 | −3 | | 1617 | 0.3 | 9 |
| | 2154 | 2.6 | 79 | | 2206 | 2.2 | 67 |

## December

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0356 | 0.3 | 9 | **16** Tu | 0440 | −0.2 | −6 |
| | 1026 | 2.9 | 88 | | 1107 | 3.2 | 98 |
| | 1656 | 0.4 | 12 | | 1733 | −0.1 | −3 |
| | 2246 | 2.1 | 64 | | 2337 | 2.6 | 79 |
| **2** Tu | 0436 | 0.4 | 12 | **17** W | 0539 | 0.0 | 0 |
| | 1105 | 2.7 | 82 | | 1201 | 2.9 | 88 |
| | 1735 | 0.4 | 12 | | 1826 | 0.0 | 0 |
| | 2329 | 2.1 | 64 | | | | |
| **3** W | 0520 | 0.5 | 15 | **18** Th | 0038 | 2.5 | 76 |
| | 1146 | 2.6 | 79 | | 0643 | 0.2 | 6 |
| | 1816 | 0.5 | 15 | | 1257 | 2.7 | 82 |
| | | | | | 1920 | 0.1 | 3 |
| **4** Th | 0017 | 2.1 | 64 | **19** F | 0141 | 2.5 | 76 |
| | 0609 | 0.6 | 18 | | 0751 | 0.4 | 12 |
| | 1230 | 2.5 | 76 | | 1356 | 2.4 | 73 |
| | 1900 | 0.5 | 15 | ◑ | 2014 | 0.1 | 3 |
| **5** F | 0110 | 2.1 | 64 | **20** Sa | 0244 | 2.5 | 76 |
| | 0707 | 0.7 | 21 | | 0902 | 0.5 | 15 |
| | 1320 | 2.4 | 73 | | 1457 | 2.2 | 67 |
| ◐ | 1947 | 0.4 | 12 | | 2109 | 0.2 | 6 |
| **6** Sa | 0207 | 2.3 | 70 | **21** Su | 0345 | 2.6 | 79 |
| | 0813 | 0.7 | 21 | | 1011 | 0.5 | 15 |
| | 1416 | 2.3 | 70 | | 1559 | 2.0 | 61 |
| | 2036 | 0.4 | 12 | | 2202 | 0.3 | 9 |
| **7** Su | 0306 | 2.5 | 76 | **22** M | 0442 | 2.7 | 82 |
| | 0921 | 0.6 | 18 | | 1113 | 0.4 | 12 |
| | 1516 | 2.2 | 67 | | 1657 | 1.9 | 58 |
| | 2128 | 0.2 | 6 | | 2253 | 0.3 | 9 |
| **8** M | 0403 | 2.7 | 82 | **23** Tu | 0532 | 2.7 | 82 |
| | 1027 | 0.4 | 12 | | 1205 | 0.4 | 12 |
| | 1616 | 2.2 | 67 | | 1749 | 1.9 | 58 |
| | 2221 | 0.1 | 3 | | 2340 | 0.2 | 6 |
| **9** Tu | 0459 | 3.0 | 91 | **24** W | 0618 | 2.8 | 85 |
| | 1127 | 0.2 | 6 | | 1251 | 0.3 | 9 |
| | 1714 | 2.3 | 70 | | 1835 | 2.0 | 61 |
| | 2314 | −0.1 | −3 | | | | |
| **10** W | 0552 | 3.3 | 101 | **25** Th | 0025 | 0.2 | 6 |
| | 1223 | 0.1 | 3 | | 0659 | 2.8 | 85 |
| | 1810 | 2.3 | 70 | | 1331 | 0.2 | 6 |
| | | | | | 1917 | 2.0 | 61 |
| **11** Th | 0008 | −0.2 | −6 | **26** F | 0106 | 0.1 | 3 |
| | 0645 | 3.5 | 107 | | 0739 | 2.9 | 88 |
| | 1317 | −0.1 | −3 | | 1409 | 0.2 | 6 |
| | 1904 | 2.4 | 73 | | 1956 | 2.1 | 64 |
| **12** F | 0101 | −0.4 | −12 | **27** Sa | 0146 | 0.1 | 3 |
| | 0738 | 3.6 | 110 | | 0817 | 2.9 | 88 |
| | 1408 | −0.2 | −6 | | 1445 | 0.1 | 3 |
| ○ | 1957 | 2.5 | 76 | ● | 2033 | 2.1 | 64 |
| **13** Sa | 0155 | −0.4 | −12 | **28** Su | 0225 | 0.1 | 3 |
| | 0830 | 3.7 | 113 | | 0854 | 2.9 | 88 |
| | 1459 | −0.3 | −9 | | 1521 | 0.1 | 3 |
| | 2050 | 2.6 | 79 | | 2110 | 2.1 | 64 |
| **14** Su | 0249 | −0.4 | −12 | **29** M | 0302 | 0.1 | 3 |
| | 0922 | 3.6 | 110 | | 0929 | 2.9 | 88 |
| | 1550 | −0.3 | −9 | | 1555 | 0.1 | 3 |
| | 2144 | 2.6 | 79 | | 2147 | 2.2 | 67 |
| **15** M | 0343 | −0.4 | −12 | **30** Tu | 0339 | 0.1 | 3 |
| | 1014 | 3.5 | 107 | | 1004 | 2.8 | 85 |
| | 1642 | −0.2 | −6 | | 1629 | 0.1 | 3 |
| | 2239 | 2.6 | 79 | | 2225 | 2.2 | 67 |
| | | | | **31** W | 0417 | 0.2 | 6 |
| | | | | | 1038 | 2.7 | 82 |
| | | | | | 1703 | 0.1 | 3 |
| | | | | | 2304 | 2.2 | 67 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Settlement Point, Grand Bahama Island, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0217 | 2.4 | 73 |
| | 0832 | 0.4 | 12 |
| | 1423 | 2.0 | 61 |
| | 2035 | 0.1 | 3 |
| **2** W | 0311 | 2.4 | 73 |
| | 0931 | 0.4 | 12 |
| | 1516 | 1.9 | 58 |
| | 2124 | 0.1 | 3 |
| **3** Th | 0402 | 2.4 | 73 |
| | 1027 | 0.4 | 12 |
| | 1609 | 1.8 | 55 |
| | 2212 | 0.1 | 3 |
| **4** F | 0451 | 2.5 | 76 |
| | 1117 | 0.3 | 9 |
| | 1659 | 1.8 | 55 |
| | 2258 | 0.0 | 0 |
| **5** Sa | 0536 | 2.6 | 79 |
| | 1203 | 0.2 | 6 |
| | 1747 | 1.9 | 58 |
| | 2343 | −0.1 | −3 |
| **6** Su | 0620 | 2.7 | 82 |
| | 1246 | 0.1 | 3 |
| | 1831 | 2.0 | 61 |
| **7** M | 0026 | −0.1 | −3 |
| | 0701 | 2.8 | 85 |
| | 1326 | 0.0 | 0 |
| | 1913 | 2.1 | 64 |
| **8** Tu ● | 0108 | −0.2 | −6 |
| | 0740 | 2.9 | 88 |
| | 1405 | 0.0 | 0 |
| | 1954 | 2.2 | 67 |
| **9** W | 0150 | −0.2 | −6 |
| | 0819 | 3.0 | 91 |
| | 1443 | −0.1 | −3 |
| | 2035 | 2.3 | 70 |
| **10** Th | 0231 | −0.2 | −6 |
| | 0857 | 3.0 | 91 |
| | 1520 | −0.1 | −3 |
| | 2117 | 2.4 | 73 |
| **11** F | 0314 | −0.2 | −6 |
| | 0936 | 2.9 | 88 |
| | 1558 | −0.2 | −6 |
| | 2200 | 2.4 | 73 |
| **12** Sa | 0400 | −0.1 | −3 |
| | 1017 | 2.8 | 85 |
| | 1637 | −0.2 | −6 |
| | 2246 | 2.5 | 76 |
| **13** Su | 0449 | 0.0 | 0 |
| | 1100 | 2.7 | 82 |
| | 1720 | −0.2 | −6 |
| | 2336 | 2.6 | 79 |
| **14** M | 0543 | 0.0 | 0 |
| | 1148 | 2.5 | 76 |
| | 1806 | −0.2 | −6 |
| **15** Tu ◐ | 0031 | 2.7 | 82 |
| | 0644 | 0.1 | 3 |
| | 1242 | 2.3 | 70 |
| | 1858 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0132 | 2.7 | 82 |
| | 0750 | 0.1 | 3 |
| | 1342 | 2.2 | 67 |
| | 1956 | −0.3 | −9 |
| **17** Th | 0236 | 2.8 | 85 |
| | 0900 | 0.1 | 3 |
| | 1448 | 2.1 | 64 |
| | 2058 | −0.3 | −9 |
| **18** F | 0341 | 2.9 | 88 |
| | 1009 | 0.0 | 0 |
| | 1556 | 2.1 | 64 |
| | 2202 | −0.4 | −12 |
| **19** Sa | 0444 | 3.0 | 91 |
| | 1113 | −0.1 | −3 |
| | 1701 | 2.2 | 67 |
| | 2305 | −0.4 | −12 |
| **20** Su | 0544 | 3.2 | 98 |
| | 1212 | −0.2 | −6 |
| | 1802 | 2.3 | 70 |
| **21** M | 0004 | −0.5 | −15 |
| | 0639 | 3.3 | 101 |
| | 1305 | −0.3 | −9 |
| | 1858 | 2.4 | 73 |
| **22** Tu ○ | 0059 | −0.5 | −15 |
| | 0730 | 3.3 | 101 |
| | 1354 | −0.4 | −12 |
| | 1950 | 2.5 | 76 |
| **23** W | 0152 | −0.5 | −15 |
| | 0817 | 3.2 | 98 |
| | 1440 | −0.4 | −12 |
| | 2040 | 2.6 | 79 |
| **24** Th | 0241 | −0.5 | −15 |
| | 0903 | 3.1 | 94 |
| | 1523 | −0.4 | −12 |
| | 2127 | 2.6 | 79 |
| **25** F | 0330 | −0.3 | −9 |
| | 0946 | 3.0 | 91 |
| | 1605 | −0.4 | −12 |
| | 2213 | 2.6 | 79 |
| **26** Sa | 0417 | −0.2 | −6 |
| | 1028 | 2.7 | 82 |
| | 1646 | −0.3 | −9 |
| | 2259 | 2.5 | 76 |
| **27** Su | 0504 | 0.0 | 0 |
| | 1110 | 2.5 | 76 |
| | 1726 | −0.2 | −6 |
| | 2345 | 2.5 | 76 |
| **28** M | 0554 | 0.2 | 6 |
| | 1153 | 2.2 | 67 |
| | 1808 | 0.0 | 0 |
| **29** Tu | 0033 | 2.4 | 73 |
| | 0646 | 0.3 | 9 |
| | 1239 | 2.0 | 61 |
| | 1852 | 0.0 | 0 |
| **30** W ◑ | 0125 | 2.3 | 70 |
| | 0743 | 0.4 | 12 |
| | 1330 | 1.8 | 55 |
| | 1940 | 0.1 | 3 |
| **31** Th | 0220 | 2.3 | 70 |
| | 0844 | 0.4 | 12 |
| | 1426 | 1.7 | 52 |
| | 2033 | 0.2 | 6 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0317 | 2.3 | 70 |
| | 0945 | 0.4 | 12 |
| | 1525 | 1.7 | 52 |
| | 2129 | 0.1 | 3 |
| **2** Sa | 0413 | 2.4 | 73 |
| | 1041 | 0.4 | 12 |
| | 1623 | 1.7 | 52 |
| | 2223 | 0.1 | 3 |
| **3** Su | 0504 | 2.5 | 76 |
| | 1131 | 0.3 | 9 |
| | 1715 | 1.9 | 58 |
| | 2314 | 0.0 | 0 |
| **4** M | 0550 | 2.7 | 82 |
| | 1216 | 0.1 | 3 |
| | 1803 | 2.0 | 61 |
| **5** Tu | 0001 | −0.1 | −3 |
| | 0633 | 2.8 | 85 |
| | 1256 | 0.0 | 0 |
| | 1848 | 2.2 | 67 |
| **6** W ● | 0046 | −0.2 | −6 |
| | 0714 | 2.9 | 88 |
| | 1335 | −0.1 | −3 |
| | 1930 | 2.4 | 73 |
| **7** Th | 0130 | −0.3 | −9 |
| | 0753 | 3.0 | 91 |
| | 1412 | −0.2 | −6 |
| | 2012 | 2.6 | 79 |
| **8** F | 0214 | −0.3 | −9 |
| | 0832 | 3.0 | 91 |
| | 1449 | −0.3 | −9 |
| | 2054 | 2.7 | 82 |
| **9** Sa | 0259 | −0.3 | −9 |
| | 0912 | 3.0 | 91 |
| | 1528 | −0.4 | −12 |
| | 2138 | 2.8 | 85 |
| **10** Su | 0346 | −0.3 | −9 |
| | 0954 | 2.8 | 85 |
| | 1608 | −0.4 | −12 |
| | 2224 | 2.9 | 88 |
| **11** M | 0435 | −0.2 | −6 |
| | 1039 | 2.7 | 82 |
| | 1651 | −0.4 | −12 |
| | 2315 | 2.9 | 88 |
| **12** Tu | 0529 | −0.1 | −3 |
| | 1128 | 2.5 | 76 |
| | 1739 | −0.4 | −12 |
| **13** W ◐ | 0010 | 2.9 | 88 |
| | 0629 | 0.0 | 0 |
| | 1223 | 2.3 | 70 |
| | 1834 | −0.3 | −9 |
| **14** Th | 0112 | 2.8 | 85 |
| | 0736 | 0.1 | 3 |
| | 1326 | 2.1 | 64 |
| | 1936 | −0.2 | −6 |
| **15** F | 0219 | 2.8 | 85 |
| | 0848 | 0.2 | 6 |
| | 1436 | 2.0 | 61 |
| | 2044 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0328 | 2.8 | 85 |
| | 0959 | 0.1 | 3 |
| | 1548 | 2.1 | 64 |
| | 2153 | −0.2 | −6 |
| **17** Su | 0434 | 2.9 | 88 |
| | 1103 | 0.0 | 0 |
| | 1655 | 2.2 | 67 |
| | 2258 | −0.2 | −6 |
| **18** M | 0533 | 3.0 | 91 |
| | 1159 | −0.1 | −3 |
| | 1754 | 2.4 | 73 |
| | 2357 | −0.3 | −9 |
| **19** Tu | 0626 | 3.1 | 94 |
| | 1248 | −0.2 | −6 |
| | 1847 | 2.5 | 76 |
| **20** W ○ | 0050 | −0.4 | −12 |
| | 0713 | 3.1 | 94 |
| | 1332 | −0.3 | −9 |
| | 1935 | 2.7 | 82 |
| **21** Th | 0139 | −0.4 | −12 |
| | 0757 | 3.0 | 91 |
| | 1413 | −0.4 | −12 |
| | 2019 | 2.7 | 82 |
| **22** F | 0225 | −0.3 | −9 |
| | 0838 | 2.9 | 88 |
| | 1452 | −0.4 | −12 |
| | 2101 | 2.8 | 85 |
| **23** Sa | 0308 | −0.3 | −9 |
| | 0917 | 2.8 | 85 |
| | 1529 | −0.3 | −9 |
| | 2141 | 2.7 | 82 |
| **24** Su | 0350 | −0.1 | −3 |
| | 0955 | 2.6 | 79 |
| | 1605 | −0.2 | −6 |
| | 2221 | 2.7 | 82 |
| **25** M | 0433 | 0.0 | 0 |
| | 1033 | 2.4 | 73 |
| | 1641 | −0.1 | −3 |
| | 2302 | 2.6 | 79 |
| **26** Tu | 0516 | 0.1 | 3 |
| | 1112 | 2.1 | 64 |
| | 1719 | 0.0 | 0 |
| | 2346 | 2.5 | 76 |
| **27** W | 0603 | 0.3 | 9 |
| | 1155 | 2.0 | 61 |
| | 1801 | 0.1 | 3 |
| **28** Th ◑ | 0034 | 2.4 | 73 |
| | 0656 | 0.4 | 12 |
| | 1243 | 1.8 | 55 |
| | 1849 | 0.2 | 6 |
| **29** F | 0129 | 2.3 | 70 |
| | 0756 | 0.5 | 15 |
| | 1340 | 1.7 | 52 |
| | 1944 | 0.3 | 9 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0229 | 2.3 | 70 |
| | 0859 | 0.5 | 15 |
| | 1443 | 1.7 | 52 |
| | 2046 | 0.3 | 9 |
| **2** Su | 0330 | 2.4 | 73 |
| | 0959 | 0.5 | 15 |
| | 1545 | 1.8 | 55 |
| | 2146 | 0.2 | 6 |
| **3** M | 0425 | 2.5 | 76 |
| | 1051 | 0.3 | 9 |
| | 1642 | 2.0 | 61 |
| | 2243 | 0.1 | 3 |
| **4** Tu | 0514 | 2.7 | 82 |
| | 1137 | 0.2 | 6 |
| | 1732 | 2.2 | 67 |
| | 2334 | 0.0 | 0 |
| **5** W | 0559 | 2.8 | 85 |
| | 1218 | 0.0 | 0 |
| | 1818 | 2.5 | 76 |
| **6** Th | 0022 | −0.2 | −6 |
| | 0642 | 2.9 | 88 |
| | 1258 | −0.2 | −6 |
| | 1902 | 2.7 | 82 |
| **7** F ● | 0109 | −0.3 | −9 |
| | 0724 | 3.0 | 91 |
| | 1337 | −0.3 | −9 |
| | 1946 | 3.0 | 91 |
| **8** Sa | 0156 | −0.4 | −12 |
| | 0806 | 3.0 | 91 |
| | 1416 | −0.5 | −15 |
| | 2030 | 3.1 | 94 |
| **9** Su | 0243 | −0.4 | −12 |
| | 0848 | 2.9 | 88 |
| | 1457 | −0.5 | −15 |
| | 2116 | 3.2 | 98 |
| **10** M | 0331 | −0.4 | −12 |
| | 0933 | 2.8 | 85 |
| | 1541 | −0.5 | −15 |
| | 2204 | 3.2 | 98 |
| **11** Tu | 0422 | −0.3 | −9 |
| | 1021 | 2.6 | 79 |
| | 1627 | −0.5 | −15 |
| | 2256 | 3.2 | 98 |
| **12** W | 0517 | −0.2 | −6 |
| | 1113 | 2.4 | 73 |
| | 1719 | −0.3 | −9 |
| | 2353 | 3.0 | 91 |
| **13** Th | 0618 | 0.0 | 0 |
| | 1211 | 2.3 | 70 |
| | 1818 | −0.2 | −6 |
| **14** F ◐ | 0057 | 2.9 | 88 |
| | 0726 | 0.1 | 3 |
| | 1318 | 2.1 | 64 |
| | 1924 | −0.1 | −3 |
| **15** Sa | 0206 | 2.8 | 85 |
| | 0837 | 0.2 | 6 |
| | 1431 | 2.1 | 64 |
| | 2037 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0316 | 2.8 | 85 |
| | 0946 | 0.2 | 6 |
| | 1543 | 2.2 | 67 |
| | 2148 | 0.0 | 0 |
| **17** M | 0420 | 2.8 | 85 |
| | 1046 | 0.1 | 3 |
| | 1647 | 2.3 | 70 |
| | 2252 | 0.0 | 0 |
| **18** Tu | 0517 | 2.9 | 88 |
| | 1138 | 0.0 | 0 |
| | 1743 | 2.5 | 76 |
| | 2349 | −0.1 | −3 |
| **19** W | 0607 | 2.9 | 88 |
| | 1224 | −0.1 | −3 |
| | 1831 | 2.7 | 82 |
| **20** Th | 0038 | −0.2 | −6 |
| | 0651 | 2.9 | 88 |
| | 1304 | −0.2 | −6 |
| | 1914 | 2.8 | 85 |
| **21** F ○ | 0123 | −0.2 | −6 |
| | 0732 | 2.8 | 85 |
| | 1341 | −0.2 | −6 |
| | 1954 | 2.9 | 88 |
| **22** Sa | 0205 | −0.2 | −6 |
| | 0810 | 2.7 | 82 |
| | 1417 | −0.2 | −6 |
| | 2032 | 2.9 | 88 |
| **23** Su | 0245 | −0.2 | −6 |
| | 0847 | 2.6 | 79 |
| | 1451 | −0.2 | −6 |
| | 2109 | 2.9 | 88 |
| **24** M | 0325 | −0.1 | −3 |
| | 0923 | 2.4 | 73 |
| | 1525 | −0.1 | −3 |
| | 2146 | 2.8 | 85 |
| **25** Tu | 0404 | 0.0 | 0 |
| | 0959 | 2.2 | 67 |
| | 1600 | 0.0 | 0 |
| | 2225 | 2.7 | 82 |
| **26** W | 0445 | 0.2 | 6 |
| | 1037 | 2.1 | 64 |
| | 1637 | 0.1 | 3 |
| | 2306 | 2.6 | 79 |
| **27** Th | 0529 | 0.3 | 9 |
| | 1119 | 2.0 | 61 |
| | 1718 | 0.2 | 6 |
| | 2352 | 2.5 | 76 |
| **28** F | 0618 | 0.4 | 12 |
| | 1206 | 1.9 | 58 |
| | 1806 | 0.3 | 9 |
| **29** Sa ◑ | 0045 | 2.4 | 73 |
| | 0714 | 0.5 | 15 |
| | 1302 | 1.8 | 55 |
| | 1902 | 0.4 | 12 |
| **30** Su | 0143 | 2.4 | 73 |
| | 0814 | 0.5 | 15 |
| | 1405 | 1.9 | 58 |
| | 2005 | 0.4 | 12 |
| **31** M | 0242 | 2.4 | 73 |
| | 0912 | 0.5 | 15 |
| | 1508 | 2.0 | 61 |
| | 2109 | 0.3 | 9 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Settlement Point, Grand Bahama Island, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0339 | 2.5 | 76 |
| | 1004 | 0.3 | 9 |
| | 1605 | 2.2 | 67 |
| | 2209 | 0.2 | 6 |
| **2** W | 0432 | 2.7 | 82 |
| | 1051 | 0.1 | 3 |
| | 1657 | 2.5 | 76 |
| | 2305 | 0.0 | 0 |
| **3** Th | 0520 | 2.8 | 85 |
| | 1135 | −0.1 | −3 |
| | 1746 | 2.8 | 85 |
| | 2357 | −0.1 | −3 |
| **4** F | 0607 | 2.9 | 88 |
| | 1218 | −0.3 | −9 |
| | 1833 | 3.1 | 94 |
| **5** Sa ● | 0047 | −0.3 | −9 |
| | 0653 | 2.9 | 88 |
| | 1300 | −0.4 | −12 |
| | 1919 | 3.3 | 101 |
| **6** Su | 0136 | −0.4 | −12 |
| | 0739 | 2.9 | 88 |
| | 1344 | −0.6 | −18 |
| | 2006 | 3.4 | 104 |
| **7** M | 0226 | −0.5 | −15 |
| | 0825 | 2.8 | 85 |
| | 1429 | −0.6 | −18 |
| | 2055 | 3.5 | 107 |
| **8** Tu | 0317 | −0.4 | −12 |
| | 0914 | 2.7 | 82 |
| | 1517 | −0.6 | −18 |
| | 2146 | 3.5 | 107 |
| **9** W | 0410 | −0.3 | −9 |
| | 1006 | 2.6 | 79 |
| | 1608 | −0.5 | −15 |
| | 2240 | 3.3 | 101 |
| **10** Th | 0507 | −0.2 | −6 |
| | 1102 | 2.4 | 73 |
| | 1704 | −0.3 | −9 |
| | 2339 | 3.2 | 98 |
| **11** F | 0608 | 0.0 | 0 |
| | 1204 | 2.3 | 70 |
| | 1807 | −0.1 | −3 |
| **12** Sa ◐ | 0043 | 3.0 | 91 |
| | 0714 | 0.1 | 3 |
| | 1312 | 2.2 | 67 |
| | 1916 | 0.1 | 3 |
| **13** Su | 0150 | 2.8 | 85 |
| | 0821 | 0.1 | 3 |
| | 1424 | 2.3 | 70 |
| | 2028 | 0.1 | 3 |
| **14** M | 0256 | 2.7 | 82 |
| | 0924 | 0.1 | 3 |
| | 1532 | 2.4 | 73 |
| | 2138 | 0.2 | 6 |
| **15** Tu | 0358 | 2.7 | 82 |
| | 1020 | 0.1 | 3 |
| | 1632 | 2.5 | 76 |
| | 2240 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0452 | 2.7 | 82 |
| | 1109 | 0.0 | 0 |
| | 1723 | 2.7 | 82 |
| | 2334 | 0.1 | 3 |
| **17** Th | 0540 | 2.6 | 79 |
| | 1152 | −0.1 | −3 |
| | 1808 | 2.8 | 85 |
| **18** F | 0021 | 0.0 | 0 |
| | 0623 | 2.6 | 79 |
| | 1230 | −0.1 | −3 |
| | 1849 | 2.9 | 88 |
| **19** Sa | 0104 | 0.0 | 0 |
| | 0703 | 2.5 | 76 |
| | 1306 | −0.2 | −6 |
| | 1927 | 2.9 | 88 |
| **20** Su ○ | 0144 | −0.1 | −3 |
| | 0741 | 2.4 | 73 |
| | 1341 | −0.1 | −3 |
| | 2003 | 2.9 | 88 |
| **21** M | 0223 | −0.1 | −3 |
| | 0817 | 2.3 | 70 |
| | 1416 | −0.1 | −3 |
| | 2039 | 2.9 | 88 |
| **22** Tu | 0301 | 0.0 | 0 |
| | 0854 | 2.2 | 67 |
| | 1450 | −0.1 | −3 |
| | 2116 | 2.8 | 85 |
| **23** W | 0340 | 0.1 | 3 |
| | 0931 | 2.1 | 64 |
| | 1526 | 0.0 | 0 |
| | 2155 | 2.8 | 85 |
| **24** Th | 0420 | 0.2 | 6 |
| | 1010 | 2.0 | 61 |
| | 1604 | 0.1 | 3 |
| | 2235 | 2.7 | 82 |
| **25** F | 0502 | 0.3 | 9 |
| | 1051 | 2.0 | 61 |
| | 1646 | 0.2 | 6 |
| | 2319 | 2.6 | 79 |
| **26** Sa | 0548 | 0.4 | 12 |
| | 1138 | 1.9 | 58 |
| | 1733 | 0.3 | 9 |
| **27** Su | 0007 | 2.5 | 76 |
| | 0638 | 0.4 | 12 |
| | 1232 | 1.9 | 58 |
| | 1827 | 0.4 | 12 |
| **28** M ◑ | 0100 | 2.5 | 76 |
| | 0731 | 0.4 | 12 |
| | 1331 | 2.0 | 61 |
| | 1929 | 0.4 | 12 |
| **29** Tu | 0156 | 2.5 | 76 |
| | 0824 | 0.3 | 9 |
| | 1431 | 2.2 | 67 |
| | 2033 | 0.4 | 12 |
| **30** W | 0252 | 2.5 | 76 |
| | 0915 | 0.2 | 6 |
| | 1528 | 2.4 | 73 |
| | 2136 | 0.2 | 6 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0347 | 2.6 | 79 |
| | 1004 | 0.0 | 0 |
| | 1622 | 2.7 | 82 |
| | 2235 | 0.1 | 3 |
| **2** F | 0440 | 2.6 | 79 |
| | 1052 | −0.2 | −6 |
| | 1714 | 3.0 | 91 |
| | 2331 | −0.1 | −3 |
| **3** Sa | 0532 | 2.7 | 82 |
| | 1139 | −0.4 | −12 |
| | 1805 | 3.3 | 101 |
| **4** Su | 0025 | −0.3 | −9 |
| | 0623 | 2.7 | 82 |
| | 1227 | −0.5 | −15 |
| | 1855 | 3.5 | 107 |
| **5** M ● | 0118 | −0.4 | −12 |
| | 0714 | 2.7 | 82 |
| | 1316 | −0.6 | −18 |
| | 1946 | 3.6 | 110 |
| **6** Tu | 0210 | −0.5 | −15 |
| | 0805 | 2.7 | 82 |
| | 1406 | −0.7 | −21 |
| | 2037 | 3.6 | 110 |
| **7** W | 0304 | −0.4 | −12 |
| | 0858 | 2.6 | 79 |
| | 1459 | −0.6 | −18 |
| | 2131 | 3.6 | 110 |
| **8** Th | 0358 | −0.4 | −12 |
| | 0953 | 2.6 | 79 |
| | 1554 | −0.5 | −15 |
| | 2226 | 3.4 | 104 |
| **9** F | 0455 | −0.2 | −6 |
| | 1052 | 2.5 | 76 |
| | 1652 | −0.3 | −9 |
| | 2324 | 3.2 | 98 |
| **10** Sa | 0554 | −0.1 | −3 |
| | 1154 | 2.4 | 73 |
| | 1755 | −0.1 | −3 |
| **11** Su ◐ | 0025 | 3.0 | 91 |
| | 0655 | 0.0 | 0 |
| | 1301 | 2.4 | 73 |
| | 1903 | 0.1 | 3 |
| **12** M | 0127 | 2.8 | 85 |
| | 0755 | 0.0 | 0 |
| | 1407 | 2.4 | 73 |
| | 2012 | 0.2 | 6 |
| **13** Tu | 0228 | 2.6 | 79 |
| | 0852 | 0.1 | 3 |
| | 1510 | 2.5 | 76 |
| | 2118 | 0.3 | 9 |
| **14** W | 0326 | 2.5 | 76 |
| | 0945 | 0.0 | 0 |
| | 1607 | 2.6 | 79 |
| | 2218 | 0.3 | 9 |
| **15** Th | 0419 | 2.4 | 73 |
| | 1032 | 0.0 | 0 |
| | 1656 | 2.7 | 82 |
| | 2312 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0508 | 2.3 | 70 |
| | 1114 | 0.0 | 0 |
| | 1740 | 2.8 | 85 |
| | 2359 | 0.1 | 3 |
| **17** Sa | 0552 | 2.3 | 70 |
| | 1154 | 0.0 | 0 |
| | 1821 | 2.9 | 88 |
| **18** Su | 0042 | 0.1 | 3 |
| | 0633 | 2.2 | 67 |
| | 1231 | −0.1 | −3 |
| | 1859 | 2.9 | 88 |
| **19** M ○ | 0122 | 0.1 | 3 |
| | 0712 | 2.2 | 67 |
| | 1308 | −0.1 | −3 |
| | 1937 | 2.9 | 88 |
| **20** Tu | 0201 | 0.0 | 0 |
| | 0750 | 2.2 | 67 |
| | 1345 | 0.0 | 0 |
| | 2014 | 2.9 | 88 |
| **21** W | 0240 | 0.1 | 3 |
| | 0829 | 2.1 | 64 |
| | 1422 | 0.0 | 0 |
| | 2052 | 2.9 | 88 |
| **22** Th | 0319 | 0.1 | 3 |
| | 0907 | 2.1 | 64 |
| | 1500 | 0.1 | 3 |
| | 2130 | 2.8 | 85 |
| **23** F | 0358 | 0.2 | 6 |
| | 0947 | 2.1 | 64 |
| | 1539 | 0.2 | 6 |
| | 2210 | 2.8 | 85 |
| **24** Sa | 0439 | 0.2 | 6 |
| | 1029 | 2.1 | 64 |
| | 1621 | 0.3 | 9 |
| | 2251 | 2.7 | 82 |
| **25** Su | 0521 | 0.3 | 9 |
| | 1115 | 2.1 | 64 |
| | 1707 | 0.3 | 9 |
| | 2335 | 2.7 | 82 |
| **26** M | 0604 | 0.3 | 9 |
| | 1205 | 2.1 | 64 |
| | 1800 | 0.4 | 12 |
| **27** Tu ◑ | 0022 | 2.6 | 79 |
| | 0650 | 0.3 | 9 |
| | 1259 | 2.3 | 70 |
| | 1858 | 0.4 | 12 |
| **28** W | 0114 | 2.6 | 79 |
| | 0739 | 0.2 | 6 |
| | 1356 | 2.4 | 73 |
| | 2002 | 0.4 | 12 |
| **29** Th | 0209 | 2.5 | 76 |
| | 0829 | 0.1 | 3 |
| | 1453 | 2.7 | 82 |
| | 2106 | 0.3 | 9 |
| **30** F | 0306 | 2.5 | 76 |
| | 0921 | −0.1 | −3 |
| | 1550 | 2.9 | 88 |
| | 2208 | 0.1 | 3 |
| **31** Sa | 0404 | 2.5 | 76 |
| | 1013 | −0.3 | −9 |
| | 1646 | 3.2 | 98 |
| | 2308 | −0.1 | −3 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0501 | 2.5 | 76 |
| | 1107 | −0.4 | −12 |
| | 1741 | 3.4 | 104 |
| **2** M | 0006 | −0.2 | −6 |
| | 0557 | 2.6 | 79 |
| | 1200 | −0.5 | −15 |
| | 1835 | 3.6 | 110 |
| **3** Tu ● | 0101 | −0.3 | −9 |
| | 0653 | 2.6 | 79 |
| | 1254 | −0.6 | −18 |
| | 1929 | 3.7 | 113 |
| **4** W | 0156 | −0.4 | −12 |
| | 0748 | 2.6 | 79 |
| | 1349 | −0.6 | −18 |
| | 2022 | 3.7 | 113 |
| **5** Th | 0250 | −0.4 | −12 |
| | 0844 | 2.7 | 82 |
| | 1444 | −0.5 | −15 |
| | 2116 | 3.6 | 110 |
| **6** F | 0344 | −0.3 | −9 |
| | 0940 | 2.6 | 79 |
| | 1541 | −0.4 | −12 |
| | 2210 | 3.5 | 107 |
| **7** Sa | 0438 | −0.3 | −9 |
| | 1038 | 2.6 | 79 |
| | 1639 | −0.2 | −6 |
| | 2305 | 3.2 | 98 |
| **8** Su | 0532 | −0.2 | −6 |
| | 1138 | 2.6 | 79 |
| | 1739 | 0.0 | 0 |
| **9** M | 0000 | 3.0 | 91 |
| | 0626 | −0.1 | −3 |
| | 1238 | 2.6 | 79 |
| | 1841 | 0.2 | 6 |
| **10** Tu ◐ | 0056 | 2.8 | 85 |
| | 0720 | 0.0 | 0 |
| | 1339 | 2.6 | 79 |
| | 1945 | 0.3 | 9 |
| **11** W | 0152 | 2.5 | 76 |
| | 0812 | 0.1 | 3 |
| | 1438 | 2.6 | 79 |
| | 2049 | 0.4 | 12 |
| **12** Th | 0247 | 2.4 | 73 |
| | 0902 | 0.1 | 3 |
| | 1532 | 2.7 | 82 |
| | 2149 | 0.4 | 12 |
| **13** F | 0340 | 2.2 | 67 |
| | 0950 | 0.1 | 3 |
| | 1622 | 2.7 | 82 |
| | 2243 | 0.4 | 12 |
| **14** Sa | 0431 | 2.1 | 64 |
| | 1034 | 0.1 | 3 |
| | 1709 | 2.8 | 85 |
| | 2332 | 0.3 | 9 |
| **15** Su | 0518 | 2.1 | 64 |
| | 1117 | 0.1 | 3 |
| | 1752 | 2.8 | 85 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0017 | 0.3 | 9 |
| | 0602 | 2.1 | 64 |
| | 1159 | 0.1 | 3 |
| | 1833 | 2.9 | 88 |
| **17** Tu | 0059 | 0.2 | 6 |
| | 0644 | 2.1 | 64 |
| | 1239 | 0.1 | 3 |
| | 1913 | 2.9 | 88 |
| **18** W ○ | 0139 | 0.2 | 6 |
| | 0725 | 2.2 | 67 |
| | 1319 | 0.1 | 3 |
| | 1952 | 3.0 | 91 |
| **19** Th | 0218 | 0.2 | 6 |
| | 0806 | 2.2 | 67 |
| | 1358 | 0.1 | 3 |
| | 2030 | 3.0 | 91 |
| **20** F | 0257 | 0.2 | 6 |
| | 0846 | 2.2 | 67 |
| | 1438 | 0.1 | 3 |
| | 2108 | 3.0 | 91 |
| **21** Sa | 0335 | 0.2 | 6 |
| | 0926 | 2.3 | 70 |
| | 1518 | 0.2 | 6 |
| | 2146 | 3.0 | 91 |
| **22** Su | 0412 | 0.2 | 6 |
| | 1007 | 2.3 | 70 |
| | 1600 | 0.3 | 9 |
| | 2224 | 2.9 | 88 |
| **23** M | 0450 | 0.2 | 6 |
| | 1051 | 2.4 | 73 |
| | 1646 | 0.3 | 9 |
| | 2305 | 2.8 | 85 |
| **24** Tu | 0530 | 0.2 | 6 |
| | 1138 | 2.5 | 76 |
| | 1737 | 0.4 | 12 |
| | 2349 | 2.7 | 82 |
| **25** W | 0612 | 0.2 | 6 |
| | 1229 | 2.6 | 79 |
| | 1833 | 0.4 | 12 |
| **26** Th | 0039 | 2.6 | 79 |
| | 0659 | 0.1 | 3 |
| | 1324 | 2.7 | 82 |
| | 1935 | 0.4 | 12 |
| **27** F | 0133 | 2.5 | 76 |
| | 0750 | 0.0 | 0 |
| | 1423 | 2.9 | 88 |
| | 2040 | 0.4 | 12 |
| **28** Sa | 0233 | 2.5 | 76 |
| | 0845 | −0.1 | −3 |
| | 1523 | 3.1 | 94 |
| | 2146 | 0.3 | 9 |
| **29** Su | 0335 | 2.4 | 73 |
| | 0944 | −0.2 | −6 |
| | 1624 | 3.3 | 101 |
| | 2250 | 0.1 | 3 |
| **30** M | 0438 | 2.5 | 76 |
| | 1043 | −0.3 | −9 |
| | 1723 | 3.5 | 107 |
| | 2350 | 0.0 | 0 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Settlement Point, Grand Bahama Island, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0539 | 2.5 | 76 |
| | 1142 | −0.4 | −12 |
| | 1820 | 3.6 | 110 |
| **2** W ● | 0047 | −0.1 | −3 |
| | 0637 | 2.7 | 82 |
| | 1239 | −0.4 | −12 |
| | 1915 | 3.7 | 113 |
| **3** Th | 0141 | −0.2 | −6 |
| | 0734 | 2.8 | 85 |
| | 1336 | −0.4 | −12 |
| | 2008 | 3.7 | 113 |
| **4** F | 0234 | −0.2 | −6 |
| | 0830 | 2.8 | 85 |
| | 1431 | −0.4 | −12 |
| | 2100 | 3.6 | 110 |
| **5** Sa | 0324 | −0.2 | −6 |
| | 0924 | 2.9 | 88 |
| | 1526 | −0.2 | −6 |
| | 2150 | 3.5 | 107 |
| **6** Su | 0414 | −0.2 | −6 |
| | 1018 | 2.9 | 88 |
| | 1621 | 0.0 | 0 |
| | 2240 | 3.3 | 101 |
| **7** M | 0502 | −0.1 | −3 |
| | 1112 | 2.9 | 88 |
| | 1716 | 0.1 | 3 |
| | 2329 | 3.0 | 91 |
| **8** Tu | 0550 | 0.0 | 0 |
| | 1206 | 2.8 | 85 |
| | 1813 | 0.3 | 9 |
| **9** W ◐ | 0019 | 2.8 | 85 |
| | 0638 | 0.1 | 3 |
| | 1301 | 2.8 | 85 |
| | 1911 | 0.5 | 15 |
| **10** Th | 0110 | 2.5 | 76 |
| | 0726 | 0.2 | 6 |
| | 1356 | 2.7 | 82 |
| | 2011 | 0.6 | 18 |
| **11** F | 0203 | 2.3 | 70 |
| | 0815 | 0.3 | 9 |
| | 1451 | 2.7 | 82 |
| | 2111 | 0.6 | 18 |
| **12** Sa | 0258 | 2.2 | 67 |
| | 0905 | 0.3 | 9 |
| | 1544 | 2.7 | 82 |
| | 2209 | 0.6 | 18 |
| **13** Su | 0352 | 2.1 | 64 |
| | 0955 | 0.3 | 9 |
| | 1635 | 2.8 | 85 |
| | 2302 | 0.6 | 18 |
| **14** M | 0444 | 2.1 | 64 |
| | 1043 | 0.3 | 9 |
| | 1722 | 2.9 | 88 |
| | 2349 | 0.5 | 15 |
| **15** Tu | 0532 | 2.2 | 67 |
| | 1129 | 0.3 | 9 |
| | 1806 | 3.0 | 91 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0033 | 0.5 | 15 |
| | 0618 | 2.2 | 67 |
| | 1214 | 0.2 | 6 |
| | 1848 | 3.1 | 94 |
| **17** Th | 0114 | 0.4 | 12 |
| | 0701 | 2.3 | 70 |
| | 1256 | 0.2 | 6 |
| | 1927 | 3.2 | 98 |
| **18** F ○ | 0152 | 0.3 | 9 |
| | 0742 | 2.5 | 76 |
| | 1337 | 0.2 | 6 |
| | 2005 | 3.2 | 98 |
| **19** Sa | 0229 | 0.3 | 9 |
| | 0822 | 2.6 | 79 |
| | 1418 | 0.2 | 6 |
| | 2042 | 3.2 | 98 |
| **20** Su | 0305 | 0.2 | 6 |
| | 0902 | 2.7 | 82 |
| | 1459 | 0.2 | 6 |
| | 2119 | 3.2 | 98 |
| **21** M | 0340 | 0.2 | 6 |
| | 0942 | 2.8 | 85 |
| | 1542 | 0.3 | 9 |
| | 2157 | 3.1 | 94 |
| **22** Tu | 0417 | 0.2 | 6 |
| | 1025 | 2.8 | 85 |
| | 1627 | 0.3 | 9 |
| | 2237 | 3.0 | 91 |
| **23** W | 0455 | 0.2 | 6 |
| | 1111 | 2.9 | 88 |
| | 1717 | 0.4 | 12 |
| | 2321 | 2.9 | 88 |
| **24** Th | 0538 | 0.1 | 3 |
| | 1201 | 3.0 | 91 |
| | 1813 | 0.5 | 15 |
| **25** F ◑ | 0011 | 2.7 | 82 |
| | 0626 | 0.1 | 3 |
| | 1257 | 3.1 | 94 |
| | 1914 | 0.5 | 15 |
| **26** Sa | 0107 | 2.6 | 79 |
| | 0720 | 0.1 | 3 |
| | 1359 | 3.2 | 98 |
| | 2022 | 0.5 | 15 |
| **27** Su | 0210 | 2.5 | 76 |
| | 0820 | 0.1 | 3 |
| | 1503 | 3.3 | 101 |
| | 2130 | 0.5 | 15 |
| **28** M | 0317 | 2.5 | 76 |
| | 0925 | 0.1 | 3 |
| | 1608 | 3.4 | 104 |
| | 2237 | 0.4 | 12 |
| **29** Tu | 0424 | 2.6 | 79 |
| | 1029 | 0.0 | 0 |
| | 1710 | 3.5 | 107 |
| | 2338 | 0.3 | 9 |
| **30** W | 0528 | 2.7 | 82 |
| | 1131 | −0.1 | −3 |
| | 1808 | 3.7 | 113 |
| **31** Th | 0033 | 0.1 | 3 |
| | 0627 | 2.9 | 88 |
| | 1230 | −0.1 | −3 |
| | 1901 | 3.7 | 113 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0125 | 0.0 | 0 |
| | 0722 | 3.0 | 91 |
| | 1325 | −0.2 | −6 |
| | 1951 | 3.7 | 113 |
| **2** Sa | 0213 | 0.0 | 0 |
| | 0814 | 3.1 | 94 |
| | 1418 | −0.1 | −3 |
| | 2039 | 3.7 | 113 |
| **3** Su | 0258 | 0.0 | 0 |
| | 0904 | 3.2 | 98 |
| | 1509 | 0.0 | 0 |
| | 2125 | 3.5 | 107 |
| **4** M | 0343 | 0.0 | 0 |
| | 0952 | 3.2 | 98 |
| | 1558 | 0.2 | 6 |
| | 2210 | 3.3 | 101 |
| **5** Tu | 0426 | 0.1 | 3 |
| | 1040 | 3.1 | 94 |
| | 1648 | 0.3 | 9 |
| | 2254 | 3.0 | 91 |
| **6** W | 0508 | 0.2 | 6 |
| | 1128 | 3.0 | 91 |
| | 1739 | 0.5 | 15 |
| | 2339 | 2.8 | 85 |
| **7** Th | 0551 | 0.3 | 9 |
| | 1217 | 2.9 | 88 |
| | 1832 | 0.7 | 21 |
| **8** F ◐ | 0027 | 2.5 | 76 |
| | 0637 | 0.5 | 15 |
| | 1309 | 2.8 | 85 |
| | 1929 | 0.8 | 24 |
| **9** Sa | 0118 | 2.3 | 70 |
| | 0726 | 0.6 | 18 |
| | 1405 | 2.8 | 85 |
| | 2030 | 0.9 | 27 |
| **10** Su | 0214 | 2.2 | 67 |
| | 0820 | 0.6 | 18 |
| | 1503 | 2.8 | 85 |
| | 2130 | 0.9 | 27 |
| **11** M | 0313 | 2.2 | 67 |
| | 0916 | 0.6 | 18 |
| | 1558 | 2.9 | 88 |
| | 2227 | 0.9 | 27 |
| **12** Tu | 0410 | 2.2 | 67 |
| | 1010 | 0.6 | 18 |
| | 1650 | 3.0 | 91 |
| | 2317 | 0.8 | 24 |
| **13** W | 0503 | 2.4 | 73 |
| | 1101 | 0.5 | 15 |
| | 1736 | 3.1 | 94 |
| **14** Th | 0001 | 0.7 | 21 |
| | 0550 | 2.5 | 76 |
| | 1148 | 0.5 | 15 |
| | 1819 | 3.2 | 98 |
| **15** F | 0041 | 0.6 | 18 |
| | 0633 | 2.7 | 82 |
| | 1232 | 0.4 | 12 |
| | 1858 | 3.3 | 101 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0118 | 0.4 | 12 |
| | 0714 | 2.9 | 88 |
| | 1315 | 0.3 | 9 |
| | 1936 | 3.4 | 104 |
| **17** Su | 0154 | 0.3 | 9 |
| | 0754 | 3.0 | 91 |
| | 1357 | 0.3 | 9 |
| | 2013 | 3.4 | 104 |
| **18** M | 0229 | 0.3 | 9 |
| | 0834 | 3.2 | 98 |
| | 1439 | 0.3 | 9 |
| | 2051 | 3.4 | 104 |
| **19** Tu | 0305 | 0.2 | 6 |
| | 0915 | 3.3 | 101 |
| | 1523 | 0.3 | 9 |
| | 2131 | 3.3 | 101 |
| **20** W | 0343 | 0.2 | 6 |
| | 0959 | 3.3 | 101 |
| | 1610 | 0.3 | 9 |
| | 2213 | 3.1 | 94 |
| **21** Th | 0423 | 0.2 | 6 |
| | 1046 | 3.4 | 104 |
| | 1701 | 0.4 | 12 |
| | 2259 | 3.0 | 91 |
| **22** F | 0509 | 0.2 | 6 |
| | 1138 | 3.4 | 104 |
| | 1757 | 0.5 | 15 |
| | 2351 | 2.8 | 85 |
| **23** Sa ◑ | 0600 | 0.3 | 9 |
| | 1236 | 3.3 | 101 |
| | 1900 | 0.7 | 21 |
| **24** Su | 0050 | 2.6 | 79 |
| | 0700 | 0.3 | 9 |
| | 1342 | 3.3 | 101 |
| | 2010 | 0.7 | 21 |
| **25** M | 0158 | 2.6 | 79 |
| | 0806 | 0.4 | 12 |
| | 1450 | 3.4 | 104 |
| | 2120 | 0.7 | 21 |
| **26** Tu | 0310 | 2.6 | 79 |
| | 0916 | 0.4 | 12 |
| | 1558 | 3.4 | 104 |
| | 2226 | 0.6 | 18 |
| **27** W | 0419 | 2.7 | 82 |
| | 1024 | 0.3 | 9 |
| | 1659 | 3.5 | 107 |
| | 2324 | 0.4 | 12 |
| **28** Th | 0521 | 2.9 | 88 |
| | 1126 | 0.2 | 6 |
| | 1754 | 3.6 | 110 |
| **29** F | 0016 | 0.3 | 9 |
| | 0617 | 3.1 | 94 |
| | 1222 | 0.1 | 3 |
| | 1845 | 3.7 | 113 |
| **30** Sa ● | 0103 | 0.2 | 6 |
| | 0707 | 3.3 | 101 |
| | 1314 | 0.1 | 3 |
| | 1931 | 3.6 | 110 |
| **31** Su | 0147 | 0.1 | 3 |
| | 0754 | 3.4 | 104 |
| | 1402 | 0.1 | 3 |
| | 2015 | 3.5 | 107 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0228 | 0.1 | 3 |
| | 0839 | 3.5 | 107 |
| | 1449 | 0.2 | 6 |
| | 2057 | 3.4 | 104 |
| **2** Tu | 0307 | 0.2 | 6 |
| | 0922 | 3.4 | 104 |
| | 1534 | 0.3 | 9 |
| | 2137 | 3.2 | 98 |
| **3** W | 0346 | 0.3 | 9 |
| | 1004 | 3.3 | 101 |
| | 1618 | 0.5 | 15 |
| | 2218 | 2.9 | 88 |
| **4** Th | 0425 | 0.4 | 12 |
| | 1047 | 3.2 | 98 |
| | 1704 | 0.6 | 18 |
| | 2300 | 2.7 | 82 |
| **5** F | 0505 | 0.5 | 15 |
| | 1133 | 3.1 | 94 |
| | 1753 | 0.8 | 24 |
| | 2345 | 2.5 | 76 |
| **6** Sa | 0549 | 0.7 | 21 |
| | 1222 | 2.9 | 88 |
| | 1847 | 0.9 | 27 |
| **7** Su ◐ | 0035 | 2.4 | 73 |
| | 0639 | 0.8 | 24 |
| | 1318 | 2.9 | 88 |
| | 1946 | 1.0 | 30 |
| **8** M | 0133 | 2.3 | 70 |
| | 0735 | 0.9 | 27 |
| | 1418 | 2.8 | 85 |
| | 2049 | 1.0 | 30 |
| **9** Tu | 0235 | 2.3 | 70 |
| | 0836 | 0.9 | 27 |
| | 1517 | 2.9 | 88 |
| | 2147 | 1.0 | 30 |
| **10** W | 0336 | 2.4 | 73 |
| | 0936 | 0.8 | 24 |
| | 1611 | 3.0 | 91 |
| | 2237 | 0.9 | 27 |
| **11** Th | 0430 | 2.6 | 79 |
| | 1031 | 0.7 | 21 |
| | 1659 | 3.1 | 94 |
| | 2321 | 0.8 | 24 |
| **12** F | 0518 | 2.8 | 85 |
| | 1120 | 0.6 | 18 |
| | 1742 | 3.3 | 101 |
| **13** Sa | 0000 | 0.6 | 18 |
| | 0602 | 3.0 | 91 |
| | 1206 | 0.5 | 15 |
| | 1823 | 3.4 | 104 |
| **14** Su | 0038 | 0.4 | 12 |
| | 0644 | 3.2 | 98 |
| | 1251 | 0.3 | 9 |
| | 1903 | 3.4 | 104 |
| **15** M ○ | 0115 | 0.3 | 9 |
| | 0725 | 3.4 | 104 |
| | 1335 | 0.3 | 9 |
| | 1943 | 3.4 | 104 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0152 | 0.2 | 6 |
| | 0806 | 3.6 | 110 |
| | 1419 | 0.2 | 6 |
| | 2024 | 3.4 | 104 |
| **17** W | 0231 | 0.1 | 3 |
| | 0850 | 3.7 | 113 |
| | 1506 | 0.2 | 6 |
| | 2106 | 3.3 | 101 |
| **18** Th | 0312 | 0.1 | 3 |
| | 0935 | 3.7 | 113 |
| | 1554 | 0.3 | 9 |
| | 2152 | 3.1 | 94 |
| **19** F | 0357 | 0.1 | 3 |
| | 1025 | 3.7 | 113 |
| | 1647 | 0.4 | 12 |
| | 2242 | 2.9 | 88 |
| **20** Sa | 0447 | 0.2 | 6 |
| | 1120 | 3.6 | 110 |
| | 1745 | 0.5 | 15 |
| | 2338 | 2.8 | 85 |
| **21** Su | 0543 | 0.3 | 9 |
| | 1221 | 3.5 | 107 |
| | 1850 | 0.7 | 21 |
| **22** M ◑ | 0043 | 2.7 | 82 |
| | 0648 | 0.5 | 15 |
| | 1329 | 3.4 | 104 |
| | 2000 | 0.7 | 21 |
| **23** Tu | 0155 | 2.7 | 82 |
| | 0800 | 0.5 | 15 |
| | 1439 | 3.4 | 104 |
| | 2109 | 0.7 | 21 |
| **24** W | 0308 | 2.7 | 82 |
| | 0913 | 0.5 | 15 |
| | 1545 | 3.4 | 104 |
| | 2212 | 0.6 | 18 |
| **25** Th | 0414 | 2.9 | 88 |
| | 1020 | 0.5 | 15 |
| | 1644 | 3.4 | 104 |
| | 2306 | 0.5 | 15 |
| **26** F | 0512 | 3.1 | 94 |
| | 1120 | 0.4 | 12 |
| | 1737 | 3.4 | 104 |
| | 2353 | 0.3 | 9 |
| **27** Sa | 0603 | 3.3 | 101 |
| | 1212 | 0.3 | 9 |
| | 1824 | 3.4 | 104 |
| **28** Su | 0037 | 0.2 | 6 |
| | 0649 | 3.4 | 104 |
| | 1301 | 0.3 | 9 |
| | 1907 | 3.3 | 101 |
| **29** M ● | 0116 | 0.2 | 6 |
| | 0732 | 3.5 | 107 |
| | 1345 | 0.3 | 9 |
| | 1948 | 3.2 | 98 |
| **30** Tu | 0154 | 0.2 | 6 |
| | 0812 | 3.5 | 107 |
| | 1428 | 0.3 | 9 |
| | 2028 | 3.1 | 94 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Settlement Point, Grand Bahama Island, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0231 | 0.2 | 6 |
| | 0851 | 3.5 | 107 |
| | 1509 | 0.4 | 12 |
| | 2106 | 2.9 | 88 |
| **2** Th | 0307 | 0.3 | 9 |
| | 0930 | 3.4 | 104 |
| | 1550 | 0.5 | 15 |
| | 2145 | 2.7 | 82 |
| **3** F | 0344 | 0.4 | 12 |
| | 1010 | 3.2 | 98 |
| | 1633 | 0.6 | 18 |
| | 2225 | 2.6 | 79 |
| **4** Sa | 0423 | 0.6 | 18 |
| | 1053 | 3.1 | 94 |
| | 1718 | 0.8 | 24 |
| | 2309 | 2.4 | 73 |
| **5** Su | 0506 | 0.7 | 21 |
| | 1140 | 3.0 | 91 |
| | 1809 | 0.9 | 27 |
| | 2358 | 2.3 | 70 |
| **6** M | 0556 | 0.8 | 24 |
| | 1233 | 2.9 | 88 |
| | 1905 | 1.0 | 30 |
| **7** Tu ◐ | 0055 | 2.3 | 70 |
| | 0653 | 0.9 | 27 |
| | 1331 | 2.8 | 85 |
| | 2004 | 1.0 | 30 |
| **8** W | 0157 | 2.3 | 70 |
| | 0755 | 0.9 | 27 |
| | 1429 | 2.9 | 88 |
| | 2059 | 0.9 | 27 |
| **9** Th | 0258 | 2.5 | 76 |
| | 0858 | 0.9 | 27 |
| | 1524 | 2.9 | 88 |
| | 2149 | 0.8 | 24 |
| **10** F | 0353 | 2.7 | 82 |
| | 0956 | 0.8 | 24 |
| | 1615 | 3.0 | 91 |
| | 2233 | 0.6 | 18 |
| **11** Sa | 0442 | 2.9 | 88 |
| | 1049 | 0.6 | 18 |
| | 1701 | 3.1 | 94 |
| | 2315 | 0.4 | 12 |
| **12** Su | 0527 | 3.2 | 98 |
| | 1138 | 0.4 | 12 |
| | 1745 | 3.2 | 98 |
| | 2355 | 0.2 | 6 |
| **13** M | 0611 | 3.4 | 104 |
| | 1226 | 0.2 | 6 |
| | 1829 | 3.2 | 98 |
| **14** Tu ○ | 0036 | 0.1 | 3 |
| | 0655 | 3.7 | 113 |
| | 1313 | 0.1 | 3 |
| | 1913 | 3.2 | 98 |
| **15** W | 0117 | −0.1 | −3 |
| | 0740 | 3.8 | 116 |
| | 1400 | 0.0 | 0 |
| | 1958 | 3.2 | 98 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0201 | −0.1 | −3 |
| | 0827 | 3.9 | 119 |
| | 1449 | 0.0 | 0 |
| | 2045 | 3.1 | 94 |
| **17** F | 0247 | −0.1 | −3 |
| | 0916 | 3.9 | 119 |
| | 1541 | 0.1 | 3 |
| | 2135 | 3.0 | 91 |
| **18** Sa | 0337 | 0.0 | 0 |
| | 1009 | 3.8 | 116 |
| | 1636 | 0.2 | 6 |
| | 2229 | 2.8 | 85 |
| **19** Su | 0431 | 0.1 | 3 |
| | 1106 | 3.6 | 110 |
| | 1735 | 0.4 | 12 |
| | 2330 | 2.7 | 82 |
| **20** M | 0532 | 0.3 | 9 |
| | 1208 | 3.4 | 104 |
| | 1839 | 0.5 | 15 |
| **21** Tu ◑ | 0038 | 2.7 | 82 |
| | 0640 | 0.4 | 12 |
| | 1314 | 3.3 | 101 |
| | 1946 | 0.5 | 15 |
| **22** W | 0150 | 2.7 | 82 |
| | 0753 | 0.5 | 15 |
| | 1422 | 3.2 | 98 |
| | 2050 | 0.5 | 15 |
| **23** Th | 0300 | 2.8 | 85 |
| | 0905 | 0.5 | 15 |
| | 1525 | 3.1 | 94 |
| | 2148 | 0.4 | 12 |
| **24** F | 0402 | 3.0 | 91 |
| | 1011 | 0.5 | 15 |
| | 1623 | 3.1 | 94 |
| | 2240 | 0.3 | 9 |
| **25** Sa | 0457 | 3.1 | 94 |
| | 1108 | 0.4 | 12 |
| | 1714 | 3.0 | 91 |
| | 2325 | 0.2 | 6 |
| **26** Su | 0545 | 3.3 | 101 |
| | 1159 | 0.3 | 9 |
| | 1800 | 3.0 | 91 |
| **27** M | 0007 | 0.2 | 6 |
| | 0628 | 3.3 | 101 |
| | 1245 | 0.3 | 9 |
| | 1842 | 2.9 | 88 |
| **28** Tu ● | 0045 | 0.1 | 3 |
| | 0708 | 3.4 | 104 |
| | 1327 | 0.2 | 6 |
| | 1922 | 2.8 | 85 |
| **29** W | 0122 | 0.1 | 3 |
| | 0746 | 3.4 | 104 |
| | 1407 | 0.2 | 6 |
| | 2000 | 2.7 | 82 |
| **30** Th | 0158 | 0.2 | 6 |
| | 0823 | 3.3 | 101 |
| | 1446 | 0.3 | 9 |
| | 2038 | 2.6 | 79 |
| **31** F | 0234 | 0.2 | 6 |
| | 0901 | 3.2 | 98 |
| | 1526 | 0.4 | 12 |
| | 2116 | 2.5 | 76 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0311 | 0.3 | 9 |
| | 0940 | 3.1 | 94 |
| | 1607 | 0.5 | 15 |
| | 2156 | 2.4 | 73 |
| **2** Su | 0350 | 0.4 | 12 |
| | 1021 | 3.0 | 91 |
| | 1650 | 0.6 | 18 |
| | 2239 | 2.3 | 70 |
| **3** M | 0432 | 0.6 | 18 |
| | 1105 | 2.9 | 88 |
| | 1736 | 0.7 | 21 |
| | 2327 | 2.2 | 67 |
| **4** Tu | 0520 | 0.7 | 21 |
| | 1153 | 2.8 | 85 |
| | 1825 | 0.7 | 21 |
| **5** W ◐ | 0020 | 2.2 | 67 |
| | 0614 | 0.8 | 24 |
| | 1244 | 2.7 | 82 |
| | 1916 | 0.7 | 21 |
| **6** Th | 0118 | 2.3 | 70 |
| | 0714 | 0.8 | 24 |
| | 1338 | 2.7 | 82 |
| | 2007 | 0.6 | 18 |
| **7** F | 0216 | 2.4 | 73 |
| | 0817 | 0.7 | 21 |
| | 1433 | 2.7 | 82 |
| | 2056 | 0.5 | 15 |
| **8** Sa | 0312 | 2.6 | 79 |
| | 0918 | 0.6 | 18 |
| | 1526 | 2.7 | 82 |
| | 2143 | 0.3 | 9 |
| **9** Su | 0403 | 2.9 | 88 |
| | 1016 | 0.4 | 12 |
| | 1617 | 2.8 | 85 |
| | 2229 | 0.1 | 3 |
| **10** M | 0453 | 3.2 | 98 |
| | 1110 | 0.2 | 6 |
| | 1707 | 2.8 | 85 |
| | 2314 | −0.1 | −3 |
| **11** Tu | 0541 | 3.4 | 104 |
| | 1202 | 0.1 | 3 |
| | 1757 | 2.8 | 85 |
| **12** W | 0001 | −0.2 | −6 |
| | 0629 | 3.6 | 110 |
| | 1252 | −0.1 | −3 |
| | 1846 | 2.9 | 88 |
| **13** Th ○ | 0048 | −0.4 | −12 |
| | 0719 | 3.8 | 116 |
| | 1343 | −0.2 | −6 |
| | 1936 | 2.9 | 88 |
| **14** F | 0137 | −0.4 | −12 |
| | 0809 | 3.8 | 116 |
| | 1435 | −0.2 | −6 |
| | 2028 | 2.8 | 85 |
| **15** Sa | 0228 | −0.4 | −12 |
| | 0901 | 3.8 | 116 |
| | 1528 | −0.2 | −6 |
| | 2122 | 2.8 | 85 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0322 | −0.3 | −9 |
| | 0955 | 3.7 | 113 |
| | 1624 | −0.1 | −3 |
| | 2219 | 2.7 | 82 |
| **17** M | 0420 | −0.1 | −3 |
| | 1052 | 3.5 | 107 |
| | 1721 | 0.0 | 0 |
| | 2321 | 2.7 | 82 |
| **18** Tu | 0522 | 0.1 | 3 |
| | 1151 | 3.3 | 101 |
| | 1821 | 0.1 | 3 |
| **19** W ◑ | 0027 | 2.6 | 79 |
| | 0629 | 0.2 | 6 |
| | 1253 | 3.1 | 94 |
| | 1922 | 0.2 | 6 |
| **20** Th | 0134 | 2.7 | 82 |
| | 0739 | 0.4 | 12 |
| | 1356 | 2.9 | 88 |
| | 2021 | 0.2 | 6 |
| **21** F | 0240 | 2.7 | 82 |
| | 0849 | 0.4 | 12 |
| | 1456 | 2.7 | 82 |
| | 2116 | 0.1 | 3 |
| **22** Sa | 0340 | 2.8 | 85 |
| | 0953 | 0.4 | 12 |
| | 1553 | 2.6 | 79 |
| | 2207 | 0.1 | 3 |
| **23** Su | 0434 | 2.9 | 88 |
| | 1051 | 0.3 | 9 |
| | 1645 | 2.5 | 76 |
| | 2253 | 0.1 | 3 |
| **24** M | 0521 | 3.0 | 91 |
| | 1141 | 0.3 | 9 |
| | 1733 | 2.4 | 73 |
| | 2335 | 0.0 | 0 |
| **25** Tu | 0604 | 3.0 | 91 |
| | 1226 | 0.2 | 6 |
| | 1816 | 2.4 | 73 |
| **26** W | 0015 | 0.0 | 0 |
| | 0644 | 3.1 | 94 |
| | 1308 | 0.2 | 6 |
| | 1857 | 2.3 | 70 |
| **27** Th ● | 0053 | 0.0 | 0 |
| | 0723 | 3.1 | 94 |
| | 1348 | 0.1 | 3 |
| | 1936 | 2.3 | 70 |
| **28** F | 0131 | 0.0 | 0 |
| | 0800 | 3.1 | 94 |
| | 1426 | 0.1 | 3 |
| | 2015 | 2.2 | 67 |
| **29** Sa | 0208 | 0.1 | 3 |
| | 0838 | 3.0 | 91 |
| | 1505 | 0.2 | 6 |
| | 2054 | 2.2 | 67 |
| **30** Su | 0246 | 0.1 | 3 |
| | 0917 | 3.0 | 91 |
| | 1544 | 0.2 | 6 |
| | 2134 | 2.2 | 67 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0325 | 0.2 | 6 |
| | 0955 | 2.9 | 88 |
| | 1624 | 0.3 | 9 |
| | 2215 | 2.1 | 64 |
| **2** Tu | 0406 | 0.3 | 9 |
| | 1035 | 2.8 | 85 |
| | 1704 | 0.3 | 9 |
| | 2259 | 2.1 | 64 |
| **3** W | 0451 | 0.4 | 12 |
| | 1117 | 2.7 | 82 |
| | 1746 | 0.4 | 12 |
| | 2347 | 2.2 | 67 |
| **4** Th | 0541 | 0.5 | 15 |
| | 1201 | 2.6 | 79 |
| | 1830 | 0.3 | 9 |
| **5** F ◐ | 0039 | 2.3 | 70 |
| | 0637 | 0.5 | 15 |
| | 1250 | 2.5 | 76 |
| | 1915 | 0.3 | 9 |
| **6** Sa | 0133 | 2.4 | 73 |
| | 0738 | 0.5 | 15 |
| | 1343 | 2.4 | 73 |
| | 2004 | 0.2 | 6 |
| **7** Su | 0229 | 2.6 | 79 |
| | 0841 | 0.4 | 12 |
| | 1439 | 2.4 | 73 |
| | 2054 | 0.0 | 0 |
| **8** M | 0325 | 2.8 | 85 |
| | 0943 | 0.3 | 9 |
| | 1536 | 2.4 | 73 |
| | 2146 | −0.1 | −3 |
| **9** Tu | 0420 | 3.1 | 94 |
| | 1043 | 0.1 | 3 |
| | 1633 | 2.4 | 73 |
| | 2239 | −0.3 | −9 |
| **10** W | 0515 | 3.3 | 101 |
| | 1140 | −0.1 | −3 |
| | 1729 | 2.5 | 76 |
| | 2332 | −0.5 | −15 |
| **11** Th | 0608 | 3.5 | 107 |
| | 1235 | −0.2 | −6 |
| | 1824 | 2.5 | 76 |
| **12** F ○ | 0026 | −0.6 | −18 |
| | 0701 | 3.6 | 110 |
| | 1328 | −0.3 | −9 |
| | 1919 | 2.6 | 79 |
| **13** Sa | 0120 | −0.6 | −18 |
| | 0755 | 3.7 | 113 |
| | 1421 | −0.4 | −12 |
| | 2014 | 2.7 | 82 |
| **14** Su | 0215 | −0.6 | −18 |
| | 0848 | 3.6 | 110 |
| | 1514 | −0.4 | −12 |
| | 2110 | 2.7 | 82 |
| **15** M | 0311 | −0.5 | −15 |
| | 0941 | 3.5 | 107 |
| | 1607 | −0.4 | −12 |
| | 2207 | 2.7 | 82 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0408 | −0.4 | −12 |
| | 1035 | 3.3 | 101 |
| | 1701 | −0.3 | −9 |
| | 2306 | 2.7 | 82 |
| **17** W | 0508 | −0.2 | −6 |
| | 1129 | 3.1 | 94 |
| | 1755 | −0.2 | −6 |
| **18** Th | 0006 | 2.6 | 79 |
| | 0610 | 0.0 | 0 |
| | 1225 | 2.8 | 85 |
| | 1849 | −0.1 | −3 |
| **19** F ◑ | 0108 | 2.6 | 79 |
| | 0716 | 0.2 | 6 |
| | 1322 | 2.5 | 76 |
| | 1943 | −0.1 | −3 |
| **20** Sa | 0209 | 2.6 | 79 |
| | 0822 | 0.3 | 9 |
| | 1420 | 2.3 | 70 |
| | 2037 | 0.0 | 0 |
| **21** Su | 0308 | 2.6 | 79 |
| | 0926 | 0.3 | 9 |
| | 1518 | 2.1 | 64 |
| | 2128 | 0.0 | 0 |
| **22** M | 0403 | 2.6 | 79 |
| | 1026 | 0.3 | 9 |
| | 1613 | 2.0 | 61 |
| | 2217 | 0.0 | 0 |
| **23** Tu | 0453 | 2.7 | 82 |
| | 1119 | 0.2 | 6 |
| | 1704 | 2.0 | 61 |
| | 2304 | 0.0 | 0 |
| **24** W | 0539 | 2.7 | 82 |
| | 1206 | 0.2 | 6 |
| | 1750 | 2.0 | 61 |
| | 2347 | 0.0 | 0 |
| **25** Th | 0622 | 2.8 | 85 |
| | 1248 | 0.1 | 3 |
| | 1834 | 2.0 | 61 |
| **26** F | 0029 | −0.1 | −3 |
| | 0702 | 2.8 | 85 |
| | 1328 | 0.1 | 3 |
| | 1915 | 2.0 | 61 |
| **27** Sa ● | 0109 | −0.1 | −3 |
| | 0740 | 2.9 | 88 |
| | 1407 | 0.0 | 0 |
| | 1954 | 2.1 | 64 |
| **28** Su | 0148 | −0.1 | −3 |
| | 0818 | 2.9 | 88 |
| | 1444 | 0.0 | 0 |
| | 2033 | 2.1 | 64 |
| **29** M | 0227 | 0.0 | 0 |
| | 0855 | 2.9 | 88 |
| | 1520 | 0.0 | 0 |
| | 2112 | 2.1 | 64 |
| **30** Tu | 0305 | 0.0 | 0 |
| | 0931 | 2.8 | 85 |
| | 1556 | 0.0 | 0 |
| | 2151 | 2.2 | 67 |
| **31** W | 0345 | 0.1 | 3 |
| | 1007 | 2.7 | 82 |
| | 1631 | 0.0 | 0 |
| | 2232 | 2.2 | 67 |

Time meridian 75° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Magueyes Island, Puerto Rico, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0815 | 0.5 | 15 |
| | 2030 | 0.0 | 0 |
| **2** W | 0808 | 0.6 | 18 |
| | 2052 | −0.1 | −3 |
| **3** Th | 0823 | 0.6 | 18 |
| | 2129 | −0.2 | −6 |
| **4** F | 0849 | 0.6 | 18 |
| | 2214 | −0.2 | −6 |
| **5** Sa | 0920 | 0.6 | 18 |
| | 2259 | −0.3 | −9 |
| **6** Su | 0953 | 0.7 | 21 |
| | 2340 | −0.3 | −9 |
| **7** M | 1025 | 0.7 | 21 |
| **8** Tu ● | 0016 | −0.3 | −9 |
| | 1055 | 0.7 | 21 |
| **9** W | 0047 | −0.2 | −6 |
| | 1120 | 0.7 | 21 |
| **10** Th | 0113 | −0.2 | −6 |
| | 1140 | 0.7 | 21 |
| **11** F | 0133 | −0.1 | −3 |
| | 1151 | 0.7 | 21 |
| **12** Sa | 0145 | 0.0 | 0 |
| | 1145 | 0.6 | 18 |
| **13** Su | 0129 | 0.1 | 3 |
| | 1107 | 0.5 | 15 |
| | 2242 | 0.2 | 6 |
| **14** M | 0941 | 0.4 | 12 |
| | 1940 | 0.1 | 3 |
| **15** Tu ◐ | 0806 | 0.5 | 15 |
| | 1911 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0736 | 0.6 | 18 |
| | 1929 | −0.1 | −3 |
| **17** Th | 0749 | 0.6 | 18 |
| | 2012 | −0.3 | −9 |
| **18** F | 0819 | 0.7 | 21 |
| | 2112 | −0.3 | −9 |
| **19** Sa | 0856 | 0.7 | 21 |
| | 2216 | −0.4 | −12 |
| **20** Su | 0934 | 0.7 | 21 |
| | 2317 | −0.4 | −12 |
| **21** M | 1011 | 0.7 | 21 |
| **22** Tu ○ | 0009 | −0.3 | −9 |
| | 1041 | 0.7 | 21 |
| **23** W | 0053 | −0.3 | −9 |
| | 1103 | 0.6 | 18 |
| **24** Th | 0129 | −0.2 | −6 |
| | 1112 | 0.6 | 18 |
| **25** F | 0157 | 0.0 | 0 |
| | 1103 | 0.5 | 15 |
| **26** Sa | 0212 | 0.1 | 3 |
| | 1030 | 0.4 | 12 |
| | 1831 | 0.1 | 3 |
| | 2202 | 0.2 | 6 |
| **27** Su | 0149 | 0.1 | 3 |
| | 0930 | 0.3 | 9 |
| | 1741 | 0.1 | 3 |
| **28** M | 0810 | 0.4 | 12 |
| | 1736 | 0.0 | 0 |
| **29** Tu | 0714 | 0.4 | 12 |
| | 1752 | −0.1 | −3 |
| **30** W ◑ | 0708 | 0.4 | 12 |
| | 1823 | −0.2 | −6 |
| **31** Th | 0727 | 0.5 | 15 |
| | 1913 | −0.2 | −6 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0756 | 0.5 | 15 |
| | 2022 | −0.3 | −9 |
| **2** Sa | 0828 | 0.5 | 15 |
| | 2139 | −0.3 | −9 |
| **3** Su | 0859 | 0.6 | 18 |
| | 2243 | −0.3 | −9 |
| **4** M | 0927 | 0.6 | 18 |
| | 2331 | −0.3 | −9 |
| **5** Tu | 0952 | 0.6 | 18 |
| **6** W ● | 0010 | −0.2 | −6 |
| | 1013 | 0.6 | 18 |
| **7** Th | 0044 | −0.2 | −6 |
| | 1027 | 0.6 | 18 |
| **8** F | 0116 | −0.1 | −3 |
| | 1030 | 0.5 | 15 |
| **9** Sa | 0145 | 0.0 | 0 |
| | 1015 | 0.4 | 12 |
| | 1818 | 0.1 | 3 |
| | 2051 | 0.2 | 6 |
| **10** Su | 0204 | 0.1 | 3 |
| | 0928 | 0.4 | 12 |
| | 1659 | 0.1 | 3 |
| **11** M | 0755 | 0.3 | 9 |
| | 1639 | 0.0 | 0 |
| **12** Tu | 0620 | 0.4 | 12 |
| | 1649 | −0.1 | −3 |
| **13** W ◐ | 0610 | 0.5 | 15 |
| | 1718 | −0.2 | −6 |
| **14** Th | 0639 | 0.5 | 15 |
| | 1805 | −0.3 | −9 |
| **15** F | 0718 | 0.6 | 18 |
| | 1911 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0757 | 0.6 | 18 |
| | 2040 | −0.3 | −9 |
| **17** Su | 0835 | 0.6 | 18 |
| | 2210 | −0.3 | −9 |
| **18** M | 0907 | 0.6 | 18 |
| | 2322 | −0.2 | −6 |
| **19** Tu | 0932 | 0.6 | 18 |
| **20** W ○ | 0018 | −0.2 | −6 |
| | 0947 | 0.5 | 15 |
| **21** Th | 0106 | −0.1 | −3 |
| | 0949 | 0.4 | 12 |
| **22** F | 0149 | 0.0 | 0 |
| | 0934 | 0.4 | 12 |
| | 1613 | 0.1 | 3 |
| | 2052 | 0.2 | 6 |
| **23** Sa | 0232 | 0.1 | 3 |
| | 0857 | 0.3 | 9 |
| | 1539 | 0.1 | 3 |
| | 2223 | 0.3 | 9 |
| **24** Su | 0318 | 0.2 | 6 |
| | 0751 | 0.3 | 9 |
| | 1529 | 0.0 | 0 |
| **25** M | 0000 | 0.3 | 9 |
| | 0426 | 0.2 | 6 |
| | 0539 | 0.3 | 9 |
| | 1535 | −0.1 | −3 |
| **26** Tu | 0353 | 0.3 | 9 |
| | 1551 | −0.2 | −6 |
| **27** W | 0507 | 0.4 | 12 |
| | 1617 | −0.2 | −6 |
| **28** Th ◑ | 0554 | 0.4 | 12 |
| | 1652 | −0.3 | −9 |
| **29** F | 0636 | 0.4 | 12 |
| | 1739 | −0.3 | −9 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0714 | 0.5 | 15 |
| | 1846 | −0.2 | −6 |
| **2** Su | 0747 | 0.5 | 15 |
| | 2029 | −0.2 | −6 |
| **3** M | 0815 | 0.6 | 18 |
| | 2206 | −0.2 | −6 |
| **4** Tu | 0839 | 0.6 | 18 |
| | 2313 | −0.1 | −3 |
| **5** W | 0857 | 0.6 | 18 |
| **6** Th | 0009 | 0.0 | 0 |
| | 0907 | 0.5 | 15 |
| **7** F ● | 0105 | 0.1 | 3 |
| | 0904 | 0.4 | 12 |
| | 1601 | 0.1 | 3 |
| | 2034 | 0.2 | 6 |
| **8** Sa | 0206 | 0.1 | 3 |
| | 0835 | 0.3 | 9 |
| | 1509 | 0.1 | 3 |
| | 2157 | 0.3 | 9 |
| **9** Su | 0330 | 0.2 | 6 |
| | 0714 | 0.3 | 9 |
| | 1447 | 0.0 | 0 |
| | 2322 | 0.4 | 12 |
| **10** M | 1448 | −0.1 | −3 |
| **11** Tu | 0114 | 0.4 | 12 |
| | 1508 | −0.2 | −6 |
| **12** W | 0326 | 0.5 | 15 |
| | 1539 | −0.3 | −9 |
| **13** Th | 0449 | 0.5 | 15 |
| | 1619 | −0.3 | −9 |
| **14** F ◐ | 0549 | 0.6 | 18 |
| | 1708 | −0.3 | −9 |
| **15** Sa | 0638 | 0.6 | 18 |
| | 1808 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0719 | 0.6 | 18 |
| | 1936 | −0.2 | −6 |
| **17** M | 0750 | 0.6 | 18 |
| | 2152 | −0.1 | −3 |
| **18** Tu | 0810 | 0.5 | 15 |
| | 2331 | 0.0 | 0 |
| **19** W | 0818 | 0.4 | 12 |
| | 1559 | 0.1 | 3 |
| | 1916 | 0.2 | 6 |
| **20** Th | 0047 | 0.1 | 3 |
| | 0809 | 0.4 | 12 |
| | 1445 | 0.1 | 3 |
| | 2028 | 0.3 | 9 |
| **21** F ○ | 0202 | 0.2 | 6 |
| | 0740 | 0.3 | 9 |
| | 1410 | 0.1 | 3 |
| | 2121 | 0.3 | 9 |
| **22** Sa | 0336 | 0.1 | 3 |
| | 0634 | 0.2 | 6 |
| | 1356 | 0.0 | 0 |
| | 2209 | 0.4 | 12 |
| **23** Su | 1356 | −0.1 | −3 |
| | 2258 | 0.4 | 12 |
| **24** M | 1405 | −0.2 | −6 |
| | 2356 | 0.4 | 12 |
| **25** Tu | 1422 | −0.3 | −9 |
| **26** W | 0118 | 0.4 | 12 |
| | 1446 | −0.3 | −9 |
| **27** Th | 0307 | 0.4 | 12 |
| | 1515 | −0.3 | −9 |
| **28** F | 0431 | 0.4 | 12 |
| | 1547 | −0.3 | −9 |
| **29** Sa ◑ | 0527 | 0.5 | 15 |
| | 1622 | −0.2 | −6 |
| **30** Su | 0609 | 0.5 | 15 |
| | 1655 | −0.2 | −6 |
| **31** M | 0640 | 0.5 | 15 |
| | 1721 | −0.1 | −3 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Magueyes Island, Puerto Rico, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0705 | 0.5 | 15 | 16 W | 0616 | 0.4 | 12 |
| | 1711 | 0.0 | 0 | | 1347 | 0.1 | 3 |
| | | | | | 2048 | 0.3 | 9 |
| 2 W | 0722 | 0.5 | 15 | 17 Th | 0055 | 0.2 | 6 |
| | 1600 | 0.0 | 0 | | 0538 | 0.3 | 9 |
| | 2016 | 0.1 | 3 | | 1301 | 0.1 | 3 |
| | 2305 | 0.0 | 0 | | 2059 | 0.4 | 12 |
| 3 Th | 0728 | 0.4 | 12 | 18 F | 1239 | 0.0 | 0 |
| | 1449 | 0.2 | 6 | | 2123 | 0.5 | 15 |
| | 2031 | 0.3 | 9 | | | | |
| 4 F | 0106 | 0.2 | 6 | 19 Sa | 1234 | −0.1 | −3 |
| | 0710 | 0.3 | 9 | | 2152 | 0.5 | 15 |
| | 1355 | 0.1 | 3 | | | | |
| | 2107 | 0.4 | 12 | | | | |
| 5 Sa | 0338 | 0.2 | 6 | 20 Su | 1240 | −0.2 | −6 |
| | 0542 | 0.3 | 9 | | 2226 | 0.5 | 15 |
| | 1322 | 0.0 | 0 | | | | |
| ● | 2151 | 0.5 | 15 | ○ | | | |
| 6 Su | 1313 | −0.1 | −3 | 21 M | 1254 | −0.3 | −9 |
| | 2243 | 0.5 | 15 | | 2305 | 0.5 | 15 |
| 7 M | 1324 | −0.2 | −6 | 22 Tu | 1314 | −0.3 | −9 |
| | 2345 | 0.6 | 18 | | 2355 | 0.5 | 15 |
| 8 Tu | 1349 | −0.3 | −9 | 23 W | 1338 | −0.3 | −9 |
| 9 W | 0102 | 0.6 | 18 | 24 Th | 0057 | 0.5 | 15 |
| | 1422 | −0.4 | −12 | | 1405 | −0.3 | −9 |
| 10 Th | 0229 | 0.6 | 18 | 25 F | 0206 | 0.5 | 15 |
| | 1500 | −0.4 | −12 | | 1433 | −0.3 | −9 |
| 11 F | 0350 | 0.6 | 18 | 26 Sa | 0310 | 0.5 | 15 |
| | 1539 | −0.3 | −9 | | 1458 | −0.2 | −6 |
| 12 Sa | 0452 | 0.6 | 18 | 27 Su | 0400 | 0.6 | 18 |
| | 1615 | −0.2 | −6 | | 1516 | −0.2 | −6 |
| ◐ | | | | | | | |
| 13 Su | 0538 | 0.6 | 18 | 28 M | 0436 | 0.6 | 18 |
| | 1640 | −0.1 | −3 | | 1521 | −0.1 | −3 |
| | | | | ◑ | | | |
| 14 M | 0608 | 0.5 | 15 | 29 Tu | 0502 | 0.6 | 18 |
| | 1626 | 0.0 | 0 | | 1500 | 0.0 | 0 |
| 15 Tu | 0622 | 0.5 | 15 | 30 W | 0514 | 0.5 | 15 |
| | 1504 | 0.1 | 3 | | 1410 | 0.1 | 3 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Th | 0501 | 0.4 | 12 | 16 F | 1120 | −0.1 | −3 |
| | 1311 | 0.1 | 3 | | 2114 | 0.6 | 18 |
| | 2123 | 0.4 | 12 | | | | |
| 2 F | 1223 | 0.1 | 3 | 17 Sa | 1122 | −0.2 | −6 |
| | 2112 | 0.5 | 15 | | 2132 | 0.6 | 18 |
| 3 Sa | 1157 | −0.1 | −3 | 18 Su | 1134 | −0.2 | −6 |
| | 2134 | 0.6 | 18 | | 2159 | 0.6 | 18 |
| 4 Su | 1156 | −0.2 | −6 | 19 M | 1154 | −0.3 | −9 |
| | 2211 | 0.7 | 21 | | 2232 | 0.6 | 18 |
| | | | | ○ | | | |
| 5 M | 1214 | −0.3 | −9 | 20 Tu | 1219 | −0.3 | −9 |
| | 2258 | 0.7 | 21 | | 2311 | 0.6 | 18 |
| ● | | | | | | | |
| 6 Tu | 1244 | −0.4 | −12 | 21 W | 1247 | −0.4 | −12 |
| | 2353 | 0.7 | 21 | | 2354 | 0.6 | 18 |
| 7 W | 1320 | −0.4 | −12 | 22 Th | 1315 | −0.3 | −9 |
| 8 Th | 0054 | 0.7 | 21 | 23 F | 0039 | 0.6 | 18 |
| | 1358 | −0.4 | −12 | | 1341 | −0.3 | −9 |
| 9 F | 0156 | 0.7 | 21 | 24 Sa | 0121 | 0.7 | 21 |
| | 1434 | −0.4 | −12 | | 1402 | −0.2 | −6 |
| 10 Sa | 0252 | 0.7 | 21 | 25 Su | 0157 | 0.7 | 21 |
| | 1503 | −0.3 | −9 | | 1415 | −0.2 | −6 |
| 11 Su | 0334 | 0.6 | 18 | 26 M | 0224 | 0.7 | 21 |
| | 1515 | −0.1 | −3 | | 1415 | −0.1 | −3 |
| ◐ | | | | | | | |
| 12 M | 0356 | 0.5 | 15 | 27 Tu | 0238 | 0.6 | 18 |
| | 1448 | 0.0 | 0 | | 1350 | 0.0 | 0 |
| | | | | ◑ | | | |
| 13 Tu | 0350 | 0.5 | 15 | 28 W | 0228 | 0.5 | 15 |
| | 1330 | 0.1 | 3 | | 1254 | 0.1 | 3 |
| 14 W | 0246 | 0.4 | 12 | 29 Th | 0058 | 0.5 | 15 |
| | 1216 | 0.1 | 3 | | 1149 | 0.1 | 3 |
| | 2152 | 0.4 | 12 | | 2143 | 0.5 | 15 |
| 15 Th | 1135 | 0.0 | 0 | 30 F | 1100 | 0.0 | 0 |
| | 2109 | 0.5 | 15 | | 2100 | 0.6 | 18 |
| | | | | 31 Sa | 1039 | −0.1 | −3 |
| | | | | | 2109 | 0.7 | 21 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Su | 1046 | −0.2 | −6 | 16 M | 1059 | −0.3 | −9 |
| | 2138 | 0.8 | 24 | | 2159 | 0.7 | 21 |
| 2 M | 1111 | −0.3 | −9 | 17 Tu | 1132 | −0.3 | −9 |
| | 2217 | 0.8 | 24 | | 2232 | 0.7 | 21 |
| 3 Tu | 1147 | −0.4 | −12 | 18 W | 1206 | −0.3 | −9 |
| | 2303 | 0.8 | 24 | | 2306 | 0.7 | 21 |
| ● | | | | ○ | | | |
| 4 W | 1228 | −0.4 | −12 | 19 Th | 1236 | −0.3 | −9 |
| | 2351 | 0.8 | 24 | | 2338 | 0.7 | 21 |
| 5 Th | 1309 | −0.4 | −12 | 20 F | 1303 | −0.3 | −9 |
| 6 F | 0036 | 0.8 | 24 | 21 Sa | 0006 | 0.8 | 24 |
| | 1346 | −0.3 | −9 | | 1323 | −0.2 | −6 |
| 7 Sa | 0116 | 0.8 | 24 | 22 Su | 0029 | 0.8 | 24 |
| | 1414 | −0.2 | −6 | | 1336 | −0.1 | −3 |
| 8 Su | 0141 | 0.7 | 21 | 23 M | 0043 | 0.7 | 21 |
| | 1425 | −0.1 | −3 | | 1335 | 0.0 | 0 |
| 9 M | 0145 | 0.6 | 18 | 24 Tu | 0044 | 0.7 | 21 |
| | 1400 | 0.0 | 0 | | 1306 | 0.1 | 3 |
| 10 Tu | 0114 | 0.5 | 15 | 25 W | 0018 | 0.6 | 18 |
| | 1228 | 0.1 | 3 | | 1147 | 0.2 | 6 |
| | 2348 | 0.5 | 15 | | 2300 | 0.6 | 18 |
| ◐ | | | | | | | |
| 11 W | 1050 | 0.1 | 3 | 26 Th | 1015 | 0.1 | 3 |
| | 2150 | 0.5 | 15 | | 2114 | 0.6 | 18 |
| | | | | ◑ | | | |
| 12 Th | 1005 | 0.0 | 0 | 27 F | 0922 | 0.1 | 3 |
| | 2056 | 0.6 | 18 | | 2030 | 0.7 | 21 |
| 13 F | 0957 | −0.1 | −3 | 28 Sa | 0911 | −0.1 | −3 |
| | 2050 | 0.6 | 18 | | 2033 | 0.8 | 24 |
| 14 Sa | 1007 | −0.2 | −6 | 29 Su | 0931 | −0.2 | −6 |
| | 2104 | 0.7 | 21 | | 2059 | 0.8 | 24 |
| 15 Su | 1030 | −0.2 | −6 | 30 M | 1008 | −0.3 | −9 |
| | 2128 | 0.7 | 21 | | 2134 | 0.9 | 27 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Magueyes Island, Puerto Rico, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Tu | 1054<br>2215 | −0.3 / −9<br>0.9 / 27 | 16 W | 1125<br>2216 | −0.2 / −6<br>0.8 / 24 |
| 2 W ● | 1142<br>2255 | −0.4 / −12<br>0.9 / 27 | 17 Th | 1201<br>2242 | −0.2 / −6<br>0.8 / 24 |
| 3 Th | 1227<br>2331 | −0.3 / −9<br>0.9 / 27 | 18 F ○ | 1230<br>2302 | −0.1 / −3<br>0.8 / 24 |
| 4 F | 1307 | −0.2 / −6 | 19 Sa | 1254<br>2317 | 0.0 / 0<br>0.8 / 24 |
| 5 Sa | 0000<br>1338 | 0.8 / 24<br>−0.1 / −3 | 20 Su | 1311<br>2324 | 0.0 / 0<br>0.8 / 24 |
| 6 Su | 0015<br>1356 | 0.8 / 24<br>0.0 / 0 | 21 M | 1318<br>2316 | 0.1 / 3<br>0.7 / 21 |
| 7 M | 0009<br>1346<br>2335 | 0.7 / 21<br>0.2 / 6<br>0.6 / 18 | 22 Tu | 1254<br>2244 | 0.3 / 9<br>0.7 / 21 |
| 8 Tu | 1149<br>2228 | 0.2 / 6<br>0.6 / 18 | 23 W | 0931<br>2135 | 0.3 / 9<br>0.6 / 18 |
| 9 W | 0836<br>2106 | 0.2 / 6<br>0.6 / 18 | 24 Th | 0725<br>2010 | 0.2 / 6<br>0.6 / 18 |
| 10 Th ◐ | 0800<br>2016 | 0.1 / 3<br>0.6 / 18 | 25 F ◑ | 0659<br>1933 | 0.1 / 3<br>0.7 / 21 |
| 11 F | 0806<br>2008 | 0.0 / 0<br>0.7 / 21 | 26 Sa | 0712<br>1941 | 0.0 / 0<br>0.8 / 24 |
| 12 Sa | 0831<br>2022 | −0.1 / −3<br>0.7 / 21 | 27 Su | 0752<br>2008 | −0.1 / −3<br>0.9 / 27 |
| 13 Su | 0910<br>2047 | −0.1 / −3<br>0.7 / 21 | 28 M | 0848<br>2044 | −0.1 / −3<br>0.9 / 27 |
| 14 M | 0956<br>2117 | −0.2 / −6<br>0.8 / 24 | 29 Tu | 0951<br>2121 | −0.2 / −6<br>1.0 / 30 |
| 15 Tu | 1043<br>2147 | −0.2 / −6<br>0.8 / 24 | 30 W | 1052<br>2157 | −0.2 / −6<br>1.0 / 30 |
| | | | 31 Th | 1146<br>2227 | −0.1 / −3<br>0.9 / 27 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 F ● | 1231<br>2249 | −0.1 / −3<br>0.9 / 27 | 16 Sa ○ | 1227<br>2204 | 0.2 / 6<br>0.9 / 27 |
| 2 Sa | 1309<br>2257 | 0.1 / 3<br>0.8 / 24 | 17 Su | 1256<br>2205 | 0.3 / 9<br>0.8 / 24 |
| 3 Su | 1339<br>2245 | 0.2 / 6<br>0.7 / 21 | 18 M | 1322<br>2150 | 0.4 / 12<br>0.8 / 24 |
| 4 M | 1355<br>2209 | 0.3 / 9<br>0.6 / 18 | 19 Tu | 0549<br>0910<br>1337<br>2107 | 0.4 / 12<br>0.5 / 15<br>0.4 / 12<br>0.7 / 21 |
| 5 Tu | 0601<br>1034<br>1324<br>2108 | 0.3 / 9<br>0.4 / 12<br>0.3 / 9<br>0.6 / 18 | 20 W | 0446<br>1946 | 0.4 / 12<br>0.7 / 21 |
| 6 W | 0522<br>1951 | 0.3 / 9<br>0.6 / 18 | 21 Th | 0427<br>1814 | 0.3 / 9<br>0.7 / 21 |
| 7 Th | 0522<br>1902 | 0.2 / 6<br>0.7 / 21 | 22 F | 0435<br>1757 | 0.2 / 6<br>0.8 / 24 |
| 8 F ◐ | 0540<br>1859 | 0.1 / 3<br>0.7 / 21 | 23 Sa ◑ | 0502<br>1823 | 0.1 / 3<br>0.9 / 27 |
| 9 Sa | 0614<br>1920 | 0.1 / 3<br>0.7 / 21 | 24 Su | 0547<br>1900 | 0.0 / 0<br>0.9 / 27 |
| 10 Su | 0704<br>1949 | 0.0 / 0<br>0.8 / 24 | 25 M | 0651<br>1940 | 0.0 / 0<br>1.0 / 30 |
| 11 M | 0814<br>2020 | 0.0 / 0<br>0.8 / 24 | 26 Tu | 0814<br>2017 | 0.0 / 0<br>1.0 / 30 |
| 12 Tu | 0929<br>2050 | 0.0 / 0<br>0.9 / 27 | 27 W | 0942<br>2050 | 0.0 / 0<br>1.0 / 30 |
| 13 W | 1031<br>2116 | 0.0 / 0<br>0.9 / 27 | 28 Th | 1054<br>2116 | 0.1 / 3<br>1.0 / 30 |
| 14 Th | 1117<br>2138 | 0.0 / 0<br>0.9 / 27 | 29 F | 1154<br>2131 | 0.2 / 6<br>0.9 / 27 |
| 15 F | 1155<br>2154 | 0.1 / 3<br>0.9 / 27 | 30 Sa ● | 1245<br>2132 | 0.3 / 9<br>0.8 / 24 |
| | | | 31 Su | 1333<br>2113 | 0.4 / 12<br>0.7 / 21 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 M | 0348<br>0844<br>1420<br>2030 | 0.5 / 15<br>0.6 / 18<br>0.5 / 15<br>0.7 / 21 | 16 Tu | 0249<br>0948<br>1510<br>1849 | 0.5 / 15<br>0.7 / 21<br>0.6 / 18<br>0.7 / 21 |
| 2 Tu | 0315<br>1018<br>1512<br>1915 | 0.4 / 12<br>0.7 / 21<br>0.5 / 15<br>0.6 / 18 | 17 W | 0230<br>1108 | 0.4 / 12<br>0.8 / 24 |
| 3 W | 0309<br>1159 | 0.3 / 9<br>0.7 / 21 | 18 Th | 0232<br>1256 | 0.3 / 9<br>0.8 / 24 |
| 4 Th | 0318<br>1537 | 0.3 / 9<br>0.7 / 21 | 19 F | 0250<br>1505 | 0.2 / 6<br>0.9 / 27 |
| 5 F | 0337<br>1653 | 0.2 / 6<br>0.7 / 21 | 20 Sa | 0320<br>1628 | 0.1 / 3<br>0.9 / 27 |
| 6 Sa | 0406<br>1742 | 0.1 / 3<br>0.8 / 24 | 21 Su | 0401<br>1728 | 0.1 / 3<br>1.0 / 30 |
| 7 Su ◐ | 0444<br>1825 | 0.1 / 3<br>0.8 / 24 | 22 M ◑ | 0451<br>1817 | 0.1 / 3<br>1.0 / 30 |
| 8 M | 0534<br>1902 | 0.1 / 3<br>0.9 / 27 | 23 Tu | 0551<br>1858 | 0.1 / 3<br>1.0 / 30 |
| 9 Tu | 0646<br>1934 | 0.2 / 6<br>0.9 / 27 | 24 W | 0714<br>1930 | 0.2 / 6<br>1.0 / 30 |
| 10 W | 0829<br>2000 | 0.2 / 6<br>0.9 / 27 | 25 Th | 0918<br>1951 | 0.3 / 9<br>0.9 / 27 |
| 11 Th | 0957<br>2021 | 0.3 / 9<br>0.9 / 27 | 26 F | 1103<br>1959 | 0.4 / 12<br>0.9 / 27 |
| 12 F | 1100<br>2035 | 0.3 / 9<br>0.9 / 27 | 27 Sa | 0347<br>0650<br>1227<br>1949 | 0.5 / 15<br>0.6 / 18<br>0.5 / 15<br>0.8 / 24 |
| 13 Sa | 1154<br>2042 | 0.4 / 12<br>0.9 / 27 | 28 Su | 0222<br>0811<br>1349<br>1913 | 0.6 / 18<br>0.7 / 21<br>0.6 / 18<br>0.7 / 21 |
| 14 Su | 1247<br>2035 | 0.5 / 15<br>0.8 / 24 | 29 M ● | 0145<br>0907<br>1543<br>1746 | 0.5 / 15<br>0.8 / 24<br>0.5 / 15<br>0.6 / 18 |
| 15 M ○ | 0332<br>0833<br>1348<br>2006 | 0.5 / 15<br>0.6 / 18<br>0.5 / 15<br>0.7 / 21 | 30 Tu | 0132<br>0957 | 0.4 / 12<br>0.8 / 24 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Magueyes Island, Puerto Rico, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** W | 0135<br>1047 | 0.3 9<br>0.8 24 | **16** Th | 0108<br>1127 | 0.2 6<br>1.0 30 |
| **2** Th | 0148<br>1148 | 0.2 6<br>0.8 24 | **17** F | 0132<br>1243 | 0.1 3<br>1.0 30 |
| **3** F | 0208<br>1313 | 0.1 3<br>0.8 24 | **18** Sa | 0205<br>1410 | 0.0 0<br>1.0 30 |
| **4** Sa | 0234<br>1502 | 0.1 3<br>0.8 24 | **19** Su | 0244<br>1530 | 0.0 0<br>1.0 30 |
| **5** Su | 0305<br>1622 | 0.1 3<br>0.8 24 | **20** M | 0324<br>1633 | 0.0 0<br>1.0 30 |
| **6** M | 0339<br>1716 | 0.1 3<br>0.9 27 | **21** Tu ◑ | 0404<br>1719 | 0.1 3<br>1.0 30 |
| **7** Tu ◐ | 0414<br>1755 | 0.2 6<br>0.9 27 | **22** W | 0434<br>1751 | 0.2 6<br>0.9 27 |
| **8** W | 0446<br>1824 | 0.3 9<br>0.9 27 | **23** Th | 0430<br>1806 | 0.4 12<br>0.8 24 |
| **9** Th | 0505<br>1845 | 0.3 9<br>0.9 27 | **24** F | 0302<br>1759 | 0.5 15<br>0.8 24 |
| **10** F | 0435<br>1858 | 0.4 12<br>0.9 27 | **25** Sa | 0132<br>0827<br>1243<br>1715 | 0.5 15<br>0.7 21<br>0.6 18<br>0.7 21 |
| **11** Sa | 0322<br>0810<br>1055<br>1859 | 0.5 15<br>0.6 18<br>0.5 15<br>0.8 24 | **26** Su | 0039<br>0840 | 0.4 12<br>0.8 24 |
| **12** Su | 0219<br>0824<br>1256<br>1838 | 0.5 15<br>0.7 21<br>0.6 18<br>0.7 21 | **27** M | 0017<br>0906 | 0.3 9<br>0.8 24 |
| **13** M | 0132<br>0856 | 0.5 15<br>0.8 24 | **28** Tu ● | 0014<br>0936 | 0.2 6<br>0.9 27 |
| **14** Tu ○ | 0104<br>0937 | 0.4 12<br>0.9 27 | **29** W | 0022<br>1011 | 0.2 6<br>0.9 27 |
| **15** W | 0057<br>1026 | 0.3 9<br>0.9 27 | **30** Th | 0039<br>1052 | 0.1 3<br>0.9 27 |
| | | | **31** F | 0102<br>1143 | 0.0 0<br>0.9 27 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0129<br>1247 | 0.0 0<br>0.8 24 | **16** Su | 0146<br>1339 | −0.2 −6<br>1.0 30 |
| **2** Su | 0158<br>1357 | 0.0 0<br>0.8 24 | **17** M | 0225<br>1436 | −0.1 −3<br>0.9 27 |
| **3** M | 0227<br>1500 | 0.0 0<br>0.9 27 | **18** Tu | 0257<br>1520 | 0.0 0<br>0.9 27 |
| **4** Tu | 0252<br>1547 | 0.1 3<br>0.9 27 | **19** W ◑ | 0315<br>1545 | 0.1 3<br>0.8 24 |
| **5** W | 0308<br>1621 | 0.2 6<br>0.9 27 | **20** Th | 0256<br>1540 | 0.3 9<br>0.7 21 |
| **6** Th ◐ | 0308<br>1643 | 0.3 9<br>0.8 24 | **21** F | 0132<br>1424 | 0.4 12<br>0.6 18 |
| **7** F | 0239<br>1651 | 0.3 9<br>0.8 24 | **22** Sa | 0000<br>0921<br>2311 | 0.3 9<br>0.6 18<br>0.3 9 |
| **8** Sa | 0145<br>1631 | 0.4 12<br>0.7 21 | **23** Su | 0845<br>2256 | 0.7 21<br>0.2 6 |
| **9** Su | 0048<br>0905 | 0.4 12<br>0.7 21 | **24** M | 0853<br>2301 | 0.8 24<br>0.1 3 |
| **10** M | 0005<br>0855<br>2341 | 0.3 9<br>0.8 24<br>0.2 6 | **25** Tu | 0914<br>2318 | 0.8 24<br>0.0 0 |
| **11** Tu | 0916<br>2341 | 0.9 27<br>0.1 3 | **26** W | 0942<br>2342 | 0.8 24<br>−0.1 −3 |
| **12** W | 0952<br>2359 | 0.9 27<br>0.0 0 | **27** Th ● | 1016 | 0.8 24 |
| **13** Th ○ | 1038 | 1.0 30 | **28** F | 0011<br>1055 | −0.1 −3<br>0.8 24 |
| **14** F | 0029<br>1133 | −0.1 −3<br>1.0 30 | **29** Sa | 0042<br>1139 | −0.1 −3<br>0.8 24 |
| **15** Sa | 0107<br>1235 | −0.2 −6<br>1.0 30 | **30** Su | 0113<br>1223 | −0.1 −3<br>0.8 24 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** M | 0140<br>1304 | −0.1 −3<br>0.8 24 | **16** Tu | 0213<br>1325 | −0.1 −3<br>0.8 24 |
| **2** Tu | 0201<br>1338 | 0.0 0<br>0.8 24 | **17** W | 0232<br>1329 | 0.0 0<br>0.7 21 |
| **3** W | 0214<br>1402 | 0.0 0<br>0.8 24 | **18** Th | 0219<br>1250 | 0.1 3<br>0.6 18 |
| **4** Th | 0211<br>1412 | 0.1 3<br>0.7 21 | **19** F ◑ | 0039<br>1108<br>2213 | 0.2 6<br>0.5 15<br>0.2 6 |
| **5** F ◐ | 0141<br>1352 | 0.2 6<br>0.7 21 | **20** Sa | 0909<br>2120 | 0.5 15<br>0.1 3 |
| **6** Sa | 0038<br>1158<br>2329 | 0.3 9<br>0.6 18<br>0.2 6 | **21** Su | 0824<br>2117 | 0.6 18<br>0.0 0 |
| **7** Su | 0915<br>2238 | 0.6 18<br>0.2 6 | **22** M | 0825<br>2136 | 0.7 21<br>−0.1 −3 |
| **8** M | 0839<br>2218 | 0.7 21<br>0.1 3 | **23** Tu | 0842<br>2208 | 0.7 21<br>−0.2 −6 |
| **9** Tu | 0848<br>2227 | 0.8 24<br>−0.1 −3 | **24** W | 0909<br>2245 | 0.7 21<br>−0.2 −6 |
| **10** W | 0917<br>2255 | 0.8 24<br>−0.2 −6 | **25** Th | 0940<br>2326 | 0.7 21<br>−0.3 −9 |
| **11** Th | 0956<br>2334 | 0.9 27<br>−0.3 −9 | **26** F | 1014 | 0.7 21 |
| **12** F ○ | 1042 | 0.9 27 | **27** Sa ● | 0004<br>1048 | −0.3 −9<br>0.7 21 |
| **13** Sa | 0017<br>1130 | −0.3 −9<br>0.9 27 | **28** Su | 0038<br>1118 | −0.2 −6<br>0.7 21 |
| **14** Su | 0101<br>1216 | −0.3 −9<br>0.9 27 | **29** M | 0106<br>1145 | −0.2 −6<br>0.7 21 |
| **15** M | 0140<br>1257 | −0.2 −6<br>0.8 24 | **30** Tu | 0128<br>1204 | −0.1 −3<br>0.7 21 |
| | | | **31** W | 0142<br>1214 | −0.1 −3<br>0.7 21 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# San Juan, Puerto Rico, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| **1** Tu | 0359 | 1.3 | 40 | **16** W 0322 | 1.4 | 43 |
| | 1004 | 0.5 | 15 | 0934 | 0.5 | 15 |
| | 1502 | 0.9 | 27 | 1423 | 0.9 | 27 |
| | 2139 | 0.0 | 0 | 2104 | −0.3 | −9 |
| **2** W | 0456 | 1.3 | 40 | **17** Th 0430 | 1.5 | 46 |
| | 1116 | 0.6 | 18 | 1056 | 0.5 | 15 |
| | 1539 | 0.8 | 24 | 1515 | 0.8 | 24 |
| | 2219 | −0.1 | −3 | 2159 | −0.4 | −12 |
| **3** Th | 0549 | 1.4 | 43 | **18** F 0536 | 1.6 | 49 |
| | 1222 | 0.5 | 15 | 1212 | 0.5 | 15 |
| | 1619 | 0.7 | 21 | 1615 | 0.8 | 24 |
| | 2301 | −0.2 | −6 | 2259 | −0.5 | −15 |
| **4** F | 0639 | 1.4 | 43 | **19** Sa 0639 | 1.7 | 52 |
| | 1319 | 0.5 | 15 | 1318 | 0.4 | 12 |
| | 1704 | 0.7 | 21 | 1719 | 0.7 | 21 |
| | 2346 | −0.2 | −6 | 2359 | −0.5 | −15 |
| **5** Sa | 0726 | 1.5 | 46 | **20** Su 0737 | 1.7 | 52 |
| | 1409 | 0.5 | 15 | 1415 | 0.4 | 12 |
| | 1751 | 0.7 | 21 | 1825 | 0.8 | 24 |
| **6** Su | 0030 | −0.3 | −9 | **21** M 0059 | −0.5 | −15 |
| | 0811 | 1.5 | 46 | 0831 | 1.8 | 55 |
| | 1454 | 0.5 | 15 | 1504 | 0.4 | 12 |
| | 1838 | 0.7 | 21 | 1929 | 0.8 | 24 |
| **7** M | 0114 | −0.3 | −9 | **22** Tu 0156 | −0.5 | −15 |
| | 0853 | 1.6 | 49 | 0920 | 1.7 | 52 |
| | 1536 | 0.5 | 15 | 1548 | 0.3 | 9 |
| | 1926 | 0.7 | 21 | ○ 2031 | 0.9 | 27 |
| **8** Tu | 0156 | −0.3 | −9 | **23** W 0252 | −0.4 | −12 |
| | 0933 | 1.6 | 49 | 1005 | 1.7 | 52 |
| | 1614 | 0.5 | 15 | 1629 | 0.3 | 9 |
| ● | 2015 | 0.7 | 21 | 2131 | 1.0 | 30 |
| **9** W | 0238 | −0.2 | −6 | **24** Th 0345 | −0.3 | −9 |
| | 1009 | 1.6 | 49 | 1046 | 1.6 | 49 |
| | 1649 | 0.5 | 15 | 1707 | 0.2 | 6 |
| | 2106 | 0.8 | 24 | 2229 | 1.0 | 30 |
| **10** Th | 0321 | −0.2 | −6 | **25** F 0438 | −0.1 | −3 |
| | 1044 | 1.6 | 49 | 1123 | 1.5 | 46 |
| | 1721 | 0.4 | 12 | 1743 | 0.2 | 6 |
| | 2201 | 0.9 | 27 | 2326 | 1.1 | 34 |
| **11** F | 0407 | −0.1 | −3 | **26** Sa 0531 | 0.0 | 0 |
| | 1117 | 1.6 | 49 | 1158 | 1.3 | 40 |
| | 1751 | 0.4 | 12 | 1817 | 0.1 | 3 |
| | 2300 | 0.9 | 27 | | | |
| **12** Sa | 0457 | 0.1 | 3 | **27** Su 0023 | 1.2 | 37 |
| | 1150 | 1.5 | 46 | 0626 | 0.2 | 6 |
| | 1822 | 0.3 | 9 | 1230 | 1.2 | 37 |
| | | | | 1850 | 0.1 | 3 |
| **13** Su | 0002 | 1.1 | 34 | **28** M 0119 | 1.2 | 37 |
| | 0554 | 0.2 | 6 | 0723 | 0.3 | 9 |
| | 1223 | 1.4 | 43 | 1300 | 1.0 | 30 |
| | 1855 | 0.1 | 3 | 1924 | 0.0 | 0 |
| **14** M | 0107 | 1.2 | 37 | **29** Tu 0215 | 1.2 | 37 |
| | 0659 | 0.3 | 9 | 0824 | 0.4 | 12 |
| | 1259 | 1.2 | 37 | 1330 | 0.9 | 27 |
| | 1932 | 0.0 | 0 | 2001 | −0.1 | −3 |
| **15** Tu | 0214 | 1.3 | 40 | **30** W 0312 | 1.2 | 37 |
| | 0813 | 0.4 | 12 | 0929 | 0.5 | 15 |
| | 1338 | 1.1 | 34 | 1403 | 0.8 | 24 |
| ◐ | 2015 | −0.2 | −6 | ◑ 2043 | −0.1 | −3 |
| | | | | **31** Th 0411 | 1.2 | 37 |
| | | | | 1037 | 0.5 | 15 |
| | | | | 1441 | 0.7 | 21 |
| | | | | 2129 | −0.2 | −6 |

## February

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| **1** F | 0509 | 1.2 | 37 | **16** Sa 0524 | 1.5 | 46 |
| | 1142 | 0.5 | 15 | 1202 | 0.4 | 12 |
| | 1527 | 0.7 | 21 | 1608 | 0.7 | 21 |
| | 2220 | −0.2 | −6 | 2249 | −0.4 | −12 |
| **2** Sa | 0605 | 1.3 | 40 | **17** Su 0627 | 1.6 | 49 |
| | 1241 | 0.5 | 15 | 1300 | 0.4 | 12 |
| | 1619 | 0.7 | 21 | 1719 | 0.8 | 24 |
| | 2311 | −0.3 | −9 | 2354 | −0.4 | −12 |
| **3** Su | 0656 | 1.3 | 40 | **18** M 0722 | 1.6 | 49 |
| | 1331 | 0.5 | 15 | 1349 | 0.4 | 12 |
| | 1716 | 0.7 | 21 | 1828 | 0.8 | 24 |
| **4** M | 0002 | −0.3 | −9 | **19** Tu 0055 | −0.4 | −12 |
| | 0741 | 1.4 | 43 | 0811 | 1.6 | 49 |
| | 1413 | 0.5 | 15 | 1431 | 0.3 | 9 |
| | 1815 | 0.7 | 21 | 1931 | 1.0 | 30 |
| **5** Tu | 0050 | −0.3 | −9 | **20** W 0153 | −0.3 | −9 |
| | 0822 | 1.5 | 46 | 0855 | 1.5 | 46 |
| | 1451 | 0.5 | 15 | 1509 | 0.3 | 9 |
| | 1912 | 0.8 | 24 | ○ 2030 | 1.1 | 34 |
| **6** W | 0138 | −0.3 | −9 | **21** Th 0247 | −0.2 | −6 |
| | 0859 | 1.5 | 46 | 0934 | 1.5 | 46 |
| | 1525 | 0.4 | 12 | 1544 | 0.2 | 6 |
| ● | 2009 | 0.9 | 27 | 2124 | 1.2 | 37 |
| **7** Th | 0226 | −0.2 | −6 | **22** F 0339 | −0.1 | −3 |
| | 0934 | 1.6 | 49 | 1009 | 1.3 | 40 |
| | 1556 | 0.3 | 9 | 1616 | 0.1 | 3 |
| | 2105 | 1.0 | 30 | 2216 | 1.2 | 37 |
| **8** F | 0315 | −0.1 | −3 | **23** Sa 0431 | 0.0 | 0 |
| | 1008 | 1.5 | 46 | 1042 | 1.2 | 37 |
| | 1627 | 0.3 | 9 | 1648 | 0.1 | 3 |
| | 2201 | 1.1 | 34 | 2305 | 1.3 | 40 |
| **9** Sa | 0407 | 0.0 | 0 | **24** Su 0521 | 0.1 | 3 |
| | 1041 | 1.4 | 43 | 1113 | 1.1 | 34 |
| | 1659 | 0.1 | 3 | 1718 | 0.0 | 0 |
| | 2257 | 1.2 | 37 | 2352 | 1.3 | 40 |
| **10** Su | 0503 | 0.1 | 3 | **25** M 0612 | 0.2 | 6 |
| | 1115 | 1.3 | 40 | 1142 | 0.9 | 27 |
| | 1733 | 0.0 | 0 | 1750 | 0.0 | 0 |
| | 2355 | 1.3 | 40 | | | |
| **11** M | 0604 | 0.2 | 6 | **26** Tu 0040 | 1.3 | 40 |
| | 1151 | 1.1 | 34 | 0703 | 0.3 | 9 |
| | 1810 | −0.1 | −3 | 1211 | 0.8 | 24 |
| | | | | 1825 | −0.1 | −3 |
| **12** Tu | 0056 | 1.4 | 43 | **27** W 0131 | 1.3 | 40 |
| | 0709 | 0.3 | 9 | 0756 | 0.4 | 12 |
| | 1229 | 1.0 | 30 | 1241 | 0.7 | 21 |
| | 1853 | −0.2 | −6 | 1904 | −0.1 | −3 |
| **13** W 0200 | 1.5 | 46 | **28** Th 0225 | 1.2 | 37 |
| 0821 | 0.4 | 12 | 0853 | 0.4 | 12 |
| 1311 | 0.9 | 27 | 1315 | 0.7 | 21 |
| ◐ 1943 | −0.3 | −9 | ◑ 1950 | −0.1 | −3 |
| **14** Th 0307 | 1.5 | 46 | **29** F 0323 | 1.2 | 37 |
| 0937 | 0.4 | 12 | 0954 | 0.5 | 15 |
| 1401 | 0.8 | 24 | 1356 | 0.7 | 21 |
| 2041 | −0.4 | −12 | 2042 | −0.1 | −3 |
| **15** F 0417 | 1.5 | 46 | | | |
| 1053 | 0.4 | 12 | | | |
| 1500 | 0.7 | 21 | | | |
| 2144 | −0.4 | −12 | | | |

## March

| | Time | Height | | Time | Height | |
|---|---|---|---|---|---|---|
| | h m | ft | cm | h m | ft | cm |
| **1** Sa | 0424 | 1.2 | 37 | **16** Su 0506 | 1.5 | 46 |
| | 1056 | 0.5 | 15 | 1140 | 0.4 | 12 |
| | 1447 | 0.7 | 21 | 1618 | 0.8 | 24 |
| | 2138 | −0.2 | −6 | 2244 | −0.2 | −6 |
| **2** Su | 0521 | 1.3 | 40 | **17** M 0604 | 1.5 | 46 |
| | 1152 | 0.5 | 15 | 1229 | 0.4 | 12 |
| | 1550 | 0.7 | 21 | 1730 | 0.9 | 27 |
| | 2235 | −0.2 | −6 | 2351 | −0.2 | −6 |
| **3** M | 0612 | 1.3 | 40 | **18** Tu 0655 | 1.4 | 43 |
| | 1239 | 0.5 | 15 | 1311 | 0.3 | 9 |
| | 1657 | 0.8 | 24 | 1836 | 1.0 | 30 |
| | 2332 | −0.1 | −3 | | | |
| **4** Tu | 0657 | 1.4 | 43 | **19** W 0053 | −0.1 | −3 |
| | 1318 | 0.5 | 15 | 0738 | 1.4 | 43 |
| | 1803 | 0.9 | 27 | 1348 | 0.3 | 9 |
| | | | | 1934 | 1.2 | 37 |
| **5** W | 0027 | −0.1 | −3 | **20** Th 0151 | 0.0 | 0 |
| | 0737 | 1.4 | 43 | 0817 | 1.3 | 40 |
| | 1353 | 0.4 | 12 | 1421 | 0.2 | 6 |
| | 1905 | 1.0 | 30 | 2026 | 1.3 | 40 |
| **6** Th | 0123 | −0.1 | −3 | **21** F 0246 | 0.1 | 3 |
| | 0814 | 1.4 | 43 | 0853 | 1.2 | 37 |
| | 1426 | 0.3 | 9 | 1453 | 0.1 | 3 |
| | 2003 | 1.2 | 37 | ○ 2114 | 1.4 | 43 |
| **7** F | 0218 | 0.0 | 0 | **22** Sa 0337 | 0.1 | 3 |
| | 0851 | 1.4 | 43 | 0926 | 1.1 | 34 |
| | 1459 | 0.2 | 6 | 1523 | 0.0 | 0 |
| ● | 2059 | 1.3 | 40 | 2158 | 1.4 | 43 |
| **8** Sa | 0315 | 0.0 | 0 | **23** Su 0426 | 0.2 | 6 |
| | 0927 | 1.3 | 40 | 0957 | 1.0 | 30 |
| | 1533 | 0.1 | 3 | 1553 | 0.0 | 0 |
| | 2153 | 1.5 | 46 | 2240 | 1.5 | 46 |
| **9** Su | 0412 | 0.1 | 3 | **24** M 0514 | 0.2 | 6 |
| | 1004 | 1.2 | 37 | 1027 | 0.8 | 24 |
| | 1610 | −0.1 | −3 | 1624 | −0.1 | −3 |
| | 2248 | 1.6 | 49 | 2323 | 1.4 | 43 |
| **10** M | 0511 | 0.1 | 3 | **25** Tu 0600 | 0.3 | 9 |
| | 1042 | 1.1 | 34 | 1057 | 0.8 | 24 |
| | 1650 | −0.2 | −6 | 1657 | −0.1 | −3 |
| | 2344 | 1.6 | 49 | | | |
| **11** Tu | 0613 | 0.2 | 6 | **26** W 0006 | 1.4 | 43 |
| | 1122 | 0.9 | 27 | 0646 | 0.3 | 9 |
| | 1734 | −0.3 | −9 | 1127 | 0.7 | 21 |
| | | | | 1734 | −0.1 | −3 |
| **12** W | 0043 | 1.6 | 49 | **27** Th 0053 | 1.3 | 40 |
| | 0717 | 0.3 | 9 | 0733 | 0.4 | 12 |
| | 1206 | 0.8 | 24 | 1158 | 0.7 | 21 |
| | 1824 | −0.3 | −9 | 1815 | −0.1 | −3 |
| **13** Th | 0146 | 1.6 | 49 | **28** F 0144 | 1.3 | 40 |
| | 0825 | 0.3 | 9 | 0823 | 0.4 | 12 |
| | 1256 | 0.8 | 24 | 1235 | 0.7 | 21 |
| | 1922 | −0.3 | −9 | 1902 | −0.1 | −3 |
| **14** F | 0253 | 1.6 | 49 | **29** Sa 0238 | 1.3 | 40 |
| | 0934 | 0.4 | 12 | 0917 | 0.5 | 15 |
| | 1355 | 0.7 | 21 | 1323 | 0.7 | 21 |
| ◐ | 2026 | −0.3 | −9 | ◑ 1955 | 0.0 | 0 |
| **15** Sa | 0401 | 1.5 | 46 | **30** Su 0333 | 1.3 | 40 |
| | 1041 | 0.4 | 12 | 1011 | 0.5 | 15 |
| | 1504 | 0.7 | 21 | 1424 | 0.7 | 21 |
| | 2135 | −0.3 | −9 | 2054 | 0.0 | 0 |
| | | | | **31** M 0426 | 1.3 | 40 |
| | | | | 1058 | 0.5 | 15 |
| | | | | 1536 | 0.8 | 24 |
| | | | | 2158 | 0.0 | 0 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# San Juan, Puerto Rico, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0515 | 1.3 | 40 |
| | 1140 | 0.5 | 15 |
| | 1649 | 0.9 | 27 |
| | 2303 | 0.1 | 3 |
| **2** W | 0559 | 1.4 | 43 |
| | 1217 | 0.4 | 12 |
| | 1756 | 1.1 | 34 |
| **3** Th | 0008 | 0.1 | 3 |
| | 0641 | 1.3 | 40 |
| | 1253 | 0.2 | 6 |
| | 1857 | 1.3 | 40 |
| **4** F | 0112 | 0.1 | 3 |
| | 0721 | 1.3 | 40 |
| | 1329 | 0.1 | 3 |
| | 1953 | 1.5 | 46 |
| **5** Sa | 0215 | 0.1 | 3 |
| | 0802 | 1.2 | 37 |
| | 1406 | 0.0 | 0 |
| ● | 2047 | 1.7 | 52 |
| **6** Su | 0316 | 0.1 | 3 |
| | 0844 | 1.1 | 34 |
| | 1446 | −0.2 | −6 |
| | 2141 | 1.8 | 55 |
| **7** M | 0416 | 0.2 | 6 |
| | 0927 | 1.0 | 30 |
| | 1529 | −0.3 | −9 |
| | 2236 | 1.8 | 55 |
| **8** Tu | 0516 | 0.2 | 6 |
| | 1011 | 0.9 | 27 |
| | 1616 | −0.4 | −12 |
| | 2332 | 1.8 | 55 |
| **9** W | 0616 | 0.2 | 6 |
| | 1059 | 0.8 | 24 |
| | 1708 | −0.4 | −12 |
| **10** Th | 0031 | 1.8 | 55 |
| | 0717 | 0.3 | 9 |
| | 1151 | 0.7 | 21 |
| | 1805 | −0.4 | −12 |
| **11** F | 0132 | 1.7 | 52 |
| | 0819 | 0.3 | 9 |
| | 1251 | 0.7 | 21 |
| | 1907 | −0.3 | −9 |
| **12** Sa | 0235 | 1.6 | 49 |
| | 0920 | 0.4 | 12 |
| | 1400 | 0.8 | 24 |
| ◐ | 2015 | −0.2 | −6 |
| **13** Su | 0337 | 1.5 | 46 |
| | 1016 | 0.4 | 12 |
| | 1515 | 0.8 | 24 |
| | 2126 | −0.1 | −3 |
| **14** M | 0435 | 1.4 | 43 |
| | 1105 | 0.3 | 9 |
| | 1630 | 1.0 | 30 |
| | 2238 | 0.0 | 0 |
| **15** Tu | 0526 | 1.4 | 43 |
| | 1148 | 0.3 | 9 |
| | 1738 | 1.1 | 34 |
| | 2347 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0612 | 1.3 | 40 |
| | 1225 | 0.2 | 6 |
| | 1837 | 1.3 | 40 |
| **17** Th | 0052 | 0.2 | 6 |
| | 0653 | 1.2 | 37 |
| | 1259 | 0.1 | 3 |
| | 1929 | 1.4 | 43 |
| **18** F | 0151 | 0.2 | 6 |
| | 0730 | 1.0 | 30 |
| | 1330 | 0.0 | 0 |
| | 2015 | 1.5 | 46 |
| **19** Sa | 0245 | 0.2 | 6 |
| | 0805 | 0.9 | 27 |
| | 1401 | 0.0 | 0 |
| | 2057 | 1.6 | 49 |
| **20** Su | 0335 | 0.3 | 9 |
| | 0838 | 0.8 | 24 |
| | 1433 | −0.1 | −3 |
| ○ | 2138 | 1.6 | 49 |
| **21** M | 0422 | 0.3 | 9 |
| | 0911 | 0.7 | 21 |
| | 1505 | −0.1 | −3 |
| | 2218 | 1.5 | 46 |
| **22** Tu | 0506 | 0.3 | 9 |
| | 0943 | 0.7 | 21 |
| | 1539 | −0.1 | −3 |
| | 2258 | 1.5 | 46 |
| **23** W | 0549 | 0.3 | 9 |
| | 1015 | 0.6 | 18 |
| | 1615 | −0.1 | −3 |
| | 2340 | 1.5 | 46 |
| **24** Th | 0632 | 0.4 | 12 |
| | 1047 | 0.6 | 18 |
| | 1653 | −0.1 | −3 |
| **25** F | 0024 | 1.4 | 43 |
| | 0715 | 0.4 | 12 |
| | 1123 | 0.6 | 18 |
| | 1734 | −0.1 | −3 |
| **26** Sa | 0109 | 1.4 | 43 |
| | 0800 | 0.5 | 15 |
| | 1207 | 0.7 | 21 |
| | 1821 | 0.0 | 0 |
| **27** Su | 0156 | 1.4 | 43 |
| | 0845 | 0.5 | 15 |
| | 1305 | 0.7 | 21 |
| | 1914 | 0.1 | 3 |
| **28** M | 0242 | 1.4 | 43 |
| | 0926 | 0.5 | 15 |
| | 1415 | 0.8 | 24 |
| ◑ | 2015 | 0.2 | 6 |
| **29** Tu | 0327 | 1.4 | 43 |
| | 1005 | 0.4 | 12 |
| | 1530 | 0.9 | 27 |
| | 2125 | 0.2 | 6 |
| **30** W | 0411 | 1.3 | 40 |
| | 1042 | 0.3 | 9 |
| | 1641 | 1.1 | 34 |
| | 2240 | 0.3 | 9 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0456 | 1.3 | 40 |
| | 1119 | 0.2 | 6 |
| | 1745 | 1.3 | 40 |
| | 2354 | 0.3 | 9 |
| **2** F | 0541 | 1.2 | 37 |
| | 1158 | 0.0 | 0 |
| | 1844 | 1.5 | 46 |
| **3** Sa | 0105 | 0.3 | 9 |
| | 0627 | 1.1 | 34 |
| | 1239 | −0.2 | −6 |
| | 1940 | 1.7 | 52 |
| **4** Su | 0212 | 0.3 | 9 |
| | 0714 | 1.0 | 30 |
| | 1323 | −0.3 | −9 |
| | 2034 | 1.9 | 58 |
| **5** M | 0315 | 0.2 | 6 |
| | 0802 | 0.9 | 27 |
| | 1410 | −0.4 | −12 |
| ● | 2129 | 1.9 | 58 |
| **6** Tu | 0415 | 0.2 | 6 |
| | 0852 | 0.8 | 24 |
| | 1500 | −0.5 | −15 |
| | 2224 | 2.0 | 61 |
| **7** W | 0513 | 0.2 | 6 |
| | 0944 | 0.7 | 21 |
| | 1554 | −0.5 | −15 |
| | 2321 | 1.9 | 58 |
| **8** Th | 0610 | 0.2 | 6 |
| | 1040 | 0.7 | 21 |
| | 1650 | −0.4 | −12 |
| **9** F | 0018 | 1.8 | 55 |
| | 0706 | 0.3 | 9 |
| | 1141 | 0.8 | 24 |
| | 1750 | −0.3 | −9 |
| **10** Sa | 0115 | 1.7 | 52 |
| | 0801 | 0.3 | 9 |
| | 1249 | 0.8 | 24 |
| | 1854 | −0.2 | −6 |
| **11** Su | 0210 | 1.6 | 49 |
| | 0853 | 0.3 | 9 |
| | 1403 | 0.9 | 27 |
| ◐ | 2002 | 0.0 | 0 |
| **12** M | 0303 | 1.5 | 46 |
| | 0940 | 0.2 | 6 |
| | 1519 | 1.0 | 30 |
| | 2114 | 0.2 | 6 |
| **13** Tu | 0352 | 1.4 | 43 |
| | 1022 | 0.2 | 6 |
| | 1630 | 1.1 | 34 |
| | 2228 | 0.3 | 9 |
| **14** W | 0436 | 1.2 | 37 |
| | 1100 | 0.1 | 3 |
| | 1732 | 1.3 | 40 |
| | 2340 | 0.4 | 12 |
| **15** Th | 0518 | 1.1 | 34 |
| | 1135 | 0.0 | 0 |
| | 1826 | 1.4 | 43 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0048 | 0.4 | 12 |
| | 0557 | 0.9 | 27 |
| | 1209 | 0.0 | 0 |
| | 1914 | 1.5 | 46 |
| **17** Sa | 0148 | 0.4 | 12 |
| | 0635 | 0.8 | 24 |
| | 1242 | −0.1 | −3 |
| | 1957 | 1.6 | 49 |
| **18** Su | 0241 | 0.3 | 9 |
| | 0712 | 0.7 | 21 |
| | 1317 | −0.2 | −6 |
| | 2038 | 1.6 | 49 |
| **19** M | 0329 | 0.3 | 9 |
| | 0749 | 0.7 | 21 |
| | 1352 | −0.2 | −6 |
| ○ | 2119 | 1.6 | 49 |
| **20** Tu | 0413 | 0.3 | 9 |
| | 0825 | 0.6 | 18 |
| | 1429 | −0.2 | −6 |
| | 2159 | 1.6 | 49 |
| **21** W | 0455 | 0.3 | 9 |
| | 0901 | 0.6 | 18 |
| | 1506 | −0.2 | −6 |
| | 2239 | 1.5 | 46 |
| **22** Th | 0536 | 0.4 | 12 |
| | 0937 | 0.6 | 18 |
| | 1544 | −0.2 | −6 |
| | 2319 | 1.5 | 46 |
| **23** F | 0617 | 0.4 | 12 |
| | 1015 | 0.6 | 18 |
| | 1622 | −0.1 | −3 |
| | 2359 | 1.5 | 46 |
| **24** Sa | 0656 | 0.4 | 12 |
| | 1100 | 0.6 | 18 |
| | 1703 | 0.0 | 0 |
| **25** Su | 0037 | 1.5 | 46 |
| | 0732 | 0.4 | 12 |
| | 1154 | 0.7 | 21 |
| | 1750 | 0.1 | 3 |
| **26** M | 0114 | 1.5 | 46 |
| | 0806 | 0.4 | 12 |
| | 1259 | 0.8 | 24 |
| | 1844 | 0.2 | 6 |
| **27** Tu | 0152 | 1.4 | 43 |
| | 0839 | 0.3 | 9 |
| | 1410 | 0.9 | 27 |
| ◑ | 1950 | 0.3 | 9 |
| **28** W | 0231 | 1.4 | 43 |
| | 0912 | 0.2 | 6 |
| | 1521 | 1.1 | 34 |
| | 2105 | 0.4 | 12 |
| **29** Th | 0312 | 1.3 | 40 |
| | 0948 | 0.1 | 3 |
| | 1628 | 1.3 | 40 |
| | 2226 | 0.4 | 12 |
| **30** F | 0357 | 1.1 | 34 |
| | 1029 | −0.1 | −3 |
| | 1730 | 1.5 | 46 |
| | 2346 | 0.4 | 12 |
| **31** Sa | 0445 | 1.0 | 30 |
| | 1113 | −0.2 | −6 |
| | 1829 | 1.7 | 52 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0101 | 0.4 | 12 |
| | 0537 | 0.9 | 27 |
| | 1201 | −0.4 | −12 |
| | 1926 | 1.9 | 58 |
| **2** M | 0208 | 0.4 | 12 |
| | 0631 | 0.8 | 24 |
| | 1252 | −0.5 | −15 |
| | 2022 | 2.0 | 61 |
| **3** Tu | 0310 | 0.3 | 9 |
| | 0727 | 0.7 | 21 |
| | 1346 | −0.6 | −18 |
| ● | 2118 | 2.0 | 61 |
| **4** W | 0407 | 0.3 | 9 |
| | 0825 | 0.7 | 21 |
| | 1442 | −0.6 | −18 |
| | 2213 | 2.0 | 61 |
| **5** Th | 0501 | 0.3 | 9 |
| | 0924 | 0.8 | 24 |
| | 1539 | −0.5 | −15 |
| | 2307 | 1.9 | 58 |
| **6** F | 0553 | 0.3 | 9 |
| | 1027 | 0.8 | 24 |
| | 1637 | −0.4 | −12 |
| | 2359 | 1.8 | 55 |
| **7** Sa | 0642 | 0.3 | 9 |
| | 1134 | 0.9 | 27 |
| | 1737 | −0.2 | −6 |
| **8** Su | 0049 | 1.7 | 52 |
| | 0729 | 0.2 | 6 |
| | 1244 | 0.9 | 27 |
| | 1840 | 0.0 | 0 |
| **9** M | 0136 | 1.6 | 49 |
| | 0813 | 0.2 | 6 |
| | 1356 | 1.0 | 30 |
| | 1947 | 0.2 | 6 |
| **10** Tu | 0219 | 1.4 | 43 |
| | 0854 | 0.1 | 3 |
| | 1507 | 1.2 | 37 |
| ◐ | 2059 | 0.3 | 9 |
| **11** W | 0300 | 1.2 | 37 |
| | 0932 | 0.1 | 3 |
| | 1612 | 1.3 | 40 |
| | 2214 | 0.5 | 15 |
| **12** Th | 0339 | 1.1 | 34 |
| | 1009 | 0.0 | 0 |
| | 1711 | 1.4 | 43 |
| | 2328 | 0.5 | 15 |
| **13** F | 0418 | 0.9 | 27 |
| | 1045 | −0.1 | −3 |
| | 1803 | 1.5 | 46 |
| **14** Sa | 0037 | 0.5 | 15 |
| | 0457 | 0.8 | 24 |
| | 1122 | −0.1 | −3 |
| | 1851 | 1.5 | 46 |
| **15** Su | 0136 | 0.5 | 15 |
| | 0538 | 0.7 | 21 |
| | 1201 | −0.2 | −6 |
| | 1935 | 1.6 | 49 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0228 | 0.4 | 12 |
| | 0621 | 0.6 | 18 |
| | 1241 | −0.2 | −6 |
| | 2019 | 1.6 | 49 |
| **17** Tu | 0313 | 0.4 | 12 |
| | 0703 | 0.6 | 18 |
| | 1322 | −0.2 | −6 |
| | 2101 | 1.6 | 49 |
| **18** W | 0355 | 0.4 | 12 |
| | 0745 | 0.6 | 18 |
| | 1403 | −0.2 | −6 |
| ○ | 2141 | 1.6 | 49 |
| **19** Th | 0435 | 0.4 | 12 |
| | 0828 | 0.6 | 18 |
| | 1442 | −0.2 | −6 |
| | 2220 | 1.6 | 49 |
| **20** F | 0514 | 0.4 | 12 |
| | 0912 | 0.7 | 21 |
| | 1521 | −0.1 | −3 |
| | 2256 | 1.6 | 49 |
| **21** Sa | 0549 | 0.4 | 12 |
| | 0959 | 0.7 | 21 |
| | 1601 | 0.0 | 0 |
| | 2330 | 1.6 | 49 |
| **22** Su | 0621 | 0.4 | 12 |
| | 1052 | 0.8 | 24 |
| | 1644 | 0.1 | 3 |
| **23** M | 0002 | 1.6 | 49 |
| | 0649 | 0.4 | 12 |
| | 1151 | 0.9 | 27 |
| | 1734 | 0.2 | 6 |
| **24** Tu | 0034 | 1.5 | 46 |
| | 0718 | 0.3 | 9 |
| | 1254 | 1.0 | 30 |
| | 1832 | 0.3 | 9 |
| **25** W | 0106 | 1.4 | 43 |
| | 0748 | 0.2 | 6 |
| | 1400 | 1.1 | 34 |
| | 1940 | 0.4 | 12 |
| **26** Th | 0142 | 1.3 | 40 |
| | 0823 | 0.1 | 3 |
| | 1506 | 1.3 | 40 |
| ◑ | 2058 | 0.5 | 15 |
| **27** F | 0222 | 1.2 | 37 |
| | 0903 | −0.1 | −3 |
| | 1611 | 1.5 | 46 |
| | 2221 | 0.6 | 18 |
| **28** Sa | 0308 | 1.0 | 30 |
| | 0949 | −0.2 | −6 |
| | 1714 | 1.6 | 49 |
| | 2342 | 0.5 | 15 |
| **29** Su | 0400 | 0.9 | 27 |
| | 1040 | −0.4 | −12 |
| | 1815 | 1.8 | 55 |
| **30** M | 0055 | 0.5 | 15 |
| | 0459 | 0.8 | 24 |
| | 1136 | −0.5 | −15 |
| | 1915 | 1.9 | 58 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# San Juan, Puerto Rico, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0200 | 0.5 | 15 |
| | 0601 | 0.8 | 24 |
| | 1234 | −0.5 | −15 |
| | 2012 | 2.0 | 61 |
| **2** W ● | 0257 | 0.4 | 12 |
| | 0705 | 0.8 | 24 |
| | 1333 | −0.5 | −15 |
| | 2107 | 2.0 | 61 |
| **3** Th | 0349 | 0.4 | 12 |
| | 0809 | 0.8 | 24 |
| | 1431 | −0.5 | −15 |
| | 2159 | 2.0 | 61 |
| **4** F | 0437 | 0.4 | 12 |
| | 0914 | 0.9 | 27 |
| | 1529 | −0.4 | −12 |
| | 2247 | 1.9 | 58 |
| **5** Sa | 0522 | 0.3 | 9 |
| | 1019 | 1.0 | 30 |
| | 1627 | −0.2 | −6 |
| | 2333 | 1.8 | 55 |
| **6** Su | 0605 | 0.3 | 9 |
| | 1125 | 1.1 | 34 |
| | 1726 | 0.0 | 0 |
| **7** M | 0015 | 1.6 | 49 |
| | 0645 | 0.2 | 6 |
| | 1231 | 1.2 | 37 |
| | 1827 | 0.2 | 6 |
| **8** Tu | 0054 | 1.5 | 46 |
| | 0723 | 0.2 | 6 |
| | 1336 | 1.3 | 40 |
| | 1931 | 0.4 | 12 |
| **9** W | 0131 | 1.3 | 40 |
| | 0801 | 0.1 | 3 |
| | 1440 | 1.3 | 40 |
| | 2040 | 0.5 | 15 |
| **10** Th ◐ | 0207 | 1.1 | 34 |
| | 0838 | 0.0 | 0 |
| | 1540 | 1.4 | 43 |
| | 2153 | 0.6 | 18 |
| **11** F | 0242 | 1.0 | 30 |
| | 0916 | 0.0 | 0 |
| | 1637 | 1.4 | 43 |
| | 2306 | 0.6 | 18 |
| **12** Sa | 0320 | 0.8 | 24 |
| | 0957 | −0.1 | −3 |
| | 1731 | 1.5 | 46 |
| **13** Su | 0013 | 0.6 | 18 |
| | 0402 | 0.8 | 24 |
| | 1041 | −0.1 | −3 |
| | 1823 | 1.5 | 46 |
| **14** M | 0111 | 0.6 | 18 |
| | 0448 | 0.7 | 21 |
| | 1127 | −0.2 | −6 |
| | 1911 | 1.5 | 46 |
| **15** Tu | 0200 | 0.6 | 18 |
| | 0538 | 0.7 | 21 |
| | 1213 | −0.2 | −6 |
| | 1956 | 1.6 | 49 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0244 | 0.6 | 18 |
| | 0628 | 0.7 | 21 |
| | 1258 | −0.2 | −6 |
| | 2038 | 1.6 | 49 |
| **17** Th | 0323 | 0.5 | 15 |
| | 0718 | 0.8 | 24 |
| | 1342 | −0.1 | −3 |
| | 2116 | 1.7 | 52 |
| **18** F ○ | 0359 | 0.5 | 15 |
| | 0809 | 0.8 | 24 |
| | 1424 | −0.1 | −3 |
| | 2151 | 1.7 | 52 |
| **19** Sa | 0432 | 0.5 | 15 |
| | 0901 | 0.9 | 27 |
| | 1506 | 0.0 | 0 |
| | 2224 | 1.7 | 52 |
| **20** Su | 0501 | 0.5 | 15 |
| | 0953 | 1.0 | 30 |
| | 1550 | 0.1 | 3 |
| | 2254 | 1.7 | 52 |
| **21** M | 0529 | 0.4 | 12 |
| | 1048 | 1.1 | 34 |
| | 1638 | 0.2 | 6 |
| | 2324 | 1.6 | 49 |
| **22** Tu | 0557 | 0.4 | 12 |
| | 1145 | 1.2 | 37 |
| | 1732 | 0.4 | 12 |
| | 2354 | 1.5 | 46 |
| **23** W | 0626 | 0.2 | 6 |
| | 1244 | 1.3 | 40 |
| | 1834 | 0.5 | 15 |
| **24** Th | 0027 | 1.3 | 40 |
| | 0700 | 0.1 | 3 |
| | 1345 | 1.4 | 43 |
| | 1943 | 0.6 | 18 |
| **25** F ◑ | 0103 | 1.2 | 37 |
| | 0740 | 0.0 | 0 |
| | 1449 | 1.6 | 49 |
| | 2100 | 0.6 | 18 |
| **26** Sa | 0144 | 1.1 | 34 |
| | 0827 | −0.1 | −3 |
| | 1555 | 1.7 | 52 |
| | 2221 | 0.7 | 21 |
| **27** Su | 0234 | 1.0 | 30 |
| | 0921 | −0.2 | −6 |
| | 1701 | 1.8 | 55 |
| | 2338 | 0.7 | 21 |
| **28** M | 0333 | 0.9 | 27 |
| | 1020 | −0.3 | −9 |
| | 1804 | 1.8 | 55 |
| **29** Tu | 0046 | 0.6 | 18 |
| | 0440 | 0.9 | 27 |
| | 1123 | −0.4 | −12 |
| | 1904 | 1.9 | 58 |
| **30** W | 0144 | 0.6 | 18 |
| | 0550 | 0.9 | 27 |
| | 1225 | −0.4 | −12 |
| | 1959 | 2.0 | 61 |
| **31** Th | 0234 | 0.6 | 18 |
| | 0659 | 1.0 | 30 |
| | 1326 | −0.3 | −9 |
| | 2050 | 2.0 | 61 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0319 | 0.5 | 15 |
| | 0806 | 1.1 | 34 |
| | 1425 | −0.2 | −6 |
| | 2136 | 1.9 | 58 |
| **2** Sa | 0400 | 0.5 | 15 |
| | 0910 | 1.2 | 37 |
| | 1522 | −0.1 | −3 |
| | 2219 | 1.8 | 55 |
| **3** Su | 0440 | 0.4 | 12 |
| | 1011 | 1.3 | 40 |
| | 1619 | 0.1 | 3 |
| | 2258 | 1.7 | 52 |
| **4** M | 0517 | 0.3 | 9 |
| | 1111 | 1.4 | 43 |
| | 1716 | 0.2 | 6 |
| | 2335 | 1.5 | 46 |
| **5** Tu | 0552 | 0.3 | 9 |
| | 1208 | 1.5 | 46 |
| | 1814 | 0.4 | 12 |
| **6** W | 0009 | 1.4 | 43 |
| | 0627 | 0.2 | 6 |
| | 1305 | 1.5 | 46 |
| | 1915 | 0.5 | 15 |
| **7** Th | 0042 | 1.2 | 37 |
| | 0703 | 0.1 | 3 |
| | 1401 | 1.5 | 46 |
| | 2019 | 0.6 | 18 |
| **8** F ◐ | 0115 | 1.1 | 34 |
| | 0741 | 0.1 | 3 |
| | 1458 | 1.5 | 46 |
| | 2125 | 0.7 | 21 |
| **9** Sa | 0149 | 0.9 | 27 |
| | 0824 | 0.1 | 3 |
| | 1556 | 1.5 | 46 |
| | 2232 | 0.7 | 21 |
| **10** Su | 0229 | 0.9 | 27 |
| | 0912 | 0.0 | 0 |
| | 1654 | 1.5 | 46 |
| | 2336 | 0.7 | 21 |
| **11** M | 0316 | 0.9 | 27 |
| | 1003 | 0.0 | 0 |
| | 1749 | 1.5 | 46 |
| **12** Tu | 0032 | 0.7 | 21 |
| | 0410 | 0.9 | 27 |
| | 1055 | 0.0 | 0 |
| | 1839 | 1.6 | 49 |
| **13** W | 0118 | 0.7 | 21 |
| | 0509 | 0.9 | 27 |
| | 1146 | 0.0 | 0 |
| | 1924 | 1.7 | 52 |
| **14** Th | 0158 | 0.7 | 21 |
| | 0608 | 1.0 | 30 |
| | 1235 | 0.0 | 0 |
| | 2003 | 1.7 | 52 |
| **15** F | 0234 | 0.7 | 21 |
| | 0705 | 1.0 | 30 |
| | 1322 | 0.1 | 3 |
| | 2039 | 1.8 | 55 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0305 | 0.6 | 18 |
| | 0800 | 1.1 | 34 |
| | 1409 | 0.2 | 6 |
| | 2111 | 1.8 | 55 |
| **17** Su | 0335 | 0.6 | 18 |
| | 0854 | 1.2 | 37 |
| | 1457 | 0.3 | 9 |
| | 2143 | 1.7 | 52 |
| **18** M | 0404 | 0.5 | 15 |
| | 0946 | 1.4 | 43 |
| | 1548 | 0.4 | 12 |
| | 2214 | 1.6 | 49 |
| **19** Tu | 0433 | 0.4 | 12 |
| | 1039 | 1.5 | 46 |
| | 1642 | 0.4 | 12 |
| | 2245 | 1.5 | 46 |
| **20** W | 0504 | 0.3 | 9 |
| | 1133 | 1.6 | 49 |
| | 1740 | 0.5 | 15 |
| | 2318 | 1.4 | 43 |
| **21** Th | 0538 | 0.2 | 6 |
| | 1229 | 1.7 | 52 |
| | 1842 | 0.6 | 18 |
| | 2353 | 1.2 | 37 |
| **22** F | 0619 | 0.1 | 3 |
| | 1329 | 1.8 | 55 |
| | 1951 | 0.7 | 21 |
| **23** Sa ◑ | 0034 | 1.1 | 34 |
| | 0706 | 0.0 | 0 |
| | 1434 | 1.8 | 55 |
| | 2105 | 0.7 | 21 |
| **24** Su | 0121 | 1.0 | 30 |
| | 0802 | −0.1 | −3 |
| | 1541 | 1.8 | 55 |
| | 2220 | 0.8 | 24 |
| **25** M | 0219 | 1.0 | 30 |
| | 0904 | −0.1 | −3 |
| | 1648 | 1.9 | 58 |
| | 2330 | 0.8 | 24 |
| **26** Tu | 0329 | 1.0 | 30 |
| | 1011 | −0.1 | −3 |
| | 1751 | 1.9 | 58 |
| **27** W | 0028 | 0.7 | 21 |
| | 0444 | 1.1 | 34 |
| | 1118 | −0.1 | −3 |
| | 1848 | 1.9 | 58 |
| **28** Th | 0117 | 0.7 | 21 |
| | 0557 | 1.2 | 37 |
| | 1222 | 0.0 | 0 |
| | 1938 | 1.9 | 58 |
| **29** F | 0200 | 0.6 | 18 |
| | 0706 | 1.3 | 40 |
| | 1324 | 0.0 | 0 |
| | 2023 | 1.9 | 58 |
| **30** Sa ● | 0239 | 0.6 | 18 |
| | 0808 | 1.4 | 43 |
| | 1423 | 0.1 | 3 |
| | 2104 | 1.8 | 55 |
| **31** Su | 0316 | 0.5 | 15 |
| | 0906 | 1.6 | 49 |
| | 1519 | 0.3 | 9 |
| | 2141 | 1.7 | 52 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0350 | 0.4 | 12 |
| | 0959 | 1.7 | 52 |
| | 1614 | 0.4 | 12 |
| | 2217 | 1.5 | 46 |
| **2** Tu | 0423 | 0.3 | 9 |
| | 1050 | 1.7 | 52 |
| | 1709 | 0.5 | 15 |
| | 2250 | 1.4 | 43 |
| **3** W | 0457 | 0.3 | 9 |
| | 1140 | 1.7 | 52 |
| | 1803 | 0.6 | 18 |
| | 2322 | 1.2 | 37 |
| **4** Th | 0530 | 0.2 | 6 |
| | 1229 | 1.7 | 52 |
| | 1858 | 0.6 | 18 |
| | 2354 | 1.1 | 34 |
| **5** F | 0607 | 0.2 | 6 |
| | 1320 | 1.7 | 52 |
| | 1954 | 0.7 | 21 |
| **6** Sa | 0026 | 1.0 | 30 |
| | 0648 | 0.2 | 6 |
| | 1414 | 1.6 | 49 |
| | 2053 | 0.8 | 24 |
| **7** Su ◐ | 0102 | 1.0 | 30 |
| | 0734 | 0.2 | 6 |
| | 1512 | 1.6 | 49 |
| | 2154 | 0.8 | 24 |
| **8** M | 0146 | 1.0 | 30 |
| | 0826 | 0.2 | 6 |
| | 1611 | 1.6 | 49 |
| | 2253 | 0.8 | 24 |
| **9** Tu | 0241 | 1.0 | 30 |
| | 0922 | 0.2 | 6 |
| | 1706 | 1.6 | 49 |
| | 2344 | 0.8 | 24 |
| **10** W | 0345 | 1.0 | 30 |
| | 1020 | 0.2 | 6 |
| | 1754 | 1.7 | 52 |
| **11** Th | 0026 | 0.8 | 24 |
| | 0453 | 1.1 | 34 |
| | 1116 | 0.3 | 9 |
| | 1836 | 1.7 | 52 |
| **12** F | 0102 | 0.8 | 24 |
| | 0557 | 1.2 | 37 |
| | 1211 | 0.3 | 9 |
| | 1914 | 1.8 | 55 |
| **13** Sa | 0134 | 0.7 | 21 |
| | 0656 | 1.3 | 40 |
| | 1305 | 0.4 | 12 |
| | 1949 | 1.7 | 52 |
| **14** Su | 0205 | 0.6 | 18 |
| | 0751 | 1.5 | 46 |
| | 1359 | 0.4 | 12 |
| | 2023 | 1.7 | 52 |
| **15** M ○ | 0235 | 0.5 | 15 |
| | 0843 | 1.6 | 49 |
| | 1454 | 0.5 | 15 |
| | 2057 | 1.6 | 49 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0307 | 0.4 | 12 |
| | 0934 | 1.8 | 55 |
| | 1550 | 0.5 | 15 |
| | 2132 | 1.5 | 46 |
| **17** W | 0341 | 0.3 | 9 |
| | 1025 | 1.9 | 58 |
| | 1647 | 0.6 | 18 |
| | 2208 | 1.4 | 43 |
| **18** Th | 0418 | 0.1 | 3 |
| | 1118 | 2.0 | 61 |
| | 1747 | 0.6 | 18 |
| | 2246 | 1.2 | 37 |
| **19** F | 0501 | 0.1 | 3 |
| | 1215 | 2.0 | 61 |
| | 1850 | 0.7 | 21 |
| | 2328 | 1.2 | 37 |
| **20** Sa | 0549 | 0.0 | 0 |
| | 1315 | 2.0 | 61 |
| | 1956 | 0.7 | 21 |
| **21** Su | 0016 | 1.1 | 34 |
| | 0644 | 0.0 | 0 |
| | 1420 | 2.0 | 61 |
| | 2106 | 0.8 | 24 |
| **22** M ◑ | 0114 | 1.1 | 34 |
| | 0746 | 0.0 | 0 |
| | 1527 | 1.9 | 58 |
| | 2212 | 0.8 | 24 |
| **23** Tu | 0225 | 1.1 | 34 |
| | 0855 | 0.1 | 3 |
| | 1631 | 1.9 | 58 |
| | 2311 | 0.8 | 24 |
| **24** W | 0343 | 1.1 | 34 |
| | 1006 | 0.1 | 3 |
| | 1729 | 1.9 | 58 |
| **25** Th | 0000 | 0.7 | 21 |
| | 0501 | 1.3 | 40 |
| | 1116 | 0.2 | 6 |
| | 1820 | 1.9 | 58 |
| **26** F | 0042 | 0.7 | 21 |
| | 0610 | 1.4 | 43 |
| | 1223 | 0.3 | 9 |
| | 1905 | 1.8 | 55 |
| **27** Sa | 0120 | 0.6 | 18 |
| | 0712 | 1.6 | 49 |
| | 1325 | 0.4 | 12 |
| | 1946 | 1.7 | 52 |
| **28** Su | 0155 | 0.5 | 15 |
| | 0807 | 1.7 | 52 |
| | 1423 | 0.5 | 15 |
| | 2023 | 1.6 | 49 |
| **29** M ● | 0228 | 0.4 | 12 |
| | 0857 | 1.8 | 55 |
| | 1519 | 0.5 | 15 |
| | 2058 | 1.4 | 43 |
| **30** Tu | 0300 | 0.3 | 9 |
| | 0943 | 1.9 | 58 |
| | 1612 | 0.6 | 18 |
| | 2132 | 1.3 | 40 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# San Juan, Puerto Rico, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0332 | 0.3 | 9 |
| | 1028 | 1.9 | 58 |
| | 1702 | 0.6 | 18 |
| | 2205 | 1.2 | 37 |
| **2** Th | 0405 | 0.2 | 6 |
| | 1111 | 1.9 | 58 |
| | 1751 | 0.6 | 18 |
| | 2236 | 1.1 | 34 |
| **3** F | 0440 | 0.2 | 6 |
| | 1157 | 1.8 | 55 |
| | 1840 | 0.7 | 21 |
| | 2308 | 1.0 | 30 |
| **4** Sa | 0518 | 0.2 | 6 |
| | 1244 | 1.7 | 52 |
| | 1930 | 0.7 | 21 |
| | 2342 | 1.0 | 30 |
| **5** Su | 0600 | 0.2 | 6 |
| | 1335 | 1.7 | 52 |
| | 2023 | 0.8 | 24 |
| **6** M | 0021 | 1.0 | 30 |
| | 0647 | 0.3 | 9 |
| | 1428 | 1.7 | 52 |
| | 2117 | 0.8 | 24 |
| **7** Tu ◐ | 0112 | 1.0 | 30 |
| | 0740 | 0.3 | 9 |
| | 1521 | 1.7 | 52 |
| | 2208 | 0.9 | 27 |
| **8** W | 0217 | 1.0 | 30 |
| | 0838 | 0.4 | 12 |
| | 1610 | 1.7 | 52 |
| | 2251 | 0.8 | 24 |
| **9** Th | 0330 | 1.1 | 34 |
| | 0940 | 0.5 | 15 |
| | 1655 | 1.7 | 52 |
| | 2328 | 0.8 | 24 |
| **10** F | 0442 | 1.2 | 37 |
| | 1044 | 0.5 | 15 |
| | 1735 | 1.7 | 52 |
| **11** Sa | 0001 | 0.7 | 21 |
| | 0546 | 1.4 | 43 |
| | 1148 | 0.6 | 18 |
| | 1814 | 1.7 | 52 |
| **12** Su | 0033 | 0.6 | 18 |
| | 0644 | 1.6 | 49 |
| | 1251 | 0.6 | 18 |
| | 1852 | 1.6 | 49 |
| **13** M | 0106 | 0.4 | 12 |
| | 0737 | 1.8 | 55 |
| | 1352 | 0.6 | 18 |
| | 1931 | 1.5 | 46 |
| **14** Tu ○ | 0141 | 0.3 | 9 |
| | 0828 | 1.9 | 58 |
| | 1451 | 0.6 | 18 |
| | 2010 | 1.4 | 43 |
| **15** W | 0219 | 0.1 | 3 |
| | 0919 | 2.1 | 64 |
| | 1550 | 0.6 | 18 |
| | 2051 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0300 | 0.0 | 0 |
| | 1011 | 2.1 | 64 |
| | 1649 | 0.6 | 18 |
| | 2133 | 1.2 | 37 |
| **17** F | 0345 | −0.1 | −3 |
| | 1106 | 2.2 | 67 |
| | 1749 | 0.6 | 18 |
| | 2219 | 1.1 | 34 |
| **18** Sa | 0435 | −0.1 | −3 |
| | 1203 | 2.1 | 64 |
| | 1850 | 0.7 | 21 |
| | 2310 | 1.1 | 34 |
| **19** Su | 0530 | −0.1 | −3 |
| | 1303 | 2.1 | 64 |
| | 1952 | 0.7 | 21 |
| **20** M | 0009 | 1.1 | 34 |
| | 0630 | 0.0 | 0 |
| | 1405 | 2.0 | 61 |
| | 2053 | 0.7 | 21 |
| **21** Tu ◑ | 0120 | 1.1 | 34 |
| | 0736 | 0.1 | 3 |
| | 1505 | 1.9 | 58 |
| | 2150 | 0.7 | 21 |
| **22** W | 0239 | 1.1 | 34 |
| | 0848 | 0.2 | 6 |
| | 1602 | 1.9 | 58 |
| | 2239 | 0.6 | 18 |
| **23** Th | 0359 | 1.3 | 40 |
| | 1002 | 0.4 | 12 |
| | 1654 | 1.8 | 55 |
| | 2322 | 0.6 | 18 |
| **24** F | 0512 | 1.4 | 43 |
| | 1115 | 0.5 | 15 |
| | 1740 | 1.7 | 52 |
| **25** Sa | 0000 | 0.5 | 15 |
| | 0615 | 1.6 | 49 |
| | 1224 | 0.5 | 15 |
| | 1822 | 1.5 | 46 |
| **26** Su | 0036 | 0.4 | 12 |
| | 0710 | 1.7 | 52 |
| | 1328 | 0.6 | 18 |
| | 1901 | 1.4 | 43 |
| **27** M | 0109 | 0.3 | 9 |
| | 0758 | 1.8 | 55 |
| | 1425 | 0.6 | 18 |
| | 1938 | 1.3 | 40 |
| **28** Tu ● | 0142 | 0.2 | 6 |
| | 0843 | 1.9 | 58 |
| | 1518 | 0.6 | 18 |
| | 2013 | 1.1 | 34 |
| **29** W | 0215 | 0.1 | 3 |
| | 0925 | 1.9 | 58 |
| | 1607 | 0.6 | 18 |
| | 2047 | 1.0 | 30 |
| **30** Th | 0249 | 0.1 | 3 |
| | 1006 | 1.9 | 58 |
| | 1653 | 0.6 | 18 |
| | 2120 | 1.0 | 30 |
| **31** F | 0324 | 0.1 | 3 |
| | 1048 | 1.8 | 55 |
| | 1738 | 0.6 | 18 |
| | 2153 | 0.9 | 27 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0401 | 0.1 | 3 |
| | 1131 | 1.8 | 55 |
| | 1823 | 0.7 | 21 |
| | 2227 | 0.9 | 27 |
| **2** Su | 0440 | 0.1 | 3 |
| | 1215 | 1.7 | 52 |
| | 1909 | 0.7 | 21 |
| | 2305 | 0.9 | 27 |
| **3** M | 0521 | 0.2 | 6 |
| | 1300 | 1.7 | 52 |
| | 1955 | 0.7 | 21 |
| | 2351 | 0.9 | 27 |
| **4** Tu | 0606 | 0.3 | 9 |
| | 1344 | 1.7 | 52 |
| | 2039 | 0.8 | 24 |
| **5** W | 0050 | 1.0 | 30 |
| | 0656 | 0.4 | 12 |
| | 1427 | 1.7 | 52 |
| | 2118 | 0.7 | 21 |
| **6** Th ◐ | 0202 | 1.0 | 30 |
| | 0755 | 0.5 | 15 |
| | 1508 | 1.6 | 49 |
| | 2153 | 0.7 | 21 |
| **7** F | 0317 | 1.2 | 37 |
| | 0902 | 0.6 | 18 |
| | 1548 | 1.6 | 49 |
| | 2226 | 0.6 | 18 |
| **8** Sa | 0427 | 1.3 | 40 |
| | 1015 | 0.6 | 18 |
| | 1629 | 1.5 | 46 |
| | 2300 | 0.4 | 12 |
| **9** Su | 0529 | 1.5 | 46 |
| | 1129 | 0.7 | 21 |
| | 1711 | 1.4 | 43 |
| | 2336 | 0.3 | 9 |
| **10** M | 0626 | 1.7 | 52 |
| | 1239 | 0.6 | 18 |
| | 1754 | 1.3 | 40 |
| **11** Tu | 0015 | 0.1 | 3 |
| | 0719 | 1.9 | 58 |
| | 1345 | 0.6 | 18 |
| | 1840 | 1.2 | 37 |
| **12** W | 0058 | −0.1 | −3 |
| | 0812 | 2.1 | 64 |
| | 1448 | 0.6 | 18 |
| | 1926 | 1.1 | 34 |
| **13** Th ○ | 0143 | −0.2 | −6 |
| | 0905 | 2.1 | 64 |
| | 1547 | 0.5 | 15 |
| | 2015 | 1.0 | 30 |
| **14** F | 0232 | −0.3 | −9 |
| | 0959 | 2.2 | 67 |
| | 1645 | 0.5 | 15 |
| | 2106 | 1.0 | 30 |
| **15** Sa | 0324 | −0.3 | −9 |
| | 1055 | 2.2 | 67 |
| | 1742 | 0.6 | 18 |
| | 2200 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0419 | −0.3 | −9 |
| | 1151 | 2.1 | 64 |
| | 1838 | 0.6 | 18 |
| | 2301 | 1.0 | 30 |
| **17** M | 0518 | −0.2 | −6 |
| | 1247 | 2.0 | 61 |
| | 1933 | 0.6 | 18 |
| **18** Tu | 0010 | 1.0 | 30 |
| | 0620 | 0.0 | 0 |
| | 1341 | 1.9 | 58 |
| | 2025 | 0.5 | 15 |
| **19** W ◑ | 0126 | 1.1 | 34 |
| | 0727 | 0.2 | 6 |
| | 1434 | 1.8 | 55 |
| | 2114 | 0.5 | 15 |
| **20** Th | 0246 | 1.2 | 37 |
| | 0840 | 0.3 | 9 |
| | 1522 | 1.7 | 52 |
| | 2157 | 0.4 | 12 |
| **21** F | 0401 | 1.3 | 40 |
| | 0956 | 0.5 | 15 |
| | 1608 | 1.5 | 46 |
| | 2237 | 0.3 | 9 |
| **22** Sa | 0509 | 1.5 | 46 |
| | 1112 | 0.6 | 18 |
| | 1651 | 1.3 | 40 |
| | 2315 | 0.2 | 6 |
| **23** Su | 0607 | 1.6 | 49 |
| | 1223 | 0.6 | 18 |
| | 1732 | 1.2 | 37 |
| | 2351 | 0.1 | 3 |
| **24** M | 0657 | 1.7 | 52 |
| | 1327 | 0.6 | 18 |
| | 1812 | 1.0 | 30 |
| **25** Tu | 0027 | 0.0 | 0 |
| | 0743 | 1.8 | 55 |
| | 1423 | 0.6 | 18 |
| | 1850 | 0.9 | 27 |
| **26** W | 0103 | 0.0 | 0 |
| | 0826 | 1.8 | 55 |
| | 1513 | 0.5 | 15 |
| | 1928 | 0.9 | 27 |
| **27** Th ● | 0140 | −0.1 | −3 |
| | 0908 | 1.8 | 55 |
| | 1558 | 0.5 | 15 |
| | 2005 | 0.8 | 24 |
| **28** F | 0218 | −0.1 | −3 |
| | 0949 | 1.7 | 52 |
| | 1640 | 0.5 | 15 |
| | 2042 | 0.8 | 24 |
| **29** Sa | 0256 | −0.1 | −3 |
| | 1030 | 1.7 | 52 |
| | 1722 | 0.6 | 18 |
| | 2118 | 0.8 | 24 |
| **30** Su | 0334 | −0.1 | −3 |
| | 1110 | 1.7 | 52 |
| | 1803 | 0.6 | 18 |
| | 2158 | 0.8 | 24 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0412 | 0.0 | 0 |
| | 1149 | 1.7 | 52 |
| | 1842 | 0.6 | 18 |
| | 2242 | 0.8 | 24 |
| **2** Tu | 0452 | 0.1 | 3 |
| | 1225 | 1.7 | 52 |
| | 1918 | 0.6 | 18 |
| | 2336 | 0.9 | 27 |
| **3** W | 0535 | 0.2 | 6 |
| | 1300 | 1.6 | 49 |
| | 1951 | 0.6 | 18 |
| **4** Th | 0039 | 0.9 | 27 |
| | 0624 | 0.3 | 9 |
| | 1333 | 1.6 | 49 |
| | 2022 | 0.5 | 15 |
| **5** F ◐ | 0148 | 1.0 | 30 |
| | 0724 | 0.5 | 15 |
| | 1408 | 1.5 | 46 |
| | 2053 | 0.4 | 12 |
| **6** Sa | 0259 | 1.2 | 37 |
| | 0836 | 0.6 | 18 |
| | 1445 | 1.4 | 43 |
| | 2127 | 0.2 | 6 |
| **7** Su | 0405 | 1.3 | 40 |
| | 0954 | 0.6 | 18 |
| | 1526 | 1.3 | 40 |
| | 2206 | 0.1 | 3 |
| **8** M | 0507 | 1.5 | 46 |
| | 1114 | 0.6 | 18 |
| | 1612 | 1.1 | 34 |
| | 2248 | −0.1 | −3 |
| **9** Tu | 0605 | 1.7 | 52 |
| | 1229 | 0.6 | 18 |
| | 1702 | 1.0 | 30 |
| | 2336 | −0.3 | −9 |
| **10** W | 0702 | 1.9 | 58 |
| | 1337 | 0.5 | 15 |
| | 1755 | 0.9 | 27 |
| **11** Th | 0026 | −0.4 | −12 |
| | 0758 | 2.0 | 61 |
| | 1439 | 0.5 | 15 |
| | 1851 | 0.9 | 27 |
| **12** F ○ | 0120 | −0.5 | −15 |
| | 0854 | 2.0 | 61 |
| | 1536 | 0.5 | 15 |
| | 1948 | 0.9 | 27 |
| **13** Sa | 0215 | −0.5 | −15 |
| | 0949 | 2.1 | 64 |
| | 1630 | 0.5 | 15 |
| | 2048 | 0.9 | 27 |
| **14** Su | 0312 | −0.5 | −15 |
| | 1042 | 2.0 | 61 |
| | 1722 | 0.4 | 12 |
| | 2151 | 0.9 | 27 |
| **15** M | 0410 | −0.4 | −12 |
| | 1134 | 2.0 | 61 |
| | 1812 | 0.4 | 12 |
| | 2258 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0509 | −0.2 | −6 |
| | 1223 | 1.9 | 58 |
| | 1859 | 0.4 | 12 |
| **17** W | 0008 | 1.1 | 34 |
| | 0611 | 0.0 | 0 |
| | 1310 | 1.7 | 52 |
| | 1945 | 0.3 | 9 |
| **18** Th | 0122 | 1.1 | 34 |
| | 0718 | 0.2 | 6 |
| | 1354 | 1.5 | 46 |
| | 2027 | 0.2 | 6 |
| **19** F ◑ | 0235 | 1.2 | 37 |
| | 0829 | 0.4 | 12 |
| | 1436 | 1.3 | 40 |
| | 2109 | 0.1 | 3 |
| **20** Sa | 0345 | 1.3 | 40 |
| | 0945 | 0.5 | 15 |
| | 1517 | 1.2 | 37 |
| | 2149 | 0.0 | 0 |
| **21** Su | 0448 | 1.4 | 43 |
| | 1102 | 0.5 | 15 |
| | 1558 | 1.0 | 30 |
| | 2229 | 0.0 | 0 |
| **22** M | 0545 | 1.5 | 46 |
| | 1214 | 0.5 | 15 |
| | 1640 | 0.9 | 27 |
| | 2309 | −0.1 | −3 |
| **23** Tu | 0636 | 1.5 | 46 |
| | 1317 | 0.5 | 15 |
| | 1722 | 0.8 | 24 |
| | 2351 | −0.2 | −6 |
| **24** W | 0724 | 1.6 | 49 |
| | 1410 | 0.5 | 15 |
| | 1806 | 0.7 | 21 |
| **25** Th | 0033 | −0.2 | −6 |
| | 0809 | 1.6 | 49 |
| | 1456 | 0.5 | 15 |
| | 1849 | 0.7 | 21 |
| **26** F | 0115 | −0.2 | −6 |
| | 0852 | 1.6 | 49 |
| | 1538 | 0.5 | 15 |
| | 1931 | 0.7 | 21 |
| **27** Sa ● | 0156 | −0.2 | −6 |
| | 0932 | 1.6 | 49 |
| | 1617 | 0.5 | 15 |
| | 2014 | 0.7 | 21 |
| **28** Su | 0236 | −0.2 | −6 |
| | 1010 | 1.6 | 49 |
| | 1655 | 0.5 | 15 |
| | 2058 | 0.7 | 21 |
| **29** M | 0315 | −0.2 | −6 |
| | 1045 | 1.6 | 49 |
| | 1729 | 0.5 | 15 |
| | 2145 | 0.8 | 24 |
| **30** Tu | 0353 | −0.1 | −3 |
| | 1118 | 1.6 | 49 |
| | 1800 | 0.5 | 15 |
| | 2235 | 0.8 | 24 |
| **31** W | 0434 | 0.1 | 3 |
| | 1147 | 1.5 | 46 |
| | 1829 | 0.4 | 12 |
| | 2330 | 0.9 | 27 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Charlotte Amalie, St. Thomas Island, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0541 | 0.5 | 15 |
| | 2141 | −0.1 | −3 |
| **2** W | 0622 | 0.6 | 18 |
| | 2207 | −0.2 | −6 |
| **3** Th | 0701 | 0.7 | 21 |
| | 2237 | −0.2 | −6 |
| **4** F | 0740 | 0.7 | 21 |
| | 2311 | −0.3 | −9 |
| **5** Sa | 0819 | 0.7 | 21 |
| | 2348 | −0.3 | −9 |
| **6** Su | 0858 | 0.8 | 24 |
| **7** M | 0023 | −0.3 | −9 |
| | 0933 | 0.8 | 24 |
| **8** Tu ● | 0057 | −0.3 | −9 |
| | 1006 | 0.8 | 24 |
| **9** W | 0129 | −0.3 | −9 |
| | 1035 | 0.8 | 24 |
| **10** Th | 0202 | −0.2 | −6 |
| | 1102 | 0.8 | 24 |
| **11** F | 0237 | −0.1 | −3 |
| | 1126 | 0.8 | 24 |
| **12** Sa | 0319 | 0.0 | 0 |
| | 1148 | 0.7 | 21 |
| | 1947 | 0.1 | 3 |
| | 2316 | 0.2 | 6 |
| **13** Su | 0419 | 0.1 | 3 |
| | 1207 | 0.6 | 18 |
| | 1949 | 0.1 | 3 |
| **14** M | 0143 | 0.3 | 9 |
| | 0629 | 0.2 | 6 |
| | 1220 | 0.5 | 15 |
| | 2001 | 0.0 | 0 |
| **15** Tu ◐ | 0359 | 0.5 | 15 |
| | 0923 | 0.3 | 9 |
| | 1213 | 0.4 | 12 |
| | 2021 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0507 | 0.6 | 18 |
| | 2051 | −0.2 | −6 |
| **17** Th | 0602 | 0.7 | 21 |
| | 2132 | −0.3 | −9 |
| **18** F | 0655 | 0.8 | 24 |
| | 2220 | −0.4 | −12 |
| **19** Sa | 0747 | 0.8 | 24 |
| | 2313 | −0.5 | −15 |
| **20** Su | 0837 | 0.9 | 27 |
| **21** M | 0007 | −0.5 | −15 |
| | 0923 | 0.9 | 27 |
| **22** Tu ○ | 0100 | −0.4 | −12 |
| | 1004 | 0.8 | 24 |
| **23** W | 0150 | −0.3 | −9 |
| | 1039 | 0.8 | 24 |
| **24** Th | 0240 | −0.2 | −6 |
| | 1105 | 0.7 | 21 |
| **25** F | 0331 | −0.1 | −3 |
| | 1122 | 0.6 | 18 |
| | 1849 | 0.1 | 3 |
| | 2224 | 0.2 | 6 |
| **26** Sa | 0431 | 0.1 | 3 |
| | 1130 | 0.5 | 15 |
| | 1900 | 0.1 | 3 |
| **27** Su | 0009 | 0.3 | 9 |
| | 0548 | 0.2 | 6 |
| | 1132 | 0.4 | 12 |
| | 1916 | 0.0 | 0 |
| **28** M | 0212 | 0.3 | 9 |
| | 0729 | 0.2 | 6 |
| | 1124 | 0.3 | 9 |
| | 1935 | −0.1 | −3 |
| **29** Tu | 0345 | 0.4 | 12 |
| | 2000 | −0.1 | −3 |
| **30** W ◑ | 0448 | 0.5 | 15 |
| | 2033 | −0.2 | −6 |
| **31** Th | 0541 | 0.5 | 15 |
| | 2114 | −0.3 | −9 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0629 | 0.6 | 18 |
| | 2200 | −0.3 | −9 |
| **2** Sa | 0714 | 0.6 | 18 |
| | 2245 | −0.4 | −12 |
| **3** Su | 0755 | 0.6 | 18 |
| | 2329 | −0.4 | −12 |
| **4** M | 0830 | 0.7 | 21 |
| **5** Tu | 0009 | −0.3 | −9 |
| | 0900 | 0.7 | 21 |
| **6** W ● | 0049 | −0.3 | −9 |
| | 0927 | 0.7 | 21 |
| **7** Th | 0130 | −0.2 | −6 |
| | 0950 | 0.7 | 21 |
| **8** F | 0217 | −0.1 | −3 |
| | 1012 | 0.7 | 21 |
| | 1739 | 0.2 | 6 |
| | 2057 | 0.3 | 9 |
| **9** Sa | 0316 | 0.0 | 0 |
| | 1031 | 0.6 | 18 |
| | 1742 | 0.1 | 3 |
| | 2223 | 0.3 | 9 |
| **10** Su | 0435 | 0.1 | 3 |
| | 1048 | 0.5 | 15 |
| | 1752 | 0.0 | 0 |
| | 2356 | 0.4 | 12 |
| **11** M | 0622 | 0.2 | 6 |
| | 1058 | 0.4 | 12 |
| | 1809 | −0.1 | −3 |
| **12** Tu | 0140 | 0.5 | 15 |
| | 0839 | 0.2 | 6 |
| | 1047 | 0.3 | 9 |
| | 1836 | −0.2 | −6 |
| **13** W ◐ | 0320 | 0.6 | 18 |
| | 1915 | −0.3 | −9 |
| **14** Th | 0438 | 0.6 | 18 |
| | 2007 | −0.3 | −9 |
| **15** F | 0543 | 0.7 | 21 |
| | 2107 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0641 | 0.7 | 21 |
| | 2210 | −0.4 | −12 |
| **17** Su | 0732 | 0.8 | 24 |
| | 2313 | −0.4 | −12 |
| **18** M | 0817 | 0.7 | 21 |
| **19** Tu | 0012 | −0.3 | −9 |
| | 0855 | 0.7 | 21 |
| **20** W ○ | 0109 | −0.2 | −6 |
| | 0925 | 0.7 | 21 |
| | 1638 | 0.1 | 3 |
| | 1911 | 0.2 | 6 |
| **21** Th | 0205 | −0.1 | −3 |
| | 0946 | 0.6 | 18 |
| | 1642 | 0.2 | 6 |
| | 2028 | 0.3 | 9 |
| **22** F | 0303 | 0.0 | 0 |
| | 0958 | 0.5 | 15 |
| | 1651 | 0.1 | 3 |
| | 2137 | 0.3 | 9 |
| **23** Sa | 0407 | 0.1 | 3 |
| | 1004 | 0.4 | 12 |
| | 1703 | 0.1 | 3 |
| | 2245 | 0.4 | 12 |
| **24** Su | 0520 | 0.1 | 3 |
| | 1006 | 0.3 | 9 |
| | 1716 | 0.0 | 0 |
| | 2353 | 0.4 | 12 |
| **25** M | 0645 | 0.1 | 3 |
| | 1003 | 0.2 | 6 |
| | 1733 | −0.1 | −3 |
| **26** Tu | 0107 | 0.4 | 12 |
| | 1756 | −0.1 | −3 |
| **27** W | 0226 | 0.4 | 12 |
| | 1831 | −0.2 | −6 |
| **28** Th ◑ | 0343 | 0.5 | 15 |
| | 1921 | −0.2 | −6 |
| **29** F | 0449 | 0.5 | 15 |
| | 2018 | −0.3 | −9 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0545 | 0.5 | 15 |
| | 2116 | −0.3 | −9 |
| **2** Su | 0630 | 0.6 | 18 |
| | 2211 | −0.3 | −9 |
| **3** M | 0708 | 0.6 | 18 |
| | 2302 | −0.2 | −6 |
| **4** Tu | 0739 | 0.7 | 21 |
| | 2354 | −0.2 | −6 |
| **5** W | 0805 | 0.7 | 21 |
| | 1542 | 0.1 | 3 |
| | 1753 | 0.2 | 6 |
| **6** Th | 0049 | −0.1 | −3 |
| | 0829 | 0.7 | 21 |
| | 1533 | 0.2 | 6 |
| | 1917 | 0.3 | 9 |
| **7** F ● | 0152 | 0.0 | 0 |
| | 0851 | 0.6 | 18 |
| | 1535 | 0.2 | 6 |
| | 2029 | 0.4 | 12 |
| **8** Sa | 0306 | 0.1 | 3 |
| | 0910 | 0.5 | 15 |
| | 1541 | 0.1 | 3 |
| | 2138 | 0.5 | 15 |
| **9** Su | 0432 | 0.1 | 3 |
| | 0926 | 0.4 | 12 |
| | 1553 | 0.0 | 0 |
| | 2247 | 0.6 | 18 |
| **10** M | 0610 | 0.1 | 3 |
| | 0935 | 0.2 | 6 |
| | 1612 | −0.1 | −3 |
| **11** Tu | 0002 | 0.6 | 18 |
| | 1643 | −0.2 | −6 |
| **12** W | 0126 | 0.7 | 21 |
| | 1727 | −0.3 | −9 |
| **13** Th | 0252 | 0.7 | 21 |
| | 1825 | −0.3 | −9 |
| **14** F ◐ | 0410 | 0.7 | 21 |
| | 1935 | −0.3 | −9 |
| **15** Sa | 0516 | 0.7 | 21 |
| | 2050 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0612 | 0.7 | 21 |
| | 2204 | −0.2 | −6 |
| **17** M | 0657 | 0.7 | 21 |
| | 2315 | −0.2 | −6 |
| **18** Tu | 0733 | 0.6 | 18 |
| | 1441 | 0.1 | 3 |
| | 1751 | 0.2 | 6 |
| **19** W | 0023 | −0.1 | −3 |
| | 0800 | 0.6 | 18 |
| | 1443 | 0.2 | 6 |
| | 1906 | 0.3 | 9 |
| **20** Th | 0131 | 0.0 | 0 |
| | 0817 | 0.5 | 15 |
| | 1451 | 0.1 | 3 |
| | 2008 | 0.4 | 12 |
| **21** F ○ | 0239 | 0.1 | 3 |
| | 0825 | 0.4 | 12 |
| | 1501 | 0.1 | 3 |
| | 2102 | 0.5 | 15 |
| **22** Sa | 0351 | 0.1 | 3 |
| | 0829 | 0.3 | 9 |
| | 1509 | 0.0 | 0 |
| | 2152 | 0.5 | 15 |
| **23** Su | 0506 | 0.1 | 3 |
| | 0831 | 0.2 | 6 |
| | 1517 | 0.0 | 0 |
| | 2240 | 0.6 | 18 |
| **24** M | 1526 | −0.1 | −3 |
| | 2330 | 0.6 | 18 |
| **25** Tu | 1542 | −0.2 | −6 |
| **26** W | 0026 | 0.5 | 15 |
| | 1611 | −0.2 | −6 |
| **27** Th | 0131 | 0.5 | 15 |
| | 1657 | −0.2 | −6 |
| **28** F | 0243 | 0.6 | 18 |
| | 1758 | −0.2 | −6 |
| **29** Sa ◑ | 0348 | 0.6 | 18 |
| | 1906 | −0.2 | −6 |
| **30** Su | 0441 | 0.6 | 18 |
| | 2015 | −0.1 | −3 |
| **31** M | 0524 | 0.7 | 21 |
| | 2123 | −0.1 | −3 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Charlotte Amalie, St. Thomas Island, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0558 | 0.7 | 21 |
| | 2234 | 0.0 | 0 |
| **2** W | 0627 | 0.7 | 21 |
| | 1342 | 0.2 | 6 |
| | 1740 | 0.3 | 9 |
| | 2350 | 0.1 | 3 |
| **3** Th | 0652 | 0.6 | 18 |
| | 1339 | 0.2 | 6 |
| | 1853 | 0.4 | 12 |
| **4** F | 0115 | 0.1 | 3 |
| | 0716 | 0.5 | 15 |
| | 1343 | 0.1 | 3 |
| | 1955 | 0.5 | 15 |
| **5** Sa ● | 0245 | 0.2 | 6 |
| | 0736 | 0.4 | 12 |
| | 1351 | 0.0 | 0 |
| | 2054 | 0.7 | 21 |
| **6** Su | 0419 | 0.2 | 6 |
| | 0751 | 0.3 | 9 |
| | 1405 | −0.1 | −3 |
| | 2152 | 0.7 | 21 |
| **7** M | 1428 | −0.2 | −6 |
| | 2254 | 0.8 | 24 |
| **8** Tu | 1501 | −0.3 | −9 |
| **9** W | 0001 | 0.8 | 24 |
| | 1545 | −0.3 | −9 |
| **10** Th | 0114 | 0.8 | 24 |
| | 1641 | −0.3 | −9 |
| **11** F | 0229 | 0.8 | 24 |
| | 1749 | −0.3 | −9 |
| **12** Sa ◐ | 0338 | 0.8 | 24 |
| | 1908 | −0.2 | −6 |
| **13** Su | 0435 | 0.7 | 21 |
| | 2032 | −0.1 | −3 |
| **14** M | 0520 | 0.7 | 21 |
| | 1307 | 0.1 | 3 |
| | 1611 | 0.2 | 6 |
| | 2157 | 0.0 | 0 |
| **15** Tu | 0555 | 0.6 | 18 |
| | 1257 | 0.1 | 3 |
| | 1751 | 0.3 | 9 |
| | 2324 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0618 | 0.5 | 15 |
| | 1303 | 0.1 | 3 |
| | 1856 | 0.4 | 12 |
| **17** Th | 0052 | 0.2 | 6 |
| | 0631 | 0.4 | 12 |
| | 1312 | 0.1 | 3 |
| | 1948 | 0.5 | 15 |
| **18** F | 0220 | 0.2 | 6 |
| | 0634 | 0.3 | 9 |
| | 1322 | 0.0 | 0 |
| | 2032 | 0.6 | 18 |
| **19** Sa | 0349 | 0.2 | 6 |
| | 0631 | 0.3 | 9 |
| | 1330 | −0.1 | −3 |
| | 2112 | 0.7 | 21 |
| **20** Su ○ | 1338 | −0.1 | −3 |
| | 2150 | 0.7 | 21 |
| **21** M | 1348 | −0.2 | −6 |
| | 2231 | 0.7 | 21 |
| **22** Tu | 1406 | −0.2 | −6 |
| | 2315 | 0.7 | 21 |
| **23** W | 1434 | −0.2 | −6 |
| **24** Th | 0004 | 0.7 | 21 |
| | 1510 | −0.2 | −6 |
| **25** F | 0058 | 0.7 | 21 |
| | 1552 | −0.2 | −6 |
| **26** Sa | 0153 | 0.7 | 21 |
| | 1641 | −0.1 | −3 |
| **27** Su | 0243 | 0.7 | 21 |
| | 1739 | −0.1 | −3 |
| **28** M ◑ | 0326 | 0.7 | 21 |
| | 1854 | 0.0 | 0 |
| **29** Tu | 0402 | 0.7 | 21 |
| | 1218 | 0.1 | 3 |
| | 1525 | 0.2 | 6 |
| | 2033 | 0.1 | 3 |
| **30** W | 0433 | 0.7 | 21 |
| | 1201 | 0.2 | 6 |
| | 1719 | 0.3 | 9 |
| | 2225 | 0.2 | 6 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0500 | 0.6 | 18 |
| | 1200 | 0.1 | 3 |
| | 1825 | 0.5 | 15 |
| **2** F | 0023 | 0.3 | 9 |
| | 0524 | 0.5 | 15 |
| | 1206 | 0.0 | 0 |
| | 1919 | 0.6 | 18 |
| **3** Sa | 0219 | 0.2 | 6 |
| | 0541 | 0.3 | 9 |
| | 1217 | −0.1 | −3 |
| | 2010 | 0.8 | 24 |
| **4** Su | 1237 | −0.2 | −6 |
| | 2103 | 0.9 | 27 |
| **5** M ● | 1305 | −0.3 | −9 |
| | 2157 | 0.9 | 27 |
| **6** Tu | 1342 | −0.3 | −9 |
| | 2256 | 0.9 | 27 |
| **7** W | 1426 | −0.4 | −12 |
| | 2358 | 0.9 | 27 |
| **8** Th | 1518 | −0.3 | −9 |
| **9** F | 0101 | 0.9 | 27 |
| | 1617 | −0.3 | −9 |
| **10** Sa | 0201 | 0.9 | 27 |
| | 1723 | −0.2 | −6 |
| **11** Su ◐ | 0253 | 0.8 | 24 |
| | 1842 | 0.0 | 0 |
| **12** M | 0334 | 0.7 | 21 |
| | 1127 | 0.1 | 3 |
| | 1550 | 0.2 | 6 |
| | 2014 | 0.1 | 3 |
| **13** Tu | 0404 | 0.6 | 18 |
| | 1123 | 0.1 | 3 |
| | 1734 | 0.3 | 9 |
| | 2200 | 0.2 | 6 |
| **14** W | 0420 | 0.5 | 15 |
| | 1131 | 0.1 | 3 |
| | 1833 | 0.5 | 15 |
| | 2359 | 0.3 | 9 |
| **15** Th | 0422 | 0.4 | 12 |
| | 1143 | 0.0 | 0 |
| | 1918 | 0.6 | 18 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 1156 | −0.1 | −3 |
| | 1957 | 0.7 | 21 |
| **17** Sa | 1209 | −0.1 | −3 |
| | 2033 | 0.7 | 21 |
| **18** Su | 1224 | −0.2 | −6 |
| | 2108 | 0.8 | 24 |
| **19** M ○ | 1242 | −0.2 | −6 |
| | 2145 | 0.8 | 24 |
| **20** Tu | 1305 | −0.3 | −9 |
| | 2224 | 0.8 | 24 |
| **21** W | 1334 | −0.3 | −9 |
| | 2305 | 0.8 | 24 |
| **22** Th | 1406 | −0.2 | −6 |
| | 2347 | 0.8 | 24 |
| **23** F | 1439 | −0.2 | −6 |
| **24** Sa | 0028 | 0.8 | 24 |
| | 1513 | −0.1 | −3 |
| **25** Su | 0106 | 0.8 | 24 |
| | 1548 | −0.1 | −3 |
| **26** M | 0140 | 0.8 | 24 |
| | 1627 | 0.1 | 3 |
| **27** Tu ◑ | 0210 | 0.8 | 24 |
| | 1044 | 0.1 | 3 |
| | 1412 | 0.2 | 6 |
| | 1728 | 0.1 | 3 |
| **28** W | 0238 | 0.7 | 21 |
| | 1030 | 0.1 | 3 |
| | 1700 | 0.4 | 12 |
| | 2026 | 0.3 | 9 |
| **29** Th | 0301 | 0.6 | 18 |
| | 1031 | 0.1 | 3 |
| | 1753 | 0.5 | 15 |
| | 2313 | 0.4 | 12 |
| **30** F | 0317 | 0.5 | 15 |
| | 1040 | 0.0 | 0 |
| | 1839 | 0.7 | 21 |
| **31** Sa | 1057 | −0.1 | −3 |
| | 1925 | 0.8 | 24 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 1122 | −0.2 | −6 |
| | 2014 | 0.9 | 27 |
| **2** M | 1156 | −0.3 | −9 |
| | 2106 | 1.0 | 30 |
| **3** Tu ● | 1237 | −0.4 | −12 |
| | 2200 | 1.0 | 30 |
| **4** W | 1325 | −0.4 | −12 |
| | 2255 | 1.0 | 30 |
| **5** Th | 1416 | −0.4 | −12 |
| | 2349 | 1.0 | 30 |
| **6** F | 1509 | −0.3 | −9 |
| **7** Sa | 0038 | 0.9 | 27 |
| | 1604 | −0.2 | −6 |
| **8** Su | 0120 | 0.9 | 27 |
| | 1706 | 0.0 | 0 |
| **9** M | 0153 | 0.8 | 24 |
| | 0951 | 0.1 | 3 |
| | 1404 | 0.2 | 6 |
| | 1827 | 0.1 | 3 |
| **10** Tu ◐ | 0213 | 0.7 | 21 |
| | 0952 | 0.1 | 3 |
| | 1643 | 0.4 | 12 |
| | 2017 | 0.3 | 9 |
| **11** W | 0218 | 0.6 | 18 |
| | 1003 | 0.1 | 3 |
| | 1745 | 0.5 | 15 |
| | 2236 | 0.4 | 12 |
| **12** Th | 0202 | 0.5 | 15 |
| | 1018 | 0.0 | 0 |
| | 1829 | 0.6 | 18 |
| **13** F | 1036 | −0.1 | −3 |
| | 1908 | 0.7 | 21 |
| **14** Sa | 1056 | −0.2 | −6 |
| | 1945 | 0.8 | 24 |
| **15** Su | 1121 | −0.2 | −6 |
| | 2022 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 1149 | −0.2 | −6 |
| | 2100 | 0.8 | 24 |
| **17** Tu | 1220 | −0.3 | −9 |
| | 2138 | 0.8 | 24 |
| **18** W ○ | 1252 | −0.3 | −9 |
| | 2215 | 0.8 | 24 |
| **19** Th | 1323 | −0.2 | −6 |
| | 2250 | 0.9 | 27 |
| **20** F | 1353 | −0.2 | −6 |
| | 2321 | 0.9 | 27 |
| **21** Sa | 1422 | −0.1 | −3 |
| | 2349 | 0.9 | 27 |
| **22** Su | 1452 | 0.0 | 0 |
| **23** M | 0015 | 0.9 | 27 |
| | 1523 | 0.1 | 3 |
| **24** Tu | 0039 | 0.8 | 24 |
| | 0903 | 0.2 | 6 |
| | 1222 | 0.3 | 9 |
| | 1601 | 0.2 | 6 |
| **25** W | 0100 | 0.7 | 21 |
| | 0858 | 0.2 | 6 |
| | 1558 | 0.4 | 12 |
| | 1824 | 0.3 | 9 |
| **26** Th ◑ | 0116 | 0.6 | 18 |
| | 0903 | 0.1 | 3 |
| | 1701 | 0.5 | 15 |
| | 2152 | 0.4 | 12 |
| **27** F | 0119 | 0.5 | 15 |
| | 0916 | 0.0 | 0 |
| | 1747 | 0.7 | 21 |
| **28** Sa | 0939 | −0.1 | −3 |
| | 1834 | 0.8 | 24 |
| **29** Su | 1011 | −0.2 | −6 |
| | 1923 | 0.9 | 27 |
| **30** M | 1052 | −0.3 | −9 |
| | 2014 | 1.0 | 30 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Charlotte Amalie, St. Thomas Island, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 1139 | −0.4 | −12 |
| | 2106 | 1.0 | 30 |
| **2** W ● | 1230 | −0.4 | −12 |
| | 2156 | 1.1 | 34 |
| **3** Th | 1323 | −0.3 | −9 |
| | 2243 | 1.0 | 30 |
| **4** F | 1416 | −0.2 | −6 |
| | 2324 | 1.0 | 30 |
| **5** Sa | 1509 | −0.1 | −3 |
| | 2358 | 0.9 | 27 |
| **6** Su | 1607 | 0.1 | 3 |
| **7** M | 0022 | 0.8 | 24 |
| | 0805 | 0.2 | 6 |
| | 1143 | 0.3 | 9 |
| | 1717 | 0.2 | 6 |
| **8** Tu | 0035 | 0.7 | 21 |
| | 0814 | 0.2 | 6 |
| | 1437 | 0.4 | 12 |
| | 1852 | 0.3 | 9 |
| **9** W | 0036 | 0.6 | 18 |
| | 0829 | 0.1 | 3 |
| | 1616 | 0.6 | 18 |
| | 2058 | 0.4 | 12 |
| **10** Th ◐ | 0017 | 0.5 | 15 |
| | 0848 | 0.1 | 3 |
| | 1713 | 0.7 | 21 |
| **11** F | 0911 | 0.0 | 0 |
| | 1759 | 0.7 | 21 |
| **12** Sa | 0939 | −0.1 | −3 |
| | 1842 | 0.8 | 24 |
| **13** Su | 1013 | −0.1 | −3 |
| | 1924 | 0.8 | 24 |
| **14** M | 1052 | −0.2 | −6 |
| | 2005 | 0.8 | 24 |
| **15** Tu | 1132 | −0.2 | −6 |
| | 2044 | 0.9 | 27 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 1210 | −0.2 | −6 |
| | 2120 | 0.9 | 27 |
| **17** Th | 1245 | −0.2 | −6 |
| | 2150 | 0.9 | 27 |
| **18** F ○ | 1317 | −0.1 | −3 |
| | 2216 | 0.9 | 27 |
| **19** Sa | 1349 | 0.0 | 0 |
| | 2239 | 1.0 | 30 |
| **20** Su | 1422 | 0.1 | 3 |
| | 2300 | 0.9 | 27 |
| **21** M | 0716 | 0.3 | 9 |
| | 0917 | 0.4 | 12 |
| | 1503 | 0.2 | 6 |
| | 2319 | 0.9 | 27 |
| **22** Tu | 0709 | 0.3 | 9 |
| | 1106 | 0.4 | 12 |
| | 1606 | 0.3 | 9 |
| | 2336 | 0.8 | 24 |
| **23** W | 0713 | 0.3 | 9 |
| | 1306 | 0.5 | 15 |
| | 1811 | 0.4 | 12 |
| | 2349 | 0.7 | 21 |
| **24** Th | 0724 | 0.2 | 6 |
| | 1510 | 0.6 | 18 |
| | 2051 | 0.5 | 15 |
| | 2344 | 0.6 | 18 |
| **25** F ◑ | 0744 | 0.1 | 3 |
| | 1626 | 0.8 | 24 |
| **26** Sa | 0814 | 0.0 | 0 |
| | 1726 | 0.9 | 27 |
| **27** Su | 0855 | −0.1 | −3 |
| | 1822 | 1.0 | 30 |
| **28** M | 0945 | −0.2 | −6 |
| | 1915 | 1.0 | 30 |
| **29** Tu | 1040 | −0.2 | −6 |
| | 2007 | 1.1 | 34 |
| **30** W | 1137 | −0.2 | −6 |
| | 2054 | 1.1 | 34 |
| **31** Th | 1234 | −0.2 | −6 |
| | 2136 | 1.1 | 34 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 1329 | −0.1 | −3 |
| | 2211 | 1.0 | 30 |
| **2** Sa | 1426 | 0.0 | 0 |
| | 2239 | 0.9 | 27 |
| **3** Su | 0604 | 0.4 | 12 |
| | 0851 | 0.5 | 15 |
| | 1526 | 0.2 | 6 |
| | 2257 | 0.8 | 24 |
| **4** M | 0611 | 0.4 | 12 |
| | 1025 | 0.5 | 15 |
| | 1636 | 0.3 | 9 |
| | 2306 | 0.7 | 21 |
| **5** Tu | 0624 | 0.3 | 9 |
| | 1205 | 0.6 | 18 |
| | 1801 | 0.4 | 12 |
| | 2306 | 0.6 | 18 |
| **6** W | 0641 | 0.3 | 9 |
| | 1350 | 0.7 | 21 |
| | 1946 | 0.4 | 12 |
| | 2254 | 0.5 | 15 |
| **7** Th | 0702 | 0.2 | 6 |
| | 1515 | 0.7 | 21 |
| **8** F ◐ | 0729 | 0.1 | 3 |
| | 1620 | 0.8 | 24 |
| **9** Sa | 0805 | 0.1 | 3 |
| | 1716 | 0.8 | 24 |
| **10** Su | 0849 | 0.0 | 0 |
| | 1807 | 0.9 | 27 |
| **11** M | 0939 | 0.0 | 0 |
| | 1854 | 0.9 | 27 |
| **12** Tu | 1028 | 0.0 | 0 |
| | 1935 | 0.9 | 27 |
| **13** W | 1114 | 0.0 | 0 |
| | 2010 | 1.0 | 30 |
| **14** Th | 1156 | 0.0 | 0 |
| | 2039 | 1.0 | 30 |
| **15** F | 1236 | 0.1 | 3 |
| | 2103 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 1317 | 0.2 | 6 |
| | 2124 | 1.0 | 30 |
| **17** Su | 0503 | 0.4 | 12 |
| | 0733 | 0.5 | 15 |
| | 1404 | 0.3 | 9 |
| | 2143 | 1.0 | 30 |
| **18** M | 0502 | 0.5 | 15 |
| | 0854 | 0.6 | 18 |
| | 1504 | 0.4 | 12 |
| | 2200 | 0.9 | 27 |
| **19** Tu | 0506 | 0.4 | 12 |
| | 1011 | 0.7 | 21 |
| | 1625 | 0.5 | 15 |
| | 2216 | 0.8 | 24 |
| **20** W | 0515 | 0.4 | 12 |
| | 1132 | 0.7 | 21 |
| | 1810 | 0.5 | 15 |
| | 2226 | 0.7 | 21 |
| **21** Th | 0530 | 0.3 | 9 |
| | 1302 | 0.8 | 24 |
| **22** F | 0556 | 0.2 | 6 |
| | 1435 | 0.9 | 27 |
| **23** Sa ◑ | 0634 | 0.1 | 3 |
| | 1556 | 1.0 | 30 |
| **24** Su | 0725 | 0.0 | 0 |
| | 1704 | 1.0 | 30 |
| **25** M | 0826 | 0.0 | 0 |
| | 1804 | 1.1 | 34 |
| **26** Tu | 0932 | 0.0 | 0 |
| | 1857 | 1.1 | 34 |
| **27** W | 1037 | 0.0 | 0 |
| | 1942 | 1.1 | 34 |
| **28** Th | 1141 | 0.1 | 3 |
| | 2021 | 1.1 | 34 |
| **29** F | 1244 | 0.2 | 6 |
| | 2052 | 1.0 | 30 |
| **30** Sa ● | 0359 | 0.5 | 15 |
| | 0708 | 0.6 | 18 |
| | 1347 | 0.3 | 9 |
| | 2114 | 0.9 | 27 |
| **31** Su | 0405 | 0.5 | 15 |
| | 0825 | 0.7 | 21 |
| | 1455 | 0.4 | 12 |
| | 2128 | 0.8 | 24 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0415 | 0.5 | 15 |
| | 0935 | 0.8 | 24 |
| | 1608 | 0.5 | 15 |
| | 2134 | 0.7 | 21 |
| **2** Tu | 0428 | 0.4 | 12 |
| | 1041 | 0.8 | 24 |
| | 1730 | 0.5 | 15 |
| | 2134 | 0.6 | 18 |
| **3** W | 0441 | 0.3 | 9 |
| | 1147 | 0.9 | 27 |
| | 1908 | 0.5 | 15 |
| | 2122 | 0.6 | 18 |
| **4** Th | 0457 | 0.3 | 9 |
| | 1256 | 0.9 | 27 |
| **5** F | 0520 | 0.2 | 6 |
| | 1409 | 0.9 | 27 |
| **6** Sa | 0558 | 0.2 | 6 |
| | 1521 | 0.9 | 27 |
| **7** Su ◐ | 0652 | 0.2 | 6 |
| | 1626 | 0.9 | 27 |
| **8** M | 0754 | 0.1 | 3 |
| | 1721 | 0.9 | 27 |
| **9** Tu | 0856 | 0.2 | 6 |
| | 1806 | 1.0 | 30 |
| **10** W | 0953 | 0.2 | 6 |
| | 1843 | 1.0 | 30 |
| **11** Th | 1046 | 0.2 | 6 |
| | 1912 | 1.0 | 30 |
| **12** F | 1138 | 0.3 | 9 |
| | 1936 | 1.0 | 30 |
| **13** Sa | 0258 | 0.5 | 15 |
| | 0605 | 0.6 | 18 |
| | 1234 | 0.4 | 12 |
| | 1957 | 1.0 | 30 |
| **14** Su | 0256 | 0.6 | 18 |
| | 0718 | 0.7 | 21 |
| | 1339 | 0.4 | 12 |
| | 2016 | 0.9 | 27 |
| **15** M ○ | 0300 | 0.5 | 15 |
| | 0823 | 0.8 | 24 |
| | 1454 | 0.5 | 15 |
| | 2034 | 0.8 | 24 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0305 | 0.5 | 15 |
| | 0925 | 0.9 | 27 |
| | 1622 | 0.6 | 18 |
| | 2049 | 0.7 | 21 |
| **17** W | 0315 | 0.4 | 12 |
| | 1028 | 1.0 | 30 |
| | 1802 | 0.5 | 15 |
| | 2055 | 0.6 | 18 |
| **18** Th | 0333 | 0.3 | 9 |
| | 1135 | 1.0 | 30 |
| **19** F | 0402 | 0.2 | 6 |
| | 1251 | 1.1 | 34 |
| **20** Sa | 0444 | 0.1 | 3 |
| | 1413 | 1.1 | 34 |
| **21** Su | 0540 | 0.1 | 3 |
| | 1531 | 1.1 | 34 |
| **22** M ◑ | 0649 | 0.1 | 3 |
| | 1637 | 1.2 | 37 |
| **23** Tu | 0805 | 0.1 | 3 |
| | 1733 | 1.2 | 37 |
| **24** W | 0922 | 0.2 | 6 |
| | 1819 | 1.1 | 34 |
| **25** Th | 1038 | 0.3 | 9 |
| | 1855 | 1.1 | 34 |
| **26** F | 0208 | 0.5 | 15 |
| | 0544 | 0.6 | 18 |
| | 1154 | 0.4 | 12 |
| | 1922 | 1.0 | 30 |
| **27** Sa | 0210 | 0.5 | 15 |
| | 0700 | 0.7 | 21 |
| | 1311 | 0.5 | 15 |
| | 1939 | 0.9 | 27 |
| **28** Su | 0218 | 0.5 | 15 |
| | 0803 | 0.8 | 24 |
| | 1430 | 0.5 | 15 |
| | 1948 | 0.8 | 24 |
| **29** M ● | 0228 | 0.4 | 12 |
| | 0858 | 0.9 | 27 |
| | 1551 | 0.6 | 18 |
| | 1951 | 0.7 | 21 |
| **30** Tu | 0237 | 0.4 | 12 |
| | 0947 | 1.0 | 30 |
| | 1719 | 0.5 | 15 |
| | 1946 | 0.6 | 18 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Charlotte Amalie, St. Thomas Island, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** W | 0245<br>1035 | 0.3 / 9<br>1.0 / 30 | **16** Th | 0158<br>1032 | 0.1 / 3<br>1.2 / 37 |
| **2** Th | 0254<br>1124 | 0.2 / 6<br>1.0 / 30 | **17** F | 0230<br>1134 | 0.1 / 3<br>1.2 / 37 |
| **3** F | 0311<br>1219 | 0.2 / 6<br>1.0 / 30 | **18** Sa | 0311<br>1244 | 0.0 / 0<br>1.2 / 37 |
| **4** Sa | 0340<br>1321 | 0.2 / 6<br>1.0 / 30 | **19** Su | 0402<br>1355 | 0.0 / 0<br>1.2 / 37 |
| **5** Su | 0424<br>1427 | 0.2 / 6<br>1.0 / 30 | **20** M | 0505<br>1502 | 0.1 / 3<br>1.2 / 37 |
| **6** M | 0524<br>1528 | 0.2 / 6<br>1.0 / 30 | **21** Tu ◑ | 0620<br>1558 | 0.2 / 6<br>1.1 / 34 |
| **7** Tu ◐ | 0636<br>1618 | 0.2 / 6<br>1.0 / 30 | **22** W | 0745<br>1643 | 0.3 / 9<br>1.1 / 34 |
| **8** W | 0749<br>1657 | 0.3 / 9<br>1.0 / 30 | **23** Th | 0045<br>0353<br>0916<br>1717 | 0.4 / 12<br>0.5 / 15<br>0.4 / 12<br>1.0 / 30 |
| **9** Th | 0900<br>1728 | 0.4 / 12<br>1.0 / 30 | **24** F | 0031<br>0543<br>1051<br>1740 | 0.5 / 15<br>0.6 / 18<br>0.5 / 15<br>0.9 / 27 |
| **10** F | 0124<br>0419<br>1013<br>1754 | 0.5 / 15<br>0.6 / 18<br>0.4 / 12<br>1.0 / 30 | **25** Sa | 0036<br>0649<br>1230<br>1752 | 0.4 / 12<br>0.8 / 24<br>0.6 / 18<br>0.8 / 24 |
| **11** Sa | 0111<br>0550<br>1132<br>1817 | 0.6 / 18<br>0.7 / 21<br>0.5 / 15<br>1.0 / 30 | **26** Su | 0046<br>0741<br>1411<br>1754 | 0.4 / 12<br>0.9 / 27<br>0.6 / 18<br>0.7 / 21 |
| **12** Su | 0110<br>0654<br>1259<br>1838 | 0.5 / 15<br>0.8 / 24<br>0.6 / 18<br>0.9 / 27 | **27** M | 0057<br>0826 | 0.3 / 9<br>1.0 / 30 |
| **13** M | 0114<br>0749<br>1432<br>1855 | 0.4 / 12<br>0.9 / 27<br>0.6 / 18<br>0.8 / 24 | **28** Tu ● | 0107<br>0906 | 0.2 / 6<br>1.0 / 30 |
| **14** Tu ○ | 0122<br>0841<br>1610<br>1907 | 0.4 / 12<br>1.0 / 30<br>0.5 / 15<br>0.6 / 18 | **29** W | 0118<br>0945 | 0.2 / 6<br>1.0 / 30 |
| **15** W | 0136<br>0935 | 0.2 / 6<br>1.1 / 34 | **30** Th | 0131<br>1025 | 0.1 / 3<br>1.0 / 30 |
| | | | **31** F | 0150<br>1108 | 0.1 / 3<br>1.0 / 30 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** Sa | 0217<br>1156 | 0.1 / 3<br>1.0 / 30 | **16** Su | 0252<br>1234 | −0.1 / −3<br>1.2 / 37 |
| **2** Su | 0251<br>1248 | 0.1 / 3<br>1.0 / 30 | **17** M | 0345<br>1331 | −0.1 / −3<br>1.1 / 34 |
| **3** M | 0330<br>1339 | 0.1 / 3<br>1.0 / 30 | **18** Tu | 0445<br>1422 | 0.0 / 0<br>1.1 / 34 |
| **4** Tu | 0411<br>1424 | 0.2 / 6<br>1.0 / 30 | **19** W ◑ | 0557<br>1502<br>2311 | 0.2 / 6<br>1.0 / 30<br>0.3 / 9 |
| **5** W | 0457<br>1502 | 0.2 / 6<br>1.0 / 30 | **20** Th | 0312<br>0731<br>1531<br>2302 | 0.4 / 12<br>0.3 / 9<br>0.9 / 27<br>0.3 / 9 |
| **6** Th ◐ | 0600<br>1533<br>2355 | 0.3 / 9<br>1.0 / 30<br>0.4 / 12 | **21** F | 0522<br>0926<br>1547<br>2310 | 0.6 / 18<br>0.5 / 15<br>0.8 / 24<br>0.3 / 9 |
| **7** F | 0353<br>0751<br>1601<br>2340 | 0.5 / 15<br>0.4 / 12<br>0.9 / 27<br>0.4 / 12 | **22** Sa | 0623<br>1137<br>1547<br>2323 | 0.7 / 21<br>0.5 / 15<br>0.6 / 18<br>0.2 / 6 |
| **8** Sa | 0535<br>0958<br>1624<br>2339 | 0.6 / 18<br>0.5 / 15<br>0.9 / 27<br>0.4 / 12 | **23** Su | 0709<br>2338 | 0.8 / 24<br>0.1 / 3 |
| **9** Su | 0627<br>1203<br>1645<br>2345 | 0.8 / 24<br>0.6 / 18<br>0.7 / 21<br>0.3 / 9 | **24** M | 0749<br>2355 | 0.9 / 27<br>0.0 / 0 |
| **10** M | 0712<br>1406<br>1658<br>2356 | 0.9 / 27<br>0.5 / 15<br>0.6 / 18<br>0.2 / 6 | **25** Tu | 0825 | 1.0 / 30 |
| **11** Tu | 0758 | 1.0 / 30 | **26** W | 0013<br>0902 | 0.0 / 0<br>1.0 / 30 |
| **12** W | 0016<br>0846 | 0.0 / 0<br>1.1 / 34 | **27** Th ● | 0035<br>0939 | −0.1 / −3<br>1.0 / 30 |
| **13** Th ○ | 0044<br>0938 | −0.1 / −3<br>1.2 / 37 | **28** F | 0100<br>1018 | −0.1 / −3<br>0.9 / 27 |
| **14** F | 0120<br>1033 | −0.1 / −3<br>1.2 / 37 | **29** Sa | 0129<br>1058 | −0.1 / −3<br>0.9 / 27 |
| **15** Sa | 0203<br>1133 | −0.2 / −6<br>1.2 / 37 | **30** Su | 0200<br>1137 | −0.1 / −3<br>0.9 / 27 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0230<br>1215 | −0.1 / −3<br>0.9 / 27 | **16** Tu | 0342<br>1253 | −0.1 / −3<br>1.0 / 30 |
| **2** Tu | 0259<br>1248 | 0.0 / 0<br>0.9 / 27 | **17** W | 0441<br>1325<br>2127 | 0.0 / 0<br>0.9 / 27<br>0.2 / 6 |
| **3** W | 0327<br>1318 | 0.1 / 3<br>0.9 / 27 | **18** Th | 0043<br>0558<br>1346<br>2128 | 0.3 / 9<br>0.2 / 6<br>0.7 / 21<br>0.2 / 6 |
| **4** Th | 0352<br>1344<br>2227 | 0.2 / 6<br>0.9 / 27<br>0.2 / 6 | **19** F ◑ | 0412<br>0749<br>1351<br>2140 | 0.4 / 12<br>0.3 / 9<br>0.6 / 18<br>0.1 / 3 |
| **5** F ◐ | 0146<br>0400<br>1407<br>2212 | 0.3 / 9<br>0.2 / 6<br>0.8 / 24<br>0.3 / 9 | **20** Sa | 0526<br>1014<br>1332<br>2158 | 0.6 / 18<br>0.4 / 12<br>0.5 / 15<br>0.0 / 0 |
| **6** Sa | 1428<br>2213 | 0.7 / 21<br>0.2 / 6 | **21** Su | 0615<br>2220 | 0.7 / 21<br>−0.1 / −3 |
| **7** Su | 0556<br>1042<br>1440<br>2222 | 0.6 / 18<br>0.5 / 15<br>0.6 / 18<br>0.1 / 3 | **22** M | 0657<br>2245 | 0.7 / 21<br>−0.2 / −6 |
| **8** M | 0631<br>2238 | 0.8 / 24<br>0.0 / 0 | **23** Tu | 0736<br>2314 | 0.8 / 24<br>−0.2 / −6 |
| **9** Tu | 0712<br>2304 | 0.9 / 27<br>−0.2 / −6 | **24** W | 0815<br>2346 | 0.8 / 24<br>−0.3 / −9 |
| **10** W | 0757<br>2338 | 1.0 / 30<br>−0.3 / −9 | **25** Th | 0853 | 0.8 / 24 |
| **11** Th | 0847 | 1.1 / 34 | **26** F | 0020<br>0931 | −0.3 / −9<br>0.8 / 24 |
| **12** F ○ | 0020<br>0939 | −0.3 / −9<br>1.1 / 34 | **27** Sa ● | 0054<br>1007 | −0.3 / −9<br>0.8 / 24 |
| **13** Sa | 0107<br>1032 | −0.4 / −12<br>1.1 / 34 | **28** Su | 0125<br>1040 | −0.3 / −9<br>0.8 / 24 |
| **14** Su | 0157<br>1124 | −0.3 / −9<br>1.1 / 34 | **29** M | 0154<br>1108 | −0.2 / −6<br>0.8 / 24 |
| **15** M | 0249<br>1212 | −0.3 / −9<br>1.0 / 30 | **30** Tu | 0220<br>1132 | −0.2 / −6<br>0.8 / 24 |
| | | | **31** W | 0245<br>1154 | −0.1 / −3<br>0.8 / 24 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Lime Tree Bay, St. Croix Island, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0900 | 0.6 | 18 |
| | 2005 | 0.0 | 0 |
| **2** W | 0831 | 0.6 | 18 |
| | 2039 | −0.1 | −3 |
| **3** Th | 0838 | 0.6 | 18 |
| | 2120 | −0.2 | −6 |
| **4** F | 0903 | 0.7 | 21 |
| | 2204 | −0.3 | −9 |
| **5** Sa | 0935 | 0.7 | 21 |
| | 2247 | −0.3 | −9 |
| **6** Su | 1007 | 0.7 | 21 |
| | 2328 | −0.4 | −12 |
| **7** M | 1038 | 0.7 | 21 |
| **8** Tu ● | 0006 | −0.3 | −9 |
| | 1105 | 0.8 | 24 |
| **9** W | 0040 | −0.3 | −9 |
| | 1127 | 0.8 | 24 |
| **10** Th | 0112 | −0.2 | −6 |
| | 1144 | 0.8 | 24 |
| **11** F | 0142 | −0.1 | −3 |
| | 1152 | 0.7 | 21 |
| **12** Sa | 0208 | 0.0 | 0 |
| | 1146 | 0.6 | 18 |
| **13** Su | 0223 | 0.1 | 3 |
| | 1120 | 0.5 | 15 |
| **14** M | 0121 | 0.2 | 6 |
| | 1023 | 0.5 | 15 |
| | 1908 | 0.1 | 3 |
| **15** Tu ◐ | 0854 | 0.5 | 15 |
| | 1908 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0748 | 0.6 | 18 |
| | 1937 | −0.2 | −6 |
| **17** Th | 0752 | 0.7 | 21 |
| | 2021 | −0.3 | −9 |
| **18** F | 0826 | 0.7 | 21 |
| | 2113 | −0.4 | −12 |
| **19** Sa | 0908 | 0.8 | 24 |
| | 2208 | −0.4 | −12 |
| **20** Su | 0951 | 0.8 | 24 |
| | 2302 | −0.4 | −12 |
| **21** M | 1033 | 0.8 | 24 |
| | 2353 | −0.4 | −12 |
| **22** Tu ○ | 1107 | 0.7 | 21 |
| **23** W | 0039 | −0.3 | −9 |
| | 1130 | 0.7 | 21 |
| **24** Th | 0120 | −0.2 | −6 |
| | 1134 | 0.6 | 18 |
| **25** F | 0156 | −0.1 | −3 |
| | 1113 | 0.5 | 15 |
| **26** Sa | 0226 | 0.1 | 3 |
| | 1033 | 0.4 | 12 |
| | 1737 | 0.2 | 6 |
| | 2055 | 0.3 | 9 |
| **27** Su | 0243 | 0.2 | 6 |
| | 0944 | 0.4 | 12 |
| | 1717 | 0.1 | 3 |
| **28** M | 0846 | 0.4 | 12 |
| | 1736 | 0.0 | 0 |
| **29** Tu | 0747 | 0.4 | 12 |
| | 1809 | −0.1 | −3 |
| **30** W ◑ | 0723 | 0.5 | 15 |
| | 1852 | −0.2 | −6 |
| **31** Th | 0739 | 0.5 | 15 |
| | 1943 | −0.3 | −9 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0809 | 0.5 | 15 |
| | 2037 | −0.3 | −9 |
| **2** Sa | 0842 | 0.6 | 18 |
| | 2131 | −0.4 | −12 |
| **3** Su | 0914 | 0.6 | 18 |
| | 2221 | −0.4 | −12 |
| **4** M | 0942 | 0.6 | 18 |
| | 2306 | −0.3 | −9 |
| **5** Tu | 1006 | 0.7 | 21 |
| | 2347 | −0.3 | −9 |
| **6** W ● | 1024 | 0.6 | 18 |
| **7** Th | 0026 | −0.2 | −6 |
| | 1034 | 0.6 | 18 |
| **8** F | 0105 | −0.1 | −3 |
| | 1034 | 0.5 | 15 |
| **9** Sa | 0144 | 0.0 | 0 |
| | 1017 | 0.5 | 15 |
| **10** Su | 0222 | 0.1 | 3 |
| | 0937 | 0.4 | 12 |
| | 1641 | 0.2 | 6 |
| | 2315 | 0.3 | 9 |
| **11** M | 0247 | 0.2 | 6 |
| | 0827 | 0.3 | 9 |
| | 1641 | 0.0 | 0 |
| **12** Tu | 0638 | 0.4 | 12 |
| | 1707 | −0.1 | −3 |
| **13** W ◐ | 0559 | 0.5 | 15 |
| | 1749 | −0.3 | −9 |
| **14** Th | 0634 | 0.6 | 18 |
| | 1841 | −0.4 | −12 |
| **15** F | 0721 | 0.6 | 18 |
| | 1942 | −0.4 | −12 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0808 | 0.7 | 21 |
| | 2046 | −0.4 | −12 |
| **17** Su | 0853 | 0.7 | 21 |
| | 2150 | −0.4 | −12 |
| **18** M | 0932 | 0.7 | 21 |
| | 2250 | −0.3 | −9 |
| **19** Tu | 1001 | 0.6 | 18 |
| | 2345 | −0.2 | −6 |
| **20** W ○ | 1015 | 0.5 | 15 |
| **21** Th | 0037 | −0.1 | −3 |
| | 1006 | 0.4 | 12 |
| **22** F | 0126 | 0.0 | 0 |
| | 0933 | 0.4 | 12 |
| | 1516 | 0.2 | 6 |
| | 1921 | 0.3 | 9 |
| **23** Sa | 0217 | 0.1 | 3 |
| | 0847 | 0.3 | 9 |
| | 1457 | 0.1 | 3 |
| | 2133 | 0.3 | 9 |
| **24** Su | 0313 | 0.2 | 6 |
| | 0749 | 0.3 | 9 |
| | 1511 | 0.0 | 0 |
| | 2324 | 0.3 | 9 |
| **25** M | 0434 | 0.2 | 6 |
| | 0616 | 0.3 | 9 |
| | 1538 | −0.1 | −3 |
| **26** Tu | 0132 | 0.4 | 12 |
| | 1613 | −0.2 | −6 |
| **27** W | 0423 | 0.4 | 12 |
| | 1656 | −0.3 | −9 |
| **28** Th ◑ | 0541 | 0.4 | 12 |
| | 1746 | −0.3 | −9 |
| **29** F | 0634 | 0.5 | 15 |
| | 1841 | −0.3 | −9 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0718 | 0.5 | 15 |
| | 1941 | −0.3 | −9 |
| **2** Su | 0754 | 0.5 | 15 |
| | 2041 | −0.3 | −9 |
| **3** M | 0823 | 0.6 | 18 |
| | 2139 | −0.2 | −6 |
| **4** Tu | 0846 | 0.6 | 18 |
| | 2234 | −0.2 | −6 |
| **5** W | 0902 | 0.6 | 18 |
| | 2330 | −0.1 | −3 |
| **6** Th | 0907 | 0.5 | 15 |
| **7** F ● | 0030 | 0.0 | 0 |
| | 0857 | 0.4 | 12 |
| | 1528 | 0.2 | 6 |
| | 1845 | 0.3 | 9 |
| **8** Sa | 0138 | 0.1 | 3 |
| | 0821 | 0.3 | 9 |
| | 1429 | 0.2 | 6 |
| | 2106 | 0.4 | 12 |
| **9** Su | 0307 | 0.2 | 6 |
| | 0708 | 0.3 | 9 |
| | 1426 | 0.0 | 0 |
| | 2253 | 0.4 | 12 |
| **10** M | 1447 | −0.1 | −3 |
| **11** Tu | 0041 | 0.5 | 15 |
| | 1521 | −0.2 | −6 |
| **12** W | 0241 | 0.5 | 15 |
| | 1606 | −0.3 | −9 |
| **13** Th | 0424 | 0.6 | 18 |
| | 1658 | −0.4 | −12 |
| **14** F ◐ | 0541 | 0.6 | 18 |
| | 1756 | −0.4 | −12 |
| **15** Sa | 0641 | 0.6 | 18 |
| | 1859 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0730 | 0.6 | 18 |
| | 2007 | −0.3 | −9 |
| **17** M | 0808 | 0.6 | 18 |
| | 2118 | −0.2 | −6 |
| **18** Tu | 0830 | 0.5 | 15 |
| | 2231 | 0.0 | 0 |
| **19** W | 0828 | 0.4 | 12 |
| | 2348 | 0.1 | 3 |
| **20** Th | 0756 | 0.3 | 9 |
| | 1338 | 0.2 | 6 |
| | 1831 | 0.3 | 9 |
| **21** F ○ | 0112 | 0.2 | 6 |
| | 0703 | 0.3 | 9 |
| | 1306 | 0.1 | 3 |
| | 2023 | 0.4 | 12 |
| **22** Sa | 0303 | 0.2 | 6 |
| | 0541 | 0.3 | 9 |
| | 1314 | 0.0 | 0 |
| | 2138 | 0.4 | 12 |
| **23** Su | 1335 | −0.1 | −3 |
| | 2243 | 0.5 | 15 |
| **24** M | 1403 | −0.2 | −6 |
| | 2348 | 0.5 | 15 |
| **25** Tu | 1437 | −0.3 | −9 |
| **26** W | 0102 | 0.5 | 15 |
| | 1516 | −0.3 | −9 |
| **27** Th | 0232 | 0.5 | 15 |
| | 1558 | −0.3 | −9 |
| **28** F | 0400 | 0.5 | 15 |
| | 1644 | −0.3 | −9 |
| **29** Sa ◑ | 0506 | 0.5 | 15 |
| | 1733 | −0.3 | −9 |
| **30** Su | 0553 | 0.5 | 15 |
| | 1824 | −0.2 | −6 |
| **31** M | 0627 | 0.6 | 18 |
| | 1918 | −0.1 | −3 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Lime Tree Bay, St. Croix Island, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Tu | 0651 | 0.6 | 18 | 16 W | 0531 | 0.4 | 12 |
| | 2023 | 0.0 | 0 | | 1315 | 0.2 | 6 |
| | | | | | 1834 | 0.3 | 9 |
| | | | | | 2158 | 0.2 | 6 |
| 2 W | 0704 | 0.5 | 15 | 17 Th | 0418 | 0.3 | 9 |
| | 2149 | 0.1 | 3 | | 1147 | 0.2 | 6 |
| | | | | | 2012 | 0.4 | 12 |
| 3 Th | 0700 | 0.4 | 12 | 18 F | 1141 | 0.0 | 0 |
| | 1430 | 0.2 | 6 | | 2058 | 0.5 | 15 |
| | 1805 | 0.3 | 9 | | | | |
| | 2347 | 0.2 | 6 | | | | |
| 4 F | 0627 | 0.4 | 12 | 19 Sa | 1156 | −0.1 | −3 |
| | 1258 | 0.2 | 6 | | 2138 | 0.6 | 18 |
| | 2008 | 0.4 | 12 | | | | |
| 5 Sa ● | 0242 | 0.2 | 6 | 20 Su ○ | 1220 | −0.2 | −6 |
| | 0442 | 0.3 | 9 | | 2219 | 0.6 | 18 |
| | 1239 | 0.1 | 3 | | | | |
| | 2122 | 0.5 | 15 | | | | |
| 6 Su | 1250 | −0.1 | −3 | 21 M | 1250 | −0.3 | −9 |
| | 2228 | 0.6 | 18 | | 2304 | 0.6 | 18 |
| 7 M | 1318 | −0.2 | −6 | 22 Tu | 1323 | −0.3 | −9 |
| | 2337 | 0.6 | 18 | | 2354 | 0.6 | 18 |
| 8 Tu | 1356 | −0.3 | −9 | 23 W | 1358 | −0.3 | −9 |
| 9 W | 0053 | 0.7 | 21 | 24 Th | 0050 | 0.6 | 18 |
| | 1440 | −0.4 | −12 | | 1436 | −0.3 | −9 |
| 10 Th | 0215 | 0.7 | 21 | 25 F | 0150 | 0.6 | 18 |
| | 1528 | −0.4 | −12 | | 1513 | −0.3 | −9 |
| 11 F | 0336 | 0.7 | 21 | 26 Sa | 0244 | 0.6 | 18 |
| | 1619 | −0.4 | −12 | | 1549 | −0.3 | −9 |
| 12 Sa ◐ | 0444 | 0.7 | 21 | 27 Su | 0329 | 0.6 | 18 |
| | 1709 | −0.3 | −9 | | 1623 | −0.2 | −6 |
| 13 Su | 0535 | 0.6 | 18 | 28 M ◑ | 0402 | 0.6 | 18 |
| | 1759 | −0.2 | −6 | | 1652 | −0.1 | −3 |
| 14 M | 0606 | 0.6 | 18 | 29 Tu | 0423 | 0.6 | 18 |
| | 1849 | 0.0 | 0 | | 1708 | 0.1 | 3 |
| 15 Tu | 0608 | 0.5 | 15 | 30 W | 0426 | 0.5 | 15 |
| | 1946 | 0.1 | 3 | | 1537 | 0.2 | 6 |

## May

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Th | 0401 | 0.5 | 15 | 16 F | 1031 | 0.0 | 0 |
| | 1223 | 0.2 | 6 | | 2118 | 0.6 | 18 |
| 2 F | 0211 | 0.4 | 12 | 17 Sa | 1050 | −0.1 | −3 |
| | 1127 | 0.1 | 3 | | 2134 | 0.7 | 21 |
| | 2052 | 0.5 | 15 | | | | |
| 3 Sa | 1119 | 0.0 | 0 | 18 Su | 1117 | −0.2 | −6 |
| | 2120 | 0.6 | 18 | | 2202 | 0.7 | 21 |
| 4 Su | 1136 | −0.2 | −6 | 19 M ○ | 1149 | −0.3 | −9 |
| | 2204 | 0.7 | 21 | | 2236 | 0.7 | 21 |
| 5 M ● | 1208 | −0.3 | −9 | 20 Tu | 1223 | −0.4 | −12 |
| | 2256 | 0.8 | 24 | | 2315 | 0.7 | 21 |
| 6 Tu | 1247 | −0.4 | −12 | 21 W | 1259 | −0.4 | −12 |
| | 2354 | 0.8 | 24 | | 2357 | 0.7 | 21 |
| 7 W | 1332 | −0.5 | −15 | 22 Th | 1333 | −0.4 | −12 |
| 8 Th | 0056 | 0.8 | 24 | 23 F | 0037 | 0.7 | 21 |
| | 1417 | −0.5 | −15 | | 1406 | −0.3 | −9 |
| 9 F | 0156 | 0.8 | 24 | 24 Sa | 0112 | 0.7 | 21 |
| | 1502 | −0.4 | −12 | | 1436 | −0.3 | −9 |
| 10 Sa | 0249 | 0.7 | 21 | 25 Su | 0142 | 0.7 | 21 |
| | 1543 | −0.3 | −9 | | 1501 | −0.2 | −6 |
| 11 Su ◐ | 0326 | 0.7 | 21 | 26 M | 0203 | 0.7 | 21 |
| | 1616 | −0.1 | −3 | | 1519 | 0.0 | 0 |
| 12 M | 0336 | 0.6 | 18 | 27 Tu ◑ | 0212 | 0.7 | 21 |
| | 1634 | 0.0 | 0 | | 1515 | 0.1 | 3 |
| 13 Tu | 0309 | 0.5 | 15 | 28 W | 0203 | 0.6 | 18 |
| | 1548 | 0.2 | 6 | | 1331 | 0.2 | 6 |
| 14 W | 0205 | 0.5 | 15 | 29 Th | 0120 | 0.5 | 15 |
| | 1119 | 0.2 | 6 | | 1056 | 0.2 | 6 |
| | | | | | 2324 | 0.5 | 15 |
| 15 Th | 0018 | 0.5 | 15 | 30 F | 1010 | 0.1 | 3 |
| | 1028 | 0.1 | 3 | | 2112 | 0.6 | 18 |
| | 2145 | 0.5 | 15 | | | | |
| | | | | 31 Sa | 1009 | −0.1 | −3 |
| | | | | | 2107 | 0.7 | 21 |

## June

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| 1 Su | 1031 | −0.2 | −6 | 16 M | 1052 | −0.3 | −9 |
| | 2137 | 0.8 | 24 | | 2211 | 0.8 | 24 |
| 2 M | 1106 | −0.4 | −12 | 17 Tu | 1130 | −0.3 | −9 |
| | 2221 | 0.9 | 27 | | 2244 | 0.8 | 24 |
| 3 Tu ● | 1148 | −0.5 | −15 | 18 W ○ | 1207 | −0.4 | −12 |
| | 2310 | 0.9 | 27 | | 2316 | 0.8 | 24 |
| 4 W | 1233 | −0.5 | −15 | 19 Th | 1242 | −0.3 | −9 |
| | | | | | 2345 | 0.8 | 24 |
| 5 Th | 0000 | 0.9 | 27 | 20 F | 1313 | −0.3 | −9 |
| | 1318 | −0.5 | −15 | | | | |
| 6 F | 0048 | 0.9 | 27 | 21 Sa | 0009 | 0.8 | 24 |
| | 1401 | −0.4 | −12 | | 1341 | −0.2 | −6 |
| 7 Sa | 0126 | 0.8 | 24 | 22 Su | 0027 | 0.8 | 24 |
| | 1438 | −0.3 | −9 | | 1404 | −0.1 | −3 |
| 8 Su | 0147 | 0.8 | 24 | 23 M | 0038 | 0.8 | 24 |
| | 1506 | −0.1 | −3 | | 1421 | 0.0 | 0 |
| 9 M | 0141 | 0.7 | 21 | 24 Tu | 0038 | 0.7 | 21 |
| | 1517 | 0.1 | 3 | | 1420 | 0.1 | 3 |
| 10 Tu ◐ | 0105 | 0.6 | 18 | 25 W | 0022 | 0.7 | 21 |
| | 1427 | 0.2 | 6 | | 1233 | 0.2 | 6 |
| | | | | | 2339 | 0.6 | 18 |
| 11 W | 0007 | 0.5 | 15 | 26 Th ◑ | 0917 | 0.2 | 6 |
| | 0943 | 0.2 | 6 | | 2217 | 0.6 | 18 |
| | 2254 | 0.6 | 18 | | | | |
| 12 Th | 0907 | 0.1 | 3 | 27 F | 0844 | 0.1 | 3 |
| | 2142 | 0.6 | 18 | | 2052 | 0.7 | 21 |
| 13 F | 0917 | 0.0 | 0 | 28 Sa | 0853 | −0.1 | −3 |
| | 2112 | 0.7 | 21 | | 2039 | 0.8 | 24 |
| 14 Sa | 0943 | −0.2 | −6 | 29 Su | 0923 | −0.2 | −6 |
| | 2118 | 0.7 | 21 | | 2104 | 0.9 | 27 |
| 15 Su | 1016 | −0.2 | −6 | 30 M | 1004 | −0.3 | −9 |
| | 2140 | 0.7 | 21 | | 2143 | 0.9 | 27 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Lime Tree Bay, St. Croix Island, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Tu | 1050<br>2227 | −0.4 −12<br>1.0 30 | 16 W | 1114<br>2233 | −0.3 −9<br>0.8 24 |
| 2 W ● | 1139<br>2311 | −0.4 −12<br>1.0 30 | 17 Th | 1152<br>2255 | −0.2 −6<br>0.9 27 |
| 3 Th | 1225<br>2351 | −0.4 −12<br>0.9 27 | 18 F ○ | 1225<br>2312 | −0.2 −6<br>0.9 27 |
| 4 F | 1309 | −0.3 −9 | 19 Sa | 1255<br>2322 | −0.1 −3<br>0.9 27 |
| 5 Sa | 0021<br>1347 | 0.9 27<br>−0.2 −6 | 20 Su | 1322<br>2325 | 0.0 0<br>0.8 24 |
| 6 Su | 0033<br>1418 | 0.8 24<br>0.0 0 | 21 M | 1345<br>2318 | 0.1 3<br>0.8 24 |
| 7 M | 0018<br>1435<br>2338 | 0.7 21<br>0.2 6<br>0.6 18 | 22 Tu | 1357<br>2255 | 0.3 9<br>0.7 21 |
| 8 Tu | 1415<br>2245 | 0.3 9<br>0.6 18 | 23 W | 0828<br>2209 | 0.3 9<br>0.6 18 |
| 9 W | 0727<br>2147 | 0.3 9<br>0.6 18 | 24 Th | 0652<br>2056 | 0.3 9<br>0.6 18 |
| 10 Th ◐ | 0722<br>2055 | 0.1 3<br>0.6 18 | 25 F ◑ | 0652<br>1950 | 0.1 3<br>0.7 21 |
| 11 F | 0745<br>2033 | 0.0 0<br>0.7 21 | 26 Sa | 0718<br>1945 | 0.0 0<br>0.8 24 |
| 12 Sa | 0821<br>2041 | −0.1 −3<br>0.7 21 | 27 Su | 0800<br>2014 | −0.1 −3<br>0.9 27 |
| 13 Su | 0903<br>2105 | −0.2 −6<br>0.8 24 | 28 M | 0850<br>2055 | −0.2 −6<br>1.0 30 |
| 14 M | 0948<br>2135 | −0.2 −6<br>0.8 24 | 29 Tu | 0945<br>2138 | −0.3 −9<br>1.0 30 |
| 15 Tu | 1033<br>2206 | −0.3 −9<br>0.8 24 | 30 W | 1040<br>2219 | −0.3 −9<br>1.0 30 |
| | | | 31 Th | 1132<br>2254 | −0.2 −6<br>1.0 30 |

## August

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 F ● | 1219<br>2319 | −0.1 −3<br>0.9 27 | 16 Sa ○ | 1210<br>2211 | 0.1 3<br>0.9 27 |
| 2 Sa | 1303<br>2323 | 0.0 0<br>0.8 24 | 17 Su | 1247<br>2206 | 0.2 6<br>0.8 24 |
| 3 Su | 1341<br>2258 | 0.2 6<br>0.7 21 | 18 M | 1325<br>2148 | 0.3 9<br>0.7 21 |
| 4 M | 1413<br>2212 | 0.3 9<br>0.6 18 | 19 Tu | 0513<br>0751<br>1402<br>2112 | 0.5 15<br>0.6 18<br>0.5 15<br>0.7 21 |
| 5 Tu | 0501<br>0904<br>1432<br>2118 | 0.4 12<br>0.5 15<br>0.4 12<br>0.6 18 | 20 W | 0421<br>1105<br>1429<br>2011 | 0.4 12<br>0.6 18<br>0.5 15<br>0.7 21 |
| 6 W | 0451<br>2019 | 0.3 9<br>0.6 18 | 21 Th | 0422<br>1831 | 0.3 9<br>0.7 21 |
| 7 Th | 0514<br>1928 | 0.2 6<br>0.7 21 | 22 F | 0447<br>1741 | 0.2 6<br>0.8 24 |
| 8 F ◐ | 0549<br>1914 | 0.1 3<br>0.7 21 | 23 Sa ◑ | 0526<br>1814 | 0.1 3<br>0.9 27 |
| 9 Sa | 0634<br>1933 | 0.0 0<br>0.8 24 | 24 Su | 0617<br>1900 | 0.0 0<br>0.9 27 |
| 10 Su | 0726<br>2005 | 0.0 0<br>0.8 24 | 25 M | 0716<br>1948 | −0.1 −3<br>1.0 30 |
| 11 M | 0822<br>2039 | −0.1 −3<br>0.8 24 | 26 Tu | 0820<br>2033 | −0.1 −3<br>1.0 30 |
| 12 Tu | 0917<br>2110 | −0.1 −3<br>0.9 27 | 27 W | 0925<br>2113 | 0.0 0<br>1.0 30 |
| 13 W | 1007<br>2136 | −0.1 −3<br>0.9 27 | 28 Th | 1027<br>2146 | 0.0 0<br>1.0 30 |
| 14 Th | 1052<br>2155 | 0.0 0<br>0.9 27 | 29 F | 1125<br>2203 | 0.1 3<br>0.9 27 |
| 15 F | 1133<br>2207 | 0.0 0<br>0.9 27 | 30 Sa ● | 1220<br>2152 | 0.3 9<br>0.8 24 |
| | | | 31 Su | 1314<br>2112 | 0.4 12<br>0.7 21 |

## September

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 M | 0236<br>0721<br>1411<br>2015 | 0.6 18<br>0.7 21<br>0.5 15<br>0.6 18 | 16 Tu | 0205<br>0903<br>1456<br>1831 | 0.5 15<br>0.7 21<br>0.6 18<br>0.7 21 |
| 2 Tu | 0226<br>0928<br>1517<br>1906 | 0.5 15<br>0.7 21<br>0.5 15<br>0.6 18 | 17 W | 0206<br>1039 | 0.4 12<br>0.8 24 |
| 3 W | 0245<br>1115 | 0.4 12<br>0.7 21 | 18 Th | 0226<br>1218 | 0.3 9<br>0.9 27 |
| 4 Th | 0315<br>1317 | 0.2 6<br>0.7 21 | 19 F | 0259<br>1410 | 0.1 3<br>0.9 27 |
| 5 F | 0352<br>1601 | 0.2 6<br>0.8 24 | 20 Sa | 0342<br>1554 | 0.1 3<br>1.0 30 |
| 6 Sa | 0437<br>1727 | 0.1 3<br>0.8 24 | 21 Su | 0433<br>1713 | 0.0 0<br>1.0 30 |
| 7 Su ◐ | 0528<br>1824 | 0.1 3<br>0.8 24 | 22 M ◑ | 0530<br>1814 | 0.0 0<br>1.0 30 |
| 8 M | 0625<br>1909 | 0.1 3<br>0.9 27 | 23 Tu | 0632<br>1905 | 0.1 3<br>1.0 30 |
| 9 Tu | 0725<br>1944 | 0.1 3<br>0.9 27 | 24 W | 0739<br>1945 | 0.1 3<br>1.0 30 |
| 10 W | 0826<br>2011 | 0.1 3<br>0.9 27 | 25 Th | 0850<br>2010 | 0.2 6<br>0.9 27 |
| 11 Th | 0923<br>2029 | 0.2 6<br>0.9 27 | 26 F | 1007<br>2008 | 0.4 12<br>0.8 24 |
| 12 F | 1019<br>2038 | 0.3 9<br>0.9 27 | 27 Sa | 1131<br>1930 | 0.5 15<br>0.7 21 |
| 13 Sa | 1114<br>2036 | 0.4 12<br>0.9 27 | 28 Su | 0102<br>0625<br>1308<br>1823 | 0.6 18<br>0.7 21<br>0.6 18<br>0.7 21 |
| 14 Su | 1214<br>2019 | 0.5 15<br>0.8 24 | 29 M ● | 0035<br>0815 | 0.5 15<br>0.8 24 |
| 15 M ○ | 0242<br>0704<br>1323<br>1943 | 0.6 18<br>0.7 21<br>0.6 18<br>0.7 21 | 30 Tu | 0047<br>0929 | 0.4 12<br>0.9 27 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Lime Tree Bay, St. Croix Island, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 W | 0111 | 0.3 | 9 |
| | 1032 | 0.9 | 27 |
| 2 Th | 0142 | 0.2 | 6 |
| | 1136 | 0.9 | 27 |
| 3 F | 0218 | 0.1 | 3 |
| | 1250 | 0.9 | 27 |
| 4 Sa | 0258 | 0.1 | 3 |
| | 1419 | 0.9 | 27 |
| 5 Su | 0342 | 0.1 | 3 |
| | 1547 | 0.9 | 27 |
| 6 M | 0429 | 0.1 | 3 |
| | 1653 | 0.9 | 27 |
| 7 Tu ◐ | 0517 | 0.1 | 3 |
| | 1738 | 0.9 | 27 |
| 8 W | 0606 | 0.2 | 6 |
| | 1808 | 0.9 | 27 |
| 9 Th | 0658 | 0.3 | 9 |
| | 1825 | 0.9 | 27 |
| 10 F | 0758 | 0.4 | 12 |
| | 1829 | 0.9 | 27 |
| 11 Sa | 0924 | 0.5 | 15 |
| | 1817 | 0.8 | 24 |
| 12 Su | 0134 | 0.6 | 18 |
| | 0636 | 0.7 | 21 |
| | 1133 | 0.6 | 18 |
| | 1737 | 0.7 | 21 |
| 13 M | 0031 | 0.5 | 15 |
| | 0809 | 0.8 | 24 |
| 14 Tu ○ | 0020 | 0.4 | 12 |
| | 0913 | 0.9 | 27 |
| 15 W | 0032 | 0.3 | 9 |
| | 1013 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 Th | 0100 | 0.1 | 3 |
| | 1118 | 1.0 | 30 |
| 17 F | 0136 | 0.0 | 0 |
| | 1231 | 1.0 | 30 |
| 18 Sa | 0220 | 0.0 | 0 |
| | 1351 | 1.1 | 34 |
| 19 Su | 0307 | −0.1 | −3 |
| | 1510 | 1.1 | 34 |
| 20 M | 0357 | 0.0 | 0 |
| | 1618 | 1.0 | 30 |
| 21 Tu ◑ | 0447 | 0.1 | 3 |
| | 1711 | 1.0 | 30 |
| 22 W | 0536 | 0.2 | 6 |
| | 1744 | 0.9 | 27 |
| 23 Th | 0626 | 0.3 | 9 |
| | 1747 | 0.8 | 24 |
| 24 F | 0719 | 0.5 | 15 |
| | 1706 | 0.8 | 24 |
| 25 Sa | 0052 | 0.6 | 18 |
| | 0626 | 0.7 | 21 |
| | 0936 | 0.6 | 18 |
| | 1535 | 0.7 | 21 |
| | 2319 | 0.5 | 15 |
| 26 Su | 0801 | 0.8 | 24 |
| | 2316 | 0.4 | 12 |
| 27 M | 0845 | 0.9 | 27 |
| | 2334 | 0.3 | 9 |
| 28 Tu ● | 0926 | 0.9 | 27 |
| 29 W | 0000 | 0.1 | 3 |
| | 1007 | 0.9 | 27 |
| 30 Th | 0032 | 0.1 | 3 |
| | 1052 | 0.9 | 27 |
| 31 F | 0107 | 0.0 | 0 |
| | 1142 | 0.9 | 27 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Sa | 0144 | 0.0 | 0 |
| | 1239 | 0.9 | 27 |
| 2 Su | 0223 | 0.0 | 0 |
| | 1337 | 0.9 | 27 |
| 3 M | 0301 | 0.0 | 0 |
| | 1430 | 0.9 | 27 |
| 4 Tu | 0336 | 0.1 | 3 |
| | 1511 | 0.9 | 27 |
| 5 W | 0408 | 0.2 | 6 |
| | 1538 | 0.9 | 27 |
| 6 Th ◐ | 0433 | 0.3 | 9 |
| | 1551 | 0.9 | 27 |
| 7 F | 0440 | 0.4 | 12 |
| | 1546 | 0.8 | 24 |
| 8 Sa | 0231 | 0.5 | 15 |
| | 1512 | 0.7 | 21 |
| | 2349 | 0.5 | 15 |
| 9 Su | 1252 | 0.7 | 21 |
| | 2305 | 0.4 | 12 |
| 10 M | 0845 | 0.8 | 24 |
| | 2301 | 0.2 | 6 |
| 11 Tu | 0907 | 0.9 | 27 |
| | 2319 | 0.1 | 3 |
| 12 W | 0947 | 1.0 | 30 |
| | 2350 | 0.0 | 0 |
| 13 Th ○ | 1038 | 1.0 | 30 |
| 14 F | 0030 | −0.1 | −3 |
| | 1135 | 1.1 | 34 |
| 15 Sa | 0114 | −0.2 | −6 |
| | 1236 | 1.1 | 34 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 Su | 0159 | −0.2 | −6 |
| | 1336 | 1.1 | 34 |
| 17 M | 0244 | −0.1 | −3 |
| | 1430 | 1.0 | 30 |
| 18 Tu | 0326 | 0.0 | 0 |
| | 1509 | 0.9 | 27 |
| 19 W ◑ | 0402 | 0.1 | 3 |
| | 1521 | 0.9 | 27 |
| 20 Th | 0424 | 0.3 | 9 |
| | 1451 | 0.8 | 24 |
| 21 F | 0353 | 0.4 | 12 |
| | 1337 | 0.7 | 21 |
| | 2248 | 0.5 | 15 |
| 22 Sa | 1136 | 0.7 | 21 |
| | 2157 | 0.3 | 9 |
| 23 Su | 0915 | 0.7 | 21 |
| | 2204 | 0.2 | 6 |
| 24 M | 0859 | 0.8 | 24 |
| | 2228 | 0.1 | 3 |
| 25 Tu | 0917 | 0.9 | 27 |
| | 2258 | 0.0 | 0 |
| 26 W | 0947 | 0.9 | 27 |
| | 2333 | −0.1 | −3 |
| 27 Th ● | 1023 | 0.9 | 27 |
| 28 F | 0010 | −0.2 | −6 |
| | 1102 | 0.9 | 27 |
| 29 Sa | 0047 | −0.2 | −6 |
| | 1144 | 0.9 | 27 |
| 30 Su | 0123 | −0.2 | −6 |
| | 1223 | 0.9 | 27 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 M | 0157 | −0.1 | −3 |
| | 1256 | 0.9 | 27 |
| 2 Tu | 0227 | −0.1 | −3 |
| | 1322 | 0.9 | 27 |
| 3 W | 0251 | 0.0 | 0 |
| | 1337 | 0.8 | 24 |
| 4 Th | 0307 | 0.1 | 3 |
| | 1340 | 0.8 | 24 |
| 5 F ◐ | 0301 | 0.3 | 9 |
| | 1325 | 0.7 | 21 |
| 6 Sa | 0101 | 0.4 | 12 |
| | 1239 | 0.7 | 21 |
| | 2221 | 0.3 | 9 |
| 7 Su | 1050 | 0.6 | 18 |
| | 2144 | 0.2 | 6 |
| 8 M | 0854 | 0.7 | 21 |
| | 2147 | 0.1 | 3 |
| 9 Tu | 0848 | 0.8 | 24 |
| | 2210 | −0.1 | −3 |
| 10 W | 0917 | 0.9 | 27 |
| | 2246 | −0.2 | −6 |
| 11 Th | 1000 | 1.0 | 30 |
| | 2330 | −0.3 | −9 |
| 12 F ○ | 1049 | 1.0 | 30 |
| 13 Sa | 0016 | −0.4 | −12 |
| | 1140 | 1.0 | 30 |
| 14 Su | 0102 | −0.4 | −12 |
| | 1228 | 1.0 | 30 |
| 15 M | 0147 | −0.3 | −9 |
| | 1309 | 0.9 | 27 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 Tu | 0226 | −0.2 | −6 |
| | 1332 | 0.8 | 24 |
| 17 W | 0259 | 0.0 | 0 |
| | 1326 | 0.7 | 21 |
| 18 Th | 0317 | 0.2 | 6 |
| | 1243 | 0.6 | 18 |
| 19 F ◑ | 0246 | 0.3 | 9 |
| | 1135 | 0.6 | 18 |
| | 2041 | 0.3 | 9 |
| 20 Sa | 1014 | 0.6 | 18 |
| | 2021 | 0.2 | 6 |
| 21 Su | 0904 | 0.6 | 18 |
| | 2042 | 0.0 | 0 |
| 22 M | 0843 | 0.7 | 21 |
| | 2114 | −0.1 | −3 |
| 23 Tu | 0855 | 0.7 | 21 |
| | 2153 | −0.2 | −6 |
| 24 W | 0922 | 0.7 | 21 |
| | 2234 | −0.3 | −9 |
| 25 Th | 0954 | 0.7 | 21 |
| | 2316 | −0.3 | −9 |
| 26 F | 1028 | 0.8 | 24 |
| | 2356 | −0.3 | −9 |
| 27 Sa ● | 1101 | 0.8 | 24 |
| 28 Su | 0033 | −0.3 | −9 |
| | 1128 | 0.8 | 24 |
| 29 M | 0106 | −0.2 | −6 |
| | 1150 | 0.8 | 24 |
| 30 Tu | 0135 | −0.2 | −6 |
| | 1203 | 0.7 | 21 |
| 31 W | 0159 | −0.1 | −3 |
| | 1209 | 0.7 | 21 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to mean lower low water which is the chart datum of soundings.

# Isla Zapara (Malecon), Venezuela, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0019 | 3.9 | 119 |
| | 0629 | 1.7 | 52 |
| | 1238 | 4.3 | 131 |
| | 1912 | 1.2 | 37 |
| **2** W | 0109 | 3.8 | 116 |
| | 0713 | 1.9 | 58 |
| | 1314 | 4.3 | 131 |
| | 1954 | 1.1 | 34 |
| **3** Th | 0154 | 3.7 | 113 |
| | 0752 | 2.0 | 61 |
| | 1349 | 4.2 | 128 |
| | 2031 | 1.0 | 30 |
| **4** F | 0236 | 3.7 | 113 |
| | 0825 | 2.0 | 61 |
| | 1425 | 4.2 | 128 |
| | 2106 | 0.9 | 27 |
| **5** Sa | 0316 | 3.7 | 113 |
| | 0856 | 2.1 | 64 |
| | 1500 | 4.3 | 131 |
| | 2139 | 0.9 | 27 |
| **6** Su | 0356 | 3.7 | 113 |
| | 0927 | 2.1 | 64 |
| | 1537 | 4.3 | 131 |
| | 2213 | 0.9 | 27 |
| **7** M | 0438 | 3.7 | 113 |
| | 1000 | 2.2 | 67 |
| | 1615 | 4.3 | 131 |
| | 2248 | 0.9 | 27 |
| **8** Tu ● | 0521 | 3.7 | 113 |
| | 1038 | 2.2 | 67 |
| | 1655 | 4.3 | 131 |
| | 2325 | 0.9 | 27 |
| **9** W | 0604 | 3.7 | 113 |
| | 1121 | 2.2 | 67 |
| | 1736 | 4.3 | 131 |
| **10** Th | 0004 | 0.9 | 27 |
| | 0648 | 3.8 | 116 |
| | 1210 | 2.2 | 67 |
| | 1821 | 4.3 | 131 |
| **11** F | 0046 | 1.0 | 30 |
| | 0731 | 3.8 | 116 |
| | 1304 | 2.1 | 64 |
| | 1910 | 4.2 | 128 |
| **12** Sa | 0130 | 1.1 | 34 |
| | 0814 | 3.9 | 119 |
| | 1401 | 2.0 | 61 |
| | 2004 | 4.1 | 125 |
| **13** Su | 0217 | 1.2 | 37 |
| | 0857 | 4.0 | 122 |
| | 1501 | 1.7 | 52 |
| | 2103 | 4.0 | 122 |
| **14** M | 0307 | 1.4 | 43 |
| | 0943 | 4.1 | 125 |
| | 1600 | 1.4 | 43 |
| | 2206 | 3.9 | 119 |
| **15** Tu ◐ | 0400 | 1.5 | 46 |
| | 1030 | 4.2 | 128 |
| | 1659 | 1.1 | 34 |
| | 2309 | 3.9 | 119 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0456 | 1.5 | 46 |
| | 1120 | 4.4 | 134 |
| | 1756 | 0.7 | 21 |
| **17** Th | 0012 | 3.9 | 119 |
| | 0554 | 1.6 | 49 |
| | 1212 | 4.5 | 137 |
| | 1853 | 0.4 | 12 |
| **18** F | 0113 | 4.0 | 122 |
| | 0653 | 1.6 | 49 |
| | 1306 | 4.6 | 140 |
| | 1948 | 0.2 | 6 |
| **19** Sa | 0212 | 4.0 | 122 |
| | 0751 | 1.6 | 49 |
| | 1400 | 4.7 | 143 |
| | 2044 | 0.1 | 3 |
| **20** Su | 0310 | 4.0 | 122 |
| | 0850 | 1.6 | 49 |
| | 1456 | 4.8 | 146 |
| | 2139 | 0.1 | 3 |
| **21** M | 0407 | 4.0 | 122 |
| | 0950 | 1.6 | 49 |
| | 1552 | 4.8 | 146 |
| | 2235 | 0.2 | 6 |
| **22** Tu ○ | 0505 | 4.0 | 122 |
| | 1052 | 1.7 | 52 |
| | 1649 | 4.7 | 143 |
| | 2331 | 0.4 | 12 |
| **23** W | 0604 | 4.0 | 122 |
| | 1155 | 1.7 | 52 |
| | 1748 | 4.6 | 140 |
| **24** Th | 0029 | 0.6 | 18 |
| | 0702 | 4.0 | 122 |
| | 1300 | 1.7 | 52 |
| | 1849 | 4.4 | 134 |
| **25** F | 0127 | 0.9 | 27 |
| | 0800 | 4.0 | 122 |
| | 1405 | 1.7 | 52 |
| | 1953 | 4.2 | 128 |
| **26** Sa | 0226 | 1.2 | 37 |
| | 0856 | 4.0 | 122 |
| | 1509 | 1.6 | 49 |
| | 2058 | 4.0 | 122 |
| **27** Su | 0326 | 1.4 | 43 |
| | 0948 | 3.9 | 119 |
| | 1609 | 1.4 | 43 |
| | 2201 | 3.8 | 116 |
| **28** M | 0424 | 1.6 | 49 |
| | 1036 | 3.9 | 119 |
| | 1703 | 1.3 | 40 |
| | 2300 | 3.7 | 113 |
| **29** Tu | 0517 | 1.7 | 52 |
| | 1119 | 3.9 | 119 |
| | 1751 | 1.1 | 34 |
| | 2353 | 3.6 | 110 |
| **30** W ◑ | 0605 | 1.8 | 55 |
| | 1158 | 3.9 | 119 |
| | 1834 | 1.0 | 30 |
| **31** Th | 0039 | 3.6 | 110 |
| | 0645 | 1.9 | 58 |
| | 1236 | 3.9 | 119 |
| | 1912 | 0.9 | 27 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0120 | 3.6 | 110 |
| | 0718 | 1.9 | 58 |
| | 1312 | 4.0 | 122 |
| | 1947 | 0.9 | 27 |
| **2** Sa | 0159 | 3.6 | 110 |
| | 0747 | 1.9 | 58 |
| | 1348 | 4.1 | 125 |
| | 2019 | 0.8 | 24 |
| **3** Su | 0237 | 3.6 | 110 |
| | 0816 | 1.9 | 58 |
| | 1425 | 4.2 | 128 |
| | 2052 | 0.8 | 24 |
| **4** M | 0315 | 3.7 | 113 |
| | 0848 | 1.8 | 55 |
| | 1502 | 4.3 | 131 |
| | 2126 | 0.7 | 21 |
| **5** Tu | 0353 | 3.7 | 113 |
| | 0924 | 1.8 | 55 |
| | 1541 | 4.3 | 131 |
| | 2203 | 0.7 | 21 |
| **6** W ● | 0432 | 3.8 | 116 |
| | 1005 | 1.8 | 55 |
| | 1622 | 4.4 | 134 |
| | 2241 | 0.8 | 24 |
| **7** Th | 0512 | 3.8 | 116 |
| | 1051 | 1.7 | 52 |
| | 1706 | 4.3 | 131 |
| | 2323 | 0.9 | 27 |
| **8** F | 0553 | 3.8 | 116 |
| | 1142 | 1.6 | 49 |
| | 1755 | 4.2 | 128 |
| **9** Sa | 0008 | 1.0 | 30 |
| | 0636 | 3.9 | 119 |
| | 1237 | 1.5 | 46 |
| | 1850 | 4.1 | 125 |
| **10** Su | 0056 | 1.2 | 37 |
| | 0723 | 3.9 | 119 |
| | 1337 | 1.3 | 40 |
| | 1950 | 4.0 | 122 |
| **11** M | 0150 | 1.3 | 40 |
| | 0814 | 3.9 | 119 |
| | 1440 | 1.0 | 30 |
| | 2056 | 3.9 | 119 |
| **12** Tu | 0249 | 1.5 | 46 |
| | 0910 | 4.0 | 122 |
| | 1543 | 0.8 | 24 |
| | 2204 | 3.8 | 116 |
| **13** W ◐ | 0351 | 1.5 | 46 |
| | 1008 | 4.0 | 122 |
| | 1644 | 0.5 | 15 |
| | 2310 | 3.8 | 116 |
| **14** Th | 0455 | 1.5 | 46 |
| | 1107 | 4.2 | 128 |
| | 1744 | 0.3 | 9 |
| **15** F | 0013 | 3.9 | 119 |
| | 0558 | 1.5 | 46 |
| | 1206 | 4.3 | 131 |
| | 1842 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0112 | 3.9 | 119 |
| | 0658 | 1.5 | 46 |
| | 1302 | 4.4 | 134 |
| | 1938 | 0.1 | 3 |
| **17** Su | 0208 | 4.0 | 122 |
| | 0756 | 1.4 | 43 |
| | 1358 | 4.5 | 137 |
| | 2032 | 0.1 | 3 |
| **18** M | 0301 | 4.0 | 122 |
| | 0852 | 1.4 | 43 |
| | 1452 | 4.6 | 140 |
| | 2126 | 0.2 | 6 |
| **19** Tu | 0353 | 4.0 | 122 |
| | 0948 | 1.4 | 43 |
| | 1546 | 4.5 | 137 |
| | 2219 | 0.5 | 15 |
| **20** W ○ | 0444 | 3.9 | 119 |
| | 1045 | 1.4 | 43 |
| | 1642 | 4.4 | 134 |
| | 2313 | 0.8 | 24 |
| **21** Th | 0535 | 3.9 | 119 |
| | 1143 | 1.4 | 43 |
| | 1738 | 4.2 | 128 |
| **22** F | 0007 | 1.1 | 34 |
| | 0626 | 3.8 | 116 |
| | 1242 | 1.3 | 40 |
| | 1837 | 4.0 | 122 |
| **23** Sa | 0105 | 1.3 | 40 |
| | 0718 | 3.7 | 113 |
| | 1341 | 1.3 | 40 |
| | 1939 | 3.8 | 116 |
| **24** Su | 0204 | 1.6 | 49 |
| | 0809 | 3.6 | 110 |
| | 1439 | 1.2 | 37 |
| | 2042 | 3.6 | 110 |
| **25** M | 0306 | 1.8 | 55 |
| | 0900 | 3.5 | 107 |
| | 1533 | 1.2 | 37 |
| | 2142 | 3.5 | 107 |
| **26** Tu | 0405 | 1.8 | 55 |
| | 0948 | 3.5 | 107 |
| | 1623 | 1.1 | 34 |
| | 2236 | 3.5 | 107 |
| **27** W | 0457 | 1.9 | 58 |
| | 1033 | 3.5 | 107 |
| | 1708 | 1.0 | 30 |
| | 2323 | 3.5 | 107 |
| **28** Th ◑ | 0540 | 1.9 | 58 |
| | 1115 | 3.5 | 107 |
| | 1747 | 0.9 | 27 |
| **29** F | 0005 | 3.5 | 107 |
| | 0614 | 1.8 | 55 |
| | 1155 | 3.6 | 110 |
| | 1822 | 0.9 | 27 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0043 | 3.5 | 107 |
| | 0642 | 1.8 | 55 |
| | 1233 | 3.8 | 116 |
| | 1855 | 0.8 | 24 |
| **2** Su | 0119 | 3.6 | 110 |
| | 0709 | 1.7 | 52 |
| | 1310 | 3.9 | 119 |
| | 1928 | 0.7 | 21 |
| **3** M | 0155 | 3.7 | 113 |
| | 0739 | 1.6 | 49 |
| | 1348 | 4.1 | 125 |
| | 2002 | 0.7 | 21 |
| **4** Tu | 0230 | 3.8 | 116 |
| | 0814 | 1.5 | 46 |
| | 1427 | 4.2 | 128 |
| | 2039 | 0.7 | 21 |
| **5** W | 0305 | 3.9 | 119 |
| | 0853 | 1.4 | 43 |
| | 1509 | 4.3 | 131 |
| | 2117 | 0.7 | 21 |
| **6** Th | 0342 | 3.9 | 119 |
| | 0937 | 1.2 | 37 |
| | 1553 | 4.3 | 131 |
| | 2159 | 0.8 | 24 |
| **7** F ● | 0420 | 4.0 | 122 |
| | 1026 | 1.1 | 34 |
| | 1643 | 4.2 | 128 |
| | 2244 | 1.0 | 30 |
| **8** Sa | 0501 | 4.0 | 122 |
| | 1119 | 0.9 | 27 |
| | 1737 | 4.1 | 125 |
| | 2334 | 1.1 | 34 |
| **9** Su | 0547 | 4.0 | 122 |
| | 1216 | 0.7 | 21 |
| | 1838 | 4.0 | 122 |
| **10** M | 0029 | 1.3 | 40 |
| | 0639 | 3.9 | 119 |
| | 1317 | 0.5 | 15 |
| | 1944 | 3.9 | 119 |
| **11** Tu | 0132 | 1.5 | 46 |
| | 0739 | 3.9 | 119 |
| | 1421 | 0.4 | 12 |
| | 2053 | 3.8 | 116 |
| **12** W | 0240 | 1.6 | 49 |
| | 0844 | 3.9 | 119 |
| | 1525 | 0.2 | 6 |
| | 2203 | 3.8 | 116 |
| **13** Th | 0350 | 1.6 | 49 |
| | 0952 | 3.9 | 119 |
| | 1628 | 0.1 | 3 |
| | 2309 | 3.9 | 119 |
| **14** F ◐ | 0459 | 1.5 | 46 |
| | 1057 | 4.1 | 125 |
| | 1729 | 0.0 | 0 |
| **15** Sa | 0009 | 4.0 | 122 |
| | 0602 | 1.4 | 43 |
| | 1159 | 4.2 | 128 |
| | 1828 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0105 | 4.1 | 125 |
| | 0701 | 1.3 | 40 |
| | 1258 | 4.3 | 131 |
| | 1923 | 0.1 | 3 |
| **17** M | 0157 | 4.1 | 125 |
| | 0757 | 1.2 | 37 |
| | 1354 | 4.3 | 131 |
| | 2017 | 0.3 | 9 |
| **18** Tu | 0246 | 4.1 | 125 |
| | 0851 | 1.1 | 34 |
| | 1448 | 4.3 | 131 |
| | 2109 | 0.6 | 18 |
| **19** W | 0332 | 4.0 | 122 |
| | 0944 | 1.0 | 30 |
| | 1542 | 4.2 | 128 |
| | 2200 | 0.9 | 27 |
| **20** Th | 0417 | 3.9 | 119 |
| | 1037 | 1.0 | 30 |
| | 1637 | 4.0 | 122 |
| | 2252 | 1.2 | 37 |
| **21** F ○ | 0500 | 3.8 | 116 |
| | 1129 | 1.0 | 30 |
| | 1732 | 3.8 | 116 |
| | 2346 | 1.5 | 46 |
| **22** Sa | 0544 | 3.7 | 113 |
| | 1221 | 1.0 | 30 |
| | 1830 | 3.7 | 113 |
| **23** Su | 0043 | 1.8 | 55 |
| | 0630 | 3.5 | 107 |
| | 1313 | 1.0 | 30 |
| | 1928 | 3.5 | 107 |
| **24** M | 0144 | 1.9 | 58 |
| | 0717 | 3.3 | 101 |
| | 1403 | 0.9 | 27 |
| | 2026 | 3.4 | 104 |
| **25** Tu | 0246 | 2.0 | 61 |
| | 0806 | 3.2 | 98 |
| | 1451 | 0.9 | 27 |
| | 2120 | 3.4 | 104 |
| **26** W | 0344 | 2.1 | 64 |
| | 0856 | 3.2 | 98 |
| | 1535 | 0.9 | 27 |
| | 2209 | 3.4 | 104 |
| **27** Th | 0432 | 2.0 | 61 |
| | 0944 | 3.2 | 98 |
| | 1615 | 0.9 | 27 |
| | 2251 | 3.5 | 107 |
| **28** F | 0509 | 2.0 | 61 |
| | 1028 | 3.3 | 101 |
| | 1652 | 0.9 | 27 |
| | 2330 | 3.6 | 110 |
| **29** Sa ◑ | 0538 | 1.9 | 58 |
| | 1110 | 3.4 | 104 |
| | 1727 | 0.8 | 24 |
| **30** Su | 0005 | 3.6 | 110 |
| | 0605 | 1.8 | 55 |
| | 1151 | 3.6 | 110 |
| | 1801 | 0.8 | 24 |
| **31** M | 0039 | 3.8 | 116 |
| | 0633 | 1.7 | 52 |
| | 1231 | 3.8 | 116 |
| | 1836 | 0.8 | 24 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Isla Zapara (Malecon), Venezuela, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0112 | 3.9 | 119 |
| | 0707 | 1.5 | 46 |
| | 1311 | 3.9 | 119 |
| | 1913 | 0.8 | 24 |
| **2** W | 0144 | 4.0 | 122 |
| | 0745 | 1.3 | 40 |
| | 1354 | 4.1 | 125 |
| | 1952 | 0.8 | 24 |
| **3** Th | 0218 | 4.1 | 125 |
| | 0828 | 1.0 | 30 |
| | 1440 | 4.1 | 125 |
| | 2035 | 0.9 | 27 |
| **4** F | 0254 | 4.2 | 128 |
| | 0914 | 0.7 | 21 |
| | 1530 | 4.1 | 125 |
| | 2120 | 1.0 | 30 |
| **5** Sa ● | 0333 | 4.2 | 128 |
| | 1005 | 0.4 | 12 |
| | 1625 | 4.1 | 125 |
| | 2210 | 1.2 | 37 |
| **6** Su | 0418 | 4.2 | 128 |
| | 1059 | 0.2 | 6 |
| | 1725 | 4.0 | 122 |
| | 2306 | 1.4 | 43 |
| **7** M | 0509 | 4.2 | 128 |
| | 1157 | 0.0 | 0 |
| | 1829 | 4.0 | 122 |
| **8** Tu | 0009 | 1.5 | 46 |
| | 0607 | 4.1 | 125 |
| | 1259 | −0.1 | −3 |
| | 1938 | 3.9 | 119 |
| **9** W | 0119 | 1.7 | 52 |
| | 0713 | 4.0 | 122 |
| | 1402 | −0.1 | −3 |
| | 2048 | 4.0 | 122 |
| **10** Th | 0234 | 1.7 | 52 |
| | 0824 | 4.0 | 122 |
| | 1507 | −0.1 | −3 |
| | 2157 | 4.0 | 122 |
| **11** F | 0348 | 1.6 | 49 |
| | 0936 | 4.0 | 122 |
| | 1610 | −0.1 | −3 |
| | 2300 | 4.2 | 128 |
| **12** Sa ◐ | 0457 | 1.5 | 46 |
| | 1045 | 4.1 | 125 |
| | 1711 | 0.0 | 0 |
| | 2358 | 4.3 | 131 |
| **13** Su | 0600 | 1.3 | 40 |
| | 1149 | 4.1 | 125 |
| | 1809 | 0.2 | 6 |
| **14** M | 0051 | 4.3 | 131 |
| | 0658 | 1.1 | 34 |
| | 1250 | 4.1 | 125 |
| | 1905 | 0.4 | 12 |
| **15** Tu | 0139 | 4.3 | 131 |
| | 0753 | 1.0 | 30 |
| | 1347 | 4.1 | 125 |
| | 1958 | 0.7 | 21 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0224 | 4.3 | 131 |
| | 0845 | 0.8 | 24 |
| | 1443 | 4.0 | 122 |
| | 2049 | 1.1 | 34 |
| **17** Th | 0305 | 4.2 | 128 |
| | 0935 | 0.7 | 21 |
| | 1538 | 3.9 | 119 |
| | 2139 | 1.4 | 43 |
| **18** F | 0345 | 4.0 | 122 |
| | 1024 | 0.7 | 21 |
| | 1633 | 3.7 | 113 |
| | 2230 | 1.7 | 52 |
| **19** Sa | 0423 | 3.9 | 119 |
| | 1110 | 0.7 | 21 |
| | 1727 | 3.6 | 110 |
| | 2322 | 2.0 | 61 |
| **20** Su ○ | 0501 | 3.7 | 113 |
| | 1156 | 0.7 | 21 |
| | 1821 | 3.5 | 107 |
| **21** M | 0018 | 2.2 | 67 |
| | 0542 | 3.5 | 107 |
| | 1240 | 0.7 | 21 |
| | 1914 | 3.4 | 104 |
| **22** Tu | 0117 | 2.3 | 70 |
| | 0627 | 3.3 | 101 |
| | 1322 | 0.8 | 24 |
| | 2006 | 3.4 | 104 |
| **23** W | 0216 | 2.3 | 70 |
| | 0714 | 3.2 | 98 |
| | 1403 | 0.8 | 24 |
| | 2053 | 3.5 | 107 |
| **24** Th | 0309 | 2.3 | 70 |
| | 0803 | 3.2 | 98 |
| | 1442 | 0.8 | 24 |
| | 2137 | 3.5 | 107 |
| **25** F | 0353 | 2.3 | 70 |
| | 0851 | 3.2 | 98 |
| | 1519 | 0.9 | 27 |
| | 2217 | 3.6 | 110 |
| **26** Sa | 0427 | 2.2 | 67 |
| | 0938 | 3.3 | 101 |
| | 1555 | 0.9 | 27 |
| | 2254 | 3.7 | 113 |
| **27** Su | 0457 | 2.1 | 64 |
| | 1023 | 3.4 | 104 |
| | 1631 | 0.9 | 27 |
| | 2327 | 3.9 | 119 |
| **28** M ◑ | 0526 | 2.0 | 61 |
| | 1107 | 3.6 | 110 |
| | 1708 | 0.9 | 27 |
| | 2358 | 4.0 | 122 |
| **29** Tu | 0600 | 1.7 | 52 |
| | 1151 | 3.7 | 113 |
| | 1746 | 0.9 | 27 |
| **30** W | 0029 | 4.1 | 125 |
| | 0638 | 1.4 | 43 |
| | 1238 | 3.8 | 116 |
| | 1827 | 1.0 | 30 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0100 | 4.3 | 131 |
| | 0720 | 1.0 | 30 |
| | 1326 | 3.9 | 119 |
| | 1910 | 1.0 | 30 |
| **2** F | 0135 | 4.4 | 134 |
| | 0806 | 0.6 | 18 |
| | 1418 | 4.0 | 122 |
| | 1957 | 1.2 | 37 |
| **3** Sa | 0213 | 4.5 | 137 |
| | 0855 | 0.3 | 9 |
| | 1513 | 4.0 | 122 |
| | 2048 | 1.3 | 40 |
| **4** Su | 0257 | 4.6 | 140 |
| | 0947 | 0.0 | 0 |
| | 1612 | 4.0 | 122 |
| | 2143 | 1.5 | 46 |
| **5** M ● | 0346 | 4.5 | 137 |
| | 1042 | −0.2 | −6 |
| | 1715 | 4.0 | 122 |
| | 2244 | 1.6 | 49 |
| **6** Tu | 0442 | 4.5 | 137 |
| | 1141 | −0.4 | −12 |
| | 1821 | 4.0 | 122 |
| | 2353 | 1.8 | 55 |
| **7** W | 0545 | 4.4 | 134 |
| | 1242 | −0.4 | −12 |
| | 1929 | 4.1 | 125 |
| **8** Th | 0107 | 1.9 | 58 |
| | 0653 | 4.2 | 128 |
| | 1344 | −0.3 | −9 |
| | 2038 | 4.2 | 128 |
| **9** F | 0224 | 1.8 | 55 |
| | 0805 | 4.2 | 128 |
| | 1448 | −0.2 | −6 |
| | 2144 | 4.3 | 131 |
| **10** Sa | 0339 | 1.7 | 52 |
| | 0918 | 4.1 | 125 |
| | 1550 | 0.0 | 0 |
| | 2245 | 4.4 | 134 |
| **11** Su ◐ | 0448 | 1.5 | 46 |
| | 1028 | 4.1 | 125 |
| | 1650 | 0.3 | 9 |
| | 2340 | 4.6 | 140 |
| **12** M | 0551 | 1.3 | 40 |
| | 1135 | 4.1 | 125 |
| | 1748 | 0.6 | 18 |
| **13** Tu | 0030 | 4.6 | 140 |
| | 0649 | 1.0 | 30 |
| | 1239 | 4.0 | 122 |
| | 1843 | 0.9 | 27 |
| **14** W | 0115 | 4.6 | 140 |
| | 0743 | 0.8 | 24 |
| | 1339 | 3.9 | 119 |
| | 1936 | 1.3 | 40 |
| **15** Th | 0157 | 4.5 | 137 |
| | 0833 | 0.7 | 21 |
| | 1437 | 3.8 | 116 |
| | 2027 | 1.6 | 49 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0235 | 4.3 | 131 |
| | 0920 | 0.6 | 18 |
| | 1532 | 3.7 | 113 |
| | 2116 | 1.9 | 58 |
| **17** Sa | 0311 | 4.2 | 128 |
| | 1004 | 0.5 | 15 |
| | 1624 | 3.6 | 110 |
| | 2205 | 2.1 | 64 |
| **18** Su | 0347 | 4.0 | 122 |
| | 1046 | 0.5 | 15 |
| | 1714 | 3.6 | 110 |
| | 2253 | 2.3 | 70 |
| **19** M ○ | 0423 | 3.8 | 116 |
| | 1125 | 0.6 | 18 |
| | 1802 | 3.5 | 107 |
| | 2343 | 2.4 | 73 |
| **20** Tu | 0502 | 3.7 | 113 |
| | 1203 | 0.6 | 18 |
| | 1849 | 3.5 | 107 |
| **21** W | 0033 | 2.5 | 76 |
| | 0543 | 3.6 | 110 |
| | 1239 | 0.7 | 21 |
| | 1934 | 3.6 | 110 |
| **22** Th | 0123 | 2.6 | 79 |
| | 0627 | 3.5 | 107 |
| | 1315 | 0.8 | 24 |
| | 2019 | 3.6 | 110 |
| **23** F | 0211 | 2.6 | 79 |
| | 0713 | 3.5 | 107 |
| | 1350 | 0.8 | 24 |
| | 2101 | 3.7 | 113 |
| **24** Sa | 0254 | 2.6 | 79 |
| | 0800 | 3.5 | 107 |
| | 1426 | 0.9 | 27 |
| | 2140 | 3.8 | 116 |
| **25** Su | 0333 | 2.5 | 76 |
| | 0847 | 3.5 | 107 |
| | 1503 | 1.0 | 30 |
| | 2215 | 4.0 | 122 |
| **26** M | 0411 | 2.3 | 70 |
| | 0936 | 3.5 | 107 |
| | 1541 | 1.0 | 30 |
| | 2247 | 4.1 | 125 |
| **27** Tu ◑ | 0450 | 2.1 | 64 |
| | 1026 | 3.6 | 110 |
| | 1621 | 1.1 | 34 |
| | 2317 | 4.2 | 128 |
| **28** W | 0531 | 1.7 | 52 |
| | 1118 | 3.6 | 110 |
| | 1703 | 1.2 | 37 |
| | 2348 | 4.4 | 134 |
| **29** Th | 0614 | 1.3 | 40 |
| | 1211 | 3.7 | 113 |
| | 1748 | 1.3 | 40 |
| **30** F | 0022 | 4.6 | 140 |
| | 0700 | 0.8 | 24 |
| | 1306 | 3.8 | 116 |
| | 1836 | 1.4 | 43 |
| **31** Sa | 0100 | 4.7 | 143 |
| | 0748 | 0.4 | 12 |
| | 1402 | 3.9 | 119 |
| | 1928 | 1.5 | 46 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0144 | 4.8 | 146 |
| | 0839 | 0.0 | 0 |
| | 1501 | 3.9 | 119 |
| | 2024 | 1.6 | 49 |
| **2** M | 0233 | 4.8 | 146 |
| | 0932 | −0.3 | −9 |
| | 1602 | 4.0 | 122 |
| | 2124 | 1.8 | 55 |
| **3** Tu ● | 0326 | 4.8 | 146 |
| | 1027 | −0.4 | −12 |
| | 1704 | 4.1 | 125 |
| | 2229 | 1.9 | 58 |
| **4** W | 0425 | 4.8 | 146 |
| | 1125 | −0.4 | −12 |
| | 1810 | 4.2 | 128 |
| | 2340 | 2.0 | 61 |
| **5** Th | 0528 | 4.6 | 140 |
| | 1224 | −0.3 | −9 |
| | 1916 | 4.3 | 131 |
| **6** F | 0055 | 2.0 | 61 |
| | 0636 | 4.5 | 137 |
| | 1325 | −0.2 | −6 |
| | 2022 | 4.4 | 134 |
| **7** Sa | 0211 | 1.9 | 58 |
| | 0746 | 4.3 | 131 |
| | 1427 | 0.1 | 3 |
| | 2124 | 4.5 | 137 |
| **8** Su | 0325 | 1.8 | 55 |
| | 0859 | 4.2 | 128 |
| | 1528 | 0.4 | 12 |
| | 2222 | 4.6 | 140 |
| **9** M | 0433 | 1.5 | 46 |
| | 1010 | 4.1 | 125 |
| | 1627 | 0.7 | 21 |
| | 2315 | 4.7 | 143 |
| **10** Tu ◐ | 0536 | 1.3 | 40 |
| | 1120 | 4.0 | 122 |
| | 1725 | 1.1 | 34 |
| **11** W | 0003 | 4.7 | 143 |
| | 0633 | 1.0 | 30 |
| | 1226 | 3.9 | 119 |
| | 1821 | 1.4 | 43 |
| **12** Th | 0047 | 4.7 | 143 |
| | 0726 | 0.8 | 24 |
| | 1328 | 3.8 | 116 |
| | 1913 | 1.7 | 52 |
| **13** F | 0126 | 4.6 | 140 |
| | 0813 | 0.6 | 18 |
| | 1425 | 3.7 | 113 |
| | 2003 | 1.9 | 58 |
| **14** Sa | 0203 | 4.4 | 134 |
| | 0857 | 0.5 | 15 |
| | 1516 | 3.6 | 110 |
| | 2050 | 2.2 | 67 |
| **15** Su | 0238 | 4.3 | 131 |
| | 0937 | 0.5 | 15 |
| | 1603 | 3.6 | 110 |
| | 2133 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0313 | 4.2 | 128 |
| | 1014 | 0.5 | 15 |
| | 1646 | 3.6 | 110 |
| | 2214 | 2.4 | 73 |
| **17** Tu | 0349 | 4.1 | 125 |
| | 1049 | 0.6 | 18 |
| | 1728 | 3.6 | 110 |
| | 2253 | 2.5 | 76 |
| **18** W ○ | 0427 | 4.0 | 122 |
| | 1122 | 0.6 | 18 |
| | 1810 | 3.7 | 113 |
| | 2333 | 2.6 | 79 |
| **19** Th | 0506 | 3.9 | 119 |
| | 1155 | 0.7 | 21 |
| | 1853 | 3.7 | 113 |
| **20** F | 0016 | 2.7 | 82 |
| | 0546 | 3.9 | 119 |
| | 1229 | 0.8 | 24 |
| | 1936 | 3.8 | 116 |
| **21** Sa | 0101 | 2.7 | 82 |
| | 0629 | 3.8 | 116 |
| | 1303 | 0.9 | 27 |
| | 2017 | 3.9 | 119 |
| **22** Su | 0150 | 2.6 | 79 |
| | 0715 | 3.7 | 113 |
| | 1339 | 1.0 | 30 |
| | 2055 | 4.0 | 122 |
| **23** M | 0239 | 2.5 | 76 |
| | 0804 | 3.7 | 113 |
| | 1418 | 1.1 | 34 |
| | 2130 | 4.1 | 125 |
| **24** Tu | 0328 | 2.3 | 70 |
| | 0858 | 3.6 | 110 |
| | 1459 | 1.2 | 37 |
| | 2203 | 4.2 | 128 |
| **25** W | 0416 | 1.9 | 58 |
| | 0955 | 3.6 | 110 |
| | 1543 | 1.3 | 40 |
| | 2237 | 4.4 | 134 |
| **26** Th ◑ | 0504 | 1.5 | 46 |
| | 1054 | 3.6 | 110 |
| | 1630 | 1.4 | 43 |
| | 2312 | 4.5 | 137 |
| **27** F | 0553 | 1.1 | 34 |
| | 1154 | 3.6 | 110 |
| | 1720 | 1.6 | 49 |
| | 2352 | 4.7 | 143 |
| **28** Sa | 0642 | 0.6 | 18 |
| | 1254 | 3.7 | 113 |
| | 1814 | 1.7 | 52 |
| **29** Su | 0037 | 4.8 | 146 |
| | 0733 | 0.2 | 6 |
| | 1353 | 3.8 | 116 |
| | 1911 | 1.7 | 52 |
| **30** M | 0126 | 5.0 | 152 |
| | 0825 | −0.1 | −3 |
| | 1452 | 3.9 | 119 |
| | 2010 | 1.8 | 55 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Isla Zapara (Malecon), Venezuela, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0219 | 5.0 | 152 |
| | 0918 | −0.3 | −9 |
| | 1552 | 4.0 | 122 |
| | 2113 | 1.9 | 58 |
| **2** W ● | 0314 | 5.0 | 152 |
| | 1013 | −0.3 | −9 |
| | 1653 | 4.1 | 125 |
| | 2219 | 2.0 | 61 |
| **3** Th | 0413 | 4.9 | 149 |
| | 1109 | −0.3 | −9 |
| | 1754 | 4.3 | 131 |
| | 2329 | 2.0 | 61 |
| **4** F | 0515 | 4.8 | 146 |
| | 1206 | −0.1 | −3 |
| | 1857 | 4.4 | 134 |
| **5** Sa | 0041 | 2.0 | 61 |
| | 0620 | 4.6 | 140 |
| | 1305 | 0.2 | 6 |
| | 1959 | 4.5 | 137 |
| **6** Su | 0155 | 1.9 | 58 |
| | 0729 | 4.4 | 134 |
| | 1404 | 0.5 | 15 |
| | 2058 | 4.6 | 140 |
| **7** M | 0307 | 1.7 | 52 |
| | 0840 | 4.1 | 125 |
| | 1505 | 0.9 | 27 |
| | 2154 | 4.6 | 140 |
| **8** Tu | 0414 | 1.5 | 46 |
| | 0953 | 3.9 | 119 |
| | 1605 | 1.2 | 37 |
| | 2246 | 4.7 | 143 |
| **9** W | 0516 | 1.2 | 37 |
| | 1105 | 3.8 | 116 |
| | 1704 | 1.5 | 46 |
| | 2332 | 4.6 | 140 |
| **10** Th ◐ | 0612 | 1.0 | 30 |
| | 1212 | 3.7 | 113 |
| | 1759 | 1.8 | 55 |
| **11** F | 0015 | 4.6 | 140 |
| | 0701 | 0.8 | 24 |
| | 1311 | 3.7 | 113 |
| | 1851 | 2.0 | 61 |
| **12** Sa | 0054 | 4.5 | 137 |
| | 0746 | 0.7 | 21 |
| | 1403 | 3.6 | 110 |
| | 1937 | 2.1 | 64 |
| **13** Su | 0130 | 4.4 | 134 |
| | 0826 | 0.6 | 18 |
| | 1447 | 3.6 | 110 |
| | 2018 | 2.3 | 70 |
| **14** M | 0206 | 4.4 | 134 |
| | 0903 | 0.6 | 18 |
| | 1527 | 3.6 | 110 |
| | 2054 | 2.3 | 70 |
| **15** Tu | 0241 | 4.4 | 134 |
| | 0936 | 0.6 | 18 |
| | 1606 | 3.7 | 113 |
| | 2128 | 2.4 | 73 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0317 | 4.3 | 131 |
| | 1007 | 0.6 | 18 |
| | 1644 | 3.7 | 113 |
| | 2202 | 2.5 | 76 |
| **17** Th | 0353 | 4.3 | 131 |
| | 1038 | 0.7 | 21 |
| | 1724 | 3.8 | 116 |
| | 2239 | 2.5 | 76 |
| **18** F ○ | 0431 | 4.2 | 128 |
| | 1110 | 0.7 | 21 |
| | 1804 | 3.9 | 119 |
| | 2321 | 2.6 | 79 |
| **19** Sa | 0511 | 4.2 | 128 |
| | 1144 | 0.8 | 24 |
| | 1845 | 4.0 | 122 |
| **20** Su | 0008 | 2.5 | 76 |
| | 0554 | 4.1 | 125 |
| | 1220 | 1.0 | 30 |
| | 1925 | 4.0 | 122 |
| **21** M | 0100 | 2.4 | 73 |
| | 0641 | 3.9 | 119 |
| | 1258 | 1.1 | 34 |
| | 2003 | 4.1 | 125 |
| **22** Tu | 0155 | 2.2 | 67 |
| | 0735 | 3.8 | 116 |
| | 1340 | 1.3 | 40 |
| | 2041 | 4.2 | 128 |
| **23** W | 0251 | 2.0 | 61 |
| | 0834 | 3.7 | 113 |
| | 1426 | 1.4 | 43 |
| | 2120 | 4.3 | 131 |
| **24** Th | 0347 | 1.6 | 49 |
| | 0938 | 3.6 | 110 |
| | 1516 | 1.6 | 49 |
| | 2201 | 4.4 | 134 |
| **25** F ◑ | 0441 | 1.2 | 37 |
| | 1043 | 3.6 | 110 |
| | 1610 | 1.7 | 52 |
| | 2246 | 4.6 | 140 |
| **26** Sa | 0534 | 0.8 | 24 |
| | 1147 | 3.6 | 110 |
| | 1707 | 1.8 | 55 |
| | 2334 | 4.7 | 143 |
| **27** Su | 0627 | 0.4 | 12 |
| | 1248 | 3.7 | 113 |
| | 1806 | 1.8 | 55 |
| **28** M | 0025 | 4.9 | 149 |
| | 0720 | 0.1 | 3 |
| | 1347 | 3.9 | 119 |
| | 1906 | 1.9 | 58 |
| **29** Tu | 0118 | 5.0 | 152 |
| | 0813 | −0.1 | −3 |
| | 1445 | 4.0 | 122 |
| | 2007 | 1.9 | 58 |
| **30** W | 0212 | 5.1 | 155 |
| | 0905 | −0.1 | −3 |
| | 1541 | 4.1 | 125 |
| | 2109 | 1.9 | 58 |
| **31** Th | 0307 | 5.0 | 152 |
| | 0959 | −0.1 | −3 |
| | 1638 | 4.2 | 128 |
| | 2213 | 2.0 | 61 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0405 | 4.9 | 149 |
| | 1053 | 0.1 | 3 |
| | 1735 | 4.3 | 131 |
| | 2319 | 1.9 | 58 |
| **2** Sa | 0504 | 4.7 | 143 |
| | 1148 | 0.4 | 12 |
| | 1832 | 4.4 | 134 |
| **3** Su | 0028 | 1.9 | 58 |
| | 0607 | 4.5 | 137 |
| | 1244 | 0.7 | 21 |
| | 1930 | 4.4 | 134 |
| **4** M | 0138 | 1.8 | 55 |
| | 0714 | 4.2 | 128 |
| | 1343 | 1.1 | 34 |
| | 2026 | 4.4 | 134 |
| **5** Tu | 0246 | 1.6 | 49 |
| | 0826 | 3.9 | 119 |
| | 1443 | 1.4 | 43 |
| | 2120 | 4.4 | 134 |
| **6** W | 0351 | 1.4 | 43 |
| | 0939 | 3.7 | 113 |
| | 1545 | 1.7 | 52 |
| | 2211 | 4.4 | 134 |
| **7** Th | 0450 | 1.2 | 37 |
| | 1049 | 3.6 | 110 |
| | 1644 | 1.9 | 58 |
| | 2257 | 4.4 | 134 |
| **8** F ◐ | 0543 | 1.0 | 30 |
| | 1152 | 3.6 | 110 |
| | 1739 | 2.0 | 61 |
| | 2340 | 4.3 | 131 |
| **9** Sa | 0630 | 0.9 | 27 |
| | 1245 | 3.6 | 110 |
| | 1826 | 2.1 | 64 |
| **10** Su | 0019 | 4.3 | 131 |
| | 0711 | 0.8 | 24 |
| | 1329 | 3.6 | 110 |
| | 1907 | 2.2 | 67 |
| **11** M | 0055 | 4.4 | 134 |
| | 0747 | 0.7 | 21 |
| | 1408 | 3.6 | 110 |
| | 1941 | 2.2 | 67 |
| **12** Tu | 0131 | 4.4 | 134 |
| | 0820 | 0.7 | 21 |
| | 1444 | 3.7 | 113 |
| | 2012 | 2.3 | 70 |
| **13** W | 0207 | 4.4 | 134 |
| | 0851 | 0.7 | 21 |
| | 1520 | 3.8 | 116 |
| | 2043 | 2.3 | 70 |
| **14** Th | 0243 | 4.5 | 137 |
| | 0921 | 0.7 | 21 |
| | 1556 | 3.9 | 119 |
| | 2118 | 2.3 | 70 |
| **15** F | 0320 | 4.5 | 137 |
| | 0952 | 0.8 | 24 |
| | 1633 | 4.0 | 122 |
| | 2157 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0359 | 4.4 | 134 |
| | 1025 | 0.8 | 24 |
| | 1711 | 4.0 | 122 |
| | 2241 | 2.2 | 67 |
| **17** Su | 0441 | 4.3 | 131 |
| | 1101 | 0.9 | 27 |
| | 1749 | 4.1 | 125 |
| | 2330 | 2.1 | 64 |
| **18** M | 0527 | 4.2 | 128 |
| | 1140 | 1.1 | 34 |
| | 1828 | 4.1 | 125 |
| **19** Tu | 0024 | 1.9 | 58 |
| | 0619 | 4.0 | 122 |
| | 1223 | 1.3 | 40 |
| | 1909 | 4.2 | 128 |
| **20** W | 0121 | 1.7 | 52 |
| | 0718 | 3.8 | 116 |
| | 1310 | 1.5 | 46 |
| | 1953 | 4.2 | 128 |
| **21** Th | 0221 | 1.4 | 43 |
| | 0823 | 3.7 | 113 |
| | 1403 | 1.6 | 49 |
| | 2042 | 4.3 | 131 |
| **22** F | 0321 | 1.1 | 34 |
| | 0931 | 3.6 | 110 |
| | 1502 | 1.8 | 55 |
| | 2134 | 4.4 | 134 |
| **23** Sa ◑ | 0420 | 0.8 | 24 |
| | 1039 | 3.7 | 113 |
| | 1604 | 1.9 | 58 |
| | 2229 | 4.6 | 140 |
| **24** Su | 0517 | 0.5 | 15 |
| | 1144 | 3.7 | 113 |
| | 1707 | 1.9 | 58 |
| | 2324 | 4.7 | 143 |
| **25** M | 0613 | 0.3 | 9 |
| | 1245 | 3.9 | 119 |
| | 1809 | 1.9 | 58 |
| **26** Tu | 0019 | 4.8 | 146 |
| | 0707 | 0.1 | 3 |
| | 1341 | 4.0 | 122 |
| | 1910 | 1.9 | 58 |
| **27** W | 0114 | 4.9 | 149 |
| | 0800 | 0.1 | 3 |
| | 1435 | 4.1 | 125 |
| | 2010 | 1.8 | 55 |
| **28** Th | 0208 | 5.0 | 152 |
| | 0852 | 0.2 | 6 |
| | 1527 | 4.3 | 131 |
| | 2109 | 1.8 | 55 |
| **29** F | 0303 | 4.9 | 149 |
| | 0943 | 0.3 | 9 |
| | 1619 | 4.3 | 131 |
| | 2210 | 1.8 | 55 |
| **30** Sa ● | 0359 | 4.7 | 143 |
| | 1035 | 0.6 | 18 |
| | 1711 | 4.3 | 131 |
| | 2312 | 1.7 | 52 |
| **31** Su | 0457 | 4.5 | 137 |
| | 1129 | 1.0 | 30 |
| | 1803 | 4.3 | 131 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0015 | 1.6 | 49 |
| | 0559 | 4.2 | 128 |
| | 1224 | 1.3 | 40 |
| | 1855 | 4.3 | 131 |
| **2** Tu | 0119 | 1.5 | 46 |
| | 0705 | 3.9 | 119 |
| | 1323 | 1.6 | 49 |
| | 1949 | 4.2 | 128 |
| **3** W | 0222 | 1.4 | 43 |
| | 0815 | 3.7 | 113 |
| | 1425 | 1.9 | 58 |
| | 2041 | 4.1 | 125 |
| **4** Th | 0322 | 1.3 | 40 |
| | 0925 | 3.6 | 110 |
| | 1527 | 2.0 | 61 |
| | 2131 | 4.1 | 125 |
| **5** F | 0417 | 1.2 | 37 |
| | 1030 | 3.6 | 110 |
| | 1625 | 2.1 | 64 |
| | 2218 | 4.1 | 125 |
| **6** Sa | 0506 | 1.1 | 34 |
| | 1124 | 3.6 | 110 |
| | 1715 | 2.2 | 67 |
| | 2300 | 4.1 | 125 |
| **7** Su ◐ | 0549 | 1.0 | 30 |
| | 1210 | 3.6 | 110 |
| | 1757 | 2.2 | 67 |
| | 2340 | 4.2 | 128 |
| **8** M | 0627 | 0.9 | 27 |
| | 1248 | 3.6 | 110 |
| | 1831 | 2.2 | 67 |
| **9** Tu | 0017 | 4.3 | 131 |
| | 0700 | 0.9 | 27 |
| | 1324 | 3.7 | 113 |
| | 1901 | 2.2 | 67 |
| **10** W | 0054 | 4.4 | 134 |
| | 0730 | 0.9 | 27 |
| | 1358 | 3.8 | 116 |
| | 1931 | 2.2 | 67 |
| **11** Th | 0130 | 4.5 | 137 |
| | 0800 | 0.9 | 27 |
| | 1432 | 4.0 | 122 |
| | 2004 | 2.1 | 64 |
| **12** F | 0208 | 4.5 | 137 |
| | 0831 | 0.9 | 27 |
| | 1506 | 4.1 | 125 |
| | 2041 | 2.0 | 61 |
| **13** Sa | 0247 | 4.5 | 137 |
| | 0904 | 0.9 | 27 |
| | 1541 | 4.2 | 128 |
| | 2123 | 1.9 | 58 |
| **14** Su | 0329 | 4.5 | 137 |
| | 0941 | 1.0 | 30 |
| | 1616 | 4.2 | 128 |
| | 2210 | 1.7 | 52 |
| **15** M ○ | 0416 | 4.4 | 134 |
| | 1020 | 1.1 | 34 |
| | 1654 | 4.3 | 131 |
| | 2301 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0507 | 4.2 | 128 |
| | 1104 | 1.3 | 40 |
| | 1735 | 4.3 | 131 |
| | 2356 | 1.3 | 40 |
| **17** W | 0604 | 4.0 | 122 |
| | 1153 | 1.5 | 46 |
| | 1821 | 4.3 | 131 |
| **18** Th | 0055 | 1.1 | 34 |
| | 0707 | 3.9 | 119 |
| | 1248 | 1.7 | 52 |
| | 1914 | 4.4 | 134 |
| **19** F | 0156 | 0.9 | 27 |
| | 0816 | 3.8 | 116 |
| | 1349 | 1.8 | 55 |
| | 2012 | 4.4 | 134 |
| **20** Sa | 0259 | 0.7 | 21 |
| | 0926 | 3.8 | 116 |
| | 1456 | 1.9 | 58 |
| | 2114 | 4.5 | 137 |
| **21** Su | 0400 | 0.5 | 15 |
| | 1035 | 3.9 | 119 |
| | 1605 | 2.0 | 61 |
| | 2216 | 4.6 | 140 |
| **22** M ◑ | 0500 | 0.3 | 9 |
| | 1139 | 4.0 | 122 |
| | 1711 | 1.9 | 58 |
| | 2316 | 4.7 | 143 |
| **23** Tu | 0557 | 0.3 | 9 |
| | 1237 | 4.1 | 125 |
| | 1814 | 1.8 | 55 |
| **24** W | 0014 | 4.8 | 146 |
| | 0652 | 0.3 | 9 |
| | 1331 | 4.3 | 131 |
| | 1914 | 1.8 | 55 |
| **25** Th | 0110 | 4.8 | 146 |
| | 0745 | 0.4 | 12 |
| | 1421 | 4.4 | 134 |
| | 2012 | 1.7 | 52 |
| **26** F | 0206 | 4.8 | 146 |
| | 0836 | 0.6 | 18 |
| | 1509 | 4.4 | 134 |
| | 2109 | 1.6 | 49 |
| **27** Sa | 0301 | 4.6 | 140 |
| | 0927 | 0.9 | 27 |
| | 1556 | 4.4 | 134 |
| | 2206 | 1.5 | 46 |
| **28** Su | 0357 | 4.4 | 134 |
| | 1019 | 1.2 | 37 |
| | 1643 | 4.4 | 134 |
| | 2303 | 1.4 | 43 |
| **29** M ● | 0455 | 4.2 | 128 |
| | 1111 | 1.5 | 46 |
| | 1730 | 4.3 | 131 |
| **30** Tu | 0000 | 1.4 | 43 |
| | 0556 | 4.0 | 122 |
| | 1207 | 1.8 | 55 |
| | 1818 | 4.1 | 125 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Isla Zapara (Malecon), Venezuela, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0057 | 1.3 | 40 |
| | 0700 | 3.8 | 116 |
| | 1306 | 2.1 | 64 |
| | 1907 | 4.0 | 122 |
| **2** Th | 0153 | 1.3 | 40 |
| | 0804 | 3.6 | 110 |
| | 1407 | 2.2 | 67 |
| | 1957 | 3.9 | 119 |
| **3** F | 0247 | 1.2 | 37 |
| | 0907 | 3.6 | 110 |
| | 1507 | 2.3 | 70 |
| | 2046 | 3.9 | 119 |
| **4** Sa | 0337 | 1.2 | 37 |
| | 1003 | 3.6 | 110 |
| | 1600 | 2.4 | 73 |
| | 2132 | 3.9 | 119 |
| **5** Su | 0421 | 1.2 | 37 |
| | 1050 | 3.6 | 110 |
| | 1644 | 2.4 | 73 |
| | 2216 | 4.0 | 122 |
| **6** M | 0501 | 1.1 | 34 |
| | 1130 | 3.7 | 113 |
| | 1720 | 2.4 | 73 |
| | 2256 | 4.1 | 125 |
| **7** Tu ◐ | 0535 | 1.1 | 34 |
| | 1206 | 3.8 | 116 |
| | 1751 | 2.4 | 73 |
| | 2336 | 4.2 | 128 |
| **8** W | 0606 | 1.1 | 34 |
| | 1240 | 3.9 | 119 |
| | 1821 | 2.3 | 70 |
| **9** Th | 0014 | 4.3 | 131 |
| | 0636 | 1.1 | 34 |
| | 1312 | 4.0 | 122 |
| | 1853 | 2.1 | 64 |
| **10** F | 0053 | 4.4 | 134 |
| | 0708 | 1.1 | 34 |
| | 1344 | 4.2 | 128 |
| | 1930 | 1.9 | 58 |
| **11** Sa | 0134 | 4.4 | 134 |
| | 0742 | 1.1 | 34 |
| | 1416 | 4.3 | 131 |
| | 2011 | 1.7 | 52 |
| **12** Su | 0217 | 4.4 | 134 |
| | 0819 | 1.1 | 34 |
| | 1450 | 4.4 | 134 |
| | 2056 | 1.4 | 43 |
| **13** M | 0304 | 4.4 | 134 |
| | 0900 | 1.2 | 37 |
| | 1526 | 4.5 | 137 |
| | 2144 | 1.2 | 37 |
| **14** Tu ○ | 0355 | 4.3 | 131 |
| | 0945 | 1.4 | 43 |
| | 1607 | 4.6 | 140 |
| | 2237 | 0.9 | 27 |
| **15** W | 0450 | 4.2 | 128 |
| | 1034 | 1.5 | 46 |
| | 1653 | 4.6 | 140 |
| | 2333 | 0.7 | 21 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0551 | 4.1 | 125 |
| | 1129 | 1.7 | 52 |
| | 1746 | 4.6 | 140 |
| **17** F | 0032 | 0.6 | 18 |
| | 0657 | 4.0 | 122 |
| | 1231 | 1.9 | 58 |
| | 1845 | 4.6 | 140 |
| **18** Sa | 0135 | 0.4 | 12 |
| | 0807 | 4.0 | 122 |
| | 1340 | 2.0 | 61 |
| | 1950 | 4.6 | 140 |
| **19** Su | 0238 | 0.4 | 12 |
| | 0917 | 4.1 | 125 |
| | 1452 | 2.0 | 61 |
| | 2057 | 4.6 | 140 |
| **20** M | 0341 | 0.3 | 9 |
| | 1024 | 4.2 | 128 |
| | 1603 | 2.0 | 61 |
| | 2203 | 4.7 | 143 |
| **21** Tu ◑ | 0441 | 0.4 | 12 |
| | 1126 | 4.3 | 131 |
| | 1711 | 1.9 | 58 |
| | 2306 | 4.7 | 143 |
| **22** W | 0540 | 0.4 | 12 |
| | 1223 | 4.5 | 137 |
| | 1814 | 1.7 | 52 |
| **23** Th | 0007 | 4.7 | 143 |
| | 0635 | 0.6 | 18 |
| | 1314 | 4.6 | 140 |
| | 1913 | 1.6 | 49 |
| **24** F | 0106 | 4.7 | 143 |
| | 0729 | 0.8 | 24 |
| | 1402 | 4.6 | 140 |
| | 2010 | 1.4 | 43 |
| **25** Sa | 0204 | 4.6 | 140 |
| | 0821 | 1.1 | 34 |
| | 1448 | 4.6 | 140 |
| | 2104 | 1.3 | 40 |
| **26** Su | 0301 | 4.4 | 134 |
| | 0912 | 1.4 | 43 |
| | 1531 | 4.5 | 137 |
| | 2158 | 1.2 | 37 |
| **27** M | 0357 | 4.2 | 128 |
| | 1003 | 1.7 | 52 |
| | 1614 | 4.4 | 134 |
| | 2250 | 1.1 | 34 |
| **28** Tu ● | 0454 | 4.0 | 122 |
| | 1055 | 2.0 | 61 |
| | 1657 | 4.2 | 128 |
| | 2341 | 1.1 | 34 |
| **29** W | 0552 | 3.8 | 116 |
| | 1149 | 2.2 | 67 |
| | 1741 | 4.1 | 125 |
| **30** Th | 0031 | 1.1 | 34 |
| | 0649 | 3.7 | 113 |
| | 1245 | 2.4 | 73 |
| | 1826 | 4.0 | 122 |
| **31** F | 0119 | 1.2 | 37 |
| | 0745 | 3.6 | 110 |
| | 1341 | 2.5 | 76 |
| | 1912 | 3.9 | 119 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0206 | 1.2 | 37 |
| | 0839 | 3.6 | 110 |
| | 1433 | 2.6 | 79 |
| | 1958 | 3.9 | 119 |
| **2** Su | 0250 | 1.2 | 37 |
| | 0927 | 3.6 | 110 |
| | 1521 | 2.6 | 79 |
| | 2044 | 3.9 | 119 |
| **3** M | 0329 | 1.3 | 40 |
| | 1010 | 3.7 | 113 |
| | 1601 | 2.6 | 79 |
| | 2128 | 4.0 | 122 |
| **4** Tu | 0405 | 1.3 | 40 |
| | 1048 | 3.8 | 116 |
| | 1635 | 2.6 | 79 |
| | 2210 | 4.0 | 122 |
| **5** W | 0437 | 1.3 | 40 |
| | 1123 | 3.9 | 119 |
| | 1708 | 2.5 | 76 |
| | 2252 | 4.1 | 125 |
| **6** Th ◐ | 0509 | 1.3 | 40 |
| | 1155 | 4.1 | 125 |
| | 1741 | 2.3 | 70 |
| | 2335 | 4.2 | 128 |
| **7** F | 0543 | 1.3 | 40 |
| | 1226 | 4.2 | 128 |
| | 1819 | 2.0 | 61 |
| **8** Sa | 0018 | 4.3 | 131 |
| | 0619 | 1.3 | 40 |
| | 1257 | 4.4 | 134 |
| | 1900 | 1.7 | 52 |
| **9** Su | 0103 | 4.3 | 131 |
| | 0657 | 1.3 | 40 |
| | 1329 | 4.5 | 137 |
| | 1944 | 1.4 | 43 |
| **10** M | 0152 | 4.3 | 131 |
| | 0740 | 1.4 | 43 |
| | 1405 | 4.6 | 140 |
| | 2031 | 1.0 | 30 |
| **11** Tu | 0243 | 4.3 | 131 |
| | 0825 | 1.5 | 46 |
| | 1445 | 4.7 | 143 |
| | 2122 | 0.7 | 21 |
| **12** W | 0337 | 4.2 | 128 |
| | 0915 | 1.6 | 49 |
| | 1531 | 4.8 | 146 |
| | 2216 | 0.4 | 12 |
| **13** Th ○ | 0436 | 4.2 | 128 |
| | 1010 | 1.7 | 52 |
| | 1623 | 4.8 | 146 |
| | 2313 | 0.3 | 9 |
| **14** F | 0538 | 4.2 | 128 |
| | 1110 | 1.8 | 55 |
| | 1721 | 4.8 | 146 |
| **15** Sa | 0012 | 0.2 | 6 |
| | 0644 | 4.1 | 125 |
| | 1217 | 2.0 | 61 |
| | 1824 | 4.8 | 146 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0114 | 0.2 | 6 |
| | 0753 | 4.2 | 128 |
| | 1329 | 2.0 | 61 |
| | 1931 | 4.8 | 146 |
| **17** M | 0217 | 0.3 | 9 |
| | 0901 | 4.3 | 131 |
| | 1443 | 2.0 | 61 |
| | 2039 | 4.8 | 146 |
| **18** Tu | 0320 | 0.4 | 12 |
| | 1007 | 4.4 | 134 |
| | 1555 | 1.9 | 58 |
| | 2148 | 4.7 | 143 |
| **19** W ◑ | 0421 | 0.5 | 15 |
| | 1107 | 4.6 | 140 |
| | 1703 | 1.7 | 52 |
| | 2255 | 4.7 | 143 |
| **20** Th | 0521 | 0.7 | 21 |
| | 1202 | 4.7 | 143 |
| | 1806 | 1.5 | 46 |
| | 2359 | 4.6 | 140 |
| **21** F | 0618 | 1.0 | 30 |
| | 1253 | 4.7 | 143 |
| | 1905 | 1.3 | 40 |
| **22** Sa | 0101 | 4.5 | 137 |
| | 0713 | 1.3 | 40 |
| | 1340 | 4.7 | 143 |
| | 2001 | 1.1 | 34 |
| **23** Su | 0201 | 4.3 | 131 |
| | 0806 | 1.5 | 46 |
| | 1424 | 4.6 | 140 |
| | 2053 | 1.0 | 30 |
| **24** M | 0258 | 4.1 | 125 |
| | 0858 | 1.8 | 55 |
| | 1505 | 4.5 | 137 |
| | 2143 | 0.9 | 27 |
| **25** Tu | 0353 | 4.0 | 122 |
| | 0948 | 2.0 | 61 |
| | 1546 | 4.4 | 134 |
| | 2230 | 0.9 | 27 |
| **26** W | 0446 | 3.8 | 116 |
| | 1037 | 2.2 | 67 |
| | 1625 | 4.2 | 128 |
| | 2315 | 1.0 | 30 |
| **27** Th ● | 0536 | 3.7 | 113 |
| | 1125 | 2.4 | 73 |
| | 1706 | 4.1 | 125 |
| | 2359 | 1.0 | 30 |
| **28** F | 0624 | 3.6 | 110 |
| | 1211 | 2.5 | 76 |
| | 1747 | 4.0 | 122 |
| **29** Sa | 0040 | 1.1 | 34 |
| | 0712 | 3.6 | 110 |
| | 1257 | 2.6 | 79 |
| | 1829 | 4.0 | 122 |
| **30** Su | 0120 | 1.2 | 37 |
| | 0758 | 3.6 | 110 |
| | 1341 | 2.7 | 82 |
| | 1912 | 4.0 | 122 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0158 | 1.3 | 40 |
| | 0843 | 3.7 | 113 |
| | 1424 | 2.7 | 82 |
| | 1956 | 4.0 | 122 |
| **2** Tu | 0233 | 1.3 | 40 |
| | 0925 | 3.8 | 116 |
| | 1504 | 2.7 | 82 |
| | 2041 | 4.0 | 122 |
| **3** W | 0307 | 1.4 | 43 |
| | 1003 | 3.9 | 119 |
| | 1544 | 2.6 | 79 |
| | 2126 | 4.0 | 122 |
| **4** Th | 0342 | 1.4 | 43 |
| | 1038 | 4.0 | 122 |
| | 1623 | 2.4 | 73 |
| | 2212 | 4.0 | 122 |
| **5** F ◐ | 0418 | 1.4 | 43 |
| | 1109 | 4.1 | 125 |
| | 1704 | 2.1 | 64 |
| | 2259 | 4.0 | 122 |
| **6** Sa | 0456 | 1.5 | 46 |
| | 1140 | 4.3 | 131 |
| | 1747 | 1.8 | 55 |
| | 2348 | 4.1 | 125 |
| **7** Su | 0537 | 1.5 | 46 |
| | 1213 | 4.4 | 134 |
| | 1832 | 1.4 | 43 |
| **8** M | 0039 | 4.1 | 125 |
| | 0621 | 1.5 | 46 |
| | 1249 | 4.6 | 140 |
| | 1920 | 1.0 | 30 |
| **9** Tu | 0131 | 4.1 | 125 |
| | 0709 | 1.5 | 46 |
| | 1330 | 4.7 | 143 |
| | 2010 | 0.6 | 18 |
| **10** W | 0225 | 4.1 | 125 |
| | 0800 | 1.6 | 49 |
| | 1417 | 4.9 | 149 |
| | 2102 | 0.3 | 9 |
| **11** Th | 0321 | 4.2 | 128 |
| | 0854 | 1.7 | 52 |
| | 1508 | 5.0 | 152 |
| | 2157 | 0.1 | 3 |
| **12** F ○ | 0420 | 4.2 | 128 |
| | 0953 | 1.7 | 52 |
| | 1604 | 5.0 | 152 |
| | 2254 | 0.0 | 0 |
| **13** Sa | 0522 | 4.2 | 128 |
| | 1056 | 1.8 | 55 |
| | 1703 | 5.0 | 152 |
| | 2353 | 0.1 | 3 |
| **14** Su | 0626 | 4.2 | 128 |
| | 1204 | 1.9 | 58 |
| | 1807 | 5.0 | 152 |
| **15** M | 0054 | 0.2 | 6 |
| | 0733 | 4.3 | 131 |
| | 1316 | 1.9 | 58 |
| | 1914 | 4.9 | 149 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0156 | 0.4 | 12 |
| | 0839 | 4.4 | 134 |
| | 1430 | 1.8 | 55 |
| | 2023 | 4.7 | 143 |
| **17** W | 0259 | 0.6 | 18 |
| | 0943 | 4.5 | 137 |
| | 1542 | 1.7 | 52 |
| | 2133 | 4.6 | 140 |
| **18** Th | 0401 | 0.8 | 24 |
| | 1043 | 4.6 | 140 |
| | 1650 | 1.5 | 46 |
| | 2243 | 4.5 | 137 |
| **19** F ◑ | 0503 | 1.1 | 34 |
| | 1138 | 4.6 | 140 |
| | 1753 | 1.3 | 40 |
| | 2351 | 4.3 | 131 |
| **20** Sa | 0602 | 1.3 | 40 |
| | 1228 | 4.6 | 140 |
| | 1851 | 1.0 | 30 |
| **21** Su | 0055 | 4.2 | 128 |
| | 0659 | 1.5 | 46 |
| | 1315 | 4.6 | 140 |
| | 1944 | 0.9 | 27 |
| **22** M | 0154 | 4.1 | 125 |
| | 0752 | 1.7 | 52 |
| | 1358 | 4.5 | 137 |
| | 2034 | 0.8 | 24 |
| **23** Tu | 0248 | 3.9 | 119 |
| | 0842 | 1.9 | 58 |
| | 1438 | 4.4 | 134 |
| | 2120 | 0.8 | 24 |
| **24** W | 0336 | 3.8 | 116 |
| | 0927 | 2.0 | 61 |
| | 1516 | 4.3 | 131 |
| | 2203 | 0.8 | 24 |
| **25** Th | 0421 | 3.7 | 113 |
| | 1009 | 2.2 | 67 |
| | 1554 | 4.2 | 128 |
| | 2243 | 0.9 | 27 |
| **26** F | 0503 | 3.7 | 113 |
| | 1048 | 2.3 | 70 |
| | 1632 | 4.2 | 128 |
| | 2320 | 1.0 | 30 |
| **27** Sa ● | 0544 | 3.6 | 110 |
| | 1125 | 2.4 | 73 |
| | 1710 | 4.1 | 125 |
| | 2356 | 1.1 | 34 |
| **28** Su | 0626 | 3.6 | 110 |
| | 1202 | 2.5 | 76 |
| | 1750 | 4.1 | 125 |
| **29** M | 0030 | 1.2 | 37 |
| | 0709 | 3.7 | 113 |
| | 1240 | 2.5 | 76 |
| | 1831 | 4.1 | 125 |
| **30** Tu | 0104 | 1.3 | 40 |
| | 0752 | 3.7 | 113 |
| | 1322 | 2.5 | 76 |
| | 1915 | 4.0 | 122 |
| **31** W | 0139 | 1.4 | 43 |
| | 0833 | 3.8 | 116 |
| | 1408 | 2.5 | 76 |
| | 2000 | 3.9 | 119 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Amuay, Venezuela, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Tu | 0026 | 0.5 / 15 | 16 W | 0336 | 0.2 / 6 |
| | 0416 | 0.3 / 9 | | 1026 | 1.2 / 37 |
| | 1151 | 1.1 / 34 | | 1755 | −0.4 / −12 |
| | 1903 | −0.1 / −3 | | | |
| 2 W | 0144 | 0.5 / 15 | 17 Th | 0120 | 0.4 / 12 |
| | 0449 | 0.4 / 12 | | 0425 | 0.3 / 9 |
| | 1217 | 1.1 / 34 | | 1109 | 1.3 / 40 |
| | 1942 | −0.2 / −6 | | 1851 | −0.6 / −18 |
| 3 Th | 0254 | 0.5 / 15 | 18 F | 0226 | 0.5 / 15 |
| | 0522 | 0.4 / 12 | | 0516 | 0.4 / 12 |
| | 1238 | 1.1 / 34 | | 1156 | 1.4 / 43 |
| | 2017 | −0.3 / −9 | | 1944 | −0.8 / −24 |
| 4 F | 1252 | 1.2 / 37 | 19 Sa | 0324 | 0.5 / 15 |
| | 2051 | −0.4 / −12 | | 0610 | 0.4 / 12 |
| | | | | 1245 | 1.4 / 43 |
| | | | | 2036 | −0.9 / −27 |
| 5 Sa | 1303 | 1.2 / 37 | 20 Su | 0417 | 0.6 / 18 |
| | 2126 | −0.5 / −15 | | 0704 | 0.4 / 12 |
| | | | | 1336 | 1.4 / 43 |
| | | | | 2126 | −0.9 / −27 |
| 6 Su | 1319 | 1.2 / 37 | 21 M | 0507 | 0.6 / 18 |
| | 2202 | −0.5 / −15 | | 0800 | 0.4 / 12 |
| | | | | 1426 | 1.4 / 43 |
| | | | | 2213 | −0.8 / −24 |
| 7 M | 1343 | 1.2 / 37 | 22 Tu ○ | 0555 | 0.6 / 18 |
| | 2237 | −0.5 / −15 | | 0859 | 0.4 / 12 |
| | | | | 1517 | 1.2 / 37 |
| | | | | 2259 | −0.7 / −21 |
| 8 Tu ● | 1414 | 1.2 / 37 | 23 W | 0641 | 0.6 / 18 |
| | 2312 | −0.5 / −15 | | 1001 | 0.4 / 12 |
| | | | | 1610 | 1.1 / 34 |
| | | | | 2342 | −0.6 / −18 |
| 9 W | 1451 | 1.2 / 37 | 24 Th | 0724 | 0.6 / 18 |
| | 2347 | −0.5 / −15 | | 1109 | 0.4 / 12 |
| | | | | 1708 | 0.9 / 27 |
| 10 Th | 1533 | 1.1 / 34 | 25 F | 0023 | −0.4 / −12 |
| | | | | 0805 | 0.7 / 21 |
| | | | | 1223 | 0.3 / 9 |
| | | | | 1822 | 0.7 / 21 |
| 11 F | 0021 | −0.4 / −12 | 26 Sa | 0101 | −0.3 / −9 |
| | 0908 | 0.6 / 18 | | 0844 | 0.7 / 21 |
| | 1138 | 0.5 / 15 | | 1344 | 0.2 / 6 |
| | 1622 | 0.9 / 27 | | 2001 | 0.5 / 15 |
| 12 Sa | 0056 | −0.3 / −9 | 27 Su | 0137 | −0.1 / −3 |
| | 0913 | 0.7 / 21 | | 0920 | 0.8 / 24 |
| | 1305 | 0.5 / 15 | | 1510 | 0.1 / 3 |
| | 1724 | 0.7 / 21 | | 2143 | 0.4 / 12 |
| 13 Su | 0132 | −0.2 / −6 | 28 M | 0214 | 0.1 / 3 |
| | 0919 | 0.8 / 24 | | 0954 | 0.8 / 24 |
| | 1429 | 0.3 / 9 | | 1630 | 0.0 / 0 |
| | 1859 | 0.5 / 15 | | 2314 | 0.4 / 12 |
| 14 M | 0210 | −0.1 / −3 | 29 Tu | 0251 | 0.2 / 6 |
| | 0931 | 0.9 / 27 | | 1028 | 0.8 / 24 |
| | 1546 | 0.1 / 3 | | 1731 | −0.2 / −6 |
| | 2204 | 0.4 / 12 | | | |
| 15 Tu ◐ | 0251 | 0.1 / 3 | 30 W ◑ | 0031 | 0.4 / 12 |
| | 0953 | 1.0 / 30 | | 0331 | 0.3 / 9 |
| | 1654 | −0.2 / −6 | | 1059 | 0.9 / 27 |
| | 2358 | 0.4 / 12 | | 1818 | −0.3 / −9 |
| | | | 31 Th | 0137 | 0.4 / 12 |
| | | | | 0413 | 0.3 / 9 |
| | | | | 1128 | 0.9 / 27 |
| | | | | 1858 | −0.4 / −12 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 F | 0233 | 0.4 / 12 | 16 Sa | 0208 | 0.5 / 15 |
| | 0455 | 0.3 / 9 | | 0519 | 0.3 / 9 |
| | 1154 | 0.9 / 27 | | 1151 | 1.2 / 37 |
| | 1935 | −0.5 / −15 | | 1926 | −0.8 / −24 |
| 2 Sa | 0324 | 0.5 / 15 | 17 Su | 0256 | 0.6 / 18 |
| | 0536 | 0.4 / 12 | | 0616 | 0.3 / 9 |
| | 1218 | 1.0 / 30 | | 1247 | 1.2 / 37 |
| | 2011 | −0.5 / −15 | | 2015 | −0.8 / −24 |
| 3 Su | 0411 | 0.5 / 15 | 18 M | 0340 | 0.6 / 18 |
| | 0615 | 0.4 / 12 | | 0712 | 0.3 / 9 |
| | 1242 | 1.0 / 30 | | 1342 | 1.2 / 37 |
| | 2046 | −0.6 / −18 | | 2102 | −0.7 / −21 |
| 4 M | 1309 | 1.0 / 30 | 19 Tu | 0421 | 0.6 / 18 |
| | 2121 | −0.6 / −18 | | 0807 | 0.2 / 6 |
| | | | | 1436 | 1.1 / 34 |
| | | | | 2144 | −0.6 / −18 |
| 5 Tu | 0535 | 0.4 / 12 | 20 W ○ | 0501 | 0.6 / 18 |
| | 0738 | 0.3 / 9 | | 0903 | 0.2 / 6 |
| | 1340 | 1.1 / 34 | | 1531 | 1.0 / 30 |
| | 2155 | −0.6 / −18 | | 2224 | −0.5 / −15 |
| 6 W ● | 0608 | 0.4 / 12 | 21 Th | 0540 | 0.6 / 18 |
| | 0829 | 0.3 / 9 | | 1002 | 0.1 / 3 |
| | 1417 | 1.0 / 30 | | 1631 | 0.8 / 24 |
| | 2228 | −0.5 / −15 | | 2301 | −0.3 / −9 |
| 7 Th | 0632 | 0.4 / 12 | 22 F | 0616 | 0.6 / 18 |
| | 0927 | 0.3 / 9 | | 1103 | 0.1 / 3 |
| | 1501 | 0.9 / 27 | | 1742 | 0.6 / 18 |
| | 2302 | −0.4 / −12 | | 2335 | −0.1 / −3 |
| 8 F | 0648 | 0.5 / 15 | 23 Sa | 0650 | 0.6 / 18 |
| | 1033 | 0.3 / 9 | | 1207 | 0.0 / 0 |
| | 1552 | 0.8 / 24 | | 1908 | 0.5 / 15 |
| | 2337 | −0.3 / −9 | | | |
| 9 Sa | 0659 | 0.5 / 15 | 24 Su | 0008 | 0.1 / 3 |
| | 1144 | 0.2 / 6 | | 0722 | 0.6 / 18 |
| | 1700 | 0.6 / 18 | | 1314 | 0.0 / 0 |
| | | | | 2042 | 0.4 / 12 |
| 10 Su | 0013 | −0.2 / −6 | 25 M | 0043 | 0.2 / 6 |
| | 0710 | 0.6 / 18 | | 0754 | 0.6 / 18 |
| | 1259 | 0.0 / 0 | | 1422 | −0.1 / −3 |
| | 1850 | 0.5 / 15 | | 2211 | 0.4 / 12 |
| 11 M | 0052 | 0.0 / 0 | 26 Tu | 0121 | 0.3 / 9 |
| | 0731 | 0.7 / 21 | | 0826 | 0.7 / 21 |
| | 1414 | −0.2 / −6 | | 1528 | −0.2 / −6 |
| | 2118 | 0.4 / 12 | | 2327 | 0.5 / 15 |
| 12 Tu | 0136 | 0.1 / 3 | 27 W | 0206 | 0.4 / 12 |
| | 0809 | 0.9 / 27 | | 0901 | 0.7 / 21 |
| | 1526 | −0.3 / −9 | | 1626 | −0.2 / −6 |
| | 2259 | 0.4 / 12 | | | |
| 13 W ◐ | 0227 | 0.2 / 6 | 28 Th ◑ | 0028 | 0.5 / 15 |
| | 0858 | 1.0 / 30 | | 0257 | 0.4 / 12 |
| | 1634 | −0.5 / −15 | | 0941 | 0.8 / 24 |
| | | | | 1717 | −0.3 / −9 |
| 14 Th | 0016 | 0.5 / 15 | 29 F | 0116 | 0.5 / 15 |
| | 0322 | 0.3 / 9 | | 0349 | 0.4 / 12 |
| | 0954 | 1.1 / 34 | | 1022 | 0.8 / 24 |
| | 1736 | −0.7 / −21 | | 1801 | −0.4 / −12 |
| 15 F | 0116 | 0.5 / 15 | | | |
| | 0421 | 0.3 / 9 | | | |
| | 1053 | 1.2 / 37 | | | |
| | 1833 | −0.8 / −24 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Sa | 0158 | 0.5 / 15 | 16 Su | 0137 | 0.8 / 24 |
| | 0439 | 0.4 / 12 | | 0531 | 0.4 / 12 |
| | 1101 | 0.9 / 27 | | 1152 | 1.1 / 34 |
| | 1841 | −0.4 / −12 | | 1858 | −0.6 / −18 |
| 2 Su | 0235 | 0.5 / 15 | 17 M | 0217 | 0.8 / 24 |
| | 0526 | 0.4 / 12 | | 0629 | 0.3 / 9 |
| | 1138 | 0.9 / 27 | | 1254 | 1.1 / 34 |
| | 1919 | −0.5 / −15 | | 1944 | −0.5 / −15 |
| 3 M | 0309 | 0.5 / 15 | 18 Tu | 0255 | 0.8 / 24 |
| | 0612 | 0.4 / 12 | | 0725 | 0.2 / 6 |
| | 1216 | 0.9 / 27 | | 1354 | 1.0 / 30 |
| | 1955 | −0.5 / −15 | | 2026 | −0.4 / −12 |
| 4 Tu | 0337 | 0.5 / 15 | 19 W | 0329 | 0.8 / 24 |
| | 0658 | 0.3 / 9 | | 0819 | 0.1 / 3 |
| | 1256 | 1.0 / 30 | | 1455 | 0.9 / 27 |
| | 2029 | −0.4 / −12 | | 2103 | −0.2 / −6 |
| 5 W | 0400 | 0.5 / 15 | 20 Th | 0401 | 0.8 / 24 |
| | 0748 | 0.3 / 9 | | 0912 | 0.1 / 3 |
| | 1341 | 0.9 / 27 | | 1600 | 0.8 / 24 |
| | 2103 | −0.4 / −12 | | 2137 | 0.0 / 0 |
| 6 Th | 0416 | 0.5 / 15 | 21 F ○ | 0428 | 0.8 / 24 |
| | 0840 | 0.2 / 6 | | 1004 | 0.0 / 0 |
| | 1432 | 0.9 / 27 | | 1711 | 0.7 / 21 |
| | 2137 | −0.3 / −9 | | 2208 | 0.2 / 6 |
| 7 F ● | 0425 | 0.6 / 18 | 22 Sa | 0448 | 0.8 / 24 |
| | 0937 | 0.1 / 3 | | 1056 | −0.1 / −3 |
| | 1534 | 0.8 / 24 | | 1831 | 0.6 / 18 |
| | 2213 | −0.1 / −3 | | 2237 | 0.4 / 12 |
| 8 Sa | 0434 | 0.7 / 21 | 23 Su | 0452 | 0.8 / 24 |
| | 1037 | −0.1 / −3 | | 1149 | −0.1 / −3 |
| | 1654 | 0.7 / 21 | | 1957 | 0.6 / 18 |
| | 2250 | 0.0 / 0 | | 2307 | 0.5 / 15 |
| 9 Su | 0451 | 0.8 / 24 | 24 M | 0422 | 0.8 / 24 |
| | 1141 | −0.2 / −6 | | 1242 | −0.1 / −3 |
| | 1840 | 0.6 / 18 | | 2123 | 0.6 / 18 |
| | 2331 | 0.2 / 6 | | 2340 | 0.5 / 15 |
| 10 M | 0522 | 0.9 / 27 | 25 Tu | 0423 | 0.8 / 24 |
| | 1247 | −0.3 / −9 | | 1337 | −0.2 / −6 |
| | 2027 | 0.6 / 18 | | | |
| 11 Tu | 0018 | 0.3 / 9 | 26 W | 0452 | 0.8 / 24 |
| | 0607 | 1.0 / 30 | | 1432 | −0.2 / −6 |
| | 1356 | −0.5 / −15 | | | |
| | 2156 | 0.6 / 18 | | | |
| 12 W | 0114 | 0.4 / 12 | 27 Th | 0539 | 0.8 / 24 |
| | 0705 | 1.0 / 30 | | 1526 | −0.2 / −6 |
| | 1504 | −0.6 / −18 | | | |
| | 2307 | 0.7 / 21 | | | |
| 13 Th | 0217 | 0.5 / 15 | 28 F | 0015 | 0.7 / 21 |
| | 0817 | 1.1 / 34 | | 0228 | 0.6 / 18 |
| | 1609 | −0.6 / −18 | | 0645 | 0.9 / 27 |
| | | | | 1616 | −0.2 / −6 |
| 14 F ◐ | 0005 | 0.7 / 21 | 29 Sa ◑ | 0048 | 0.7 / 21 |
| | 0324 | 0.5 / 15 | | 0331 | 0.6 / 18 |
| | 0933 | 1.1 / 34 | | 0810 | 0.9 / 27 |
| | 1711 | −0.7 / −21 | | 1701 | −0.3 / −9 |
| 15 Sa | 0053 | 0.7 / 21 | 30 Su | 0117 | 0.7 / 21 |
| | 0430 | 0.5 / 15 | | 0427 | 0.6 / 18 |
| | 1046 | 1.1 / 34 | | 0937 | 0.9 / 27 |
| | 1807 | −0.7 / −21 | | 1742 | −0.3 / −9 |
| | | | 31 M | 0142 | 0.7 / 21 |
| | | | | 0518 | 0.5 / 15 |
| | | | | 1047 | 0.9 / 27 |
| | | | | 1820 | −0.3 / −9 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Amuay, Venezuela, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0203 | 0.8 | 24 |
| | 0609 | 0.4 | 12 |
| | 1149 | 0.9 | 27 |
| | 1856 | −0.2 | −6 |
| **2** W | 0217 | 0.8 | 24 |
| | 0659 | 0.3 | 9 |
| | 1250 | 0.9 | 27 |
| | 1932 | −0.1 | −3 |
| **3** Th | 0226 | 0.8 | 24 |
| | 0750 | 0.1 | 3 |
| | 1356 | 0.8 | 24 |
| | 2007 | 0.0 | 0 |
| **4** F | 0233 | 0.9 | 27 |
| | 0842 | 0.0 | 0 |
| | 1509 | 0.8 | 24 |
| | 2043 | 0.1 | 3 |
| **5** Sa ● | 0246 | 1.0 | 30 |
| | 0937 | −0.2 | −6 |
| | 1633 | 0.8 | 24 |
| | 2121 | 0.3 | 9 |
| **6** Su | 0309 | 1.1 | 34 |
| | 1033 | −0.3 | −9 |
| | 1803 | 0.7 | 21 |
| | 2204 | 0.5 | 15 |
| **7** M | 0342 | 1.2 | 37 |
| | 1132 | −0.5 | −15 |
| | 1932 | 0.8 | 24 |
| | 2252 | 0.6 | 18 |
| **8** Tu | 0425 | 1.2 | 37 |
| | 1234 | −0.5 | −15 |
| | 2051 | 0.8 | 24 |
| | 2351 | 0.7 | 21 |
| **9** W | 0517 | 1.2 | 37 |
| | 1337 | −0.6 | −18 |
| | 2157 | 0.9 | 27 |
| **10** Th | 0100 | 0.7 | 21 |
| | 0624 | 1.2 | 37 |
| | 1440 | −0.6 | −18 |
| | 2252 | 1.0 | 30 |
| **11** F | 0215 | 0.7 | 21 |
| | 0747 | 1.2 | 37 |
| | 1542 | −0.6 | −18 |
| | 2339 | 1.0 | 30 |
| **12** Sa ◐ | 0331 | 0.7 | 21 |
| | 0917 | 1.1 | 34 |
| | 1640 | −0.5 | −15 |
| **13** Su | 0021 | 1.0 | 30 |
| | 0441 | 0.6 | 18 |
| | 1039 | 1.1 | 34 |
| | 1732 | −0.4 | −12 |
| **14** M | 0059 | 1.0 | 30 |
| | 0546 | 0.5 | 15 |
| | 1153 | 1.1 | 34 |
| | 1819 | −0.3 | −9 |
| **15** Tu | 0135 | 1.1 | 34 |
| | 0645 | 0.3 | 9 |
| | 1303 | 1.0 | 30 |
| | 1901 | −0.1 | −3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0207 | 1.1 | 34 |
| | 0740 | 0.2 | 6 |
| | 1412 | 0.9 | 27 |
| | 1938 | 0.1 | 3 |
| **17** Th | 0236 | 1.1 | 34 |
| | 0831 | 0.1 | 3 |
| | 1522 | 0.8 | 24 |
| | 2011 | 0.3 | 9 |
| **18** F | 0258 | 1.1 | 34 |
| | 0919 | 0.0 | 0 |
| | 1636 | 0.8 | 24 |
| | 2039 | 0.5 | 15 |
| **19** Sa | 0310 | 1.0 | 30 |
| | 1004 | −0.1 | −3 |
| | 1754 | 0.8 | 24 |
| | 2105 | 0.6 | 18 |
| **20** Su ○ | 0255 | 1.0 | 30 |
| | 1047 | −0.2 | −6 |
| | 1918 | 0.8 | 24 |
| | 2127 | 0.7 | 21 |
| **21** M | 0233 | 1.1 | 34 |
| | 1130 | −0.2 | −6 |
| **22** Tu | 0242 | 1.1 | 34 |
| | 1215 | −0.2 | −6 |
| **23** W | 0309 | 1.1 | 34 |
| | 1301 | −0.2 | −6 |
| **24** Th | 0346 | 1.1 | 34 |
| | 1348 | −0.2 | −6 |
| **25** F | 0433 | 1.1 | 34 |
| | 1435 | −0.2 | −6 |
| | 2356 | 1.0 | 30 |
| **26** Sa | 0157 | 0.9 | 27 |
| | 0531 | 1.0 | 30 |
| | 1520 | −0.2 | −6 |
| **27** Su | 0015 | 1.0 | 30 |
| | 0311 | 0.9 | 27 |
| | 0644 | 1.0 | 30 |
| | 1602 | −0.1 | −3 |
| **28** M ◑ | 0031 | 1.0 | 30 |
| | 0415 | 0.8 | 24 |
| | 0812 | 0.9 | 27 |
| | 1642 | −0.1 | −3 |
| **29** Tu | 0044 | 1.0 | 30 |
| | 0513 | 0.6 | 18 |
| | 0954 | 0.9 | 27 |
| | 1719 | 0.0 | 0 |
| **30** W | 0052 | 1.0 | 30 |
| | 0606 | 0.4 | 12 |
| | 1136 | 0.8 | 24 |
| | 1756 | 0.1 | 3 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0057 | 1.1 | 34 |
| | 0657 | 0.2 | 6 |
| | 1306 | 0.8 | 24 |
| | 1832 | 0.2 | 6 |
| **2** F | 0105 | 1.2 | 37 |
| | 0748 | 0.0 | 0 |
| | 1431 | 0.8 | 24 |
| | 1910 | 0.4 | 12 |
| **3** Sa | 0122 | 1.3 | 40 |
| | 0839 | −0.2 | −6 |
| | 1554 | 0.8 | 24 |
| | 1950 | 0.5 | 15 |
| **4** Su | 0149 | 1.4 | 43 |
| | 0931 | −0.4 | −12 |
| | 1715 | 0.8 | 24 |
| | 2033 | 0.6 | 18 |
| **5** M ● | 0224 | 1.5 | 46 |
| | 1025 | −0.5 | −15 |
| | 1833 | 0.9 | 27 |
| | 2122 | 0.8 | 24 |
| **6** Tu | 0306 | 1.5 | 46 |
| | 1121 | −0.6 | −18 |
| | 1944 | 1.0 | 30 |
| | 2220 | 0.9 | 27 |
| **7** W | 0354 | 1.5 | 46 |
| | 1218 | −0.7 | −21 |
| | 2045 | 1.0 | 30 |
| | 2329 | 0.9 | 27 |
| **8** Th | 0450 | 1.5 | 46 |
| | 1317 | −0.6 | −18 |
| | 2138 | 1.1 | 34 |
| **9** F | 0047 | 0.9 | 27 |
| | 0559 | 1.3 | 40 |
| | 1415 | −0.6 | −18 |
| | 2224 | 1.2 | 37 |
| **10** Sa | 0211 | 0.9 | 27 |
| | 0725 | 1.2 | 37 |
| | 1510 | −0.5 | −15 |
| | 2306 | 1.2 | 37 |
| **11** Su ◐ | 0334 | 0.8 | 24 |
| | 0903 | 1.1 | 34 |
| | 1602 | −0.3 | −9 |
| | 2344 | 1.2 | 37 |
| **12** M | 0452 | 0.6 | 18 |
| | 1035 | 1.0 | 30 |
| | 1650 | −0.1 | −3 |
| **13** Tu | 0019 | 1.3 | 40 |
| | 0600 | 0.4 | 12 |
| | 1158 | 0.9 | 27 |
| | 1732 | 0.1 | 3 |
| **14** W | 0051 | 1.3 | 40 |
| | 0700 | 0.2 | 6 |
| | 1317 | 0.9 | 27 |
| | 1810 | 0.3 | 9 |
| **15** Th | 0120 | 1.3 | 40 |
| | 0751 | 0.1 | 3 |
| | 1433 | 0.8 | 24 |
| | 1843 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0143 | 1.3 | 40 |
| | 0837 | −0.1 | −3 |
| | 1550 | 0.8 | 24 |
| | 1912 | 0.6 | 18 |
| **17** Sa | 0158 | 1.3 | 40 |
| | 0918 | −0.2 | −6 |
| | 1707 | 0.9 | 27 |
| | 1936 | 0.8 | 24 |
| **18** Su | 0155 | 1.3 | 40 |
| | 0956 | −0.2 | −6 |
| **19** M ○ | 0138 | 1.3 | 40 |
| | 1034 | −0.2 | −6 |
| **20** Tu | 0142 | 1.3 | 40 |
| | 1111 | −0.2 | −6 |
| **21** W | 0205 | 1.3 | 40 |
| | 1150 | −0.2 | −6 |
| **22** Th | 0236 | 1.3 | 40 |
| | 1230 | −0.2 | −6 |
| **23** F | 0314 | 1.3 | 40 |
| | 1310 | −0.2 | −6 |
| **24** Sa | 0358 | 1.2 | 37 |
| | 1350 | −0.2 | −6 |
| | 2321 | 1.1 | 34 |
| **25** Su | 0126 | 1.0 | 30 |
| | 0450 | 1.1 | 34 |
| | 1429 | −0.1 | −3 |
| | 2328 | 1.1 | 34 |
| **26** M | 0252 | 0.9 | 27 |
| | 0554 | 1.0 | 30 |
| | 1507 | −0.1 | −3 |
| | 2335 | 1.1 | 34 |
| **27** Tu ◑ | 0404 | 0.8 | 24 |
| | 0721 | 0.9 | 27 |
| | 1544 | 0.0 | 0 |
| | 2338 | 1.1 | 34 |
| **28** W | 0506 | 0.5 | 15 |
| | 0932 | 0.7 | 21 |
| | 1620 | 0.2 | 6 |
| | 2340 | 1.2 | 37 |
| **29** Th | 0600 | 0.3 | 9 |
| | 1207 | 0.7 | 21 |
| | 1658 | 0.3 | 9 |
| | 2347 | 1.4 | 43 |
| **30** F | 0651 | 0.0 | 0 |
| | 1346 | 0.7 | 21 |
| | 1737 | 0.4 | 12 |
| **31** Sa | 0008 | 1.5 | 46 |
| | 0741 | −0.2 | −6 |
| | 1508 | 0.7 | 21 |
| | 1819 | 0.6 | 18 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0038 | 1.6 | 49 |
| | 0831 | −0.4 | −12 |
| | 1622 | 0.8 | 24 |
| | 1904 | 0.7 | 21 |
| **2** M | 0116 | 1.7 | 52 |
| | 0922 | −0.6 | −18 |
| | 1730 | 0.9 | 27 |
| | 1955 | 0.8 | 24 |
| **3** Tu ● | 0159 | 1.7 | 52 |
| | 1014 | −0.7 | −21 |
| | 1832 | 1.0 | 30 |
| | 2052 | 0.9 | 27 |
| **4** W | 0247 | 1.7 | 52 |
| | 1107 | −0.7 | −21 |
| | 1929 | 1.0 | 30 |
| | 2158 | 0.9 | 27 |
| **5** Th | 0339 | 1.6 | 49 |
| | 1200 | −0.7 | −21 |
| | 2019 | 1.1 | 34 |
| | 2312 | 1.0 | 30 |
| **6** F | 0437 | 1.5 | 46 |
| | 1253 | −0.6 | −18 |
| | 2105 | 1.2 | 37 |
| **7** Sa | 0034 | 0.9 | 27 |
| | 0544 | 1.3 | 40 |
| | 1345 | −0.5 | −15 |
| | 2147 | 1.2 | 37 |
| **8** Su | 0202 | 0.8 | 24 |
| | 0711 | 1.1 | 34 |
| | 1434 | −0.3 | −9 |
| | 2226 | 1.3 | 40 |
| **9** M | 0332 | 0.7 | 21 |
| | 0857 | 1.0 | 30 |
| | 1520 | −0.1 | −3 |
| | 2302 | 1.3 | 40 |
| **10** Tu ◐ | 0457 | 0.5 | 15 |
| | 1038 | 0.8 | 24 |
| | 1602 | 0.1 | 3 |
| | 2335 | 1.4 | 43 |
| **11** W | 0607 | 0.3 | 9 |
| | 1209 | 0.8 | 24 |
| | 1640 | 0.3 | 9 |
| **12** Th | 0006 | 1.4 | 43 |
| | 0702 | 0.1 | 3 |
| | 1332 | 0.8 | 24 |
| | 1716 | 0.5 | 15 |
| **13** F | 0033 | 1.4 | 43 |
| | 0748 | −0.1 | −3 |
| | 1451 | 0.8 | 24 |
| | 1747 | 0.7 | 21 |
| **14** Sa | 0056 | 1.4 | 43 |
| | 0828 | −0.2 | −6 |
| | 1606 | 0.8 | 24 |
| | 1815 | 0.7 | 21 |
| **15** Su | 0109 | 1.4 | 43 |
| | 0904 | −0.2 | −6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0109 | 1.4 | 43 |
| | 0939 | −0.3 | −9 |
| **17** Tu | 0109 | 1.4 | 43 |
| | 1013 | −0.3 | −9 |
| **18** W ○ | 0124 | 1.4 | 43 |
| | 1048 | −0.3 | −9 |
| **19** Th | 0151 | 1.4 | 43 |
| | 1123 | −0.3 | −9 |
| **20** F | 0223 | 1.4 | 43 |
| | 1157 | −0.3 | −9 |
| **21** Sa | 0301 | 1.3 | 40 |
| | 1232 | −0.2 | −6 |
| **22** Su | 0342 | 1.2 | 37 |
| | 1306 | −0.1 | −3 |
| | 2218 | 1.0 | 30 |
| **23** M | 0107 | 0.9 | 27 |
| | 0432 | 1.1 | 34 |
| | 1340 | 0.0 | 0 |
| | 2221 | 1.1 | 34 |
| **24** Tu | 0233 | 0.8 | 24 |
| | 0536 | 0.9 | 27 |
| | 1415 | 0.1 | 3 |
| | 2222 | 1.1 | 34 |
| **25** W | 0349 | 0.6 | 18 |
| | 0714 | 0.7 | 21 |
| | 1450 | 0.2 | 6 |
| | 2221 | 1.2 | 37 |
| **26** Th ◑ | 0452 | 0.3 | 9 |
| | 1104 | 0.6 | 18 |
| | 1528 | 0.3 | 9 |
| | 2231 | 1.4 | 43 |
| **27** F | 0548 | 0.1 | 3 |
| | 1257 | 0.6 | 18 |
| | 1609 | 0.5 | 15 |
| | 2255 | 1.5 | 46 |
| **28** Sa | 0639 | −0.2 | −6 |
| | 1417 | 0.7 | 21 |
| | 1654 | 0.6 | 18 |
| | 2331 | 1.7 | 52 |
| **29** Su | 0729 | −0.4 | −12 |
| | 1524 | 0.8 | 24 |
| | 1744 | 0.7 | 21 |
| **30** M | 0013 | 1.7 | 52 |
| | 0819 | −0.6 | −18 |
| | 1622 | 0.9 | 27 |
| | 1838 | 0.8 | 24 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Amuay, Venezuela, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0100 | 1.8 | 55 |
| | 0909 | −0.7 | −21 |
| | 1715 | 0.9 | 27 |
| | 1937 | 0.8 | 24 |
| **2** W ● | 0150 | 1.8 | 55 |
| | 0959 | −0.7 | −21 |
| | 1805 | 1.0 | 30 |
| | 2040 | 0.9 | 27 |
| **3** Th | 0241 | 1.7 | 52 |
| | 1049 | −0.7 | −21 |
| | 1852 | 1.0 | 30 |
| | 2148 | 0.9 | 27 |
| **4** F | 0335 | 1.6 | 49 |
| | 1137 | −0.6 | −18 |
| | 1937 | 1.1 | 34 |
| | 2301 | 0.9 | 27 |
| **5** Sa | 0433 | 1.4 | 43 |
| | 1224 | −0.4 | −12 |
| | 2020 | 1.2 | 37 |
| **6** Su | 0022 | 0.8 | 24 |
| | 0542 | 1.2 | 37 |
| | 1309 | −0.2 | −6 |
| | 2100 | 1.2 | 37 |
| **7** M | 0149 | 0.7 | 21 |
| | 0717 | 1.0 | 30 |
| | 1352 | 0.0 | 0 |
| | 2138 | 1.3 | 40 |
| **8** Tu | 0321 | 0.5 | 15 |
| | 0909 | 0.8 | 24 |
| | 1433 | 0.2 | 6 |
| | 2214 | 1.3 | 40 |
| **9** W | 0448 | 0.3 | 9 |
| | 1051 | 0.7 | 21 |
| | 1512 | 0.4 | 12 |
| | 2248 | 1.4 | 43 |
| **10** Th ◐ | 0554 | 0.2 | 6 |
| | 1222 | 0.7 | 21 |
| | 1549 | 0.5 | 15 |
| | 2320 | 1.4 | 43 |
| **11** F | 0644 | 0.0 | 0 |
| | 1342 | 0.8 | 24 |
| | 1626 | 0.7 | 21 |
| | 2349 | 1.4 | 43 |
| **12** Sa | 0726 | −0.1 | −3 |
| | 1452 | 0.8 | 24 |
| | 1703 | 0.7 | 21 |
| **13** Su | 0014 | 1.4 | 43 |
| | 0802 | −0.2 | −6 |
| **14** M | 0033 | 1.4 | 43 |
| | 0837 | −0.2 | −6 |
| **15** Tu | 0046 | 1.4 | 43 |
| | 0910 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0059 | 1.4 | 43 |
| | 0943 | −0.3 | −9 |
| **17** Th | 0120 | 1.4 | 43 |
| | 1015 | −0.3 | −9 |
| **18** F ○ | 0147 | 1.4 | 43 |
| | 1047 | −0.2 | −6 |
| **19** Sa | 0221 | 1.4 | 43 |
| | 1119 | −0.2 | −6 |
| **20** Su | 0259 | 1.3 | 40 |
| | 1150 | −0.1 | −3 |
| | 2036 | 1.0 | 30 |
| | 2334 | 0.9 | 27 |
| **21** M | 0344 | 1.1 | 34 |
| | 1221 | 0.0 | 0 |
| | 2043 | 1.0 | 30 |
| **22** Tu | 0054 | 0.8 | 24 |
| | 0441 | 1.0 | 30 |
| | 1253 | 0.2 | 6 |
| | 2043 | 1.1 | 34 |
| **23** W | 0213 | 0.6 | 18 |
| | 0605 | 0.8 | 24 |
| | 1327 | 0.3 | 9 |
| | 2044 | 1.2 | 37 |
| **24** Th | 0326 | 0.4 | 12 |
| | 1009 | 0.6 | 18 |
| | 1405 | 0.5 | 15 |
| | 2101 | 1.4 | 43 |
| **25** F ◑ | 0431 | 0.1 | 3 |
| | 1203 | 0.7 | 21 |
| | 1448 | 0.6 | 18 |
| | 2135 | 1.5 | 46 |
| **26** Sa | 0529 | −0.1 | −3 |
| | 1321 | 0.8 | 24 |
| | 1538 | 0.7 | 21 |
| | 2220 | 1.6 | 49 |
| **27** Su | 0622 | −0.3 | −9 |
| | 1420 | 0.8 | 24 |
| | 1635 | 0.7 | 21 |
| | 2310 | 1.7 | 52 |
| **28** M | 0714 | −0.5 | −15 |
| | 1510 | 0.9 | 27 |
| | 1735 | 0.8 | 24 |
| **29** Tu | 0003 | 1.8 | 55 |
| | 0803 | −0.5 | −15 |
| | 1555 | 1.0 | 30 |
| | 1836 | 0.8 | 24 |
| **30** W | 0056 | 1.8 | 55 |
| | 0852 | −0.6 | −18 |
| | 1638 | 1.0 | 30 |
| | 1937 | 0.8 | 24 |
| **31** Th | 0150 | 1.7 | 52 |
| | 0938 | −0.5 | −15 |
| | 1721 | 1.0 | 30 |
| | 2040 | 0.8 | 24 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0244 | 1.6 | 49 |
| | 1023 | −0.4 | −12 |
| | 1802 | 1.1 | 34 |
| | 2146 | 0.8 | 24 |
| **2** Sa | 0341 | 1.5 | 46 |
| | 1106 | −0.3 | −9 |
| | 1843 | 1.1 | 34 |
| | 2256 | 0.7 | 21 |
| **3** Su | 0444 | 1.3 | 40 |
| | 1147 | −0.1 | −3 |
| | 1922 | 1.2 | 37 |
| **4** M | 0011 | 0.6 | 18 |
| | 0606 | 1.1 | 34 |
| | 1226 | 0.1 | 3 |
| | 2000 | 1.2 | 37 |
| **5** Tu | 0131 | 0.5 | 15 |
| | 0750 | 0.9 | 27 |
| | 1304 | 0.3 | 9 |
| | 2038 | 1.3 | 40 |
| **6** W | 0255 | 0.4 | 12 |
| | 0935 | 0.8 | 24 |
| | 1342 | 0.5 | 15 |
| | 2115 | 1.3 | 40 |
| **7** Th | 0413 | 0.3 | 9 |
| | 1110 | 0.8 | 24 |
| | 1421 | 0.7 | 21 |
| | 2152 | 1.3 | 40 |
| **8** F ◐ | 0515 | 0.1 | 3 |
| | 1231 | 0.9 | 27 |
| | 1504 | 0.8 | 24 |
| | 2227 | 1.4 | 43 |
| **9** Sa | 0604 | 0.0 | 0 |
| | 1337 | 0.9 | 27 |
| | 1550 | 0.8 | 24 |
| | 2302 | 1.4 | 43 |
| **10** Su | 0645 | 0.0 | 0 |
| | 1430 | 1.0 | 30 |
| | 1638 | 0.9 | 27 |
| | 2333 | 1.4 | 43 |
| **11** M | 0721 | −0.1 | −3 |
| | 1517 | 1.0 | 30 |
| | 1724 | 0.9 | 27 |
| **12** Tu | 0000 | 1.4 | 43 |
| | 0755 | −0.1 | −3 |
| | 1559 | 1.0 | 30 |
| | 1809 | 0.9 | 27 |
| **13** W | 0024 | 1.4 | 43 |
| | 0828 | −0.1 | −3 |
| | 1638 | 1.0 | 30 |
| | 1853 | 0.9 | 27 |
| **14** Th | 0048 | 1.5 | 46 |
| | 0900 | −0.1 | −3 |
| | 1714 | 1.0 | 30 |
| | 1939 | 0.9 | 27 |
| **15** F | 0117 | 1.4 | 43 |
| | 0931 | −0.1 | −3 |
| | 1745 | 1.0 | 30 |
| | 2029 | 0.9 | 27 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0150 | 1.4 | 43 |
| | 1002 | 0.0 | 0 |
| | 1809 | 1.0 | 30 |
| | 2125 | 0.9 | 27 |
| **17** Su | 0230 | 1.3 | 40 |
| | 1032 | 0.1 | 3 |
| | 1823 | 1.0 | 30 |
| | 2226 | 0.8 | 24 |
| **18** M | 0318 | 1.2 | 37 |
| | 1103 | 0.2 | 6 |
| | 1828 | 1.1 | 34 |
| | 2332 | 0.7 | 21 |
| **19** Tu | 0421 | 1.0 | 30 |
| | 1134 | 0.4 | 12 |
| | 1825 | 1.2 | 37 |
| **20** W | 0042 | 0.5 | 15 |
| | 0613 | 0.9 | 27 |
| | 1208 | 0.5 | 15 |
| | 1837 | 1.3 | 40 |
| **21** Th | 0152 | 0.3 | 9 |
| | 0919 | 0.8 | 24 |
| | 1246 | 0.7 | 21 |
| | 1909 | 1.4 | 43 |
| **22** F | 0301 | 0.2 | 6 |
| | 1103 | 0.9 | 27 |
| | 1332 | 0.8 | 24 |
| | 1956 | 1.5 | 46 |
| **23** Sa ◑ | 0406 | 0.0 | 0 |
| | 1217 | 1.0 | 30 |
| | 1430 | 0.9 | 27 |
| | 2055 | 1.6 | 49 |
| **24** Su | 0505 | −0.2 | −6 |
| | 1311 | 1.0 | 30 |
| | 1535 | 0.9 | 27 |
| | 2158 | 1.7 | 52 |
| **25** M | 0601 | −0.3 | −9 |
| | 1355 | 1.1 | 34 |
| | 1641 | 1.0 | 30 |
| | 2301 | 1.8 | 55 |
| **26** Tu | 0652 | −0.3 | −9 |
| | 1436 | 1.1 | 34 |
| | 1745 | 0.9 | 27 |
| **27** W | 0002 | 1.8 | 55 |
| | 0740 | −0.3 | −9 |
| | 1514 | 1.2 | 37 |
| | 1846 | 0.9 | 27 |
| **28** Th | 0101 | 1.7 | 52 |
| | 0826 | −0.3 | −9 |
| | 1552 | 1.2 | 37 |
| | 1947 | 0.8 | 24 |
| **29** F | 0159 | 1.6 | 49 |
| | 0908 | −0.1 | −3 |
| | 1628 | 1.2 | 37 |
| | 2048 | 0.7 | 21 |
| **30** Sa ● | 0259 | 1.5 | 46 |
| | 0948 | 0.0 | 0 |
| | 1704 | 1.3 | 40 |
| | 2150 | 0.7 | 21 |
| **31** Su | 0405 | 1.3 | 40 |
| | 1026 | 0.2 | 6 |
| | 1738 | 1.3 | 40 |
| | 2254 | 0.6 | 18 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0523 | 1.2 | 37 |
| | 1101 | 0.4 | 12 |
| | 1811 | 1.3 | 40 |
| **2** Tu | 0000 | 0.5 | 15 |
| | 0654 | 1.0 | 30 |
| | 1135 | 0.6 | 18 |
| | 1842 | 1.3 | 40 |
| **3** W | 0108 | 0.4 | 12 |
| | 0832 | 1.0 | 30 |
| | 1209 | 0.8 | 24 |
| | 1913 | 1.3 | 40 |
| **4** Th | 0216 | 0.3 | 9 |
| | 1007 | 1.0 | 30 |
| | 1246 | 0.9 | 27 |
| | 1945 | 1.3 | 40 |
| **5** F | 0322 | 0.3 | 9 |
| | 1128 | 1.0 | 30 |
| | 1330 | 0.9 | 27 |
| | 2021 | 1.4 | 43 |
| **6** Sa | 0419 | 0.2 | 6 |
| | 2105 | 1.4 | 43 |
| **7** Su ◐ | 0508 | 0.2 | 6 |
| | 1316 | 1.1 | 34 |
| | 1526 | 1.0 | 30 |
| | 2152 | 1.4 | 43 |
| **8** M | 0549 | 0.1 | 3 |
| | 1354 | 1.2 | 37 |
| | 1623 | 1.1 | 34 |
| | 2236 | 1.4 | 43 |
| **9** Tu | 0627 | 0.1 | 3 |
| | 1428 | 1.2 | 37 |
| | 1716 | 1.1 | 34 |
| | 2315 | 1.5 | 46 |
| **10** W | 0702 | 0.1 | 3 |
| | 1459 | 1.2 | 37 |
| | 1806 | 1.0 | 30 |
| | 2353 | 1.5 | 46 |
| **11** Th | 0735 | 0.1 | 3 |
| | 1527 | 1.2 | 37 |
| | 1854 | 1.0 | 30 |
| **12** F | 0032 | 1.4 | 43 |
| | 0807 | 0.1 | 3 |
| | 1550 | 1.2 | 37 |
| | 1944 | 0.9 | 27 |
| **13** Sa | 0115 | 1.4 | 43 |
| | 0838 | 0.2 | 6 |
| | 1605 | 1.2 | 37 |
| | 2035 | 0.8 | 24 |
| **14** Su | 0205 | 1.3 | 40 |
| | 0909 | 0.3 | 9 |
| | 1612 | 1.2 | 37 |
| | 2129 | 0.7 | 21 |
| **15** M ○ | 0307 | 1.2 | 37 |
| | 0940 | 0.5 | 15 |
| | 1612 | 1.3 | 40 |
| | 2225 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0430 | 1.1 | 34 |
| | 1012 | 0.6 | 18 |
| | 1619 | 1.4 | 43 |
| | 2325 | 0.4 | 12 |
| **17** W | 0628 | 1.0 | 30 |
| | 1047 | 0.8 | 24 |
| | 1642 | 1.5 | 46 |
| **18** Th | 0028 | 0.2 | 6 |
| | 0824 | 1.0 | 30 |
| | 1126 | 0.9 | 27 |
| | 1720 | 1.6 | 49 |
| **19** F | 0132 | 0.1 | 3 |
| | 0957 | 1.1 | 34 |
| | 1215 | 1.0 | 30 |
| | 1810 | 1.7 | 52 |
| **20** Sa | 0237 | 0.0 | 0 |
| | 1107 | 1.2 | 37 |
| | 1319 | 1.1 | 34 |
| | 1914 | 1.7 | 52 |
| **21** Su | 0340 | −0.1 | −3 |
| | 1158 | 1.2 | 37 |
| | 1433 | 1.1 | 34 |
| | 2029 | 1.7 | 52 |
| **22** M ◑ | 0439 | −0.2 | −6 |
| | 1241 | 1.3 | 40 |
| | 1546 | 1.1 | 34 |
| | 2147 | 1.7 | 52 |
| **23** Tu | 0533 | −0.2 | −6 |
| | 1319 | 1.3 | 40 |
| | 1656 | 1.1 | 34 |
| | 2300 | 1.7 | 52 |
| **24** W | 0623 | −0.1 | −3 |
| | 1355 | 1.4 | 43 |
| | 1801 | 1.0 | 30 |
| **25** Th | 0008 | 1.7 | 52 |
| | 0709 | 0.0 | 0 |
| | 1430 | 1.4 | 43 |
| | 1902 | 0.9 | 27 |
| **26** F | 0114 | 1.6 | 49 |
| | 0751 | 0.1 | 3 |
| | 1503 | 1.4 | 43 |
| | 2002 | 0.7 | 21 |
| **27** Sa | 0221 | 1.5 | 46 |
| | 0829 | 0.3 | 9 |
| | 1533 | 1.5 | 46 |
| | 2059 | 0.6 | 18 |
| **28** Su | 0331 | 1.3 | 40 |
| | 0904 | 0.5 | 15 |
| | 1601 | 1.5 | 46 |
| | 2156 | 0.5 | 15 |
| **29** M ● | 0448 | 1.2 | 37 |
| | 0936 | 0.7 | 21 |
| | 1625 | 1.5 | 46 |
| | 2251 | 0.4 | 12 |
| **30** Tu | 0612 | 1.1 | 34 |
| | 1005 | 0.9 | 27 |
| | 1640 | 1.5 | 46 |
| | 2347 | 0.4 | 12 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Amuay, Venezuela, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 W | 0743 | 1.1 / 34 | 16 Th | 0723 | 1.1 / 34 |
| | 1033 | 1.0 / 30 | | 1002 | 1.0 / 30 |
| | 1639 | 1.5 / 46 | | 1554 | 1.8 / 55 |
| 2 Th | 0042 | 0.3 / 9 | 17 F | 0013 | −0.1 / −3 |
| | 1633 | 1.5 / 46 | | 0847 | 1.2 / 37 |
| | | | | 1052 | 1.1 / 34 |
| | | | | 1641 | 1.8 / 55 |
| 3 F | 0137 | 0.3 / 9 | 18 Sa | 0113 | −0.1 / −3 |
| | 1651 | 1.5 / 46 | | 0953 | 1.3 / 40 |
| | | | | 1158 | 1.2 / 37 |
| | | | | 1738 | 1.8 / 55 |
| 4 Sa | 0231 | 0.3 / 9 | 19 Su | 0214 | −0.2 / −6 |
| | 1728 | 1.5 / 46 | | 1043 | 1.4 / 43 |
| | | | | 1317 | 1.3 / 40 |
| | | | | 1848 | 1.8 / 55 |
| 5 Su | 0321 | 0.2 / 6 | 20 M | 0313 | −0.2 / −6 |
| | 1821 | 1.5 / 46 | | 1126 | 1.4 / 43 |
| | | | | 1439 | 1.2 / 37 |
| | | | | 2012 | 1.7 / 52 |
| 6 M | 0407 | 0.2 / 6 | 21 Tu ◑ | 0409 | −0.1 / −3 |
| | 1248 | 1.3 / 40 | | 1204 | 1.5 / 46 |
| | 1503 | 1.2 / 37 | | 1558 | 1.1 / 34 |
| | 1931 | 1.4 / 43 | | 2140 | 1.6 / 49 |
| 7 Tu ◐ | 0449 | 0.2 / 6 | 22 W | 0500 | −0.1 / −3 |
| | 1313 | 1.3 / 40 | | 1239 | 1.5 / 46 |
| | 1609 | 1.2 / 37 | | 1711 | 1.0 / 30 |
| | 2051 | 1.4 / 43 | | 2303 | 1.5 / 46 |
| 8 W | 0527 | 0.2 / 6 | 23 Th | 0547 | 0.1 / 3 |
| | 1337 | 1.3 / 40 | | 1313 | 1.5 / 46 |
| | 1707 | 1.1 / 34 | | 1818 | 0.8 / 24 |
| | 2207 | 1.4 / 43 | | | |
| 9 Th | 0602 | 0.2 / 6 | 24 F | 0021 | 1.4 / 43 |
| | 1358 | 1.3 / 40 | | 0629 | 0.2 / 6 |
| | 1801 | 1.0 / 30 | | 1345 | 1.6 / 49 |
| | 2314 | 1.4 / 43 | | 1920 | 0.7 / 21 |
| 10 F | 0635 | 0.3 / 9 | 25 Sa | 0136 | 1.3 / 40 |
| | 1414 | 1.4 / 43 | | 0708 | 0.4 / 12 |
| | 1852 | 0.9 / 27 | | 1414 | 1.6 / 49 |
| | | | | 2016 | 0.5 / 15 |
| 11 Sa | 0020 | 1.3 / 40 | 26 Su | 0251 | 1.2 / 37 |
| | 0708 | 0.4 / 12 | | 0742 | 0.6 / 18 |
| | 1423 | 1.4 / 43 | | 1440 | 1.6 / 49 |
| | 1943 | 0.7 / 21 | | 2109 | 0.4 / 12 |
| 12 Su | 0129 | 1.2 / 37 | 27 M | 0409 | 1.2 / 37 |
| | 0740 | 0.5 / 15 | | 0812 | 0.8 / 24 |
| | 1426 | 1.5 / 46 | | 1500 | 1.6 / 49 |
| | 2033 | 0.6 / 18 | | 2159 | 0.2 / 6 |
| 13 M | 0247 | 1.2 / 37 | 28 Tu ● | 0530 | 1.1 / 34 |
| | 0812 | 0.6 / 18 | | 0838 | 1.0 / 30 |
| | 1431 | 1.5 / 46 | | 1509 | 1.6 / 49 |
| | 2125 | 0.4 / 12 | | 2246 | 0.2 / 6 |
| 14 Tu ○ | 0415 | 1.1 / 34 | 29 W | 0658 | 1.1 / 34 |
| | 0845 | 0.8 / 24 | | 0858 | 1.0 / 30 |
| | 1448 | 1.7 / 52 | | 1500 | 1.6 / 49 |
| | 2218 | 0.2 / 6 | | 2332 | 0.1 / 3 |
| 15 W | 0549 | 1.1 / 34 | 30 Th | 1458 | 1.6 / 49 |
| | 0921 | 0.9 / 27 | | | |
| | 1516 | 1.7 / 52 | | | |
| | 2314 | 0.1 / 3 | | | |
| | | | 31 F | 0017 | 0.1 / 3 |
| | | | | 1515 | 1.6 / 49 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 Sa | 0102 | 0.1 / 3 | 16 Su | 0054 | −0.4 / −12 |
| | 1546 | 1.6 / 49 | | 0923 | 1.2 / 37 |
| | | | | 1148 | 1.1 / 34 |
| | | | | 1723 | 1.7 / 52 |
| 2 Su | 0147 | 0.1 / 3 | 17 M | 0150 | −0.4 / −12 |
| | 1626 | 1.5 / 46 | | 1007 | 1.3 / 40 |
| | | | | 1313 | 1.1 / 34 |
| | | | | 1835 | 1.6 / 49 |
| 3 M | 0230 | 0.1 / 3 | 18 Tu | 0244 | −0.3 / −9 |
| | 1714 | 1.5 / 46 | | 1046 | 1.4 / 43 |
| | | | | 1441 | 1.0 / 30 |
| | | | | 2003 | 1.4 / 43 |
| 4 Tu | 0311 | 0.1 / 3 | 19 W | 0335 | −0.2 / −6 |
| | 1214 | 1.3 / 40 | | 1123 | 1.4 / 43 |
| | 1437 | 1.2 / 37 | | 1606 | 0.9 / 27 |
| | 1813 | 1.4 / 43 | ◑ | 2141 | 1.3 / 40 |
| 5 W | 0350 | 0.2 / 6 | 20 Th | 0422 | 0.0 / 0 |
| | 1229 | 1.3 / 40 | | 1158 | 1.5 / 46 |
| | 1554 | 1.2 / 37 | | 1724 | 0.7 / 21 |
| | 1925 | 1.3 / 40 | | 2313 | 1.1 / 34 |
| 6 Th ◐ | 0426 | 0.2 / 6 | 21 F | 0506 | 0.1 / 3 |
| | 1243 | 1.3 / 40 | | 1231 | 1.5 / 46 |
| | 1658 | 1.0 / 30 | | 1833 | 0.5 / 15 |
| | 2055 | 1.2 / 37 | | | |
| 7 F | 0501 | 0.3 / 9 | 22 Sa | 0038 | 1.0 / 30 |
| | 1253 | 1.4 / 43 | | 0545 | 0.3 / 9 |
| | 1755 | 0.8 / 24 | | 1302 | 1.5 / 46 |
| | 2245 | 1.1 / 34 | | 1932 | 0.3 / 9 |
| 8 Sa | 0534 | 0.4 / 12 | 23 Su | 0159 | 1.0 / 30 |
| | 1257 | 1.4 / 43 | | 0621 | 0.5 / 15 |
| | 1846 | 0.6 / 18 | | 1330 | 1.5 / 46 |
| | | | | 2024 | 0.1 / 3 |
| 9 Su | 0033 | 1.0 / 30 | 24 M | 0318 | 1.0 / 30 |
| | 0608 | 0.5 / 15 | | 0652 | 0.7 / 21 |
| | 1300 | 1.5 / 46 | | 1353 | 1.5 / 46 |
| | 1936 | 0.4 / 12 | | 2111 | 0.0 / 0 |
| 10 M | 0207 | 1.0 / 30 | 25 Tu | 0437 | 1.0 / 30 |
| | 0642 | 0.6 / 18 | | 0718 | 0.8 / 24 |
| | 1310 | 1.6 / 49 | | 1409 | 1.5 / 46 |
| | 2025 | 0.2 / 6 | | 2154 | −0.1 / −3 |
| 11 Tu | 0333 | 1.0 / 30 | 26 W | 1411 | 1.5 / 46 |
| | 0717 | 0.7 / 21 | | 2234 | −0.1 / −3 |
| | 1332 | 1.7 / 52 | | | |
| | 2116 | 0.0 / 0 | | | |
| 12 W | 0456 | 1.0 / 30 | 27 Th ● | 1407 | 1.5 / 46 |
| | 0755 | 0.9 / 27 | | 2314 | −0.1 / −3 |
| | 1404 | 1.8 / 55 | | | |
| | 2208 | −0.2 / −6 | | | |
| 13 Th ○ | 0616 | 1.0 / 30 | 28 F | 1419 | 1.5 / 46 |
| | 0837 | 0.9 / 27 | | 2352 | −0.1 / −3 |
| | 1444 | 1.9 / 58 | | | |
| | 2301 | −0.3 / −9 | | | |
| 14 F | 1530 | 1.9 / 58 | 29 Sa | 1444 | 1.5 / 46 |
| | 2357 | −0.4 / −12 | | | |
| 15 Sa | 1622 | 1.8 / 55 | 30 Su | 0030 | −0.1 / −3 |
| | | | | 1516 | 1.4 / 43 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| 1 M | 0107 | −0.1 / −3 | 16 Tu | 0121 | −0.6 / −18 |
| | 1554 | 1.4 / 43 | | 0921 | 1.1 / 34 |
| | | | | 1307 | 0.8 / 24 |
| | | | | 1832 | 1.2 / 37 |
| 2 Tu | 0144 | −0.1 / −3 | 17 W | 0210 | −0.4 / −12 |
| | 1637 | 1.3 / 40 | | 1000 | 1.1 / 34 |
| | | | | 1436 | 0.7 / 21 |
| | | | | 2008 | 1.0 / 30 |
| 3 W | 0219 | 0.0 / 0 | 18 Th | 0257 | −0.2 / −6 |
| | 1128 | 1.1 / 34 | | 1038 | 1.2 / 37 |
| | 1411 | 1.0 / 30 | | 1606 | 0.5 / 15 |
| | 1729 | 1.1 / 34 | | 2153 | 0.8 / 24 |
| 4 Th | 0254 | 0.0 / 0 | 19 F | 0342 | −0.1 / −3 |
| | 1134 | 1.1 / 34 | | 1114 | 1.3 / 40 |
| | 1535 | 0.9 / 27 | | 1727 | 0.2 / 6 |
| | 1837 | 1.0 / 30 | ◑ | 2328 | 0.7 / 21 |
| 5 F ◐ | 0328 | 0.1 / 3 | 20 Sa | 0423 | 0.1 / 3 |
| | 1139 | 1.2 / 37 | | 1148 | 1.3 / 40 |
| | 1645 | 0.7 / 21 | | 1834 | 0.0 / 0 |
| | 2017 | 0.8 / 24 | | | |
| 6 Sa | 0402 | 0.2 / 6 | 21 Su | 0055 | 0.7 / 21 |
| | 1140 | 1.2 / 37 | | 0502 | 0.3 / 9 |
| | 1743 | 0.4 / 12 | | 1221 | 1.3 / 40 |
| | 2319 | 0.7 / 21 | | 1929 | −0.1 / −3 |
| 7 Su | 0437 | 0.3 / 9 | 22 M | 0215 | 0.7 / 21 |
| | 1142 | 1.3 / 40 | | 0537 | 0.5 / 15 |
| | 1834 | 0.2 / 6 | | 1251 | 1.3 / 40 |
| | | | | 2016 | −0.3 / −9 |
| 8 M | 0116 | 0.7 / 21 | 23 Tu | 0329 | 0.7 / 21 |
| | 0513 | 0.4 / 12 | | 0609 | 0.6 / 18 |
| | 1156 | 1.5 / 46 | | 1317 | 1.3 / 40 |
| | 1923 | −0.1 / −3 | | 2058 | −0.3 / −9 |
| 9 Tu | 0241 | 0.7 / 21 | 24 W | 1336 | 1.3 / 40 |
| | 0551 | 0.5 / 15 | | 2137 | −0.4 / −12 |
| | 1223 | 1.6 / 49 | | | |
| | 2013 | −0.3 / −9 | | | |
| 10 W | 0356 | 0.7 / 21 | 25 Th | 1346 | 1.3 / 40 |
| | 0632 | 0.6 / 18 | | 2214 | −0.4 / −12 |
| | 1259 | 1.7 / 52 | | | |
| | 2103 | −0.5 / −15 | | | |
| 11 Th | 0504 | 0.8 / 24 | 26 F | 1351 | 1.3 / 40 |
| | 0719 | 0.7 / 21 | | 2248 | −0.4 / −12 |
| | 1342 | 1.8 / 55 | | | |
| | 2154 | −0.6 / −18 | | | |
| 12 F ○ | 0606 | 0.8 / 24 | 27 Sa ● | 1406 | 1.2 / 37 |
| | 0811 | 0.7 / 21 | | 2321 | −0.4 / −12 |
| | 1429 | 1.8 / 55 | | | |
| | 2246 | −0.7 / −21 | | | |
| 13 Sa | 0703 | 0.9 / 27 | 28 Su | 1431 | 1.2 / 37 |
| | 0912 | 0.8 / 24 | | 2354 | −0.4 / −12 |
| | 1520 | 1.7 / 52 | | | |
| | 2338 | −0.7 / −21 | | | |
| 14 Su | 0753 | 0.9 / 27 | 29 M | 1502 | 1.2 / 37 |
| | 1023 | 0.8 / 24 | | | |
| | 1616 | 1.6 / 49 | | | |
| 15 M | 0030 | −0.7 / −21 | 30 Tu | 0026 | −0.3 / −9 |
| | 0839 | 1.0 / 30 | | 1538 | 1.1 / 34 |
| | 1141 | 0.8 / 24 | | | |
| | 1718 | 1.4 / 43 | | | |
| | | | 31 W | 0058 | −0.3 / −9 |
| | | | | 1014 | 0.8 / 24 |
| | | | | 1218 | 0.7 / 21 |
| | | | | 1621 | 0.9 / 27 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Punta Gorda, Venezuela, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0546 | 1.1 | 34 |
| | 1129 | 5.3 | 162 |
| | 1826 | 0.8 | 24 |
| **2** W | 0002 | 4.7 | 143 |
| | 0645 | 1.3 | 40 |
| | 1227 | 5.3 | 162 |
| | 1925 | 0.7 | 21 |
| **3** Th | 0111 | 4.6 | 140 |
| | 0743 | 1.4 | 43 |
| | 1327 | 5.3 | 162 |
| | 2022 | 0.4 | 12 |
| **4** F | 0217 | 4.7 | 143 |
| | 0838 | 1.3 | 40 |
| | 1423 | 5.5 | 168 |
| | 2114 | 0.1 | 3 |
| **5** Sa | 0313 | 4.9 | 149 |
| | 0929 | 1.2 | 37 |
| | 1512 | 5.7 | 174 |
| | 2201 | −0.1 | −3 |
| **6** Su | 0400 | 5.1 | 155 |
| | 1014 | 1.0 | 30 |
| | 1556 | 5.9 | 180 |
| | 2245 | −0.4 | −12 |
| **7** M | 0440 | 5.3 | 162 |
| | 1056 | 0.8 | 24 |
| | 1635 | 6.2 | 189 |
| | 2325 | −0.6 | −18 |
| **8** Tu ● | 0516 | 5.5 | 168 |
| | 1134 | 0.7 | 21 |
| | 1712 | 6.4 | 195 |
| **9** W | 0003 | −0.7 | −21 |
| | 0549 | 5.7 | 174 |
| | 1211 | 0.6 | 18 |
| | 1747 | 6.5 | 198 |
| **10** Th | 0039 | −0.8 | −24 |
| | 0623 | 5.9 | 180 |
| | 1247 | 0.4 | 12 |
| | 1824 | 6.6 | 201 |
| **11** F | 0114 | −0.7 | −21 |
| | 0657 | 6.1 | 186 |
| | 1324 | 0.3 | 9 |
| | 1902 | 6.5 | 198 |
| **12** Sa | 0149 | −0.6 | −18 |
| | 0733 | 6.2 | 189 |
| | 1403 | 0.3 | 9 |
| | 1943 | 6.3 | 192 |
| **13** Su | 0227 | −0.3 | −9 |
| | 0813 | 6.2 | 189 |
| | 1449 | 0.3 | 9 |
| | 2029 | 6.0 | 183 |
| **14** M | 0310 | 0.0 | 0 |
| | 0857 | 6.2 | 189 |
| | 1543 | 0.3 | 9 |
| | 2122 | 5.6 | 171 |
| **15** Tu ◐ | 0402 | 0.5 | 15 |
| | 0948 | 6.0 | 183 |
| | 1649 | 0.4 | 12 |
| | 2225 | 5.2 | 158 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0507 | 0.9 | 27 |
| | 1047 | 5.8 | 177 |
| | 1803 | 0.3 | 9 |
| | 2341 | 4.8 | 146 |
| **17** Th | 0622 | 1.1 | 34 |
| | 1156 | 5.7 | 174 |
| | 1918 | 0.1 | 3 |
| **18** F | 0109 | 4.7 | 143 |
| | 0736 | 1.1 | 34 |
| | 1313 | 5.7 | 174 |
| | 2026 | −0.3 | −9 |
| **19** Sa | 0232 | 4.9 | 149 |
| | 0844 | 0.9 | 27 |
| | 1428 | 5.9 | 180 |
| | 2128 | −0.8 | −24 |
| **20** Su | 0341 | 5.3 | 162 |
| | 0944 | 0.5 | 15 |
| | 1532 | 6.2 | 189 |
| | 2222 | −1.2 | −37 |
| **21** M | 0436 | 5.6 | 171 |
| | 1037 | 0.1 | 3 |
| | 1627 | 6.5 | 198 |
| | 2311 | −1.5 | −46 |
| **22** Tu ○ | 0522 | 5.9 | 180 |
| | 1125 | −0.2 | −6 |
| | 1715 | 6.7 | 204 |
| | 2356 | −1.6 | −49 |
| **23** W | 0603 | 6.1 | 186 |
| | 1210 | −0.4 | −12 |
| | 1759 | 6.8 | 207 |
| **24** Th | 0039 | −1.5 | −46 |
| | 0640 | 6.2 | 189 |
| | 1253 | −0.5 | −15 |
| | 1839 | 6.7 | 204 |
| **25** F | 0119 | −1.3 | −40 |
| | 0715 | 6.2 | 189 |
| | 1334 | −0.4 | −12 |
| | 1917 | 6.4 | 195 |
| **26** Sa | 0158 | −0.9 | −27 |
| | 0748 | 6.1 | 186 |
| | 1416 | −0.3 | −9 |
| | 1955 | 6.1 | 186 |
| **27** Su | 0236 | −0.4 | −12 |
| | 0822 | 5.9 | 180 |
| | 1458 | −0.1 | −3 |
| | 2033 | 5.7 | 174 |
| **28** M | 0316 | 0.1 | 3 |
| | 0857 | 5.7 | 174 |
| | 1544 | 0.1 | 3 |
| | 2114 | 5.3 | 162 |
| **29** Tu | 0359 | 0.6 | 18 |
| | 0935 | 5.4 | 165 |
| | 1635 | 0.4 | 12 |
| | 2202 | 4.8 | 146 |
| **30** W ◑ | 0450 | 1.1 | 34 |
| | 1021 | 5.1 | 155 |
| | 1734 | 0.6 | 18 |
| | 2259 | 4.4 | 134 |
| **31** Th | 0552 | 1.4 | 43 |
| | 1118 | 4.9 | 149 |
| | 1839 | 0.6 | 18 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0010 | 4.1 | 125 |
| | 0659 | 1.5 | 46 |
| | 1227 | 4.8 | 146 |
| | 1944 | 0.5 | 15 |
| **2** Sa | 0130 | 4.1 | 125 |
| | 0804 | 1.4 | 43 |
| | 1339 | 4.9 | 149 |
| | 2044 | 0.2 | 6 |
| **3** Su | 0240 | 4.3 | 131 |
| | 0901 | 1.2 | 37 |
| | 1442 | 5.1 | 155 |
| | 2136 | −0.1 | −3 |
| **4** M | 0335 | 4.6 | 140 |
| | 0951 | 0.9 | 27 |
| | 1533 | 5.5 | 168 |
| | 2221 | −0.5 | −15 |
| **5** Tu | 0417 | 5.0 | 152 |
| | 1035 | 0.5 | 15 |
| | 1617 | 5.8 | 177 |
| | 2302 | −0.8 | −24 |
| **6** W ● | 0454 | 5.4 | 165 |
| | 1115 | 0.2 | 6 |
| | 1656 | 6.2 | 189 |
| | 2340 | −1.0 | −30 |
| **7** Th | 0527 | 5.7 | 174 |
| | 1152 | −0.2 | −6 |
| | 1733 | 6.4 | 195 |
| **8** F | 0016 | −1.1 | −34 |
| | 0600 | 6.1 | 186 |
| | 1229 | −0.4 | −12 |
| | 1811 | 6.5 | 198 |
| **9** Sa | 0050 | −1.0 | −30 |
| | 0634 | 6.3 | 192 |
| | 1306 | −0.6 | −18 |
| | 1849 | 6.5 | 198 |
| **10** Su | 0126 | −0.9 | −27 |
| | 0709 | 6.5 | 198 |
| | 1345 | −0.7 | −21 |
| | 1930 | 6.3 | 192 |
| **11** M | 0203 | −0.5 | −15 |
| | 0747 | 6.5 | 198 |
| | 1429 | −0.6 | −18 |
| | 2015 | 5.9 | 180 |
| **12** Tu | 0245 | −0.1 | −3 |
| | 0830 | 6.3 | 192 |
| | 1521 | −0.4 | −12 |
| | 2105 | 5.5 | 168 |
| **13** W ◐ | 0336 | 0.4 | 12 |
| | 0918 | 6.0 | 183 |
| | 1624 | −0.1 | −3 |
| | 2205 | 4.9 | 149 |
| **14** Th | 0442 | 0.9 | 27 |
| | 1017 | 5.6 | 171 |
| | 1739 | 0.1 | 3 |
| | 2323 | 4.5 | 137 |
| **15** F | 0602 | 1.2 | 37 |
| | 1130 | 5.3 | 162 |
| | 1859 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0059 | 4.3 | 131 |
| | 0722 | 1.2 | 37 |
| | 1259 | 5.2 | 158 |
| | 2011 | −0.3 | −9 |
| **17** Su | 0229 | 4.6 | 140 |
| | 0833 | 0.8 | 24 |
| | 1422 | 5.4 | 165 |
| | 2114 | −0.7 | −21 |
| **18** M | 0336 | 5.1 | 155 |
| | 0933 | 0.3 | 9 |
| | 1529 | 5.8 | 177 |
| | 2208 | −1.1 | −34 |
| **19** Tu | 0426 | 5.5 | 168 |
| | 1024 | −0.2 | −6 |
| | 1622 | 6.2 | 189 |
| | 2254 | −1.3 | −40 |
| **20** W ○ | 0506 | 5.9 | 180 |
| | 1110 | −0.6 | −18 |
| | 1706 | 6.4 | 195 |
| | 2336 | −1.4 | −43 |
| **21** Th | 0541 | 6.1 | 186 |
| | 1151 | −0.8 | −24 |
| | 1745 | 6.5 | 198 |
| **22** F | 0015 | −1.3 | −40 |
| | 0613 | 6.2 | 189 |
| | 1230 | −1.0 | −30 |
| | 1820 | 6.4 | 195 |
| **23** Sa | 0051 | −1.1 | −34 |
| | 0642 | 6.2 | 189 |
| | 1308 | −1.0 | −30 |
| | 1854 | 6.3 | 192 |
| **24** Su | 0126 | −0.7 | −21 |
| | 0711 | 6.2 | 189 |
| | 1344 | −0.8 | −24 |
| | 1926 | 6.0 | 183 |
| **25** M | 0200 | −0.3 | −9 |
| | 0740 | 6.0 | 183 |
| | 1422 | −0.6 | −18 |
| | 2000 | 5.7 | 174 |
| **26** Tu | 0235 | 0.2 | 6 |
| | 0811 | 5.8 | 177 |
| | 1501 | −0.2 | −6 |
| | 2037 | 5.3 | 162 |
| **27** W | 0312 | 0.7 | 21 |
| | 0846 | 5.5 | 168 |
| | 1547 | 0.1 | 3 |
| | 2118 | 4.9 | 149 |
| **28** Th ◑ | 0356 | 1.1 | 34 |
| | 0928 | 5.2 | 158 |
| | 1643 | 0.5 | 15 |
| | 2209 | 4.4 | 134 |
| **29** F | 0458 | 1.5 | 46 |
| | 1020 | 4.9 | 149 |
| | 1752 | 0.7 | 21 |
| | 2315 | 4.1 | 125 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0615 | 1.7 | 52 |
| | 1129 | 4.6 | 140 |
| | 1904 | 0.7 | 21 |
| **2** Su | 0038 | 4.0 | 122 |
| | 0729 | 1.6 | 49 |
| | 1252 | 4.6 | 140 |
| | 2008 | 0.4 | 12 |
| **3** M | 0159 | 4.2 | 128 |
| | 0831 | 1.3 | 40 |
| | 1407 | 4.9 | 149 |
| | 2104 | 0.0 | 0 |
| **4** Tu | 0259 | 4.6 | 140 |
| | 0924 | 0.8 | 24 |
| | 1506 | 5.3 | 162 |
| | 2151 | −0.4 | −12 |
| **5** W | 0344 | 5.1 | 155 |
| | 1009 | 0.2 | 6 |
| | 1554 | 5.7 | 174 |
| | 2233 | −0.7 | −21 |
| **6** Th | 0422 | 5.6 | 171 |
| | 1050 | −0.3 | −9 |
| | 1636 | 6.1 | 186 |
| | 2311 | −0.9 | −27 |
| **7** F ● | 0457 | 6.1 | 186 |
| | 1129 | −0.7 | −21 |
| | 1716 | 6.4 | 195 |
| | 2348 | −1.0 | −30 |
| **8** Sa | 0532 | 6.5 | 198 |
| | 1207 | −1.1 | −34 |
| | 1755 | 6.6 | 201 |
| **9** Su | 0025 | −0.9 | −27 |
| | 0607 | 6.8 | 207 |
| | 1246 | −1.3 | −40 |
| | 1835 | 6.5 | 198 |
| **10** M | 0102 | −0.7 | −21 |
| | 0644 | 6.9 | 210 |
| | 1327 | −1.3 | −40 |
| | 1917 | 6.3 | 192 |
| **11** Tu | 0142 | −0.4 | −12 |
| | 0723 | 6.8 | 207 |
| | 1412 | −1.1 | −34 |
| | 2002 | 5.9 | 180 |
| **12** W | 0227 | 0.1 | 3 |
| | 0807 | 6.5 | 198 |
| | 1505 | −0.7 | −21 |
| | 2053 | 5.4 | 165 |
| **13** Th | 0321 | 0.6 | 18 |
| | 0856 | 6.0 | 183 |
| | 1608 | −0.3 | −9 |
| | 2155 | 4.9 | 149 |
| **14** F ◐ | 0430 | 1.1 | 34 |
| | 0957 | 5.5 | 168 |
| | 1723 | 0.0 | 0 |
| | 2315 | 4.5 | 137 |
| **15** Sa | 0551 | 1.3 | 40 |
| | 1116 | 5.1 | 155 |
| | 1841 | 0.1 | 3 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0052 | 4.5 | 137 |
| | 0710 | 1.2 | 37 |
| | 1250 | 5.0 | 152 |
| | 1953 | −0.1 | −3 |
| **17** M | 0217 | 4.8 | 146 |
| | 0819 | 0.8 | 24 |
| | 1415 | 5.2 | 158 |
| | 2054 | −0.4 | −12 |
| **18** Tu | 0318 | 5.3 | 162 |
| | 0916 | 0.2 | 6 |
| | 1519 | 5.6 | 171 |
| | 2145 | −0.7 | −21 |
| **19** W | 0403 | 5.7 | 174 |
| | 1005 | −0.3 | −9 |
| | 1609 | 6.0 | 183 |
| | 2230 | −0.9 | −27 |
| **20** Th | 0439 | 6.0 | 183 |
| | 1049 | −0.7 | −21 |
| | 1650 | 6.2 | 189 |
| | 2310 | −0.9 | −27 |
| **21** F ○ | 0511 | 6.2 | 189 |
| | 1128 | −1.0 | −30 |
| | 1725 | 6.3 | 192 |
| | 2347 | −0.8 | −24 |
| **22** Sa | 0540 | 6.4 | 195 |
| | 1205 | −1.1 | −34 |
| | 1758 | 6.3 | 192 |
| **23** Su | 0022 | −0.5 | −15 |
| | 0607 | 6.4 | 195 |
| | 1240 | −1.1 | −34 |
| | 1829 | 6.2 | 189 |
| **24** M | 0055 | −0.2 | −6 |
| | 0634 | 6.3 | 192 |
| | 1315 | −0.9 | −27 |
| | 1859 | 6.0 | 183 |
| **25** Tu | 0127 | 0.1 | 3 |
| | 0702 | 6.2 | 189 |
| | 1349 | −0.7 | −21 |
| | 1931 | 5.7 | 174 |
| **26** W | 0159 | 0.5 | 15 |
| | 0732 | 6.0 | 183 |
| | 1426 | −0.3 | −9 |
| | 2006 | 5.4 | 165 |
| **27** Th | 0233 | 0.9 | 27 |
| | 0807 | 5.8 | 177 |
| | 1508 | 0.1 | 3 |
| | 2046 | 5.1 | 155 |
| **28** F | 0313 | 1.3 | 40 |
| | 0848 | 5.4 | 165 |
| | 1600 | 0.5 | 15 |
| | 2134 | 4.7 | 143 |
| **29** Sa ◑ | 0412 | 1.7 | 52 |
| | 0939 | 5.1 | 155 |
| | 1707 | 0.7 | 21 |
| | 2235 | 4.4 | 134 |
| **30** Su | 0532 | 1.9 | 58 |
| | 1044 | 4.8 | 146 |
| | 1819 | 0.8 | 24 |
| | 2351 | 4.3 | 131 |
| **31** M | 0650 | 1.7 | 52 |
| | 1206 | 4.7 | 143 |
| | 1926 | 0.7 | 21 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Punta Gorda, Venezuela, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0108 | 4.5 | 137 |
| | 0756 | 1.3 | 40 |
| | 1326 | 4.9 | 149 |
| | 2024 | 0.4 | 12 |
| **2** W | 0211 | 5.0 | 152 |
| | 0851 | 0.7 | 21 |
| | 1431 | 5.3 | 162 |
| | 2113 | 0.0 | 0 |
| **3** Th | 0301 | 5.5 | 168 |
| | 0938 | 0.1 | 3 |
| | 1525 | 5.7 | 174 |
| | 2158 | −0.3 | −9 |
| **4** F | 0343 | 6.1 | 186 |
| | 1022 | −0.5 | −15 |
| | 1612 | 6.1 | 186 |
| | 2240 | −0.4 | −12 |
| **5** Sa ● | 0423 | 6.6 | 201 |
| | 1104 | −1.0 | −30 |
| | 1656 | 6.4 | 195 |
| | 2320 | −0.5 | −15 |
| **6** Su | 0501 | 6.9 | 210 |
| | 1145 | −1.4 | −43 |
| | 1738 | 6.6 | 201 |
| **7** M | 0000 | −0.5 | −15 |
| | 0540 | 7.1 | 216 |
| | 1227 | −1.6 | −49 |
| | 1821 | 6.6 | 201 |
| **8** Tu | 0042 | −0.3 | −9 |
| | 0621 | 7.2 | 219 |
| | 1311 | −1.5 | −46 |
| | 1906 | 6.4 | 195 |
| **9** W | 0126 | 0.1 | 3 |
| | 0703 | 7.0 | 213 |
| | 1400 | −1.2 | −37 |
| | 1954 | 6.0 | 183 |
| **10** Th | 0216 | 0.5 | 15 |
| | 0750 | 6.6 | 201 |
| | 1454 | −0.8 | −24 |
| | 2048 | 5.6 | 171 |
| **11** F | 0314 | 0.9 | 27 |
| | 0843 | 6.1 | 186 |
| | 1556 | −0.3 | −9 |
| | 2151 | 5.1 | 155 |
| **12** Sa ◐ | 0423 | 1.2 | 37 |
| | 0947 | 5.6 | 171 |
| | 1706 | 0.0 | 0 |
| | 2308 | 4.9 | 149 |
| **13** Su | 0538 | 1.3 | 40 |
| | 1106 | 5.1 | 155 |
| | 1818 | 0.2 | 6 |
| **14** M | 0033 | 4.9 | 149 |
| | 0651 | 1.1 | 34 |
| | 1236 | 5.0 | 152 |
| | 1925 | 0.2 | 6 |
| **15** Tu | 0147 | 5.2 | 158 |
| | 0756 | 0.7 | 21 |
| | 1356 | 5.2 | 158 |
| | 2024 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0243 | 5.6 | 171 |
| | 0852 | 0.2 | 6 |
| | 1458 | 5.5 | 168 |
| | 2115 | −0.1 | −3 |
| **17** Th | 0327 | 5.9 | 180 |
| | 0940 | −0.3 | −9 |
| | 1547 | 5.8 | 177 |
| | 2159 | −0.2 | −6 |
| **18** F | 0403 | 6.2 | 189 |
| | 1023 | −0.7 | −21 |
| | 1627 | 5.9 | 180 |
| | 2240 | −0.1 | −3 |
| **19** Sa | 0435 | 6.3 | 192 |
| | 1102 | −0.9 | −27 |
| | 1702 | 6.0 | 183 |
| | 2317 | 0.0 | 0 |
| **20** Su ○ | 0505 | 6.4 | 195 |
| | 1139 | −1.0 | −30 |
| | 1734 | 6.1 | 186 |
| | 2353 | 0.2 | 6 |
| **21** M | 0533 | 6.4 | 195 |
| | 1214 | −0.9 | −27 |
| | 1805 | 6.0 | 183 |
| **22** Tu | 0027 | 0.4 | 12 |
| | 0601 | 6.4 | 195 |
| | 1249 | −0.8 | −24 |
| | 1836 | 5.9 | 180 |
| **23** W | 0100 | 0.7 | 21 |
| | 0630 | 6.3 | 192 |
| | 1324 | −0.6 | −18 |
| | 1908 | 5.8 | 177 |
| **24** Th | 0133 | 1.0 | 30 |
| | 0702 | 6.2 | 189 |
| | 1400 | −0.3 | −9 |
| | 1943 | 5.6 | 171 |
| **25** F | 0207 | 1.3 | 40 |
| | 0738 | 6.0 | 183 |
| | 1441 | 0.1 | 3 |
| | 2022 | 5.3 | 162 |
| **26** Sa | 0247 | 1.5 | 46 |
| | 0819 | 5.7 | 174 |
| | 1528 | 0.4 | 12 |
| | 2109 | 5.1 | 155 |
| **27** Su | 0342 | 1.8 | 55 |
| | 0909 | 5.4 | 165 |
| | 1627 | 0.7 | 21 |
| | 2205 | 5.0 | 152 |
| **28** M ◑ | 0455 | 1.8 | 55 |
| | 1010 | 5.1 | 155 |
| | 1733 | 0.8 | 24 |
| | 2309 | 4.9 | 149 |
| **29** Tu | 0610 | 1.7 | 52 |
| | 1124 | 5.0 | 152 |
| | 1838 | 0.8 | 24 |
| **30** W | 0017 | 5.1 | 155 |
| | 0716 | 1.2 | 37 |
| | 1242 | 5.0 | 152 |
| | 1938 | 0.7 | 21 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0119 | 5.5 | 168 |
| | 0814 | 0.6 | 18 |
| | 1353 | 5.3 | 162 |
| | 2032 | 0.5 | 15 |
| **2** F | 0214 | 6.0 | 183 |
| | 0906 | 0.0 | 0 |
| | 1453 | 5.7 | 174 |
| | 2121 | 0.3 | 9 |
| **3** Sa | 0303 | 6.4 | 195 |
| | 0954 | −0.6 | −18 |
| | 1547 | 6.0 | 183 |
| | 2208 | 0.1 | 3 |
| **4** Su | 0349 | 6.9 | 210 |
| | 1040 | −1.2 | −37 |
| | 1636 | 6.3 | 192 |
| | 2254 | 0.1 | 3 |
| **5** M ● | 0433 | 7.2 | 219 |
| | 1125 | −1.5 | −46 |
| | 1724 | 6.5 | 198 |
| | 2339 | 0.1 | 3 |
| **6** Tu | 0518 | 7.3 | 223 |
| | 1211 | −1.6 | −49 |
| | 1811 | 6.5 | 198 |
| **7** W | 0026 | 0.2 | 6 |
| | 0603 | 7.3 | 223 |
| | 1259 | −1.5 | −46 |
| | 1859 | 6.3 | 192 |
| **8** Th | 0115 | 0.4 | 12 |
| | 0650 | 7.1 | 216 |
| | 1349 | −1.2 | −37 |
| | 1949 | 6.1 | 186 |
| **9** F | 0208 | 0.7 | 21 |
| | 0739 | 6.7 | 204 |
| | 1443 | −0.8 | −24 |
| | 2043 | 5.8 | 177 |
| **10** Sa | 0306 | 1.0 | 30 |
| | 0834 | 6.2 | 189 |
| | 1541 | −0.4 | −12 |
| | 2143 | 5.5 | 168 |
| **11** Su ◐ | 0410 | 1.1 | 34 |
| | 0937 | 5.7 | 174 |
| | 1644 | 0.0 | 0 |
| | 2249 | 5.4 | 165 |
| **12** M | 0517 | 1.1 | 34 |
| | 1049 | 5.3 | 162 |
| | 1747 | 0.3 | 9 |
| | 2357 | 5.4 | 165 |
| **13** Tu | 0624 | 1.0 | 30 |
| | 1207 | 5.1 | 155 |
| | 1849 | 0.5 | 15 |
| **14** W | 0101 | 5.5 | 168 |
| | 0725 | 0.6 | 18 |
| | 1322 | 5.1 | 155 |
| | 1946 | 0.5 | 15 |
| **15** Th | 0156 | 5.7 | 174 |
| | 0821 | 0.2 | 6 |
| | 1426 | 5.3 | 162 |
| | 2038 | 0.5 | 15 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0242 | 6.0 | 183 |
| | 0910 | −0.2 | −6 |
| | 1517 | 5.4 | 165 |
| | 2125 | 0.6 | 18 |
| **17** Sa | 0322 | 6.1 | 186 |
| | 0954 | −0.5 | −15 |
| | 1600 | 5.6 | 171 |
| | 2208 | 0.6 | 18 |
| **18** Su | 0358 | 6.3 | 192 |
| | 1035 | −0.7 | −21 |
| | 1638 | 5.7 | 174 |
| | 2248 | 0.7 | 21 |
| **19** M ○ | 0431 | 6.3 | 192 |
| | 1114 | −0.7 | −21 |
| | 1712 | 5.8 | 177 |
| | 2326 | 0.8 | 24 |
| **20** Tu | 0503 | 6.4 | 195 |
| | 1151 | −0.7 | −21 |
| | 1744 | 5.8 | 177 |
| **21** W | 0003 | 0.9 | 27 |
| | 0534 | 6.4 | 195 |
| | 1228 | −0.6 | −18 |
| | 1817 | 5.8 | 177 |
| **22** Th | 0038 | 1.1 | 34 |
| | 0606 | 6.3 | 192 |
| | 1304 | −0.5 | −15 |
| | 1850 | 5.7 | 174 |
| **23** F | 0113 | 1.2 | 37 |
| | 0640 | 6.3 | 192 |
| | 1341 | −0.3 | −9 |
| | 1925 | 5.7 | 174 |
| **24** Sa | 0150 | 1.4 | 43 |
| | 0717 | 6.1 | 186 |
| | 1420 | 0.0 | 0 |
| | 2004 | 5.6 | 171 |
| **25** Su | 0230 | 1.5 | 46 |
| | 0759 | 5.9 | 180 |
| | 1502 | 0.2 | 6 |
| | 2047 | 5.6 | 171 |
| **26** M | 0320 | 1.6 | 49 |
| | 0847 | 5.7 | 174 |
| | 1550 | 0.5 | 15 |
| | 2136 | 5.5 | 168 |
| **27** Tu ◑ | 0421 | 1.6 | 49 |
| | 0943 | 5.4 | 165 |
| | 1646 | 0.7 | 21 |
| | 2230 | 5.6 | 171 |
| **28** W | 0528 | 1.4 | 43 |
| | 1048 | 5.2 | 158 |
| | 1748 | 0.9 | 27 |
| | 2329 | 5.7 | 174 |
| **29** Th | 0635 | 1.0 | 30 |
| | 1202 | 5.1 | 155 |
| | 1850 | 0.9 | 27 |
| **30** F | 0030 | 6.0 | 183 |
| | 0737 | 0.5 | 15 |
| | 1316 | 5.2 | 158 |
| | 1950 | 0.9 | 27 |
| **31** Sa | 0130 | 6.3 | 192 |
| | 0835 | −0.1 | −3 |
| | 1424 | 5.5 | 168 |
| | 2047 | 0.8 | 24 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0226 | 6.6 | 201 |
| | 0929 | −0.6 | −18 |
| | 1525 | 5.8 | 177 |
| | 2141 | 0.7 | 21 |
| **2** M | 0320 | 6.9 | 210 |
| | 1020 | −1.1 | −34 |
| | 1621 | 6.1 | 186 |
| | 2233 | 0.5 | 15 |
| **3** Tu ● | 0412 | 7.1 | 216 |
| | 1110 | −1.4 | −43 |
| | 1713 | 6.3 | 192 |
| | 2324 | 0.5 | 15 |
| **4** W | 0502 | 7.3 | 223 |
| | 1159 | −1.6 | −49 |
| | 1803 | 6.4 | 195 |
| **5** Th | 0014 | 0.4 | 12 |
| | 0551 | 7.2 | 219 |
| | 1248 | −1.5 | −46 |
| | 1852 | 6.4 | 195 |
| **6** F | 0105 | 0.5 | 15 |
| | 0641 | 7.1 | 216 |
| | 1337 | −1.3 | −40 |
| | 1941 | 6.3 | 192 |
| **7** Sa | 0157 | 0.6 | 18 |
| | 0731 | 6.7 | 204 |
| | 1428 | −0.9 | −27 |
| | 2031 | 6.1 | 186 |
| **8** Su | 0251 | 0.7 | 21 |
| | 0823 | 6.3 | 192 |
| | 1520 | −0.5 | −15 |
| | 2122 | 6.0 | 183 |
| **9** M | 0348 | 0.8 | 24 |
| | 0919 | 5.9 | 180 |
| | 1613 | 0.0 | 0 |
| | 2215 | 5.8 | 177 |
| **10** Tu ◐ | 0448 | 0.8 | 24 |
| | 1020 | 5.4 | 165 |
| | 1709 | 0.4 | 12 |
| | 2310 | 5.7 | 174 |
| **11** W | 0548 | 0.8 | 24 |
| | 1126 | 5.1 | 155 |
| | 1806 | 0.8 | 24 |
| **12** Th | 0006 | 5.7 | 174 |
| | 0648 | 0.6 | 18 |
| | 1236 | 4.9 | 149 |
| | 1903 | 1.0 | 30 |
| **13** F | 0101 | 5.7 | 174 |
| | 0744 | 0.4 | 12 |
| | 1343 | 4.9 | 149 |
| | 1958 | 1.1 | 34 |
| **14** Sa | 0152 | 5.8 | 177 |
| | 0836 | 0.1 | 3 |
| | 1442 | 5.0 | 152 |
| | 2050 | 1.2 | 37 |
| **15** Su | 0240 | 5.9 | 180 |
| | 0924 | −0.1 | −3 |
| | 1531 | 5.2 | 158 |
| | 2137 | 1.2 | 37 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0323 | 6.1 | 186 |
| | 1009 | −0.3 | −9 |
| | 1614 | 5.4 | 165 |
| | 2222 | 1.1 | 34 |
| **17** Tu | 0402 | 6.2 | 189 |
| | 1051 | −0.5 | −15 |
| | 1652 | 5.5 | 168 |
| | 2303 | 1.1 | 34 |
| **18** W ○ | 0439 | 6.3 | 192 |
| | 1131 | −0.5 | −15 |
| | 1727 | 5.6 | 171 |
| | 2343 | 1.1 | 34 |
| **19** Th | 0514 | 6.3 | 192 |
| | 1209 | −0.5 | −15 |
| | 1800 | 5.7 | 174 |
| **20** F | 0020 | 1.1 | 34 |
| | 0549 | 6.4 | 195 |
| | 1246 | −0.5 | −15 |
| | 1833 | 5.8 | 177 |
| **21** Sa | 0056 | 1.2 | 37 |
| | 0624 | 6.4 | 195 |
| | 1322 | −0.4 | −12 |
| | 1907 | 5.9 | 180 |
| **22** Su | 0133 | 1.2 | 37 |
| | 0701 | 6.3 | 192 |
| | 1357 | −0.2 | −6 |
| | 1943 | 6.0 | 183 |
| **23** M | 0212 | 1.2 | 37 |
| | 0741 | 6.2 | 189 |
| | 1434 | 0.0 | 0 |
| | 2022 | 6.1 | 186 |
| **24** Tu | 0256 | 1.1 | 34 |
| | 0826 | 6.0 | 183 |
| | 1515 | 0.3 | 9 |
| | 2105 | 6.1 | 186 |
| **25** W | 0348 | 1.1 | 34 |
| | 0918 | 5.7 | 174 |
| | 1603 | 0.6 | 18 |
| | 2153 | 6.2 | 189 |
| **26** Th ◑ | 0450 | 1.0 | 30 |
| | 1017 | 5.4 | 165 |
| | 1700 | 0.9 | 27 |
| | 2247 | 6.2 | 189 |
| **27** F | 0557 | 0.8 | 24 |
| | 1127 | 5.2 | 158 |
| | 1806 | 1.2 | 37 |
| | 2348 | 6.2 | 189 |
| **28** Sa | 0705 | 0.4 | 12 |
| | 1244 | 5.1 | 155 |
| | 1915 | 1.3 | 40 |
| **29** Su | 0052 | 6.3 | 192 |
| | 0809 | 0.0 | 0 |
| | 1401 | 5.2 | 158 |
| | 2021 | 1.2 | 37 |
| **30** M | 0158 | 6.5 | 198 |
| | 0909 | −0.5 | −15 |
| | 1511 | 5.5 | 168 |
| | 2122 | 1.1 | 34 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Punta Gorda, Venezuela, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** Tu | 0301 | 6.8 | 207 | **16** W | 0338 | 6.1 | 186 |
| | 1005 | −0.9 | −27 | | 1029 | −0.2 | −6 |
| | 1612 | 5.9 | 180 | | 1632 | 5.4 | 165 |
| | 2219 | 0.8 | 24 | | 2242 | 1.3 | 40 |
| **2** W | 0359 | 7.0 | 213 | **17** Th | 0420 | 6.3 | 192 |
| | 1057 | −1.3 | −40 | | 1110 | −0.4 | −12 |
| | 1706 | 6.2 | 189 | | 1708 | 5.7 | 174 |
| ● | 2312 | 0.6 | 18 | | 2322 | 1.1 | 34 |
| **3** Th | 0453 | 7.2 | 219 | **18** F | 0457 | 6.4 | 195 |
| | 1147 | −1.4 | −43 | | 1148 | −0.5 | −15 |
| | 1755 | 6.4 | 195 | ○ | 1741 | 5.9 | 180 |
| **4** F | 0002 | 0.4 | 12 | **19** Sa | 0000 | 1.0 | 30 |
| | 0543 | 7.2 | 219 | | 0533 | 6.6 | 201 |
| | 1234 | −1.4 | −43 | | 1224 | −0.5 | −15 |
| | 1841 | 6.5 | 198 | | 1812 | 6.1 | 186 |
| **5** Sa | 0051 | 0.3 | 9 | **20** Su | 0036 | 0.9 | 27 |
| | 0631 | 7.1 | 216 | | 0608 | 6.6 | 201 |
| | 1320 | −1.2 | −37 | | 1258 | −0.4 | −12 |
| | 1924 | 6.6 | 201 | | 1844 | 6.4 | 195 |
| **6** Su | 0140 | 0.3 | 9 | **21** M | 0112 | 0.8 | 24 |
| | 0718 | 6.8 | 207 | | 0644 | 6.6 | 201 |
| | 1406 | −0.9 | −27 | | 1331 | −0.2 | −6 |
| | 2007 | 6.5 | 198 | | 1917 | 6.6 | 201 |
| **7** M | 0229 | 0.4 | 12 | **22** Tu | 0149 | 0.7 | 21 |
| | 0805 | 6.5 | 198 | | 0723 | 6.5 | 198 |
| | 1451 | −0.4 | −12 | | 1405 | 0.0 | 0 |
| | 2049 | 6.4 | 195 | | 1953 | 6.7 | 204 |
| **8** Tu | 0319 | 0.5 | 15 | **23** W | 0230 | 0.6 | 18 |
| | 0852 | 6.0 | 183 | | 0806 | 6.3 | 192 |
| | 1537 | 0.1 | 3 | | 1442 | 0.3 | 9 |
| | 2132 | 6.2 | 189 | | 2033 | 6.7 | 204 |
| **9** W | 0411 | 0.6 | 18 | **24** Th | 0318 | 0.6 | 18 |
| | 0943 | 5.6 | 171 | | 0855 | 6.0 | 183 |
| | 1627 | 0.7 | 21 | | 1525 | 0.7 | 21 |
| | 2217 | 6.0 | 183 | | 2118 | 6.7 | 204 |
| **10** Th | 0507 | 0.7 | 21 | **25** F | 0416 | 0.7 | 21 |
| | 1039 | 5.1 | 155 | | 0951 | 5.6 | 171 |
| | 1720 | 1.1 | 34 | | 1621 | 1.2 | 37 |
| ◐ | 2306 | 5.8 | 177 | ◑ | 2211 | 6.5 | 198 |
| **11** F | 0605 | 0.7 | 21 | **26** Sa | 0525 | 0.7 | 21 |
| | 1142 | 4.8 | 146 | | 1100 | 5.2 | 158 |
| | 1817 | 1.5 | 46 | | 1733 | 1.6 | 49 |
| | | | | | 2313 | 6.4 | 195 |
| **12** Sa | 0001 | 5.7 | 174 | **27** Su | 0640 | 0.5 | 15 |
| | 0704 | 0.7 | 21 | | 1222 | 5.0 | 152 |
| | 1252 | 4.7 | 143 | | 1852 | 1.8 | 55 |
| | 1917 | 1.7 | 52 | | | | |
| **13** Su | 0100 | 5.6 | 171 | **28** M | 0025 | 6.3 | 192 |
| | 0801 | 0.5 | 15 | | 0751 | 0.2 | 6 |
| | 1401 | 4.7 | 143 | | 1350 | 5.1 | 155 |
| | 2015 | 1.7 | 52 | | 2006 | 1.6 | 49 |
| **14** M | 0158 | 5.7 | 174 | **29** Tu | 0142 | 6.4 | 195 |
| | 0855 | 0.3 | 9 | | 0855 | −0.2 | −6 |
| | 1502 | 4.9 | 149 | | 1506 | 5.5 | 168 |
| | 2109 | 1.6 | 49 | | 2111 | 1.3 | 40 |
| **15** Tu | 0252 | 5.9 | 180 | **30** W | 0253 | 6.6 | 201 |
| | 0944 | 0.0 | 0 | | 0953 | −0.7 | −21 |
| | 1551 | 5.2 | 158 | | 1607 | 5.9 | 180 |
| | 2158 | 1.5 | 46 | | 2208 | 0.9 | 27 |
| | | | | **31** Th | 0354 | 6.9 | 210 |
| | | | | | 1044 | −1.0 | −30 |
| | | | | | 1657 | 6.4 | 195 |
| | | | | | 2300 | 0.5 | 15 |

## August

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** F | 0447 | 7.2 | 219 | **16** Sa | 0438 | 6.7 | 204 |
| | 1131 | −1.2 | −37 | | 1122 | −0.3 | −9 |
| | 1741 | 6.7 | 204 | | 1713 | 6.4 | 195 |
| ● | 2348 | 0.2 | 6 | ○ | 2336 | 0.8 | 24 |
| **2** Sa | 0534 | 7.3 | 223 | **17** Su | 0515 | 6.9 | 210 |
| | 1215 | −1.2 | −37 | | 1157 | −0.3 | −9 |
| | 1821 | 6.9 | 210 | | 1744 | 6.7 | 204 |
| **3** Su | 0033 | 0.1 | 3 | **18** M | 0013 | 0.5 | 15 |
| | 0618 | 7.2 | 219 | | 0550 | 7.0 | 213 |
| | 1257 | −1.0 | −30 | | 1230 | −0.2 | −6 |
| | 1858 | 6.9 | 210 | | 1815 | 7.0 | 213 |
| **4** M | 0117 | 0.0 | 0 | **19** Tu | 0048 | 0.3 | 9 |
| | 0659 | 7.0 | 213 | | 0627 | 7.0 | 213 |
| | 1337 | −0.6 | −18 | | 1303 | 0.0 | 0 |
| | 1934 | 6.9 | 210 | | 1848 | 7.2 | 219 |
| **5** Tu | 0200 | 0.1 | 3 | **20** W | 0125 | 0.2 | 6 |
| | 0739 | 6.7 | 204 | | 0705 | 6.9 | 210 |
| | 1417 | −0.1 | −3 | | 1337 | 0.3 | 9 |
| | 2008 | 6.8 | 207 | | 1923 | 7.3 | 223 |
| **6** W | 0244 | 0.3 | 9 | **21** Th | 0206 | 0.3 | 9 |
| | 0820 | 6.2 | 189 | | 0747 | 6.6 | 201 |
| | 1458 | 0.5 | 15 | | 1414 | 0.6 | 18 |
| | 2044 | 6.5 | 198 | | 2003 | 7.3 | 223 |
| **7** Th | 0331 | 0.5 | 15 | **22** F | 0253 | 0.4 | 12 |
| | 0902 | 5.8 | 177 | | 0835 | 6.2 | 189 |
| | 1541 | 1.1 | 34 | | 1458 | 1.1 | 34 |
| | 2123 | 6.3 | 192 | | 2048 | 7.1 | 216 |
| **8** F | 0422 | 0.8 | 24 | **23** Sa | 0351 | 0.6 | 18 |
| | 0950 | 5.3 | 162 | | 0931 | 5.7 | 174 |
| | 1631 | 1.6 | 49 | | 1557 | 1.7 | 52 |
| ◐ | 2207 | 6.0 | 183 | ◑ | 2142 | 6.7 | 204 |
| **9** Sa | 0520 | 1.0 | 30 | **24** Su | 0503 | 0.8 | 24 |
| | 1047 | 4.9 | 149 | | 1042 | 5.3 | 162 |
| | 1730 | 2.0 | 61 | | 1716 | 2.1 | 64 |
| | 2302 | 5.7 | 174 | | 2249 | 6.4 | 195 |
| **10** Su | 0623 | 1.1 | 34 | **25** M | 0622 | 0.8 | 24 |
| | 1157 | 4.7 | 143 | | 1213 | 5.1 | 155 |
| | 1837 | 2.2 | 67 | | 1841 | 2.2 | 67 |
| **11** M | 0007 | 5.6 | 171 | **26** Tu | 0011 | 6.2 | 189 |
| | 0726 | 1.0 | 30 | | 0737 | 0.6 | 18 |
| | 1317 | 4.7 | 143 | | 1348 | 5.3 | 162 |
| | 1942 | 2.2 | 67 | | 1957 | 1.9 | 58 |
| **12** Tu | 0118 | 5.6 | 171 | **27** W | 0137 | 6.3 | 192 |
| | 0825 | 0.8 | 24 | | 0842 | 0.1 | 3 |
| | 1429 | 4.9 | 149 | | 1502 | 5.8 | 177 |
| | 2042 | 2.0 | 61 | | 2101 | 1.4 | 43 |
| **13** W | 0222 | 5.8 | 177 | **28** Th | 0250 | 6.6 | 201 |
| | 0918 | 0.5 | 15 | | 0938 | −0.3 | −9 |
| | 1524 | 5.2 | 158 | | 1557 | 6.3 | 192 |
| | 2133 | 1.7 | 52 | | 2156 | 0.9 | 27 |
| **14** Th | 0315 | 6.1 | 186 | **29** F | 0349 | 7.0 | 213 |
| | 1004 | 0.1 | 3 | | 1027 | −0.6 | −18 |
| | 1606 | 5.6 | 171 | | 1641 | 6.8 | 207 |
| | 2218 | 1.4 | 43 | | 2245 | 0.4 | 12 |
| **15** F | 0359 | 6.4 | 195 | **30** Sa | 0438 | 7.2 | 219 |
| | 1045 | −0.1 | −3 | | 1111 | −0.7 | −21 |
| | 1641 | 6.0 | 183 | | 1719 | 7.1 | 216 |
| | 2259 | 1.0 | 30 | ● | 2329 | 0.1 | 3 |
| | | | | **31** Su | 0521 | 7.4 | 226 |
| | | | | | 1152 | −0.6 | −18 |
| | | | | | 1754 | 7.3 | 223 |

## September

| | Time | Height | | | Time | Height | |
|---|---|---|---|---|---|---|---|
| | h m | ft | cm | | h m | ft | cm |
| **1** M | 0011 | −0.1 | −3 | **16** Tu | 0531 | 7.3 | 223 |
| | 0600 | 7.3 | 223 | | 1201 | 0.2 | 6 |
| | 1230 | −0.4 | −12 | | 1744 | 7.7 | 235 |
| | 1826 | 7.3 | 223 | | | | |
| **2** Tu | 0051 | −0.1 | −3 | **17** W | 0024 | 0.0 | 0 |
| | 0636 | 7.1 | 216 | | 0609 | 7.3 | 223 |
| | 1307 | 0.0 | 0 | | 1236 | 0.3 | 9 |
| | 1856 | 7.3 | 223 | | 1819 | 7.8 | 238 |
| **3** W | 0130 | 0.0 | 0 | **18** Th | 0103 | −0.1 | −3 |
| | 0711 | 6.8 | 207 | | 0649 | 7.1 | 216 |
| | 1342 | 0.5 | 15 | | 1313 | 0.7 | 21 |
| | 1927 | 7.1 | 216 | | 1857 | 7.8 | 238 |
| **4** Th | 0209 | 0.3 | 9 | **19** F | 0146 | 0.0 | 0 |
| | 0747 | 6.5 | 198 | | 0732 | 6.8 | 207 |
| | 1418 | 1.0 | 30 | | 1353 | 1.1 | 34 |
| | 1959 | 6.9 | 210 | | 1938 | 7.7 | 235 |
| **5** F | 0251 | 0.6 | 18 | **20** Sa | 0235 | 0.3 | 9 |
| | 0824 | 6.1 | 186 | | 0821 | 6.4 | 195 |
| | 1457 | 1.5 | 46 | | 1442 | 1.6 | 49 |
| | 2034 | 6.6 | 201 | | 2026 | 7.3 | 223 |
| **6** Sa | 0338 | 1.0 | 30 | **21** Su | 0336 | 0.7 | 21 |
| | 0906 | 5.6 | 171 | | 0920 | 5.9 | 180 |
| | 1543 | 2.0 | 61 | | 1547 | 2.1 | 64 |
| | 2116 | 6.3 | 192 | | 2123 | 6.8 | 207 |
| **7** Su | 0435 | 1.3 | 40 | **22** M | 0449 | 0.9 | 27 |
| | 0958 | 5.2 | 158 | | 1035 | 5.5 | 168 |
| | 1643 | 2.5 | 76 | | 1710 | 2.4 | 73 |
| ◐ | 2208 | 5.9 | 180 | ◑ | 2235 | 6.4 | 195 |
| **8** M | 0540 | 1.5 | 46 | **23** Tu | 0607 | 1.0 | 30 |
| | 1106 | 4.9 | 149 | | 1210 | 5.4 | 165 |
| | 1757 | 2.7 | 82 | | 1832 | 2.3 | 70 |
| | 2316 | 5.7 | 174 | | | | |
| **9** Tu | 0649 | 1.5 | 46 | **24** W | 0005 | 6.2 | 189 |
| | 1230 | 4.8 | 146 | | 0720 | 0.8 | 24 |
| | 1909 | 2.6 | 79 | | 1340 | 5.7 | 174 |
| | | | | | 1945 | 1.9 | 58 |
| **10** W | 0036 | 5.7 | 174 | **25** Th | 0133 | 6.3 | 192 |
| | 0751 | 1.2 | 37 | | 0823 | 0.5 | 15 |
| | 1349 | 5.1 | 155 | | 1447 | 6.2 | 189 |
| | 2012 | 2.3 | 70 | | 2047 | 1.4 | 43 |
| **11** Th | 0149 | 5.9 | 180 | **26** F | 0243 | 6.6 | 201 |
| | 0845 | 0.9 | 27 | | 0917 | 0.2 | 6 |
| | 1446 | 5.5 | 168 | | 1536 | 6.7 | 204 |
| | 2105 | 1.8 | 55 | | 2139 | 0.8 | 24 |
| **12** F | 0246 | 6.2 | 189 | **27** Sa | 0338 | 7.0 | 213 |
| | 0932 | 0.6 | 18 | | 1004 | 0.0 | 0 |
| | 1530 | 6.0 | 183 | | 1616 | 7.1 | 216 |
| | 2150 | 1.4 | 43 | | 2225 | 0.3 | 9 |
| **13** Sa | 0334 | 6.6 | 201 | **28** Su | 0424 | 7.2 | 219 |
| | 1013 | 0.3 | 9 | | 1046 | −0.1 | −3 |
| | 1606 | 6.5 | 198 | | 1651 | 7.4 | 226 |
| | 2231 | 0.9 | 27 | | 2307 | 0.0 | 0 |
| **14** Su | 0415 | 6.9 | 210 | **29** M | 0503 | 7.3 | 223 |
| | 1051 | 0.1 | 3 | | 1125 | 0.1 | 3 |
| | 1639 | 7.0 | 213 | | 1722 | 7.5 | 229 |
| | 2310 | 0.5 | 15 | ● | 2346 | −0.1 | −3 |
| **15** M | 0453 | 7.2 | 219 | **30** Tu | 0539 | 7.2 | 219 |
| | 1127 | 0.1 | 3 | | 1201 | 0.3 | 9 |
| | 1711 | 7.4 | 226 | | 1752 | 7.5 | 229 |
| ○ | 2347 | 0.2 | 6 | | | | |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Punta Gorda, Venezuela, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm | | h m | ft / cm | | h m | ft / cm |
| **1** W | 0024 | −0.1 / −3 | **16** Th | 0003 | −0.4 / −12 | **1** Sa | 0112 | 0.3 / 9 | **16** Su | 0123 | −0.6 / −18 |
| | 0612 | 7.1 / 216 | | 0553 | 7.3 / 223 | | 0653 | 6.4 / 195 | | 0717 | 6.7 / 204 |
| | 1236 | 0.6 / 18 | | 1214 | 0.7 / 21 | | 1317 | 1.6 / 49 | | 1335 | 1.1 / 34 |
| | 1820 | 7.5 / 229 | | 1755 | 8.1 / 247 | | 1851 | 7.1 / 216 | | 1912 | 7.6 / 232 |
| **2** Th | 0100 | 0.1 / 3 | **17** F | 0046 | −0.4 / −12 | **2** Su | 0150 | 0.6 / 18 | **17** M | 0215 | −0.3 / −9 |
| | 0644 | 6.9 / 210 | | 0636 | 7.2 / 219 | | 0727 | 6.2 / 189 | | 0810 | 6.4 / 195 |
| | 1310 | 1.0 / 30 | | 1255 | 1.0 / 30 | | 1352 | 1.9 / 58 | | 1431 | 1.4 / 43 |
| | 1849 | 7.3 / 223 | | 1836 | 8.1 / 247 | | 1926 | 6.9 / 210 | | 2005 | 7.2 / 219 |
| **3** F | 0137 | 0.3 / 9 | **18** Sa | 0132 | −0.2 / −6 | **3** M | 0231 | 0.9 / 27 | **18** Tu | 0312 | 0.1 / 3 |
| | 0717 | 6.6 / 201 | | 0722 | 6.8 / 207 | | 0806 | 6.0 / 183 | | 0908 | 6.1 / 186 |
| | 1344 | 1.5 / 46 | | 1342 | 1.3 / 40 | | 1432 | 2.2 / 67 | | 1534 | 1.6 / 49 |
| | 1920 | 7.1 / 216 | | 1921 | 7.8 / 238 | | 2006 | 6.6 / 201 | | 2104 | 6.6 / 201 |
| **4** Sa | 0216 | 0.7 / 21 | **19** Su | 0224 | 0.1 / 3 | **4** Tu | 0319 | 1.2 / 37 | **19** W | 0413 | 0.5 / 15 |
| | 0752 | 6.2 / 189 | | 0814 | 6.4 / 195 | | 0852 | 5.7 / 174 | | 1012 | 5.9 / 180 |
| | 1419 | 1.9 / 58 | | 1437 | 1.8 / 55 | | 1524 | 2.5 / 76 | | 1642 | 1.7 / 52 |
| | 1955 | 6.8 / 207 | | 2012 | 7.3 / 223 | | 2054 | 6.3 / 192 | ◑ | 2212 | 6.2 / 189 |
| **5** Su | 0300 | 1.1 / 34 | **20** M | 0325 | 0.5 / 15 | **5** W | 0415 | 1.4 / 43 | **20** Th | 0518 | 0.7 / 21 |
| | 0832 | 5.9 / 180 | | 0915 | 6.0 / 183 | | 0946 | 5.5 / 168 | | 1123 | 5.9 / 180 |
| | 1501 | 2.3 / 70 | | 1544 | 2.1 / 64 | | 1632 | 2.6 / 79 | | 1751 | 1.6 / 49 |
| | 2035 | 6.5 / 198 | | 2112 | 6.8 / 207 | | 2151 | 6.0 / 183 | | 2330 | 5.8 / 177 |
| **6** M | 0354 | 1.4 / 43 | **21** Tu | 0434 | 0.9 / 27 | **6** Th | 0517 | 1.6 / 49 | **21** F | 0621 | 0.9 / 27 |
| | 0921 | 5.5 / 168 | | 1030 | 5.7 / 174 | | 1049 | 5.5 / 168 | | 1232 | 6.0 / 183 |
| | 1559 | 2.7 / 82 | | 1700 | 2.3 / 70 | | 1746 | 2.5 / 76 | | 1857 | 1.3 / 40 |
| | 2126 | 6.1 / 186 | ◑ | 2227 | 6.3 / 192 | ◐ | 2301 | 5.8 / 177 | | | |
| **7** Tu | 0458 | 1.7 / 52 | **22** W | 0547 | 1.0 / 30 | **7** F | 0620 | 1.6 / 49 | **22** Sa | 0049 | 5.7 / 174 |
| | 1023 | 5.2 / 158 | | 1155 | 5.7 / 174 | | 1156 | 5.7 / 174 | | 0722 | 1.0 / 30 |
| | 1715 | 2.9 / 88 | | 1817 | 2.1 / 64 | | 1853 | 2.2 / 67 | | 1333 | 6.2 / 189 |
| ◐ | 2230 | 5.9 / 180 | | 2354 | 6.1 / 186 | | | | | 1956 | 0.9 / 27 |
| **8** W | 0606 | 1.7 / 52 | **23** Th | 0656 | 1.0 / 30 | **8** Sa | 0017 | 5.7 / 174 | **23** Su | 0159 | 5.8 / 177 |
| | 1139 | 5.2 / 158 | | 1315 | 6.0 / 183 | | 0718 | 1.4 / 43 | | 0816 | 1.0 / 30 |
| | 1831 | 2.8 / 85 | | 1926 | 1.7 / 52 | | 1258 | 6.0 / 183 | | 1424 | 6.4 / 195 |
| | 2349 | 5.7 / 174 | | | | | 1952 | 1.6 / 49 | | 2049 | 0.5 / 15 |
| **9** Th | 0710 | 1.6 / 49 | **24** F | 0118 | 6.2 / 189 | **9** Su | 0127 | 5.9 / 180 | **24** M | 0256 | 6.0 / 183 |
| | 1256 | 5.4 / 165 | | 0757 | 0.8 / 24 | | 0811 | 1.3 / 40 | | 0906 | 0.9 / 27 |
| | 1936 | 2.4 / 73 | | 1416 | 6.4 / 195 | | 1353 | 6.4 / 195 | | 1508 | 6.6 / 201 |
| | | | | 2025 | 1.2 / 37 | | 2044 | 1.0 / 30 | | 2136 | 0.1 / 3 |
| **10** F | 0106 | 5.9 / 180 | **25** Sa | 0227 | 6.4 / 195 | **10** M | 0227 | 6.2 / 189 | **25** Tu | 0343 | 6.1 / 186 |
| | 0806 | 1.3 / 40 | | 0850 | 0.6 / 18 | | 0859 | 1.1 / 34 | | 0951 | 0.9 / 27 |
| | 1357 | 5.8 / 177 | | 1504 | 6.8 / 207 | | 1441 | 6.9 / 210 | | 1547 | 6.8 / 207 |
| | 2031 | 1.9 / 58 | | 2116 | 0.6 / 18 | | 2132 | 0.4 / 12 | | 2219 | −0.1 / −3 |
| **11** Sa | 0210 | 6.2 / 189 | **26** Su | 0321 | 6.7 / 204 | **11** Tu | 0320 | 6.5 / 198 | **26** W | 0423 | 6.2 / 189 |
| | 0854 | 1.0 / 30 | | 0936 | 0.5 / 15 | | 0945 | 0.9 / 27 | | 1033 | 1.0 / 30 |
| | 1444 | 6.4 / 195 | | 1544 | 7.1 / 216 | | 1526 | 7.4 / 226 | | 1623 | 6.9 / 210 |
| | 2119 | 1.3 / 40 | | 2202 | 0.2 / 6 | | 2217 | −0.1 / −3 | | 2300 | −0.2 / −6 |
| **12** Su | 0302 | 6.6 / 201 | **27** M | 0405 | 6.8 / 207 | **12** W | 0409 | 6.8 / 207 | **27** Th | 0459 | 6.2 / 189 |
| | 0937 | 0.7 / 21 | | 1019 | 0.5 / 15 | | 1029 | 0.8 / 24 | | 1112 | 1.0 / 30 |
| | 1525 | 6.9 / 210 | | 1619 | 7.3 / 223 | | 1610 | 7.7 / 235 | | 1656 | 6.9 / 210 |
| | 2202 | 0.7 / 21 | | 2243 | 0.0 / 0 | | 2302 | −0.5 / −15 | ● | 2339 | −0.2 / −6 |
| **13** M | 0348 | 6.9 / 210 | **28** Tu | 0443 | 6.9 / 210 | **13** Th | 0456 | 7.0 / 213 | **28** F | 0532 | 6.2 / 189 |
| | 1018 | 0.6 / 18 | | 1058 | 0.6 / 18 | | 1113 | 0.7 / 21 | | 1149 | 1.1 / 34 |
| | 1602 | 7.4 / 226 | | 1651 | 7.4 / 226 | | 1654 | 8.0 / 244 | | 1727 | 6.9 / 210 |
| | 2242 | 0.2 / 6 | ● | 2322 | −0.2 / −6 | ○ | 2347 | −0.7 / −21 | | | |
| **14** Tu | 0430 | 7.2 / 219 | **29** W | 0518 | 6.9 / 210 | **14** F | 0542 | 7.0 / 213 | **29** Sa | 0016 | −0.2 / −6 |
| | 1056 | 0.5 / 15 | | 1135 | 0.8 / 24 | | 1158 | 0.8 / 24 | | 0604 | 6.1 / 186 |
| | 1639 | 7.8 / 238 | | 1721 | 7.4 / 226 | | 1738 | 8.0 / 244 | | 1224 | 1.2 / 37 |
| ○ | 2322 | −0.2 / −6 | | 2359 | −0.1 / −3 | | | | | 1759 | 6.9 / 210 |
| **15** W | 0511 | 7.3 / 223 | **30** Th | 0550 | 6.8 / 207 | **15** Sa | 0034 | −0.8 / −24 | **30** Su | 0053 | 0.0 / 0 |
| | 1135 | 0.5 / 15 | | 1210 | 1.1 / 34 | | 0628 | 6.9 / 210 | | 0636 | 6.1 / 186 |
| | 1716 | 8.0 / 244 | | 1750 | 7.3 / 223 | | 1245 | 0.9 / 27 | | 1259 | 1.4 / 43 |
| | | | | | | | 1824 | 7.9 / 241 | | 1831 | 6.8 / 207 |
| | | | **31** F | 0036 | 0.0 / 0 | | | | | | |
| | | | | 0621 | 6.6 / 201 | | | | | | |
| | | | | 1244 | 1.3 / 40 | | | | | | |
| | | | | 1819 | 7.2 / 219 | | | | | | |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft / cm | | h m | ft / cm |
| **1** M | 0130 | 0.1 / 3 | **16** Tu | 0201 | −0.9 / −27 |
| | 0709 | 6.0 / 183 | | 0759 | 6.4 / 195 |
| | 1334 | 1.5 / 46 | | 1420 | 0.6 / 18 |
| | 1906 | 6.7 / 204 | | 1957 | 6.9 / 210 |
| **2** Tu | 0208 | 0.4 / 12 | **17** W | 0252 | −0.5 / −15 |
| | 0746 | 5.9 / 180 | | 0849 | 6.2 / 189 |
| | 1412 | 1.7 / 52 | | 1515 | 0.7 / 21 |
| | 1945 | 6.5 / 198 | | 2050 | 6.4 / 195 |
| **3** W | 0248 | 0.6 / 18 | **18** Th | 0345 | −0.1 / −3 |
| | 0826 | 5.8 / 177 | | 0942 | 6.0 / 183 |
| | 1455 | 1.8 / 55 | | 1614 | 0.8 / 24 |
| | 2028 | 6.2 / 189 | | 2148 | 5.9 / 180 |
| **4** Th | 0333 | 0.8 / 24 | **19** F | 0441 | 0.4 / 12 |
| | 0911 | 5.8 / 177 | | 1037 | 5.8 / 177 |
| | 1549 | 1.9 / 58 | | 1716 | 0.9 / 27 |
| | 2119 | 5.9 / 180 | ◑ | 2253 | 5.4 / 165 |
| **5** F | 0424 | 1.1 / 34 | **20** Sa | 0540 | 0.8 / 24 |
| | 1002 | 5.7 / 174 | | 1137 | 5.7 / 174 |
| | 1655 | 1.8 / 55 | | 1819 | 0.8 / 24 |
| ◐ | 2219 | 5.7 / 174 | | | |
| **6** Sa | 0523 | 1.3 / 40 | **21** Su | 0005 | 5.1 / 155 |
| | 1059 | 5.8 / 177 | | 0640 | 1.1 / 34 |
| | 1803 | 1.6 / 49 | | 1238 | 5.7 / 174 |
| | 2327 | 5.5 / 168 | | 1920 | 0.6 / 18 |
| **7** Su | 0624 | 1.4 / 43 | **22** M | 0118 | 5.0 / 152 |
| | 1200 | 6.0 / 183 | | 0739 | 1.2 / 37 |
| | 1909 | 1.2 / 37 | | 1337 | 5.7 / 174 |
| | | | | 2017 | 0.4 / 12 |
| **8** M | 0041 | 5.4 / 165 | **23** Tu | 0224 | 5.1 / 155 |
| | 0725 | 1.3 / 40 | | 0834 | 1.2 / 37 |
| | 1301 | 6.2 / 189 | | 1430 | 5.8 / 177 |
| | 2009 | 0.6 / 18 | | 2109 | 0.1 / 3 |
| **9** Tu | 0152 | 5.6 / 171 | **24** W | 0319 | 5.2 / 158 |
| | 0823 | 1.2 / 37 | | 0924 | 1.1 / 34 |
| | 1401 | 6.5 / 198 | | 1518 | 6.0 / 183 |
| | 2104 | 0.1 / 3 | | 2156 | −0.2 / −6 |
| **10** W | 0256 | 5.8 / 177 | **25** Th | 0404 | 5.3 / 162 |
| | 0917 | 1.0 / 30 | | 1010 | 1.0 / 30 |
| | 1456 | 6.9 / 210 | | 1559 | 6.1 / 186 |
| | 2156 | −0.5 / −15 | | 2240 | −0.3 / −9 |
| **11** Th | 0353 | 6.1 / 186 | **26** F | 0443 | 5.5 / 168 |
| | 1009 | 0.8 / 24 | | 1052 | 0.9 / 27 |
| | 1549 | 7.2 / 219 | | 1637 | 6.3 / 192 |
| | 2246 | −0.9 / −27 | | 2320 | −0.5 / −15 |
| **12** F | 0445 | 6.4 / 195 | **27** Sa | 0517 | 5.6 / 171 |
| | 1059 | 0.6 / 18 | | 1131 | 0.8 / 24 |
| | 1639 | 7.5 / 229 | | 1712 | 6.4 / 195 |
| ○ | 2335 | −1.2 / −37 | ● | 2358 | −0.5 / −15 |
| **13** Sa | 0535 | 6.5 / 198 | **28** Su | 0549 | 5.7 / 174 |
| | 1148 | 0.5 / 15 | | 1208 | 0.8 / 24 |
| | 1729 | 7.6 / 232 | | 1745 | 6.5 / 198 |
| **14** Su | 0024 | −1.2 / −37 | **29** M | 0035 | −0.5 / −15 |
| | 0623 | 6.6 / 201 | | 0620 | 5.8 / 177 |
| | 1237 | 0.4 / 12 | | 1243 | 0.8 / 24 |
| | 1817 | 7.5 / 229 | | 1817 | 6.5 / 198 |
| **15** M | 0112 | −1.2 / −37 | **30** Tu | 0110 | −0.4 / −12 |
| | 0711 | 6.5 / 198 | | 0651 | 5.8 / 177 |
| | 1327 | 0.5 / 15 | | 1317 | 0.8 / 24 |
| | 1906 | 7.3 / 223 | | 1851 | 6.4 / 195 |
| | | | **31** W | 0144 | −0.3 / −9 |
| | | | | 0724 | 5.9 / 180 |
| | | | | 1351 | 0.8 / 24 |
| | | | | 1927 | 6.3 / 192 |

Time meridian 60° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Suriname River Entrance, Surinam, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0425 | 2.2 | 67 |
| | 1040 | 6.4 | 195 |
| | 1659 | 2.2 | 67 |
| | 2312 | 6.2 | 189 |
| **2** W | 0522 | 2.4 | 73 |
| | 1138 | 6.4 | 195 |
| | 1800 | 2.2 | 67 |
| **3** Th | 0014 | 6.1 | 186 |
| | 0621 | 2.4 | 73 |
| | 1237 | 6.4 | 195 |
| | 1900 | 2.1 | 64 |
| **4** F | 0114 | 6.2 | 189 |
| | 0718 | 2.4 | 73 |
| | 1332 | 6.6 | 201 |
| | 1955 | 1.9 | 58 |
| **5** Sa | 0209 | 6.3 | 192 |
| | 0811 | 2.2 | 67 |
| | 1423 | 6.8 | 207 |
| | 2045 | 1.7 | 52 |
| **6** Su | 0257 | 6.5 | 198 |
| | 0858 | 2.0 | 61 |
| | 1509 | 7.0 | 213 |
| | 2130 | 1.4 | 43 |
| **7** M | 0341 | 6.7 | 204 |
| | 0941 | 1.8 | 55 |
| | 1551 | 7.3 | 223 |
| | 2211 | 1.2 | 37 |
| **8** Tu ● | 0422 | 7.0 | 213 |
| | 1022 | 1.6 | 49 |
| | 1632 | 7.5 | 229 |
| | 2251 | 0.9 | 27 |
| **9** W | 0501 | 7.2 | 219 |
| | 1102 | 1.3 | 40 |
| | 1712 | 7.7 | 235 |
| | 2330 | 0.8 | 24 |
| **10** Th | 0540 | 7.4 | 226 |
| | 1142 | 1.2 | 37 |
| | 1752 | 7.9 | 241 |
| **11** F | 0009 | 0.7 | 21 |
| | 0619 | 7.5 | 229 |
| | 1223 | 1.0 | 30 |
| | 1834 | 7.9 | 241 |
| **12** Sa | 0049 | 0.7 | 21 |
| | 0659 | 7.5 | 229 |
| | 1306 | 1.0 | 30 |
| | 1917 | 7.8 | 238 |
| **13** Su | 0132 | 0.9 | 27 |
| | 0742 | 7.5 | 229 |
| | 1352 | 1.1 | 34 |
| | 2004 | 7.6 | 232 |
| **14** M | 0217 | 1.1 | 34 |
| | 0829 | 7.4 | 226 |
| | 1442 | 1.2 | 37 |
| | 2056 | 7.2 | 219 |
| **15** Tu ◐ | 0308 | 1.4 | 43 |
| | 0921 | 7.2 | 219 |
| | 1539 | 1.4 | 43 |
| | 2155 | 6.9 | 210 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0405 | 1.8 | 55 |
| | 1021 | 7.0 | 213 |
| | 1645 | 1.6 | 49 |
| | 2303 | 6.5 | 198 |
| **17** Th | 0511 | 2.1 | 64 |
| | 1129 | 6.8 | 207 |
| | 1758 | 1.7 | 52 |
| **18** F | 0018 | 6.4 | 195 |
| | 0624 | 2.2 | 67 |
| | 1242 | 6.9 | 210 |
| | 1913 | 1.6 | 49 |
| **19** Sa | 0132 | 6.5 | 198 |
| | 0736 | 2.1 | 64 |
| | 1352 | 7.1 | 216 |
| | 2020 | 1.4 | 43 |
| **20** Su | 0238 | 6.7 | 204 |
| | 0840 | 1.9 | 58 |
| | 1453 | 7.3 | 223 |
| | 2119 | 1.1 | 34 |
| **21** M | 0333 | 7.0 | 213 |
| | 0935 | 1.5 | 46 |
| | 1547 | 7.6 | 232 |
| | 2209 | 0.8 | 24 |
| **22** Tu ○ | 0421 | 7.3 | 223 |
| | 1023 | 1.2 | 37 |
| | 1634 | 7.9 | 241 |
| | 2253 | 0.6 | 18 |
| **23** W | 0504 | 7.5 | 229 |
| | 1107 | 1.0 | 30 |
| | 1717 | 8.0 | 244 |
| | 2333 | 0.6 | 18 |
| **24** Th | 0542 | 7.6 | 232 |
| | 1147 | 0.9 | 27 |
| | 1757 | 8.0 | 244 |
| **25** F | 0011 | 0.6 | 18 |
| | 0619 | 7.7 | 235 |
| | 1224 | 0.8 | 24 |
| | 1835 | 7.9 | 241 |
| **26** Sa | 0046 | 0.8 | 24 |
| | 0654 | 7.6 | 232 |
| | 1302 | 0.9 | 27 |
| | 1912 | 7.7 | 235 |
| **27** Su | 0122 | 1.0 | 30 |
| | 0730 | 7.4 | 226 |
| | 1339 | 1.1 | 34 |
| | 1949 | 7.3 | 223 |
| **28** M | 0158 | 1.4 | 43 |
| | 0807 | 7.2 | 219 |
| | 1418 | 1.4 | 43 |
| | 2029 | 7.0 | 213 |
| **29** Tu | 0237 | 1.7 | 52 |
| | 0847 | 6.9 | 210 |
| | 1501 | 1.8 | 55 |
| | 2113 | 6.5 | 198 |
| **30** W ◑ | 0320 | 2.1 | 64 |
| | 0933 | 6.5 | 198 |
| | 1552 | 2.1 | 64 |
| | 2205 | 6.1 | 186 |
| **31** Th | 0412 | 2.5 | 76 |
| | 1028 | 6.2 | 189 |
| | 1653 | 2.4 | 73 |
| | 2311 | 5.8 | 177 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0518 | 2.8 | 85 |
| | 1137 | 6.0 | 183 |
| | 1808 | 2.5 | 76 |
| **2** Sa | 0029 | 5.7 | 174 |
| | 0635 | 2.9 | 88 |
| | 1253 | 6.1 | 186 |
| | 1923 | 2.4 | 73 |
| **3** Su | 0143 | 5.9 | 180 |
| | 0747 | 2.7 | 82 |
| | 1401 | 6.4 | 195 |
| | 2026 | 2.0 | 61 |
| **4** M | 0242 | 6.3 | 192 |
| | 0845 | 2.3 | 70 |
| | 1456 | 6.8 | 207 |
| | 2117 | 1.6 | 49 |
| **5** Tu | 0330 | 6.7 | 204 |
| | 0932 | 1.8 | 55 |
| | 1542 | 7.2 | 219 |
| | 2200 | 1.2 | 37 |
| **6** W | 0411 | 7.1 | 216 |
| | 1013 | 1.3 | 40 |
| | 1623 | 7.7 | 235 |
| | 2238 | 0.8 | 24 |
| **7** Th ● | 0448 | 7.5 | 229 |
| | 1052 | 0.9 | 27 |
| | 1701 | 8.0 | 244 |
| | 2315 | 0.5 | 15 |
| **8** F | 0524 | 7.9 | 241 |
| | 1129 | 0.6 | 18 |
| | 1740 | 8.3 | 253 |
| | 2352 | 0.3 | 9 |
| **9** Sa | 0600 | 8.1 | 247 |
| | 1207 | 0.4 | 12 |
| | 1818 | 8.3 | 253 |
| **10** Su | 0029 | 0.4 | 12 |
| | 0637 | 8.2 | 250 |
| | 1247 | 0.3 | 9 |
| | 1858 | 8.2 | 250 |
| **11** M | 0107 | 0.5 | 15 |
| | 0716 | 8.1 | 247 |
| | 1328 | 0.5 | 15 |
| | 1940 | 7.9 | 241 |
| **12** Tu | 0148 | 0.9 | 27 |
| | 0758 | 7.8 | 238 |
| | 1414 | 0.8 | 24 |
| | 2027 | 7.4 | 226 |
| **13** W | 0233 | 1.4 | 43 |
| | 0845 | 7.4 | 226 |
| | 1506 | 1.2 | 37 |
| | 2121 | 6.8 | 207 |
| **14** Th ◐ | 0326 | 2.0 | 61 |
| | 0942 | 6.9 | 210 |
| | 1610 | 1.7 | 52 |
| | 2230 | 6.2 | 189 |
| **15** F | 0435 | 2.5 | 76 |
| | 1054 | 6.5 | 198 |
| | 1731 | 2.1 | 64 |
| | 2357 | 5.9 | 180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0603 | 2.7 | 82 |
| | 1223 | 6.4 | 195 |
| | 1901 | 2.1 | 64 |
| **17** Su | 0126 | 6.1 | 186 |
| | 0731 | 2.5 | 76 |
| | 1347 | 6.6 | 201 |
| | 2017 | 1.8 | 55 |
| **18** M | 0236 | 6.5 | 198 |
| | 0840 | 2.1 | 64 |
| | 1452 | 7.0 | 213 |
| | 2114 | 1.3 | 40 |
| **19** Tu | 0328 | 6.9 | 210 |
| | 0932 | 1.6 | 49 |
| | 1542 | 7.5 | 229 |
| | 2159 | 1.0 | 30 |
| **20** W | 0410 | 7.4 | 226 |
| | 1014 | 1.1 | 34 |
| | 1624 | 7.8 | 238 |
| | 2237 | 0.7 | 21 |
| **21** Th ○ | 0446 | 7.7 | 235 |
| | 1051 | 0.7 | 21 |
| | 1701 | 8.0 | 244 |
| | 2311 | 0.6 | 18 |
| **22** F | 0518 | 7.9 | 241 |
| | 1125 | 0.5 | 15 |
| | 1735 | 8.1 | 247 |
| | 2343 | 0.6 | 18 |
| **23** Sa | 0550 | 8.0 | 244 |
| | 1158 | 0.4 | 12 |
| | 1807 | 8.1 | 247 |
| **24** Su | 0014 | 0.6 | 18 |
| | 0620 | 8.0 | 244 |
| | 1230 | 0.5 | 15 |
| | 1839 | 7.9 | 241 |
| **25** M | 0044 | 0.8 | 24 |
| | 0651 | 7.8 | 238 |
| | 1302 | 0.7 | 21 |
| | 1911 | 7.6 | 232 |
| **26** Tu | 0116 | 1.1 | 34 |
| | 0723 | 7.6 | 232 |
| | 1336 | 1.0 | 30 |
| | 1945 | 7.2 | 219 |
| **27** W | 0149 | 1.6 | 49 |
| | 0757 | 7.2 | 219 |
| | 1413 | 1.5 | 46 |
| | 2024 | 6.7 | 204 |
| **28** Th ◑ | 0227 | 2.0 | 61 |
| | 0837 | 6.7 | 204 |
| | 1457 | 2.0 | 61 |
| | 2111 | 6.2 | 189 |
| **29** F | 0314 | 2.5 | 76 |
| | 0928 | 6.2 | 189 |
| | 1556 | 2.4 | 73 |
| | 2215 | 5.7 | 174 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0421 | 3.0 | 91 |
| | 1041 | 5.8 | 177 |
| | 1719 | 2.7 | 82 |
| | 2347 | 5.5 | 168 |
| **2** Su | 0556 | 3.1 | 94 |
| | 1216 | 5.8 | 177 |
| | 1853 | 2.6 | 79 |
| **3** M | 0119 | 5.7 | 174 |
| | 0725 | 2.8 | 85 |
| | 1339 | 6.2 | 189 |
| | 2005 | 2.1 | 64 |
| **4** Tu | 0222 | 6.3 | 192 |
| | 0827 | 2.3 | 70 |
| | 1438 | 6.7 | 204 |
| | 2056 | 1.6 | 49 |
| **5** W | 0309 | 6.9 | 210 |
| | 0914 | 1.6 | 49 |
| | 1524 | 7.4 | 226 |
| | 2138 | 1.0 | 30 |
| **6** Th | 0348 | 7.4 | 226 |
| | 0954 | 1.0 | 30 |
| | 1604 | 7.9 | 241 |
| | 2216 | 0.6 | 18 |
| **7** F ● | 0424 | 8.0 | 244 |
| | 1032 | 0.4 | 12 |
| | 1642 | 8.3 | 253 |
| | 2252 | 0.3 | 9 |
| **8** Sa | 0459 | 8.4 | 256 |
| | 1109 | 0.0 | 0 |
| | 1719 | 8.5 | 259 |
| | 2327 | 0.1 | 3 |
| **9** Su | 0535 | 8.6 | 262 |
| | 1146 | −0.2 | −6 |
| | 1757 | 8.6 | 262 |
| **10** M | 0004 | 0.2 | 6 |
| | 0611 | 8.6 | 262 |
| | 1224 | −0.1 | −3 |
| | 1836 | 8.3 | 253 |
| **11** Tu | 0041 | 0.5 | 15 |
| | 0649 | 8.4 | 256 |
| | 1305 | 0.2 | 6 |
| | 1917 | 7.9 | 241 |
| **12** W | 0121 | 0.9 | 27 |
| | 0730 | 8.0 | 244 |
| | 1349 | 0.7 | 21 |
| | 2003 | 7.2 | 219 |
| **13** Th | 0205 | 1.6 | 49 |
| | 0816 | 7.4 | 226 |
| | 1441 | 1.3 | 40 |
| | 2057 | 6.6 | 201 |
| **14** F ◐ | 0259 | 2.2 | 67 |
| | 0914 | 6.7 | 204 |
| | 1547 | 1.9 | 58 |
| | 2210 | 5.9 | 180 |
| **15** Sa | 0414 | 2.8 | 85 |
| | 1034 | 6.2 | 189 |
| | 1717 | 2.4 | 73 |
| | 2349 | 5.7 | 174 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0557 | 3.0 | 91 |
| | 1217 | 6.1 | 186 |
| | 1855 | 2.3 | 70 |
| **17** M | 0122 | 6.0 | 183 |
| | 0729 | 2.6 | 79 |
| | 1342 | 6.4 | 195 |
| | 2007 | 1.9 | 58 |
| **18** Tu | 0224 | 6.5 | 198 |
| | 0831 | 2.0 | 61 |
| | 1441 | 6.9 | 210 |
| | 2058 | 1.5 | 46 |
| **19** W | 0309 | 7.0 | 213 |
| | 0916 | 1.4 | 43 |
| | 1526 | 7.4 | 226 |
| | 2137 | 1.1 | 34 |
| **20** Th | 0346 | 7.5 | 229 |
| | 0954 | 1.0 | 30 |
| | 1603 | 7.7 | 235 |
| | 2211 | 0.8 | 24 |
| **21** F ○ | 0418 | 7.8 | 238 |
| | 1027 | 0.6 | 18 |
| | 1636 | 7.9 | 241 |
| | 2242 | 0.7 | 21 |
| **22** Sa | 0448 | 8.0 | 244 |
| | 1057 | 0.4 | 12 |
| | 1706 | 8.0 | 244 |
| | 2311 | 0.6 | 18 |
| **23** Su | 0516 | 8.2 | 250 |
| | 1127 | 0.3 | 9 |
| | 1736 | 8.0 | 244 |
| | 2339 | 0.7 | 21 |
| **24** M | 0545 | 8.1 | 247 |
| | 1157 | 0.4 | 12 |
| | 1806 | 7.8 | 238 |
| **25** Tu | 0008 | 0.9 | 27 |
| | 0614 | 8.0 | 244 |
| | 1228 | 0.6 | 18 |
| | 1837 | 7.6 | 232 |
| **26** W | 0038 | 1.2 | 37 |
| | 0645 | 7.7 | 235 |
| | 1300 | 0.9 | 27 |
| | 1910 | 7.2 | 219 |
| **27** Th | 0111 | 1.6 | 49 |
| | 0719 | 7.3 | 223 |
| | 1336 | 1.4 | 43 |
| | 1948 | 6.7 | 204 |
| **28** F | 0148 | 2.1 | 64 |
| | 0758 | 6.8 | 207 |
| | 1420 | 1.9 | 58 |
| | 2034 | 6.2 | 189 |
| **29** Sa ◑ | 0235 | 2.6 | 79 |
| | 0849 | 6.3 | 192 |
| | 1519 | 2.4 | 73 |
| | 2140 | 5.7 | 174 |
| **30** Su | 0344 | 3.0 | 91 |
| | 1004 | 5.9 | 180 |
| | 1643 | 2.7 | 82 |
| | 2314 | 5.5 | 168 |
| **31** M | 0524 | 3.1 | 94 |
| | 1143 | 5.8 | 177 |
| | 1819 | 2.5 | 76 |

Time meridian 52° 30' W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
Seasonal variations in sea level have not been included in these predictions.

# Suriname River Entrance, Surinam, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0045 | 5.9 180 | 16 W | 0154 | 6.6 201 |
| | 0654 | 2.7 82 | | 0804 | 1.9 58 |
| | 1308 | 6.2 189 | | 1414 | 6.8 207 |
| | 1931 | 2.1 64 | | 2026 | 1.6 49 |
| 2 W | 0148 | 6.4 195 | 17 Th | 0236 | 7.1 216 |
| | 0757 | 2.0 61 | | 0847 | 1.4 43 |
| | 1408 | 6.8 207 | | 1456 | 7.2 219 |
| | 2023 | 1.5 46 | | 2104 | 1.3 40 |
| 3 Th | 0235 | 7.1 216 | 18 F | 0312 | 7.4 226 |
| | 0845 | 1.3 40 | | 0923 | 1.0 30 |
| | 1455 | 7.5 229 | | 1532 | 7.5 229 |
| | 2106 | 0.9 27 | | 2137 | 1.1 34 |
| 4 F | 0316 | 7.7 235 | 19 Sa | 0344 | 7.8 238 |
| | 0926 | 0.6 18 | | 0956 | 0.7 21 |
| | 1537 | 8.0 244 | | 1604 | 7.7 235 |
| | 2145 | 0.5 15 | | 2207 | 1.0 30 |
| 5 Sa | 0354 | 8.3 253 | 20 Su ○ | 0414 | 7.9 241 |
| | 1006 | 0.1 3 | | 1026 | 0.5 15 |
| | 1616 | 8.4 256 | | 1635 | 7.7 235 |
| | 2223 | 0.2 6 | | 2237 | 0.9 27 |
| 6 Su ● | 0431 | 8.6 262 | 21 M | 0443 | 8.0 244 |
| | 1044 | −0.3 −9 | | 1057 | 0.4 12 |
| | 1656 | 8.5 259 | | 1705 | 7.7 235 |
| | 2300 | 0.2 6 | | 2306 | 1.0 30 |
| 7 M | 0508 | 8.8 268 | 22 Tu | 0512 | 8.0 244 |
| | 1123 | −0.4 −12 | | 1127 | 0.5 15 |
| | 1735 | 8.4 256 | | 1736 | 7.6 232 |
| | 2338 | 0.3 9 | | 2336 | 1.1 34 |
| 8 Tu | 0546 | 8.7 265 | 23 W | 0543 | 7.9 241 |
| | 1203 | −0.2 −6 | | 1159 | 0.7 21 |
| | 1816 | 8.1 247 | | 1809 | 7.3 223 |
| 9 W | 0017 | 0.7 21 | 24 Th | 0008 | 1.4 43 |
| | 0626 | 8.4 256 | | 0616 | 7.6 232 |
| | 1246 | 0.2 6 | | 1234 | 1.0 30 |
| | 1859 | 7.6 232 | | 1844 | 7.0 213 |
| 10 Th | 0059 | 1.2 37 | 25 F | 0043 | 1.7 52 |
| | 0709 | 7.9 241 | | 0652 | 7.2 219 |
| | 1332 | 0.8 24 | | 1313 | 1.4 43 |
| | 1947 | 7.0 213 | | 1925 | 6.6 201 |
| 11 F | 0147 | 1.8 55 | 26 Sa | 0124 | 2.1 64 |
| | 0759 | 7.2 219 | | 0735 | 6.8 207 |
| | 1427 | 1.5 46 | | 1400 | 1.8 55 |
| | 2045 | 6.4 195 | | 2015 | 6.2 189 |
| 12 Sa ◐ | 0246 | 2.4 73 | 27 Su | 0216 | 2.5 76 |
| | 0902 | 6.5 198 | | 0830 | 6.4 195 |
| | 1537 | 2.1 64 | | 1500 | 2.2 67 |
| | 2203 | 5.9 180 | | 2121 | 5.9 180 |
| 13 Su | 0408 | 2.9 88 | 28 M ◑ | 0326 | 2.8 85 |
| | 1027 | 6.1 186 | | 0943 | 6.1 186 |
| | 1707 | 2.4 73 | | 1616 | 2.4 73 |
| | 2338 | 5.8 177 | | 2242 | 5.9 180 |
| 14 M | 0548 | 2.9 88 | 29 Tu | 0453 | 2.8 85 |
| | 1205 | 6.1 186 | | 1109 | 6.1 186 |
| | 1834 | 2.3 70 | | 1737 | 2.3 70 |
| 15 Tu | 0058 | 6.1 186 | 30 W | 0000 | 6.2 189 |
| | 0708 | 2.5 76 | | 0613 | 2.4 73 |
| | 1320 | 6.4 195 | | 1227 | 6.5 198 |
| | 1938 | 2.0 61 | | 1846 | 1.9 58 |

## May

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Th | 0103 | 6.7 204 | 16 F | 0153 | 6.9 210 |
| | 0716 | 1.8 55 | | 0807 | 1.5 46 |
| | 1328 | 6.9 210 | | 1417 | 6.9 210 |
| | 1941 | 1.4 43 | | 2022 | 1.6 49 |
| 2 F | 0154 | 7.3 223 | 17 Sa | 0231 | 7.2 219 |
| | 0808 | 1.1 34 | | 0847 | 1.2 37 |
| | 1420 | 7.5 229 | | 1456 | 7.1 216 |
| | 2028 | 1.0 30 | | 2058 | 1.5 46 |
| 3 Sa | 0239 | 7.9 241 | 18 Su | 0307 | 7.5 229 |
| | 0854 | 0.5 15 | | 0922 | 1.0 30 |
| | 1506 | 7.9 241 | | 1532 | 7.2 219 |
| | 2112 | 0.7 21 | | 2132 | 1.4 43 |
| 4 Su | 0321 | 8.3 253 | 19 M ○ | 0340 | 7.6 232 |
| | 0938 | 0.1 3 | | 0956 | 0.9 27 |
| | 1550 | 8.1 247 | | 1606 | 7.3 223 |
| | 2153 | 0.5 15 | | 2205 | 1.3 40 |
| 5 M ● | 0403 | 8.6 262 | 20 Tu | 0413 | 7.7 235 |
| | 1020 | −0.2 −6 | | 1030 | 0.8 24 |
| | 1632 | 8.2 250 | | 1639 | 7.3 223 |
| | 2235 | 0.5 15 | | 2239 | 1.4 43 |
| 6 Tu | 0444 | 8.7 265 | 21 W | 0447 | 7.7 235 |
| | 1103 | −0.2 −6 | | 1104 | 0.8 24 |
| | 1716 | 8.1 247 | | 1714 | 7.2 219 |
| | 2317 | 0.7 21 | | 2313 | 1.4 43 |
| 7 W | 0526 | 8.5 259 | 22 Th | 0521 | 7.6 232 |
| | 1147 | 0.0 0 | | 1140 | 1.0 30 |
| | 1800 | 7.8 238 | | 1750 | 7.0 213 |
| | | | | 2349 | 1.6 49 |
| 8 Th | 0000 | 1.0 30 | 23 F | 0558 | 7.4 226 |
| | 0610 | 8.2 250 | | 1218 | 1.1 34 |
| | 1233 | 0.4 12 | | 1829 | 6.9 210 |
| | 1847 | 7.3 223 | | | |
| 9 F | 0047 | 1.4 43 | 24 Sa | 0028 | 1.8 55 |
| | 0658 | 7.7 235 | | 0638 | 7.2 219 |
| | 1323 | 0.9 27 | | 1300 | 1.4 43 |
| | 1939 | 6.9 210 | | 1913 | 6.7 204 |
| 10 Sa | 0140 | 1.9 58 | 25 Su | 0113 | 2.0 61 |
| | 0752 | 7.1 216 | | 0725 | 7.0 213 |
| | 1420 | 1.5 46 | | 1349 | 1.6 49 |
| | 2039 | 6.4 195 | | 2004 | 6.5 198 |
| 11 Su | 0242 | 2.3 70 | 26 M | 0206 | 2.2 67 |
| | 0857 | 6.6 201 | | 0819 | 6.7 204 |
| | 1527 | 2.0 61 | | 1444 | 1.8 55 |
| | 2150 | 6.1 186 | | 2102 | 6.4 195 |
| 12 M ◐ | 0358 | 2.6 79 | 27 Tu ◑ | 0309 | 2.3 70 |
| | 1013 | 6.3 192 | | 0923 | 6.6 201 |
| | 1642 | 2.2 67 | | 1547 | 1.9 58 |
| | 2306 | 6.1 186 | | 2207 | 6.4 195 |
| 13 Tu | 0518 | 2.5 76 | 28 W | 0418 | 2.2 67 |
| | 1132 | 6.2 189 | | 1033 | 6.5 198 |
| | 1753 | 2.2 67 | | 1653 | 1.9 58 |
| | | | | 2312 | 6.6 201 |
| 14 W | 0013 | 6.3 192 | 29 Th | 0528 | 2.0 61 |
| | 0627 | 2.3 70 | | 1142 | 6.7 204 |
| | 1239 | 6.4 195 | | 1757 | 1.8 55 |
| | 1853 | 2.1 64 | | | |
| 15 Th | 0108 | 6.6 201 | 30 F | 0014 | 6.9 210 |
| | 0722 | 1.9 58 | | 0632 | 1.6 49 |
| | 1333 | 6.6 201 | | 1246 | 6.9 210 |
| | 1941 | 1.8 55 | | 1856 | 1.5 46 |
| | | | 31 Sa | 0110 | 7.4 226 |
| | | | | 0730 | 1.1 34 |
| | | | | 1343 | 7.2 219 |
| | | | | 1950 | 1.3 40 |

## June

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Su | 0202 | 7.8 238 | 16 M | 0231 | 7.0 213 |
| | 0823 | 0.7 21 | | 0851 | 1.5 46 |
| | 1436 | 7.5 229 | | 1502 | 6.7 204 |
| | 2040 | 1.1 34 | | 2102 | 1.9 58 |
| 2 M | 0252 | 8.1 247 | 17 Tu | 0312 | 7.2 219 |
| | 0913 | 0.4 12 | | 0932 | 1.3 40 |
| | 1526 | 7.7 235 | | 1542 | 6.8 207 |
| | 2128 | 0.9 27 | | 2142 | 1.8 55 |
| 3 Tu ● | 0339 | 8.3 253 | 18 W ○ | 0352 | 7.3 223 |
| | 1001 | 0.2 6 | | 1011 | 1.2 37 |
| | 1615 | 7.7 235 | | 1622 | 6.9 210 |
| | 2216 | 0.9 27 | | 2221 | 1.7 52 |
| 4 W | 0427 | 8.3 253 | 19 Th | 0430 | 7.4 226 |
| | 1049 | 0.2 6 | | 1050 | 1.1 34 |
| | 1703 | 7.7 235 | | 1700 | 6.9 210 |
| | 2303 | 1.0 30 | | 2259 | 1.6 49 |
| 5 Th | 0514 | 8.2 250 | 20 F | 0509 | 7.4 226 |
| | 1137 | 0.3 9 | | 1129 | 1.1 34 |
| | 1751 | 7.5 229 | | 1739 | 7.0 213 |
| | 2351 | 1.2 37 | | 2339 | 1.6 49 |
| 6 F | 0602 | 8.0 244 | 21 Sa | 0549 | 7.5 229 |
| | 1226 | 0.6 18 | | 1209 | 1.1 34 |
| | 1840 | 7.3 223 | | 1819 | 7.0 213 |
| 7 Sa | 0041 | 1.4 43 | 22 Su | 0020 | 1.6 49 |
| | 0652 | 7.6 232 | | 0631 | 7.4 226 |
| | 1316 | 1.0 30 | | 1250 | 1.1 34 |
| | 1930 | 7.0 213 | | 1901 | 7.0 213 |
| 8 Su | 0133 | 1.7 52 | 23 M | 0104 | 1.6 49 |
| | 0745 | 7.3 223 | | 0715 | 7.3 223 |
| | 1408 | 1.3 40 | | 1334 | 1.2 37 |
| | 2024 | 6.7 204 | | 1946 | 7.0 213 |
| 9 M | 0229 | 1.9 58 | 24 Tu | 0152 | 1.6 49 |
| | 0842 | 6.9 210 | | 0804 | 7.2 219 |
| | 1503 | 1.7 52 | | 1422 | 1.4 43 |
| | 2120 | 6.6 201 | | 2035 | 7.0 213 |
| 10 Tu ◐ | 0329 | 2.1 64 | 25 W | 0244 | 1.6 49 |
| | 0942 | 6.6 201 | | 0857 | 7.1 216 |
| | 1601 | 2.0 61 | | 1514 | 1.5 46 |
| | 2218 | 6.5 198 | | 2128 | 6.9 210 |
| 11 W | 0431 | 2.2 67 | 26 Th ◑ | 0342 | 1.6 49 |
| | 1044 | 6.4 195 | | 0956 | 6.9 210 |
| | 1659 | 2.1 64 | | 1610 | 1.7 52 |
| | 2316 | 6.5 198 | | 2226 | 7.0 213 |
| 12 Th | 0532 | 2.1 64 | 27 F | 0444 | 1.6 49 |
| | 1145 | 6.3 192 | | 1100 | 6.8 207 |
| | 1756 | 2.2 67 | | 1711 | 1.8 55 |
| | | | | 2328 | 7.1 216 |
| 13 F | 0011 | 6.5 198 | 28 Sa | 0550 | 1.5 46 |
| | 0629 | 2.0 61 | | 1206 | 6.8 207 |
| | 1241 | 6.4 195 | | 1814 | 1.8 55 |
| | 1848 | 2.1 64 | | | |
| 14 Sa | 0102 | 6.7 204 | 29 Su | 0030 | 7.2 219 |
| | 0721 | 1.8 55 | | 0655 | 1.3 40 |
| | 1332 | 6.5 198 | | 1311 | 6.9 210 |
| | 1936 | 2.1 64 | | 1917 | 1.7 52 |
| 15 Su | 0148 | 6.9 210 | 30 M | 0132 | 7.4 226 |
| | 0808 | 1.7 52 | | 0758 | 1.1 34 |
| | 1419 | 6.6 201 | | 1414 | 7.0 213 |
| | 2021 | 2.0 61 | | 2017 | 1.6 49 |

Time meridian 52° 30' W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
Seasonal variations in sea level have not been included in these predictions.

# Suriname River Entrance, Surinam, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0231 | 7.6 | 232 |
| | 0856 | 0.8 | 24 |
| | 1511 | 7.2 | 219 |
| | 2113 | 1.4 | 43 |
| **2** W ● | 0326 | 7.8 | 238 |
| | 0950 | 0.6 | 18 |
| | 1605 | 7.3 | 223 |
| | 2206 | 1.2 | 37 |
| **3** Th | 0418 | 8.0 | 244 |
| | 1041 | 0.5 | 15 |
| | 1655 | 7.4 | 226 |
| | 2256 | 1.1 | 34 |
| **4** F | 0508 | 8.0 | 244 |
| | 1129 | 0.5 | 15 |
| | 1742 | 7.5 | 229 |
| | 2344 | 1.1 | 34 |
| **5** Sa | 0555 | 8.0 | 244 |
| | 1215 | 0.6 | 18 |
| | 1826 | 7.5 | 229 |
| **6** Su | 0030 | 1.1 | 34 |
| | 0642 | 7.8 | 238 |
| | 1259 | 0.8 | 24 |
| | 1910 | 7.3 | 223 |
| **7** M | 0116 | 1.2 | 37 |
| | 0727 | 7.5 | 229 |
| | 1343 | 1.1 | 34 |
| | 1954 | 7.2 | 219 |
| **8** Tu | 0201 | 1.4 | 43 |
| | 0813 | 7.2 | 219 |
| | 1426 | 1.4 | 43 |
| | 2038 | 7.0 | 213 |
| **9** W | 0248 | 1.6 | 49 |
| | 0900 | 6.9 | 210 |
| | 1512 | 1.7 | 52 |
| | 2124 | 6.8 | 207 |
| **10** Th ◐ | 0338 | 1.8 | 55 |
| | 0950 | 6.6 | 201 |
| | 1600 | 2.1 | 64 |
| | 2214 | 6.6 | 201 |
| **11** F | 0432 | 2.1 | 64 |
| | 1045 | 6.3 | 192 |
| | 1653 | 2.3 | 70 |
| | 2308 | 6.4 | 195 |
| **12** Sa | 0530 | 2.2 | 67 |
| | 1144 | 6.1 | 186 |
| | 1751 | 2.5 | 76 |
| **13** Su | 0007 | 6.4 | 195 |
| | 0632 | 2.2 | 67 |
| | 1247 | 6.0 | 183 |
| | 1851 | 2.5 | 76 |
| **14** M | 0106 | 6.4 | 195 |
| | 0732 | 2.1 | 64 |
| | 1346 | 6.1 | 186 |
| | 1949 | 2.4 | 73 |
| **15** Tu | 0202 | 6.6 | 201 |
| | 0826 | 1.9 | 58 |
| | 1440 | 6.3 | 192 |
| | 2041 | 2.2 | 67 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0253 | 6.8 | 207 |
| | 0915 | 1.7 | 52 |
| | 1528 | 6.5 | 198 |
| | 2128 | 2.0 | 61 |
| **17** Th | 0339 | 7.0 | 213 |
| | 0959 | 1.4 | 43 |
| | 1610 | 6.8 | 207 |
| | 2211 | 1.7 | 52 |
| **18** F ○ | 0420 | 7.3 | 223 |
| | 1039 | 1.2 | 37 |
| | 1649 | 7.0 | 213 |
| | 2250 | 1.5 | 46 |
| **19** Sa | 0500 | 7.5 | 229 |
| | 1117 | 1.0 | 30 |
| | 1727 | 7.2 | 219 |
| | 2329 | 1.3 | 40 |
| **20** Su | 0539 | 7.7 | 235 |
| | 1154 | 0.8 | 24 |
| | 1803 | 7.4 | 226 |
| **21** M | 0007 | 1.1 | 34 |
| | 0618 | 7.8 | 238 |
| | 1232 | 0.8 | 24 |
| | 1841 | 7.5 | 229 |
| **22** Tu | 0047 | 1.0 | 30 |
| | 0658 | 7.8 | 238 |
| | 1311 | 0.8 | 24 |
| | 1921 | 7.6 | 232 |
| **23** W | 0130 | 0.9 | 27 |
| | 0741 | 7.7 | 235 |
| | 1353 | 1.0 | 30 |
| | 2003 | 7.5 | 229 |
| **24** Th | 0216 | 1.0 | 30 |
| | 0828 | 7.4 | 226 |
| | 1439 | 1.3 | 40 |
| | 2050 | 7.4 | 226 |
| **25** F ◑ | 0307 | 1.2 | 37 |
| | 0921 | 7.1 | 216 |
| | 1530 | 1.6 | 49 |
| | 2144 | 7.1 | 216 |
| **26** Sa | 0406 | 1.5 | 46 |
| | 1022 | 6.7 | 204 |
| | 1630 | 2.0 | 61 |
| | 2247 | 6.9 | 210 |
| **27** Su | 0515 | 1.6 | 49 |
| | 1134 | 6.4 | 195 |
| | 1740 | 2.2 | 67 |
| | 2359 | 6.8 | 207 |
| **28** M | 0630 | 1.7 | 52 |
| | 1251 | 6.4 | 195 |
| | 1856 | 2.2 | 67 |
| **29** Tu | 0113 | 6.9 | 210 |
| | 0744 | 1.5 | 46 |
| | 1404 | 6.6 | 201 |
| | 2007 | 2.0 | 61 |
| **30** W | 0222 | 7.2 | 219 |
| | 0849 | 1.2 | 37 |
| | 1506 | 6.9 | 210 |
| | 2109 | 1.6 | 49 |
| **31** Th | 0322 | 7.5 | 229 |
| | 0945 | 0.9 | 27 |
| | 1558 | 7.2 | 219 |
| | 2202 | 1.3 | 40 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0413 | 7.8 | 238 |
| | 1032 | 0.7 | 21 |
| | 1644 | 7.5 | 229 |
| | 2248 | 1.0 | 30 |
| **2** Sa | 0459 | 8.0 | 244 |
| | 1115 | 0.5 | 15 |
| | 1725 | 7.7 | 235 |
| | 2330 | 0.8 | 24 |
| **3** Su | 0541 | 8.1 | 247 |
| | 1154 | 0.6 | 18 |
| | 1803 | 7.8 | 238 |
| **4** M | 0010 | 0.7 | 21 |
| | 0620 | 8.0 | 244 |
| | 1231 | 0.7 | 21 |
| | 1839 | 7.8 | 238 |
| **5** Tu | 0047 | 0.8 | 24 |
| | 0658 | 7.8 | 238 |
| | 1307 | 0.9 | 27 |
| | 1915 | 7.6 | 232 |
| **6** W | 0125 | 0.9 | 27 |
| | 0736 | 7.5 | 229 |
| | 1343 | 1.2 | 37 |
| | 1952 | 7.4 | 226 |
| **7** Th | 0204 | 1.2 | 37 |
| | 0814 | 7.1 | 216 |
| | 1421 | 1.6 | 49 |
| | 2030 | 7.0 | 213 |
| **8** F ◐ | 0245 | 1.6 | 49 |
| | 0857 | 6.7 | 204 |
| | 1503 | 2.0 | 61 |
| | 2114 | 6.7 | 204 |
| **9** Sa | 0333 | 2.0 | 61 |
| | 0946 | 6.2 | 189 |
| | 1552 | 2.4 | 73 |
| | 2206 | 6.3 | 192 |
| **10** Su | 0431 | 2.3 | 70 |
| | 1048 | 5.9 | 180 |
| | 1654 | 2.8 | 85 |
| | 2313 | 6.0 | 183 |
| **11** M | 0544 | 2.5 | 76 |
| | 1205 | 5.7 | 174 |
| | 1811 | 2.9 | 88 |
| **12** Tu | 0030 | 6.0 | 183 |
| | 0701 | 2.5 | 76 |
| | 1322 | 5.8 | 177 |
| | 1927 | 2.8 | 85 |
| **13** W | 0142 | 6.2 | 189 |
| | 0808 | 2.2 | 67 |
| | 1425 | 6.1 | 186 |
| | 2028 | 2.4 | 73 |
| **14** Th | 0239 | 6.6 | 201 |
| | 0900 | 1.8 | 55 |
| | 1514 | 6.5 | 198 |
| | 2116 | 2.0 | 61 |
| **15** F | 0326 | 7.0 | 213 |
| | 0943 | 1.4 | 43 |
| | 1554 | 7.0 | 213 |
| | 2157 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0407 | 7.5 | 229 |
| | 1021 | 1.0 | 30 |
| | 1630 | 7.4 | 226 |
| | 2235 | 1.1 | 34 |
| **17** Su | 0444 | 7.8 | 238 |
| | 1057 | 0.7 | 21 |
| | 1705 | 7.7 | 235 |
| | 2311 | 0.7 | 21 |
| **18** M | 0521 | 8.1 | 247 |
| | 1132 | 0.5 | 15 |
| | 1739 | 8.0 | 244 |
| | 2347 | 0.4 | 12 |
| **19** Tu | 0557 | 8.2 | 250 |
| | 1207 | 0.5 | 15 |
| | 1814 | 8.1 | 247 |
| **20** W | 0024 | 0.3 | 9 |
| | 0635 | 8.2 | 250 |
| | 1243 | 0.6 | 18 |
| | 1851 | 8.1 | 247 |
| **21** Th | 0104 | 0.4 | 12 |
| | 0715 | 7.9 | 241 |
| | 1322 | 0.8 | 24 |
| | 1931 | 7.9 | 241 |
| **22** F | 0147 | 0.6 | 18 |
| | 0800 | 7.5 | 229 |
| | 1405 | 1.3 | 40 |
| | 2016 | 7.6 | 232 |
| **23** Sa ◑ | 0236 | 1.1 | 34 |
| | 0850 | 7.0 | 213 |
| | 1455 | 1.8 | 55 |
| | 2109 | 7.1 | 216 |
| **24** Su | 0335 | 1.5 | 46 |
| | 0953 | 6.4 | 195 |
| | 1558 | 2.3 | 70 |
| | 2216 | 6.7 | 204 |
| **25** M | 0450 | 1.9 | 58 |
| | 1115 | 6.0 | 183 |
| | 1721 | 2.6 | 79 |
| | 2341 | 6.4 | 195 |
| **26** Tu | 0620 | 2.0 | 61 |
| | 1246 | 6.1 | 186 |
| | 1853 | 2.6 | 79 |
| **27** W | 0110 | 6.6 | 201 |
| | 0742 | 1.8 | 55 |
| | 1403 | 6.4 | 195 |
| | 2008 | 2.1 | 64 |
| **28** Th | 0221 | 7.0 | 213 |
| | 0845 | 1.4 | 43 |
| | 1500 | 6.9 | 210 |
| | 2105 | 1.6 | 49 |
| **29** F | 0316 | 7.4 | 226 |
| | 0934 | 1.0 | 30 |
| | 1545 | 7.4 | 226 |
| | 2151 | 1.1 | 34 |
| **30** Sa ● | 0402 | 7.8 | 238 |
| | 1015 | 0.7 | 21 |
| | 1624 | 7.7 | 235 |
| | 2231 | 0.7 | 21 |
| **31** Su | 0441 | 8.1 | 247 |
| | 1052 | 0.5 | 15 |
| | 1659 | 8.0 | 244 |
| | 2307 | 0.4 | 12 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0517 | 8.2 | 250 |
| | 1125 | 0.5 | 15 |
| | 1732 | 8.1 | 247 |
| | 2341 | 0.4 | 12 |
| **2** Tu | 0551 | 8.1 | 247 |
| | 1157 | 0.6 | 18 |
| | 1803 | 8.0 | 244 |
| **3** W | 0014 | 0.4 | 12 |
| | 0623 | 7.9 | 241 |
| | 1228 | 0.8 | 24 |
| | 1834 | 7.9 | 241 |
| **4** Th | 0047 | 0.6 | 18 |
| | 0656 | 7.6 | 232 |
| | 1300 | 1.2 | 37 |
| | 1907 | 7.6 | 232 |
| **5** F | 0121 | 1.0 | 30 |
| | 0731 | 7.2 | 219 |
| | 1334 | 1.6 | 49 |
| | 1942 | 7.2 | 219 |
| **6** Sa | 0158 | 1.4 | 43 |
| | 0810 | 6.7 | 204 |
| | 1412 | 2.1 | 64 |
| | 2022 | 6.7 | 204 |
| **7** Su ◐ | 0243 | 1.9 | 58 |
| | 0856 | 6.1 | 186 |
| | 1459 | 2.6 | 79 |
| | 2112 | 6.2 | 189 |
| **8** M | 0340 | 2.4 | 73 |
| | 1000 | 5.7 | 174 |
| | 1605 | 3.0 | 91 |
| | 2224 | 5.8 | 177 |
| **9** Tu | 0502 | 2.7 | 82 |
| | 1130 | 5.5 | 168 |
| | 1739 | 3.2 | 98 |
| | 2359 | 5.8 | 177 |
| **10** W | 0635 | 2.6 | 79 |
| | 1301 | 5.7 | 174 |
| | 1908 | 2.9 | 88 |
| **11** Th | 0121 | 6.1 | 186 |
| | 0746 | 2.2 | 67 |
| | 1404 | 6.2 | 189 |
| | 2010 | 2.3 | 70 |
| **12** F | 0219 | 6.6 | 201 |
| | 0837 | 1.7 | 52 |
| | 1450 | 6.8 | 207 |
| | 2055 | 1.7 | 52 |
| **13** Sa | 0304 | 7.2 | 219 |
| | 0918 | 1.2 | 37 |
| | 1528 | 7.3 | 223 |
| | 2134 | 1.1 | 34 |
| **14** Su | 0344 | 7.7 | 235 |
| | 0954 | 0.8 | 24 |
| | 1602 | 7.8 | 238 |
| | 2210 | 0.6 | 18 |
| **15** M ○ | 0420 | 8.1 | 247 |
| | 1029 | 0.5 | 15 |
| | 1636 | 8.2 | 250 |
| | 2246 | 0.2 | 6 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0456 | 8.4 | 256 |
| | 1103 | 0.3 | 9 |
| | 1710 | 8.5 | 259 |
| | 2322 | −0.1 | −3 |
| **17** W | 0533 | 8.4 | 256 |
| | 1138 | 0.3 | 9 |
| | 1745 | 8.5 | 259 |
| | 2359 | −0.1 | −3 |
| **18** Th | 0610 | 8.3 | 253 |
| | 1215 | 0.5 | 15 |
| | 1822 | 8.4 | 256 |
| **19** F | 0039 | 0.1 | 3 |
| | 0651 | 7.9 | 241 |
| | 1254 | 0.9 | 27 |
| | 1903 | 8.0 | 244 |
| **20** Sa | 0122 | 0.5 | 15 |
| | 0735 | 7.3 | 223 |
| | 1337 | 1.5 | 46 |
| | 1948 | 7.5 | 229 |
| **21** Su | 0212 | 1.1 | 34 |
| | 0828 | 6.7 | 204 |
| | 1429 | 2.1 | 64 |
| | 2044 | 6.9 | 210 |
| **22** M ◑ | 0315 | 1.8 | 55 |
| | 0937 | 6.1 | 186 |
| | 1540 | 2.7 | 82 |
| | 2159 | 6.3 | 192 |
| **23** Tu | 0440 | 2.2 | 67 |
| | 1111 | 5.8 | 177 |
| | 1719 | 2.9 | 88 |
| | 2339 | 6.1 | 186 |
| **24** W | 0617 | 2.2 | 67 |
| | 1245 | 6.0 | 183 |
| | 1854 | 2.6 | 79 |
| **25** Th | 0108 | 6.4 | 195 |
| | 0734 | 1.9 | 58 |
| | 1353 | 6.5 | 198 |
| | 2001 | 2.0 | 61 |
| **26** F | 0212 | 6.9 | 210 |
| | 0829 | 1.4 | 43 |
| | 1442 | 7.1 | 216 |
| | 2051 | 1.4 | 43 |
| **27** Sa | 0301 | 7.4 | 226 |
| | 0912 | 1.1 | 34 |
| | 1522 | 7.5 | 229 |
| | 2131 | 0.9 | 27 |
| **28** Su | 0340 | 7.8 | 238 |
| | 0948 | 0.8 | 24 |
| | 1556 | 7.9 | 241 |
| | 2206 | 0.5 | 15 |
| **29** M ● | 0415 | 8.0 | 244 |
| | 1021 | 0.7 | 21 |
| | 1627 | 8.1 | 247 |
| | 2238 | 0.3 | 9 |
| **30** Tu | 0448 | 8.0 | 244 |
| | 1051 | 0.6 | 18 |
| | 1657 | 8.2 | 250 |
| | 2309 | 0.3 | 9 |

Time meridian 52° 30' W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
Seasonal variations in sea level have not been included in these predictions.

# Suriname River Entrance, Surinam, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0518 | 8.0 | 244 |
| | 1121 | 0.7 | 21 |
| | 1727 | 8.1 | 247 |
| | 2340 | 0.4 | 12 |
| **2** Th | 0549 | 7.8 | 238 |
| | 1150 | 0.9 | 27 |
| | 1757 | 8.0 | 244 |
| **3** F | 0011 | 0.6 | 18 |
| | 0621 | 7.5 | 229 |
| | 1221 | 1.2 | 37 |
| | 1828 | 7.7 | 235 |
| **4** Sa | 0044 | 0.9 | 27 |
| | 0654 | 7.1 | 216 |
| | 1254 | 1.6 | 49 |
| | 1903 | 7.2 | 219 |
| **5** Su | 0121 | 1.4 | 43 |
| | 0733 | 6.6 | 201 |
| | 1332 | 2.1 | 64 |
| | 1942 | 6.7 | 204 |
| **6** M | 0206 | 1.9 | 58 |
| | 0820 | 6.1 | 186 |
| | 1421 | 2.6 | 79 |
| | 2034 | 6.2 | 189 |
| **7** Tu ◐ | 0305 | 2.4 | 73 |
| | 0926 | 5.7 | 174 |
| | 1531 | 3.0 | 91 |
| | 2149 | 5.8 | 177 |
| **8** W | 0428 | 2.7 | 82 |
| | 1059 | 5.5 | 168 |
| | 1709 | 3.1 | 94 |
| | 2327 | 5.8 | 177 |
| **9** Th | 0600 | 2.6 | 79 |
| | 1227 | 5.8 | 177 |
| | 1836 | 2.8 | 85 |
| **10** F | 0049 | 6.2 | 189 |
| | 0710 | 2.1 | 64 |
| | 1328 | 6.4 | 195 |
| | 1937 | 2.1 | 64 |
| **11** Sa | 0147 | 6.7 | 204 |
| | 0801 | 1.6 | 49 |
| | 1414 | 7.0 | 213 |
| | 2023 | 1.5 | 46 |
| **12** Su | 0233 | 7.3 | 223 |
| | 0843 | 1.1 | 34 |
| | 1453 | 7.6 | 232 |
| | 2103 | 0.8 | 24 |
| **13** M | 0313 | 7.8 | 238 |
| | 0921 | 0.7 | 21 |
| | 1530 | 8.1 | 247 |
| | 2142 | 0.3 | 9 |
| **14** Tu ○ | 0352 | 8.2 | 250 |
| | 0958 | 0.4 | 12 |
| | 1606 | 8.5 | 259 |
| | 2219 | −0.1 | −3 |
| **15** W | 0430 | 8.4 | 256 |
| | 1034 | 0.3 | 9 |
| | 1642 | 8.7 | 265 |
| | 2257 | −0.3 | −9 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0509 | 8.3 | 253 |
| | 1111 | 0.4 | 12 |
| | 1720 | 8.7 | 265 |
| | 2337 | −0.2 | −6 |
| **17** F | 0549 | 8.1 | 247 |
| | 1150 | 0.7 | 21 |
| | 1759 | 8.4 | 256 |
| **18** Sa | 0019 | 0.1 | 3 |
| | 0632 | 7.7 | 235 |
| | 1232 | 1.1 | 34 |
| | 1842 | 8.0 | 244 |
| **19** Su | 0105 | 0.7 | 21 |
| | 0720 | 7.1 | 216 |
| | 1320 | 1.7 | 52 |
| | 1932 | 7.4 | 226 |
| **20** M | 0159 | 1.3 | 40 |
| | 0817 | 6.5 | 198 |
| | 1418 | 2.3 | 70 |
| | 2033 | 6.7 | 204 |
| **21** Tu ◑ | 0307 | 1.9 | 58 |
| | 0932 | 6.0 | 183 |
| | 1536 | 2.7 | 82 |
| | 2155 | 6.2 | 189 |
| **22** W | 0433 | 2.2 | 67 |
| | 1103 | 5.9 | 180 |
| | 1714 | 2.8 | 85 |
| | 2331 | 6.2 | 189 |
| **23** Th | 0601 | 2.2 | 67 |
| | 1226 | 6.2 | 189 |
| | 1837 | 2.4 | 73 |
| **24** F | 0050 | 6.4 | 195 |
| | 0709 | 1.9 | 58 |
| | 1326 | 6.7 | 204 |
| | 1938 | 1.9 | 58 |
| **25** Sa | 0148 | 6.8 | 207 |
| | 0800 | 1.6 | 49 |
| | 1412 | 7.1 | 216 |
| | 2024 | 1.3 | 40 |
| **26** Su | 0233 | 7.2 | 219 |
| | 0841 | 1.3 | 40 |
| | 1450 | 7.5 | 229 |
| | 2102 | 0.9 | 27 |
| **27** M | 0312 | 7.5 | 229 |
| | 0916 | 1.1 | 34 |
| | 1523 | 7.8 | 238 |
| | 2136 | 0.6 | 18 |
| **28** Tu ● | 0346 | 7.6 | 232 |
| | 0948 | 1.0 | 30 |
| | 1555 | 8.0 | 244 |
| | 2209 | 0.5 | 15 |
| **29** W | 0417 | 7.7 | 235 |
| | 1018 | 0.9 | 27 |
| | 1625 | 8.1 | 247 |
| | 2240 | 0.5 | 15 |
| **30** Th | 0448 | 7.6 | 232 |
| | 1048 | 1.0 | 30 |
| | 1655 | 8.0 | 244 |
| | 2311 | 0.5 | 15 |
| **31** F | 0520 | 7.5 | 229 |
| | 1119 | 1.2 | 37 |
| | 1727 | 7.8 | 238 |
| | 2344 | 0.7 | 21 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0553 | 7.2 | 219 |
| | 1152 | 1.4 | 43 |
| | 1800 | 7.6 | 232 |
| **2** Su | 0018 | 1.0 | 30 |
| | 0628 | 6.9 | 210 |
| | 1227 | 1.7 | 52 |
| | 1836 | 7.2 | 219 |
| **3** M | 0057 | 1.4 | 43 |
| | 0709 | 6.6 | 201 |
| | 1308 | 2.1 | 64 |
| | 1919 | 6.8 | 207 |
| **4** Tu | 0143 | 1.8 | 55 |
| | 0759 | 6.2 | 189 |
| | 1359 | 2.5 | 76 |
| | 2013 | 6.4 | 195 |
| **5** W | 0242 | 2.2 | 67 |
| | 0902 | 5.9 | 180 |
| | 1507 | 2.8 | 85 |
| | 2123 | 6.1 | 186 |
| **6** Th ◐ | 0355 | 2.4 | 73 |
| | 1020 | 5.8 | 177 |
| | 1630 | 2.8 | 85 |
| | 2246 | 6.0 | 183 |
| **7** F | 0514 | 2.3 | 70 |
| | 1137 | 6.1 | 186 |
| | 1749 | 2.5 | 76 |
| **8** Sa | 0002 | 6.3 | 192 |
| | 0621 | 2.0 | 61 |
| | 1239 | 6.6 | 201 |
| | 1852 | 1.9 | 58 |
| **9** Su | 0104 | 6.8 | 207 |
| | 0716 | 1.6 | 49 |
| | 1330 | 7.1 | 216 |
| | 1944 | 1.3 | 40 |
| **10** M | 0155 | 7.2 | 219 |
| | 0803 | 1.2 | 37 |
| | 1414 | 7.7 | 235 |
| | 2030 | 0.7 | 21 |
| **11** Tu | 0241 | 7.7 | 235 |
| | 0846 | 0.9 | 27 |
| | 1456 | 8.1 | 247 |
| | 2113 | 0.3 | 9 |
| **12** W | 0324 | 8.0 | 244 |
| | 0928 | 0.6 | 18 |
| | 1537 | 8.5 | 259 |
| | 2155 | 0.0 | 0 |
| **13** Th ○ | 0407 | 8.1 | 247 |
| | 1009 | 0.6 | 18 |
| | 1618 | 8.6 | 262 |
| | 2238 | −0.1 | −3 |
| **14** F | 0450 | 8.0 | 244 |
| | 1051 | 0.6 | 18 |
| | 1701 | 8.5 | 259 |
| | 2322 | 0.0 | 0 |
| **15** Sa | 0534 | 7.8 | 238 |
| | 1135 | 0.9 | 27 |
| | 1745 | 8.3 | 253 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0008 | 0.3 | 9 |
| | 0621 | 7.5 | 229 |
| | 1221 | 1.3 | 40 |
| | 1833 | 7.9 | 241 |
| **17** M | 0058 | 0.8 | 24 |
| | 0713 | 7.0 | 213 |
| | 1313 | 1.7 | 52 |
| | 1926 | 7.3 | 223 |
| **18** Tu | 0153 | 1.3 | 40 |
| | 0811 | 6.6 | 201 |
| | 1414 | 2.1 | 64 |
| | 2028 | 6.8 | 207 |
| **19** W ◑ | 0258 | 1.8 | 55 |
| | 0919 | 6.3 | 192 |
| | 1526 | 2.4 | 73 |
| | 2142 | 6.4 | 195 |
| **20** Th | 0410 | 2.1 | 64 |
| | 1033 | 6.2 | 189 |
| | 1646 | 2.5 | 76 |
| | 2301 | 6.3 | 192 |
| **21** F | 0523 | 2.1 | 64 |
| | 1144 | 6.4 | 195 |
| | 1758 | 2.2 | 67 |
| **22** Sa | 0012 | 6.4 | 195 |
| | 0626 | 2.0 | 61 |
| | 1243 | 6.6 | 201 |
| | 1858 | 1.9 | 58 |
| **23** Su | 0110 | 6.6 | 201 |
| | 0719 | 1.9 | 58 |
| | 1331 | 6.9 | 210 |
| | 1947 | 1.6 | 49 |
| **24** M | 0158 | 6.8 | 207 |
| | 0802 | 1.7 | 52 |
| | 1413 | 7.2 | 219 |
| | 2029 | 1.3 | 40 |
| **25** Tu | 0239 | 7.0 | 213 |
| | 0841 | 1.5 | 46 |
| | 1450 | 7.4 | 226 |
| | 2107 | 1.0 | 30 |
| **26** W | 0316 | 7.1 | 216 |
| | 0917 | 1.4 | 43 |
| | 1525 | 7.6 | 232 |
| | 2142 | 0.9 | 27 |
| **27** Th ● | 0351 | 7.2 | 219 |
| | 0951 | 1.4 | 43 |
| | 1559 | 7.7 | 235 |
| | 2216 | 0.8 | 24 |
| **28** F | 0425 | 7.2 | 219 |
| | 1024 | 1.4 | 43 |
| | 1633 | 7.7 | 235 |
| | 2251 | 0.9 | 27 |
| **29** Sa | 0500 | 7.2 | 219 |
| | 1059 | 1.4 | 43 |
| | 1708 | 7.6 | 232 |
| | 2326 | 1.0 | 30 |
| **30** Su | 0536 | 7.0 | 213 |
| | 1135 | 1.6 | 49 |
| | 1744 | 7.5 | 229 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0004 | 1.1 | 34 |
| | 0614 | 6.9 | 210 |
| | 1214 | 1.7 | 52 |
| | 1824 | 7.3 | 223 |
| **2** Tu | 0044 | 1.3 | 40 |
| | 0656 | 6.7 | 204 |
| | 1256 | 1.9 | 58 |
| | 1907 | 7.0 | 213 |
| **3** W | 0129 | 1.6 | 49 |
| | 0743 | 6.5 | 198 |
| | 1346 | 2.1 | 64 |
| | 1958 | 6.8 | 207 |
| **4** Th | 0221 | 1.8 | 55 |
| | 0836 | 6.4 | 195 |
| | 1443 | 2.2 | 67 |
| | 2056 | 6.6 | 201 |
| **5** F ◐ | 0319 | 2.0 | 61 |
| | 0937 | 6.4 | 195 |
| | 1547 | 2.3 | 70 |
| | 2202 | 6.5 | 198 |
| **6** Sa | 0422 | 2.0 | 61 |
| | 1041 | 6.5 | 198 |
| | 1656 | 2.1 | 64 |
| | 2310 | 6.5 | 198 |
| **7** Su | 0526 | 1.9 | 58 |
| | 1143 | 6.7 | 204 |
| | 1801 | 1.8 | 55 |
| **8** M | 0016 | 6.7 | 204 |
| | 0626 | 1.7 | 52 |
| | 1242 | 7.1 | 216 |
| | 1902 | 1.4 | 43 |
| **9** Tu | 0115 | 7.0 | 213 |
| | 0722 | 1.5 | 46 |
| | 1336 | 7.5 | 229 |
| | 1957 | 0.9 | 27 |
| **10** W | 0210 | 7.3 | 223 |
| | 0814 | 1.3 | 40 |
| | 1427 | 7.9 | 241 |
| | 2048 | 0.6 | 18 |
| **11** Th | 0302 | 7.5 | 229 |
| | 0904 | 1.1 | 34 |
| | 1516 | 8.2 | 250 |
| | 2138 | 0.3 | 9 |
| **12** F ○ | 0351 | 7.7 | 235 |
| | 0952 | 0.9 | 27 |
| | 1604 | 8.3 | 253 |
| | 2226 | 0.2 | 6 |
| **13** Sa | 0439 | 7.7 | 235 |
| | 1040 | 0.9 | 27 |
| | 1652 | 8.3 | 253 |
| | 2314 | 0.2 | 6 |
| **14** Su | 0527 | 7.6 | 232 |
| | 1128 | 1.0 | 30 |
| | 1740 | 8.2 | 250 |
| **15** M | 0002 | 0.4 | 12 |
| | 0616 | 7.5 | 229 |
| | 1217 | 1.2 | 37 |
| | 1829 | 7.9 | 241 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0051 | 0.7 | 21 |
| | 0705 | 7.3 | 223 |
| | 1308 | 1.4 | 43 |
| | 1920 | 7.6 | 232 |
| **17** W | 0142 | 1.1 | 34 |
| | 0756 | 7.0 | 213 |
| | 1402 | 1.7 | 52 |
| | 2015 | 7.2 | 219 |
| **18** Th | 0235 | 1.5 | 46 |
| | 0850 | 6.8 | 207 |
| | 1459 | 1.9 | 58 |
| | 2112 | 6.8 | 207 |
| **19** F ◑ | 0331 | 1.8 | 55 |
| | 0947 | 6.6 | 201 |
| | 1600 | 2.1 | 64 |
| | 2214 | 6.5 | 198 |
| **20** Sa | 0429 | 2.1 | 64 |
| | 1046 | 6.5 | 198 |
| | 1703 | 2.1 | 64 |
| | 2317 | 6.3 | 192 |
| **21** Su | 0529 | 2.2 | 67 |
| | 1145 | 6.5 | 198 |
| | 1805 | 2.1 | 64 |
| **22** M | 0019 | 6.3 | 192 |
| | 0626 | 2.3 | 70 |
| | 1241 | 6.6 | 201 |
| | 1902 | 2.0 | 61 |
| **23** Tu | 0115 | 6.3 | 192 |
| | 0719 | 2.2 | 67 |
| | 1332 | 6.7 | 204 |
| | 1954 | 1.8 | 55 |
| **24** W | 0206 | 6.4 | 195 |
| | 0807 | 2.1 | 64 |
| | 1419 | 6.9 | 210 |
| | 2040 | 1.6 | 49 |
| **25** Th | 0251 | 6.6 | 201 |
| | 0852 | 2.0 | 61 |
| | 1502 | 7.1 | 216 |
| | 2122 | 1.4 | 43 |
| **26** F | 0333 | 6.7 | 204 |
| | 0933 | 1.8 | 55 |
| | 1542 | 7.3 | 223 |
| | 2202 | 1.3 | 40 |
| **27** Sa ● | 0412 | 6.9 | 210 |
| | 1012 | 1.7 | 52 |
| | 1621 | 7.4 | 226 |
| | 2240 | 1.1 | 34 |
| **28** Su | 0450 | 7.0 | 213 |
| | 1050 | 1.6 | 49 |
| | 1659 | 7.5 | 229 |
| | 2317 | 1.1 | 34 |
| **29** M | 0527 | 7.1 | 216 |
| | 1127 | 1.5 | 46 |
| | 1737 | 7.5 | 229 |
| | 2354 | 1.0 | 30 |
| **30** Tu | 0604 | 7.1 | 216 |
| | 1205 | 1.4 | 43 |
| | 1815 | 7.5 | 229 |
| **31** W | 0032 | 1.1 | 34 |
| | 0642 | 7.1 | 216 |
| | 1245 | 1.4 | 43 |
| | 1856 | 7.5 | 229 |

Time meridian 52° 30' W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
Seasonal variations in sea level have not been included in these predictions.

# Recife, Brazil, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0432 | 2.6 | 80 |
| | 1134 | 5.2 | 160 |
| | 1754 | 2.6 | 80 |
| | 2353 | 5.2 | 160 |
| **2** W | 0549 | 2.6 | 80 |
| | 1241 | 5.2 | 160 |
| | 1858 | 2.3 | 70 |
| **3** Th | 0102 | 5.2 | 160 |
| | 0709 | 2.6 | 80 |
| | 1332 | 5.6 | 170 |
| | 1953 | 2.3 | 70 |
| **4** F | 0208 | 5.6 | 170 |
| | 0806 | 2.6 | 80 |
| | 1411 | 5.9 | 180 |
| | 2030 | 2.0 | 60 |
| **5** Sa | 0249 | 5.6 | 170 |
| | 0849 | 2.3 | 70 |
| | 1456 | 6.2 | 190 |
| | 2108 | 1.6 | 50 |
| **6** Su | 0323 | 5.9 | 180 |
| | 0924 | 2.0 | 60 |
| | 1534 | 6.2 | 190 |
| | 2149 | 1.6 | 50 |
| **7** M | 0356 | 6.2 | 190 |
| | 0949 | 2.0 | 60 |
| | 1600 | 6.6 | 200 |
| | 2219 | 1.6 | 50 |
| **8** Tu ● | 0426 | 6.2 | 190 |
| | 1021 | 2.0 | 60 |
| | 1626 | 6.9 | 210 |
| | 2247 | 1.3 | 40 |
| **9** W | 0500 | 6.2 | 190 |
| | 1056 | 1.6 | 50 |
| | 1700 | 6.9 | 210 |
| | 2311 | 1.3 | 40 |
| **10** Th | 0523 | 6.2 | 190 |
| | 1126 | 1.6 | 50 |
| | 1736 | 6.9 | 210 |
| | 2345 | 1.3 | 40 |
| **11** F | 0551 | 6.6 | 200 |
| | 1156 | 1.6 | 50 |
| | 1806 | 6.9 | 210 |
| **12** Sa | 0019 | 1.6 | 50 |
| | 0626 | 6.6 | 200 |
| | 1230 | 1.6 | 50 |
| | 1839 | 6.6 | 200 |
| **13** Su | 0054 | 1.6 | 50 |
| | 0708 | 6.6 | 200 |
| | 1315 | 2.0 | 60 |
| | 1919 | 6.6 | 200 |
| **14** M | 0128 | 2.0 | 60 |
| | 0756 | 6.2 | 190 |
| | 1409 | 2.0 | 60 |
| | 2009 | 6.2 | 190 |
| **15** Tu ◐ | 0217 | 2.3 | 70 |
| | 0856 | 6.2 | 190 |
| | 1511 | 2.3 | 70 |
| | 2109 | 5.9 | 180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0323 | 2.6 | 80 |
| | 1015 | 5.9 | 180 |
| | 1626 | 2.3 | 70 |
| | 2228 | 5.6 | 170 |
| **17** Th | 0508 | 2.6 | 80 |
| | 1136 | 6.2 | 190 |
| | 1747 | 2.0 | 60 |
| **18** F | 0009 | 5.9 | 180 |
| | 0634 | 2.3 | 70 |
| | 1245 | 6.6 | 200 |
| | 1908 | 1.6 | 50 |
| **19** Sa | 0134 | 6.2 | 190 |
| | 0739 | 2.0 | 60 |
| | 1347 | 6.9 | 210 |
| | 2017 | 1.3 | 40 |
| **20** Su | 0234 | 6.6 | 200 |
| | 0834 | 1.6 | 50 |
| | 1441 | 7.2 | 220 |
| | 2109 | 0.7 | 20 |
| **21** M | 0321 | 7.2 | 220 |
| | 0921 | 1.0 | 30 |
| | 1532 | 7.5 | 230 |
| | 2153 | 0.3 | 10 |
| **22** Tu ○ | 0404 | 7.2 | 220 |
| | 1006 | 0.7 | 20 |
| | 1617 | 7.9 | 240 |
| | 2238 | 0.3 | 10 |
| **23** W | 0445 | 7.5 | 230 |
| | 1049 | 0.7 | 20 |
| | 1700 | 7.9 | 240 |
| | 2319 | 0.3 | 10 |
| **24** Th | 0524 | 7.2 | 220 |
| | 1124 | 0.7 | 20 |
| | 1739 | 7.5 | 230 |
| | 2358 | 0.3 | 10 |
| **25** F | 0604 | 7.2 | 220 |
| | 1204 | 1.0 | 30 |
| | 1813 | 7.2 | 220 |
| **26** Sa | 0034 | 1.0 | 30 |
| | 0643 | 6.9 | 210 |
| | 1249 | 1.3 | 40 |
| | 1854 | 6.6 | 200 |
| **27** Su | 0104 | 1.3 | 40 |
| | 0715 | 6.2 | 190 |
| | 1330 | 1.6 | 50 |
| | 1941 | 6.2 | 190 |
| **28** M | 0143 | 2.0 | 60 |
| | 0745 | 5.9 | 180 |
| | 1415 | 2.3 | 70 |
| | 2034 | 5.6 | 170 |
| **29** Tu | 0226 | 2.3 | 70 |
| | 0819 | 5.2 | 160 |
| | 1513 | 2.6 | 80 |
| | 2141 | 4.9 | 150 |
| **30** W ◑ | 0323 | 3.0 | 90 |
| | 0913 | 4.9 | 150 |
| | 1654 | 3.0 | 90 |
| | 2300 | 4.6 | 140 |
| **31** Th | 0439 | 3.3 | 100 |
| | 1045 | 4.9 | 150 |
| | 1823 | 3.0 | 90 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0036 | 4.9 | 150 |
| | 0628 | 3.3 | 100 |
| | 1258 | 4.9 | 150 |
| | 1930 | 2.6 | 80 |
| **2** Sa | 0209 | 5.2 | 160 |
| | 0754 | 3.0 | 90 |
| | 1356 | 5.6 | 170 |
| | 2013 | 2.3 | 70 |
| **3** Su | 0249 | 5.6 | 170 |
| | 0843 | 2.6 | 80 |
| | 1443 | 5.9 | 180 |
| | 2054 | 2.0 | 60 |
| **4** M | 0315 | 5.9 | 180 |
| | 0917 | 2.3 | 70 |
| | 1515 | 6.6 | 200 |
| | 2126 | 1.6 | 50 |
| **5** Tu | 0336 | 6.2 | 190 |
| | 0938 | 2.0 | 60 |
| | 1547 | 6.9 | 210 |
| | 2200 | 1.3 | 40 |
| **6** W | 0406 | 6.6 | 200 |
| | 1006 | 1.6 | 50 |
| | 1613 | 7.2 | 220 |
| | 2224 | 1.3 | 40 |
| **7** Th ● | 0434 | 6.9 | 210 |
| | 1038 | 1.3 | 40 |
| | 1645 | 7.2 | 220 |
| | 2254 | 1.0 | 30 |
| **8** F | 0458 | 6.9 | 210 |
| | 1104 | 1.3 | 40 |
| | 1715 | 7.5 | 230 |
| | 2324 | 1.0 | 30 |
| **9** Sa | 0526 | 7.2 | 220 |
| | 1132 | 1.0 | 30 |
| | 1745 | 7.2 | 220 |
| | 2358 | 1.0 | 30 |
| **10** Su | 0604 | 7.2 | 220 |
| | 1208 | 1.0 | 30 |
| | 1815 | 7.2 | 220 |
| **11** M | 0028 | 1.3 | 40 |
| | 0645 | 7.2 | 220 |
| | 1254 | 1.3 | 40 |
| | 1856 | 6.9 | 210 |
| **12** Tu | 0102 | 1.6 | 50 |
| | 0728 | 6.9 | 210 |
| | 1347 | 1.6 | 50 |
| | 1947 | 6.6 | 200 |
| **13** W | 0147 | 2.0 | 60 |
| | 0824 | 6.2 | 190 |
| | 1449 | 2.0 | 60 |
| | 2047 | 5.9 | 180 |
| **14** Th ◐ | 0249 | 2.6 | 80 |
| | 0945 | 5.9 | 180 |
| | 1602 | 2.3 | 70 |
| | 2206 | 5.6 | 170 |
| **15** F | 0439 | 3.0 | 90 |
| | 1113 | 5.9 | 180 |
| | 1736 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0008 | 5.6 | 170 |
| | 0621 | 2.6 | 80 |
| | 1238 | 6.2 | 190 |
| | 1917 | 2.0 | 60 |
| **17** Su | 0132 | 6.2 | 190 |
| | 0732 | 2.0 | 60 |
| | 1345 | 6.6 | 200 |
| | 2023 | 1.3 | 40 |
| **18** M | 0228 | 6.6 | 200 |
| | 0824 | 1.6 | 50 |
| | 1439 | 7.2 | 220 |
| | 2109 | 0.7 | 20 |
| **19** Tu | 0313 | 7.2 | 220 |
| | 0913 | 1.0 | 30 |
| | 1524 | 7.5 | 230 |
| | 2149 | 0.3 | 10 |
| **20** W | 0356 | 7.2 | 220 |
| | 0958 | 0.7 | 20 |
| | 1608 | 7.5 | 230 |
| | 2224 | 0.3 | 10 |
| **21** Th ○ | 0432 | 7.5 | 230 |
| | 1034 | 0.7 | 20 |
| | 1645 | 7.5 | 230 |
| | 2300 | 0.3 | 10 |
| **22** F | 0504 | 7.5 | 230 |
| | 1106 | 0.7 | 20 |
| | 1715 | 7.5 | 230 |
| | 2332 | 0.7 | 20 |
| **23** Sa | 0541 | 7.2 | 220 |
| | 1143 | 0.7 | 20 |
| | 1747 | 7.2 | 220 |
| | 2356 | 1.0 | 30 |
| **24** Su | 0606 | 6.9 | 210 |
| | 1215 | 1.0 | 30 |
| | 1821 | 6.6 | 200 |
| **25** M | 0021 | 1.3 | 40 |
| | 0624 | 6.2 | 190 |
| | 1245 | 1.6 | 50 |
| | 1900 | 6.2 | 190 |
| **26** Tu | 0056 | 2.0 | 60 |
| | 0653 | 5.9 | 180 |
| | 1306 | 2.0 | 60 |
| | 1939 | 5.6 | 170 |
| **27** W | 0138 | 2.3 | 70 |
| | 0726 | 5.6 | 170 |
| | 1332 | 2.6 | 80 |
| | 2026 | 4.9 | 150 |
| **28** Th ◑ | 0223 | 3.0 | 90 |
| | 0809 | 5.2 | 160 |
| | 1417 | 3.0 | 90 |
| | 2158 | 4.3 | 130 |
| **29** F | 0336 | 3.3 | 100 |
| | 0917 | 4.9 | 150 |
| | 1738 | 3.3 | 100 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0023 | 4.6 | 140 |
| | 0534 | 3.6 | 110 |
| | 1217 | 4.9 | 150 |
| | 1902 | 3.0 | 90 |
| **2** Su | 0204 | 4.9 | 150 |
| | 0739 | 3.3 | 100 |
| | 1330 | 5.2 | 160 |
| | 1947 | 2.6 | 80 |
| **3** M | 0234 | 5.2 | 160 |
| | 0824 | 2.6 | 80 |
| | 1413 | 5.9 | 180 |
| | 2021 | 2.0 | 60 |
| **4** Tu | 0236 | 5.9 | 180 |
| | 0847 | 2.3 | 70 |
| | 1453 | 6.6 | 200 |
| | 2100 | 1.6 | 50 |
| **5** W | 0304 | 6.2 | 190 |
| | 0911 | 1.6 | 50 |
| | 1521 | 6.9 | 210 |
| | 2128 | 1.3 | 40 |
| **6** Th | 0334 | 6.9 | 210 |
| | 0939 | 1.3 | 40 |
| | 1549 | 7.2 | 220 |
| | 2156 | 1.0 | 30 |
| **7** F ● | 0400 | 7.2 | 220 |
| | 1008 | 1.0 | 30 |
| | 1621 | 7.5 | 230 |
| | 2226 | 0.7 | 20 |
| **8** Sa | 0428 | 7.5 | 230 |
| | 1036 | 0.7 | 20 |
| | 1651 | 7.9 | 240 |
| | 2300 | 0.7 | 20 |
| **9** Su | 0502 | 7.9 | 240 |
| | 1108 | 0.7 | 20 |
| | 1719 | 7.5 | 230 |
| | 2334 | 0.7 | 20 |
| **10** M | 0543 | 7.9 | 240 |
| | 1149 | 0.7 | 20 |
| | 1754 | 7.5 | 230 |
| **11** Tu | 0004 | 1.0 | 30 |
| | 0623 | 7.5 | 230 |
| | 1234 | 1.0 | 30 |
| | 1836 | 7.2 | 220 |
| **12** W | 0039 | 1.6 | 50 |
| | 0708 | 6.9 | 210 |
| | 1326 | 1.3 | 40 |
| | 1924 | 6.6 | 200 |
| **13** Th | 0124 | 2.0 | 60 |
| | 0804 | 6.6 | 200 |
| | 1432 | 2.0 | 60 |
| | 2030 | 5.9 | 180 |
| **14** F ◐ | 0234 | 2.6 | 80 |
| | 0930 | 5.9 | 180 |
| | 1554 | 2.3 | 70 |
| | 2206 | 5.6 | 170 |
| **15** Sa | 0439 | 3.0 | 90 |
| | 1104 | 5.9 | 180 |
| | 1739 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0004 | 5.6 | 170 |
| | 0611 | 2.6 | 80 |
| | 1232 | 6.2 | 190 |
| | 1913 | 1.6 | 50 |
| **17** M | 0119 | 6.2 | 190 |
| | 0719 | 2.0 | 60 |
| | 1339 | 6.6 | 200 |
| | 2011 | 1.3 | 40 |
| **18** Tu | 0213 | 6.6 | 200 |
| | 0811 | 1.3 | 40 |
| | 1428 | 6.9 | 210 |
| | 2056 | 0.7 | 20 |
| **19** W | 0300 | 7.2 | 220 |
| | 0900 | 1.0 | 30 |
| | 1511 | 7.2 | 220 |
| | 2134 | 0.7 | 20 |
| **20** Th | 0339 | 7.2 | 220 |
| | 0939 | 0.7 | 20 |
| | 1551 | 7.5 | 230 |
| | 2204 | 0.3 | 10 |
| **21** F ○ | 0409 | 7.2 | 220 |
| | 1011 | 0.7 | 20 |
| | 1621 | 7.2 | 220 |
| | 2238 | 0.7 | 20 |
| **22** Sa | 0443 | 7.2 | 220 |
| | 1045 | 0.7 | 20 |
| | 1651 | 7.2 | 220 |
| | 2300 | 1.0 | 30 |
| **23** Su | 0509 | 6.9 | 210 |
| | 1115 | 1.0 | 30 |
| | 1717 | 6.9 | 210 |
| | 2319 | 1.3 | 40 |
| **24** M | 0530 | 6.6 | 200 |
| | 1149 | 1.3 | 40 |
| | 1754 | 6.6 | 200 |
| | 2349 | 1.6 | 50 |
| **25** Tu | 0545 | 6.2 | 190 |
| | 1208 | 1.6 | 50 |
| | 1828 | 5.9 | 180 |
| **26** W | 0019 | 2.0 | 60 |
| | 0611 | 6.2 | 190 |
| | 1221 | 2.0 | 60 |
| | 1851 | 5.2 | 160 |
| **27** Th | 0054 | 2.6 | 80 |
| | 0653 | 5.6 | 170 |
| | 1256 | 2.6 | 80 |
| | 1917 | 4.9 | 150 |
| **28** F | 0134 | 3.0 | 90 |
| | 0736 | 5.2 | 160 |
| | 1339 | 3.0 | 90 |
| | 2032 | 4.3 | 130 |
| **29** Sa ◑ | 0245 | 3.6 | 110 |
| | 0836 | 4.9 | 150 |
| | 1534 | 3.3 | 100 |
| | 2302 | 4.3 | 130 |
| **30** Su | 0424 | 3.6 | 110 |
| | 1130 | 4.9 | 150 |
| | 1802 | 3.3 | 100 |
| **31** M | 0126 | 4.6 | 140 |
| | 0654 | 3.3 | 100 |
| | 1254 | 5.2 | 160 |
| | 1900 | 2.6 | 80 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Recife, Brazil, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Tu | 0119 | 5.2 | 160 |
| | 0739 | 2.6 | 80 |
| | 1345 | 5.9 | 180 |
| | 1947 | 2.3 | 70 |
| 2 W | 0149 | 5.9 | 180 |
| | 0804 | 2.3 | 70 |
| | 1417 | 6.6 | 200 |
| | 2019 | 1.6 | 50 |
| 3 Th | 0221 | 6.6 | 200 |
| | 0830 | 1.6 | 50 |
| | 1447 | 6.9 | 210 |
| | 2053 | 1.3 | 40 |
| 4 F | 0256 | 7.2 | 220 |
| | 0904 | 1.0 | 30 |
| | 1517 | 7.5 | 230 |
| | 2123 | 1.0 | 30 |
| 5 Sa | 0324 | 7.5 | 230 |
| | 0936 | 0.7 | 20 |
| | 1553 | 7.5 | 230 |
| | 2158 | 0.7 | 20 |
| 6 Su ● | 0400 | 7.9 | 240 |
| | 1008 | 0.3 | 10 |
| | 1624 | 7.9 | 240 |
| | 2236 | 0.7 | 20 |
| 7 M | 0441 | 7.9 | 240 |
| | 1047 | 0.3 | 10 |
| | 1656 | 7.9 | 240 |
| | 2309 | 0.7 | 20 |
| 8 Tu | 0521 | 7.9 | 240 |
| | 1130 | 0.3 | 10 |
| | 1736 | 7.5 | 230 |
| | 2345 | 1.0 | 30 |
| 9 W | 0606 | 7.5 | 230 |
| | 1219 | 0.7 | 20 |
| | 1821 | 7.2 | 220 |
| 10 Th | 0026 | 1.6 | 50 |
| | 0654 | 6.9 | 210 |
| | 1315 | 1.3 | 40 |
| | 1917 | 6.6 | 200 |
| 11 F | 0119 | 2.0 | 60 |
| | 0756 | 6.6 | 200 |
| | 1423 | 1.6 | 50 |
| | 2028 | 5.9 | 180 |
| 12 Sa ◐ | 0239 | 2.6 | 80 |
| | 0919 | 5.9 | 180 |
| | 1549 | 2.0 | 60 |
| | 2209 | 5.6 | 170 |
| 13 Su | 0428 | 2.6 | 80 |
| | 1053 | 5.9 | 180 |
| | 1732 | 2.0 | 60 |
| | 2351 | 5.9 | 180 |
| 14 M | 0556 | 2.3 | 70 |
| | 1215 | 6.2 | 190 |
| | 1853 | 1.6 | 50 |
| 15 Tu | 0058 | 6.2 | 190 |
| | 0700 | 1.6 | 50 |
| | 1319 | 6.6 | 200 |
| | 1951 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 W | 0154 | 6.6 | 200 |
| | 0754 | 1.3 | 40 |
| | 1408 | 6.9 | 210 |
| | 2034 | 1.0 | 30 |
| 17 Th | 0239 | 6.9 | 210 |
| | 0839 | 1.0 | 30 |
| | 1449 | 6.9 | 210 |
| | 2108 | 1.0 | 30 |
| 18 F | 0311 | 6.9 | 210 |
| | 0915 | 0.7 | 20 |
| | 1526 | 6.9 | 210 |
| | 2141 | 1.0 | 30 |
| 19 Sa | 0347 | 6.9 | 210 |
| | 0951 | 0.7 | 20 |
| | 1558 | 6.9 | 210 |
| | 2209 | 1.0 | 30 |
| 20 Su ○ | 0415 | 6.9 | 210 |
| | 1021 | 1.0 | 30 |
| | 1624 | 6.9 | 210 |
| | 2230 | 1.3 | 40 |
| 21 M | 0443 | 6.6 | 200 |
| | 1056 | 1.0 | 30 |
| | 1658 | 6.6 | 200 |
| | 2251 | 1.6 | 50 |
| 22 Tu | 0456 | 6.6 | 200 |
| | 1124 | 1.3 | 40 |
| | 1734 | 6.2 | 190 |
| | 2319 | 2.0 | 60 |
| 23 W | 0515 | 6.2 | 190 |
| | 1139 | 2.0 | 60 |
| | 1804 | 5.6 | 170 |
| | 2358 | 2.3 | 70 |
| 24 Th | 0553 | 6.2 | 190 |
| | 1202 | 2.3 | 70 |
| | 1830 | 5.2 | 160 |
| 25 F | 0034 | 2.6 | 80 |
| | 0630 | 5.9 | 180 |
| | 1238 | 2.6 | 80 |
| | 1858 | 4.9 | 150 |
| 26 Sa | 0111 | 3.0 | 90 |
| | 0713 | 5.6 | 170 |
| | 1323 | 3.0 | 90 |
| | 2004 | 4.6 | 140 |
| 27 Su | 0211 | 3.3 | 100 |
| | 0813 | 5.2 | 160 |
| | 1439 | 3.3 | 100 |
| | 2153 | 4.6 | 140 |
| 28 M ◑ | 0339 | 3.3 | 100 |
| | 0939 | 4.9 | 150 |
| | 1658 | 3.0 | 90 |
| | 2304 | 4.9 | 150 |
| 29 Tu | 0504 | 3.3 | 100 |
| | 1151 | 5.2 | 160 |
| | 1804 | 2.6 | 80 |
| 30 W | 0004 | 5.2 | 160 |
| | 0611 | 2.6 | 80 |
| | 1249 | 5.9 | 180 |
| | 1858 | 2.3 | 70 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Th | 0058 | 5.9 | 180 |
| | 0704 | 2.3 | 70 |
| | 1330 | 6.2 | 190 |
| | 1939 | 2.0 | 60 |
| 2 F | 0139 | 6.6 | 200 |
| | 0747 | 1.6 | 50 |
| | 1406 | 6.9 | 210 |
| | 2011 | 1.3 | 40 |
| 3 Sa | 0213 | 7.2 | 220 |
| | 0826 | 1.0 | 30 |
| | 1447 | 7.2 | 220 |
| | 2053 | 1.0 | 30 |
| 4 Su | 0256 | 7.5 | 230 |
| | 0906 | 0.7 | 20 |
| | 1526 | 7.5 | 230 |
| | 2134 | 1.0 | 30 |
| 5 M ● | 0338 | 7.9 | 240 |
| | 0945 | 0.3 | 10 |
| | 1602 | 7.5 | 230 |
| | 2211 | 0.7 | 20 |
| 6 Tu | 0419 | 8.2 | 250 |
| | 1030 | 0.3 | 10 |
| | 1641 | 7.5 | 230 |
| | 2254 | 1.0 | 30 |
| 7 W | 0506 | 7.9 | 240 |
| | 1119 | 0.3 | 10 |
| | 1724 | 7.5 | 230 |
| | 2334 | 1.0 | 30 |
| 8 Th | 0556 | 7.5 | 230 |
| | 1211 | 0.7 | 20 |
| | 1817 | 7.2 | 220 |
| 9 F | 0021 | 1.3 | 40 |
| | 0651 | 7.2 | 220 |
| | 1311 | 1.0 | 30 |
| | 1915 | 6.6 | 200 |
| 10 Sa | 0121 | 2.0 | 60 |
| | 0753 | 6.6 | 200 |
| | 1417 | 1.3 | 40 |
| | 2026 | 6.2 | 190 |
| 11 Su | 0238 | 2.3 | 70 |
| | 0904 | 6.2 | 190 |
| | 1532 | 1.6 | 50 |
| | 2154 | 5.9 | 180 |
| 12 M ◐ | 0402 | 2.3 | 70 |
| | 1019 | 5.9 | 180 |
| | 1658 | 2.0 | 60 |
| | 2319 | 5.9 | 180 |
| 13 Tu | 0519 | 2.0 | 60 |
| | 1132 | 6.2 | 190 |
| | 1819 | 1.6 | 50 |
| 14 W | 0028 | 6.2 | 190 |
| | 0624 | 1.6 | 50 |
| | 1238 | 6.2 | 190 |
| | 1917 | 1.6 | 50 |
| 15 Th | 0123 | 6.6 | 200 |
| | 0721 | 1.3 | 40 |
| | 1334 | 6.6 | 200 |
| | 2000 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 F | 0206 | 6.6 | 200 |
| | 0809 | 1.3 | 40 |
| | 1423 | 6.6 | 200 |
| | 2039 | 1.3 | 40 |
| 17 Sa | 0249 | 6.6 | 200 |
| | 0854 | 1.0 | 30 |
| | 1506 | 6.6 | 200 |
| | 2113 | 1.6 | 50 |
| 18 Su | 0319 | 6.6 | 200 |
| | 0926 | 1.3 | 40 |
| | 1538 | 6.6 | 200 |
| | 2145 | 1.6 | 50 |
| 19 M ○ | 0354 | 6.6 | 200 |
| | 1002 | 1.3 | 40 |
| | 1608 | 6.2 | 190 |
| | 2209 | 1.6 | 50 |
| 20 Tu | 0421 | 6.2 | 190 |
| | 1041 | 1.3 | 40 |
| | 1643 | 6.2 | 190 |
| | 2232 | 2.0 | 60 |
| 21 W | 0438 | 6.2 | 190 |
| | 1108 | 1.6 | 50 |
| | 1717 | 5.9 | 180 |
| | 2306 | 2.0 | 60 |
| 22 Th | 0504 | 6.2 | 190 |
| | 1130 | 2.0 | 60 |
| | 1754 | 5.6 | 170 |
| | 2347 | 2.3 | 70 |
| 23 F | 0543 | 6.2 | 190 |
| | 1156 | 2.0 | 60 |
| | 1821 | 5.2 | 160 |
| 24 Sa | 0023 | 2.6 | 80 |
| | 0623 | 5.9 | 180 |
| | 1234 | 2.3 | 70 |
| | 1853 | 5.2 | 160 |
| 25 Su | 0100 | 3.0 | 90 |
| | 0706 | 5.9 | 180 |
| | 1321 | 2.6 | 80 |
| | 1947 | 5.2 | 160 |
| 26 M | 0154 | 3.0 | 90 |
| | 0756 | 5.6 | 170 |
| | 1423 | 3.0 | 90 |
| | 2056 | 5.2 | 160 |
| 27 Tu ◑ | 0258 | 3.0 | 90 |
| | 0858 | 5.6 | 170 |
| | 1541 | 3.0 | 90 |
| | 2202 | 5.2 | 160 |
| 28 W | 0402 | 3.0 | 90 |
| | 1008 | 5.6 | 170 |
| | 1700 | 2.6 | 80 |
| | 2306 | 5.6 | 170 |
| 29 Th | 0506 | 2.6 | 80 |
| | 1124 | 5.6 | 170 |
| | 1800 | 2.6 | 80 |
| 30 F | 0004 | 6.2 | 190 |
| | 0608 | 2.3 | 70 |
| | 1232 | 6.2 | 190 |
| | 1853 | 2.0 | 60 |
| 31 Sa | 0056 | 6.6 | 200 |
| | 0706 | 1.6 | 50 |
| | 1328 | 6.6 | 200 |
| | 1939 | 1.6 | 50 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Su | 0143 | 7.2 | 220 |
| | 0756 | 1.3 | 40 |
| | 1419 | 6.9 | 210 |
| | 2024 | 1.3 | 40 |
| 2 M | 0228 | 7.5 | 230 |
| | 0843 | 0.7 | 20 |
| | 1504 | 7.2 | 220 |
| | 2109 | 1.0 | 30 |
| 3 Tu ● | 0317 | 7.9 | 240 |
| | 0930 | 0.3 | 10 |
| | 1549 | 7.2 | 220 |
| | 2158 | 1.0 | 30 |
| 4 W | 0406 | 7.9 | 240 |
| | 1021 | 0.3 | 10 |
| | 1634 | 7.5 | 230 |
| | 2245 | 1.0 | 30 |
| 5 Th | 0458 | 7.9 | 240 |
| | 1113 | 0.3 | 10 |
| | 1721 | 7.2 | 220 |
| | 2328 | 1.0 | 30 |
| 6 F | 0551 | 7.5 | 230 |
| | 1208 | 0.3 | 10 |
| | 1811 | 7.2 | 220 |
| 7 Sa | 0017 | 1.3 | 40 |
| | 0641 | 7.2 | 220 |
| | 1302 | 0.7 | 20 |
| | 1909 | 6.9 | 210 |
| 8 Su | 0113 | 1.6 | 50 |
| | 0736 | 6.9 | 210 |
| | 1400 | 1.3 | 40 |
| | 2011 | 6.6 | 200 |
| 9 M | 0217 | 1.6 | 50 |
| | 0836 | 6.6 | 200 |
| | 1502 | 1.6 | 50 |
| | 2123 | 6.2 | 190 |
| 10 Tu ◐ | 0332 | 2.0 | 60 |
| | 0943 | 6.2 | 190 |
| | 1608 | 2.0 | 60 |
| | 2239 | 5.9 | 180 |
| 11 W | 0447 | 2.0 | 60 |
| | 1051 | 5.9 | 180 |
| | 1721 | 2.0 | 60 |
| | 2351 | 5.9 | 180 |
| 12 Th | 0554 | 2.0 | 60 |
| | 1158 | 5.9 | 180 |
| | 1828 | 2.0 | 60 |
| 13 F | 0051 | 5.9 | 180 |
| | 0656 | 2.0 | 60 |
| | 1302 | 5.9 | 180 |
| | 1923 | 2.0 | 60 |
| 14 Sa | 0139 | 5.9 | 180 |
| | 0749 | 1.6 | 50 |
| | 1400 | 5.9 | 180 |
| | 2009 | 2.0 | 60 |
| 15 Su | 0217 | 6.2 | 190 |
| | 0832 | 1.6 | 50 |
| | 1447 | 5.9 | 180 |
| | 2053 | 2.0 | 60 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 M | 0258 | 6.2 | 190 |
| | 0909 | 1.6 | 50 |
| | 1528 | 5.9 | 180 |
| | 2132 | 2.0 | 60 |
| 17 Tu | 0338 | 6.2 | 190 |
| | 0951 | 1.6 | 50 |
| | 1600 | 5.9 | 180 |
| | 2154 | 2.0 | 60 |
| 18 W ○ | 0406 | 6.2 | 190 |
| | 1024 | 1.6 | 50 |
| | 1634 | 5.9 | 180 |
| | 2224 | 2.0 | 60 |
| 19 Th | 0432 | 6.2 | 190 |
| | 1058 | 1.6 | 50 |
| | 1709 | 5.9 | 180 |
| | 2300 | 2.0 | 60 |
| 20 F | 0500 | 6.6 | 200 |
| | 1123 | 2.0 | 60 |
| | 1743 | 5.9 | 180 |
| | 2338 | 2.3 | 70 |
| 21 Sa | 0538 | 6.2 | 190 |
| | 1151 | 2.0 | 60 |
| | 1806 | 5.6 | 170 |
| 22 Su | 0009 | 2.3 | 70 |
| | 0613 | 6.2 | 190 |
| | 1224 | 2.0 | 60 |
| | 1838 | 5.6 | 170 |
| 23 M | 0041 | 2.3 | 70 |
| | 0651 | 6.2 | 190 |
| | 1306 | 2.3 | 70 |
| | 1917 | 5.9 | 180 |
| 24 Tu | 0121 | 2.3 | 70 |
| | 0728 | 5.9 | 180 |
| | 1343 | 2.3 | 70 |
| | 2009 | 5.9 | 180 |
| 25 W | 0213 | 2.6 | 80 |
| | 0813 | 5.9 | 180 |
| | 1430 | 2.6 | 80 |
| | 2109 | 5.9 | 180 |
| 26 Th ◑ | 0313 | 2.6 | 80 |
| | 0911 | 5.9 | 180 |
| | 1532 | 2.6 | 80 |
| | 2215 | 5.9 | 180 |
| 27 F | 0419 | 2.3 | 70 |
| | 1021 | 5.9 | 180 |
| | 1656 | 2.6 | 80 |
| | 2319 | 6.2 | 190 |
| 28 Sa | 0526 | 2.3 | 70 |
| | 1141 | 5.9 | 180 |
| | 1809 | 2.3 | 70 |
| 29 Su | 0021 | 6.6 | 200 |
| | 0636 | 2.0 | 60 |
| | 1300 | 6.2 | 190 |
| | 1909 | 2.0 | 60 |
| 30 M | 0117 | 6.9 | 210 |
| | 0738 | 1.3 | 40 |
| | 1402 | 6.6 | 200 |
| | 2006 | 1.6 | 50 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Recife, Brazil, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0213 | 7.2 | 220 |
| | 0834 | 1.0 | 30 |
| | 1456 | 6.9 | 210 |
| | 2100 | 1.3 | 40 |
| **2** W ● | 0308 | 7.5 | 230 |
| | 0928 | 0.7 | 20 |
| | 1545 | 7.2 | 220 |
| | 2151 | 1.0 | 30 |
| **3** Th | 0400 | 7.9 | 240 |
| | 1017 | 0.3 | 10 |
| | 1630 | 7.5 | 230 |
| | 2238 | 1.0 | 30 |
| **4** F | 0451 | 7.9 | 240 |
| | 1108 | 0.3 | 10 |
| | 1715 | 7.5 | 230 |
| | 2319 | 0.7 | 20 |
| **5** Sa | 0538 | 7.5 | 230 |
| | 1158 | 0.3 | 10 |
| | 1802 | 7.2 | 220 |
| **6** Su | 0004 | 1.0 | 30 |
| | 0623 | 7.5 | 230 |
| | 1245 | 0.7 | 20 |
| | 1853 | 6.9 | 210 |
| **7** M | 0056 | 1.0 | 30 |
| | 0708 | 6.9 | 210 |
| | 1330 | 1.0 | 30 |
| | 1943 | 6.6 | 200 |
| **8** Tu | 0151 | 1.3 | 40 |
| | 0800 | 6.6 | 200 |
| | 1415 | 1.6 | 50 |
| | 2036 | 6.2 | 190 |
| **9** W | 0251 | 2.0 | 60 |
| | 0858 | 5.9 | 180 |
| | 1504 | 2.0 | 60 |
| | 2134 | 5.6 | 170 |
| **10** Th ◐ | 0400 | 2.3 | 70 |
| | 1000 | 5.6 | 170 |
| | 1604 | 2.3 | 70 |
| | 2245 | 5.6 | 170 |
| **11** F | 0509 | 2.3 | 70 |
| | 1109 | 5.2 | 160 |
| | 1715 | 2.6 | 80 |
| **12** Sa | 0004 | 5.2 | 160 |
| | 0621 | 2.3 | 70 |
| | 1228 | 5.2 | 160 |
| | 1839 | 2.6 | 80 |
| **13** Su | 0104 | 5.6 | 170 |
| | 0726 | 2.3 | 70 |
| | 1347 | 5.6 | 170 |
| | 1949 | 2.6 | 80 |
| **14** M | 0156 | 5.6 | 170 |
| | 0817 | 2.0 | 60 |
| | 1445 | 5.6 | 170 |
| | 2041 | 2.3 | 70 |
| **15** Tu | 0243 | 5.9 | 180 |
| | 0858 | 2.0 | 60 |
| | 1528 | 5.9 | 180 |
| | 2123 | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0319 | 6.2 | 190 |
| | 0934 | 1.6 | 50 |
| | 1551 | 5.9 | 180 |
| | 2149 | 2.0 | 60 |
| **17** Th | 0356 | 6.6 | 200 |
| | 1008 | 1.6 | 50 |
| | 1621 | 6.2 | 190 |
| | 2217 | 2.0 | 60 |
| **18** F ○ | 0423 | 6.6 | 200 |
| | 1041 | 1.6 | 50 |
| | 1653 | 6.2 | 190 |
| | 2249 | 1.6 | 50 |
| **19** Sa | 0453 | 6.9 | 210 |
| | 1104 | 1.6 | 50 |
| | 1717 | 6.2 | 190 |
| | 2319 | 1.6 | 50 |
| **20** Su | 0524 | 6.9 | 210 |
| | 1132 | 1.6 | 50 |
| | 1739 | 6.2 | 190 |
| | 2347 | 1.6 | 50 |
| **21** M | 0556 | 6.9 | 210 |
| | 1204 | 1.6 | 50 |
| | 1809 | 6.6 | 200 |
| **22** Tu | 0013 | 1.6 | 50 |
| | 0624 | 6.6 | 200 |
| | 1239 | 1.6 | 50 |
| | 1851 | 6.6 | 200 |
| **23** W | 0054 | 2.0 | 60 |
| | 0700 | 6.6 | 200 |
| | 1309 | 2.0 | 60 |
| | 1934 | 6.2 | 190 |
| **24** Th | 0143 | 2.0 | 60 |
| | 0745 | 6.2 | 190 |
| | 1347 | 2.3 | 70 |
| | 2024 | 6.2 | 190 |
| **25** F ◑ | 0241 | 2.3 | 70 |
| | 0838 | 5.9 | 180 |
| | 1441 | 2.6 | 80 |
| | 2132 | 5.9 | 180 |
| **26** Sa | 0347 | 2.3 | 70 |
| | 0947 | 5.6 | 170 |
| | 1608 | 2.6 | 80 |
| | 2251 | 5.9 | 180 |
| **27** Su | 0500 | 2.3 | 70 |
| | 1117 | 5.6 | 170 |
| | 1747 | 2.6 | 80 |
| **28** M | 0002 | 6.2 | 190 |
| | 0623 | 2.0 | 60 |
| | 1253 | 5.9 | 180 |
| | 1900 | 2.3 | 70 |
| **29** Tu | 0109 | 6.6 | 200 |
| | 0739 | 1.6 | 50 |
| | 1358 | 6.6 | 200 |
| | 2000 | 1.6 | 50 |
| **30** W | 0209 | 7.2 | 220 |
| | 0838 | 1.0 | 30 |
| | 1454 | 6.9 | 210 |
| | 2054 | 1.3 | 40 |
| **31** Th | 0304 | 7.5 | 230 |
| | 0928 | 0.7 | 20 |
| | 1539 | 7.2 | 220 |
| | 2143 | 1.0 | 30 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0354 | 7.9 | 240 |
| | 1011 | 0.3 | 10 |
| | 1621 | 7.5 | 230 |
| | 2223 | 0.7 | 20 |
| **2** Sa | 0439 | 7.9 | 240 |
| | 1056 | 0.0 | 0 |
| | 1700 | 7.5 | 230 |
| | 2304 | 0.7 | 20 |
| **3** Su | 0519 | 7.9 | 240 |
| | 1139 | 0.3 | 10 |
| | 1745 | 7.5 | 230 |
| | 2345 | 0.7 | 20 |
| **4** M | 0558 | 7.5 | 230 |
| | 1217 | 0.7 | 20 |
| | 1824 | 7.2 | 220 |
| **5** Tu | 0028 | 1.0 | 30 |
| | 0636 | 6.9 | 210 |
| | 1251 | 1.0 | 30 |
| | 1904 | 6.6 | 200 |
| **6** W | 0113 | 1.3 | 40 |
| | 0719 | 6.6 | 200 |
| | 1324 | 1.6 | 50 |
| | 1936 | 6.2 | 190 |
| **7** Th | 0202 | 2.0 | 60 |
| | 0809 | 5.9 | 180 |
| | 1408 | 2.3 | 70 |
| | 2011 | 5.6 | 170 |
| **8** F ◐ | 0300 | 2.3 | 70 |
| | 0911 | 5.2 | 160 |
| | 1502 | 2.6 | 80 |
| | 2104 | 5.2 | 160 |
| **9** Sa | 0428 | 2.6 | 80 |
| | 1032 | 4.9 | 150 |
| | 1611 | 3.0 | 90 |
| | 2238 | 4.9 | 150 |
| **10** Su | 0558 | 3.0 | 90 |
| | 1213 | 4.9 | 150 |
| | 1811 | 3.3 | 100 |
| **11** M | 0036 | 4.9 | 150 |
| | 0713 | 2.6 | 80 |
| | 1349 | 5.2 | 160 |
| | 1938 | 3.0 | 90 |
| **12** Tu | 0136 | 5.6 | 170 |
| | 0806 | 2.3 | 70 |
| | 1443 | 5.6 | 170 |
| | 2028 | 2.6 | 80 |
| **13** W | 0219 | 5.9 | 180 |
| | 0836 | 2.0 | 60 |
| | 1517 | 5.9 | 180 |
| | 2104 | 2.3 | 70 |
| **14** Th | 0300 | 6.2 | 190 |
| | 0909 | 1.6 | 50 |
| | 1530 | 6.2 | 190 |
| | 2134 | 2.0 | 60 |
| **15** F | 0336 | 6.6 | 200 |
| | 0947 | 1.3 | 40 |
| | 1556 | 6.2 | 190 |
| | 2156 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0402 | 6.9 | 210 |
| | 1011 | 1.3 | 40 |
| | 1621 | 6.6 | 200 |
| | 2224 | 1.3 | 40 |
| **17** Su | 0430 | 7.2 | 220 |
| | 1038 | 1.3 | 40 |
| | 1643 | 6.9 | 210 |
| | 2253 | 1.3 | 40 |
| **18** M | 0500 | 7.2 | 220 |
| | 1106 | 1.0 | 30 |
| | 1708 | 6.9 | 210 |
| | 2315 | 1.3 | 40 |
| **19** Tu | 0530 | 7.2 | 220 |
| | 1139 | 1.3 | 40 |
| | 1743 | 6.9 | 210 |
| | 2347 | 1.3 | 40 |
| **20** W | 0556 | 6.9 | 210 |
| | 1208 | 1.3 | 40 |
| | 1819 | 6.9 | 210 |
| **21** Th | 0024 | 1.3 | 40 |
| | 0628 | 6.9 | 210 |
| | 1236 | 1.6 | 50 |
| | 1858 | 6.6 | 200 |
| **22** F | 0111 | 1.6 | 50 |
| | 0711 | 6.6 | 200 |
| | 1313 | 2.0 | 60 |
| | 1945 | 6.2 | 190 |
| **23** Sa ◑ | 0208 | 2.0 | 60 |
| | 0806 | 5.9 | 180 |
| | 1408 | 2.6 | 80 |
| | 2056 | 5.9 | 180 |
| **24** Su | 0319 | 2.3 | 70 |
| | 0919 | 5.6 | 170 |
| | 1539 | 3.0 | 90 |
| | 2230 | 5.9 | 180 |
| **25** M | 0451 | 2.3 | 70 |
| | 1117 | 5.6 | 170 |
| | 1741 | 2.6 | 80 |
| | 2358 | 5.9 | 180 |
| **26** Tu | 0632 | 2.0 | 60 |
| | 1253 | 5.9 | 180 |
| | 1856 | 2.3 | 70 |
| **27** W | 0109 | 6.6 | 200 |
| | 0747 | 1.3 | 40 |
| | 1356 | 6.6 | 200 |
| | 1956 | 1.6 | 50 |
| **28** Th | 0208 | 7.2 | 220 |
| | 0839 | 1.0 | 30 |
| | 1447 | 6.9 | 210 |
| | 2045 | 1.0 | 30 |
| **29** F | 0256 | 7.5 | 230 |
| | 0921 | 0.3 | 10 |
| | 1526 | 7.5 | 230 |
| | 2126 | 0.7 | 20 |
| **30** Sa ● | 0341 | 7.9 | 240 |
| | 0958 | 0.3 | 10 |
| | 1604 | 7.5 | 230 |
| | 2206 | 0.3 | 10 |
| **31** Su | 0419 | 7.9 | 240 |
| | 1038 | 0.3 | 10 |
| | 1643 | 7.5 | 230 |
| | 2245 | 0.3 | 10 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0456 | 7.5 | 230 |
| | 1111 | 0.3 | 10 |
| | 1717 | 7.5 | 230 |
| | 2319 | 0.7 | 20 |
| **2** Tu | 0526 | 7.2 | 220 |
| | 1141 | 0.7 | 20 |
| | 1753 | 6.9 | 210 |
| | 2358 | 1.0 | 30 |
| **3** W | 0602 | 6.9 | 210 |
| | 1206 | 1.3 | 40 |
| | 1819 | 6.6 | 200 |
| **4** Th | 0038 | 1.3 | 40 |
| | 0647 | 6.2 | 190 |
| | 1241 | 1.6 | 50 |
| | 1841 | 5.9 | 180 |
| **5** F | 0109 | 2.0 | 60 |
| | 0730 | 5.6 | 170 |
| | 1319 | 2.3 | 70 |
| | 1911 | 5.6 | 170 |
| **6** Sa | 0132 | 2.6 | 80 |
| | 0826 | 4.9 | 150 |
| | 1408 | 3.0 | 90 |
| | 2000 | 5.2 | 160 |
| **7** Su ◐ | 0230 | 3.0 | 90 |
| | 0953 | 4.6 | 140 |
| | 1519 | 3.3 | 100 |
| | 2109 | 4.9 | 150 |
| **8** M | 0515 | 3.3 | 100 |
| | 1213 | 4.6 | 140 |
| | 1741 | 3.6 | 110 |
| **9** Tu | 0000 | 4.9 | 150 |
| | 0647 | 3.0 | 90 |
| | 1345 | 4.9 | 150 |
| | 1915 | 3.0 | 90 |
| **10** W | 0104 | 5.2 | 160 |
| | 0728 | 2.6 | 80 |
| | 1426 | 5.2 | 160 |
| | 2002 | 2.6 | 80 |
| **11** Th | 0158 | 5.9 | 180 |
| | 0806 | 2.0 | 60 |
| | 1436 | 5.9 | 180 |
| | 2039 | 2.0 | 60 |
| **12** F | 0238 | 6.6 | 200 |
| | 0841 | 1.6 | 50 |
| | 1453 | 6.2 | 190 |
| | 2100 | 1.6 | 50 |
| **13** Sa | 0304 | 6.9 | 210 |
| | 0909 | 1.3 | 40 |
| | 1517 | 6.6 | 200 |
| | 2126 | 1.3 | 40 |
| **14** Su | 0334 | 7.2 | 220 |
| | 0939 | 1.0 | 30 |
| | 1543 | 6.9 | 210 |
| | 2153 | 1.0 | 30 |
| **15** M ○ | 0402 | 7.5 | 230 |
| | 1004 | 1.0 | 30 |
| | 1608 | 7.2 | 220 |
| | 2219 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0434 | 7.5 | 230 |
| | 1039 | 1.0 | 30 |
| | 1639 | 7.5 | 230 |
| | 2247 | 0.7 | 20 |
| **17** W | 0500 | 7.5 | 230 |
| | 1109 | 1.0 | 30 |
| | 1713 | 7.5 | 230 |
| | 2321 | 0.7 | 20 |
| **18** Th | 0528 | 7.2 | 220 |
| | 1139 | 1.3 | 40 |
| | 1754 | 7.2 | 220 |
| **19** F | 0004 | 1.0 | 30 |
| | 0606 | 6.9 | 210 |
| | 1211 | 1.6 | 50 |
| | 1838 | 6.9 | 210 |
| **20** Sa | 0056 | 1.3 | 40 |
| | 0656 | 6.6 | 200 |
| | 1256 | 2.0 | 60 |
| | 1928 | 6.6 | 200 |
| **21** Su | 0156 | 2.0 | 60 |
| | 0756 | 5.9 | 180 |
| | 1356 | 2.6 | 80 |
| | 2045 | 5.9 | 180 |
| **22** M ◑ | 0309 | 2.3 | 70 |
| | 0917 | 5.6 | 170 |
| | 1545 | 3.0 | 90 |
| | 2219 | 5.9 | 180 |
| **23** Tu | 0453 | 2.3 | 70 |
| | 1121 | 5.6 | 170 |
| | 1732 | 2.6 | 80 |
| | 2353 | 5.9 | 180 |
| **24** W | 0636 | 2.0 | 60 |
| | 1245 | 6.2 | 190 |
| | 1847 | 2.0 | 60 |
| **25** Th | 0108 | 6.6 | 200 |
| | 0739 | 1.3 | 40 |
| | 1343 | 6.6 | 200 |
| | 1941 | 1.3 | 40 |
| **26** F | 0158 | 6.9 | 210 |
| | 0826 | 0.7 | 20 |
| | 1428 | 7.2 | 220 |
| | 2028 | 1.0 | 30 |
| **27** Sa | 0241 | 7.5 | 230 |
| | 0904 | 0.7 | 20 |
| | 1508 | 7.5 | 230 |
| | 2109 | 0.7 | 20 |
| **28** Su | 0323 | 7.5 | 230 |
| | 0939 | 0.3 | 10 |
| | 1545 | 7.5 | 230 |
| | 2149 | 0.3 | 10 |
| **29** M ● | 0400 | 7.5 | 230 |
| | 1013 | 0.3 | 10 |
| | 1617 | 7.5 | 230 |
| | 2219 | 0.3 | 10 |
| **30** Tu | 0430 | 7.2 | 220 |
| | 1043 | 0.7 | 20 |
| | 1653 | 7.2 | 220 |
| | 2258 | 0.7 | 20 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Recife, Brazil, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0500 | 6.9 | 210 |
| | 1106 | 1.0 | 30 |
| | 1719 | 6.9 | 210 |
| | 2332 | 1.0 | 30 |
| **2** Th | 0536 | 6.6 | 200 |
| | 1130 | 1.6 | 50 |
| | 1734 | 6.6 | 200 |
| **3** F | 0000 | 1.6 | 50 |
| | 0611 | 5.9 | 180 |
| | 1202 | 2.0 | 60 |
| | 1800 | 6.2 | 190 |
| **4** Sa | 0021 | 2.0 | 60 |
| | 0651 | 5.2 | 160 |
| | 1245 | 2.3 | 70 |
| | 1838 | 5.6 | 170 |
| **5** Su | 0047 | 2.6 | 80 |
| | 0734 | 4.9 | 150 |
| | 1328 | 3.0 | 90 |
| | 1919 | 5.2 | 160 |
| **6** M | 0132 | 3.0 | 90 |
| | 0856 | 4.3 | 130 |
| | 1438 | 3.3 | 100 |
| | 2023 | 4.9 | 150 |
| **7** Tu ◐ | 0404 | 3.3 | 100 |
| | 1124 | 4.3 | 130 |
| | 1638 | 3.6 | 110 |
| | 2311 | 4.9 | 150 |
| **8** W | 0551 | 3.3 | 100 |
| | 1309 | 4.9 | 150 |
| | 1847 | 3.3 | 100 |
| **9** Th | 0036 | 5.2 | 160 |
| | 0643 | 2.6 | 80 |
| | 1334 | 5.2 | 160 |
| | 1936 | 2.6 | 80 |
| **10** F | 0121 | 5.9 | 180 |
| | 0721 | 2.3 | 70 |
| | 1336 | 5.9 | 180 |
| | 1956 | 2.3 | 70 |
| **11** Sa | 0200 | 6.2 | 190 |
| | 0800 | 1.6 | 50 |
| | 1406 | 6.2 | 190 |
| | 2021 | 1.6 | 50 |
| **12** Su | 0232 | 6.9 | 210 |
| | 0834 | 1.3 | 40 |
| | 1438 | 6.9 | 210 |
| | 2049 | 1.3 | 40 |
| **13** M | 0300 | 7.2 | 220 |
| | 0902 | 1.0 | 30 |
| | 1506 | 7.2 | 220 |
| | 2119 | 1.0 | 30 |
| **14** Tu ○ | 0336 | 7.5 | 230 |
| | 0938 | 1.0 | 30 |
| | 1538 | 7.5 | 230 |
| | 2147 | 0.7 | 20 |
| **15** W | 0404 | 7.5 | 230 |
| | 1009 | 1.0 | 30 |
| | 1611 | 7.9 | 240 |
| | 2221 | 0.3 | 10 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0434 | 7.5 | 230 |
| | 1047 | 1.0 | 30 |
| | 1656 | 7.9 | 240 |
| | 2302 | 0.7 | 20 |
| **17** F | 0509 | 7.2 | 220 |
| | 1119 | 1.3 | 40 |
| | 1739 | 7.5 | 230 |
| | 2353 | 0.7 | 20 |
| **18** Sa | 0554 | 6.9 | 210 |
| | 1158 | 1.6 | 50 |
| | 1824 | 7.2 | 220 |
| **19** Su | 0047 | 1.3 | 40 |
| | 0647 | 6.6 | 200 |
| | 1249 | 2.0 | 60 |
| | 1923 | 6.6 | 200 |
| **20** M | 0151 | 1.6 | 50 |
| | 0753 | 6.2 | 190 |
| | 1358 | 2.3 | 70 |
| | 2039 | 6.2 | 190 |
| **21** Tu ◑ | 0306 | 2.0 | 60 |
| | 0923 | 5.6 | 170 |
| | 1543 | 2.6 | 80 |
| | 2208 | 5.9 | 180 |
| **22** W | 0445 | 2.0 | 60 |
| | 1106 | 5.9 | 180 |
| | 1709 | 2.3 | 70 |
| | 2332 | 6.2 | 190 |
| **23** Th | 0615 | 1.6 | 50 |
| | 1221 | 6.2 | 190 |
| | 1821 | 2.0 | 60 |
| **24** F | 0043 | 6.6 | 200 |
| | 0717 | 1.3 | 40 |
| | 1317 | 6.6 | 200 |
| | 1917 | 1.3 | 40 |
| **25** Sa | 0136 | 6.9 | 210 |
| | 0802 | 1.0 | 30 |
| | 1406 | 6.9 | 210 |
| | 2008 | 1.0 | 30 |
| **26** Su | 0223 | 7.2 | 220 |
| | 0843 | 0.7 | 20 |
| | 1449 | 7.2 | 220 |
| | 2053 | 0.7 | 20 |
| **27** M | 0304 | 7.2 | 220 |
| | 0917 | 0.7 | 20 |
| | 1521 | 7.2 | 220 |
| | 2126 | 0.7 | 20 |
| **28** Tu ● | 0339 | 7.2 | 220 |
| | 0951 | 1.0 | 30 |
| | 1556 | 7.2 | 220 |
| | 2202 | 0.7 | 20 |
| **29** W | 0409 | 6.9 | 210 |
| | 1019 | 1.3 | 40 |
| | 1628 | 6.9 | 210 |
| | 2238 | 1.0 | 30 |
| **30** Th | 0439 | 6.6 | 200 |
| | 1038 | 1.6 | 50 |
| | 1649 | 6.6 | 200 |
| | 2308 | 1.3 | 40 |
| **31** F | 0513 | 6.2 | 190 |
| | 1104 | 1.6 | 50 |
| | 1708 | 6.2 | 190 |
| | 2338 | 1.6 | 50 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0554 | 5.9 | 180 |
| | 1143 | 2.0 | 60 |
| | 1736 | 6.2 | 190 |
| | 2356 | 2.0 | 60 |
| **2** Su | 0628 | 5.2 | 160 |
| | 1219 | 2.6 | 80 |
| | 1811 | 5.9 | 180 |
| **3** M | 0024 | 2.6 | 80 |
| | 0658 | 4.9 | 150 |
| | 1300 | 3.0 | 90 |
| | 1900 | 5.6 | 170 |
| **4** Tu | 0113 | 3.0 | 90 |
| | 0758 | 4.6 | 140 |
| | 1400 | 3.3 | 100 |
| | 1958 | 5.2 | 160 |
| **5** W | 0241 | 3.3 | 100 |
| | 0924 | 4.6 | 140 |
| | 1517 | 3.3 | 100 |
| | 2132 | 4.9 | 150 |
| **6** Th ◐ | 0439 | 3.3 | 100 |
| | 1051 | 4.9 | 150 |
| | 1721 | 3.3 | 100 |
| | 2343 | 5.2 | 160 |
| **7** F | 0549 | 3.0 | 90 |
| | 1151 | 5.2 | 160 |
| | 1824 | 3.0 | 90 |
| **8** Sa | 0039 | 5.6 | 170 |
| | 0639 | 2.6 | 80 |
| | 1238 | 5.9 | 180 |
| | 1853 | 2.3 | 70 |
| **9** Su | 0117 | 6.2 | 190 |
| | 0717 | 2.0 | 60 |
| | 1317 | 6.2 | 190 |
| | 1934 | 2.0 | 60 |
| **10** M | 0153 | 6.6 | 200 |
| | 0756 | 1.6 | 50 |
| | 1358 | 6.9 | 210 |
| | 2013 | 1.3 | 40 |
| **11** Tu | 0230 | 6.9 | 210 |
| | 0830 | 1.3 | 40 |
| | 1432 | 7.2 | 220 |
| | 2047 | 1.0 | 30 |
| **12** W | 0306 | 7.2 | 220 |
| | 0908 | 1.0 | 30 |
| | 1509 | 7.9 | 240 |
| | 2124 | 0.7 | 20 |
| **13** Th ○ | 0343 | 7.5 | 230 |
| | 0951 | 1.0 | 30 |
| | 1556 | 7.9 | 240 |
| | 2206 | 0.3 | 10 |
| **14** F | 0419 | 7.5 | 230 |
| | 1030 | 1.0 | 30 |
| | 1641 | 7.9 | 240 |
| | 2253 | 0.3 | 10 |
| **15** Sa | 0500 | 7.5 | 230 |
| | 1108 | 1.0 | 30 |
| | 1728 | 7.5 | 230 |
| | 2345 | 0.7 | 20 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0549 | 7.2 | 220 |
| | 1153 | 1.3 | 40 |
| | 1819 | 7.2 | 220 |
| **17** M | 0041 | 1.0 | 30 |
| | 0645 | 6.9 | 210 |
| | 1249 | 1.6 | 50 |
| | 1915 | 6.9 | 210 |
| **18** Tu | 0143 | 1.3 | 40 |
| | 0751 | 6.2 | 190 |
| | 1356 | 2.0 | 60 |
| | 2023 | 6.6 | 200 |
| **19** W ◑ | 0253 | 1.6 | 50 |
| | 0908 | 6.2 | 190 |
| | 1519 | 2.3 | 70 |
| | 2139 | 6.2 | 190 |
| **20** Th | 0417 | 2.0 | 60 |
| | 1039 | 5.9 | 180 |
| | 1645 | 2.0 | 60 |
| | 2258 | 6.2 | 190 |
| **21** F | 0539 | 1.6 | 50 |
| | 1154 | 6.2 | 190 |
| | 1754 | 2.0 | 60 |
| **22** Sa | 0009 | 6.2 | 190 |
| | 0647 | 1.6 | 50 |
| | 1254 | 6.6 | 200 |
| | 1856 | 1.6 | 50 |
| **23** Su | 0111 | 6.6 | 200 |
| | 0738 | 1.3 | 40 |
| | 1345 | 6.6 | 200 |
| | 1949 | 1.3 | 40 |
| **24** M | 0204 | 6.6 | 200 |
| | 0819 | 1.3 | 40 |
| | 1424 | 6.9 | 210 |
| | 2034 | 1.0 | 30 |
| **25** Tu | 0249 | 6.6 | 200 |
| | 0858 | 1.3 | 40 |
| | 1500 | 6.9 | 210 |
| | 2111 | 1.0 | 30 |
| **26** W | 0328 | 6.6 | 200 |
| | 0936 | 1.3 | 40 |
| | 1539 | 6.6 | 200 |
| | 2149 | 1.0 | 30 |
| **27** Th ● | 0400 | 6.2 | 190 |
| | 1004 | 1.6 | 50 |
| | 1609 | 6.6 | 200 |
| | 2221 | 1.3 | 40 |
| **28** F | 0428 | 6.2 | 190 |
| | 1024 | 1.6 | 50 |
| | 1638 | 6.6 | 200 |
| | 2258 | 1.3 | 40 |
| **29** Sa | 0506 | 5.9 | 180 |
| | 1056 | 2.0 | 60 |
| | 1656 | 6.2 | 190 |
| | 2326 | 1.6 | 50 |
| **30** Su | 0545 | 5.6 | 170 |
| | 1132 | 2.3 | 70 |
| | 1726 | 6.2 | 190 |
| | 2350 | 2.0 | 60 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0613 | 5.6 | 170 |
| | 1208 | 2.3 | 70 |
| | 1806 | 5.9 | 180 |
| **2** Tu | 0019 | 2.3 | 70 |
| | 0639 | 5.2 | 160 |
| | 1247 | 2.6 | 80 |
| | 1849 | 5.9 | 180 |
| **3** W | 0102 | 2.6 | 80 |
| | 0723 | 5.2 | 160 |
| | 1326 | 3.0 | 90 |
| | 1930 | 5.6 | 170 |
| **4** Th | 0153 | 2.6 | 80 |
| | 0823 | 4.9 | 150 |
| | 1421 | 3.0 | 90 |
| | 2023 | 5.2 | 160 |
| **5** F ◐ | 0315 | 3.0 | 90 |
| | 0934 | 5.2 | 160 |
| | 1528 | 3.0 | 90 |
| | 2132 | 5.2 | 160 |
| **6** Sa | 0438 | 3.0 | 90 |
| | 1043 | 5.2 | 160 |
| | 1639 | 3.0 | 90 |
| | 2313 | 5.2 | 160 |
| **7** Su | 0541 | 2.6 | 80 |
| | 1141 | 5.6 | 170 |
| | 1747 | 2.6 | 80 |
| **8** M | 0021 | 5.6 | 170 |
| | 0632 | 2.3 | 70 |
| | 1234 | 6.2 | 190 |
| | 1847 | 2.0 | 60 |
| **9** Tu | 0111 | 6.2 | 190 |
| | 0715 | 2.0 | 60 |
| | 1319 | 6.6 | 200 |
| | 1939 | 1.6 | 50 |
| **10** W | 0200 | 6.6 | 200 |
| | 0802 | 1.6 | 50 |
| | 1406 | 7.2 | 220 |
| | 2028 | 1.0 | 30 |
| **11** Th | 0249 | 6.9 | 210 |
| | 0853 | 1.3 | 40 |
| | 1456 | 7.5 | 230 |
| | 2113 | 0.7 | 20 |
| **12** F ○ | 0332 | 7.2 | 220 |
| | 0938 | 1.0 | 30 |
| | 1545 | 7.9 | 240 |
| | 2158 | 0.3 | 10 |
| **13** Sa | 0411 | 7.5 | 230 |
| | 1019 | 1.0 | 30 |
| | 1634 | 7.9 | 240 |
| | 2249 | 0.3 | 10 |
| **14** Su | 0456 | 7.5 | 230 |
| | 1104 | 1.0 | 30 |
| | 1721 | 7.9 | 240 |
| | 2339 | 0.3 | 10 |
| **15** M | 0545 | 7.5 | 230 |
| | 1151 | 1.0 | 30 |
| | 1809 | 7.5 | 230 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0032 | 0.7 | 20 |
| | 0638 | 7.2 | 220 |
| | 1241 | 1.3 | 40 |
| | 1902 | 7.2 | 220 |
| **17** W | 0126 | 1.0 | 30 |
| | 0736 | 6.9 | 210 |
| | 1341 | 1.6 | 50 |
| | 1958 | 6.9 | 210 |
| **18** Th | 0223 | 1.3 | 40 |
| | 0839 | 6.6 | 200 |
| | 1451 | 1.6 | 50 |
| | 2100 | 6.2 | 190 |
| **19** F ◑ | 0324 | 1.6 | 50 |
| | 0953 | 6.2 | 190 |
| | 1602 | 2.0 | 60 |
| | 2208 | 5.9 | 180 |
| **20** Sa | 0436 | 2.0 | 60 |
| | 1109 | 5.9 | 180 |
| | 1713 | 2.0 | 60 |
| | 2321 | 5.9 | 180 |
| **21** Su | 0558 | 2.3 | 70 |
| | 1219 | 5.9 | 180 |
| | 1824 | 2.0 | 60 |
| **22** M | 0038 | 5.9 | 180 |
| | 0706 | 2.0 | 60 |
| | 1315 | 5.9 | 180 |
| | 1926 | 1.6 | 50 |
| **23** Tu | 0147 | 5.9 | 180 |
| | 0758 | 2.0 | 60 |
| | 1402 | 6.2 | 190 |
| | 2021 | 1.6 | 50 |
| **24** W | 0243 | 5.9 | 180 |
| | 0845 | 2.0 | 60 |
| | 1449 | 6.2 | 190 |
| | 2104 | 1.3 | 40 |
| **25** Th | 0330 | 6.2 | 190 |
| | 0926 | 2.0 | 60 |
| | 1523 | 6.2 | 190 |
| | 2139 | 1.3 | 40 |
| **26** F | 0402 | 6.2 | 190 |
| | 0958 | 2.0 | 60 |
| | 1600 | 6.6 | 200 |
| | 2213 | 1.3 | 40 |
| **27** Sa ● | 0428 | 6.2 | 190 |
| | 1024 | 2.0 | 60 |
| | 1632 | 6.6 | 200 |
| | 2251 | 1.6 | 50 |
| **28** Su | 0500 | 5.9 | 180 |
| | 1053 | 2.0 | 60 |
| | 1654 | 6.6 | 200 |
| | 2315 | 1.6 | 50 |
| **29** M | 0532 | 5.9 | 180 |
| | 1124 | 2.0 | 60 |
| | 1724 | 6.6 | 200 |
| | 2339 | 1.6 | 50 |
| **30** Tu | 0556 | 5.9 | 180 |
| | 1158 | 2.0 | 60 |
| | 1800 | 6.6 | 200 |
| **31** W | 0008 | 2.0 | 60 |
| | 0617 | 5.9 | 180 |
| | 1223 | 2.3 | 70 |
| | 1832 | 6.2 | 190 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Rio de Janeiro, Brazil, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0400 | 1.6 | 50 |
| | 0830 | 2.6 | 80 |
| | 1609 | 1.6 | 50 |
| | 2106 | 2.6 | 80 |
| **2** W | 0500 | 1.6 | 50 |
| | 0941 | 2.6 | 80 |
| | 1713 | 1.3 | 40 |
| | 2254 | 3.0 | 90 |
| **3** Th | 0556 | 1.6 | 50 |
| | 1100 | 2.6 | 80 |
| | 1808 | 1.0 | 30 |
| **4** F | 0015 | 3.0 | 90 |
| | 0647 | 1.3 | 40 |
| | 1206 | 3.0 | 90 |
| | 1856 | 0.7 | 20 |
| **5** Sa | 0104 | 3.3 | 100 |
| | 0730 | 1.3 | 40 |
| | 1254 | 3.3 | 100 |
| | 1938 | 0.3 | 10 |
| **6** Su | 0145 | 3.6 | 110 |
| | 0809 | 1.3 | 40 |
| | 1334 | 3.3 | 100 |
| | 2013 | 0.3 | 10 |
| **7** M | 0221 | 3.6 | 110 |
| | 0853 | 1.3 | 40 |
| | 1409 | 3.6 | 110 |
| | 2054 | 0.0 | 0 |
| **8** Tu ● | 0256 | 3.9 | 120 |
| | 0930 | 1.0 | 30 |
| | 1447 | 3.6 | 110 |
| | 2132 | 0.0 | 0 |
| **9** W | 0330 | 3.9 | 120 |
| | 1006 | 1.0 | 30 |
| | 1517 | 3.9 | 120 |
| | 2209 | 0.0 | 0 |
| **10** Th | 0404 | 3.9 | 120 |
| | 1045 | 1.0 | 30 |
| | 1554 | 3.9 | 120 |
| | 2253 | 0.0 | 0 |
| **11** F | 0441 | 3.9 | 120 |
| | 1123 | 1.3 | 40 |
| | 1626 | 3.9 | 120 |
| | 2338 | 0.0 | 0 |
| **12** Sa | 0513 | 3.6 | 110 |
| | 1202 | 1.3 | 40 |
| | 1704 | 3.9 | 120 |
| **13** Su | 0028 | 0.3 | 10 |
| | 0553 | 3.3 | 100 |
| | 1251 | 1.3 | 40 |
| | 1745 | 3.6 | 110 |
| **14** M | 0124 | 0.7 | 20 |
| | 0624 | 3.3 | 100 |
| | 1345 | 1.6 | 50 |
| | 1826 | 3.6 | 110 |
| **15** Tu ◐ | 0228 | 1.0 | 30 |
| | 0704 | 3.0 | 90 |
| | 1449 | 1.6 | 50 |
| | 1921 | 3.3 | 100 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0338 | 1.3 | 40 |
| | 0754 | 2.6 | 80 |
| | 1558 | 1.3 | 40 |
| | 2039 | 3.0 | 90 |
| **17** Th | 0453 | 1.3 | 40 |
| | 0853 | 2.3 | 70 |
| | 1256 | 2.3 | 70 |
| | 1711 | 1.3 | 40 |
| **18** F | 0108 | 3.0 | 90 |
| | 0602 | 1.3 | 40 |
| | 1154 | 2.3 | 70 |
| | 1321 | 2.3 | 70 |
| | 1821 | 1.0 | 30 |
| **19** Sa | 0154 | 3.3 | 100 |
| | 0708 | 1.3 | 40 |
| | 1304 | 2.6 | 80 |
| | 1921 | 0.7 | 20 |
| **20** Su | 0226 | 3.6 | 110 |
| | 0806 | 1.3 | 40 |
| | 1317 | 3.0 | 90 |
| | 2011 | 0.0 | 0 |
| **21** M | 0245 | 3.6 | 110 |
| | 0854 | 1.3 | 40 |
| | 1349 | 3.3 | 100 |
| | 2100 | 0.0 | 0 |
| **22** Tu ○ | 0304 | 3.9 | 120 |
| | 0938 | 1.3 | 40 |
| | 1423 | 3.6 | 110 |
| | 2145 | 0.0 | 0 |
| **23** W | 0324 | 3.9 | 120 |
| | 1011 | 1.3 | 40 |
| | 1500 | 3.9 | 120 |
| | 2226 | 0.0 | 0 |
| **24** Th | 0354 | 3.9 | 120 |
| | 1049 | 1.3 | 40 |
| | 1538 | 4.3 | 130 |
| | 2304 | 0.3 | 10 |
| **25** F | 0423 | 3.6 | 110 |
| | 1117 | 1.3 | 40 |
| | 1611 | 4.3 | 130 |
| | 2345 | 0.7 | 20 |
| **26** Sa | 0456 | 3.6 | 110 |
| | 1141 | 1.6 | 50 |
| | 1653 | 3.9 | 120 |
| **27** Su | 0024 | 1.0 | 30 |
| | 0528 | 3.3 | 100 |
| | 1134 | 1.6 | 50 |
| | 1728 | 3.9 | 120 |
| **28** M | 0104 | 1.3 | 40 |
| | 0602 | 3.3 | 100 |
| | 1108 | 1.6 | 50 |
| | 1808 | 3.6 | 110 |
| **29** Tu | 0200 | 1.6 | 50 |
| | 0639 | 3.0 | 90 |
| | 1130 | 1.6 | 50 |
| | 1858 | 3.0 | 90 |
| **30** W ◑ | 0039 | 2.0 | 60 |
| | 0309 | 2.0 | 60 |
| | 0717 | 2.6 | 80 |
| | 1513 | 1.6 | 50 |
| | 2000 | 2.6 | 80 |
| **31** Th | 0047 | 2.3 | 70 |
| | 0423 | 2.0 | 60 |
| | 0811 | 2.6 | 80 |
| | 1638 | 1.6 | 50 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0049 | 2.6 | 80 |
| | 0530 | 2.0 | 60 |
| | 1000 | 2.6 | 80 |
| | 1743 | 1.3 | 40 |
| **2** Sa | 0104 | 3.0 | 90 |
| | 0626 | 2.0 | 60 |
| | 1213 | 3.0 | 90 |
| | 1834 | 1.0 | 30 |
| **3** Su | 0126 | 3.3 | 100 |
| | 0713 | 1.6 | 50 |
| | 1256 | 3.3 | 100 |
| | 1915 | 0.7 | 20 |
| **4** M | 0153 | 3.6 | 110 |
| | 0754 | 1.3 | 40 |
| | 1330 | 3.6 | 110 |
| | 1956 | 0.3 | 10 |
| **5** Tu | 0217 | 3.9 | 120 |
| | 0832 | 1.3 | 40 |
| | 1402 | 3.9 | 120 |
| | 2036 | 0.0 | 0 |
| **6** W | 0247 | 3.9 | 120 |
| | 0906 | 1.0 | 30 |
| | 1436 | 3.9 | 120 |
| | 2111 | 0.0 | 0 |
| **7** Th ● | 0313 | 4.3 | 130 |
| | 0941 | 1.0 | 30 |
| | 1506 | 4.3 | 130 |
| | 2151 | 0.0 | 0 |
| **8** F | 0345 | 4.3 | 130 |
| | 1015 | 1.0 | 30 |
| | 1539 | 4.3 | 130 |
| | 2232 | 0.0 | 0 |
| **9** Sa | 0411 | 4.3 | 130 |
| | 1051 | 1.0 | 30 |
| | 1609 | 4.6 | 140 |
| | 2313 | 0.3 | 10 |
| **10** Su | 0445 | 3.9 | 120 |
| | 1126 | 1.3 | 40 |
| | 1647 | 4.3 | 130 |
| **11** M | 0000 | 0.7 | 20 |
| | 0509 | 3.6 | 110 |
| | 1206 | 1.3 | 40 |
| | 1719 | 4.3 | 130 |
| **12** Tu | 0058 | 1.0 | 30 |
| | 0543 | 3.3 | 100 |
| | 1258 | 1.6 | 50 |
| | 1800 | 3.6 | 110 |
| **13** W | 0204 | 1.6 | 50 |
| | 0611 | 3.0 | 90 |
| | 1151 | 2.0 | 60 |
| | 1409 | 1.6 | 50 |
| | 1849* | 3.3 | 100 |
| **14** Th ◐ | 0321 | 2.0 | 60 |
| | 0654 | 3.0 | 90 |
| | 1036 | 2.0 | 60 |
| | 1245 | 2.0 | 60 |
| | 1539* | 1.6 | 50 |
| **15** F | 0051 | 3.0 | 90 |
| | 0447 | 2.0 | 60 |
| | 0747 | 2.6 | 80 |
| | 1053 | 2.0 | 60 |
| | 1311* | 2.3 | 70 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0132 | 3.6 | 110 |
| | 0602 | 2.0 | 60 |
| | 0921 | 2.3 | 70 |
| | 1051 | 2.3 | 70 |
| | 1336* | 2.6 | 80 |
| **17** Su | 0202 | 3.6 | 110 |
| | 0704 | 1.6 | 50 |
| | 1330 | 3.0 | 90 |
| | 1913 | 0.7 | 20 |
| **18** M | 0223 | 3.9 | 120 |
| | 0754 | 1.6 | 50 |
| | 1317 | 3.3 | 100 |
| | 2002 | 0.3 | 10 |
| **19** Tu | 0226 | 3.9 | 120 |
| | 0834 | 1.3 | 40 |
| | 1339 | 3.9 | 120 |
| | 2047 | 0.0 | 0 |
| **20** W | 0234 | 3.9 | 120 |
| | 0906 | 1.3 | 40 |
| | 1408 | 4.3 | 130 |
| | 2124 | 0.0 | 0 |
| **21** Th ○ | 0254 | 3.9 | 120 |
| | 0941 | 1.3 | 40 |
| | 1445 | 4.6 | 140 |
| | 2200 | 0.3 | 10 |
| **22** F | 0319 | 4.3 | 130 |
| | 1009 | 1.3 | 40 |
| | 1515 | 4.6 | 140 |
| | 2236 | 0.7 | 20 |
| **23** Sa | 0351 | 3.9 | 120 |
| | 1034 | 1.3 | 40 |
| | 1554 | 4.6 | 140 |
| | 2306 | 1.0 | 30 |
| **24** Su | 0419 | 3.9 | 120 |
| | 1041 | 1.3 | 40 |
| | 1628 | 4.3 | 130 |
| | 2332 | 1.3 | 40 |
| **25** M | 0453 | 3.6 | 110 |
| | 1030 | 1.3 | 40 |
| | 1702 | 3.9 | 120 |
| | 2326 | 1.6 | 50 |
| **26** Tu | 0519 | 3.6 | 110 |
| | 1032 | 1.6 | 50 |
| | 1739 | 3.6 | 110 |
| | 2224 | 2.0 | 60 |
| **27** W | 0553 | 3.3 | 100 |
| | 1053 | 1.6 | 50 |
| | 1815 | 3.3 | 100 |
| | 2223 | 2.3 | 70 |
| **28** Th ◑ | 0049 | 2.3 | 70 |
| | 0232 | 2.3 | 70 |
| | 0619 | 3.0 | 90 |
| | 1109 | 2.0 | 60 |
| | 1241* | 2.0 | 60 |
| **29** F | 0053 | 2.6 | 80 |
| | 0354 | 2.3 | 70 |
| | 0700 | 3.0 | 90 |
| | 1119 | 2.3 | 70 |
| | 1554 | 2.0 | 60 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0100 | 3.0 | 90 |
| | 0504 | 2.3 | 70 |
| | 0815 | 2.6 | 80 |
| | 1056 | 2.6 | 80 |
| | 1211* | 2.6 | 80 |
| **2** Su | 0109 | 3.3 | 100 |
| | 0606 | 2.0 | 60 |
| | 1232 | 3.0 | 90 |
| | 1804 | 1.3 | 40 |
| **3** M | 0123 | 3.6 | 110 |
| | 0653 | 2.0 | 60 |
| | 1253 | 3.3 | 100 |
| | 1853 | 1.0 | 30 |
| **4** Tu | 0139 | 3.9 | 120 |
| | 0728 | 1.6 | 50 |
| | 1317 | 3.6 | 110 |
| | 1934 | 0.3 | 10 |
| **5** W | 0200 | 4.3 | 130 |
| | 0804 | 1.3 | 40 |
| | 1347 | 4.3 | 130 |
| | 2011 | 0.3 | 10 |
| **6** Th | 0221 | 4.3 | 130 |
| | 0838 | 1.0 | 30 |
| | 1413 | 4.6 | 140 |
| | 2051 | 0.0 | 0 |
| **7** F ● | 0249 | 4.6 | 140 |
| | 0909 | 1.0 | 30 |
| | 1447 | 4.6 | 140 |
| | 2130 | 0.0 | 0 |
| **8** Sa | 0311 | 4.3 | 130 |
| | 0945 | 1.0 | 30 |
| | 1515 | 4.9 | 150 |
| | 2208 | 0.3 | 10 |
| **9** Su | 0341 | 4.3 | 130 |
| | 1019 | 1.0 | 30 |
| | 1551 | 4.9 | 150 |
| | 2253 | 0.7 | 20 |
| **10** M | 0406 | 3.9 | 120 |
| | 1054 | 1.0 | 30 |
| | 1621 | 4.6 | 140 |
| | 2343 | 1.0 | 30 |
| **11** Tu | 0434 | 3.9 | 120 |
| | 1138 | 1.3 | 40 |
| | 1658 | 4.3 | 130 |
| **12** W | 0043 | 1.6 | 50 |
| | 0502 | 3.6 | 110 |
| | 1236 | 1.6 | 50 |
| | 1739 | 3.9 | 120 |
| **13** Th | 0156 | 2.3 | 70 |
| | 0536 | 3.3 | 100 |
| | 0953 | 1.6 | 50 |
| | 1153 | 2.0 | 60 |
| | 1356* | 1.6 | 50 |
| **14** F ◐ | 0315 | 2.3 | 70 |
| | 0608 | 3.0 | 90 |
| | 1000 | 2.0 | 60 |
| | 1224 | 2.3 | 70 |
| | 1526* | 1.6 | 50 |
| **15** Sa | 0047 | 3.6 | 110 |
| | 0445 | 2.3 | 70 |
| | 0702 | 2.6 | 80 |
| | 1015 | 2.3 | 70 |
| | 1256* | 2.6 | 80 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0117 | 3.6 | 110 |
| | 0556 | 2.3 | 70 |
| | 0913 | 2.6 | 80 |
| | 1308 | 3.0 | 90 |
| | 1804 | 1.0 | 30 |
| **17** M | 0145 | 3.9 | 120 |
| | 0647 | 2.0 | 60 |
| | 1253 | 3.3 | 100 |
| | 1858 | 0.7 | 20 |
| **18** Tu | 0149 | 3.9 | 120 |
| | 0724 | 1.6 | 50 |
| | 1249 | 3.6 | 110 |
| | 1945 | 0.7 | 20 |
| **19** W | 0143 | 3.9 | 120 |
| | 0800 | 1.6 | 50 |
| | 1313 | 4.3 | 130 |
| | 2023 | 0.3 | 10 |
| **20** Th | 0154 | 3.9 | 120 |
| | 0836 | 1.3 | 40 |
| | 1349 | 4.6 | 140 |
| | 2100 | 0.7 | 20 |
| **21** F ○ | 0215 | 4.3 | 130 |
| | 0904 | 1.3 | 40 |
| | 1419 | 4.6 | 140 |
| | 2134 | 0.7 | 20 |
| **22** Sa | 0247 | 4.3 | 130 |
| | 0932 | 1.0 | 30 |
| | 1458 | 4.9 | 150 |
| | 2204 | 1.0 | 30 |
| **23** Su | 0313 | 4.3 | 130 |
| | 0953 | 1.0 | 30 |
| | 1532 | 4.6 | 140 |
| | 2232 | 1.3 | 40 |
| **24** M | 0349 | 4.3 | 130 |
| | 1013 | 1.3 | 40 |
| | 1604 | 4.6 | 140 |
| | 2243 | 1.6 | 50 |
| **25** Tu | 0413 | 3.9 | 120 |
| | 1024 | 1.3 | 40 |
| | 1641 | 4.3 | 130 |
| | 2224 | 2.0 | 60 |
| **26** W | 0445 | 3.6 | 110 |
| | 1030 | 1.6 | 50 |
| | 1709 | 3.9 | 120 |
| | 2156 | 2.3 | 70 |
| **27** Th | 0508 | 3.6 | 110 |
| | 1039 | 1.6 | 50 |
| | 1751 | 3.6 | 110 |
| | 2151 | 2.6 | 80 |
| **28** F | 0004 | 2.6 | 80 |
| | 0156 | 2.6 | 80 |
| | 0541 | 3.3 | 100 |
| | 1154 | 2.0 | 60 |
| | 1339* | 2.0 | 60 |
| **29** Sa ◑ | 0013 | 3.0 | 90 |
| | 0317 | 2.6 | 80 |
| | 0613 | 3.0 | 90 |
| | 1151 | 2.3 | 70 |
| | 1508* | 2.0 | 60 |
| **30** Su | 0032 | 3.3 | 100 |
| | 0436 | 2.6 | 80 |
| | 0719 | 2.6 | 80 |
| | 1017 | 2.6 | 80 |
| | 1154* | 2.6 | 80 |
| **31** M | 0047 | 3.6 | 110 |
| | 0534 | 2.3 | 70 |
| | 1204 | 3.0 | 90 |
| | 1728 | 1.3 | 40 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
* See Page 308 for the remaining tides on this day.

# Rio de Janeiro, Brazil, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0056 | 3.6 | 110 |
| | 0615 | 2.0 | 60 |
| | 1224 | 3.3 | 100 |
| | 1819 | 1.0 | 30 |
| **2** W | 0109 | 3.9 | 120 |
| | 0656 | 1.6 | 50 |
| | 1251 | 3.9 | 120 |
| | 1904 | 0.7 | 20 |
| **3** Th | 0126 | 4.3 | 130 |
| | 0728 | 1.3 | 40 |
| | 1319 | 4.3 | 130 |
| | 1947 | 0.3 | 10 |
| **4** F | 0149 | 4.3 | 130 |
| | 0804 | 1.0 | 30 |
| | 1351 | 4.6 | 140 |
| | 2026 | 0.3 | 10 |
| **5** Sa | 0211 | 4.3 | 130 |
| | 0839 | 1.0 | 30 |
| | 1421 | 4.9 | 150 |
| | 2108 | 0.3 | 10 |
| **6** Su ● | 0239 | 4.3 | 130 |
| | 0915 | 0.7 | 20 |
| | 1456 | 4.9 | 150 |
| | 2153 | 0.7 | 20 |
| **7** M | 0304 | 4.3 | 130 |
| | 0954 | 1.0 | 30 |
| | 1530 | 4.9 | 150 |
| | 2239 | 1.0 | 30 |
| **8** Tu | 0332 | 3.9 | 120 |
| | 1036 | 1.0 | 30 |
| | 1604 | 4.6 | 140 |
| | 2332 | 1.6 | 50 |
| **9** W | 0400 | 3.6 | 110 |
| | 1126 | 1.3 | 40 |
| | 1645 | 4.3 | 130 |
| **10** Th | 0038 | 2.0 | 60 |
| | 0432 | 3.6 | 110 |
| | 1234 | 1.3 | 40 |
| | 1724 | 3.6 | 110 |
| | 2051* | 3.0 | 90 |
| **11** F | 0153 | 2.6 | 80 |
| | 0504 | 3.3 | 100 |
| | 0928 | 2.0 | 60 |
| | 1102 | 2.0 | 60 |
| | 1353* | 1.6 | 50 |
| **12** Sa ◐ | 0304 | 2.6 | 80 |
| | 0554 | 3.0 | 90 |
| | 0951 | 2.0 | 60 |
| | 1154 | 2.3 | 70 |
| | 1509 | 1.6 | 50 |
| **13** Su | 0021 | 3.6 | 110 |
| | 0417 | 2.6 | 80 |
| | 0658 | 3.0 | 90 |
| | 1011 | 2.3 | 70 |
| | 1215* | 2.6 | 80 |
| **14** M | 0056 | 3.6 | 110 |
| | 0519 | 2.3 | 70 |
| | 0909 | 3.0 | 90 |
| | 1051 | 3.0 | 90 |
| | 1221* | 3.0 | 90 |
| **15** Tu | 0109 | 3.6 | 110 |
| | 0608 | 2.0 | 60 |
| | 1130 | 3.3 | 100 |
| | 1834 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0054 | 3.6 | 110 |
| | 0651 | 1.6 | 50 |
| | 1206 | 3.6 | 110 |
| | 1917 | 1.0 | 30 |
| **17** Th | 0053 | 3.6 | 110 |
| | 0726 | 1.3 | 40 |
| | 1245 | 4.3 | 130 |
| | 1958 | 1.0 | 30 |
| **18** F | 0109 | 3.9 | 120 |
| | 0800 | 1.3 | 40 |
| | 1321 | 4.6 | 140 |
| | 2036 | 1.0 | 30 |
| **19** Sa | 0141 | 4.3 | 130 |
| | 0832 | 1.0 | 30 |
| | 1400 | 4.6 | 140 |
| | 2106 | 1.0 | 30 |
| **20** Su ○ | 0209 | 4.3 | 130 |
| | 0900 | 1.0 | 30 |
| | 1438 | 4.6 | 140 |
| | 2138 | 1.3 | 40 |
| **21** M | 0247 | 4.3 | 130 |
| | 0928 | 1.0 | 30 |
| | 1511 | 4.6 | 140 |
| | 2204 | 1.6 | 50 |
| **22** Tu | 0315 | 3.9 | 120 |
| | 0954 | 1.0 | 30 |
| | 1549 | 4.3 | 130 |
| | 2232 | 1.6 | 50 |
| **23** W | 0349 | 3.9 | 120 |
| | 1026 | 1.0 | 30 |
| | 1619 | 3.9 | 120 |
| | 2308 | 2.0 | 60 |
| **24** Th | 0413 | 3.6 | 110 |
| | 1102 | 1.3 | 40 |
| | 1656 | 3.9 | 120 |
| **25** F | 0006 | 2.3 | 70 |
| | 0445 | 3.3 | 100 |
| | 1154 | 1.6 | 50 |
| | 1732 | 3.6 | 110 |
| | 2256 | 2.6 | 80 |
| **26** Sa | 0126 | 2.6 | 80 |
| | 0513 | 3.3 | 100 |
| | 1309 | 1.6 | 50 |
| | 1815 | 3.3 | 100 |
| | 2124* | 3.0 | 90 |
| **27** Su | 0245 | 2.6 | 80 |
| | 0600 | 3.0 | 90 |
| | 1428 | 1.6 | 50 |
| | 1938 | 3.0 | 90 |
| | 2100* | 3.0 | 90 |
| **28** M ◑ | 0353 | 2.3 | 70 |
| | 0706 | 3.0 | 90 |
| | 1543 | 1.6 | 50 |
| **29** Tu | 0000 | 3.3 | 100 |
| | 0447 | 2.0 | 60 |
| | 0945 | 3.0 | 90 |
| | 1649 | 1.3 | 40 |
| **30** W | 0013 | 3.6 | 110 |
| | 0532 | 2.0 | 60 |
| | 1130 | 3.3 | 100 |
| | 1743 | 1.0 | 30 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0028 | 3.6 | 110 |
| | 0611 | 1.6 | 50 |
| | 1209 | 3.6 | 110 |
| | 1834 | 0.7 | 20 |
| **2** F | 0047 | 3.9 | 120 |
| | 0654 | 1.3 | 40 |
| | 1249 | 4.3 | 130 |
| | 1919 | 0.7 | 20 |
| **3** Sa | 0109 | 3.9 | 120 |
| | 0732 | 1.0 | 30 |
| | 1324 | 4.6 | 140 |
| | 2004 | 0.7 | 20 |
| **4** Su | 0138 | 3.9 | 120 |
| | 0811 | 0.7 | 20 |
| | 1404 | 4.6 | 140 |
| | 2053 | 0.7 | 20 |
| **5** M ● | 0204 | 3.9 | 120 |
| | 0856 | 0.7 | 20 |
| | 1443 | 4.6 | 140 |
| | 2141 | 1.0 | 30 |
| **6** Tu | 0234 | 3.9 | 120 |
| | 0941 | 0.7 | 20 |
| | 1519 | 4.6 | 140 |
| | 2232 | 1.3 | 40 |
| **7** W | 0304 | 3.6 | 110 |
| | 1032 | 0.7 | 20 |
| | 1600 | 4.3 | 130 |
| | 2326 | 2.0 | 60 |
| **8** Th | 0339 | 3.6 | 110 |
| | 1126 | 1.0 | 30 |
| | 1643 | 3.9 | 120 |
| **9** F | 0026 | 2.3 | 70 |
| | 0411 | 3.3 | 100 |
| | 1228 | 1.0 | 30 |
| | 1726 | 3.3 | 100 |
| | 2021* | 3.0 | 90 |
| **10** Sa | 0134 | 2.3 | 70 |
| | 0458 | 3.3 | 100 |
| | 1338 | 1.3 | 40 |
| | 1823 | 3.0 | 90 |
| | 2024* | 3.0 | 90 |
| **11** Su | 0239 | 2.3 | 70 |
| | 0553 | 3.0 | 90 |
| | 1449 | 1.3 | 40 |
| | 2356 | 3.3 | 100 |
| **12** M ◐ | 0341 | 2.3 | 70 |
| | 0700 | 3.0 | 90 |
| | 1558 | 1.3 | 40 |
| **13** Tu | 0026 | 3.0 | 90 |
| | 0436 | 2.3 | 70 |
| | 0830 | 3.0 | 90 |
| | 1702 | 1.3 | 40 |
| **14** W | 0021 | 3.0 | 90 |
| | 0523 | 2.0 | 60 |
| | 1008 | 3.3 | 100 |
| | 1800 | 1.3 | 40 |
| | 2332 | 3.3 | 100 |
| **15** Th | 0608 | 1.6 | 50 |
| | 1119 | 3.6 | 110 |
| | 1851 | 1.3 | 40 |
| | 2358 | 3.3 | 100 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0651 | 1.3 | 40 |
| | 1213 | 3.6 | 110 |
| | 1934 | 1.3 | 40 |
| **17** Sa | 0032 | 3.6 | 110 |
| | 0728 | 1.0 | 30 |
| | 1300 | 3.9 | 120 |
| | 2008 | 1.3 | 40 |
| **18** Su | 0106 | 3.9 | 120 |
| | 0804 | 0.7 | 20 |
| | 1343 | 4.3 | 130 |
| | 2043 | 1.3 | 40 |
| **19** M ○ | 0147 | 3.9 | 120 |
| | 0838 | 0.7 | 20 |
| | 1421 | 4.3 | 130 |
| | 2113 | 1.3 | 40 |
| **20** Tu | 0219 | 3.9 | 120 |
| | 0911 | 0.7 | 20 |
| | 1500 | 4.3 | 130 |
| | 2145 | 1.6 | 50 |
| **21** W | 0254 | 3.9 | 120 |
| | 0945 | 0.7 | 20 |
| | 1536 | 3.9 | 120 |
| | 2221 | 1.6 | 50 |
| **22** Th | 0324 | 3.6 | 110 |
| | 1023 | 0.7 | 20 |
| | 1608 | 3.9 | 120 |
| | 2300 | 2.0 | 60 |
| **23** F | 0358 | 3.6 | 110 |
| | 1102 | 1.0 | 30 |
| | 1647 | 3.6 | 110 |
| | 2354 | 2.0 | 60 |
| **24** Sa | 0430 | 3.3 | 100 |
| | 1151 | 1.0 | 30 |
| | 1721 | 3.6 | 110 |
| **25** Su | 0054 | 2.0 | 60 |
| | 0506 | 3.3 | 100 |
| | 1249 | 1.0 | 30 |
| | 1808 | 3.3 | 100 |
| **26** M | 0158 | 2.0 | 60 |
| | 0556 | 3.0 | 90 |
| | 1353 | 1.3 | 40 |
| | 1906 | 3.0 | 90 |
| **27** Tu ◑ | 0258 | 2.0 | 60 |
| | 0656 | 3.0 | 90 |
| | 1458 | 1.0 | 30 |
| | 2032 | 3.0 | 90 |
| **28** W | 0354 | 2.0 | 60 |
| | 0813 | 3.0 | 90 |
| | 1602 | 1.0 | 30 |
| | 2239 | 3.0 | 90 |
| **29** Th | 0447 | 1.6 | 50 |
| | 0956 | 3.3 | 100 |
| | 1704 | 1.0 | 30 |
| | 2324 | 3.3 | 100 |
| **30** F | 0532 | 1.3 | 40 |
| | 1121 | 3.3 | 100 |
| | 1804 | 1.0 | 30 |
| | 2358 | 3.3 | 100 |
| **31** Sa | 0619 | 1.0 | 30 |
| | 1223 | 3.6 | 110 |
| | 1900 | 0.7 | 20 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0032 | 3.3 | 100 |
| | 0706 | 0.7 | 20 |
| | 1313 | 3.9 | 120 |
| | 1953 | 1.0 | 30 |
| **2** M | 0104 | 3.3 | 100 |
| | 0756 | 0.7 | 20 |
| | 1402 | 4.3 | 130 |
| | 2045 | 1.0 | 30 |
| **3** Tu ● | 0139 | 3.3 | 100 |
| | 0847 | 0.3 | 10 |
| | 1447 | 4.3 | 130 |
| | 2136 | 1.3 | 40 |
| **4** W | 0213 | 3.3 | 100 |
| | 0938 | 0.3 | 10 |
| | 1526 | 3.9 | 120 |
| | 2224 | 1.3 | 40 |
| **5** Th | 0253 | 3.3 | 100 |
| | 1030 | 0.3 | 10 |
| | 1608 | 3.9 | 120 |
| | 2313 | 1.6 | 50 |
| **6** F | 0328 | 3.3 | 100 |
| | 1121 | 0.3 | 10 |
| | 1649 | 3.6 | 110 |
| **7** Sa | 0006 | 2.0 | 60 |
| | 0409 | 3.3 | 100 |
| | 1213 | 0.7 | 20 |
| | 1724 | 3.3 | 100 |
| **8** Su | 0100 | 2.0 | 60 |
| | 0458 | 3.3 | 100 |
| | 1309 | 0.7 | 20 |
| | 1806 | 3.0 | 90 |
| | 2119 | 2.6 | 80 |
| **9** M | 0154 | 2.0 | 60 |
| | 0549 | 3.3 | 100 |
| | 1408 | 1.0 | 30 |
| | 1856 | 3.0 | 90 |
| | 2158* | 2.3 | 70 |
| **10** Tu ◐ | 0251 | 2.0 | 60 |
| | 0645 | 3.3 | 100 |
| | 1511 | 1.3 | 40 |
| | 1951 | 2.6 | 80 |
| | 2258 | 2.3 | 70 |
| **11** W | 0006 | 2.3 | 70 |
| | 0345 | 2.0 | 60 |
| | 0753 | 3.0 | 90 |
| | 1619 | 1.3 | 40 |
| | 2056 | 2.6 | 80 |
| **12** Th | 0439 | 1.6 | 50 |
| | 0908 | 3.0 | 90 |
| | 1724 | 1.6 | 50 |
| | 2204 | 2.6 | 80 |
| **13** F | 0530 | 1.3 | 40 |
| | 1038 | 3.0 | 90 |
| | 1821 | 1.6 | 50 |
| | 2306 | 3.0 | 90 |
| **14** Sa | 0617 | 1.0 | 30 |
| | 1153 | 3.3 | 100 |
| | 1908 | 1.3 | 40 |
| | 2358 | 3.3 | 100 |
| **15** Su | 0700 | 1.0 | 30 |
| | 1251 | 3.6 | 110 |
| | 1949 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0045 | 3.3 | 100 |
| | 0743 | 0.7 | 20 |
| | 1338 | 3.6 | 110 |
| | 2023 | 1.3 | 40 |
| **17** Tu | 0124 | 3.6 | 110 |
| | 0819 | 0.3 | 10 |
| | 1417 | 3.6 | 110 |
| | 2056 | 1.3 | 40 |
| **18** W ○ | 0202 | 3.6 | 110 |
| | 0856 | 0.3 | 10 |
| | 1456 | 3.9 | 120 |
| | 2130 | 1.3 | 40 |
| **19** Th | 0241 | 3.6 | 110 |
| | 0932 | 0.3 | 10 |
| | 1530 | 3.9 | 120 |
| | 2204 | 1.3 | 40 |
| **20** F | 0311 | 3.6 | 110 |
| | 1009 | 0.3 | 10 |
| | 1602 | 3.9 | 120 |
| | 2245 | 1.3 | 40 |
| **21** Sa | 0349 | 3.6 | 110 |
| | 1051 | 0.3 | 10 |
| | 1638 | 3.6 | 110 |
| | 2328 | 1.6 | 50 |
| **22** Su | 0421 | 3.6 | 110 |
| | 1134 | 0.3 | 10 |
| | 1709 | 3.6 | 110 |
| **23** M | 0015 | 1.6 | 50 |
| | 0500 | 3.3 | 100 |
| | 1221 | 0.7 | 20 |
| | 1751 | 3.3 | 100 |
| **24** Tu | 0108 | 1.6 | 50 |
| | 0545 | 3.3 | 100 |
| | 1315 | 0.7 | 20 |
| | 1832 | 3.3 | 100 |
| **25** W | 0202 | 1.6 | 50 |
| | 0632 | 3.3 | 100 |
| | 1415 | 1.0 | 30 |
| | 1917 | 3.0 | 90 |
| **26** Th ◑ | 0300 | 1.6 | 50 |
| | 0730 | 3.0 | 90 |
| | 1523 | 1.0 | 30 |
| | 2015 | 3.0 | 90 |
| **27** F | 0358 | 1.3 | 40 |
| | 0845 | 3.0 | 90 |
| | 1636 | 1.0 | 30 |
| | 2126 | 2.6 | 80 |
| **28** Sa | 0458 | 1.3 | 40 |
| | 1028 | 3.0 | 90 |
| | 1745 | 1.3 | 40 |
| | 2253 | 2.6 | 80 |
| **29** Su | 0556 | 1.0 | 30 |
| | 1238 | 3.3 | 100 |
| | 1851 | 1.3 | 40 |
| **30** M | 0002 | 2.6 | 80 |
| | 0654 | 0.7 | 20 |
| | 1343 | 3.6 | 110 |
| | 1949 | 1.3 | 40 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
* See Page 308 for the remaining tides on this day.

# Rio de Janeiro, Brazil, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0051 | 3.0 | 90 |
| | 0751 | 0.3 | 10 |
| | 1430 | 3.9 | 120 |
| | 2041 | 1.3 | 40 |
| **2** W | 0130 | 3.0 | 90 |
| | 0843 | 0.0 | 0 |
| | 1508 | 3.9 | 120 |
| ● | 2126 | 1.3 | 40 |
| **3** Th | 0208 | 3.3 | 100 |
| | 0934 | 0.0 | 0 |
| | 1538 | 3.9 | 120 |
| | 2209 | 1.3 | 40 |
| **4** F | 0249 | 3.6 | 110 |
| | 1019 | 0.0 | 0 |
| | 1606 | 3.6 | 110 |
| | 2254 | 1.3 | 40 |
| **5** Sa | 0324 | 3.6 | 110 |
| | 1106 | 0.0 | 0 |
| | 1634 | 3.6 | 110 |
| | 2336 | 1.6 | 50 |
| **6** Su | 0404 | 3.6 | 110 |
| | 1153 | 0.3 | 10 |
| | 1702 | 3.3 | 100 |
| **7** M | 0013 | 1.6 | 50 |
| | 0449 | 3.6 | 110 |
| | 1239 | 0.7 | 20 |
| | 1736 | 3.3 | 100 |
| **8** Tu | 0058 | 1.6 | 50 |
| | 0530 | 3.6 | 110 |
| | 1328 | 1.0 | 30 |
| | 1808 | 3.0 | 90 |
| | 2351 | 2.0 | 60 |
| **9** W | 0149 | 1.6 | 50 |
| | 0615 | 3.3 | 100 |
| | 1424 | 1.3 | 40 |
| | 1853 | 3.0 | 90 |
| | 2304 | 1.6 | 50 |
| **10** Th | 0045 | 1.6 | 50 |
| | 0247 | 1.6 | 50 |
| | 0709 | 3.0 | 90 |
| ◐ | 1256 | 2.0 | 60 |
| | 1536* | 1.6 | 50 |
| **11** F | 0053 | 1.6 | 50 |
| | 0351 | 1.6 | 50 |
| | 0817 | 2.6 | 80 |
| | 1211 | 2.0 | 60 |
| | 1330* | 2.3 | 70 |
| **12** Sa | 0453 | 1.3 | 40 |
| | 0954 | 2.6 | 80 |
| | 1758 | 1.6 | 50 |
| | 2211 | 2.6 | 80 |
| **13** Su | 0551 | 1.0 | 30 |
| | 1158 | 3.0 | 90 |
| | 1853 | 1.6 | 50 |
| | 2334 | 2.6 | 80 |
| **14** M | 0639 | 0.7 | 20 |
| | 1304 | 3.0 | 90 |
| | 1932 | 1.6 | 50 |
| **15** Tu | 0032 | 3.0 | 90 |
| | 0721 | 0.7 | 20 |
| | 1345 | 3.3 | 100 |
| | 2004 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0117 | 3.3 | 100 |
| | 0800 | 0.3 | 10 |
| | 1419 | 3.6 | 110 |
| | 2038 | 1.3 | 40 |
| **17** Th | 0156 | 3.6 | 110 |
| | 0838 | 0.0 | 0 |
| | 1453 | 3.9 | 120 |
| | 2108 | 1.0 | 30 |
| **18** F | 0230 | 3.6 | 110 |
| | 0913 | 0.0 | 0 |
| | 1521 | 3.9 | 120 |
| ○ | 2145 | 1.0 | 30 |
| **19** Sa | 0302 | 3.6 | 110 |
| | 0953 | 0.0 | 0 |
| | 1551 | 3.9 | 120 |
| | 2219 | 1.0 | 30 |
| **20** Su | 0336 | 3.6 | 110 |
| | 1032 | 0.0 | 0 |
| | 1617 | 3.9 | 120 |
| | 2256 | 1.0 | 30 |
| **21** M | 0408 | 3.9 | 120 |
| | 1111 | 0.0 | 0 |
| | 1649 | 3.9 | 120 |
| | 2338 | 1.3 | 40 |
| **22** Tu | 0447 | 3.6 | 110 |
| | 1154 | 0.3 | 10 |
| | 1717 | 3.6 | 110 |
| **23** W | 0019 | 1.3 | 40 |
| | 0521 | 3.6 | 110 |
| | 1245 | 0.7 | 20 |
| | 1754 | 3.3 | 100 |
| **24** Th | 0109 | 1.3 | 40 |
| | 0604 | 3.6 | 110 |
| | 1343 | 1.0 | 30 |
| | 1830 | 3.0 | 90 |
| **25** F | 0209 | 1.3 | 40 |
| | 0656 | 3.3 | 100 |
| | 1454 | 1.3 | 40 |
| ◑ | 1909 | 2.6 | 80 |
| **26** Sa | 0319 | 1.3 | 40 |
| | 0758 | 3.0 | 90 |
| | 1609 | 1.6 | 50 |
| | 2002 | 2.6 | 80 |
| **27** Su | 0434 | 1.3 | 40 |
| | 1258 | 3.0 | 90 |
| | 1736 | 1.6 | 50 |
| | 2123 | 2.3 | 70 |
| **28** M | 0543 | 1.0 | 30 |
| | 1345 | 3.3 | 100 |
| | 1849 | 1.6 | 50 |
| **29** Tu | 0038 | 2.3 | 70 |
| | 0649 | 0.7 | 20 |
| | 1419 | 3.6 | 110 |
| | 1945 | 1.3 | 40 |
| **30** W | 0106 | 2.6 | 80 |
| | 0745 | 0.0 | 0 |
| | 1447 | 3.9 | 120 |
| | 2030 | 1.3 | 40 |
| **31** Th | 0134 | 3.3 | 100 |
| | 0836 | 0.0 | 0 |
| | 1506 | 3.9 | 120 |
| | 2108 | 1.0 | 30 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0204 | 3.6 | 110 |
| | 0919 | −0.3 | −10 |
| | 1521 | 3.9 | 120 |
| ● | 2147 | 1.0 | 30 |
| **2** Sa | 0239 | 3.9 | 120 |
| | 1002 | −0.3 | −10 |
| | 1541 | 3.9 | 120 |
| | 2221 | 1.0 | 30 |
| **3** Su | 0311 | 3.9 | 120 |
| | 1045 | 0.0 | 0 |
| | 1602 | 3.6 | 110 |
| | 2254 | 1.3 | 40 |
| **4** M | 0353 | 3.9 | 120 |
| | 1123 | 0.3 | 10 |
| | 1630 | 3.6 | 110 |
| | 2324 | 1.3 | 40 |
| **5** Tu | 0428 | 3.9 | 120 |
| | 1200 | 0.7 | 20 |
| | 1700 | 3.3 | 100 |
| | 2338 | 1.3 | 40 |
| **6** W | 0506 | 3.9 | 120 |
| | 1239 | 1.3 | 40 |
| | 1732 | 3.3 | 100 |
| | 2213 | 1.3 | 40 |
| **7** Th | 0553 | 3.6 | 110 |
| | 1038 | 1.6 | 50 |
| | 1804 | 3.0 | 90 |
| | 2241 | 1.3 | 40 |
| **8** F | 0639 | 3.0 | 90 |
| | 1051 | 1.6 | 50 |
| | 1323 | 2.0 | 60 |
| ◐ | 1439 | 2.0 | 60 |
| | 1845* | 2.6 | 80 |
| **9** Sa | 0106 | 1.6 | 50 |
| | 0256 | 1.6 | 50 |
| | 0736 | 2.6 | 80 |
| | 1106 | 2.0 | 60 |
| | 1351* | 2.3 | 70 |
| **10** Su | 0411 | 1.3 | 40 |
| | 0908 | 2.3 | 70 |
| | 1104 | 2.3 | 70 |
| | 1347 | 2.6 | 80 |
| | 1736* | 2.0 | 60 |
| **11** M | 0517 | 1.3 | 40 |
| | 1323 | 2.6 | 80 |
| | 1834 | 2.0 | 60 |
| | 2338 | 2.6 | 80 |
| **12** Tu | 0611 | 1.0 | 30 |
| | 1326 | 3.0 | 90 |
| | 1911 | 1.6 | 50 |
| **13** W | 0036 | 3.0 | 90 |
| | 0656 | 0.7 | 20 |
| | 1349 | 3.3 | 100 |
| | 1945 | 1.3 | 40 |
| **14** Th | 0111 | 3.3 | 100 |
| | 0736 | 0.3 | 10 |
| | 1411 | 3.6 | 110 |
| | 2013 | 1.3 | 40 |
| **15** F | 0147 | 3.6 | 110 |
| | 0813 | 0.0 | 0 |
| | 1438 | 3.9 | 120 |
| | 2045 | 1.0 | 30 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0215 | 3.9 | 120 |
| | 0853 | −0.3 | −10 |
| | 1500 | 3.9 | 120 |
| ○ | 2115 | 0.7 | 20 |
| **17** Su | 0247 | 3.9 | 120 |
| | 0930 | −0.3 | −10 |
| | 1524 | 4.3 | 130 |
| | 2151 | 0.7 | 20 |
| **18** M | 0315 | 4.3 | 130 |
| | 1008 | −0.3 | −10 |
| | 1553 | 4.3 | 130 |
| | 2224 | 0.7 | 20 |
| **19** Tu | 0351 | 4.3 | 130 |
| | 1049 | 0.0 | 0 |
| | 1615 | 3.9 | 120 |
| | 2258 | 1.0 | 30 |
| **20** W | 0423 | 4.3 | 130 |
| | 1132 | 0.3 | 10 |
| | 1649 | 3.9 | 120 |
| | 2336 | 1.0 | 30 |
| **21** Th | 0500 | 3.9 | 120 |
| | 1217 | 0.7 | 20 |
| | 1713 | 3.6 | 110 |
| **22** F | 0024 | 1.3 | 40 |
| | 0543 | 3.6 | 110 |
| | 1317 | 1.3 | 40 |
| | 1751 | 3.3 | 100 |
| **23** Sa | 0136 | 1.3 | 40 |
| | 0624 | 3.3 | 100 |
| | 1436 | 1.6 | 50 |
| ◑ | 1821 | 3.0 | 90 |
| | 2236 | 1.6 | 50 |
| **24** Su | 0009 | 1.6 | 50 |
| | 0258 | 1.3 | 40 |
| | 0724 | 3.0 | 90 |
| | 1006 | 2.3 | 70 |
| | 1228* | 2.6 | 80 |
| **25** M | 0047 | 2.0 | 60 |
| | 0417 | 1.3 | 40 |
| | 1309 | 3.3 | 100 |
| | 1736 | 2.0 | 60 |
| | 2019* | 2.3 | 70 |
| **26** Tu | 0058 | 2.3 | 70 |
| | 0536 | 1.0 | 30 |
| | 1347 | 3.6 | 110 |
| | 1847 | 1.6 | 50 |
| **27** W | 0102 | 2.6 | 80 |
| | 0639 | 0.3 | 10 |
| | 1409 | 3.6 | 110 |
| | 1930 | 1.3 | 40 |
| **28** Th | 0104 | 3.0 | 90 |
| | 0732 | 0.0 | 0 |
| | 1426 | 3.9 | 120 |
| | 2006 | 1.3 | 40 |
| **29** F | 0121 | 3.3 | 100 |
| | 0817 | 0.0 | 0 |
| | 1434 | 3.9 | 120 |
| | 2043 | 1.0 | 30 |
| **30** Sa | 0149 | 3.9 | 120 |
| | 0900 | −0.3 | −10 |
| | 1445 | 3.9 | 120 |
| ● | 2113 | 1.0 | 30 |
| **31** Su | 0219 | 4.3 | 130 |
| | 0941 | 0.0 | 0 |
| | 1504 | 3.9 | 120 |
| | 2147 | 1.0 | 30 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0256 | 4.3 | 130 |
| | 1017 | 0.3 | 10 |
| | 1528 | 3.9 | 120 |
| | 2213 | 1.0 | 30 |
| **2** Tu | 0330 | 4.3 | 130 |
| | 1053 | 0.7 | 20 |
| | 1558 | 3.9 | 120 |
| | 2234 | 1.0 | 30 |
| **3** W | 0406 | 4.3 | 130 |
| | 1126 | 1.0 | 30 |
| | 1624 | 3.6 | 110 |
| | 2151 | 1.0 | 30 |
| **4** Th | 0447 | 3.9 | 120 |
| | 1136 | 1.3 | 40 |
| | 1658 | 3.6 | 110 |
| | 2156 | 1.0 | 30 |
| **5** F | 0523 | 3.6 | 110 |
| | 1002 | 1.6 | 50 |
| | 1726 | 3.3 | 100 |
| | 2219 | 1.3 | 40 |
| **6** Sa | 0606 | 3.3 | 100 |
| | 1011 | 2.0 | 60 |
| | 1800 | 3.0 | 90 |
| | 2256 | 1.6 | 50 |
| **7** Su | 0100 | 1.6 | 50 |
| | 0700 | 2.6 | 80 |
| | 1021 | 2.3 | 70 |
| ◐ | 1321 | 2.3 | 70 |
| | 1523* | 2.3 | 70 |
| **8** M | 0334 | 1.6 | 50 |
| | 0951 | 2.3 | 70 |
| | 1309 | 2.6 | 80 |
| | 1702 | 2.3 | 70 |
| | 1939 | 2.3 | 70 |
| **9** Tu | 0443 | 1.3 | 40 |
| | 1304 | 3.0 | 90 |
| | 1809 | 2.0 | 60 |
| | 2353 | 2.6 | 80 |
| **10** W | 0539 | 1.0 | 30 |
| | 1311 | 3.3 | 100 |
| | 1847 | 1.6 | 50 |
| **11** Th | 0028 | 3.0 | 90 |
| | 0624 | 0.7 | 20 |
| | 1328 | 3.6 | 110 |
| | 1913 | 1.3 | 40 |
| **12** F | 0058 | 3.3 | 100 |
| | 0706 | 0.3 | 10 |
| | 1351 | 3.9 | 120 |
| | 1943 | 1.0 | 30 |
| **13** Sa | 0124 | 3.6 | 110 |
| | 0747 | 0.0 | 0 |
| | 1408 | 3.9 | 120 |
| | 2013 | 1.0 | 30 |
| **14** Su | 0154 | 3.9 | 120 |
| | 0826 | 0.0 | 0 |
| | 1430 | 4.3 | 130 |
| | 2047 | 0.7 | 20 |
| **15** M | 0221 | 4.3 | 130 |
| | 0906 | −0.3 | −10 |
| | 1454 | 4.3 | 130 |
| ○ | 2119 | 0.7 | 20 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0254 | 4.6 | 140 |
| | 0947 | 0.0 | 0 |
| | 1517 | 4.3 | 130 |
| | 2154 | 0.7 | 20 |
| **17** W | 0326 | 4.6 | 140 |
| | 1028 | 0.3 | 10 |
| | 1547 | 3.9 | 120 |
| | 2228 | 0.7 | 20 |
| **18** Th | 0402 | 4.3 | 130 |
| | 1111 | 0.7 | 20 |
| | 1611 | 3.9 | 120 |
| | 2306 | 0.7 | 20 |
| **19** F | 0441 | 3.9 | 120 |
| | 1202 | 1.3 | 40 |
| | 1645 | 3.6 | 110 |
| | 2356 | 1.0 | 30 |
| **20** Sa | 0521 | 3.6 | 110 |
| | 1306 | 1.6 | 50 |
| | 1711 | 3.3 | 100 |
| | 2202 | 1.3 | 40 |
| | 2304 | 1.3 | 40 |
| **21** Su | 0121 | 1.3 | 40 |
| | 0608 | 3.3 | 100 |
| | 0932 | 2.6 | 80 |
| | 1121 | 2.6 | 80 |
| | 1426* | 2.0 | 60 |
| **22** M | 0251 | 1.3 | 40 |
| | 0717 | 2.6 | 80 |
| | 0902 | 2.6 | 80 |
| ◑ | 1215 | 3.0 | 90 |
| | 1558* | 2.3 | 70 |
| **23** Tu | 0013 | 2.0 | 60 |
| | 0408 | 1.0 | 30 |
| | 1256 | 3.3 | 100 |
| | 1721 | 2.0 | 60 |
| | 2000* | 2.3 | 70 |
| **24** W | 0032 | 2.3 | 70 |
| | 0519 | 1.0 | 30 |
| | 1323 | 3.6 | 110 |
| | 1819 | 2.0 | 60 |
| **25** Th | 0030 | 2.6 | 80 |
| | 0619 | 0.7 | 20 |
| | 1343 | 3.6 | 110 |
| | 1902 | 1.6 | 50 |
| **26** F | 0032 | 3.3 | 100 |
| | 0709 | 0.3 | 10 |
| | 1345 | 3.6 | 110 |
| | 1938 | 1.3 | 40 |
| **27** Sa | 0054 | 3.6 | 110 |
| | 0754 | 0.0 | 0 |
| | 1349 | 3.6 | 110 |
| | 2008 | 1.0 | 30 |
| **28** Su | 0121 | 3.9 | 120 |
| | 0836 | 0.3 | 10 |
| | 1402 | 3.9 | 120 |
| | 2043 | 0.7 | 20 |
| **29** M | 0158 | 4.3 | 130 |
| | 0913 | 0.3 | 10 |
| | 1424 | 3.9 | 120 |
| ● | 2113 | 0.7 | 20 |
| **30** Tu | 0232 | 4.3 | 130 |
| | 0953 | 0.7 | 20 |
| | 1456 | 3.9 | 120 |
| | 2141 | 0.7 | 20 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
* See Page 308 for the remaining tides on this day.

# Rio de Janeiro, Brazil, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0308 | 4.3 | 130 |
| | 1026 | 1.0 | 30 |
| | 1524 | 3.9 | 120 |
| | 2204 | 0.7 | 20 |
| **2** Th | 0349 | 4.3 | 130 |
| | 1056 | 1.3 | 40 |
| | 1558 | 3.9 | 120 |
| | 2213 | 1.0 | 30 |
| **3** F | 0424 | 3.9 | 120 |
| | 1121 | 1.6 | 50 |
| | 1628 | 3.6 | 110 |
| | 2204 | 1.0 | 30 |
| **4** Sa | 0504 | 3.6 | 110 |
| | 0945 | 2.0 | 60 |
| | 1700 | 3.3 | 100 |
| | 2223 | 1.3 | 40 |
| **5** Su | 0549 | 3.3 | 100 |
| | 0956 | 2.0 | 60 |
| | 1728 | 3.0 | 90 |
| **6** M | 0124 | 1.3 | 40 |
| | 0639 | 2.6 | 80 |
| | 0958 | 2.3 | 70 |
| | 1221 | 2.6 | 80 |
| | 1443* | 2.3 | 70 |
| **7** Tu ◐ | 0251 | 1.3 | 40 |
| | 0815 | 2.6 | 80 |
| | 1215 | 2.6 | 80 |
| | 1606 | 2.3 | 70 |
| | 1854 | 2.6 | 80 |
| **8** W | 0358 | 1.3 | 40 |
| | 1223 | 3.0 | 90 |
| | 1715 | 2.0 | 60 |
| | 2326 | 2.6 | 80 |
| **9** Th | 0458 | 1.0 | 30 |
| | 1239 | 3.3 | 100 |
| | 1800 | 1.6 | 50 |
| **10** F | 0000 | 3.0 | 90 |
| | 0549 | 0.7 | 20 |
| | 1256 | 3.6 | 110 |
| | 1834 | 1.3 | 40 |
| **11** Sa | 0026 | 3.3 | 100 |
| | 0634 | 0.3 | 10 |
| | 1313 | 3.6 | 110 |
| | 1906 | 1.0 | 30 |
| **12** Su | 0056 | 3.9 | 120 |
| | 0717 | 0.0 | 0 |
| | 1334 | 3.9 | 120 |
| | 1943 | 0.7 | 20 |
| **13** M | 0124 | 4.3 | 130 |
| | 0800 | 0.0 | 0 |
| | 1354 | 3.9 | 120 |
| | 2017 | 0.3 | 10 |
| **14** Tu ○ | 0158 | 4.3 | 130 |
| | 0845 | 0.0 | 0 |
| | 1419 | 3.9 | 120 |
| | 2054 | 0.3 | 10 |
| **15** W | 0232 | 4.6 | 140 |
| | 0928 | 0.3 | 10 |
| | 1449 | 3.9 | 120 |
| | 2132 | 0.3 | 10 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0308 | 4.6 | 140 |
| | 1013 | 0.7 | 20 |
| | 1513 | 3.9 | 120 |
| | 2211 | 0.3 | 10 |
| **17** F | 0349 | 4.3 | 130 |
| | 1104 | 1.0 | 30 |
| | 1549 | 3.6 | 110 |
| | 2258 | 0.7 | 20 |
| **18** Sa | 0428 | 3.9 | 120 |
| | 1200 | 1.6 | 50 |
| | 1615 | 3.3 | 100 |
| **19** Su | 0002 | 1.0 | 30 |
| | 0513 | 3.3 | 100 |
| | 1304 | 2.0 | 60 |
| | 1654 | 3.3 | 100 |
| **20** M | 0117 | 1.0 | 30 |
| | 0609 | 3.0 | 90 |
| | 0849 | 2.6 | 80 |
| | 1056 | 3.0 | 90 |
| | 1415* | 2.3 | 70 |
| **21** Tu ◑ | 0238 | 1.0 | 30 |
| | 1151 | 3.0 | 90 |
| | 1536 | 2.3 | 70 |
| | 1823 | 2.6 | 80 |
| | 2209* | 2.0 | 60 |
| **22** W | 0353 | 1.0 | 30 |
| | 1226 | 3.3 | 100 |
| | 1647 | 2.0 | 60 |
| | 2006 | 2.6 | 80 |
| **23** Th | 0456 | 0.7 | 20 |
| | 1254 | 3.3 | 100 |
| | 1741 | 1.6 | 50 |
| | 2319 | 3.0 | 90 |
| **24** F | 0554 | 0.7 | 20 |
| | 1258 | 3.3 | 100 |
| | 1821 | 1.6 | 50 |
| | 2345 | 3.3 | 100 |
| **25** Sa | 0645 | 0.7 | 20 |
| | 1247 | 3.3 | 100 |
| | 1900 | 1.0 | 30 |
| **26** Su | 0019 | 3.6 | 110 |
| | 0728 | 0.7 | 20 |
| | 1258 | 3.3 | 100 |
| | 1939 | 1.0 | 30 |
| **27** M | 0056 | 3.9 | 120 |
| | 0809 | 0.7 | 20 |
| | 1321 | 3.6 | 110 |
| | 2013 | 0.7 | 20 |
| **28** Tu ● | 0134 | 4.3 | 130 |
| | 0853 | 0.7 | 20 |
| | 1354 | 3.9 | 120 |
| | 2049 | 0.7 | 20 |
| **29** W | 0211 | 4.3 | 130 |
| | 0930 | 1.0 | 30 |
| | 1426 | 3.9 | 120 |
| | 2123 | 0.3 | 10 |
| **30** Th | 0254 | 4.3 | 130 |
| | 1004 | 1.3 | 40 |
| | 1500 | 3.9 | 120 |
| | 2151 | 0.7 | 20 |
| **31** F | 0332 | 3.9 | 120 |
| | 1039 | 1.3 | 40 |
| | 1538 | 3.6 | 110 |
| | 2223 | 0.7 | 20 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0409 | 3.6 | 110 |
| | 1111 | 1.6 | 50 |
| | 1608 | 3.6 | 110 |
| | 2249 | 1.0 | 30 |
| **2** Su | 0454 | 3.3 | 100 |
| | 1147 | 2.0 | 60 |
| | 1641 | 3.3 | 100 |
| | 2341 | 1.0 | 30 |
| **3** M | 0536 | 3.3 | 100 |
| | 1247 | 2.0 | 60 |
| | 1709 | 3.0 | 90 |
| **4** Tu | 0054 | 1.0 | 30 |
| | 0624 | 3.0 | 90 |
| | 1356 | 2.3 | 70 |
| | 1749 | 2.6 | 80 |
| **5** W | 0206 | 1.3 | 40 |
| | 0739 | 2.6 | 80 |
| | 1041 | 2.6 | 80 |
| | 1506 | 2.0 | 60 |
| | 1845 | 2.6 | 80 |
| **6** Th ◐ | 0311 | 1.0 | 30 |
| | 1123 | 3.0 | 90 |
| | 1609 | 2.0 | 60 |
| | 2043 | 2.6 | 80 |
| **7** F | 0411 | 1.0 | 30 |
| | 1151 | 3.0 | 90 |
| | 1704 | 1.6 | 50 |
| | 2300 | 3.0 | 90 |
| **8** Sa | 0506 | 0.7 | 20 |
| | 1209 | 3.3 | 100 |
| | 1751 | 1.3 | 40 |
| | 2343 | 3.3 | 100 |
| **9** Su | 0600 | 0.3 | 10 |
| | 1228 | 3.3 | 100 |
| | 1832 | 1.0 | 30 |
| **10** M | 0021 | 3.6 | 110 |
| | 0651 | 0.3 | 10 |
| | 1251 | 3.6 | 110 |
| | 1911 | 0.7 | 20 |
| **11** Tu | 0058 | 3.9 | 120 |
| | 0739 | 0.3 | 10 |
| | 1317 | 3.6 | 110 |
| | 1954 | 0.3 | 10 |
| **12** W | 0138 | 4.3 | 130 |
| | 0828 | 0.3 | 10 |
| | 1349 | 3.6 | 110 |
| | 2036 | 0.3 | 10 |
| **13** Th ○ | 0217 | 4.3 | 130 |
| | 0917 | 0.7 | 20 |
| | 1419 | 3.6 | 110 |
| | 2119 | 0.0 | 0 |
| **14** F | 0302 | 4.3 | 130 |
| | 1008 | 1.0 | 30 |
| | 1456 | 3.6 | 110 |
| | 2208 | 0.3 | 10 |
| **15** Sa | 0349 | 3.9 | 120 |
| | 1100 | 1.3 | 40 |
| | 1528 | 3.6 | 110 |
| | 2302 | 0.3 | 10 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0434 | 3.6 | 110 |
| | 1156 | 1.6 | 50 |
| | 1604 | 3.3 | 100 |
| **17** M | 0002 | 0.3 | 10 |
| | 0523 | 3.3 | 100 |
| | 1254 | 2.0 | 60 |
| | 1649 | 3.3 | 100 |
| **18** Tu | 0106 | 0.7 | 20 |
| | 0621 | 3.0 | 90 |
| | 0853 | 2.6 | 80 |
| | 0958 | 2.6 | 80 |
| | 1354* | 2.0 | 60 |
| **19** W ◑ | 0211 | 0.7 | 20 |
| | 1104 | 2.6 | 80 |
| | 1454 | 2.0 | 60 |
| | 1826 | 3.0 | 90 |
| **20** Th | 0317 | 1.0 | 30 |
| | 1154 | 2.6 | 80 |
| | 1554 | 2.0 | 60 |
| | 1947 | 2.6 | 80 |
| **21** F | 0421 | 1.0 | 30 |
| | 1215 | 2.6 | 80 |
| | 1653 | 1.6 | 50 |
| | 2124 | 3.0 | 90 |
| **22** Sa | 0519 | 1.0 | 30 |
| | 1119 | 2.6 | 80 |
| | 1743 | 1.3 | 40 |
| | 2251 | 3.0 | 90 |
| **23** Su | 0613 | 1.0 | 30 |
| | 1136 | 3.0 | 90 |
| | 1830 | 1.0 | 30 |
| | 2349 | 3.3 | 100 |
| **24** M | 0702 | 1.0 | 30 |
| | 1208 | 3.0 | 90 |
| | 1911 | 0.7 | 20 |
| **25** Tu | 0036 | 3.6 | 110 |
| | 0751 | 1.0 | 30 |
| | 1249 | 3.3 | 100 |
| | 1954 | 0.7 | 20 |
| **26** W | 0117 | 3.6 | 110 |
| | 0832 | 1.0 | 30 |
| | 1326 | 3.6 | 110 |
| | 2034 | 0.3 | 10 |
| **27** Th ● | 0200 | 3.9 | 120 |
| | 0909 | 1.0 | 30 |
| | 1406 | 3.6 | 110 |
| | 2108 | 0.3 | 10 |
| **28** F | 0245 | 3.9 | 120 |
| | 0949 | 1.3 | 40 |
| | 1447 | 3.6 | 110 |
| | 2143 | 0.3 | 10 |
| **29** Sa | 0323 | 3.6 | 110 |
| | 1023 | 1.3 | 40 |
| | 1521 | 3.6 | 110 |
| | 2215 | 0.3 | 10 |
| **30** Su | 0404 | 3.6 | 110 |
| | 1056 | 1.6 | 50 |
| | 1558 | 3.6 | 110 |
| | 2251 | 0.7 | 20 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0447 | 3.3 | 100 |
| | 1136 | 1.6 | 50 |
| | 1630 | 3.3 | 100 |
| | 2334 | 0.7 | 20 |
| **2** Tu | 0524 | 3.3 | 100 |
| | 1219 | 1.6 | 50 |
| | 1702 | 3.3 | 100 |
| **3** W | 0026 | 0.7 | 20 |
| | 0608 | 3.0 | 90 |
| | 1309 | 2.0 | 60 |
| | 1741 | 3.0 | 90 |
| **4** Th | 0128 | 1.0 | 30 |
| | 0658 | 3.0 | 90 |
| | 1409 | 2.0 | 60 |
| | 1826 | 3.0 | 90 |
| **5** F ◐ | 0230 | 1.0 | 30 |
| | 0758 | 3.0 | 90 |
| | 1509 | 1.6 | 50 |
| | 1934 | 2.6 | 80 |
| **6** Sa | 0332 | 0.7 | 20 |
| | 0911 | 2.6 | 80 |
| | 1608 | 1.6 | 50 |
| | 2104 | 3.0 | 90 |
| **7** Su | 0432 | 0.7 | 20 |
| | 1026 | 3.0 | 90 |
| | 1704 | 1.3 | 40 |
| | 2239 | 3.0 | 90 |
| **8** M | 0530 | 0.7 | 20 |
| | 1123 | 3.0 | 90 |
| | 1758 | 1.0 | 30 |
| | 2351 | 3.3 | 100 |
| **9** Tu | 0626 | 0.7 | 20 |
| | 1206 | 3.0 | 90 |
| | 1851 | 0.7 | 20 |
| **10** W | 0045 | 3.6 | 110 |
| | 0723 | 0.7 | 20 |
| | 1249 | 3.3 | 100 |
| | 1939 | 0.3 | 10 |
| **11** Th | 0136 | 3.9 | 120 |
| | 0819 | 0.7 | 20 |
| | 1326 | 3.3 | 100 |
| | 2026 | 0.0 | 0 |
| **12** F ○ | 0224 | 3.9 | 120 |
| | 0911 | 1.0 | 30 |
| | 1406 | 3.3 | 100 |
| | 2115 | 0.0 | 0 |
| **13** Sa | 0311 | 3.9 | 120 |
| | 1004 | 1.0 | 30 |
| | 1447 | 3.3 | 100 |
| | 2206 | 0.0 | 0 |
| **14** Su | 0400 | 3.6 | 110 |
| | 1054 | 1.3 | 40 |
| | 1523 | 3.6 | 110 |
| | 2258 | 0.0 | 0 |
| **15** M | 0443 | 3.6 | 110 |
| | 1143 | 1.6 | 50 |
| | 1602 | 3.6 | 110 |
| | 2353 | 0.0 | 0 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0521 | 3.3 | 100 |
| | 1224 | 1.6 | 50 |
| | 1645 | 3.6 | 110 |
| **17** W | 0049 | 0.3 | 10 |
| | 0602 | 3.0 | 90 |
| | 1309 | 1.6 | 50 |
| | 1724 | 3.3 | 100 |
| **18** Th | 0145 | 0.7 | 20 |
| | 0641 | 2.6 | 80 |
| | 1400 | 2.0 | 60 |
| | 1811 | 3.3 | 100 |
| **19** F ◑ | 0245 | 1.0 | 30 |
| | 0721 | 2.6 | 80 |
| | 1458 | 1.6 | 50 |
| | 1909 | 3.0 | 90 |
| **20** Sa | 0349 | 1.3 | 40 |
| | 0809 | 2.6 | 80 |
| | 1600 | 1.6 | 50 |
| | 2023 | 3.0 | 90 |
| **21** Su | 0451 | 1.3 | 40 |
| | 0909 | 2.6 | 80 |
| | 1702 | 1.3 | 40 |
| | 2156 | 3.0 | 90 |
| **22** M | 0551 | 1.3 | 40 |
| | 1021 | 2.6 | 80 |
| | 1802 | 1.0 | 30 |
| | 2323 | 3.0 | 90 |
| **23** Tu | 0647 | 1.3 | 40 |
| | 1126 | 3.0 | 90 |
| | 1854 | 0.7 | 20 |
| **24** W | 0026 | 3.3 | 100 |
| | 0736 | 1.3 | 40 |
| | 1223 | 3.3 | 100 |
| | 1939 | 0.7 | 20 |
| **25** Th | 0115 | 3.3 | 100 |
| | 0815 | 1.3 | 40 |
| | 1311 | 3.3 | 100 |
| | 2017 | 0.3 | 10 |
| **26** F | 0200 | 3.6 | 110 |
| | 0856 | 1.3 | 40 |
| | 1358 | 3.6 | 110 |
| | 2054 | 0.3 | 10 |
| **27** Sa ● | 0241 | 3.6 | 110 |
| | 0932 | 1.3 | 40 |
| | 1438 | 3.6 | 110 |
| | 2128 | 0.0 | 0 |
| **28** Su | 0319 | 3.6 | 110 |
| | 1002 | 1.3 | 40 |
| | 1511 | 3.6 | 110 |
| | 2200 | 0.0 | 0 |
| **29** M | 0358 | 3.6 | 110 |
| | 1036 | 1.3 | 40 |
| | 1549 | 3.6 | 110 |
| | 2236 | 0.3 | 10 |
| **30** Tu | 0434 | 3.6 | 110 |
| | 1108 | 1.3 | 40 |
| | 1617 | 3.6 | 110 |
| | 2313 | 0.3 | 10 |
| **31** W | 0506 | 3.6 | 110 |
| | 1147 | 1.3 | 40 |
| | 1653 | 3.6 | 110 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
* See Page 308 for the remaining tides on this day.

# Santos, Brazil, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height | | Time | Height | | Time | Height |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm | | h m | ft cm | | h m | ft cm |
| **1** Tu | 0226 | 1.6 50 | **16** W | 0253 | 1.6 50 | **1** F | 0421 | 2.6 80 | **16** Sa | 0100 | 4.3 130 |
| | 0741 | 3.0 90 | | 0743 | 3.0 90 | | 0645 | 2.6 80 | | 0808 | 2.3 70 |
| | 1521 | 2.0 60 | | 1500 | 2.3 70 | | 0909 | 2.6 80 | | 1319 | 3.3 100 |
| | 2126 | 3.3 100 | | 2336 | 3.6 110 | | 1253 | 3.0 90 | | 1913 | 1.3 40 |
| | | | | | | | 1730 | 1.6 50 | | | |
| **2** W | 0332 | 2.0 60 | **17** Th | 0406 | 2.0 60 | **2** Sa | 0009 | 3.6 110 | **17** Su | 0147 | 4.9 150 |
| | 1126 | 3.0 90 | | 0856 | 2.6 80 | | 0602 | 2.3 70 | | 0800 | 2.0 60 |
| | 1645 | 1.6 50 | | 1021 | 2.6 80 | | 1317 | 3.3 100 | | 1345 | 3.6 110 |
| | 2254 | 3.6 110 | | 1243 | 2.6 80 | | 1817 | 1.3 40 | | 1941 | 1.0 30 |
| | | | | 1738 | 2.0 60 | | | | | | |
| **3** Th | 0439 | 2.0 60 | **18** F | 0047 | 3.9 120 | **3** Su | 0058 | 3.9 120 | **18** M | 0221 | 4.9 150 |
| | 1228 | 3.0 90 | | 0539 | 2.0 60 | | 0651 | 2.3 70 | | 0808 | 2.0 60 |
| | 1741 | 1.3 40 | | 1323 | 3.0 90 | | 1347 | 3.6 110 | | 1400 | 3.9 120 |
| | 2358 | 3.6 110 | | 1839 | 1.3 40 | | 1902 | 0.7 20 | | 2009 | 0.7 20 |
| **4** F | 0539 | 2.0 60 | **19** Sa | 0145 | 4.3 130 | **4** M | 0139 | 4.3 130 | **19** Tu | 0254 | 5.2 160 |
| | 1308 | 3.3 100 | | 0713 | 2.0 60 | | 0728 | 2.0 60 | | 0821 | 1.6 50 |
| | 1826 | 1.0 30 | | 1354 | 3.3 100 | | 1413 | 3.9 120 | | 1408 | 4.3 130 |
| | | | | 1924 | 1.0 30 | | 1943 | 0.3 10 | | 2034 | 0.3 10 |
| **5** Sa | 0051 | 3.9 120 | **20** Su | 0232 | 4.6 140 | **5** Tu | 0213 | 4.6 140 | **20** W | 0315 | 5.2 160 |
| | 0626 | 1.6 50 | | 0802 | 1.6 50 | | 0806 | 1.6 50 | | 0843 | 1.3 40 |
| | 1343 | 3.6 110 | | 1413 | 3.6 110 | | 1441 | 4.3 130 | | 1417 | 4.6 140 |
| | 1908 | 0.7 20 | | 2006 | 0.7 20 | | 2024 | 0.0 0 | | 2104 | 0.3 10 |
| **6** Su | 0134 | 4.3 130 | **21** M | 0311 | 4.9 150 | **6** W | 0249 | 4.9 150 | **21** Th | 0330 | 4.9 150 |
| | 0711 | 1.6 50 | | 0836 | 1.6 50 | | 0843 | 1.3 40 | | 0909 | 1.0 30 |
| | 1409 | 3.6 110 | | 1421 | 3.9 120 | | 1504 | 4.6 140 | | 1439 | 4.9 150 |
| | 1953 | 0.3 10 | | 2045 | 0.3 10 | | 2108 | 0.0 0 | ○ | 2136 | 0.3 10 |
| **7** M | 0211 | 4.6 140 | **22** Tu | 0347 | 4.9 150 | **7** Th | 0319 | 4.9 150 | **22** F | 0341 | 4.9 150 |
| | 0754 | 1.3 40 | | 0908 | 1.3 40 | | 0919 | 1.3 40 | | 0941 | 1.0 30 |
| | 1434 | 3.9 120 | | 1428 | 3.9 120 | | 1526 | 4.6 140 | | 1504 | 5.2 160 |
| | 2036 | 0.0 0 | ○ | 2123 | 0.0 0 | ● | 2151 | −0.3 −10 | | 2206 | 0.7 20 |
| **8** Tu | 0251 | 4.6 140 | **23** W | 0408 | 4.6 140 | **8** F | 0349 | 4.9 150 | **23** Sa | 0356 | 4.6 140 |
| | 0836 | 1.3 40 | | 0938 | 1.3 40 | | 0954 | 1.3 40 | | 1009 | 1.0 30 |
| | 1454 | 3.9 120 | | 1449 | 4.3 130 | | 1551 | 4.6 140 | | 1534 | 5.2 160 |
| ● | 2119 | 0.0 0 | | 2200 | 0.0 0 | | 2230 | 0.0 0 | | 2238 | 1.0 30 |
| **9** W | 0324 | 4.6 140 | **24** Th | 0419 | 4.6 140 | **9** Sa | 0413 | 4.9 150 | **24** Su | 0411 | 4.6 140 |
| | 0913 | 1.3 40 | | 1006 | 1.3 40 | | 1024 | 1.3 40 | | 1045 | 1.0 30 |
| | 1513 | 3.9 120 | | 1511 | 4.6 140 | | 1611 | 4.6 140 | | 1604 | 5.2 160 |
| | 2204 | 0.0 0 | | 2234 | 0.3 10 | | 2309 | 0.3 10 | | 2302 | 1.3 40 |
| **10** Th | 0400 | 4.6 140 | **25** F | 0428 | 4.3 130 | **10** Su | 0441 | 4.6 140 | **25** M | 0432 | 4.3 130 |
| | 0954 | 1.3 40 | | 1038 | 1.3 40 | | 1056 | 1.3 40 | | 1113 | 1.3 40 |
| | 1539 | 3.9 120 | | 1543 | 4.9 150 | | 1641 | 4.6 140 | | 1639 | 4.9 150 |
| | 2251 | 0.0 0 | | 2306 | 0.7 20 | | 2351 | 0.7 20 | | 2321 | 1.6 50 |
| **11** F | 0436 | 4.6 140 | **26** Sa | 0447 | 4.3 130 | **11** M | 0506 | 4.3 130 | **26** Tu | 0449 | 3.9 120 |
| | 1028 | 1.3 40 | | 1104 | 1.3 40 | | 1123 | 1.6 50 | | 1143 | 1.6 50 |
| | 1608 | 3.9 120 | | 1611 | 4.6 140 | | 1709 | 4.3 130 | | 1713 | 4.3 130 |
| | 2334 | 0.0 0 | | 2339 | 1.0 30 | | | | | 2315 | 2.3 70 |
| **12** Sa | 0509 | 4.3 130 | **27** Su | 0504 | 3.9 120 | **12** Tu | 0030 | 1.3 40 | **27** W | 0458 | 3.6 110 |
| | 1102 | 1.6 50 | | 1136 | 1.3 40 | | 0532 | 3.9 120 | | 1219 | 2.0 60 |
| | 1643 | 3.9 120 | | 1651 | 4.6 140 | | 1156 | 1.6 50 | | 1758 | 3.9 120 |
| | | | | | | | 1751 | 3.6 110 | | 2308 | 2.6 80 |
| **13** Su | 0015 | 0.3 10 | **28** M | 0006 | 1.3 40 | **13** W | 0117 | 2.0 60 | **28** Th | 0458 | 3.3 100 |
| | 0547 | 3.9 120 | | 0526 | 3.6 110 | | 0556 | 3.3 100 | | 1143 | 2.3 70 |
| | 1139 | 1.6 50 | | 1202 | 1.6 50 | | 1241 | 2.0 60 | | 1345 | 2.3 70 |
| | 1723 | 3.6 110 | | 1728 | 3.9 120 | | 1904 | 3.3 100 | ◑ | 1900 | 3.3 100 |
| | | | | | | | 2236 | 3.3 100 | | 2324 | 3.0 90 |
| **14** M | 0102 | 0.7 20 | **29** Tu | 0041 | 2.0 60 | **14** Th | 0224 | 2.3 70 | **29** F | 0441 | 3.3 100 |
| | 0619 | 3.6 110 | | 0547 | 3.3 100 | | 0606 | 3.0 90 | | 0923 | 2.6 80 |
| | 1215 | 2.0 60 | | 1245 | 2.0 60 | | 1008 | 2.3 70 | | 1204 | 2.6 80 |
| | 1847 | 3.3 100 | | 1821 | 3.6 110 | ◐ | 1202 | 2.3 70 | | 1543 | 2.3 70 |
| | | | | | | | 1413 | 2.3 70 | | 2342 | 3.3 100 |
| **15** Tu | 0154 | 1.3 40 | **30** W | 0123 | 2.3 70 | **15** F | 0002 | 3.9 120 | | | |
| | 0658 | 3.3 100 | | 0602 | 3.3 100 | | 0951 | 2.3 70 | | | |
| | 1311 | 2.0 60 | | 1424 | 2.3 70 | | 1253 | 3.0 90 | | | |
| ◐ | 2206 | 3.3 100 | ◑ | 1956 | 3.3 100 | | 1838 | 2.0 60 | | | |
| | | | **31** Th | 0241 | 2.6 80 | | | | | | |
| | | | | 0615 | 3.0 90 | | | | | | |
| | | | | 1008 | 2.6 80 | | | | | | |
| | | | | 1221 | 2.6 80 | | | | | | |
| | | | | 1617* | 2.0 60 | | | | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0849 | 2.6 80 | **16** Su | 0053 | 4.6 140 |
| | 1230 | 3.0 90 | | 0741 | 2.3 70 |
| | 1706 | 2.0 60 | | 1245 | 3.3 100 |
| | | | | 1900 | 1.3 40 |
| **2** Su | 0021 | 3.6 110 | **17** M | 0126 | 4.9 150 |
| | 0815 | 2.3 70 | | 0734 | 2.3 70 |
| | 1256 | 3.6 110 | | 1302 | 3.9 120 |
| | 1802 | 1.3 40 | | 1926 | 1.0 30 |
| **3** M | 0056 | 4.3 130 | **18** Tu | 0156 | 5.2 160 |
| | 0745 | 2.3 70 | | 0732 | 2.0 60 |
| | 1323 | 3.9 120 | | 1315 | 4.3 130 |
| | 1847 | 1.0 30 | | 1943 | 1.0 30 |
| **4** Tu | 0130 | 4.6 140 | **19** W | 0217 | 5.2 160 |
| | 0745 | 2.0 60 | | 0741 | 1.6 50 |
| | 1354 | 4.6 140 | | 1330 | 4.6 140 |
| | 1926 | 0.3 10 | | 2008 | 0.7 20 |
| **5** W | 0202 | 4.9 150 | **20** Th | 0236 | 4.9 150 |
| | 0808 | 1.6 50 | | 0806 | 1.3 40 |
| | 1423 | 4.9 150 | | 1354 | 4.9 150 |
| | 2008 | 0.0 0 | | 2034 | 0.7 20 |
| **6** Th | 0234 | 5.2 160 | **21** F | 0251 | 4.9 150 |
| | 0836 | 1.3 40 | | 0836 | 1.0 30 |
| | 1453 | 5.2 160 | | 1419 | 5.2 160 |
| | 2051 | 0.0 0 | ○ | 2104 | 0.7 20 |
| **7** F | 0300 | 5.2 160 | **22** Sa | 0304 | 4.9 150 |
| | 0908 | 1.0 30 | | 0909 | 0.7 20 |
| | 1515 | 5.2 160 | | 1453 | 5.6 170 |
| ● | 2128 | 0.0 0 | | 2138 | 1.0 30 |
| **8** Sa | 0323 | 5.2 160 | **23** Su | 0321 | 4.9 150 |
| | 0939 | 1.0 30 | | 0949 | 0.7 20 |
| | 1539 | 5.2 160 | | 1521 | 5.6 170 |
| | 2208 | 0.0 0 | | 2206 | 1.3 40 |
| **9** Su | 0347 | 4.9 150 | **24** M | 0343 | 4.6 140 |
| | 1011 | 1.0 30 | | 1024 | 1.0 30 |
| | 1604 | 5.2 160 | | 1556 | 5.2 160 |
| | 2247 | 0.7 20 | | 2228 | 1.6 50 |
| **10** M | 0406 | 4.6 140 | **25** Tu | 0358 | 4.3 130 |
| | 1045 | 1.3 40 | | 1100 | 1.3 40 |
| | 1632 | 4.9 150 | | 1628 | 4.9 150 |
| | 2323 | 1.0 30 | | 2236 | 2.0 60 |
| **11** Tu | 0428 | 4.3 130 | **26** W | 0406 | 3.9 120 |
| | 1115 | 1.3 40 | | 1139 | 1.6 50 |
| | 1702 | 4.6 140 | | 1704 | 4.6 140 |
| | | | | 2230 | 2.3 70 |
| **12** W | 0006 | 1.6 50 | **27** Th | 0408 | 3.9 120 |
| | 0449 | 3.9 120 | | 1224 | 2.0 60 |
| | 1158 | 1.6 50 | | 1747 | 3.9 120 |
| | 1743 | 3.9 120 | | 2243 | 2.6 80 |
| **13** Th | 0100 | 2.6 80 | **28** F | 0358 | 3.6 110 |
| | 0458 | 3.6 110 | | 1332 | 2.0 60 |
| | 1254 | 2.0 60 | | 1845 | 3.6 110 |
| | 2256 | 3.6 110 | | 2311 | 3.0 90 |
| **14** F | 0219 | 3.0 90 | **29** Sa | 0338 | 3.6 110 |
| | 0426 | 3.3 100 | | 0819 | 2.6 80 |
| | 0915 | 2.3 70 | | 1058 | 3.0 90 |
| ◐ | 1132 | 2.6 80 | ◑ | 1456 | 2.0 60 |
| | 1417 | 2.3 70 | | 2102 | 3.3 100 |
| **15** Sa | 0002 | 4.3 130 | **30** Su | 0108 | 3.3 100 |
| | 0841 | 2.6 80 | | 0751 | 2.6 80 |
| | 1211 | 3.0 90 | | 1138 | 3.3 100 |
| | 1824 | 2.0 60 | | 1617 | 2.0 60 |
| | | | | 2351 | 3.9 120 |
| | | | **31** M | 0734 | 2.3 70 |
| | | | | 1208 | 3.9 120 |
| | | | | 1723 | 1.3 40 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
* See Page 308 for the remaining tides on this day.

# Santos, Brazil, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0030 | 4.3 | 130 |
| | 0726 | 2.0 | 60 |
| | 1247 | 4.3 | 130 |
| | 1813 | 1.0 | 30 |
| **2** W | 0106 | 4.9 | 150 |
| | 0730 | 1.6 | 50 |
| | 1319 | 4.6 | 140 |
| | 1858 | 0.7 | 20 |
| **3** Th | 0141 | 4.9 | 150 |
| | 0745 | 1.6 | 50 |
| | 1354 | 5.2 | 160 |
| | 1941 | 0.3 | 10 |
| **4** F | 0209 | 5.2 | 160 |
| | 0809 | 1.3 | 40 |
| | 1426 | 5.2 | 160 |
| | 2023 | 0.3 | 10 |
| **5** Sa | 0234 | 5.2 | 160 |
| | 0841 | 1.0 | 30 |
| | 1456 | 5.6 | 170 |
| | 2104 | 0.3 | 10 |
| **6** Su ● | 0254 | 4.9 | 150 |
| | 0915 | 1.0 | 30 |
| | 1524 | 5.2 | 160 |
| | 2147 | 0.7 | 20 |
| **7** M | 0311 | 4.6 | 140 |
| | 0954 | 1.0 | 30 |
| | 1556 | 5.2 | 160 |
| | 2224 | 1.0 | 30 |
| **8** Tu | 0334 | 4.3 | 130 |
| | 1034 | 1.0 | 30 |
| | 1628 | 4.9 | 150 |
| | 2306 | 1.6 | 50 |
| **9** W | 0354 | 4.3 | 130 |
| | 1117 | 1.3 | 40 |
| | 1708 | 4.3 | 130 |
| | 2354 | 2.3 | 70 |
| **10** Th | 0408 | 3.9 | 120 |
| | 1206 | 1.6 | 50 |
| | 1802 | 3.9 | 120 |
| **11** F | 0049 | 3.0 | 90 |
| | 0409 | 3.6 | 110 |
| | 0939 | 2.6 | 80 |
| | 1304 | 1.6 | 50 |
| | 2238 | 3.9 | 120 |
| **12** Sa ◐ | 0211 | 3.3 | 100 |
| | 0326 | 3.3 | 100 |
| | 0832 | 2.6 | 80 |
| | 1041 | 2.6 | 80 |
| | 1413* | 2.0 | 60 |
| **13** Su | 0730 | 2.6 | 80 |
| | 1113 | 3.0 | 90 |
| | 1545 | 2.0 | 60 |
| **14** M | 0021 | 4.6 | 140 |
| | 0656 | 2.6 | 80 |
| | 1141 | 3.6 | 110 |
| | 1736 | 1.6 | 50 |
| **15** Tu | 0056 | 4.6 | 140 |
| | 0639 | 2.3 | 70 |
| | 1158 | 3.9 | 120 |
| | 1824 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0117 | 4.6 | 140 |
| | 0636 | 2.0 | 60 |
| | 1219 | 4.3 | 130 |
| | 1845 | 1.3 | 40 |
| **17** Th | 0138 | 4.6 | 140 |
| | 0656 | 1.6 | 50 |
| | 1251 | 4.9 | 150 |
| | 1919 | 1.3 | 40 |
| **18** F | 0156 | 4.9 | 150 |
| | 0724 | 1.0 | 30 |
| | 1323 | 5.2 | 160 |
| | 1954 | 1.0 | 30 |
| **19** Sa | 0213 | 4.9 | 150 |
| | 0800 | 1.0 | 30 |
| | 1400 | 5.2 | 160 |
| | 2030 | 1.3 | 40 |
| **20** Su ○ | 0234 | 4.9 | 150 |
| | 0839 | 0.7 | 20 |
| | 1436 | 5.2 | 160 |
| | 2104 | 1.3 | 40 |
| **21** M | 0256 | 4.6 | 140 |
| | 0921 | 0.7 | 20 |
| | 1509 | 5.2 | 160 |
| | 2136 | 1.6 | 50 |
| **22** Tu | 0309 | 4.6 | 140 |
| | 1002 | 1.0 | 30 |
| | 1547 | 5.2 | 160 |
| | 2156 | 2.0 | 60 |
| **23** W | 0323 | 4.3 | 130 |
| | 1047 | 1.3 | 40 |
| | 1619 | 4.9 | 150 |
| | 2209 | 2.0 | 60 |
| **24** Th | 0330 | 3.9 | 120 |
| | 1132 | 1.3 | 40 |
| | 1658 | 4.6 | 140 |
| | 2223 | 2.3 | 70 |
| **25** F | 0332 | 3.9 | 120 |
| | 1219 | 1.6 | 50 |
| | 1743 | 4.3 | 130 |
| | 2247 | 2.6 | 80 |
| **26** Sa | 0326 | 3.6 | 110 |
| | 1315 | 1.6 | 50 |
| | 1839 | 3.9 | 120 |
| | 2326 | 3.0 | 90 |
| **27** Su | 0317 | 3.6 | 110 |
| | 0724 | 2.6 | 80 |
| | 0958 | 3.0 | 90 |
| | 1417 | 1.6 | 50 |
| | 2009 | 3.6 | 110 |
| **28** M ◑ | 0053 | 3.3 | 100 |
| | 0302 | 3.3 | 100 |
| | 0700 | 2.6 | 80 |
| | 1045 | 3.6 | 110 |
| | 1523* | 1.6 | 50 |
| **29** Tu | 0654 | 2.3 | 70 |
| | 1123 | 3.9 | 120 |
| | 1626 | 1.3 | 40 |
| | 2351 | 4.3 | 130 |
| **30** W | 0653 | 2.0 | 60 |
| | 1202 | 4.3 | 130 |
| | 1723 | 1.0 | 30 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0038 | 4.6 | 140 |
| | 0656 | 2.0 | 60 |
| | 1243 | 4.9 | 150 |
| | 1815 | 1.0 | 30 |
| **2** F | 0111 | 4.6 | 140 |
| | 0709 | 1.6 | 50 |
| | 1321 | 4.9 | 150 |
| | 1906 | 0.7 | 20 |
| **3** Sa | 0143 | 4.6 | 140 |
| | 0736 | 1.3 | 40 |
| | 1400 | 5.2 | 160 |
| | 1954 | 0.7 | 20 |
| **4** Su | 0206 | 4.6 | 140 |
| | 0809 | 1.0 | 30 |
| | 1441 | 5.2 | 160 |
| | 2043 | 1.0 | 30 |
| **5** M ● | 0224 | 4.6 | 140 |
| | 0851 | 1.0 | 30 |
| | 1521 | 5.2 | 160 |
| | 2128 | 1.3 | 40 |
| **6** Tu | 0247 | 4.3 | 130 |
| | 0938 | 1.0 | 30 |
| | 1606 | 4.9 | 150 |
| | 2213 | 1.6 | 50 |
| **7** W | 0304 | 4.3 | 130 |
| | 1026 | 1.0 | 30 |
| | 1651 | 4.6 | 140 |
| | 2258 | 2.0 | 60 |
| **8** Th | 0324 | 3.9 | 120 |
| | 1119 | 1.0 | 30 |
| | 1745 | 4.3 | 130 |
| | 2343 | 2.3 | 70 |
| **9** F | 0347 | 3.6 | 110 |
| | 1209 | 1.3 | 40 |
| | 2008 | 3.9 | 120 |
| **10** Sa | 0024 | 3.0 | 90 |
| | 0356 | 3.6 | 110 |
| | 1302 | 1.3 | 40 |
| | 2145 | 3.9 | 120 |
| **11** Su | 0119 | 3.3 | 100 |
| | 0358 | 3.3 | 100 |
| | 0939 | 3.0 | 90 |
| | 1354 | 1.6 | 50 |
| | 2254 | 3.9 | 120 |
| **12** M ◐ | 0354 | 3.3 | 100 |
| | 0717 | 3.0 | 90 |
| | 1002 | 3.0 | 90 |
| | 1445 | 1.6 | 50 |
| | 2345 | 3.9 | 120 |
| **13** Tu | 0553 | 3.0 | 90 |
| | 1024 | 3.6 | 110 |
| | 1538 | 1.6 | 50 |
| **14** W | 0013 | 3.9 | 120 |
| | 0523 | 2.3 | 70 |
| | 1056 | 3.9 | 120 |
| | 1632 | 1.6 | 50 |
| **15** Th | 0039 | 3.9 | 120 |
| | 0545 | 2.0 | 60 |
| | 1134 | 4.3 | 130 |
| | 1726 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0100 | 4.3 | 130 |
| | 0615 | 1.3 | 40 |
| | 1213 | 4.6 | 140 |
| | 1821 | 1.6 | 50 |
| **17** Sa | 0124 | 4.3 | 130 |
| | 0654 | 1.0 | 30 |
| | 1258 | 4.9 | 150 |
| | 1911 | 1.6 | 50 |
| **18** Su | 0151 | 4.6 | 140 |
| | 0732 | 0.7 | 20 |
| | 1341 | 4.9 | 150 |
| | 1958 | 1.6 | 50 |
| **19** M ○ | 0213 | 4.6 | 140 |
| | 0811 | 0.7 | 20 |
| | 1421 | 4.9 | 150 |
| | 2038 | 1.6 | 50 |
| **20** Tu | 0236 | 4.3 | 130 |
| | 0856 | 0.7 | 20 |
| | 1500 | 4.9 | 150 |
| | 2108 | 1.6 | 50 |
| **21** W | 0251 | 4.3 | 130 |
| | 0943 | 0.7 | 20 |
| | 1538 | 4.9 | 150 |
| | 2136 | 2.0 | 60 |
| **22** Th | 0300 | 4.3 | 130 |
| | 1028 | 1.0 | 30 |
| | 1613 | 4.9 | 150 |
| | 2158 | 2.0 | 60 |
| **23** F | 0308 | 3.9 | 120 |
| | 1115 | 1.0 | 30 |
| | 1654 | 4.6 | 140 |
| | 2223 | 2.3 | 70 |
| **24** Sa | 0319 | 3.9 | 120 |
| | 1204 | 1.3 | 40 |
| | 1738 | 4.3 | 130 |
| | 2254 | 2.3 | 70 |
| **25** Su | 0326 | 3.6 | 110 |
| | 1256 | 1.3 | 40 |
| | 1826 | 4.3 | 130 |
| | 2334 | 2.6 | 80 |
| **26** M | 0328 | 3.6 | 110 |
| | 0700 | 3.0 | 90 |
| | 0904 | 3.3 | 100 |
| | 1349 | 1.3 | 40 |
| | 1924 | 3.9 | 120 |
| **27** Tu ◑ | 0028 | 3.0 | 90 |
| | 0326 | 3.3 | 100 |
| | 0628 | 3.0 | 90 |
| | 0958 | 3.6 | 110 |
| | 1441* | 1.3 | 40 |
| **28** W | 0617 | 2.6 | 80 |
| | 1045 | 3.9 | 120 |
| | 1534 | 1.3 | 40 |
| | 2238 | 3.6 | 110 |
| **29** Th | 0619 | 2.3 | 70 |
| | 1126 | 4.3 | 130 |
| | 1630 | 1.3 | 40 |
| **30** F | 0004 | 3.9 | 120 |
| | 0623 | 2.0 | 60 |
| | 1211 | 4.6 | 140 |
| | 1728 | 1.3 | 40 |
| **31** Sa | 0053 | 3.9 | 120 |
| | 0639 | 1.6 | 50 |
| | 1300 | 4.6 | 140 |
| | 1830 | 1.3 | 40 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0130 | 3.9 | 120 |
| | 0709 | 1.3 | 40 |
| | 1353 | 4.9 | 150 |
| | 1934 | 1.3 | 40 |
| **2** M | 0154 | 3.9 | 120 |
| | 0751 | 1.0 | 30 |
| | 1447 | 4.9 | 150 |
| | 2034 | 1.3 | 40 |
| **3** Tu ● | 0215 | 3.9 | 120 |
| | 0838 | 0.7 | 20 |
| | 1545 | 4.9 | 150 |
| | 2124 | 1.6 | 50 |
| **4** W | 0234 | 3.9 | 120 |
| | 0928 | 0.7 | 20 |
| | 1639 | 4.9 | 150 |
| | 2208 | 1.6 | 50 |
| **5** Th | 0256 | 3.9 | 120 |
| | 1021 | 0.7 | 20 |
| | 1732 | 4.6 | 140 |
| | 2251 | 2.0 | 60 |
| **6** F | 0315 | 3.9 | 120 |
| | 1111 | 0.7 | 20 |
| | 1819 | 4.6 | 140 |
| | 2323 | 2.3 | 70 |
| **7** Sa | 0343 | 3.9 | 120 |
| | 1158 | 1.0 | 30 |
| | 1841 | 4.3 | 130 |
| | 2358 | 2.3 | 70 |
| **8** Su | 0404 | 3.9 | 120 |
| | 1241 | 1.0 | 30 |
| | 1902 | 3.6 | 110 |
| **9** M | 0032 | 2.6 | 80 |
| | 0436 | 3.6 | 110 |
| | 1317 | 1.3 | 40 |
| | 1921 | 3.6 | 110 |
| **10** Tu ◐ | 0109 | 2.6 | 80 |
| | 0519 | 3.6 | 110 |
| | 1400 | 1.6 | 50 |
| | 2002 | 3.3 | 100 |
| **11** W | 0217 | 2.6 | 80 |
| | 0830 | 3.3 | 100 |
| | 1447 | 1.6 | 50 |
| | 2324 | 3.3 | 100 |
| **12** Th | 0356 | 2.3 | 70 |
| | 1002 | 3.6 | 110 |
| | 1538 | 2.0 | 60 |
| **13** F | 0009 | 3.3 | 100 |
| | 0504 | 2.0 | 60 |
| | 1102 | 3.9 | 120 |
| | 1636 | 2.0 | 60 |
| **14** Sa | 0047 | 3.6 | 110 |
| | 0554 | 1.3 | 40 |
| | 1156 | 4.3 | 130 |
| | 1739 | 2.0 | 60 |
| **15** Su | 0117 | 3.9 | 120 |
| | 0636 | 1.0 | 30 |
| | 1247 | 4.3 | 130 |
| | 1843 | 2.0 | 60 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0149 | 3.9 | 120 |
| | 0715 | 0.7 | 20 |
| | 1334 | 4.6 | 140 |
| | 1936 | 2.0 | 60 |
| **17** Tu | 0211 | 3.9 | 120 |
| | 0758 | 0.7 | 20 |
| | 1415 | 4.6 | 140 |
| | 2019 | 2.0 | 60 |
| **18** W ○ | 0236 | 4.3 | 130 |
| | 0839 | 0.3 | 10 |
| | 1456 | 4.6 | 140 |
| | 2056 | 1.6 | 50 |
| **19** Th | 0253 | 4.3 | 130 |
| | 0923 | 0.3 | 10 |
| | 1534 | 4.6 | 140 |
| | 2126 | 1.6 | 50 |
| **20** F | 0304 | 4.3 | 130 |
| | 1009 | 0.7 | 20 |
| | 1609 | 4.6 | 140 |
| | 2156 | 1.6 | 50 |
| **21** Sa | 0319 | 3.9 | 120 |
| | 1058 | 0.7 | 20 |
| | 1647 | 4.6 | 140 |
| | 2224 | 2.0 | 60 |
| **22** Su | 0339 | 3.9 | 120 |
| | 1145 | 0.7 | 20 |
| | 1723 | 4.6 | 140 |
| | 2256 | 2.0 | 60 |
| **23** M | 0400 | 3.6 | 110 |
| | 1228 | 0.7 | 20 |
| | 1802 | 4.3 | 130 |
| | 2326 | 2.0 | 60 |
| **24** Tu | 0419 | 3.6 | 110 |
| | 1313 | 1.0 | 30 |
| | 1845 | 3.9 | 120 |
| **25** W | 0004 | 2.3 | 70 |
| | 0426 | 3.3 | 100 |
| | 0611 | 3.3 | 100 |
| | 0904 | 3.3 | 100 |
| | 1400* | 1.0 | 30 |
| **26** Th ◑ | 0100 | 2.6 | 80 |
| | 0421 | 3.0 | 90 |
| | 0545 | 3.0 | 90 |
| | 1006 | 3.6 | 110 |
| | 1454* | 1.3 | 40 |
| **27** F | 0549 | 2.3 | 70 |
| | 1102 | 3.9 | 120 |
| | 1551 | 1.6 | 50 |
| | 2128 | 3.0 | 90 |
| | 2258 | 3.0 | 90 |
| **28** Sa | 0002 | 3.0 | 90 |
| | 0604 | 2.0 | 60 |
| | 1202 | 3.9 | 120 |
| | 1658 | 1.6 | 50 |
| **29** Su | 0108 | 3.3 | 100 |
| | 0630 | 1.6 | 50 |
| | 1304 | 4.3 | 130 |
| | 1821 | 2.0 | 60 |
| **30** M | 0149 | 3.6 | 110 |
| | 0708 | 1.0 | 30 |
| | 1409 | 4.6 | 140 |
| | 1947 | 2.0 | 60 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
* See Page 308 for the remaining tides on this day.

# Santos, Brazil, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0219 | 3.6 | 110 |
| | 0751 | 0.7 | 20 |
| | 1508 | 4.9 | 150 |
| | 2047 | 1.6 | 50 |
| **2** W ● | 0238 | 3.9 | 120 |
| | 0838 | 0.3 | 10 |
| | 1600 | 4.9 | 150 |
| | 2128 | 1.6 | 50 |
| **3** Th | 0247 | 3.9 | 120 |
| | 0924 | 0.3 | 10 |
| | 1645 | 4.9 | 150 |
| | 2202 | 1.6 | 50 |
| **4** F | 0258 | 3.9 | 120 |
| | 1011 | 0.3 | 10 |
| | 1719 | 4.9 | 150 |
| | 2232 | 1.6 | 50 |
| **5** Sa | 0315 | 4.3 | 130 |
| | 1054 | 0.3 | 10 |
| | 1734 | 4.6 | 140 |
| | 2300 | 1.6 | 50 |
| **6** Su | 0341 | 4.3 | 130 |
| | 1132 | 0.7 | 20 |
| | 1738 | 4.3 | 130 |
| | 2324 | 1.6 | 50 |
| **7** M | 0406 | 4.3 | 130 |
| | 1206 | 0.7 | 20 |
| | 1751 | 3.9 | 120 |
| | 2354 | 1.6 | 50 |
| **8** Tu | 0439 | 4.3 | 130 |
| | 1243 | 1.3 | 40 |
| | 1804 | 3.6 | 110 |
| **9** W | 0021 | 2.0 | 60 |
| | 0515 | 3.9 | 120 |
| | 1317 | 1.6 | 50 |
| | 1823 | 3.3 | 100 |
| **10** Th ◐ | 0100 | 2.0 | 60 |
| | 0619 | 3.6 | 110 |
| | 1400 | 2.0 | 60 |
| | 1843 | 3.3 | 100 |
| **11** F | 0241 | 2.3 | 70 |
| | 0851 | 3.3 | 100 |
| | 1456 | 2.3 | 70 |
| | 1900 | 3.0 | 90 |
| | 2241 | 2.6 | 80 |
| **12** Sa | 0034 | 2.6 | 80 |
| | 0438 | 2.0 | 60 |
| | 1047 | 3.3 | 100 |
| | 1600 | 2.3 | 70 |
| | 1915* | 2.6 | 80 |
| **13** Su | 0102 | 3.0 | 90 |
| | 0545 | 1.6 | 50 |
| | 1156 | 3.6 | 110 |
| | 1717 | 2.3 | 70 |
| | 2051 | 2.6 | 80 |
| **14** M | 0130 | 3.3 | 100 |
| | 0626 | 1.0 | 30 |
| | 1251 | 3.9 | 120 |
| | 1841 | 2.3 | 70 |
| **15** Tu | 0156 | 3.6 | 110 |
| | 0706 | 0.7 | 20 |
| | 1336 | 4.3 | 130 |
| | 1939 | 2.0 | 60 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0219 | 3.9 | 120 |
| | 0747 | 0.3 | 10 |
| | 1415 | 4.3 | 130 |
| | 2019 | 1.6 | 50 |
| **17** Th | 0245 | 3.9 | 120 |
| | 0826 | 0.0 | 0 |
| | 1454 | 4.6 | 140 |
| | 2054 | 1.6 | 50 |
| **18** F ○ | 0302 | 4.3 | 130 |
| | 0908 | 0.0 | 0 |
| | 1526 | 4.6 | 140 |
| | 2124 | 1.3 | 40 |
| **19** Sa | 0321 | 4.3 | 130 |
| | 0953 | 0.0 | 0 |
| | 1600 | 4.9 | 150 |
| | 2156 | 1.3 | 40 |
| **20** Su | 0339 | 4.3 | 130 |
| | 1036 | 0.0 | 0 |
| | 1630 | 4.6 | 140 |
| | 2223 | 1.3 | 40 |
| **21** M | 0400 | 4.3 | 130 |
| | 1117 | 0.0 | 0 |
| | 1702 | 4.6 | 140 |
| | 2251 | 1.3 | 40 |
| **22** Tu | 0424 | 3.9 | 120 |
| | 1200 | 0.3 | 10 |
| | 1732 | 4.3 | 130 |
| | 2315 | 1.6 | 50 |
| **23** W | 0454 | 3.9 | 120 |
| | 1243 | 0.7 | 20 |
| | 1800 | 3.9 | 120 |
| | 2345 | 1.6 | 50 |
| **24** Th | 0528 | 3.6 | 110 |
| | 1324 | 1.0 | 30 |
| | 1830 | 3.6 | 110 |
| **25** F ◑ | 0013 | 2.0 | 60 |
| | 0936 | 3.3 | 100 |
| | 1415 | 1.6 | 50 |
| | 1900 | 3.3 | 100 |
| **26** Sa | 0121 | 2.3 | 70 |
| | 1106 | 3.3 | 100 |
| | 1521 | 2.0 | 60 |
| | 1930 | 2.6 | 80 |
| | 2241 | 2.3 | 70 |
| **27** Su | 0054 | 2.6 | 80 |
| | 0617 | 2.0 | 60 |
| | 1221 | 3.9 | 120 |
| | 1700 | 2.3 | 70 |
| | 2013 | 2.3 | 70 |
| **28** M | 0126 | 3.0 | 90 |
| | 0651 | 1.3 | 40 |
| | 1324 | 4.3 | 130 |
| | 2006 | 2.0 | 60 |
| **29** Tu | 0156 | 3.3 | 100 |
| | 0726 | 0.7 | 20 |
| | 1419 | 4.6 | 140 |
| | 2036 | 1.6 | 50 |
| **30** W | 0221 | 3.6 | 110 |
| | 0802 | 0.3 | 10 |
| | 1506 | 4.9 | 150 |
| | 2056 | 1.6 | 50 |
| **31** Th | 0239 | 3.9 | 120 |
| | 0838 | 0.0 | 0 |
| | 1547 | 4.9 | 150 |
| | 2119 | 1.3 | 40 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0245 | 4.3 | 130 |
| | 0913 | 0.0 | 0 |
| | 1617 | 4.9 | 150 |
| | 2141 | 1.0 | 30 |
| **2** Sa | 0254 | 4.3 | 130 |
| | 0951 | 0.0 | 0 |
| | 1636 | 4.6 | 140 |
| | 2206 | 1.0 | 30 |
| **3** Su | 0308 | 4.6 | 140 |
| | 1023 | 0.0 | 0 |
| | 1641 | 4.3 | 130 |
| | 2234 | 1.0 | 30 |
| **4** M | 0334 | 4.6 | 140 |
| | 1058 | 0.3 | 10 |
| | 1651 | 3.9 | 120 |
| | 2300 | 1.0 | 30 |
| **5** Tu | 0400 | 4.6 | 140 |
| | 1130 | 0.7 | 20 |
| | 1702 | 3.9 | 120 |
| | 2324 | 1.0 | 30 |
| **6** W | 0430 | 4.6 | 140 |
| | 1202 | 1.3 | 40 |
| | 1719 | 3.6 | 110 |
| | 2353 | 1.3 | 40 |
| **7** Th | 0504 | 3.9 | 120 |
| | 1238 | 1.6 | 50 |
| | 1738 | 3.3 | 100 |
| **8** F ◐ | 0017 | 1.6 | 50 |
| | 0547 | 3.6 | 110 |
| | 1313 | 2.0 | 60 |
| | 1751 | 3.3 | 100 |
| | 2300 | 2.0 | 60 |
| **9** Sa | 0006 | 2.0 | 60 |
| | 0702 | 3.0 | 90 |
| | 1409 | 2.3 | 70 |
| | 1756 | 3.0 | 90 |
| | 2215 | 2.3 | 70 |
| **10** Su | 0051 | 2.3 | 70 |
| | 0408 | 2.0 | 60 |
| | 1128 | 3.0 | 90 |
| | 1545 | 2.6 | 80 |
| | 1758* | 2.6 | 80 |
| **11** M | 0102 | 2.6 | 80 |
| | 0534 | 1.6 | 50 |
| | 1217 | 3.3 | 100 |
| | 2109 | 2.3 | 70 |
| **12** Tu | 0123 | 3.3 | 100 |
| | 0619 | 1.0 | 30 |
| | 1254 | 3.6 | 110 |
| | 2043 | 2.0 | 60 |
| **13** W | 0147 | 3.6 | 110 |
| | 0658 | 0.7 | 20 |
| | 1330 | 3.9 | 120 |
| | 2008 | 1.6 | 50 |
| **14** Th | 0208 | 3.9 | 120 |
| | 0734 | 0.0 | 0 |
| | 1404 | 4.3 | 130 |
| | 2021 | 1.3 | 40 |
| **15** F | 0234 | 4.3 | 130 |
| | 0809 | −0.3 | −10 |
| | 1439 | 4.6 | 140 |
| | 2049 | 1.3 | 40 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0256 | 4.6 | 140 |
| | 0851 | −0.3 | −10 |
| | 1509 | 4.6 | 140 |
| | 2117 | 1.0 | 30 |
| **17** Su | 0315 | 4.6 | 140 |
| | 0928 | −0.7 | −20 |
| | 1539 | 4.6 | 140 |
| | 2147 | 1.0 | 30 |
| **18** M | 0336 | 4.6 | 140 |
| | 1009 | −0.3 | −10 |
| | 1604 | 4.6 | 140 |
| | 2213 | 0.7 | 20 |
| **19** Tu | 0358 | 4.6 | 140 |
| | 1051 | 0.0 | 0 |
| | 1630 | 4.3 | 130 |
| | 2241 | 1.0 | 30 |
| **20** W | 0419 | 4.3 | 130 |
| | 1128 | 0.3 | 10 |
| | 1656 | 3.9 | 120 |
| | 2304 | 1.0 | 30 |
| **21** Th | 0451 | 3.9 | 120 |
| | 1208 | 0.7 | 20 |
| | 1719 | 3.6 | 110 |
| | 2334 | 1.3 | 40 |
| **22** F | 0517 | 3.6 | 110 |
| | 1258 | 1.3 | 40 |
| | 1747 | 3.3 | 100 |
| **23** Sa ◑ | 0002 | 1.6 | 50 |
| | 0602 | 3.0 | 90 |
| | 0819 | 3.0 | 90 |
| | 0954 | 3.0 | 90 |
| | 1358* | 2.0 | 60 |
| **24** Su | 0106 | 2.0 | 60 |
| | 1132 | 3.3 | 100 |
| | 1523 | 2.3 | 70 |
| | 1753 | 2.6 | 80 |
| | 2156 | 2.0 | 60 |
| **25** M | 0041 | 2.3 | 70 |
| | 0626 | 1.6 | 50 |
| | 1234 | 3.9 | 120 |
| | 2045 | 2.0 | 60 |
| **26** Tu | 0106 | 3.0 | 90 |
| | 0700 | 1.0 | 30 |
| | 1323 | 4.3 | 130 |
| | 2011 | 1.6 | 50 |
| **27** W | 0136 | 3.3 | 100 |
| | 0730 | 0.3 | 10 |
| | 1404 | 4.6 | 140 |
| | 2019 | 1.6 | 50 |
| **28** Th | 0156 | 3.6 | 110 |
| | 0754 | 0.0 | 0 |
| | 1443 | 4.9 | 150 |
| | 2028 | 1.3 | 40 |
| **29** F | 0209 | 3.9 | 120 |
| | 0821 | −0.3 | −10 |
| | 1509 | 4.6 | 140 |
| | 2045 | 1.0 | 30 |
| **30** Sa ● | 0217 | 4.3 | 130 |
| | 0849 | −0.3 | −10 |
| | 1532 | 4.6 | 140 |
| | 2106 | 0.7 | 20 |
| **31** Su | 0232 | 4.6 | 140 |
| | 0917 | −0.3 | −10 |
| | 1543 | 4.3 | 130 |
| | 2136 | 0.7 | 20 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0254 | 4.9 | 150 |
| | 0951 | 0.0 | 0 |
| | 1553 | 4.3 | 130 |
| | 2204 | 0.3 | 10 |
| **2** Tu | 0319 | 4.9 | 150 |
| | 1021 | 0.3 | 10 |
| | 1606 | 3.9 | 120 |
| | 2236 | 0.3 | 10 |
| **3** W | 0351 | 4.9 | 150 |
| | 1053 | 0.7 | 20 |
| | 1623 | 3.9 | 120 |
| | 2304 | 0.7 | 20 |
| **4** Th | 0419 | 4.6 | 140 |
| | 1115 | 1.3 | 40 |
| | 1643 | 3.6 | 110 |
| | 2338 | 1.0 | 30 |
| **5** F | 0454 | 3.9 | 120 |
| | 1123 | 1.6 | 50 |
| | 1656 | 3.3 | 100 |
| **6** Sa | 0008 | 1.3 | 40 |
| | 0530 | 3.3 | 100 |
| | 1021 | 2.0 | 60 |
| | 1658 | 3.0 | 90 |
| **7** Su ◐ | 0109 | 1.6 | 50 |
| | 0626 | 3.0 | 90 |
| | 1028 | 2.3 | 70 |
| | 1651 | 3.0 | 90 |
| | 2147 | 2.0 | 60 |
| **8** M | 0002 | 2.0 | 60 |
| | 0321 | 1.6 | 50 |
| | 1221 | 2.6 | 80 |
| | 2054 | 2.0 | 60 |
| **9** Tu | 0024 | 2.6 | 80 |
| | 0502 | 1.3 | 40 |
| | 1206 | 3.3 | 100 |
| | 2024 | 2.0 | 60 |
| **10** W | 0047 | 3.0 | 90 |
| | 0554 | 1.0 | 30 |
| | 1234 | 3.6 | 110 |
| | 2000 | 1.6 | 50 |
| **11** Th | 0109 | 3.6 | 110 |
| | 0632 | 0.3 | 10 |
| | 1306 | 3.9 | 120 |
| | 1947 | 1.6 | 50 |
| **12** F | 0139 | 3.9 | 120 |
| | 0708 | 0.0 | 0 |
| | 1339 | 4.3 | 130 |
| | 2000 | 1.3 | 40 |
| **13** Sa | 0206 | 4.3 | 130 |
| | 0745 | −0.3 | −10 |
| | 1411 | 4.6 | 140 |
| | 2024 | 1.0 | 30 |
| **14** Su | 0234 | 4.6 | 140 |
| | 0823 | −0.7 | −20 |
| | 1441 | 4.6 | 140 |
| | 2053 | 0.7 | 20 |
| **15** M ○ | 0258 | 4.9 | 150 |
| | 0900 | −0.7 | −20 |
| | 1506 | 4.6 | 140 |
| | 2123 | 0.3 | 10 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0319 | 4.9 | 150 |
| | 0939 | −0.3 | −10 |
| | 1528 | 4.3 | 130 |
| | 2154 | 0.3 | 10 |
| **17** W | 0345 | 4.6 | 140 |
| | 1019 | 0.0 | 0 |
| | 1554 | 3.9 | 120 |
| | 2223 | 0.7 | 20 |
| **18** Th | 0408 | 4.6 | 140 |
| | 1100 | 0.3 | 10 |
| | 1613 | 3.6 | 110 |
| | 2258 | 0.7 | 20 |
| **19** F | 0441 | 3.9 | 120 |
| | 1147 | 1.0 | 30 |
| | 1641 | 3.3 | 100 |
| | 2334 | 1.0 | 30 |
| **20** Sa | 0513 | 3.6 | 110 |
| | 1239 | 1.6 | 50 |
| | 1700 | 3.0 | 90 |
| **21** Su | 0021 | 1.3 | 40 |
| | 0613 | 2.6 | 80 |
| | 1011 | 3.0 | 90 |
| | 1353 | 2.3 | 70 |
| | 1700* | 2.6 | 80 |
| **22** M ◑ | 0145 | 1.6 | 50 |
| | 1126 | 3.6 | 110 |
| | 2053 | 2.0 | 60 |
| | 2347 | 2.3 | 70 |
| **23** Tu | 0556 | 1.3 | 40 |
| | 1217 | 3.9 | 120 |
| | 1928 | 2.0 | 60 |
| **24** W | 0021 | 2.6 | 80 |
| | 0639 | 0.7 | 20 |
| | 1300 | 4.3 | 130 |
| | 1924 | 1.6 | 50 |
| **25** Th | 0049 | 3.3 | 100 |
| | 0704 | 0.3 | 10 |
| | 1336 | 4.3 | 130 |
| | 1928 | 1.3 | 40 |
| **26** F | 0106 | 3.6 | 110 |
| | 0724 | 0.0 | 0 |
| | 1400 | 4.3 | 130 |
| | 1934 | 1.0 | 30 |
| **27** Sa | 0121 | 3.9 | 120 |
| | 0743 | 0.0 | 0 |
| | 1423 | 4.3 | 130 |
| | 1954 | 0.7 | 20 |
| **28** Su | 0141 | 4.3 | 130 |
| | 0808 | 0.0 | 0 |
| | 1438 | 4.3 | 130 |
| | 2021 | 0.3 | 10 |
| **29** M ● | 0204 | 4.6 | 140 |
| | 0838 | 0.0 | 0 |
| | 1453 | 3.9 | 120 |
| | 2056 | 0.3 | 10 |
| **30** Tu | 0234 | 4.9 | 150 |
| | 0908 | 0.3 | 10 |
| | 1508 | 3.9 | 120 |
| | 2134 | 0.0 | 0 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
* See Page 308 for the remaining tides on this day.

# Santos, Brazil, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0302 | 4.9 | 150 |
| | 0941 | 0.7 | 20 |
| | 1526 | 3.9 | 120 |
| | 2208 | 0.3 | 10 |
| **2** Th | 0336 | 4.6 | 140 |
| | 1006 | 1.0 | 30 |
| | 1547 | 3.6 | 110 |
| | 2249 | 0.3 | 10 |
| **3** F | 0406 | 4.3 | 130 |
| | 1021 | 1.3 | 40 |
| | 1600 | 3.3 | 100 |
| | 2326 | 0.7 | 20 |
| **4** Sa | 0443 | 3.9 | 120 |
| | 1004 | 1.6 | 50 |
| | 1606 | 3.3 | 100 |
| **5** Su | 0008 | 1.0 | 30 |
| | 0521 | 3.3 | 100 |
| | 1009 | 2.0 | 60 |
| | 1602 | 3.0 | 90 |
| **6** M | 0106 | 1.3 | 40 |
| | 0617 | 3.0 | 90 |
| | 1041 | 2.3 | 70 |
| | 1553 | 2.6 | 80 |
| | 2051* | 2.0 | 60 |
| **7** Tu ◐ | 0234 | 1.3 | 40 |
| | 0838 | 2.6 | 80 |
| | 1249 | 2.6 | 80 |
| | 1511 | 2.6 | 80 |
| | 1949* | 2.0 | 60 |
| **8** W | 0402 | 1.3 | 40 |
| | 1106 | 3.0 | 90 |
| | 1921 | 2.0 | 60 |
| | 2351 | 3.0 | 90 |
| **9** Th | 0506 | 0.7 | 20 |
| | 1151 | 3.6 | 110 |
| | 1906 | 1.6 | 50 |
| **10** F | 0023 | 3.6 | 110 |
| | 0553 | 0.3 | 10 |
| | 1228 | 3.9 | 120 |
| | 1904 | 1.3 | 40 |
| **11** Sa | 0058 | 3.9 | 120 |
| | 0630 | 0.0 | 0 |
| | 1304 | 4.3 | 130 |
| | 1919 | 1.0 | 30 |
| **12** Su | 0130 | 4.3 | 130 |
| | 0709 | −0.3 | −10 |
| | 1336 | 4.3 | 130 |
| | 1941 | 0.7 | 20 |
| **13** M | 0202 | 4.6 | 140 |
| | 0749 | −0.3 | −10 |
| | 1404 | 4.3 | 130 |
| | 2013 | 0.3 | 10 |
| **14** Tu ○ | 0232 | 4.9 | 150 |
| | 0828 | −0.3 | −10 |
| | 1426 | 4.3 | 130 |
| | 2049 | 0.3 | 10 |
| **15** W | 0300 | 4.9 | 150 |
| | 0908 | 0.0 | 0 |
| | 1451 | 3.9 | 120 |
| | 2126 | 0.3 | 10 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0328 | 4.6 | 140 |
| | 0953 | 0.3 | 10 |
| | 1511 | 3.6 | 110 |
| | 2208 | 0.3 | 10 |
| **17** F | 0402 | 4.3 | 130 |
| | 1039 | 1.0 | 30 |
| | 1539 | 3.6 | 110 |
| | 2254 | 0.3 | 10 |
| **18** Sa | 0441 | 3.9 | 120 |
| | 1126 | 1.3 | 40 |
| | 1600 | 3.3 | 100 |
| | 2343 | 0.7 | 20 |
| **19** Su | 0530 | 3.3 | 100 |
| | 1223 | 2.0 | 60 |
| | 1615 | 3.0 | 90 |
| **20** M | 0038 | 1.0 | 30 |
| | 0958 | 3.3 | 100 |
| | 1341 | 2.3 | 70 |
| | 1604 | 2.6 | 80 |
| | 2151 | 2.0 | 60 |
| **21** Tu ◑ | 0147 | 1.0 | 30 |
| | 1102 | 3.6 | 110 |
| | 1936 | 2.0 | 60 |
| | 2243 | 2.3 | 70 |
| **22** W | 0313 | 1.3 | 40 |
| | 1153 | 3.9 | 120 |
| | 1832 | 2.0 | 60 |
| | 2315 | 2.6 | 80 |
| **23** Th | 0526 | 1.0 | 30 |
| | 1224 | 3.9 | 120 |
| | 1821 | 1.6 | 50 |
| | 2339 | 3.3 | 100 |
| **24** F | 0553 | 0.7 | 20 |
| | 1254 | 3.9 | 120 |
| | 1813 | 1.3 | 40 |
| **25** Sa | 0002 | 3.6 | 110 |
| | 0619 | 0.7 | 20 |
| | 1315 | 3.9 | 120 |
| | 1830 | 1.0 | 30 |
| **26** Su | 0030 | 3.9 | 120 |
| | 0645 | 0.3 | 10 |
| | 1334 | 3.9 | 120 |
| | 1900 | 0.7 | 20 |
| **27** M | 0102 | 4.3 | 130 |
| | 0717 | 0.3 | 10 |
| | 1353 | 3.9 | 120 |
| | 1938 | 0.3 | 10 |
| **28** Tu ● | 0139 | 4.6 | 140 |
| | 0754 | 0.7 | 20 |
| | 1409 | 3.9 | 120 |
| | 2017 | 0.0 | 0 |
| **29** W | 0211 | 4.6 | 140 |
| | 0828 | 0.7 | 20 |
| | 1432 | 3.9 | 120 |
| | 2100 | 0.0 | 0 |
| **30** Th | 0249 | 4.6 | 140 |
| | 0900 | 1.0 | 30 |
| | 1453 | 3.6 | 110 |
| | 2145 | 0.0 | 0 |
| **31** F | 0321 | 4.6 | 140 |
| | 0926 | 1.3 | 40 |
| | 1506 | 3.6 | 110 |
| | 2228 | 0.3 | 10 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0358 | 4.3 | 130 |
| | 0943 | 1.3 | 40 |
| | 1519 | 3.3 | 100 |
| | 2309 | 0.7 | 20 |
| **2** Su | 0434 | 3.9 | 120 |
| | 0954 | 1.6 | 50 |
| | 1526 | 3.3 | 100 |
| | 2358 | 1.0 | 30 |
| **3** M | 0513 | 3.6 | 110 |
| | 1021 | 2.0 | 60 |
| | 1532 | 3.0 | 90 |
| **4** Tu | 0053 | 1.0 | 30 |
| | 0608 | 3.3 | 100 |
| | 1104 | 2.0 | 60 |
| | 1534 | 3.0 | 90 |
| | 1954* | 2.3 | 70 |
| **5** W | 0154 | 1.0 | 30 |
| | 0734 | 3.0 | 90 |
| | 1223 | 2.3 | 70 |
| | 1532 | 2.6 | 80 |
| | 1856* | 2.3 | 70 |
| **6** Th ◐ | 0300 | 1.0 | 30 |
| | 0934 | 3.0 | 90 |
| | 1834 | 2.0 | 60 |
| | 2256 | 3.3 | 100 |
| **7** F | 0402 | 0.7 | 20 |
| | 1054 | 3.3 | 100 |
| | 1819 | 1.6 | 50 |
| | 2338 | 3.6 | 110 |
| **8** Sa | 0458 | 0.3 | 10 |
| | 1147 | 3.6 | 110 |
| | 1815 | 1.3 | 40 |
| **9** Su | 0015 | 3.9 | 120 |
| | 0545 | 0.3 | 10 |
| | 1226 | 3.9 | 120 |
| | 1828 | 1.0 | 30 |
| **10** M | 0054 | 4.3 | 130 |
| | 0628 | 0.0 | 0 |
| | 1258 | 3.9 | 120 |
| | 1858 | 0.7 | 20 |
| **11** Tu | 0134 | 4.6 | 140 |
| | 0711 | 0.0 | 0 |
| | 1326 | 3.9 | 120 |
| | 1936 | 0.3 | 10 |
| **12** W | 0209 | 4.6 | 140 |
| | 0800 | 0.3 | 10 |
| | 1353 | 3.9 | 120 |
| | 2017 | 0.3 | 10 |
| **13** Th ○ | 0249 | 4.6 | 140 |
| | 0849 | 0.3 | 10 |
| | 1415 | 3.6 | 110 |
| | 2106 | 0.3 | 10 |
| **14** F | 0328 | 4.6 | 140 |
| | 0938 | 1.0 | 30 |
| | 1445 | 3.6 | 110 |
| | 2158 | 0.3 | 10 |
| **15** Sa | 0411 | 4.3 | 130 |
| | 1024 | 1.3 | 40 |
| | 1508 | 3.3 | 100 |
| | 2251 | 0.3 | 10 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0504 | 3.6 | 110 |
| | 1113 | 1.6 | 50 |
| | 1538 | 3.3 | 100 |
| | 2343 | 0.3 | 10 |
| **17** M | 0728 | 3.3 | 100 |
| | 1204 | 2.0 | 60 |
| | 1600 | 3.0 | 90 |
| **18** Tu | 0032 | 0.7 | 20 |
| | 0911 | 3.3 | 100 |
| | 1300 | 2.3 | 70 |
| | 1619 | 3.0 | 90 |
| **19** W ◑ | 0121 | 1.0 | 30 |
| | 1017 | 3.3 | 100 |
| | 1402 | 2.3 | 70 |
| | 1651 | 2.6 | 80 |
| **20** Th | 0213 | 1.0 | 30 |
| | 1108 | 3.3 | 100 |
| | 1515 | 2.3 | 70 |
| | 2139 | 2.6 | 80 |
| **21** F | 0311 | 1.0 | 30 |
| | 1149 | 3.3 | 100 |
| | 1619 | 2.0 | 60 |
| | 2224 | 3.3 | 100 |
| **22** Sa | 0409 | 1.0 | 30 |
| | 1211 | 3.3 | 100 |
| | 1702 | 1.6 | 50 |
| | 2308 | 3.6 | 110 |
| **23** Su | 0504 | 1.0 | 30 |
| | 1234 | 3.3 | 100 |
| | 1743 | 1.0 | 30 |
| | 2353 | 3.9 | 120 |
| **24** M | 0553 | 1.0 | 30 |
| | 1256 | 3.6 | 110 |
| | 1823 | 0.7 | 20 |
| **25** Tu | 0036 | 4.3 | 130 |
| | 0636 | 1.0 | 30 |
| | 1319 | 3.6 | 110 |
| | 1906 | 0.3 | 10 |
| **26** W | 0117 | 4.3 | 130 |
| | 0717 | 1.0 | 30 |
| | 1347 | 3.6 | 110 |
| | 1951 | 0.0 | 0 |
| **27** Th ● | 0158 | 4.6 | 140 |
| | 0758 | 1.0 | 30 |
| | 1408 | 3.6 | 110 |
| | 2036 | 0.0 | 0 |
| **28** F | 0238 | 4.6 | 140 |
| | 0834 | 1.3 | 40 |
| | 1428 | 3.6 | 110 |
| | 2121 | 0.0 | 0 |
| **29** Sa | 0309 | 4.3 | 130 |
| | 0902 | 1.3 | 40 |
| | 1447 | 3.6 | 110 |
| | 2206 | 0.3 | 10 |
| **30** Su | 0349 | 4.3 | 130 |
| | 0930 | 1.3 | 40 |
| | 1500 | 3.6 | 110 |
| | 2253 | 0.3 | 10 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0423 | 3.9 | 120 |
| | 0956 | 1.6 | 50 |
| | 1515 | 3.6 | 110 |
| | 2339 | 0.7 | 20 |
| **2** Tu | 0504 | 3.9 | 120 |
| | 1026 | 1.6 | 50 |
| | 1536 | 3.3 | 100 |
| **3** W | 0024 | 0.7 | 20 |
| | 0553 | 3.6 | 110 |
| | 1106 | 2.0 | 60 |
| | 1554 | 3.0 | 90 |
| **4** Th | 0115 | 0.7 | 20 |
| | 0649 | 3.3 | 100 |
| | 1200 | 2.0 | 60 |
| | 1606 | 2.6 | 80 |
| | 1832* | 2.6 | 80 |
| **5** F ◐ | 0209 | 1.0 | 30 |
| | 0800 | 3.3 | 100 |
| | 1315 | 2.3 | 70 |
| | 1617 | 2.3 | 70 |
| | 1745* | 2.3 | 70 |
| **6** Sa | 0306 | 0.7 | 20 |
| | 0921 | 3.3 | 100 |
| | 1630 | 2.0 | 60 |
| | 2256 | 3.6 | 110 |
| **7** Su | 0404 | 0.7 | 20 |
| | 1041 | 3.3 | 100 |
| | 1719 | 1.6 | 50 |
| | 2345 | 3.9 | 120 |
| **8** M | 0500 | 0.7 | 20 |
| | 1145 | 3.3 | 100 |
| | 1751 | 1.3 | 40 |
| **9** Tu | 0032 | 4.3 | 130 |
| | 0556 | 0.7 | 20 |
| | 1232 | 3.6 | 110 |
| | 1830 | 1.0 | 30 |
| **10** W | 0121 | 4.3 | 130 |
| | 0651 | 0.7 | 20 |
| | 1309 | 3.6 | 110 |
| | 1915 | 0.7 | 20 |
| **11** Th | 0213 | 4.6 | 140 |
| | 0747 | 1.0 | 30 |
| | 1339 | 3.6 | 110 |
| | 2006 | 0.3 | 10 |
| **12** F ○ | 0306 | 4.6 | 140 |
| | 0843 | 1.0 | 30 |
| | 1406 | 3.6 | 110 |
| | 2100 | 0.3 | 10 |
| **13** Sa | 0356 | 4.6 | 140 |
| | 0934 | 1.3 | 40 |
| | 1436 | 3.6 | 110 |
| | 2154 | 0.0 | 0 |
| **14** Su | 0445 | 4.3 | 130 |
| | 1019 | 1.3 | 40 |
| | 1504 | 3.6 | 110 |
| | 2245 | 0.0 | 0 |
| **15** M | 0532 | 3.9 | 120 |
| | 1100 | 1.6 | 50 |
| | 1534 | 3.6 | 110 |
| | 2328 | 0.3 | 10 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0615 | 3.6 | 110 |
| | 1139 | 2.0 | 60 |
| | 1602 | 3.6 | 110 |
| **17** W | 0008 | 0.7 | 20 |
| | 0626 | 3.3 | 100 |
| | 1211 | 2.0 | 60 |
| | 1638 | 3.6 | 110 |
| **18** Th | 0051 | 1.0 | 30 |
| | 0651 | 3.0 | 90 |
| | 1256 | 2.0 | 60 |
| | 1721 | 3.3 | 100 |
| **19** F ◑ | 0130 | 1.3 | 40 |
| | 0723 | 3.0 | 90 |
| | 1349 | 2.3 | 70 |
| | 1843 | 3.3 | 100 |
| **20** Sa | 0213 | 1.3 | 40 |
| | 1049 | 2.6 | 80 |
| | 1456 | 2.0 | 60 |
| | 2056 | 3.3 | 100 |
| **21** Su | 0309 | 1.6 | 50 |
| | 1139 | 2.6 | 80 |
| | 1609 | 1.6 | 50 |
| | 2223 | 3.3 | 100 |
| **22** M | 0411 | 1.6 | 50 |
| | 1213 | 3.0 | 90 |
| | 1711 | 1.3 | 40 |
| | 2332 | 3.6 | 110 |
| **23** Tu | 0517 | 1.6 | 50 |
| | 1247 | 3.3 | 100 |
| | 1804 | 1.0 | 30 |
| **24** W | 0026 | 3.9 | 120 |
| | 0613 | 1.6 | 50 |
| | 1317 | 3.3 | 100 |
| | 1853 | 0.7 | 20 |
| **25** Th | 0113 | 4.3 | 130 |
| | 0702 | 1.6 | 50 |
| | 1349 | 3.6 | 110 |
| | 1938 | 0.3 | 10 |
| **26** F | 0156 | 4.3 | 130 |
| | 0745 | 1.3 | 40 |
| | 1411 | 3.6 | 110 |
| | 2019 | 0.3 | 10 |
| **27** Sa ● | 0234 | 4.6 | 140 |
| | 0821 | 1.3 | 40 |
| | 1434 | 3.9 | 120 |
| | 2104 | 0.0 | 0 |
| **28** Su | 0306 | 4.6 | 140 |
| | 0856 | 1.3 | 40 |
| | 1453 | 3.9 | 120 |
| | 2151 | 0.0 | 0 |
| **29** M | 0341 | 4.6 | 140 |
| | 0926 | 1.3 | 40 |
| | 1511 | 3.9 | 120 |
| | 2232 | 0.3 | 10 |
| **30** Tu | 0413 | 4.6 | 140 |
| | 0956 | 1.3 | 40 |
| | 1536 | 3.9 | 120 |
| | 2313 | 0.3 | 10 |
| **31** W | 0451 | 4.3 | 130 |
| | 1024 | 1.6 | 50 |
| | 1602 | 3.6 | 110 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.
* See Page 308 for the remaining tides on this day.

# Buenos Aires, Argentina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0224 | 4.5 | 136 |
| | 1004 | 1.9 | 59 |
| | 1349 | 2.4 | 73 |
| | 2006 | 1.4 | 43 |
| **2** W | 0314 | 4.3 | 130 |
| | 1045 | 1.9 | 59 |
| | 1452 | 2.4 | 74 |
| | 2048 | 1.6 | 49 |
| **3** Th | 0402 | 4.1 | 124 |
| | 1120 | 1.9 | 59 |
| | 1607 | 2.5 | 77 |
| | 2138 | 1.8 | 56 |
| **4** F | 0446 | 3.9 | 118 |
| | 1153 | 1.9 | 58 |
| | 1723 | 2.7 | 83 |
| | 2238 | 2.1 | 63 |
| **5** Sa | 0526 | 3.7 | 112 |
| | 1227 | 1.8 | 55 |
| | 1820 | 3.0 | 91 |
| | 2347 | 2.2 | 68 |
| **6** Su | 0559 | 3.5 | 107 |
| | 1300 | 1.7 | 52 |
| | 1903 | 3.2 | 99 |
| **7** M | 0056 | 2.3 | 71 |
| | 0624 | 3.4 | 103 |
| | 1331 | 1.6 | 49 |
| | 1936 | 3.5 | 107 |
| **8** Tu ● | 0158 | 2.4 | 73 |
| | 0644 | 3.2 | 99 |
| | 1358 | 1.5 | 45 |
| | 2007 | 3.7 | 114 |
| **9** W | 0254 | 2.4 | 73 |
| | 0709 | 3.2 | 97 |
| | 1424 | 1.3 | 40 |
| | 2040 | 3.9 | 120 |
| **10** Th | 0345 | 2.4 | 73 |
| | 0740 | 3.1 | 94 |
| | 1453 | 1.2 | 36 |
| | 2117 | 4.1 | 124 |
| **11** F | 0432 | 2.3 | 71 |
| | 0817 | 3.0 | 92 |
| | 1529 | 1.0 | 32 |
| | 2156 | 4.2 | 129 |
| **12** Sa | 0518 | 2.3 | 70 |
| | 0857 | 2.9 | 89 |
| | 1609 | 1.0 | 29 |
| | 2239 | 4.4 | 133 |
| **13** Su | 0602 | 2.2 | 68 |
| | 0939 | 2.9 | 87 |
| | 1653 | 0.9 | 28 |
| | 2326 | 4.5 | 137 |
| **14** M | 0645 | 2.2 | 67 |
| | 1022 | 2.8 | 86 |
| | 1740 | 1.0 | 29 |
| **15** Tu ◐ | 0014 | 4.6 | 140 |
| | 0729 | 2.2 | 67 |
| | 1110 | 2.9 | 87 |
| | 1829 | 1.0 | 31 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0104 | 4.7 | 143 |
| | 0816 | 2.2 | 67 |
| | 1203 | 3.0 | 90 |
| | 1925 | 1.2 | 36 |
| **17** Th | 0155 | 4.7 | 143 |
| | 0907 | 2.2 | 66 |
| | 1303 | 3.1 | 94 |
| | 2031 | 1.4 | 42 |
| **18** F | 0247 | 4.6 | 141 |
| | 0959 | 2.1 | 65 |
| | 1408 | 3.3 | 101 |
| | 2146 | 1.6 | 48 |
| **19** Sa | 0340 | 4.5 | 137 |
| | 1053 | 2.0 | 62 |
| | 1518 | 3.5 | 108 |
| | 2304 | 1.8 | 54 |
| **20** Su | 0435 | 4.3 | 130 |
| | 1147 | 1.9 | 58 |
| | 1635 | 3.8 | 116 |
| **21** M | 0021 | 1.9 | 59 |
| | 0533 | 4.0 | 122 |
| | 1240 | 1.7 | 52 |
| | 1758 | 4.1 | 125 |
| **22** Tu ○ | 0140 | 2.1 | 63 |
| | 0631 | 3.7 | 114 |
| | 1333 | 1.5 | 46 |
| | 1917 | 4.4 | 134 |
| **23** W | 0257 | 2.1 | 64 |
| | 0728 | 3.5 | 106 |
| | 1425 | 1.3 | 41 |
| | 2028 | 4.6 | 140 |
| **24** Th | 0410 | 2.1 | 64 |
| | 0820 | 3.2 | 99 |
| | 1517 | 1.2 | 36 |
| | 2131 | 4.7 | 144 |
| **25** F | 0514 | 2.1 | 64 |
| | 0908 | 3.1 | 93 |
| | 1608 | 1.1 | 33 |
| | 2231 | 4.8 | 145 |
| **26** Sa | 0611 | 2.1 | 64 |
| | 0953 | 2.9 | 89 |
| | 1656 | 1.0 | 32 |
| | 2327 | 4.7 | 144 |
| **27** Su | 0659 | 2.1 | 64 |
| | 1036 | 2.8 | 86 |
| | 1739 | 1.0 | 32 |
| **28** M | 0018 | 4.7 | 142 |
| | 0739 | 2.1 | 65 |
| | 1118 | 2.8 | 84 |
| | 1818 | 1.1 | 35 |
| **29** Tu | 0104 | 4.5 | 138 |
| | 0809 | 2.2 | 66 |
| | 1201 | 2.7 | 83 |
| | 1851 | 1.3 | 39 |
| **30** W ◑ | 0146 | 4.4 | 133 |
| | 0835 | 2.2 | 67 |
| | 1246 | 2.7 | 83 |
| | 1921 | 1.4 | 44 |
| **31** Th | 0227 | 4.2 | 127 |
| | 0907 | 2.2 | 66 |
| | 1336 | 2.8 | 84 |
| | 1958 | 1.6 | 50 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0306 | 3.9 | 120 |
| | 0947 | 2.2 | 66 |
| | 1436 | 2.8 | 85 |
| | 2044 | 1.9 | 57 |
| **2** Sa | 0344 | 3.7 | 113 |
| | 1032 | 2.1 | 64 |
| | 1548 | 2.9 | 88 |
| | 2142 | 2.1 | 64 |
| **3** Su | 0419 | 3.5 | 106 |
| | 1115 | 2.0 | 61 |
| | 1704 | 3.1 | 93 |
| | 2249 | 2.3 | 71 |
| **4** M | 0448 | 3.3 | 101 |
| | 1153 | 1.9 | 57 |
| | 1807 | 3.3 | 100 |
| **5** Tu | 0004 | 2.5 | 75 |
| | 0518 | 3.2 | 97 |
| | 1226 | 1.7 | 52 |
| | 1854 | 3.5 | 108 |
| **6** W | 0120 | 2.5 | 76 |
| | 0552 | 3.1 | 95 |
| | 1300 | 1.5 | 45 |
| | 1935 | 3.8 | 115 |
| **7** Th ● | 0226 | 2.5 | 76 |
| | 0632 | 3.1 | 94 |
| | 1339 | 1.3 | 39 |
| | 2014 | 4.0 | 123 |
| **8** F | 0321 | 2.4 | 74 |
| | 0714 | 3.1 | 94 |
| | 1423 | 1.1 | 33 |
| | 2055 | 4.2 | 129 |
| **9** Sa | 0409 | 2.4 | 72 |
| | 0757 | 3.1 | 94 |
| | 1511 | 1.0 | 30 |
| | 2138 | 4.4 | 134 |
| **10** Su | 0452 | 2.3 | 71 |
| | 0839 | 3.1 | 95 |
| | 1600 | 0.9 | 28 |
| | 2225 | 4.6 | 139 |
| **11** M | 0533 | 2.3 | 70 |
| | 0921 | 3.1 | 96 |
| | 1651 | 0.9 | 28 |
| | 2316 | 4.7 | 142 |
| **12** Tu | 0614 | 2.3 | 70 |
| | 1005 | 3.2 | 99 |
| | 1744 | 1.0 | 29 |
| **13** W | 0006 | 4.7 | 143 |
| | 0656 | 2.3 | 71 |
| | 1053 | 3.4 | 103 |
| | 1839 | 1.1 | 33 |
| **14** Th ◐ | 0057 | 4.7 | 142 |
| | 0740 | 2.3 | 71 |
| | 1147 | 3.5 | 107 |
| | 1939 | 1.2 | 38 |
| **15** F | 0147 | 4.6 | 139 |
| | 0830 | 2.3 | 70 |
| | 1248 | 3.7 | 112 |
| | 2045 | 1.5 | 45 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0236 | 4.4 | 134 |
| | 0924 | 2.2 | 68 |
| | 1354 | 3.8 | 115 |
| | 2157 | 1.7 | 52 |
| **17** Su | 0329 | 4.1 | 126 |
| | 1022 | 2.1 | 64 |
| | 1509 | 3.9 | 118 |
| | 2312 | 1.9 | 58 |
| **18** M | 0425 | 3.8 | 117 |
| | 1122 | 1.9 | 58 |
| | 1640 | 4.0 | 122 |
| **19** Tu | 0030 | 2.1 | 63 |
| | 0527 | 3.6 | 110 |
| | 1221 | 1.7 | 51 |
| | 1820 | 4.2 | 127 |
| **20** W | 0149 | 2.2 | 66 |
| | 0628 | 3.4 | 103 |
| | 1320 | 1.5 | 45 |
| | 1939 | 4.4 | 134 |
| **21** Th ○ | 0303 | 2.2 | 67 |
| | 0723 | 3.2 | 99 |
| | 1416 | 1.3 | 39 |
| | 2041 | 4.5 | 138 |
| **22** F | 0405 | 2.2 | 67 |
| | 0809 | 3.1 | 96 |
| | 1509 | 1.1 | 35 |
| | 2135 | 4.6 | 140 |
| **23** Sa | 0456 | 2.2 | 67 |
| | 0849 | 3.1 | 95 |
| | 1559 | 1.1 | 34 |
| | 2224 | 4.6 | 139 |
| **24** Su | 0535 | 2.2 | 68 |
| | 0926 | 3.1 | 95 |
| | 1643 | 1.1 | 34 |
| | 2309 | 4.5 | 137 |
| **25** M | 0604 | 2.3 | 69 |
| | 1002 | 3.1 | 95 |
| | 1721 | 1.2 | 36 |
| | 2350 | 4.4 | 134 |
| **26** Tu | 0625 | 2.3 | 70 |
| | 1039 | 3.1 | 96 |
| | 1754 | 1.3 | 39 |
| **27** W | 0028 | 4.3 | 130 |
| | 0647 | 2.3 | 69 |
| | 1116 | 3.2 | 97 |
| | 1823 | 1.4 | 42 |
| **28** Th ◑ | 0104 | 4.1 | 125 |
| | 0715 | 2.2 | 68 |
| | 1155 | 3.2 | 98 |
| | 1852 | 1.5 | 46 |
| **29** F | 0139 | 3.9 | 119 |
| | 0747 | 2.2 | 68 |
| | 1238 | 3.2 | 98 |
| | 1927 | 1.7 | 51 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0211 | 3.7 | 112 |
| | 0820 | 2.2 | 68 |
| | 1326 | 3.2 | 97 |
| | 2011 | 1.9 | 57 |
| **2** Su | 0238 | 3.4 | 104 |
| | 0852 | 2.2 | 66 |
| | 1427 | 3.2 | 97 |
| | 2104 | 2.1 | 64 |
| **3** M | 0302 | 3.2 | 98 |
| | 0930 | 2.1 | 63 |
| | 1539 | 3.2 | 98 |
| | 2209 | 2.3 | 69 |
| **4** Tu | 0332 | 3.1 | 94 |
| | 1017 | 1.9 | 58 |
| | 1653 | 3.4 | 103 |
| | 2324 | 2.4 | 73 |
| **5** W | 0419 | 3.0 | 92 |
| | 1110 | 1.7 | 52 |
| | 1757 | 3.6 | 110 |
| **6** Th | 0045 | 2.4 | 74 |
| | 0513 | 3.0 | 92 |
| | 1205 | 1.5 | 45 |
| | 1850 | 3.9 | 118 |
| **7** F ● | 0154 | 2.4 | 73 |
| | 0606 | 3.1 | 93 |
| | 1302 | 1.3 | 39 |
| | 1937 | 4.1 | 126 |
| **8** Sa | 0248 | 2.3 | 71 |
| | 0654 | 3.2 | 97 |
| | 1400 | 1.1 | 34 |
| | 2023 | 4.4 | 133 |
| **9** Su | 0333 | 2.3 | 70 |
| | 0739 | 3.3 | 101 |
| | 1458 | 1.0 | 31 |
| | 2111 | 4.5 | 138 |
| **10** M | 0416 | 2.3 | 70 |
| | 0821 | 3.5 | 106 |
| | 1554 | 1.0 | 29 |
| | 2202 | 4.6 | 140 |
| **11** Tu | 0456 | 2.3 | 70 |
| | 0904 | 3.6 | 111 |
| | 1651 | 1.0 | 29 |
| | 2257 | 4.6 | 140 |
| **12** W | 0537 | 2.3 | 71 |
| | 0950 | 3.8 | 117 |
| | 1748 | 1.0 | 31 |
| | 2353 | 4.5 | 138 |
| **13** Th | 0619 | 2.3 | 71 |
| | 1040 | 4.0 | 122 |
| | 1846 | 1.1 | 34 |
| **14** F ◐ | 0046 | 4.4 | 133 |
| | 0705 | 2.3 | 71 |
| | 1138 | 4.1 | 126 |
| | 1949 | 1.3 | 40 |
| **15** Sa | 0137 | 4.2 | 127 |
| | 0755 | 2.3 | 69 |
| | 1242 | 4.2 | 127 |
| | 2056 | 1.5 | 46 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0228 | 3.9 | 119 |
| | 0853 | 2.2 | 66 |
| | 1353 | 4.2 | 127 |
| | 2208 | 1.7 | 52 |
| **17** M | 0322 | 3.6 | 110 |
| | 0956 | 2.0 | 61 |
| | 1517 | 4.1 | 125 |
| | 2323 | 1.9 | 58 |
| **18** Tu | 0423 | 3.4 | 103 |
| | 1101 | 1.8 | 55 |
| | 1702 | 4.1 | 125 |
| **19** W | 0040 | 2.0 | 61 |
| | 0531 | 3.2 | 97 |
| | 1207 | 1.6 | 49 |
| | 1836 | 4.2 | 128 |
| **20** Th | 0154 | 2.1 | 63 |
| | 0635 | 3.1 | 95 |
| | 1310 | 1.4 | 44 |
| | 1943 | 4.3 | 131 |
| **21** F ○ | 0255 | 2.1 | 63 |
| | 0724 | 3.1 | 96 |
| | 1408 | 1.3 | 40 |
| | 2037 | 4.4 | 133 |
| **22** Sa | 0342 | 2.1 | 65 |
| | 0802 | 3.2 | 97 |
| | 1501 | 1.2 | 38 |
| | 2123 | 4.3 | 132 |
| **23** Su | 0417 | 2.2 | 66 |
| | 0834 | 3.2 | 99 |
| | 1547 | 1.2 | 38 |
| | 2203 | 4.2 | 129 |
| **24** M | 0440 | 2.2 | 67 |
| | 0904 | 3.3 | 102 |
| | 1628 | 1.3 | 40 |
| | 2238 | 4.1 | 126 |
| **25** Tu | 0501 | 2.2 | 67 |
| | 0935 | 3.5 | 106 |
| | 1703 | 1.4 | 42 |
| | 2312 | 4.0 | 122 |
| **26** W | 0524 | 2.2 | 66 |
| | 1009 | 3.5 | 108 |
| | 1733 | 1.4 | 44 |
| | 2346 | 3.9 | 118 |
| **27** Th | 0551 | 2.1 | 65 |
| | 1043 | 3.6 | 110 |
| | 1802 | 1.5 | 46 |
| **28** F | 0018 | 3.7 | 112 |
| | 0618 | 2.1 | 65 |
| | 1119 | 3.6 | 110 |
| | 1832 | 1.6 | 48 |
| **29** Sa ◑ | 0047 | 3.5 | 106 |
| | 0642 | 2.1 | 64 |
| | 1157 | 3.6 | 109 |
| | 1907 | 1.7 | 52 |
| **30** Su | 0109 | 3.2 | 99 |
| | 0705 | 2.0 | 62 |
| | 1239 | 3.5 | 108 |
| | 1948 | 1.8 | 56 |
| **31** M | 0126 | 3.1 | 94 |
| | 0735 | 1.9 | 59 |
| | 1330 | 3.5 | 106 |
| | 2037 | 2.0 | 60 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Buenos Aires, Argentina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Tu | 0153 | 2.9 | 89 |
| | 0818 | 1.8 | 56 |
| | 1436 | 3.5 | 106 |
| | 2138 | 2.1 | 64 |
| 2 W | 0236 | 2.8 | 86 |
| | 0916 | 1.7 | 52 |
| | 1550 | 3.5 | 108 |
| | 2252 | 2.2 | 67 |
| 3 Th | 0337 | 2.8 | 86 |
| | 1020 | 1.6 | 48 |
| | 1700 | 3.7 | 113 |
| 4 F | 0011 | 2.2 | 67 |
| | 0442 | 2.9 | 88 |
| | 1126 | 1.4 | 44 |
| | 1801 | 4.0 | 121 |
| 5 Sa | 0116 | 2.2 | 66 |
| | 0540 | 3.1 | 93 |
| | 1234 | 1.3 | 39 |
| | 1854 | 4.2 | 128 |
| 6 Su ● | 0208 | 2.2 | 66 |
| | 0631 | 3.3 | 100 |
| | 1341 | 1.1 | 35 |
| | 1946 | 4.4 | 133 |
| 7 M | 0254 | 2.2 | 66 |
| | 0716 | 3.6 | 109 |
| | 1445 | 1.0 | 32 |
| | 2039 | 4.4 | 135 |
| 8 Tu | 0337 | 2.2 | 66 |
| | 0800 | 3.9 | 118 |
| | 1547 | 1.0 | 30 |
| | 2134 | 4.4 | 134 |
| 9 W | 0419 | 2.2 | 67 |
| | 0846 | 4.2 | 127 |
| | 1648 | 1.0 | 30 |
| | 2234 | 4.3 | 130 |
| 10 Th | 0502 | 2.2 | 67 |
| | 0935 | 4.4 | 133 |
| | 1748 | 1.0 | 31 |
| | 2334 | 4.1 | 124 |
| 11 F | 0547 | 2.2 | 66 |
| | 1032 | 4.5 | 137 |
| | 1851 | 1.1 | 34 |
| 12 Sa ◐ | 0031 | 3.8 | 117 |
| | 0635 | 2.1 | 64 |
| | 1136 | 4.5 | 137 |
| | 1956 | 1.2 | 38 |
| 13 Su | 0124 | 3.6 | 109 |
| | 0728 | 2.0 | 61 |
| | 1248 | 4.4 | 135 |
| | 2105 | 1.4 | 43 |
| 14 M | 0217 | 3.3 | 101 |
| | 0828 | 1.9 | 57 |
| | 1405 | 4.3 | 131 |
| | 2216 | 1.6 | 48 |
| 15 Tu | 0315 | 3.1 | 94 |
| | 0934 | 1.7 | 53 |
| | 1534 | 4.1 | 126 |
| | 2329 | 1.7 | 52 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 W | 0421 | 2.9 | 89 |
| | 1043 | 1.6 | 49 |
| | 1712 | 4.1 | 124 |
| 17 Th | 0039 | 1.8 | 55 |
| | 0534 | 2.9 | 88 |
| | 1152 | 1.5 | 45 |
| | 1829 | 4.1 | 124 |
| 18 F | 0140 | 1.8 | 56 |
| | 0635 | 3.0 | 90 |
| | 1257 | 1.4 | 42 |
| | 1929 | 4.1 | 124 |
| 19 Sa | 0227 | 1.9 | 58 |
| | 0718 | 3.1 | 93 |
| | 1355 | 1.3 | 40 |
| | 2018 | 4.0 | 122 |
| 20 Su ○ | 0301 | 2.0 | 60 |
| | 0750 | 3.2 | 98 |
| | 1446 | 1.3 | 41 |
| | 2058 | 3.9 | 119 |
| 21 M | 0325 | 2.0 | 61 |
| | 0817 | 3.3 | 102 |
| | 1529 | 1.4 | 42 |
| | 2131 | 3.8 | 116 |
| 22 Tu | 0347 | 2.0 | 61 |
| | 0843 | 3.5 | 107 |
| | 1607 | 1.4 | 44 |
| | 2200 | 3.6 | 111 |
| 23 W | 0413 | 2.0 | 60 |
| | 0912 | 3.6 | 111 |
| | 1641 | 1.5 | 46 |
| | 2229 | 3.5 | 107 |
| 24 Th | 0441 | 1.9 | 59 |
| | 0943 | 3.7 | 114 |
| | 1712 | 1.5 | 47 |
| | 2257 | 3.3 | 102 |
| 25 F | 0507 | 1.9 | 58 |
| | 1016 | 3.8 | 115 |
| | 1743 | 1.5 | 47 |
| | 2323 | 3.1 | 96 |
| 26 Sa | 0529 | 1.8 | 56 |
| | 1051 | 3.7 | 114 |
| | 1815 | 1.6 | 48 |
| | 2343 | 3.0 | 91 |
| 27 Su | 0548 | 1.7 | 53 |
| | 1127 | 3.7 | 113 |
| | 1850 | 1.6 | 50 |
| 28 M ◑ | 0004 | 2.9 | 87 |
| | 0614 | 1.6 | 50 |
| | 1207 | 3.6 | 111 |
| | 1929 | 1.7 | 52 |
| 29 Tu | 0034 | 2.7 | 83 |
| | 0652 | 1.5 | 47 |
| | 1256 | 3.6 | 110 |
| | 2015 | 1.8 | 54 |
| 30 W | 0113 | 2.6 | 80 |
| | 0741 | 1.4 | 44 |
| | 1357 | 3.6 | 110 |
| | 2112 | 1.9 | 57 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Th | 0203 | 2.6 | 79 |
| | 0842 | 1.4 | 43 |
| | 1507 | 3.7 | 112 |
| | 2222 | 1.9 | 59 |
| 2 F | 0304 | 2.7 | 81 |
| | 0949 | 1.3 | 41 |
| | 1616 | 3.8 | 117 |
| | 2333 | 2.0 | 60 |
| 3 Sa | 0408 | 2.8 | 85 |
| | 1059 | 1.3 | 39 |
| | 1719 | 4.0 | 122 |
| 4 Su | 0035 | 2.0 | 60 |
| | 0507 | 3.1 | 94 |
| | 1212 | 1.2 | 36 |
| | 1816 | 4.2 | 127 |
| 5 M ● | 0126 | 2.0 | 60 |
| | 0559 | 3.4 | 105 |
| | 1324 | 1.1 | 34 |
| | 1912 | 4.2 | 128 |
| 6 Tu | 0214 | 2.0 | 60 |
| | 0648 | 3.8 | 117 |
| | 1432 | 1.0 | 31 |
| | 2008 | 4.1 | 126 |
| 7 W | 0300 | 2.0 | 60 |
| | 0736 | 4.2 | 128 |
| | 1538 | 1.0 | 30 |
| | 2107 | 4.0 | 121 |
| 8 Th | 0346 | 1.9 | 59 |
| | 0827 | 4.5 | 136 |
| | 1642 | 1.0 | 30 |
| | 2211 | 3.7 | 114 |
| 9 F | 0433 | 1.9 | 58 |
| | 0924 | 4.6 | 140 |
| | 1746 | 1.0 | 31 |
| | 2314 | 3.5 | 106 |
| 10 Sa | 0522 | 1.8 | 55 |
| | 1030 | 4.6 | 141 |
| | 1853 | 1.1 | 33 |
| 11 Su | 0012 | 3.2 | 99 |
| | 0614 | 1.7 | 51 |
| | 1144 | 4.5 | 138 |
| | 2000 | 1.2 | 36 |
| 12 M ◐ | 0107 | 3.0 | 92 |
| | 0711 | 1.5 | 47 |
| | 1300 | 4.4 | 134 |
| | 2107 | 1.3 | 40 |
| 13 Tu | 0201 | 2.9 | 87 |
| | 0812 | 1.4 | 44 |
| | 1418 | 4.2 | 128 |
| | 2214 | 1.4 | 43 |
| 14 W | 0259 | 2.7 | 82 |
| | 0917 | 1.3 | 41 |
| | 1540 | 4.0 | 122 |
| | 2318 | 1.5 | 47 |
| 15 Th | 0404 | 2.6 | 80 |
| | 1024 | 1.3 | 39 |
| | 1701 | 3.9 | 118 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 F | 0017 | 1.6 | 50 |
| | 0513 | 2.7 | 82 |
| | 1131 | 1.3 | 39 |
| | 1809 | 3.8 | 115 |
| 17 Sa | 0105 | 1.7 | 52 |
| | 0611 | 2.8 | 86 |
| | 1236 | 1.3 | 39 |
| | 1904 | 3.7 | 112 |
| 18 Su | 0143 | 1.8 | 54 |
| | 0653 | 3.0 | 91 |
| | 1333 | 1.3 | 40 |
| | 1950 | 3.6 | 109 |
| 19 M ○ | 0209 | 1.8 | 54 |
| | 0726 | 3.2 | 97 |
| | 1422 | 1.4 | 42 |
| | 2027 | 3.4 | 105 |
| 20 Tu | 0236 | 1.8 | 54 |
| | 0753 | 3.3 | 102 |
| | 1505 | 1.4 | 44 |
| | 2056 | 3.3 | 100 |
| 21 W | 0305 | 1.7 | 53 |
| | 0818 | 3.5 | 107 |
| | 1543 | 1.5 | 45 |
| | 2122 | 3.1 | 96 |
| 22 Th | 0335 | 1.7 | 52 |
| | 0847 | 3.6 | 110 |
| | 1618 | 1.5 | 46 |
| | 2144 | 3.0 | 91 |
| 23 F | 0404 | 1.6 | 50 |
| | 0920 | 3.7 | 112 |
| | 1653 | 1.5 | 46 |
| | 2205 | 2.9 | 87 |
| 24 Sa | 0428 | 1.6 | 49 |
| | 0953 | 3.7 | 112 |
| | 1727 | 1.5 | 46 |
| | 2226 | 2.7 | 83 |
| 25 Su | 0448 | 1.5 | 45 |
| | 1028 | 3.6 | 111 |
| | 1800 | 1.5 | 46 |
| | 2253 | 2.6 | 80 |
| 26 M | 0515 | 1.3 | 41 |
| | 1106 | 3.6 | 110 |
| | 1834 | 1.5 | 46 |
| | 2326 | 2.5 | 77 |
| 27 Tu ◑ | 0550 | 1.2 | 38 |
| | 1149 | 3.6 | 109 |
| | 1911 | 1.5 | 47 |
| 28 W | 0004 | 2.5 | 76 |
| | 0633 | 1.1 | 35 |
| | 1240 | 3.6 | 109 |
| | 1954 | 1.6 | 49 |
| 29 Th | 0048 | 2.5 | 75 |
| | 0725 | 1.1 | 34 |
| | 1338 | 3.6 | 111 |
| | 2045 | 1.7 | 51 |
| 30 F | 0137 | 2.5 | 77 |
| | 0825 | 1.1 | 33 |
| | 1442 | 3.7 | 113 |
| | 2146 | 1.7 | 53 |
| 31 Sa | 0233 | 2.7 | 81 |
| | 0932 | 1.1 | 33 |
| | 1545 | 3.8 | 116 |
| | 2251 | 1.8 | 55 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 1 Su | 0331 | 2.9 | 89 |
| | 1044 | 1.0 | 32 |
| | 1645 | 3.9 | 119 |
| | 2351 | 1.8 | 56 |
| 2 M | 0429 | 3.2 | 99 |
| | 1158 | 1.0 | 31 |
| | 1745 | 3.9 | 119 |
| 3 Tu ● | 0046 | 1.8 | 56 |
| | 0525 | 3.7 | 112 |
| | 1310 | 1.0 | 30 |
| | 1845 | 3.8 | 117 |
| 4 W | 0138 | 1.8 | 56 |
| | 0620 | 4.0 | 123 |
| | 1421 | 1.0 | 29 |
| | 1944 | 3.7 | 112 |
| 5 Th | 0229 | 1.8 | 54 |
| | 0715 | 4.3 | 132 |
| | 1530 | 1.0 | 29 |
| | 2045 | 3.4 | 105 |
| 6 F | 0320 | 1.7 | 51 |
| | 0814 | 4.5 | 138 |
| | 1637 | 1.0 | 29 |
| | 2150 | 3.2 | 98 |
| 7 Sa | 0412 | 1.5 | 47 |
| | 0920 | 4.5 | 138 |
| | 1745 | 1.0 | 30 |
| | 2253 | 3.0 | 91 |
| 8 Su | 0506 | 1.4 | 43 |
| | 1035 | 4.5 | 136 |
| | 1851 | 1.0 | 32 |
| | 2350 | 2.8 | 86 |
| 9 M | 0602 | 1.2 | 38 |
| | 1152 | 4.3 | 132 |
| | 1954 | 1.1 | 35 |
| 10 Tu ◐ | 0044 | 2.7 | 82 |
| | 0700 | 1.1 | 34 |
| | 1306 | 4.2 | 127 |
| | 2054 | 1.2 | 38 |
| 11 W | 0135 | 2.6 | 79 |
| | 0759 | 1.0 | 31 |
| | 1418 | 3.9 | 120 |
| | 2150 | 1.4 | 43 |
| 12 Th | 0227 | 2.6 | 78 |
| | 0859 | 1.0 | 30 |
| | 1527 | 3.7 | 114 |
| | 2243 | 1.5 | 47 |
| 13 F | 0324 | 2.6 | 78 |
| | 1000 | 1.0 | 32 |
| | 1635 | 3.5 | 108 |
| | 2329 | 1.6 | 50 |
| 14 Sa | 0425 | 2.7 | 81 |
| | 1102 | 1.1 | 34 |
| | 1737 | 3.4 | 103 |
| 15 Su | 0009 | 1.7 | 52 |
| | 0522 | 2.8 | 85 |
| | 1202 | 1.2 | 37 |
| | 1831 | 3.2 | 99 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| 16 M | 0043 | 1.7 | 53 |
| | 0610 | 3.0 | 90 |
| | 1259 | 1.3 | 40 |
| | 1917 | 3.1 | 94 |
| 17 Tu | 0116 | 1.7 | 52 |
| | 0648 | 3.1 | 95 |
| | 1350 | 1.4 | 42 |
| | 1954 | 3.0 | 90 |
| 18 W ○ | 0152 | 1.7 | 51 |
| | 0720 | 3.3 | 100 |
| | 1435 | 1.4 | 43 |
| | 2023 | 2.8 | 86 |
| 19 Th | 0226 | 1.6 | 49 |
| | 0751 | 3.4 | 104 |
| | 1516 | 1.4 | 44 |
| | 2044 | 2.7 | 82 |
| 20 F | 0258 | 1.5 | 47 |
| | 0822 | 3.5 | 106 |
| | 1555 | 1.4 | 44 |
| | 2101 | 2.6 | 79 |
| 21 Sa | 0327 | 1.4 | 44 |
| | 0856 | 3.5 | 107 |
| | 1633 | 1.4 | 44 |
| | 2121 | 2.5 | 76 |
| 22 Su | 0353 | 1.3 | 41 |
| | 0932 | 3.5 | 107 |
| | 1710 | 1.4 | 44 |
| | 2149 | 2.5 | 75 |
| 23 M | 0421 | 1.2 | 37 |
| | 1010 | 3.5 | 106 |
| | 1744 | 1.4 | 43 |
| | 2224 | 2.4 | 74 |
| 24 Tu | 0459 | 1.1 | 33 |
| | 1051 | 3.5 | 106 |
| | 1817 | 1.4 | 43 |
| | 2303 | 2.4 | 74 |
| 25 W | 0541 | 1.0 | 30 |
| | 1138 | 3.5 | 107 |
| | 1852 | 1.4 | 44 |
| | 2343 | 2.5 | 75 |
| 26 Th ◑ | 0629 | 0.9 | 28 |
| | 1230 | 3.5 | 108 |
| | 1929 | 1.5 | 45 |
| 27 F | 0026 | 2.6 | 78 |
| | 0723 | 0.9 | 27 |
| | 1327 | 3.6 | 110 |
| | 2015 | 1.6 | 48 |
| 28 Sa | 0112 | 2.7 | 83 |
| | 0822 | 0.9 | 27 |
| | 1424 | 3.6 | 111 |
| | 2108 | 1.7 | 51 |
| 29 Su | 0203 | 3.0 | 90 |
| | 0928 | 0.9 | 28 |
| | 1523 | 3.7 | 112 |
| | 2208 | 1.7 | 53 |
| 30 M | 0258 | 3.2 | 99 |
| | 1039 | 0.9 | 28 |
| | 1621 | 3.6 | 111 |
| | 2309 | 1.8 | 55 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Buenos Aires, Argentina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0356 | 3.6 | 110 |
| | 1151 | 0.9 | 28 |
| | 1723 | 3.5 | 107 |
| **2** W ● | 0009 | 1.8 | 54 |
| | 0457 | 3.9 | 120 |
| | 1303 | 0.9 | 28 |
| | 1825 | 3.4 | 103 |
| **3** Th | 0107 | 1.7 | 52 |
| | 0558 | 4.2 | 128 |
| | 1415 | 1.0 | 29 |
| | 1929 | 3.2 | 97 |
| **4** F | 0204 | 1.6 | 49 |
| | 0702 | 4.4 | 133 |
| | 1526 | 1.0 | 30 |
| | 2032 | 3.0 | 91 |
| **5** Sa | 0301 | 1.5 | 45 |
| | 0810 | 4.4 | 134 |
| | 1635 | 1.0 | 31 |
| | 2133 | 2.8 | 86 |
| **6** Su | 0359 | 1.3 | 39 |
| | 0924 | 4.3 | 132 |
| | 1740 | 1.0 | 32 |
| | 2230 | 2.7 | 83 |
| **7** M | 0456 | 1.1 | 34 |
| | 1039 | 4.2 | 128 |
| | 1839 | 1.1 | 34 |
| | 2323 | 2.7 | 81 |
| **8** Tu | 0553 | 1.0 | 29 |
| | 1152 | 4.1 | 124 |
| | 1932 | 1.2 | 38 |
| **9** W | 0011 | 2.6 | 80 |
| | 0649 | 0.9 | 26 |
| | 1259 | 3.9 | 118 |
| | 2018 | 1.4 | 42 |
| **10** Th ◐ | 0058 | 2.7 | 81 |
| | 0743 | 0.8 | 25 |
| | 1400 | 3.7 | 112 |
| | 2058 | 1.5 | 46 |
| **11** F | 0145 | 2.7 | 82 |
| | 0835 | 0.9 | 27 |
| | 1458 | 3.4 | 105 |
| | 2132 | 1.6 | 50 |
| **12** Sa | 0233 | 2.8 | 84 |
| | 0928 | 1.0 | 30 |
| | 1554 | 3.2 | 98 |
| | 2206 | 1.7 | 53 |
| **13** Su | 0324 | 2.8 | 86 |
| | 1022 | 1.1 | 34 |
| | 1650 | 3.0 | 92 |
| | 2246 | 1.8 | 54 |
| **14** M | 0419 | 2.9 | 88 |
| | 1117 | 1.2 | 38 |
| | 1745 | 2.8 | 86 |
| | 2332 | 1.8 | 55 |
| **15** Tu | 0512 | 3.0 | 92 |
| | 1214 | 1.3 | 41 |
| | 1836 | 2.7 | 81 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0018 | 1.8 | 54 |
| | 0600 | 3.1 | 96 |
| | 1310 | 1.4 | 43 |
| | 1917 | 2.6 | 78 |
| **17** Th | 0100 | 1.7 | 52 |
| | 0641 | 3.2 | 99 |
| | 1402 | 1.4 | 44 |
| | 1945 | 2.4 | 74 |
| **18** F ○ | 0138 | 1.6 | 49 |
| | 0719 | 3.3 | 102 |
| | 1449 | 1.4 | 44 |
| | 2003 | 2.4 | 73 |
| **19** Sa | 0210 | 1.5 | 46 |
| | 0756 | 3.4 | 104 |
| | 1533 | 1.4 | 43 |
| | 2020 | 2.4 | 72 |
| **20** Su | 0244 | 1.4 | 42 |
| | 0833 | 3.5 | 106 |
| | 1612 | 1.4 | 43 |
| | 2048 | 2.4 | 73 |
| **21** M | 0321 | 1.2 | 37 |
| | 0910 | 3.5 | 106 |
| | 1649 | 1.4 | 42 |
| | 2123 | 2.4 | 74 |
| **22** Tu | 0404 | 1.1 | 34 |
| | 0953 | 3.5 | 107 |
| | 1723 | 1.4 | 42 |
| | 2202 | 2.5 | 76 |
| **23** W | 0450 | 1.0 | 31 |
| | 1038 | 3.5 | 108 |
| | 1756 | 1.4 | 43 |
| | 2241 | 2.6 | 79 |
| **24** Th | 0539 | 0.9 | 28 |
| | 1128 | 3.5 | 108 |
| | 1829 | 1.4 | 44 |
| | 2321 | 2.8 | 84 |
| **25** F ◑ | 0631 | 0.9 | 27 |
| | 1221 | 3.6 | 109 |
| | 1904 | 1.5 | 46 |
| **26** Sa | 0003 | 3.0 | 90 |
| | 0726 | 0.9 | 27 |
| | 1315 | 3.6 | 110 |
| | 1945 | 1.6 | 49 |
| **27** Su | 0048 | 3.2 | 98 |
| | 0826 | 0.9 | 27 |
| | 1410 | 3.5 | 108 |
| | 2034 | 1.7 | 52 |
| **28** M | 0139 | 3.5 | 106 |
| | 0932 | 0.9 | 28 |
| | 1506 | 3.4 | 105 |
| | 2131 | 1.8 | 54 |
| **29** Tu | 0234 | 3.7 | 114 |
| | 1040 | 1.0 | 29 |
| | 1604 | 3.3 | 101 |
| | 2234 | 1.8 | 55 |
| **30** W | 0336 | 4.0 | 121 |
| | 1151 | 1.0 | 30 |
| | 1707 | 3.1 | 95 |
| | 2339 | 1.8 | 54 |
| **31** Th | 0441 | 4.1 | 126 |
| | 1303 | 1.0 | 32 |
| | 1814 | 3.0 | 90 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0043 | 1.6 | 50 |
| | 0552 | 4.2 | 129 |
| | 1417 | 1.1 | 33 |
| | 1920 | 2.8 | 86 |
| **2** Sa | 0147 | 1.5 | 46 |
| | 0706 | 4.3 | 131 |
| | 1527 | 1.1 | 34 |
| | 2020 | 2.7 | 83 |
| **3** Su | 0249 | 1.3 | 41 |
| | 0820 | 4.3 | 130 |
| | 1631 | 1.1 | 35 |
| | 2115 | 2.7 | 82 |
| **4** M | 0350 | 1.2 | 36 |
| | 0930 | 4.2 | 127 |
| | 1726 | 1.2 | 37 |
| | 2204 | 2.7 | 82 |
| **5** Tu | 0446 | 1.0 | 32 |
| | 1037 | 4.0 | 123 |
| | 1812 | 1.3 | 40 |
| | 2250 | 2.8 | 84 |
| **6** W | 0542 | 1.0 | 29 |
| | 1140 | 3.9 | 118 |
| | 1849 | 1.4 | 44 |
| | 2333 | 2.9 | 87 |
| **7** Th | 0632 | 0.9 | 28 |
| | 1237 | 3.7 | 113 |
| | 1917 | 1.5 | 47 |
| **8** F ◐ | 0015 | 3.0 | 90 |
| | 0720 | 1.0 | 29 |
| | 1328 | 3.5 | 106 |
| | 1939 | 1.6 | 50 |
| **9** Sa | 0058 | 3.0 | 92 |
| | 0805 | 1.0 | 31 |
| | 1416 | 3.2 | 99 |
| | 2006 | 1.7 | 52 |
| **10** Su | 0142 | 3.1 | 94 |
| | 0849 | 1.1 | 35 |
| | 1503 | 3.0 | 91 |
| | 2040 | 1.8 | 54 |
| **11** M | 0228 | 3.1 | 95 |
| | 0935 | 1.3 | 39 |
| | 1551 | 2.8 | 84 |
| | 2119 | 1.8 | 55 |
| **12** Tu | 0318 | 3.1 | 96 |
| | 1029 | 1.4 | 43 |
| | 1641 | 2.5 | 77 |
| | 2201 | 1.8 | 56 |
| **13** W | 0413 | 3.2 | 97 |
| | 1128 | 1.5 | 46 |
| | 1733 | 2.4 | 72 |
| | 2245 | 1.8 | 55 |
| **14** Th | 0509 | 3.2 | 99 |
| | 1231 | 1.5 | 47 |
| | 1818 | 2.3 | 69 |
| | 2329 | 1.7 | 53 |
| **15** F | 0601 | 3.3 | 102 |
| | 1332 | 1.5 | 47 |
| | 1848 | 2.2 | 68 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0014 | 1.6 | 49 |
| | 0646 | 3.4 | 105 |
| | 1424 | 1.5 | 46 |
| | 1912 | 2.3 | 69 |
| **17** Su | 0105 | 1.5 | 45 |
| | 0728 | 3.5 | 108 |
| | 1509 | 1.5 | 45 |
| | 1943 | 2.4 | 72 |
| **18** M | 0158 | 1.3 | 41 |
| | 0808 | 3.6 | 111 |
| | 1547 | 1.5 | 45 |
| | 2018 | 2.5 | 76 |
| **19** Tu | 0254 | 1.2 | 37 |
| | 0849 | 3.7 | 113 |
| | 1621 | 1.5 | 45 |
| | 2056 | 2.7 | 81 |
| **20** W | 0348 | 1.1 | 34 |
| | 0933 | 3.7 | 114 |
| | 1654 | 1.5 | 45 |
| | 2135 | 2.8 | 86 |
| **21** Th | 0441 | 1.0 | 32 |
| | 1020 | 3.7 | 114 |
| | 1729 | 1.5 | 46 |
| | 2215 | 3.0 | 92 |
| **22** F | 0535 | 1.0 | 31 |
| | 1113 | 3.7 | 114 |
| | 1803 | 1.6 | 48 |
| | 2256 | 3.3 | 100 |
| **23** Sa ◑ | 0630 | 1.0 | 30 |
| | 1209 | 3.7 | 112 |
| | 1840 | 1.6 | 50 |
| | 2340 | 3.5 | 108 |
| **24** Su | 0728 | 1.0 | 31 |
| | 1303 | 3.6 | 109 |
| | 1920 | 1.7 | 52 |
| **25** M | 0029 | 3.8 | 115 |
| | 0830 | 1.0 | 32 |
| | 1357 | 3.4 | 104 |
| | 2009 | 1.8 | 54 |
| **26** Tu | 0124 | 4.0 | 122 |
| | 0937 | 1.1 | 34 |
| | 1452 | 3.2 | 98 |
| | 2106 | 1.8 | 55 |
| **27** W | 0224 | 4.1 | 126 |
| | 1046 | 1.2 | 36 |
| | 1551 | 3.0 | 91 |
| | 2212 | 1.8 | 54 |
| **28** Th | 0331 | 4.2 | 128 |
| | 1158 | 1.2 | 37 |
| | 1657 | 2.8 | 85 |
| | 2320 | 1.7 | 52 |
| **29** F | 0448 | 4.2 | 129 |
| | 1312 | 1.3 | 39 |
| | 1809 | 2.7 | 82 |
| **30** Sa ● | 0030 | 1.6 | 48 |
| | 0611 | 4.3 | 130 |
| | 1423 | 1.3 | 40 |
| | 1916 | 2.7 | 81 |
| **31** Su | 0137 | 1.4 | 44 |
| | 0727 | 4.3 | 130 |
| | 1525 | 1.3 | 40 |
| | 2010 | 2.7 | 82 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0241 | 1.3 | 40 |
| | 0832 | 4.2 | 129 |
| | 1617 | 1.4 | 42 |
| | 2056 | 2.8 | 85 |
| **2** Tu | 0341 | 1.2 | 37 |
| | 0930 | 4.1 | 126 |
| | 1658 | 1.5 | 45 |
| | 2136 | 2.9 | 89 |
| **3** W | 0435 | 1.2 | 36 |
| | 1024 | 4.0 | 121 |
| | 1729 | 1.6 | 48 |
| | 2215 | 3.1 | 93 |
| **4** Th | 0524 | 1.2 | 36 |
| | 1114 | 3.8 | 116 |
| | 1753 | 1.6 | 50 |
| | 2254 | 3.2 | 97 |
| **5** F | 0609 | 1.2 | 37 |
| | 1201 | 3.6 | 110 |
| | 1814 | 1.6 | 50 |
| | 2334 | 3.3 | 101 |
| **6** Sa | 0650 | 1.3 | 39 |
| | 1245 | 3.4 | 103 |
| | 1840 | 1.7 | 51 |
| **7** Su ◐ | 0014 | 3.4 | 104 |
| | 0729 | 1.3 | 41 |
| | 1326 | 3.1 | 95 |
| | 1909 | 1.7 | 52 |
| **8** M | 0057 | 3.4 | 105 |
| | 0808 | 1.4 | 44 |
| | 1405 | 2.9 | 87 |
| | 1937 | 1.7 | 53 |
| **9** Tu | 0141 | 3.4 | 105 |
| | 0853 | 1.5 | 47 |
| | 1442 | 2.6 | 79 |
| | 2003 | 1.7 | 53 |
| **10** W | 0229 | 3.4 | 105 |
| | 0946 | 1.6 | 50 |
| | 1516 | 2.4 | 72 |
| | 2032 | 1.7 | 53 |
| **11** Th | 0323 | 3.4 | 104 |
| | 1048 | 1.7 | 53 |
| | 1552 | 2.2 | 67 |
| | 2113 | 1.7 | 51 |
| **12** F | 0423 | 3.4 | 105 |
| | 1158 | 1.7 | 53 |
| | 1639 | 2.1 | 65 |
| | 2208 | 1.6 | 49 |
| **13** Sa | 0521 | 3.5 | 108 |
| | 1305 | 1.7 | 53 |
| | 1732 | 2.2 | 67 |
| | 2310 | 1.5 | 46 |
| **14** Su | 0613 | 3.7 | 112 |
| | 1356 | 1.7 | 51 |
| | 1820 | 2.3 | 71 |
| **15** M ○ | 0015 | 1.4 | 44 |
| | 0659 | 3.8 | 117 |
| | 1438 | 1.6 | 50 |
| | 1904 | 2.5 | 77 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0123 | 1.3 | 41 |
| | 0741 | 4.0 | 121 |
| | 1514 | 1.6 | 49 |
| | 1945 | 2.8 | 85 |
| **17** W | 0229 | 1.3 | 39 |
| | 0824 | 4.0 | 123 |
| | 1548 | 1.6 | 49 |
| | 2024 | 3.1 | 93 |
| **18** Th | 0331 | 1.2 | 38 |
| | 0909 | 4.0 | 123 |
| | 1623 | 1.6 | 50 |
| | 2104 | 3.3 | 101 |
| **19** F | 0430 | 1.2 | 36 |
| | 0959 | 4.0 | 122 |
| | 1659 | 1.7 | 51 |
| | 2145 | 3.6 | 110 |
| **20** Sa | 0528 | 1.2 | 36 |
| | 1055 | 3.9 | 118 |
| | 1737 | 1.7 | 52 |
| | 2231 | 3.9 | 118 |
| **21** Su | 0627 | 1.2 | 36 |
| | 1153 | 3.7 | 113 |
| | 1817 | 1.7 | 53 |
| | 2322 | 4.1 | 125 |
| **22** M ◑ | 0729 | 1.2 | 37 |
| | 1249 | 3.5 | 106 |
| | 1901 | 1.7 | 53 |
| **23** Tu | 0020 | 4.3 | 131 |
| | 0835 | 1.3 | 39 |
| | 1344 | 3.2 | 99 |
| | 1952 | 1.7 | 53 |
| **24** W | 0123 | 4.4 | 133 |
| | 0943 | 1.3 | 41 |
| | 1439 | 3.0 | 91 |
| | 2053 | 1.7 | 52 |
| **25** Th | 0232 | 4.4 | 134 |
| | 1056 | 1.4 | 43 |
| | 1540 | 2.8 | 84 |
| | 2200 | 1.7 | 51 |
| **26** F | 0351 | 4.3 | 132 |
| | 1209 | 1.4 | 44 |
| | 1651 | 2.6 | 79 |
| | 2311 | 1.6 | 48 |
| **27** Sa | 0519 | 4.3 | 132 |
| | 1319 | 1.5 | 45 |
| | 1808 | 2.6 | 79 |
| **28** Su | 0021 | 1.5 | 46 |
| | 0638 | 4.3 | 132 |
| | 1421 | 1.5 | 45 |
| | 1912 | 2.7 | 82 |
| **29** M ● | 0130 | 1.4 | 44 |
| | 0741 | 4.3 | 131 |
| | 1511 | 1.5 | 47 |
| | 1959 | 2.9 | 87 |
| **30** Tu | 0232 | 1.4 | 43 |
| | 0833 | 4.2 | 129 |
| | 1549 | 1.6 | 49 |
| | 2036 | 3.0 | 92 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Buenos Aires, Argentina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0328 | 1.4 | 43 |
| | 0918 | 4.1 | 124 |
| | 1618 | 1.7 | 51 |
| | 2110 | 3.2 | 98 |
| **2** Th | 0417 | 1.4 | 44 |
| | 1000 | 3.9 | 119 |
| | 1641 | 1.7 | 52 |
| | 2144 | 3.4 | 103 |
| **3** F | 0502 | 1.5 | 46 |
| | 1039 | 3.7 | 113 |
| | 1704 | 1.7 | 51 |
| | 2220 | 3.5 | 108 |
| **4** Sa | 0541 | 1.6 | 48 |
| | 1117 | 3.5 | 106 |
| | 1729 | 1.7 | 51 |
| | 2258 | 3.6 | 111 |
| **5** Su | 0617 | 1.6 | 50 |
| | 1153 | 3.2 | 99 |
| | 1757 | 1.7 | 51 |
| | 2337 | 3.7 | 113 |
| **6** M | 0653 | 1.7 | 51 |
| | 1226 | 3.0 | 92 |
| | 1821 | 1.6 | 50 |
| **7** Tu ◐ | 0019 | 3.7 | 113 |
| | 0732 | 1.7 | 53 |
| | 1251 | 2.8 | 84 |
| | 1842 | 1.6 | 49 |
| **8** W | 0102 | 3.7 | 112 |
| | 0817 | 1.8 | 55 |
| | 1303 | 2.5 | 77 |
| | 1904 | 1.6 | 48 |
| **9** Th | 0150 | 3.6 | 111 |
| | 0910 | 1.9 | 57 |
| | 1320 | 2.4 | 72 |
| | 1937 | 1.5 | 46 |
| **10** F | 0244 | 3.6 | 111 |
| | 1014 | 1.9 | 59 |
| | 1402 | 2.2 | 68 |
| | 2027 | 1.5 | 45 |
| **11** Sa | 0343 | 3.7 | 112 |
| | 1128 | 1.9 | 59 |
| | 1511 | 2.2 | 67 |
| | 2128 | 1.4 | 44 |
| **12** Su | 0442 | 3.8 | 116 |
| | 1232 | 1.9 | 57 |
| | 1629 | 2.3 | 69 |
| | 2235 | 1.4 | 44 |
| **13** M | 0536 | 4.0 | 121 |
| | 1319 | 1.8 | 55 |
| | 1733 | 2.5 | 76 |
| | 2344 | 1.4 | 43 |
| **14** Tu ○ | 0624 | 4.1 | 126 |
| | 1357 | 1.8 | 54 |
| | 1825 | 2.8 | 85 |
| **15** W | 0057 | 1.4 | 43 |
| | 0709 | 4.3 | 130 |
| | 1434 | 1.7 | 53 |
| | 1909 | 3.1 | 96 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0208 | 1.4 | 42 |
| | 0754 | 4.3 | 131 |
| | 1511 | 1.7 | 53 |
| | 1951 | 3.5 | 107 |
| **17** F | 0315 | 1.4 | 42 |
| | 0841 | 4.2 | 129 |
| | 1550 | 1.7 | 53 |
| | 2034 | 3.9 | 118 |
| **18** Sa | 0417 | 1.3 | 41 |
| | 0934 | 4.1 | 124 |
| | 1629 | 1.7 | 53 |
| | 2121 | 4.2 | 128 |
| **19** Su | 0521 | 1.3 | 41 |
| | 1032 | 3.8 | 116 |
| | 1712 | 1.7 | 52 |
| | 2215 | 4.4 | 135 |
| **20** M | 0625 | 1.4 | 42 |
| | 1134 | 3.5 | 108 |
| | 1757 | 1.7 | 51 |
| | 2317 | 4.6 | 139 |
| **21** Tu ◑ | 0732 | 1.4 | 43 |
| | 1232 | 3.2 | 99 |
| | 1845 | 1.6 | 49 |
| **22** W | 0026 | 4.6 | 141 |
| | 0842 | 1.5 | 45 |
| | 1328 | 3.0 | 91 |
| | 1941 | 1.6 | 48 |
| **23** Th | 0139 | 4.6 | 141 |
| | 0953 | 1.5 | 46 |
| | 1425 | 2.8 | 84 |
| | 2044 | 1.5 | 46 |
| **24** F | 0255 | 4.5 | 138 |
| | 1105 | 1.5 | 47 |
| | 1529 | 2.6 | 79 |
| | 2152 | 1.5 | 45 |
| **25** Sa | 0417 | 4.5 | 136 |
| | 1212 | 1.6 | 48 |
| | 1646 | 2.5 | 77 |
| | 2302 | 1.5 | 45 |
| **26** Su | 0537 | 4.4 | 134 |
| | 1313 | 1.6 | 48 |
| | 1807 | 2.6 | 80 |
| **27** M | 0012 | 1.5 | 45 |
| | 0641 | 4.4 | 133 |
| | 1402 | 1.6 | 49 |
| | 1904 | 2.8 | 86 |
| **28** Tu ● | 0119 | 1.5 | 46 |
| | 0734 | 4.3 | 130 |
| | 1441 | 1.6 | 50 |
| | 1946 | 3.1 | 93 |
| **29** W | 0218 | 1.6 | 48 |
| | 0817 | 4.1 | 126 |
| | 1510 | 1.7 | 51 |
| | 2020 | 3.3 | 100 |
| **30** Th | 0310 | 1.7 | 51 |
| | 0854 | 3.9 | 120 |
| | 1534 | 1.7 | 51 |
| | 2050 | 3.5 | 106 |
| **31** F | 0356 | 1.8 | 54 |
| | 0925 | 3.7 | 114 |
| | 1559 | 1.7 | 51 |
| | 2121 | 3.6 | 111 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0437 | 1.9 | 57 |
| | 0954 | 3.5 | 107 |
| | 1626 | 1.6 | 49 |
| | 2154 | 3.8 | 115 |
| **2** Su | 0514 | 1.9 | 58 |
| | 1022 | 3.3 | 101 |
| | 1653 | 1.6 | 48 |
| | 2230 | 3.8 | 117 |
| **3** M | 0549 | 1.9 | 59 |
| | 1047 | 3.1 | 94 |
| | 1717 | 1.5 | 47 |
| | 2309 | 3.9 | 118 |
| **4** Tu | 0626 | 1.9 | 59 |
| | 1106 | 2.9 | 87 |
| | 1736 | 1.5 | 45 |
| | 2350 | 3.9 | 118 |
| **5** W | 0706 | 2.0 | 60 |
| | 1124 | 2.7 | 81 |
| | 1754 | 1.4 | 42 |
| **6** Th ◐ | 0033 | 3.9 | 118 |
| | 0751 | 2.0 | 61 |
| | 1150 | 2.5 | 77 |
| | 1823 | 1.3 | 40 |
| **7** F | 0120 | 3.8 | 117 |
| | 0843 | 2.0 | 61 |
| | 1226 | 2.4 | 73 |
| | 1904 | 1.2 | 38 |
| **8** Sa | 0211 | 3.9 | 118 |
| | 0943 | 2.0 | 62 |
| | 1316 | 2.3 | 71 |
| | 1956 | 1.3 | 39 |
| **9** Su | 0307 | 3.9 | 120 |
| | 1050 | 2.0 | 61 |
| | 1424 | 2.3 | 70 |
| | 2058 | 1.3 | 40 |
| **10** M | 0402 | 4.1 | 124 |
| | 1146 | 2.0 | 60 |
| | 1540 | 2.4 | 74 |
| | 2206 | 1.4 | 43 |
| **11** Tu | 0456 | 4.2 | 129 |
| | 1231 | 1.9 | 58 |
| | 1648 | 2.7 | 83 |
| | 2319 | 1.5 | 45 |
| **12** W | 0546 | 4.4 | 133 |
| | 1312 | 1.8 | 56 |
| | 1745 | 3.1 | 95 |
| **13** Th ○ | 0035 | 1.5 | 46 |
| | 0634 | 4.4 | 135 |
| | 1353 | 1.8 | 55 |
| | 1834 | 3.5 | 108 |
| **14** F | 0150 | 1.5 | 46 |
| | 0722 | 4.4 | 133 |
| | 1434 | 1.7 | 53 |
| | 1921 | 4.0 | 122 |
| **15** Sa | 0300 | 1.5 | 47 |
| | 0812 | 4.2 | 127 |
| | 1517 | 1.7 | 51 |
| | 2012 | 4.4 | 133 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0408 | 1.5 | 47 |
| | 0907 | 3.9 | 119 |
| | 1602 | 1.6 | 49 |
| | 2108 | 4.6 | 141 |
| **17** M | 0516 | 1.5 | 47 |
| | 1007 | 3.6 | 109 |
| | 1649 | 1.5 | 46 |
| | 2213 | 4.8 | 146 |
| **18** Tu | 0626 | 1.6 | 48 |
| | 1109 | 3.2 | 99 |
| | 1739 | 1.4 | 43 |
| | 2326 | 4.9 | 148 |
| **19** W ◑ | 0736 | 1.6 | 48 |
| | 1209 | 3.0 | 90 |
| | 1832 | 1.3 | 41 |
| **20** Th | 0041 | 4.9 | 148 |
| | 0847 | 1.6 | 49 |
| | 1306 | 2.7 | 83 |
| | 1929 | 1.3 | 39 |
| **21** F | 0154 | 4.8 | 146 |
| | 0955 | 1.6 | 49 |
| | 1405 | 2.6 | 78 |
| | 2033 | 1.3 | 39 |
| **22** Sa | 0307 | 4.7 | 142 |
| | 1059 | 1.6 | 50 |
| | 1512 | 2.5 | 76 |
| | 2138 | 1.3 | 41 |
| **23** Su | 0419 | 4.5 | 138 |
| | 1158 | 1.6 | 50 |
| | 1633 | 2.5 | 77 |
| | 2246 | 1.4 | 44 |
| **24** M | 0525 | 4.4 | 134 |
| | 1248 | 1.7 | 51 |
| | 1754 | 2.7 | 83 |
| | 2354 | 1.6 | 48 |
| **25** Tu | 0623 | 4.3 | 130 |
| | 1329 | 1.7 | 51 |
| | 1852 | 3.0 | 90 |
| **26** W | 0058 | 1.7 | 53 |
| | 0710 | 4.1 | 125 |
| | 1400 | 1.7 | 51 |
| | 1935 | 3.2 | 98 |
| **27** Th ● | 0158 | 1.9 | 57 |
| | 0749 | 3.9 | 119 |
| | 1427 | 1.6 | 50 |
| | 2009 | 3.4 | 105 |
| **28** F | 0249 | 2.0 | 61 |
| | 0818 | 3.7 | 112 |
| | 1454 | 1.6 | 48 |
| | 2037 | 3.6 | 111 |
| **29** Sa | 0334 | 2.1 | 64 |
| | 0843 | 3.5 | 106 |
| | 1523 | 1.5 | 46 |
| | 2106 | 3.8 | 115 |
| **30** Su | 0414 | 2.2 | 66 |
| | 0904 | 3.2 | 99 |
| | 1552 | 1.5 | 45 |
| | 2138 | 3.9 | 119 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0452 | 2.2 | 66 |
| | 0921 | 3.1 | 94 |
| | 1618 | 1.4 | 43 |
| | 2213 | 3.9 | 120 |
| **2** Tu | 0531 | 2.2 | 66 |
| | 0939 | 2.9 | 88 |
| | 1637 | 1.3 | 41 |
| | 2251 | 4.0 | 121 |
| **3** W | 0611 | 2.1 | 65 |
| | 1004 | 2.8 | 84 |
| | 1654 | 1.2 | 38 |
| | 2331 | 4.0 | 122 |
| **4** Th | 0652 | 2.1 | 64 |
| | 1035 | 2.6 | 80 |
| | 1721 | 1.1 | 34 |
| **5** F ◐ | 0013 | 4.0 | 123 |
| | 0733 | 2.1 | 64 |
| | 1111 | 2.5 | 76 |
| | 1757 | 1.0 | 32 |
| **6** Sa | 0058 | 4.1 | 124 |
| | 0818 | 2.1 | 63 |
| | 1153 | 2.4 | 74 |
| | 1840 | 1.1 | 33 |
| **7** Su | 0144 | 4.1 | 126 |
| | 0908 | 2.1 | 63 |
| | 1245 | 2.4 | 74 |
| | 1929 | 1.1 | 35 |
| **8** M | 0233 | 4.2 | 129 |
| | 1000 | 2.1 | 63 |
| | 1348 | 2.5 | 76 |
| | 2029 | 1.3 | 39 |
| **9** Tu | 0324 | 4.4 | 133 |
| | 1052 | 2.0 | 61 |
| | 1457 | 2.7 | 82 |
| | 2140 | 1.4 | 44 |
| **10** W | 0416 | 4.4 | 135 |
| | 1141 | 1.9 | 59 |
| | 1604 | 3.0 | 92 |
| | 2258 | 1.6 | 48 |
| **11** Th | 0507 | 4.5 | 136 |
| | 1228 | 1.9 | 57 |
| | 1707 | 3.4 | 105 |
| **12** F ○ | 0018 | 1.7 | 51 |
| | 0559 | 4.4 | 134 |
| | 1315 | 1.7 | 53 |
| | 1804 | 3.9 | 119 |
| **13** Sa | 0136 | 1.7 | 52 |
| | 0651 | 4.2 | 128 |
| | 1402 | 1.6 | 50 |
| | 1903 | 4.3 | 132 |
| **14** Su | 0251 | 1.7 | 53 |
| | 0744 | 3.9 | 120 |
| | 1450 | 1.5 | 46 |
| | 2003 | 4.7 | 142 |
| **15** M | 0404 | 1.8 | 54 |
| | 0839 | 3.6 | 110 |
| | 1539 | 1.3 | 41 |
| | 2110 | 4.9 | 149 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0516 | 1.8 | 54 |
| | 0939 | 3.3 | 100 |
| | 1631 | 1.2 | 37 |
| | 2224 | 5.0 | 152 |
| **17** W | 0628 | 1.7 | 53 |
| | 1039 | 3.0 | 91 |
| | 1725 | 1.1 | 34 |
| | 2338 | 5.0 | 153 |
| **18** Th | 0736 | 1.7 | 53 |
| | 1138 | 2.8 | 84 |
| | 1820 | 1.0 | 32 |
| **19** F ◑ | 0048 | 5.0 | 152 |
| | 0839 | 1.7 | 53 |
| | 1235 | 2.6 | 80 |
| | 1918 | 1.0 | 32 |
| **20** Sa | 0154 | 4.9 | 149 |
| | 0939 | 1.7 | 53 |
| | 1334 | 2.6 | 78 |
| | 2016 | 1.1 | 35 |
| **21** Su | 0258 | 4.7 | 144 |
| | 1035 | 1.8 | 54 |
| | 1440 | 2.6 | 78 |
| | 2117 | 1.3 | 41 |
| **22** M | 0358 | 4.5 | 137 |
| | 1125 | 1.8 | 55 |
| | 1600 | 2.6 | 80 |
| | 2219 | 1.6 | 48 |
| **23** Tu | 0456 | 4.3 | 130 |
| | 1208 | 1.8 | 54 |
| | 1725 | 2.8 | 86 |
| | 2324 | 1.8 | 55 |
| **24** W | 0548 | 4.1 | 124 |
| | 1243 | 1.7 | 53 |
| | 1832 | 3.1 | 94 |
| **25** Th | 0029 | 2.0 | 62 |
| | 0634 | 3.8 | 117 |
| | 1315 | 1.7 | 51 |
| | 1921 | 3.3 | 101 |
| **26** F | 0130 | 2.2 | 67 |
| | 0710 | 3.6 | 110 |
| | 1346 | 1.6 | 48 |
| | 2001 | 3.5 | 108 |
| **27** Sa ● | 0225 | 2.3 | 70 |
| | 0737 | 3.4 | 103 |
| | 1419 | 1.5 | 45 |
| | 2031 | 3.7 | 113 |
| **28** Su | 0313 | 2.4 | 72 |
| | 0757 | 3.2 | 98 |
| | 1450 | 1.4 | 43 |
| | 2059 | 3.8 | 117 |
| **29** M | 0357 | 2.4 | 72 |
| | 0810 | 3.1 | 93 |
| | 1518 | 1.3 | 40 |
| | 2128 | 3.9 | 120 |
| **30** Tu | 0439 | 2.3 | 71 |
| | 0829 | 2.9 | 89 |
| | 1542 | 1.2 | 37 |
| | 2202 | 4.0 | 122 |
| **31** W | 0520 | 2.3 | 70 |
| | 0855 | 2.8 | 86 |
| | 1603 | 1.1 | 34 |
| | 2238 | 4.1 | 124 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Puerto Ingeniero White, Argentina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Tu | 0112 | 14.6 445 | 16 W | 0558 | 2.0 60 |
| | 0653 | 2.4 74 | | 1207 | 14.4 440 |
| | 1355 | 14.4 440 | | 1811 | 1.6 50 |
| | 1914 | 2.4 72 | | 2350 | 15.2 463 |
| 2 W | 0207 | 14.9 453 | 17 Th | 0650 | 1.6 50 |
| | 0752 | 2.0 62 | | 1301 | 14.4 438 |
| | 1443 | 14.5 443 | | 1857 | 2.2 66 |
| | 2006 | 2.9 89 | | | |
| 3 Th | 0301 | 15.1 459 | 18 F | 0038 | 15.0 457 |
| | 0850 | 1.7 53 | | 0746 | 1.5 47 |
| | 1530 | 14.5 441 | | 1356 | 14.0 428 |
| | 2101 | 3.5 106 | | 1945 | 3.0 92 |
| 4 F | 0352 | 15.2 462 | 19 Sa | 0133 | 14.6 445 |
| | 0945 | 1.5 46 | | 0843 | 1.7 51 |
| | 1618 | 14.3 435 | | 1452 | 13.5 411 |
| | 2159 | 4.0 121 | | 2041 | 4.0 123 |
| 5 Sa | 0439 | 15.2 463 | 20 Su | 0234 | 14.1 429 |
| | 1036 | 1.4 42 | | 0943 | 2.0 61 |
| | 1707 | 14.1 430 | | 1553 | 12.8 390 |
| | 2256 | 4.3 130 | | 2143 | 5.0 153 |
| 6 Su | 0523 | 15.1 461 | 21 M | 0340 | 13.5 413 |
| | 1126 | 1.3 41 | | 1044 | 2.4 74 |
| | 1757 | 14.0 426 | | 1702 | 12.2 371 |
| | 2351 | 4.3 132 | | 2251 | 5.6 172 |
| 7 M | 0605 | 15.0 457 | 22 Tu ○ | 0441 | 13.1 399 |
| | 1214 | 1.4 43 | | 1146 | 2.8 86 |
| | 1848 | 13.9 425 | | 1828 | 11.9 362 |
| 8 Tu ● | 0040 | 4.3 132 | 23 W | 0000 | 5.8 176 |
| | 0644 | 14.8 451 | | 0538 | 12.7 388 |
| | 1300 | 1.5 46 | | 1248 | 3.0 91 |
| | 1937 | 14.0 426 | | 1951 | 12.0 367 |
| 9 W | 0123 | 4.3 131 | 24 Th | 0103 | 5.5 167 |
| | 0722 | 14.5 442 | | 0642 | 12.5 380 |
| | 1344 | 1.6 50 | | 1348 | 2.9 89 |
| | 2020 | 14.0 426 | | 2052 | 12.5 381 |
| 10 Th | 0202 | 4.2 129 | 25 F | 0200 | 4.9 149 |
| | 0756 | 14.2 433 | | 0833 | 12.4 379 |
| | 1424 | 1.8 55 | | 1443 | 2.7 81 |
| | 2055 | 13.9 425 | | 2139 | 13.1 399 |
| 11 F | 0236 | 4.1 126 | 26 Sa | 0254 | 4.2 127 |
| | 0829 | 13.9 425 | | 1000 | 12.8 390 |
| | 1501 | 1.9 58 | | 1534 | 2.3 70 |
| | 2121 | 13.9 425 | | 2222 | 13.7 418 |
| 12 Sa | 0310 | 3.9 120 | 27 Su | 0347 | 3.4 103 |
| | 0902 | 13.8 422 | | 1059 | 13.3 406 |
| | 1536 | 1.9 57 | | 1623 | 2.0 61 |
| | 2140 | 14.1 429 | | 2305 | 14.3 436 |
| 13 Su | 0346 | 3.5 108 | 28 M | 0441 | 2.7 82 |
| | 0939 | 13.9 423 | | 1149 | 13.9 423 |
| | 1611 | 1.7 53 | | 1709 | 1.9 57 |
| | 2203 | 14.4 438 | | 2350 | 14.7 449 |
| 14 M | 0425 | 3.0 92 | 29 Tu | 0535 | 2.1 64 |
| | 1025 | 14.1 429 | | 1235 | 14.3 435 |
| | 1648 | 1.6 48 | | 1754 | 2.0 61 |
| | 2232 | 14.8 450 | | | |
| 15 Tu ◐ | 0509 | 2.5 75 | 30 W ◑ | 0038 | 15.0 458 |
| | 1115 | 14.3 435 | | 0629 | 1.6 50 |
| | 1728 | 1.5 45 | | 1319 | 14.5 442 |
| | 2308 | 15.1 460 | | 1841 | 2.4 73 |
| | | | 31 Th | 0127 | 15.2 462 |
| | | | | 0721 | 1.4 42 |
| | | | | 1402 | 14.5 442 |
| | | | | 1928 | 3.0 92 |

## February

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 F | 0215 | 15.2 462 | 16 Sa | 0005 | 14.9 455 |
| | 0812 | 1.2 38 | | 0728 | 1.3 41 |
| | 1444 | 14.3 437 | | 1338 | 13.6 414 |
| | 2016 | 3.7 112 | | 1924 | 3.5 107 |
| 2 Sa | 0302 | 15.1 460 | 17 Su | 0108 | 14.3 437 |
| | 0902 | 1.2 38 | | 0826 | 1.6 50 |
| | 1528 | 14.1 429 | | 1439 | 13.0 396 |
| | 2108 | 4.3 131 | | 2021 | 4.5 137 |
| 3 Su | 0347 | 15.0 457 | 18 M | 0230 | 13.6 416 |
| | 0951 | 1.4 42 | | 0926 | 2.2 66 |
| | 1614 | 13.8 422 | | 1551 | 12.4 378 |
| | 2204 | 4.7 144 | | 2130 | 5.4 164 |
| 4 M | 0430 | 14.9 454 | 19 Tu | 0401 | 13.1 400 |
| | 1039 | 1.5 47 | | 1029 | 2.7 83 |
| | 1704 | 13.7 417 | | 1718 | 12.1 368 |
| | 2301 | 4.9 149 | | 2245 | 5.8 176 |
| 5 Tu | 0512 | 14.7 449 | 20 W | 0522 | 12.7 388 |
| | 1128 | 1.8 54 | | 1134 | 3.1 95 |
| | 1757 | 13.6 414 | | 1845 | 12.2 373 |
| | 2354 | 4.9 148 | | 2356 | 5.6 171 |
| 6 W | 0554 | 14.5 443 | 21 Th ○ | 0639 | 12.5 382 |
| | 1216 | 2.0 61 | | 1238 | 3.2 99 |
| | 1850 | 13.6 414 | | 1952 | 12.7 388 |
| 7 Th ● | 0042 | 4.7 143 | 22 F | 0058 | 5.1 154 |
| | 0636 | 14.3 435 | | 0755 | 12.6 383 |
| | 1303 | 2.2 67 | | 1337 | 3.1 94 |
| | 1937 | 13.6 416 | | 2043 | 13.3 406 |
| 8 F | 0125 | 4.4 135 | 23 Sa | 0154 | 4.3 130 |
| | 0718 | 14.0 426 | | 0901 | 12.8 391 |
| | 1347 | 2.4 72 | | 1429 | 2.8 84 |
| | 2015 | 13.7 417 | | 2124 | 13.9 423 |
| 9 Sa | 0204 | 4.1 126 | 24 Su | 0245 | 3.4 104 |
| | 0759 | 13.7 418 | | 0954 | 13.3 404 |
| | 1427 | 2.5 75 | | 1517 | 2.4 73 |
| | 2042 | 13.7 419 | | 2202 | 14.4 439 |
| 10 Su | 0242 | 3.7 114 | 25 M | 0335 | 2.6 80 |
| | 0839 | 13.6 415 | | 1040 | 13.7 418 |
| | 1504 | 2.4 73 | | 1601 | 2.1 64 |
| | 2104 | 14.0 427 | | 2239 | 14.8 452 |
| 11 M | 0322 | 3.2 98 | 26 Tu | 0423 | 1.9 58 |
| | 0922 | 13.6 415 | | 1122 | 14.1 431 |
| | 1542 | 2.2 68 | | 1644 | 2.0 62 |
| | 2128 | 14.4 439 | | 2317 | 15.1 461 |
| 12 Tu | 0404 | 2.6 79 | 27 W | 0512 | 1.4 42 |
| | 1008 | 13.8 420 | | 1201 | 14.4 439 |
| | 1620 | 2.0 62 | | 1725 | 2.2 67 |
| | 2157 | 14.9 453 | | 2357 | 15.2 464 |
| 13 W | 0450 | 2.0 61 | 28 Th ◑ | 0600 | 1.0 32 |
| | 1057 | 14.0 426 | | 1239 | 14.5 442 |
| | 1701 | 2.0 60 | | 1806 | 2.6 80 |
| | 2233 | 15.2 463 | | | |
| 14 Th ◐ | 0540 | 1.5 47 | 29 F | 0038 | 15.2 462 |
| | 1148 | 14.0 428 | | 0646 | 1.0 29 |
| | 1745 | 2.1 65 | | 1316 | 14.4 440 |
| | 2316 | 15.2 464 | | 1846 | 3.2 98 |
| 15 F | 0632 | 1.3 40 | | | |
| | 1242 | 13.9 425 | | | |
| | 1832 | 2.7 81 | | | |

## March

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| 1 Sa | 0121 | 15.0 458 | 16 Su | 0710 | 1.4 42 |
| | 0731 | 1.0 30 | | 1326 | 13.1 400 |
| | 1353 | 14.2 434 | | 1906 | 4.0 123 |
| | 1929 | 3.9 118 | | | |
| 2 Su | 0205 | 14.9 454 | 17 M | 0102 | 13.7 419 |
| | 0816 | 1.1 35 | | 0809 | 1.8 56 |
| | 1433 | 14.0 426 | | 1438 | 12.7 387 |
| | 2015 | 4.4 135 | | 2011 | 4.9 149 |
| 3 M | 0249 | 14.8 451 | 18 Tu | 0308 | 13.3 404 |
| | 0900 | 1.4 43 | | 0910 | 2.4 74 |
| | 1517 | 13.7 419 | | 1602 | 12.5 380 |
| | 2107 | 4.9 148 | | 2126 | 5.4 166 |
| 4 Tu | 0334 | 14.7 448 | 19 W | 0432 | 13.0 397 |
| | 0947 | 1.7 52 | | 1016 | 3.0 91 |
| | 1607 | 13.5 413 | | 1728 | 12.7 386 |
| | 2205 | 5.0 153 | | 2244 | 5.4 165 |
| 5 W | 0419 | 14.6 444 | 20 Th | 0544 | 13.0 395 |
| | 1035 | 2.1 63 | | 1123 | 3.3 101 |
| | 1702 | 13.5 410 | | 1840 | 13.2 402 |
| | 2303 | 4.9 150 | | 2354 | 4.9 148 |
| 6 Th | 0507 | 14.4 438 | 21 F ○ | 0652 | 13.0 396 |
| | 1127 | 2.4 74 | | 1227 | 3.3 101 |
| | 1757 | 13.5 410 | | 1936 | 13.8 420 |
| | 2358 | 4.6 141 | | | |
| 7 F ● | 0554 | 14.1 431 | 22 Sa | 0052 | 4.1 124 |
| | 1218 | 2.7 83 | | 0754 | 13.2 401 |
| | 1846 | 13.5 412 | | 1323 | 3.1 94 |
| | | | | 2020 | 14.3 437 |
| 8 Sa | 0047 | 4.2 129 | 23 Su | 0145 | 3.2 98 |
| | 0642 | 13.8 422 | | 0847 | 13.4 409 |
| | 1306 | 3.0 90 | | 1412 | 2.8 84 |
| | 1927 | 13.6 415 | | 2059 | 14.8 450 |
| 9 Su | 0131 | 3.7 114 | 24 M | 0233 | 2.4 74 |
| | 0729 | 13.6 414 | | 0934 | 13.7 419 |
| | 1350 | 3.0 92 | | 1456 | 2.5 75 |
| | 1957 | 13.8 421 | | 2134 | 15.1 459 |
| 10 M | 0215 | 3.2 99 | 25 Tu | 0318 | 1.7 53 |
| | 0816 | 13.4 409 | | 1014 | 14.1 429 |
| | 1431 | 3.0 91 | | 1537 | 2.3 70 |
| | 2021 | 14.1 430 | | 2208 | 15.3 465 |
| 11 Tu | 0258 | 2.7 82 | 26 W | 0403 | 1.2 37 |
| | 0901 | 13.4 408 | | 1052 | 14.3 436 |
| | 1512 | 2.8 86 | | 1617 | 2.3 71 |
| | 2048 | 14.6 444 | | 2240 | 15.3 466 |
| 12 W | 0343 | 2.1 64 | 27 Th | 0446 | 0.9 26 |
| | 0947 | 13.5 410 | | 1126 | 14.4 440 |
| | 1552 | 2.6 80 | | 1654 | 2.6 78 |
| | 2119 | 15.0 457 | | 2311 | 15.2 464 |
| 13 Th | 0431 | 1.6 49 | 28 F | 0529 | 0.7 22 |
| | 1037 | 13.6 414 | | 1158 | 14.4 440 |
| | 1635 | 2.5 77 | | 1729 | 3.0 91 |
| | 2156 | 15.2 464 | | 2343 | 15.1 459 |
| 14 F ◐ | 0521 | 1.3 39 | 29 Sa ◑ | 0610 | 0.7 22 |
| | 1129 | 13.6 415 | | 1229 | 14.3 437 |
| | 1720 | 2.7 83 | | 1807 | 3.5 106 |
| | 2241 | 15.1 459 | | | |
| 15 Sa | 0615 | 1.2 36 | 30 Su | 0020 | 14.9 454 |
| | 1224 | 13.5 410 | | 0650 | 0.8 25 |
| | 1811 | 3.2 99 | | 1301 | 14.2 433 |
| | 2336 | 14.5 442 | | 1845 | 4.0 121 |
| | | | 31 M | 0103 | 14.8 450 |
| | | | | 0730 | 1.0 31 |
| | | | | 1338 | 14.0 428 |
| | | | | 1928 | 4.4 133 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Puerto Ingeniero White, Argentina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0151 | 14.7 | 448 |
| | 0810 | 1.3 | 40 |
| | 1422 | 13.8 | 422 |
| | 2018 | 4.6 | 141 |
| **2** W | 0241 | 14.6 | 445 |
| | 0856 | 1.7 | 51 |
| | 1512 | 13.7 | 417 |
| | 2115 | 4.7 | 143 |
| **3** Th | 0333 | 14.5 | 442 |
| | 0943 | 2.2 | 66 |
| | 1608 | 13.6 | 414 |
| | 2216 | 4.5 | 138 |
| **4** F | 0425 | 14.3 | 437 |
| | 1036 | 2.7 | 81 |
| | 1704 | 13.6 | 414 |
| | 2315 | 4.2 | 127 |
| **5** Sa | 0516 | 14.0 | 428 |
| | 1131 | 3.1 | 95 |
| | 1754 | 13.7 | 417 |
| **6** Su ● | 0009 | 3.7 | 112 |
| | 0608 | 13.7 | 418 |
| | 1224 | 3.4 | 104 |
| | 1837 | 13.8 | 421 |
| **7** M | 0058 | 3.2 | 97 |
| | 0658 | 13.4 | 408 |
| | 1313 | 3.6 | 109 |
| | 1910 | 14.0 | 428 |
| **8** Tu | 0146 | 2.7 | 82 |
| | 0748 | 13.2 | 401 |
| | 1358 | 3.5 | 108 |
| | 1937 | 14.4 | 438 |
| **9** W | 0233 | 2.2 | 67 |
| | 0837 | 13.0 | 397 |
| | 1441 | 3.4 | 104 |
| | 2007 | 14.8 | 450 |
| **10** Th | 0321 | 1.8 | 54 |
| | 0925 | 13.1 | 398 |
| | 1525 | 3.2 | 99 |
| | 2041 | 15.1 | 459 |
| **11** F | 0411 | 1.4 | 43 |
| | 1016 | 13.1 | 400 |
| | 1610 | 3.2 | 97 |
| | 2121 | 15.1 | 459 |
| **12** Sa ◐ | 0502 | 1.2 | 37 |
| | 1110 | 13.2 | 401 |
| | 1659 | 3.3 | 102 |
| | 2210 | 14.7 | 447 |
| **13** Su | 0557 | 1.2 | 38 |
| | 1211 | 13.1 | 398 |
| | 1753 | 3.8 | 116 |
| | 2317 | 13.9 | 423 |
| **14** M | 0653 | 1.5 | 47 |
| | 1322 | 12.9 | 393 |
| | 1854 | 4.4 | 134 |
| **15** Tu | 0155 | 13.3 | 406 |
| | 0752 | 2.0 | 62 |
| | 1443 | 12.8 | 391 |
| | 2004 | 4.9 | 150 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0322 | 13.3 | 405 |
| | 0854 | 2.6 | 79 |
| | 1604 | 13.1 | 398 |
| | 2124 | 5.0 | 152 |
| **17** Th | 0432 | 13.4 | 407 |
| | 1000 | 3.1 | 94 |
| | 1717 | 13.6 | 415 |
| | 2240 | 4.5 | 137 |
| **18** F | 0537 | 13.4 | 409 |
| | 1107 | 3.3 | 101 |
| | 1818 | 14.3 | 435 |
| | 2345 | 3.7 | 113 |
| **19** Sa | 0638 | 13.5 | 413 |
| | 1209 | 3.3 | 100 |
| | 1908 | 14.8 | 452 |
| **20** Su ○ | 0040 | 2.9 | 88 |
| | 0734 | 13.7 | 417 |
| | 1303 | 3.1 | 93 |
| | 1951 | 15.2 | 464 |
| **21** M | 0129 | 2.1 | 65 |
| | 0824 | 13.9 | 423 |
| | 1351 | 2.8 | 86 |
| | 2029 | 15.5 | 471 |
| **22** Tu | 0214 | 1.5 | 47 |
| | 0908 | 14.1 | 429 |
| | 1433 | 2.7 | 81 |
| | 2103 | 15.5 | 473 |
| **23** W | 0257 | 1.1 | 33 |
| | 0947 | 14.3 | 435 |
| | 1512 | 2.6 | 80 |
| | 2134 | 15.5 | 471 |
| **24** Th | 0339 | 0.8 | 23 |
| | 1021 | 14.4 | 438 |
| | 1549 | 2.8 | 84 |
| | 2202 | 15.3 | 466 |
| **25** F | 0419 | 0.6 | 19 |
| | 1052 | 14.4 | 439 |
| | 1623 | 3.1 | 93 |
| | 2226 | 15.1 | 460 |
| **26** Sa | 0458 | 0.6 | 18 |
| | 1119 | 14.3 | 437 |
| | 1656 | 3.4 | 104 |
| | 2252 | 14.9 | 455 |
| **27** Su | 0534 | 0.7 | 20 |
| | 1145 | 14.3 | 436 |
| | 1729 | 3.7 | 113 |
| | 2327 | 14.8 | 452 |
| **28** M ◑ | 0610 | 0.8 | 23 |
| | 1214 | 14.2 | 434 |
| | 1807 | 3.9 | 120 |
| **29** Tu | 0011 | 14.8 | 450 |
| | 0647 | 0.9 | 27 |
| | 1250 | 14.2 | 433 |
| | 1850 | 4.1 | 124 |
| **30** W | 0103 | 14.7 | 448 |
| | 0727 | 1.1 | 34 |
| | 1332 | 14.1 | 431 |
| | 1940 | 4.1 | 126 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0157 | 14.7 | 447 |
| | 0810 | 1.5 | 46 |
| | 1422 | 14.0 | 427 |
| | 2036 | 4.0 | 123 |
| **2** F | 0252 | 14.5 | 443 |
| | 0858 | 2.0 | 62 |
| | 1517 | 13.9 | 425 |
| | 2137 | 3.8 | 116 |
| **3** Sa | 0346 | 14.3 | 436 |
| | 0950 | 2.7 | 83 |
| | 1612 | 13.9 | 425 |
| | 2237 | 3.4 | 105 |
| **4** Su | 0440 | 13.9 | 425 |
| | 1046 | 3.3 | 102 |
| | 1704 | 14.0 | 427 |
| | 2334 | 3.0 | 92 |
| **5** M ● | 0533 | 13.5 | 411 |
| | 1142 | 3.8 | 117 |
| | 1749 | 14.1 | 431 |
| **6** Tu | 0027 | 2.7 | 81 |
| | 0626 | 13.1 | 398 |
| | 1235 | 4.1 | 125 |
| | 1825 | 14.3 | 436 |
| **7** W | 0119 | 2.3 | 70 |
| | 0720 | 12.7 | 388 |
| | 1325 | 4.1 | 126 |
| | 1856 | 14.5 | 443 |
| **8** Th | 0208 | 2.0 | 61 |
| | 0812 | 12.6 | 383 |
| | 1413 | 4.0 | 123 |
| | 1929 | 14.8 | 451 |
| **9** F | 0300 | 1.7 | 52 |
| | 0905 | 12.6 | 383 |
| | 1500 | 3.9 | 118 |
| | 2007 | 14.9 | 454 |
| **10** Sa | 0352 | 1.5 | 45 |
| | 0959 | 12.7 | 386 |
| | 1549 | 3.8 | 115 |
| | 2053 | 14.7 | 447 |
| **11** Su | 0444 | 1.4 | 42 |
| | 1059 | 12.8 | 391 |
| | 1642 | 3.8 | 117 |
| | 2150 | 14.0 | 428 |
| **12** M ◐ | 0540 | 1.4 | 43 |
| | 1206 | 12.9 | 394 |
| | 1740 | 4.1 | 124 |
| **13** Tu | 0017 | 13.3 | 406 |
| | 0635 | 1.7 | 51 |
| | 1320 | 13.1 | 399 |
| | 1845 | 4.4 | 133 |
| **14** W | 0204 | 13.4 | 408 |
| | 0733 | 2.1 | 64 |
| | 1437 | 13.4 | 408 |
| | 1959 | 4.4 | 135 |
| **15** Th | 0313 | 13.6 | 414 |
| | 0834 | 2.6 | 80 |
| | 1549 | 13.9 | 424 |
| | 2115 | 4.1 | 125 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0415 | 13.7 | 418 |
| | 0938 | 3.1 | 94 |
| | 1652 | 14.5 | 443 |
| | 2225 | 3.4 | 104 |
| **17** Sa | 0514 | 13.8 | 420 |
| | 1044 | 3.3 | 102 |
| | 1746 | 15.1 | 461 |
| | 2325 | 2.7 | 81 |
| **18** Su | 0611 | 13.8 | 422 |
| | 1145 | 3.3 | 102 |
| | 1835 | 15.6 | 474 |
| **19** M ○ | 0018 | 2.0 | 60 |
| | 0705 | 13.9 | 424 |
| | 1239 | 3.2 | 98 |
| | 1918 | 15.8 | 481 |
| **20** Tu | 0105 | 1.4 | 43 |
| | 0754 | 14.0 | 428 |
| | 1326 | 3.1 | 94 |
| | 1956 | 15.8 | 482 |
| **21** W | 0151 | 1.0 | 31 |
| | 0839 | 14.2 | 432 |
| | 1408 | 3.0 | 92 |
| | 2031 | 15.7 | 478 |
| **22** Th | 0233 | 0.8 | 24 |
| | 0918 | 14.3 | 435 |
| | 1447 | 3.1 | 94 |
| | 2102 | 15.4 | 470 |
| **23** F | 0315 | 0.7 | 20 |
| | 0953 | 14.3 | 436 |
| | 1522 | 3.3 | 100 |
| | 2128 | 15.1 | 461 |
| **24** Sa | 0353 | 0.7 | 20 |
| | 1022 | 14.2 | 434 |
| | 1555 | 3.5 | 108 |
| | 2150 | 14.9 | 454 |
| **25** Su | 0428 | 0.7 | 21 |
| | 1046 | 14.2 | 433 |
| | 1626 | 3.7 | 114 |
| | 2216 | 14.8 | 450 |
| **26** M | 0501 | 0.7 | 22 |
| | 1107 | 14.2 | 433 |
| | 1659 | 3.8 | 117 |
| | 2251 | 14.7 | 449 |
| **27** Tu ◑ | 0535 | 0.8 | 23 |
| | 1134 | 14.3 | 437 |
| | 1737 | 3.8 | 115 |
| | 2336 | 14.8 | 450 |
| **28** W | 0611 | 0.8 | 24 |
| | 1208 | 14.4 | 440 |
| | 1820 | 3.6 | 111 |
| **29** Th | 0027 | 14.8 | 451 |
| | 0650 | 0.9 | 28 |
| | 1249 | 14.5 | 442 |
| | 1910 | 3.4 | 105 |
| **30** F | 0122 | 14.8 | 450 |
| | 0733 | 1.3 | 39 |
| | 1337 | 14.5 | 442 |
| | 2006 | 3.2 | 99 |
| **31** Sa | 0217 | 14.6 | 445 |
| | 0820 | 1.9 | 58 |
| | 1431 | 14.4 | 440 |
| | 2104 | 3.0 | 91 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0311 | 14.2 | 434 |
| | 0910 | 2.7 | 82 |
| | 1526 | 14.4 | 438 |
| | 2204 | 2.8 | 84 |
| **2** M | 0406 | 13.7 | 418 |
| | 1006 | 3.5 | 107 |
| | 1619 | 14.3 | 437 |
| | 2302 | 2.6 | 78 |
| **3** Tu ● | 0501 | 13.1 | 400 |
| | 1104 | 4.2 | 128 |
| | 1704 | 14.3 | 437 |
| | 2359 | 2.4 | 73 |
| **4** W | 0557 | 12.5 | 382 |
| | 1202 | 4.6 | 140 |
| | 1745 | 14.4 | 438 |
| **5** Th | 0054 | 2.3 | 70 |
| | 0655 | 12.1 | 370 |
| | 1257 | 4.7 | 144 |
| | 1820 | 14.4 | 440 |
| **6** F | 0149 | 2.2 | 66 |
| | 0755 | 12.0 | 365 |
| | 1349 | 4.6 | 141 |
| | 1859 | 14.5 | 441 |
| **7** Sa | 0243 | 2.0 | 61 |
| | 0856 | 12.1 | 368 |
| | 1441 | 4.4 | 134 |
| | 1943 | 14.3 | 437 |
| **8** Su | 0336 | 1.8 | 54 |
| | 0955 | 12.4 | 377 |
| | 1534 | 4.2 | 127 |
| | 2036 | 14.0 | 426 |
| **9** M | 0429 | 1.6 | 49 |
| | 1057 | 12.8 | 389 |
| | 1629 | 4.0 | 122 |
| | 2159 | 13.4 | 409 |
| **10** Tu ◐ | 0523 | 1.5 | 47 |
| | 1202 | 13.2 | 401 |
| | 1729 | 3.9 | 120 |
| **11** W | 0041 | 13.5 | 410 |
| | 0616 | 1.7 | 51 |
| | 1310 | 13.6 | 415 |
| | 1836 | 3.8 | 116 |
| **12** Th | 0150 | 13.7 | 418 |
| | 0711 | 2.0 | 62 |
| | 1417 | 14.1 | 430 |
| | 1945 | 3.5 | 108 |
| **13** F | 0249 | 13.9 | 424 |
| | 0809 | 2.5 | 77 |
| | 1521 | 14.6 | 446 |
| | 2054 | 3.1 | 94 |
| **14** Sa | 0345 | 13.9 | 425 |
| | 0909 | 3.1 | 93 |
| | 1619 | 15.2 | 462 |
| | 2159 | 2.5 | 77 |
| **15** Su | 0440 | 13.9 | 423 |
| | 1012 | 3.4 | 105 |
| | 1711 | 15.6 | 474 |
| | 2256 | 2.0 | 60 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0535 | 13.8 | 421 |
| | 1113 | 3.6 | 109 |
| | 1758 | 15.8 | 482 |
| | 2349 | 1.5 | 47 |
| **17** Tu | 0629 | 13.8 | 421 |
| | 1208 | 3.6 | 109 |
| | 1841 | 15.9 | 484 |
| **18** W ○ | 0038 | 1.2 | 37 |
| | 0720 | 13.9 | 423 |
| | 1257 | 3.5 | 108 |
| | 1920 | 15.8 | 481 |
| **19** Th | 0124 | 1.0 | 31 |
| | 0807 | 14.0 | 426 |
| | 1341 | 3.5 | 107 |
| | 1957 | 15.6 | 474 |
| **20** F | 0208 | 0.9 | 28 |
| | 0850 | 14.1 | 429 |
| | 1420 | 3.6 | 110 |
| | 2029 | 15.2 | 464 |
| **21** Sa | 0248 | 0.9 | 28 |
| | 0926 | 14.1 | 430 |
| | 1455 | 3.7 | 114 |
| | 2059 | 14.9 | 454 |
| **22** Su | 0325 | 1.0 | 29 |
| | 0955 | 14.1 | 429 |
| | 1528 | 3.9 | 118 |
| | 2124 | 14.7 | 447 |
| **23** M | 0359 | 1.0 | 30 |
| | 1016 | 14.0 | 428 |
| | 1559 | 3.9 | 118 |
| | 2152 | 14.6 | 444 |
| **24** Tu | 0431 | 1.0 | 30 |
| | 1035 | 14.1 | 431 |
| | 1633 | 3.7 | 113 |
| | 2227 | 14.6 | 446 |
| **25** W | 0504 | 0.9 | 27 |
| | 1059 | 14.4 | 439 |
| | 1712 | 3.4 | 104 |
| | 2311 | 14.8 | 450 |
| **26** Th ◑ | 0539 | 0.8 | 24 |
| | 1131 | 14.7 | 448 |
| | 1756 | 3.1 | 93 |
| **27** F | 0000 | 14.9 | 453 |
| | 0618 | 0.9 | 26 |
| | 1210 | 14.9 | 455 |
| | 1845 | 2.7 | 82 |
| **28** Sa | 0052 | 14.8 | 452 |
| | 0700 | 1.2 | 37 |
| | 1256 | 15.0 | 456 |
| | 1939 | 2.4 | 74 |
| **29** Su | 0145 | 14.6 | 444 |
| | 0746 | 1.9 | 57 |
| | 1347 | 14.9 | 453 |
| | 2036 | 2.3 | 70 |
| **30** M | 0238 | 14.1 | 429 |
| | 0835 | 2.8 | 84 |
| | 1443 | 14.7 | 448 |
| | 2135 | 2.3 | 70 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Puerto Ingeniero White, Argentina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0333 | 13.4 | 408 |
| | 0931 | 3.7 | 114 |
| | 1538 | 14.5 | 441 |
| | 2234 | 2.4 | 73 |
| **2** W ● | 0430 | 12.6 | 384 |
| | 1031 | 4.6 | 140 |
| | 1629 | 14.3 | 435 |
| | 2334 | 2.6 | 78 |
| **3** Th | 0532 | 11.9 | 364 |
| | 1134 | 5.1 | 156 |
| | 1714 | 14.1 | 429 |
| **4** F | 0034 | 2.7 | 81 |
| | 0643 | 11.5 | 352 |
| | 1236 | 5.2 | 160 |
| | 1757 | 13.9 | 424 |
| **5** Sa | 0132 | 2.6 | 80 |
| | 0800 | 11.5 | 352 |
| | 1333 | 5.1 | 154 |
| | 1842 | 13.7 | 419 |
| **6** Su | 0229 | 2.5 | 75 |
| | 0906 | 11.9 | 363 |
| | 1429 | 4.7 | 142 |
| | 1936 | 13.5 | 412 |
| **7** M | 0322 | 2.1 | 65 |
| | 1001 | 12.5 | 380 |
| | 1524 | 4.2 | 128 |
| | 2057 | 13.3 | 405 |
| **8** Tu | 0414 | 1.8 | 55 |
| | 1054 | 13.1 | 399 |
| | 1620 | 3.7 | 114 |
| | 2321 | 13.5 | 410 |
| **9** W | 0504 | 1.6 | 49 |
| | 1149 | 13.7 | 417 |
| | 1720 | 3.3 | 101 |
| **10** Th ◐ | 0027 | 13.8 | 421 |
| | 0555 | 1.6 | 50 |
| | 1248 | 14.2 | 433 |
| | 1820 | 3.0 | 90 |
| **11** F | 0123 | 14.1 | 429 |
| | 0646 | 1.9 | 59 |
| | 1347 | 14.7 | 447 |
| | 1924 | 2.6 | 79 |
| **12** Sa | 0215 | 14.1 | 431 |
| | 0738 | 2.5 | 75 |
| | 1444 | 15.1 | 459 |
| | 2025 | 2.3 | 69 |
| **13** Su | 0307 | 14.0 | 428 |
| | 0834 | 3.1 | 94 |
| | 1539 | 15.4 | 468 |
| | 2124 | 2.0 | 60 |
| **14** M | 0358 | 13.8 | 421 |
| | 0933 | 3.6 | 111 |
| | 1629 | 15.6 | 474 |
| | 2220 | 1.8 | 54 |
| **15** Tu | 0451 | 13.6 | 414 |
| | 1034 | 4.0 | 122 |
| | 1716 | 15.6 | 476 |
| | 2313 | 1.6 | 50 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0546 | 13.5 | 411 |
| | 1132 | 4.1 | 126 |
| | 1800 | 15.6 | 474 |
| **17** Th | 0004 | 1.5 | 47 |
| | 0640 | 13.5 | 411 |
| | 1224 | 4.1 | 125 |
| | 1841 | 15.4 | 470 |
| **18** F ○ | 0052 | 1.5 | 45 |
| | 0732 | 13.6 | 415 |
| | 1310 | 4.0 | 123 |
| | 1920 | 15.2 | 463 |
| **19** Sa | 0138 | 1.4 | 44 |
| | 0817 | 13.8 | 420 |
| | 1351 | 4.0 | 122 |
| | 1958 | 14.9 | 455 |
| **20** Su | 0220 | 1.4 | 44 |
| | 0856 | 13.8 | 422 |
| | 1428 | 4.0 | 122 |
| | 2032 | 14.7 | 447 |
| **21** M | 0257 | 1.5 | 45 |
| | 0926 | 13.8 | 422 |
| | 1501 | 3.9 | 119 |
| | 2103 | 14.5 | 441 |
| **22** Tu | 0330 | 1.5 | 45 |
| | 0946 | 13.9 | 424 |
| | 1534 | 3.7 | 113 |
| | 2134 | 14.4 | 440 |
| **23** W | 0401 | 1.4 | 42 |
| | 1003 | 14.1 | 430 |
| | 1610 | 3.3 | 102 |
| | 2210 | 14.5 | 443 |
| **24** Th | 0434 | 1.2 | 36 |
| | 1025 | 14.5 | 442 |
| | 1650 | 2.9 | 87 |
| | 2251 | 14.7 | 448 |
| **25** F ◑ | 0510 | 1.0 | 31 |
| | 1056 | 14.9 | 455 |
| | 1734 | 2.4 | 72 |
| | 2336 | 14.8 | 452 |
| **26** Sa | 0548 | 1.0 | 31 |
| | 1133 | 15.2 | 464 |
| | 1823 | 2.0 | 61 |
| **27** Su | 0025 | 14.8 | 450 |
| | 0631 | 1.3 | 40 |
| | 1216 | 15.3 | 466 |
| | 1916 | 1.8 | 56 |
| **28** M | 0115 | 14.4 | 439 |
| | 0716 | 2.0 | 61 |
| | 1307 | 15.1 | 459 |
| | 2011 | 1.9 | 58 |
| **29** Tu | 0208 | 13.8 | 420 |
| | 0807 | 3.0 | 91 |
| | 1405 | 14.7 | 447 |
| | 2110 | 2.2 | 67 |
| **30** W | 0304 | 12.9 | 394 |
| | 0903 | 4.1 | 124 |
| | 1507 | 14.2 | 433 |
| | 2210 | 2.6 | 80 |
| **31** Th | 0407 | 12.0 | 367 |
| | 1008 | 5.0 | 152 |
| | 1608 | 13.8 | 420 |
| | 2314 | 3.0 | 92 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0525 | 11.4 | 348 |
| | 1117 | 5.5 | 168 |
| | 1706 | 13.4 | 408 |
| **2** Sa | 0018 | 3.2 | 99 |
| | 0701 | 11.3 | 344 |
| | 1224 | 5.5 | 167 |
| | 1804 | 13.1 | 399 |
| **3** Su | 0120 | 3.2 | 97 |
| | 0818 | 11.6 | 355 |
| | 1325 | 5.1 | 155 |
| | 1912 | 12.9 | 394 |
| **4** M | 0217 | 2.9 | 88 |
| | 0914 | 12.3 | 374 |
| | 1422 | 4.5 | 136 |
| | 2104 | 13.0 | 396 |
| **5** Tu | 0309 | 2.4 | 74 |
| | 0958 | 13.0 | 395 |
| | 1516 | 3.8 | 115 |
| | 2219 | 13.4 | 408 |
| **6** W | 0358 | 2.0 | 60 |
| | 1042 | 13.6 | 416 |
| | 1610 | 3.1 | 94 |
| | 2315 | 13.8 | 422 |
| **7** Th | 0444 | 1.7 | 51 |
| | 1128 | 14.2 | 434 |
| | 1704 | 2.5 | 76 |
| **8** F ◐ | 0004 | 14.2 | 433 |
| | 0531 | 1.6 | 50 |
| | 1217 | 14.7 | 449 |
| | 1801 | 2.0 | 62 |
| **9** Sa | 0050 | 14.4 | 439 |
| | 0617 | 1.9 | 58 |
| | 1310 | 15.0 | 458 |
| | 1856 | 1.8 | 54 |
| **10** Su | 0136 | 14.3 | 437 |
| | 0704 | 2.4 | 74 |
| | 1402 | 15.2 | 463 |
| | 1950 | 1.7 | 51 |
| **11** M | 0222 | 14.1 | 429 |
| | 0754 | 3.1 | 96 |
| | 1454 | 15.2 | 464 |
| | 2044 | 1.7 | 52 |
| **12** Tu | 0309 | 13.7 | 419 |
| | 0847 | 3.8 | 117 |
| | 1542 | 15.2 | 464 |
| | 2136 | 1.8 | 56 |
| **13** W | 0400 | 13.4 | 408 |
| | 0947 | 4.3 | 132 |
| | 1629 | 15.2 | 463 |
| | 2229 | 2.0 | 61 |
| **14** Th | 0454 | 13.2 | 401 |
| | 1047 | 4.6 | 140 |
| | 1712 | 15.1 | 460 |
| | 2321 | 2.1 | 65 |
| **15** F | 0552 | 13.1 | 400 |
| | 1143 | 4.6 | 139 |
| | 1757 | 15.0 | 457 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0012 | 2.2 | 67 |
| | 0648 | 13.3 | 404 |
| | 1233 | 4.4 | 134 |
| | 1840 | 14.8 | 452 |
| **17** Su | 0101 | 2.2 | 67 |
| | 0737 | 13.4 | 409 |
| | 1317 | 4.2 | 127 |
| | 1923 | 14.6 | 446 |
| **18** M | 0145 | 2.2 | 67 |
| | 0818 | 13.6 | 414 |
| | 1356 | 3.9 | 120 |
| | 2003 | 14.4 | 440 |
| **19** Tu | 0223 | 2.2 | 67 |
| | 0849 | 13.6 | 416 |
| | 1433 | 3.7 | 112 |
| | 2041 | 14.3 | 436 |
| **20** W | 0258 | 2.1 | 65 |
| | 0908 | 13.8 | 421 |
| | 1509 | 3.3 | 100 |
| | 2116 | 14.3 | 436 |
| **21** Th | 0331 | 1.9 | 59 |
| | 0926 | 14.1 | 431 |
| | 1547 | 2.8 | 85 |
| | 2151 | 14.4 | 439 |
| **22** F | 0405 | 1.7 | 51 |
| | 0949 | 14.6 | 445 |
| | 1628 | 2.3 | 69 |
| | 2231 | 14.6 | 444 |
| **23** Sa ◑ | 0441 | 1.4 | 44 |
| | 1018 | 15.1 | 459 |
| | 1712 | 1.8 | 55 |
| | 2313 | 14.6 | 446 |
| **24** Su | 0521 | 1.4 | 43 |
| | 1056 | 15.4 | 468 |
| | 1802 | 1.5 | 46 |
| **25** M | 0000 | 14.5 | 442 |
| | 0604 | 1.7 | 52 |
| | 1140 | 15.3 | 466 |
| | 1854 | 1.5 | 46 |
| **26** Tu | 0049 | 14.1 | 429 |
| | 0651 | 2.4 | 73 |
| | 1233 | 14.9 | 454 |
| | 1950 | 1.8 | 56 |
| **27** W | 0143 | 13.4 | 407 |
| | 0744 | 3.4 | 103 |
| | 1339 | 14.2 | 434 |
| | 2048 | 2.4 | 73 |
| **28** Th | 0244 | 12.5 | 380 |
| | 0845 | 4.5 | 136 |
| | 1501 | 13.6 | 415 |
| | 2151 | 3.0 | 92 |
| **29** F | 0403 | 11.7 | 356 |
| | 0956 | 5.3 | 161 |
| | 1627 | 13.1 | 400 |
| | 2258 | 3.6 | 109 |
| **30** Sa ● | 0546 | 11.4 | 347 |
| | 1111 | 5.5 | 168 |
| | 1751 | 12.9 | 392 |
| **31** Su | 0005 | 3.8 | 115 |
| | 0717 | 11.7 | 357 |
| | 1220 | 5.2 | 159 |
| | 1914 | 12.8 | 390 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0109 | 3.6 | 110 |
| | 0818 | 12.3 | 376 |
| | 1321 | 4.6 | 140 |
| | 2027 | 13.0 | 397 |
| **2** Tu | 0205 | 3.2 | 97 |
| | 0903 | 13.0 | 396 |
| | 1415 | 3.8 | 116 |
| | 2125 | 13.4 | 409 |
| **3** W | 0254 | 2.6 | 80 |
| | 0943 | 13.6 | 416 |
| | 1506 | 3.0 | 91 |
| | 2213 | 13.8 | 422 |
| **4** Th | 0339 | 2.1 | 65 |
| | 1021 | 14.2 | 434 |
| | 1557 | 2.2 | 68 |
| | 2255 | 14.3 | 435 |
| **5** F | 0421 | 1.8 | 56 |
| | 1100 | 14.7 | 448 |
| | 1645 | 1.7 | 51 |
| | 2336 | 14.5 | 443 |
| **6** Sa | 0505 | 1.8 | 55 |
| | 1143 | 15.0 | 456 |
| | 1736 | 1.3 | 40 |
| **7** Su ◐ | 0014 | 14.6 | 446 |
| | 0547 | 2.1 | 63 |
| | 1228 | 15.1 | 459 |
| | 1825 | 1.2 | 37 |
| **8** M | 0054 | 14.5 | 442 |
| | 0629 | 2.6 | 79 |
| | 1316 | 15.1 | 459 |
| | 1912 | 1.3 | 40 |
| **9** Tu | 0134 | 14.2 | 433 |
| | 0714 | 3.2 | 99 |
| | 1403 | 15.0 | 456 |
| | 2000 | 1.6 | 48 |
| **10** W | 0215 | 13.8 | 421 |
| | 0801 | 3.9 | 119 |
| | 1450 | 14.9 | 453 |
| | 2048 | 1.9 | 59 |
| **11** Th | 0302 | 13.4 | 409 |
| | 0855 | 4.4 | 135 |
| | 1536 | 14.8 | 450 |
| | 2137 | 2.3 | 70 |
| **12** F | 0354 | 13.1 | 400 |
| | 0954 | 4.7 | 143 |
| | 1620 | 14.7 | 449 |
| | 2228 | 2.6 | 80 |
| **13** Sa | 0452 | 13.0 | 396 |
| | 1053 | 4.6 | 141 |
| | 1708 | 14.7 | 447 |
| | 2321 | 2.9 | 87 |
| **14** Su | 0551 | 13.0 | 397 |
| | 1148 | 4.4 | 133 |
| | 1754 | 14.6 | 444 |
| **15** M ○ | 0013 | 3.0 | 92 |
| | 0644 | 13.2 | 402 |
| | 1236 | 4.0 | 122 |
| | 1843 | 14.4 | 439 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0102 | 3.1 | 93 |
| | 0727 | 13.4 | 408 |
| | 1320 | 3.6 | 110 |
| | 1929 | 14.2 | 434 |
| **17** W | 0144 | 3.0 | 92 |
| | 0759 | 13.5 | 413 |
| | 1401 | 3.2 | 97 |
| | 2012 | 14.1 | 430 |
| **18** Th | 0222 | 2.9 | 88 |
| | 0822 | 13.8 | 420 |
| | 1441 | 2.8 | 84 |
| | 2052 | 14.1 | 429 |
| **19** F | 0259 | 2.6 | 80 |
| | 0843 | 14.2 | 432 |
| | 1523 | 2.3 | 69 |
| | 2130 | 14.1 | 431 |
| **20** Sa | 0336 | 2.3 | 71 |
| | 0909 | 14.6 | 446 |
| | 1606 | 1.8 | 56 |
| | 2209 | 14.2 | 434 |
| **21** Su | 0414 | 2.1 | 63 |
| | 0942 | 15.1 | 459 |
| | 1653 | 1.5 | 45 |
| | 2251 | 14.3 | 435 |
| **22** M ◑ | 0456 | 2.0 | 61 |
| | 1021 | 15.2 | 462 |
| | 1743 | 1.4 | 42 |
| | 2338 | 14.1 | 430 |
| **23** Tu | 0542 | 2.3 | 70 |
| | 1109 | 14.9 | 454 |
| | 1836 | 1.5 | 47 |
| **24** W | 0029 | 13.7 | 417 |
| | 0632 | 2.9 | 89 |
| | 1211 | 14.3 | 435 |
| | 1931 | 2.0 | 61 |
| **25** Th | 0128 | 13.0 | 396 |
| | 0730 | 3.8 | 116 |
| | 1350 | 13.5 | 413 |
| | 2031 | 2.7 | 82 |
| **26** F | 0244 | 12.3 | 374 |
| | 0838 | 4.7 | 142 |
| | 1538 | 13.2 | 402 |
| | 2135 | 3.4 | 104 |
| **27** Sa | 0421 | 11.9 | 362 |
| | 0955 | 5.1 | 155 |
| | 1701 | 13.0 | 397 |
| | 2245 | 3.9 | 120 |
| **28** Su | 0556 | 12.1 | 369 |
| | 1111 | 4.9 | 150 |
| | 1816 | 13.0 | 397 |
| | 2354 | 4.0 | 123 |
| **29** M ● | 0706 | 12.7 | 386 |
| | 1217 | 4.4 | 133 |
| | 1925 | 13.2 | 403 |
| **30** Tu | 0057 | 3.8 | 116 |
| | 0759 | 13.3 | 405 |
| | 1314 | 3.6 | 110 |
| | 2025 | 13.5 | 412 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Puerto Ingeniero White, Argentina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0150 | 3.3 | 102 |
| | 0841 | 13.8 | 422 |
| | 1405 | 2.8 | 86 |
| | 2114 | 13.9 | 423 |
| **2** Th | 0236 | 2.8 | 86 |
| | 0918 | 14.3 | 435 |
| | 1453 | 2.1 | 64 |
| | 2155 | 14.2 | 434 |
| **3** F | 0319 | 2.4 | 73 |
| | 0955 | 14.6 | 446 |
| | 1539 | 1.5 | 46 |
| | 2233 | 14.5 | 443 |
| **4** Sa | 0400 | 2.2 | 66 |
| | 1031 | 14.9 | 453 |
| | 1625 | 1.1 | 34 |
| | 2308 | 14.7 | 449 |
| **5** Su | 0439 | 2.2 | 66 |
| | 1108 | 15.0 | 456 |
| | 1710 | 0.9 | 28 |
| | 2341 | 14.7 | 449 |
| **6** M | 0518 | 2.4 | 74 |
| | 1147 | 14.9 | 454 |
| | 1754 | 0.9 | 28 |
| **7** Tu ◐ | 0013 | 14.6 | 445 |
| | 0557 | 2.9 | 87 |
| | 1228 | 14.8 | 451 |
| | 1836 | 1.1 | 34 |
| **8** W | 0047 | 14.3 | 437 |
| | 0636 | 3.3 | 102 |
| | 1311 | 14.7 | 448 |
| | 1918 | 1.4 | 44 |
| **9** Th | 0123 | 14.0 | 428 |
| | 0719 | 3.8 | 116 |
| | 1356 | 14.6 | 446 |
| | 2000 | 1.8 | 56 |
| **10** F | 0205 | 13.7 | 418 |
| | 0808 | 4.1 | 126 |
| | 1442 | 14.6 | 445 |
| | 2044 | 2.3 | 70 |
| **11** Sa | 0253 | 13.5 | 410 |
| | 0903 | 4.3 | 130 |
| | 1530 | 14.6 | 445 |
| | 2132 | 2.8 | 84 |
| **12** Su | 0349 | 13.3 | 405 |
| | 1001 | 4.2 | 127 |
| | 1620 | 14.6 | 444 |
| | 2224 | 3.2 | 97 |
| **13** M | 0446 | 13.3 | 404 |
| | 1059 | 3.8 | 117 |
| | 1710 | 14.4 | 440 |
| | 2318 | 3.5 | 107 |
| **14** Tu ○ | 0541 | 13.3 | 406 |
| | 1152 | 3.4 | 105 |
| | 1800 | 14.2 | 434 |
| **15** W | 0012 | 3.7 | 113 |
| | 0626 | 13.5 | 410 |
| | 1241 | 3.1 | 93 |
| | 1850 | 14.0 | 427 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0101 | 3.7 | 114 |
| | 0702 | 13.6 | 416 |
| | 1328 | 2.7 | 81 |
| | 1937 | 13.8 | 420 |
| **17** F | 0144 | 3.6 | 111 |
| | 0731 | 13.9 | 423 |
| | 1413 | 2.3 | 70 |
| | 2023 | 13.6 | 416 |
| **18** Sa | 0226 | 3.4 | 104 |
| | 0758 | 14.2 | 433 |
| | 1458 | 2.0 | 60 |
| | 2105 | 13.6 | 416 |
| **19** Su | 0307 | 3.1 | 95 |
| | 0829 | 14.6 | 444 |
| | 1545 | 1.7 | 51 |
| | 2147 | 13.7 | 418 |
| **20** M | 0349 | 2.8 | 86 |
| | 0905 | 14.8 | 451 |
| | 1634 | 1.5 | 46 |
| | 2231 | 13.7 | 419 |
| **21** Tu ◑ | 0435 | 2.7 | 83 |
| | 0950 | 14.7 | 447 |
| | 1726 | 1.5 | 46 |
| | 2321 | 13.6 | 415 |
| **22** W | 0525 | 2.9 | 89 |
| | 1047 | 14.2 | 432 |
| | 1819 | 1.7 | 53 |
| **23** Th | 0018 | 13.3 | 406 |
| | 0620 | 3.4 | 103 |
| | 1229 | 13.5 | 411 |
| | 1915 | 2.3 | 69 |
| **24** F | 0130 | 12.9 | 393 |
| | 0724 | 4.0 | 121 |
| | 1435 | 13.3 | 405 |
| | 2015 | 2.9 | 89 |
| **25** Sa | 0259 | 12.6 | 384 |
| | 0837 | 4.4 | 133 |
| | 1553 | 13.3 | 406 |
| | 2120 | 3.6 | 110 |
| **26** Su | 0427 | 12.7 | 388 |
| | 0953 | 4.3 | 131 |
| | 1702 | 13.4 | 408 |
| | 2229 | 4.0 | 123 |
| **27** M | 0541 | 13.2 | 402 |
| | 1105 | 3.8 | 117 |
| | 1808 | 13.5 | 412 |
| | 2337 | 4.1 | 125 |
| **28** Tu ● | 0640 | 13.7 | 418 |
| | 1206 | 3.2 | 97 |
| | 1910 | 13.7 | 418 |
| **29** W | 0038 | 3.9 | 118 |
| | 0730 | 14.2 | 433 |
| | 1259 | 2.5 | 77 |
| | 2004 | 13.9 | 425 |
| **30** Th | 0130 | 3.5 | 106 |
| | 0812 | 14.5 | 443 |
| | 1348 | 1.9 | 59 |
| | 2052 | 14.2 | 433 |
| **31** F | 0216 | 3.1 | 94 |
| | 0851 | 14.7 | 449 |
| | 1434 | 1.4 | 44 |
| | 2132 | 14.5 | 441 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0257 | 2.8 | 85 |
| | 0927 | 14.8 | 451 |
| | 1519 | 1.1 | 33 |
| | 2208 | 14.6 | 446 |
| **2** Su | 0336 | 2.7 | 81 |
| | 1001 | 14.8 | 451 |
| | 1602 | 0.9 | 27 |
| | 2241 | 14.7 | 449 |
| **3** M | 0414 | 2.7 | 83 |
| | 1035 | 14.7 | 448 |
| | 1643 | 0.8 | 25 |
| | 2311 | 14.7 | 449 |
| **4** Tu | 0450 | 2.9 | 89 |
| | 1108 | 14.6 | 445 |
| | 1723 | 0.9 | 28 |
| | 2338 | 14.6 | 446 |
| **5** W | 0526 | 3.2 | 97 |
| | 1143 | 14.5 | 442 |
| | 1800 | 1.1 | 34 |
| **6** Th ◐ | 0005 | 14.5 | 442 |
| | 0603 | 3.4 | 104 |
| | 1223 | 14.5 | 442 |
| | 1837 | 1.3 | 41 |
| **7** F | 0037 | 14.4 | 438 |
| | 0644 | 3.5 | 108 |
| | 1308 | 14.6 | 444 |
| | 1916 | 1.6 | 50 |
| **8** Sa | 0116 | 14.2 | 433 |
| | 0730 | 3.6 | 109 |
| | 1356 | 14.7 | 447 |
| | 1957 | 2.0 | 62 |
| **9** Su | 0201 | 14.1 | 429 |
| | 0822 | 3.5 | 106 |
| | 1445 | 14.7 | 449 |
| | 2042 | 2.5 | 77 |
| **10** M | 0252 | 13.9 | 424 |
| | 0917 | 3.2 | 99 |
| | 1535 | 14.7 | 447 |
| | 2131 | 3.1 | 94 |
| **11** Tu | 0347 | 13.8 | 422 |
| | 1014 | 3.0 | 90 |
| | 1626 | 14.4 | 440 |
| | 2225 | 3.6 | 111 |
| **12** W | 0440 | 13.8 | 421 |
| | 1109 | 2.7 | 82 |
| | 1718 | 14.1 | 430 |
| | 2321 | 4.1 | 125 |
| **13** Th ○ | 0527 | 13.8 | 422 |
| | 1202 | 2.4 | 74 |
| | 1810 | 13.7 | 417 |
| **14** F | 0015 | 4.3 | 132 |
| | 0607 | 13.9 | 424 |
| | 1254 | 2.3 | 69 |
| | 1901 | 13.3 | 406 |
| **15** Sa | 0105 | 4.3 | 132 |
| | 0640 | 14.0 | 427 |
| | 1344 | 2.1 | 65 |
| | 1951 | 13.1 | 399 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0153 | 4.2 | 127 |
| | 0713 | 14.2 | 433 |
| | 1434 | 2.0 | 61 |
| | 2037 | 13.0 | 397 |
| **17** M | 0240 | 3.9 | 118 |
| | 0749 | 14.3 | 437 |
| | 1524 | 1.9 | 58 |
| | 2126 | 13.1 | 399 |
| **18** Tu | 0327 | 3.6 | 109 |
| | 0832 | 14.3 | 435 |
| | 1616 | 1.8 | 55 |
| | 2216 | 13.2 | 403 |
| **19** W ◑ | 0417 | 3.4 | 103 |
| | 0926 | 13.9 | 424 |
| | 1709 | 1.8 | 55 |
| | 2312 | 13.3 | 405 |
| **20** Th | 0512 | 3.4 | 103 |
| | 1051 | 13.3 | 406 |
| | 1803 | 2.0 | 61 |
| **21** F | 0019 | 13.3 | 404 |
| | 0613 | 3.5 | 107 |
| | 1325 | 13.3 | 405 |
| | 1859 | 2.4 | 74 |
| **22** Sa | 0138 | 13.3 | 404 |
| | 0720 | 3.6 | 110 |
| | 1439 | 13.5 | 413 |
| | 1958 | 3.0 | 91 |
| **23** Su | 0259 | 13.4 | 409 |
| | 0832 | 3.5 | 107 |
| | 1543 | 13.7 | 419 |
| | 2101 | 3.6 | 109 |
| **24** M | 0411 | 13.8 | 420 |
| | 0943 | 3.1 | 96 |
| | 1644 | 13.8 | 422 |
| | 2207 | 4.0 | 121 |
| **25** Tu | 0514 | 14.2 | 434 |
| | 1048 | 2.6 | 80 |
| | 1744 | 13.9 | 424 |
| | 2314 | 4.1 | 125 |
| **26** W | 0608 | 14.6 | 445 |
| | 1146 | 2.1 | 65 |
| | 1842 | 14.0 | 427 |
| **27** Th ● | 0013 | 3.9 | 120 |
| | 0656 | 14.9 | 453 |
| | 1238 | 1.7 | 52 |
| | 1936 | 14.1 | 431 |
| **28** F | 0107 | 3.7 | 112 |
| | 0740 | 14.9 | 455 |
| | 1327 | 1.4 | 42 |
| | 2024 | 14.3 | 437 |
| **29** Sa | 0153 | 3.4 | 104 |
| | 0820 | 14.9 | 454 |
| | 1413 | 1.1 | 34 |
| | 2106 | 14.5 | 442 |
| **30** Su | 0233 | 3.2 | 98 |
| | 0857 | 14.8 | 450 |
| | 1456 | 1.0 | 30 |
| | 2143 | 14.6 | 446 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0314 | 3.2 | 97 |
| | 0933 | 14.6 | 444 |
| | 1538 | 1.0 | 29 |
| | 2216 | 14.7 | 447 |
| **2** Tu | 0350 | 3.2 | 99 |
| | 1006 | 14.4 | 438 |
| | 1617 | 1.0 | 30 |
| | 2243 | 14.6 | 446 |
| **3** W | 0425 | 3.3 | 102 |
| | 1036 | 14.3 | 435 |
| | 1652 | 1.1 | 33 |
| | 2306 | 14.6 | 444 |
| **4** Th | 0459 | 3.4 | 104 |
| | 1109 | 14.3 | 435 |
| | 1727 | 1.2 | 37 |
| | 2329 | 14.6 | 445 |
| **5** F ◐ | 0534 | 3.3 | 102 |
| | 1147 | 14.4 | 439 |
| | 1801 | 1.3 | 40 |
| | 2357 | 14.7 | 447 |
| **6** Sa | 0614 | 3.1 | 96 |
| | 1231 | 14.6 | 445 |
| | 1837 | 1.4 | 44 |
| **7** Su | 0033 | 14.7 | 449 |
| | 0659 | 2.9 | 87 |
| | 1318 | 14.8 | 451 |
| | 1917 | 1.7 | 53 |
| **8** M | 0116 | 14.7 | 449 |
| | 0748 | 2.5 | 77 |
| | 1406 | 14.9 | 454 |
| | 2000 | 2.2 | 67 |
| **9** Tu | 0204 | 14.7 | 447 |
| | 0842 | 2.2 | 68 |
| | 1456 | 14.8 | 450 |
| | 2048 | 2.9 | 87 |
| **10** W | 0256 | 14.6 | 444 |
| | 0935 | 2.0 | 62 |
| | 1547 | 14.4 | 440 |
| | 2140 | 3.6 | 110 |
| **11** Th | 0347 | 14.4 | 439 |
| | 1032 | 2.0 | 60 |
| | 1637 | 13.9 | 423 |
| | 2236 | 4.3 | 131 |
| **12** F ○ | 0435 | 14.3 | 435 |
| | 1127 | 2.0 | 62 |
| | 1731 | 13.3 | 405 |
| | 2335 | 4.8 | 145 |
| **13** Sa | 0518 | 14.1 | 431 |
| | 1222 | 2.2 | 66 |
| | 1826 | 12.8 | 390 |
| **14** Su | 0031 | 4.9 | 150 |
| | 0556 | 14.0 | 428 |
| | 1317 | 2.3 | 70 |
| | 1921 | 12.5 | 380 |
| **15** M | 0125 | 4.8 | 147 |
| | 0634 | 13.9 | 425 |
| | 1412 | 2.4 | 72 |
| | 2017 | 12.4 | 379 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0218 | 4.5 | 137 |
| | 0718 | 13.8 | 421 |
| | 1506 | 2.3 | 71 |
| | 2112 | 12.6 | 384 |
| **17** W | 0310 | 4.1 | 125 |
| | 0809 | 13.5 | 412 |
| | 1559 | 2.2 | 68 |
| | 2209 | 12.9 | 394 |
| **18** Th | 0405 | 3.7 | 114 |
| | 0922 | 13.1 | 398 |
| | 1653 | 2.2 | 66 |
| | 2312 | 13.3 | 404 |
| **19** F ◑ | 0503 | 3.4 | 104 |
| | 1211 | 13.1 | 399 |
| | 1745 | 2.2 | 67 |
| **20** Sa | 0020 | 13.6 | 414 |
| | 0606 | 3.1 | 96 |
| | 1324 | 13.5 | 413 |
| | 1840 | 2.5 | 75 |
| **21** Su | 0132 | 13.9 | 424 |
| | 0712 | 2.9 | 87 |
| | 1424 | 13.9 | 424 |
| | 1936 | 2.9 | 89 |
| **22** M | 0240 | 14.3 | 435 |
| | 0818 | 2.5 | 75 |
| | 1520 | 14.1 | 430 |
| | 2036 | 3.5 | 106 |
| **23** Tu | 0343 | 14.7 | 447 |
| | 0922 | 2.1 | 63 |
| | 1616 | 14.1 | 430 |
| | 2139 | 3.9 | 120 |
| **24** W | 0440 | 15.0 | 456 |
| | 1022 | 1.7 | 52 |
| | 1712 | 14.1 | 429 |
| | 2244 | 4.2 | 127 |
| **25** Th | 0532 | 15.1 | 461 |
| | 1119 | 1.5 | 45 |
| | 1809 | 14.0 | 428 |
| | 2345 | 4.1 | 126 |
| **26** F | 0620 | 15.2 | 462 |
| | 1211 | 1.3 | 40 |
| | 1903 | 14.1 | 431 |
| **27** Sa ● | 0040 | 4.0 | 121 |
| | 0704 | 15.0 | 458 |
| | 1300 | 1.2 | 37 |
| | 1953 | 14.3 | 435 |
| **28** Su | 0128 | 3.8 | 115 |
| | 0747 | 14.8 | 452 |
| | 1347 | 1.2 | 36 |
| | 2037 | 14.4 | 440 |
| **29** M | 0210 | 3.6 | 111 |
| | 0827 | 14.6 | 444 |
| | 1431 | 1.2 | 36 |
| | 2117 | 14.5 | 443 |
| **30** Tu | 0250 | 3.6 | 109 |
| | 0905 | 14.3 | 436 |
| | 1512 | 1.2 | 38 |
| | 2150 | 14.6 | 444 |
| **31** W | 0326 | 3.6 | 109 |
| | 0939 | 14.1 | 430 |
| | 1549 | 1.3 | 41 |
| | 2216 | 14.5 | 443 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Comodoro Rivadavia, Argentina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0448 | 2.5 | 77 |
| | 1105 | 17.1 | 520 |
| | 1714 | 3.9 | 118 |
| | 2318 | 15.8 | 483 |
| **2** W | 0535 | 3.4 | 103 |
| | 1153 | 16.4 | 499 |
| | 1809 | 4.2 | 127 |
| **3** Th | 0014 | 15.1 | 460 |
| | 0628 | 4.2 | 128 |
| | 1245 | 15.8 | 483 |
| | 1908 | 4.3 | 132 |
| **4** F | 0116 | 14.7 | 449 |
| | 0723 | 4.8 | 147 |
| | 1341 | 15.6 | 475 |
| | 2007 | 4.3 | 131 |
| **5** Sa | 0221 | 14.8 | 450 |
| | 0818 | 5.2 | 160 |
| | 1437 | 15.6 | 475 |
| | 2105 | 4.1 | 126 |
| **6** Su | 0322 | 15.1 | 461 |
| | 0914 | 5.5 | 167 |
| | 1531 | 15.8 | 481 |
| | 2200 | 3.9 | 119 |
| **7** M | 0416 | 15.6 | 477 |
| | 1008 | 5.6 | 170 |
| | 1620 | 16.0 | 488 |
| | 2253 | 3.6 | 111 |
| **8** Tu ● | 0505 | 16.2 | 493 |
| | 1101 | 5.6 | 170 |
| | 1704 | 16.2 | 495 |
| | 2343 | 3.4 | 103 |
| **9** W | 0550 | 16.6 | 507 |
| | 1151 | 5.5 | 167 |
| | 1745 | 16.5 | 502 |
| **10** Th | 0029 | 3.1 | 94 |
| | 0631 | 17.0 | 518 |
| | 1238 | 5.3 | 161 |
| | 1824 | 16.8 | 511 |
| **11** F | 0113 | 2.8 | 84 |
| | 0709 | 17.3 | 528 |
| | 1321 | 5.0 | 151 |
| | 1902 | 17.1 | 521 |
| **12** Sa | 0151 | 2.5 | 75 |
| | 0745 | 17.6 | 536 |
| | 1358 | 4.5 | 138 |
| | 1939 | 17.4 | 531 |
| **13** Su | 0224 | 2.2 | 66 |
| | 0821 | 17.8 | 543 |
| | 1430 | 4.1 | 125 |
| | 2018 | 17.7 | 540 |
| **14** M | 0251 | 2.0 | 62 |
| | 0857 | 17.9 | 546 |
| | 1459 | 3.7 | 113 |
| | 2059 | 17.8 | 542 |
| **15** Tu ◐ | 0318 | 2.0 | 62 |
| | 0935 | 17.8 | 544 |
| | 1534 | 3.4 | 105 |
| | 2144 | 17.6 | 535 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0352 | 2.3 | 70 |
| | 1018 | 17.6 | 536 |
| | 1618 | 3.4 | 105 |
| | 2236 | 17.1 | 520 |
| **17** Th | 0438 | 2.9 | 89 |
| | 1107 | 17.2 | 523 |
| | 1715 | 3.6 | 111 |
| | 2336 | 16.5 | 502 |
| **18** F | 0536 | 3.7 | 114 |
| | 1204 | 16.7 | 510 |
| | 1824 | 3.9 | 118 |
| **19** Sa | 0046 | 16.0 | 488 |
| | 0643 | 4.5 | 138 |
| | 1309 | 16.5 | 502 |
| | 1936 | 3.9 | 118 |
| **20** Su | 0201 | 16.0 | 488 |
| | 0751 | 5.1 | 154 |
| | 1418 | 16.6 | 505 |
| | 2048 | 3.6 | 111 |
| **21** M | 0316 | 16.5 | 503 |
| | 0858 | 5.3 | 161 |
| | 1528 | 17.0 | 518 |
| | 2200 | 3.2 | 98 |
| **22** Tu ○ | 0425 | 17.3 | 526 |
| | 1005 | 5.3 | 161 |
| | 1633 | 17.6 | 537 |
| | 2313 | 2.7 | 82 |
| **23** W | 0524 | 18.0 | 550 |
| | 1114 | 5.1 | 154 |
| | 1731 | 18.2 | 555 |
| **24** Th | 0017 | 2.1 | 65 |
| | 0617 | 18.6 | 568 |
| | 1218 | 4.6 | 140 |
| | 1823 | 18.7 | 569 |
| **25** F | 0109 | 1.7 | 52 |
| | 0705 | 19.0 | 580 |
| | 1311 | 4.1 | 124 |
| | 1910 | 18.9 | 576 |
| **26** Sa | 0151 | 1.4 | 44 |
| | 0749 | 19.2 | 584 |
| | 1356 | 3.6 | 109 |
| | 1954 | 18.9 | 576 |
| **27** Su | 0227 | 1.4 | 43 |
| | 0829 | 19.1 | 581 |
| | 1436 | 3.1 | 96 |
| | 2034 | 18.6 | 567 |
| **28** M | 0301 | 1.6 | 48 |
| | 0907 | 18.8 | 572 |
| | 1515 | 2.9 | 88 |
| | 2115 | 18.1 | 552 |
| **29** Tu | 0336 | 1.9 | 59 |
| | 0943 | 18.2 | 555 |
| | 1555 | 2.9 | 88 |
| | 2155 | 17.4 | 529 |
| **30** W ◑ | 0413 | 2.5 | 77 |
| | 1021 | 17.5 | 534 |
| | 1639 | 3.1 | 96 |
| | 2239 | 16.5 | 502 |
| **31** Th | 0454 | 3.3 | 101 |
| | 1102 | 16.7 | 508 |
| | 1727 | 3.6 | 110 |
| | 2329 | 15.6 | 474 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0541 | 4.2 | 127 |
| | 1148 | 15.8 | 483 |
| | 1821 | 4.1 | 124 |
| **2** Sa | 0026 | 14.8 | 451 |
| | 0635 | 5.0 | 151 |
| | 1242 | 15.2 | 462 |
| | 1920 | 4.4 | 134 |
| **3** Su | 0132 | 14.4 | 440 |
| | 0733 | 5.5 | 169 |
| | 1343 | 14.8 | 451 |
| | 2020 | 4.5 | 136 |
| **4** M | 0240 | 14.6 | 444 |
| | 0832 | 5.8 | 178 |
| | 1446 | 14.8 | 452 |
| | 2123 | 4.3 | 131 |
| **5** Tu | 0342 | 15.1 | 460 |
| | 0932 | 5.9 | 179 |
| | 1545 | 15.2 | 463 |
| | 2222 | 4.0 | 121 |
| **6** W | 0436 | 15.8 | 481 |
| | 1031 | 5.7 | 174 |
| | 1636 | 15.7 | 479 |
| | 2318 | 3.6 | 109 |
| **7** Th ● | 0523 | 16.5 | 502 |
| | 1127 | 5.4 | 165 |
| | 1720 | 16.3 | 498 |
| **8** F | 0007 | 3.1 | 95 |
| | 0604 | 17.1 | 520 |
| | 1217 | 5.0 | 152 |
| | 1802 | 17.0 | 518 |
| **9** Sa | 0052 | 2.7 | 82 |
| | 0643 | 17.6 | 537 |
| | 1301 | 4.5 | 136 |
| | 1841 | 17.7 | 539 |
| **10** Su | 0131 | 2.3 | 71 |
| | 0719 | 18.1 | 552 |
| | 1340 | 3.9 | 118 |
| | 1920 | 18.3 | 557 |
| **11** M | 0204 | 2.0 | 62 |
| | 0754 | 18.5 | 564 |
| | 1414 | 3.3 | 101 |
| | 2001 | 18.7 | 569 |
| **12** Tu | 0233 | 1.9 | 58 |
| | 0831 | 18.7 | 570 |
| | 1446 | 2.8 | 86 |
| | 2043 | 18.8 | 572 |
| **13** W | 0302 | 1.9 | 59 |
| | 0909 | 18.6 | 568 |
| | 1521 | 2.6 | 78 |
| | 2129 | 18.4 | 562 |
| **14** Th ◐ | 0338 | 2.3 | 71 |
| | 0951 | 18.2 | 554 |
| | 1604 | 2.6 | 80 |
| | 2220 | 17.7 | 540 |
| **15** F | 0423 | 3.0 | 92 |
| | 1039 | 17.4 | 531 |
| | 1659 | 3.0 | 92 |
| | 2319 | 16.7 | 510 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0519 | 4.0 | 121 |
| | 1137 | 16.6 | 505 |
| | 1806 | 3.5 | 107 |
| **17** Su | 0029 | 15.9 | 485 |
| | 0625 | 4.9 | 148 |
| | 1246 | 15.9 | 484 |
| | 1919 | 3.8 | 116 |
| **18** M | 0149 | 15.6 | 476 |
| | 0734 | 5.4 | 166 |
| | 1403 | 15.7 | 480 |
| | 2035 | 3.8 | 115 |
| **19** Tu | 0308 | 16.0 | 488 |
| | 0845 | 5.6 | 170 |
| | 1521 | 16.2 | 494 |
| | 2156 | 3.4 | 103 |
| **20** W | 0415 | 16.8 | 513 |
| | 0958 | 5.4 | 164 |
| | 1627 | 17.0 | 518 |
| | 2313 | 2.9 | 87 |
| **21** Th ○ | 0511 | 17.6 | 537 |
| | 1113 | 4.9 | 150 |
| | 1721 | 17.7 | 540 |
| **22** F | 0010 | 2.4 | 73 |
| | 0559 | 18.2 | 556 |
| | 1213 | 4.3 | 132 |
| | 1810 | 18.3 | 557 |
| **23** Sa | 0054 | 2.1 | 65 |
| | 0643 | 18.6 | 568 |
| | 1258 | 3.8 | 115 |
| | 1853 | 18.6 | 566 |
| **24** Su | 0129 | 2.1 | 63 |
| | 0722 | 18.8 | 573 |
| | 1336 | 3.2 | 99 |
| | 1933 | 18.6 | 568 |
| **25** M | 0201 | 2.1 | 65 |
| | 0759 | 18.7 | 571 |
| | 1412 | 2.8 | 86 |
| | 2010 | 18.5 | 563 |
| **26** Tu | 0232 | 2.3 | 69 |
| | 0832 | 18.5 | 563 |
| | 1449 | 2.6 | 78 |
| | 2046 | 18.1 | 551 |
| **27** W | 0305 | 2.5 | 76 |
| | 0906 | 18.0 | 550 |
| | 1527 | 2.5 | 77 |
| | 2126 | 17.5 | 533 |
| **28** Th ◑ | 0340 | 2.9 | 88 |
| | 0939 | 17.4 | 530 |
| | 1607 | 2.8 | 84 |
| | 2206 | 16.7 | 509 |
| **29** F | 0419 | 3.5 | 106 |
| | 1018 | 16.5 | 504 |
| | 1651 | 3.2 | 98 |
| | 2252 | 15.8 | 481 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0504 | 4.2 | 128 |
| | 1101 | 15.6 | 476 |
| | 1741 | 3.8 | 115 |
| | 2346 | 14.9 | 455 |
| **2** Su | 0555 | 5.0 | 151 |
| | 1153 | 14.8 | 450 |
| | 1837 | 4.2 | 129 |
| **3** M | 0050 | 14.4 | 439 |
| | 0653 | 5.5 | 168 |
| | 1255 | 14.2 | 434 |
| | 1939 | 4.5 | 136 |
| **4** Tu | 0158 | 14.4 | 439 |
| | 0754 | 5.7 | 175 |
| | 1403 | 14.2 | 434 |
| | 2042 | 4.4 | 133 |
| **5** W | 0304 | 14.9 | 454 |
| | 0856 | 5.7 | 173 |
| | 1507 | 14.8 | 450 |
| | 2145 | 4.0 | 122 |
| **6** Th | 0359 | 15.7 | 478 |
| | 0956 | 5.3 | 163 |
| | 1602 | 15.6 | 475 |
| | 2242 | 3.6 | 109 |
| **7** F ● | 0446 | 16.5 | 504 |
| | 1053 | 4.9 | 150 |
| | 1650 | 16.5 | 504 |
| | 2333 | 3.1 | 96 |
| **8** Sa | 0528 | 17.3 | 528 |
| | 1145 | 4.4 | 133 |
| | 1733 | 17.5 | 533 |
| **9** Su | 0019 | 2.8 | 85 |
| | 0607 | 18.0 | 550 |
| | 1231 | 3.8 | 115 |
| | 1816 | 18.3 | 559 |
| **10** M | 0058 | 2.5 | 76 |
| | 0646 | 18.6 | 567 |
| | 1313 | 3.1 | 95 |
| | 1859 | 19.0 | 579 |
| **11** Tu | 0136 | 2.3 | 69 |
| | 0724 | 19.0 | 579 |
| | 1352 | 2.5 | 77 |
| | 1942 | 19.4 | 590 |
| **12** W | 0210 | 2.2 | 67 |
| | 0803 | 19.1 | 583 |
| | 1430 | 2.1 | 63 |
| | 2028 | 19.3 | 589 |
| **13** Th | 0246 | 2.3 | 71 |
| | 0845 | 18.9 | 575 |
| | 1510 | 1.9 | 58 |
| | 2116 | 18.8 | 573 |
| **14** F ◐ | 0326 | 2.7 | 83 |
| | 0929 | 18.2 | 556 |
| | 1556 | 2.1 | 64 |
| | 2209 | 17.9 | 545 |
| **15** Sa | 0413 | 3.4 | 104 |
| | 1020 | 17.3 | 526 |
| | 1651 | 2.6 | 79 |
| | 2310 | 16.8 | 511 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0510 | 4.3 | 131 |
| | 1121 | 16.2 | 493 |
| | 1756 | 3.2 | 98 |
| **17** M | 0021 | 15.9 | 484 |
| | 0615 | 5.0 | 153 |
| | 1234 | 15.4 | 469 |
| | 1909 | 3.6 | 110 |
| **18** Tu | 0142 | 15.6 | 476 |
| | 0726 | 5.4 | 165 |
| | 1358 | 15.3 | 467 |
| | 2028 | 3.6 | 110 |
| **19** W | 0256 | 16.0 | 489 |
| | 0839 | 5.3 | 162 |
| | 1513 | 15.9 | 485 |
| | 2150 | 3.3 | 101 |
| **20** Th | 0356 | 16.8 | 512 |
| | 0957 | 4.9 | 149 |
| | 1612 | 16.7 | 510 |
| | 2255 | 3.0 | 90 |
| **21** F ○ | 0448 | 17.5 | 533 |
| | 1102 | 4.3 | 132 |
| | 1704 | 17.5 | 532 |
| | 2343 | 2.8 | 86 |
| **22** Sa | 0532 | 18.0 | 548 |
| | 1150 | 3.8 | 117 |
| | 1748 | 17.9 | 546 |
| **23** Su | 0020 | 2.9 | 88 |
| | 0613 | 18.2 | 556 |
| | 1230 | 3.4 | 104 |
| | 1829 | 18.1 | 553 |
| **24** M | 0054 | 3.1 | 93 |
| | 0649 | 18.3 | 557 |
| | 1307 | 3.1 | 94 |
| | 1907 | 18.2 | 554 |
| **25** Tu | 0126 | 3.2 | 98 |
| | 0723 | 18.1 | 553 |
| | 1344 | 2.8 | 86 |
| | 1944 | 18.0 | 550 |
| **26** W | 0158 | 3.3 | 101 |
| | 0756 | 17.9 | 545 |
| | 1421 | 2.6 | 80 |
| | 2020 | 17.7 | 541 |
| **27** Th | 0233 | 3.5 | 106 |
| | 0829 | 17.5 | 532 |
| | 1459 | 2.6 | 79 |
| | 2058 | 17.3 | 526 |
| **28** F | 0311 | 3.7 | 112 |
| | 0903 | 16.9 | 514 |
| | 1538 | 2.8 | 84 |
| | 2139 | 16.6 | 507 |
| **29** Sa ◑ | 0350 | 4.0 | 123 |
| | 0939 | 16.1 | 491 |
| | 1619 | 3.1 | 95 |
| | 2224 | 15.8 | 483 |
| **30** Su | 0433 | 4.5 | 137 |
| | 1022 | 15.3 | 466 |
| | 1706 | 3.6 | 110 |
| | 2316 | 15.1 | 461 |
| **31** M | 0522 | 5.0 | 153 |
| | 1114 | 14.5 | 442 |
| | 1759 | 4.0 | 123 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Comodoro Rivadavia, Argentina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0015 | 14.6 | 446 |
| | 0618 | 5.4 | 164 |
| | 1217 | 14.1 | 429 |
| | 1859 | 4.3 | 130 |
| **2** W | 0120 | 14.7 | 447 |
| | 0719 | 5.5 | 167 |
| | 1325 | 14.2 | 433 |
| | 2000 | 4.2 | 127 |
| **3** Th | 0222 | 15.2 | 463 |
| | 0818 | 5.2 | 160 |
| | 1428 | 14.9 | 454 |
| | 2059 | 3.9 | 119 |
| **4** F | 0316 | 16.0 | 488 |
| | 0917 | 4.8 | 146 |
| | 1524 | 15.9 | 486 |
| | 2154 | 3.6 | 109 |
| **5** Sa | 0403 | 17.0 | 517 |
| | 1010 | 4.2 | 129 |
| | 1615 | 17.1 | 520 |
| | 2244 | 3.3 | 100 |
| **6** Su ● | 0446 | 17.8 | 543 |
| | 1103 | 3.7 | 112 |
| | 1702 | 18.1 | 552 |
| | 2332 | 3.1 | 94 |
| **7** M | 0528 | 18.5 | 565 |
| | 1152 | 3.1 | 94 |
| | 1749 | 18.9 | 577 |
| **8** Tu | 0017 | 3.0 | 91 |
| | 0610 | 19.0 | 580 |
| | 1240 | 2.5 | 77 |
| | 1836 | 19.5 | 594 |
| **9** W | 0102 | 2.9 | 89 |
| | 0653 | 19.3 | 588 |
| | 1326 | 2.0 | 62 |
| | 1924 | 19.7 | 600 |
| **10** Th | 0145 | 2.9 | 89 |
| | 0737 | 19.2 | 586 |
| | 1411 | 1.7 | 52 |
| | 2012 | 19.5 | 594 |
| **11** F | 0229 | 3.1 | 93 |
| | 0822 | 18.8 | 573 |
| | 1458 | 1.6 | 50 |
| | 2105 | 18.9 | 576 |
| **12** Sa ◐ | 0315 | 3.4 | 103 |
| | 0913 | 18.0 | 549 |
| | 1548 | 1.9 | 57 |
| | 2201 | 18.0 | 548 |
| **13** Su | 0405 | 3.9 | 119 |
| | 1007 | 17.0 | 519 |
| | 1644 | 2.4 | 73 |
| | 2304 | 17.0 | 518 |
| **14** M | 0503 | 4.5 | 137 |
| | 1112 | 16.0 | 488 |
| | 1749 | 3.0 | 90 |
| **15** Tu | 0014 | 16.3 | 496 |
| | 0609 | 5.0 | 151 |
| | 1228 | 15.4 | 469 |
| | 1900 | 3.3 | 102 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0128 | 16.1 | 491 |
| | 0721 | 5.0 | 153 |
| | 1347 | 15.5 | 471 |
| | 2015 | 3.4 | 104 |
| **17** Th | 0233 | 16.5 | 502 |
| | 0834 | 4.7 | 144 |
| | 1454 | 16.0 | 487 |
| | 2122 | 3.3 | 102 |
| **18** F | 0328 | 17.0 | 518 |
| | 0939 | 4.2 | 128 |
| | 1550 | 16.7 | 508 |
| | 2215 | 3.3 | 102 |
| **19** Sa | 0416 | 17.5 | 533 |
| | 1031 | 3.7 | 114 |
| | 1637 | 17.2 | 525 |
| | 2258 | 3.5 | 107 |
| **20** Su ○ | 0458 | 17.8 | 543 |
| | 1114 | 3.4 | 105 |
| | 1720 | 17.6 | 536 |
| | 2334 | 3.8 | 117 |
| **21** M | 0536 | 17.9 | 545 |
| | 1154 | 3.2 | 99 |
| | 1800 | 17.7 | 540 |
| **22** Tu | 0011 | 4.1 | 126 |
| | 0612 | 17.8 | 542 |
| | 1234 | 3.1 | 96 |
| | 1839 | 17.7 | 540 |
| **23** W | 0048 | 4.4 | 133 |
| | 0646 | 17.6 | 535 |
| | 1313 | 3.1 | 93 |
| | 1917 | 17.6 | 535 |
| **24** Th | 0127 | 4.5 | 138 |
| | 0720 | 17.2 | 525 |
| | 1353 | 3.0 | 91 |
| | 1954 | 17.3 | 528 |
| **25** F | 0206 | 4.6 | 140 |
| | 0754 | 16.8 | 512 |
| | 1432 | 3.0 | 91 |
| | 2034 | 17.0 | 517 |
| **26** Sa | 0245 | 4.6 | 141 |
| | 0830 | 16.3 | 497 |
| | 1511 | 3.1 | 94 |
| | 2115 | 16.5 | 502 |
| **27** Su | 0324 | 4.7 | 144 |
| | 0909 | 15.7 | 479 |
| | 1552 | 3.3 | 100 |
| | 2159 | 15.9 | 486 |
| **28** M ◑ | 0406 | 4.9 | 150 |
| | 0952 | 15.1 | 461 |
| | 1635 | 3.5 | 108 |
| | 2249 | 15.5 | 471 |
| **29** Tu | 0452 | 5.2 | 157 |
| | 1043 | 14.6 | 445 |
| | 1723 | 3.8 | 117 |
| | 2343 | 15.2 | 463 |
| **30** W | 0546 | 5.2 | 160 |
| | 1144 | 14.4 | 438 |
| | 1818 | 4.0 | 122 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0042 | 15.3 | 466 |
| | 0644 | 5.2 | 157 |
| | 1248 | 14.6 | 446 |
| | 1916 | 4.0 | 121 |
| **2** F | 0138 | 15.8 | 482 |
| | 0743 | 4.8 | 145 |
| | 1350 | 15.4 | 470 |
| | 2011 | 3.8 | 116 |
| **3** Sa | 0231 | 16.6 | 507 |
| | 0837 | 4.2 | 128 |
| | 1448 | 16.5 | 502 |
| | 2102 | 3.6 | 110 |
| **4** Su | 0319 | 17.5 | 534 |
| | 0928 | 3.6 | 109 |
| | 1541 | 17.6 | 536 |
| | 2150 | 3.5 | 107 |
| **5** M ● | 0405 | 18.3 | 559 |
| | 1018 | 3.0 | 92 |
| | 1633 | 18.6 | 566 |
| | 2239 | 3.5 | 107 |
| **6** Tu | 0451 | 19.0 | 578 |
| | 1111 | 2.6 | 78 |
| | 1724 | 19.3 | 587 |
| | 2331 | 3.6 | 110 |
| **7** W | 0538 | 19.3 | 588 |
| | 1206 | 2.2 | 66 |
| | 1816 | 19.7 | 599 |
| **8** Th | 0026 | 3.7 | 113 |
| | 0626 | 19.3 | 589 |
| | 1301 | 1.9 | 57 |
| | 1908 | 19.7 | 600 |
| **9** F | 0119 | 3.8 | 115 |
| | 0715 | 19.1 | 583 |
| | 1355 | 1.6 | 50 |
| | 2002 | 19.5 | 593 |
| **10** Sa | 0210 | 3.8 | 117 |
| | 0807 | 18.6 | 568 |
| | 1447 | 1.6 | 49 |
| | 2057 | 18.9 | 577 |
| **11** Su | 0303 | 3.9 | 120 |
| | 0900 | 17.9 | 546 |
| | 1540 | 1.8 | 55 |
| | 2154 | 18.2 | 555 |
| **12** M ◐ | 0357 | 4.2 | 127 |
| | 0958 | 17.1 | 520 |
| | 1636 | 2.2 | 67 |
| | 2255 | 17.5 | 532 |
| **13** Tu | 0455 | 4.4 | 135 |
| | 1102 | 16.3 | 496 |
| | 1737 | 2.7 | 83 |
| | 2359 | 16.9 | 515 |
| **14** W | 0600 | 4.6 | 140 |
| | 1213 | 15.7 | 480 |
| | 1842 | 3.1 | 96 |
| **15** Th | 0102 | 16.7 | 509 |
| | 0708 | 4.5 | 136 |
| | 1323 | 15.7 | 479 |
| | 1945 | 3.4 | 105 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0201 | 16.8 | 512 |
| | 0812 | 4.1 | 126 |
| | 1425 | 16.0 | 488 |
| | 2040 | 3.7 | 112 |
| **17** Sa | 0253 | 17.1 | 521 |
| | 0907 | 3.7 | 113 |
| | 1519 | 16.5 | 502 |
| | 2127 | 3.9 | 119 |
| **18** Su | 0340 | 17.4 | 529 |
| | 0954 | 3.4 | 104 |
| | 1607 | 16.9 | 515 |
| | 2209 | 4.2 | 129 |
| **19** M ○ | 0421 | 17.5 | 534 |
| | 1037 | 3.2 | 99 |
| | 1651 | 17.2 | 524 |
| | 2250 | 4.6 | 141 |
| **20** Tu | 0459 | 17.5 | 533 |
| | 1120 | 3.2 | 98 |
| | 1733 | 17.3 | 528 |
| | 2331 | 5.0 | 152 |
| **21** W | 0536 | 17.3 | 527 |
| | 1202 | 3.3 | 100 |
| | 1812 | 17.3 | 527 |
| **22** Th | 0013 | 5.2 | 160 |
| | 0612 | 17.0 | 518 |
| | 1245 | 3.3 | 102 |
| | 1853 | 17.2 | 523 |
| **23** F | 0058 | 5.4 | 164 |
| | 0649 | 16.6 | 507 |
| | 1328 | 3.3 | 102 |
| | 1933 | 17.0 | 518 |
| **24** Sa | 0140 | 5.4 | 164 |
| | 0726 | 16.3 | 496 |
| | 1409 | 3.3 | 101 |
| | 2012 | 16.8 | 511 |
| **25** Su | 0222 | 5.3 | 162 |
| | 0804 | 15.9 | 486 |
| | 1449 | 3.3 | 101 |
| | 2054 | 16.5 | 503 |
| **26** M | 0302 | 5.2 | 159 |
| | 0843 | 15.6 | 476 |
| | 1527 | 3.3 | 101 |
| | 2136 | 16.2 | 494 |
| **27** Tu ◑ | 0342 | 5.2 | 157 |
| | 0926 | 15.3 | 467 |
| | 1604 | 3.4 | 104 |
| | 2220 | 16.0 | 487 |
| **28** W | 0425 | 5.1 | 155 |
| | 1014 | 15.1 | 460 |
| | 1645 | 3.6 | 109 |
| | 2309 | 15.8 | 483 |
| **29** Th | 0513 | 5.0 | 152 |
| | 1112 | 15.0 | 458 |
| | 1735 | 3.7 | 114 |
| **30** F | 0001 | 16.0 | 487 |
| | 0609 | 4.8 | 145 |
| | 1213 | 15.3 | 466 |
| | 1829 | 3.8 | 117 |
| **31** Sa | 0055 | 16.4 | 499 |
| | 0707 | 4.3 | 132 |
| | 1316 | 15.9 | 485 |
| | 1926 | 3.8 | 117 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0148 | 17.0 | 519 |
| | 0802 | 3.7 | 114 |
| | 1416 | 16.8 | 512 |
| | 2019 | 3.8 | 116 |
| **2** M | 0240 | 17.8 | 542 |
| | 0855 | 3.1 | 95 |
| | 1514 | 17.7 | 541 |
| | 2110 | 3.8 | 117 |
| **3** Tu ● | 0330 | 18.4 | 562 |
| | 0947 | 2.6 | 80 |
| | 1610 | 18.6 | 566 |
| | 2202 | 4.0 | 121 |
| **4** W | 0421 | 18.9 | 577 |
| | 1043 | 2.3 | 69 |
| | 1704 | 19.1 | 583 |
| | 2258 | 4.1 | 126 |
| **5** Th | 0513 | 19.1 | 583 |
| | 1142 | 2.0 | 61 |
| | 1801 | 19.4 | 592 |
| | 2358 | 4.3 | 131 |
| **6** F | 0606 | 19.1 | 583 |
| | 1243 | 1.8 | 54 |
| | 1857 | 19.5 | 594 |
| **7** Sa | 0058 | 4.3 | 131 |
| | 0700 | 18.9 | 577 |
| | 1341 | 1.6 | 49 |
| | 1952 | 19.4 | 590 |
| **8** Su | 0156 | 4.2 | 128 |
| | 0754 | 18.6 | 566 |
| | 1435 | 1.5 | 47 |
| | 2045 | 19.0 | 579 |
| **9** M | 0250 | 4.1 | 124 |
| | 0849 | 18.0 | 550 |
| | 1527 | 1.7 | 51 |
| | 2140 | 18.5 | 564 |
| **10** Tu ◐ | 0344 | 4.0 | 122 |
| | 0943 | 17.4 | 529 |
| | 1620 | 2.0 | 62 |
| | 2234 | 17.9 | 546 |
| **11** W | 0440 | 4.0 | 122 |
| | 1043 | 16.7 | 508 |
| | 1712 | 2.6 | 78 |
| | 2329 | 17.4 | 529 |
| **12** Th | 0539 | 4.0 | 123 |
| | 1145 | 16.0 | 489 |
| | 1808 | 3.2 | 97 |
| **13** F | 0025 | 16.9 | 516 |
| | 0639 | 4.0 | 121 |
| | 1248 | 15.7 | 479 |
| | 1903 | 3.7 | 113 |
| **14** Sa | 0120 | 16.7 | 509 |
| | 0736 | 3.8 | 115 |
| | 1349 | 15.7 | 479 |
| | 1954 | 4.1 | 126 |
| **15** Su | 0211 | 16.7 | 509 |
| | 0829 | 3.5 | 107 |
| | 1445 | 16.0 | 487 |
| | 2043 | 4.5 | 137 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0300 | 16.8 | 512 |
| | 0918 | 3.3 | 100 |
| | 1536 | 16.3 | 497 |
| | 2129 | 4.8 | 146 |
| **17** Tu | 0345 | 16.9 | 514 |
| | 1005 | 3.2 | 97 |
| | 1623 | 16.6 | 507 |
| | 2214 | 5.1 | 155 |
| **18** W ○ | 0427 | 16.8 | 513 |
| | 1050 | 3.2 | 97 |
| | 1708 | 16.8 | 513 |
| | 2300 | 5.3 | 163 |
| **19** Th | 0507 | 16.7 | 509 |
| | 1136 | 3.2 | 99 |
| | 1751 | 16.9 | 516 |
| | 2346 | 5.5 | 169 |
| **20** F | 0546 | 16.5 | 503 |
| | 1222 | 3.3 | 101 |
| | 1832 | 16.9 | 516 |
| **21** Sa | 0033 | 5.6 | 171 |
| | 0625 | 16.3 | 496 |
| | 1306 | 3.3 | 100 |
| | 1912 | 16.9 | 514 |
| **22** Su | 0118 | 5.5 | 168 |
| | 0703 | 16.1 | 491 |
| | 1348 | 3.2 | 98 |
| | 1951 | 16.8 | 512 |
| **23** M | 0201 | 5.3 | 163 |
| | 0741 | 16.0 | 488 |
| | 1427 | 3.1 | 95 |
| | 2029 | 16.7 | 510 |
| **24** Tu | 0240 | 5.1 | 155 |
| | 0820 | 15.9 | 486 |
| | 1502 | 3.1 | 93 |
| | 2107 | 16.7 | 508 |
| **25** W | 0316 | 4.8 | 147 |
| | 0902 | 15.9 | 485 |
| | 1533 | 3.1 | 94 |
| | 2147 | 16.6 | 505 |
| **26** Th ◑ | 0353 | 4.6 | 140 |
| | 0947 | 15.8 | 483 |
| | 1607 | 3.2 | 97 |
| | 2231 | 16.5 | 503 |
| **27** F | 0436 | 4.4 | 134 |
| | 1040 | 15.7 | 480 |
| | 1651 | 3.4 | 105 |
| | 2319 | 16.5 | 502 |
| **28** Sa | 0530 | 4.2 | 127 |
| | 1140 | 15.7 | 480 |
| | 1745 | 3.8 | 115 |
| **29** Su | 0012 | 16.6 | 505 |
| | 0631 | 3.9 | 118 |
| | 1244 | 16.0 | 487 |
| | 1846 | 4.0 | 123 |
| **30** M | 0110 | 16.9 | 514 |
| | 0732 | 3.4 | 104 |
| | 1350 | 16.5 | 504 |
| | 1946 | 4.2 | 128 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Comodoro Rivadavia, Argentina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0207 | 17.3 | 528 |
| | 0830 | 2.9 | 88 |
| | 1454 | 17.2 | 525 |
| | 2044 | 4.3 | 130 |
| **2** W ● | 0305 | 17.8 | 543 |
| | 0928 | 2.4 | 74 |
| | 1555 | 18.0 | 548 |
| | 2140 | 4.4 | 133 |
| **3** Th | 0402 | 18.3 | 557 |
| | 1027 | 2.1 | 64 |
| | 1654 | 18.6 | 567 |
| | 2239 | 4.4 | 134 |
| **4** F | 0459 | 18.6 | 566 |
| | 1129 | 1.8 | 56 |
| | 1752 | 19.0 | 579 |
| | 2341 | 4.4 | 134 |
| **5** Sa | 0555 | 18.7 | 571 |
| | 1231 | 1.6 | 49 |
| | 1845 | 19.2 | 586 |
| **6** Su | 0043 | 4.2 | 128 |
| | 0649 | 18.7 | 571 |
| | 1329 | 1.4 | 43 |
| | 1937 | 19.3 | 587 |
| **7** M | 0141 | 3.9 | 119 |
| | 0741 | 18.6 | 566 |
| | 1420 | 1.3 | 41 |
| | 2027 | 19.1 | 581 |
| **8** Tu | 0233 | 3.6 | 110 |
| | 0832 | 18.2 | 555 |
| | 1507 | 1.5 | 46 |
| | 2115 | 18.7 | 569 |
| **9** W | 0324 | 3.4 | 103 |
| | 0922 | 17.6 | 537 |
| | 1552 | 1.9 | 59 |
| | 2201 | 18.1 | 551 |
| **10** Th ◐ | 0413 | 3.3 | 101 |
| | 1013 | 16.9 | 514 |
| | 1637 | 2.6 | 78 |
| | 2248 | 17.4 | 529 |
| **11** F | 0504 | 3.4 | 104 |
| | 1107 | 16.1 | 490 |
| | 1724 | 3.3 | 101 |
| | 2337 | 16.7 | 508 |
| **12** Sa | 0558 | 3.5 | 108 |
| | 1205 | 15.4 | 470 |
| | 1815 | 4.0 | 123 |
| **13** Su | 0029 | 16.1 | 490 |
| | 0654 | 3.6 | 109 |
| | 1307 | 15.1 | 459 |
| | 1908 | 4.6 | 140 |
| **14** M | 0124 | 15.7 | 480 |
| | 0749 | 3.5 | 107 |
| | 1408 | 15.1 | 460 |
| | 2002 | 4.9 | 150 |
| **15** Tu | 0219 | 15.6 | 477 |
| | 0843 | 3.3 | 102 |
| | 1506 | 15.4 | 470 |
| | 2054 | 5.1 | 156 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0311 | 15.7 | 480 |
| | 0935 | 3.2 | 97 |
| | 1558 | 15.9 | 484 |
| | 2145 | 5.2 | 158 |
| **17** Th | 0400 | 15.9 | 484 |
| | 1025 | 3.0 | 92 |
| | 1645 | 16.3 | 498 |
| | 2235 | 5.2 | 158 |
| **18** F ○ | 0444 | 16.0 | 488 |
| | 1114 | 3.0 | 90 |
| | 1729 | 16.7 | 508 |
| | 2325 | 5.2 | 158 |
| **19** Sa | 0525 | 16.1 | 491 |
| | 1201 | 2.9 | 87 |
| | 1810 | 16.9 | 514 |
| **20** Su | 0012 | 5.1 | 155 |
| | 0604 | 16.2 | 493 |
| | 1246 | 2.8 | 85 |
| | 1849 | 17.0 | 519 |
| **21** M | 0058 | 4.9 | 149 |
| | 0642 | 16.3 | 497 |
| | 1327 | 2.7 | 82 |
| | 1925 | 17.1 | 522 |
| **22** Tu | 0140 | 4.6 | 141 |
| | 0719 | 16.5 | 502 |
| | 1403 | 2.6 | 79 |
| | 2000 | 17.2 | 524 |
| **23** W | 0216 | 4.3 | 130 |
| | 0758 | 16.6 | 507 |
| | 1433 | 2.5 | 77 |
| | 2035 | 17.2 | 525 |
| **24** Th | 0248 | 3.9 | 120 |
| | 0838 | 16.7 | 510 |
| | 1459 | 2.6 | 78 |
| | 2112 | 17.2 | 524 |
| **25** F ◑ | 0319 | 3.6 | 110 |
| | 0922 | 16.6 | 506 |
| | 1530 | 2.8 | 84 |
| | 2152 | 17.0 | 518 |
| **26** Sa | 0359 | 3.4 | 105 |
| | 1012 | 16.3 | 497 |
| | 1612 | 3.2 | 97 |
| | 2238 | 16.7 | 508 |
| **27** Su | 0452 | 3.4 | 104 |
| | 1110 | 15.9 | 484 |
| | 1709 | 3.8 | 115 |
| | 2333 | 16.3 | 496 |
| **28** M | 0558 | 3.4 | 104 |
| | 1218 | 15.6 | 476 |
| | 1816 | 4.3 | 132 |
| **29** Tu | 0036 | 16.1 | 490 |
| | 0708 | 3.2 | 99 |
| | 1331 | 15.7 | 480 |
| | 1924 | 4.7 | 142 |
| **30** W | 0143 | 16.2 | 493 |
| | 0814 | 2.9 | 87 |
| | 1443 | 16.3 | 497 |
| | 2028 | 4.7 | 143 |
| **31** Th | 0251 | 16.6 | 507 |
| | 0918 | 2.4 | 73 |
| | 1550 | 17.2 | 523 |
| | 2130 | 4.5 | 138 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0355 | 17.3 | 527 |
| | 1022 | 1.9 | 59 |
| | 1649 | 18.0 | 548 |
| | 2232 | 4.3 | 131 |
| **2** Sa | 0454 | 17.9 | 546 |
| | 1127 | 1.5 | 47 |
| | 1743 | 18.6 | 568 |
| | 2335 | 3.9 | 120 |
| **3** Su | 0548 | 18.4 | 560 |
| | 1225 | 1.3 | 39 |
| | 1832 | 19.0 | 579 |
| **4** M | 0034 | 3.5 | 108 |
| | 0638 | 18.6 | 567 |
| | 1315 | 1.1 | 35 |
| | 1918 | 19.1 | 582 |
| **5** Tu | 0126 | 3.1 | 95 |
| | 0725 | 18.5 | 565 |
| | 1359 | 1.2 | 37 |
| | 2001 | 19.0 | 578 |
| **6** W | 0213 | 2.8 | 84 |
| | 0810 | 18.2 | 556 |
| | 1438 | 1.5 | 46 |
| | 2042 | 18.5 | 565 |
| **7** Th | 0256 | 2.6 | 78 |
| | 0855 | 17.7 | 538 |
| | 1516 | 2.0 | 60 |
| | 2122 | 17.9 | 546 |
| **8** F ◐ | 0339 | 2.6 | 78 |
| | 0939 | 16.9 | 514 |
| | 1555 | 2.6 | 80 |
| | 2202 | 17.1 | 521 |
| **9** Sa | 0423 | 2.8 | 84 |
| | 1026 | 15.9 | 486 |
| | 1639 | 3.4 | 104 |
| | 2245 | 16.2 | 493 |
| **10** Su | 0514 | 3.1 | 94 |
| | 1119 | 15.0 | 458 |
| | 1728 | 4.2 | 128 |
| | 2334 | 15.3 | 466 |
| **11** M | 0609 | 3.4 | 105 |
| | 1220 | 14.3 | 437 |
| | 1823 | 4.9 | 148 |
| **12** Tu | 0031 | 14.6 | 444 |
| | 0708 | 3.6 | 110 |
| | 1328 | 14.1 | 431 |
| | 1921 | 5.2 | 159 |
| **13** W | 0135 | 14.3 | 435 |
| | 0808 | 3.5 | 107 |
| | 1434 | 14.5 | 441 |
| | 2020 | 5.2 | 160 |
| **14** Th | 0238 | 14.4 | 439 |
| | 0906 | 3.2 | 98 |
| | 1532 | 15.1 | 461 |
| | 2119 | 5.1 | 154 |
| **15** F | 0335 | 14.9 | 453 |
| | 1002 | 2.9 | 87 |
| | 1621 | 15.8 | 483 |
| | 2214 | 4.7 | 144 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0423 | 15.4 | 469 |
| | 1052 | 2.5 | 77 |
| | 1704 | 16.5 | 502 |
| | 2305 | 4.4 | 135 |
| **17** Su | 0504 | 15.9 | 485 |
| | 1139 | 2.3 | 69 |
| | 1744 | 17.0 | 517 |
| | 2353 | 4.1 | 126 |
| **18** M | 0542 | 16.4 | 499 |
| | 1222 | 2.1 | 65 |
| | 1820 | 17.4 | 529 |
| **19** Tu | 0037 | 3.8 | 116 |
| | 0619 | 16.8 | 513 |
| | 1301 | 2.0 | 62 |
| | 1854 | 17.6 | 537 |
| **20** W | 0115 | 3.4 | 105 |
| | 0656 | 17.2 | 525 |
| | 1335 | 2.0 | 62 |
| | 1927 | 17.8 | 543 |
| **21** Th | 0150 | 3.1 | 94 |
| | 0735 | 17.5 | 534 |
| | 1402 | 2.1 | 63 |
| | 2002 | 17.9 | 545 |
| **22** F | 0219 | 2.7 | 82 |
| | 0814 | 17.6 | 535 |
| | 1428 | 2.2 | 66 |
| | 2037 | 17.7 | 541 |
| **23** Sa ◑ | 0251 | 2.4 | 74 |
| | 0859 | 17.3 | 527 |
| | 1501 | 2.5 | 76 |
| | 2118 | 17.4 | 529 |
| **24** Su | 0331 | 2.4 | 73 |
| | 0949 | 16.6 | 507 |
| | 1546 | 3.1 | 94 |
| | 2204 | 16.6 | 507 |
| **25** M | 0423 | 2.7 | 81 |
| | 1048 | 15.8 | 481 |
| | 1643 | 3.9 | 119 |
| | 2300 | 15.7 | 480 |
| **26** Tu | 0533 | 3.0 | 92 |
| | 1159 | 15.1 | 459 |
| | 1753 | 4.7 | 142 |
| **27** W | 0010 | 15.1 | 459 |
| | 0650 | 3.1 | 96 |
| | 1320 | 14.9 | 455 |
| | 1908 | 5.0 | 153 |
| **28** Th | 0129 | 15.0 | 456 |
| | 0806 | 2.9 | 88 |
| | 1439 | 15.6 | 474 |
| | 2020 | 4.9 | 149 |
| **29** F | 0247 | 15.6 | 474 |
| | 0920 | 2.4 | 72 |
| | 1545 | 16.6 | 506 |
| | 2130 | 4.4 | 135 |
| **30** Sa ● | 0354 | 16.5 | 504 |
| | 1029 | 1.7 | 53 |
| | 1640 | 17.6 | 537 |
| | 2237 | 3.8 | 115 |
| **31** Su | 0450 | 17.5 | 532 |
| | 1127 | 1.3 | 39 |
| | 1728 | 18.4 | 560 |
| | 2336 | 3.2 | 97 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0539 | 18.1 | 552 |
| | 1214 | 1.1 | 34 |
| | 1812 | 18.8 | 573 |
| **2** Tu | 0023 | 2.7 | 81 |
| | 0623 | 18.4 | 561 |
| | 1254 | 1.2 | 37 |
| | 1853 | 18.9 | 576 |
| **3** W | 0107 | 2.3 | 69 |
| | 0705 | 18.4 | 561 |
| | 1329 | 1.5 | 45 |
| | 1931 | 18.7 | 570 |
| **4** Th | 0146 | 2.0 | 61 |
| | 0746 | 18.1 | 552 |
| | 1404 | 1.8 | 56 |
| | 2006 | 18.3 | 557 |
| **5** F | 0225 | 1.9 | 57 |
| | 0825 | 17.6 | 535 |
| | 1439 | 2.3 | 70 |
| | 2041 | 17.7 | 538 |
| **6** Sa | 0304 | 1.9 | 59 |
| | 0906 | 16.8 | 511 |
| | 1516 | 2.9 | 87 |
| | 2117 | 16.8 | 512 |
| **7** Su ◐ | 0346 | 2.2 | 68 |
| | 0949 | 15.8 | 483 |
| | 1557 | 3.5 | 108 |
| | 2157 | 15.8 | 481 |
| **8** M | 0432 | 2.7 | 83 |
| | 1038 | 14.8 | 452 |
| | 1644 | 4.3 | 130 |
| | 2242 | 14.7 | 448 |
| **9** Tu | 0525 | 3.2 | 99 |
| | 1136 | 13.9 | 425 |
| | 1740 | 5.0 | 151 |
| | 2338 | 13.7 | 418 |
| **10** W | 0625 | 3.6 | 111 |
| | 1245 | 13.5 | 413 |
| | 1842 | 5.3 | 163 |
| **11** Th | 0047 | 13.2 | 402 |
| | 0730 | 3.7 | 112 |
| | 1358 | 13.8 | 420 |
| | 1948 | 5.3 | 162 |
| **12** F | 0201 | 13.4 | 407 |
| | 0834 | 3.4 | 103 |
| | 1500 | 14.5 | 443 |
| | 2052 | 4.9 | 150 |
| **13** Sa | 0305 | 14.0 | 428 |
| | 0934 | 2.9 | 87 |
| | 1551 | 15.5 | 472 |
| | 2151 | 4.3 | 132 |
| **14** Su | 0355 | 15.0 | 456 |
| | 1025 | 2.4 | 72 |
| | 1634 | 16.4 | 500 |
| | 2243 | 3.7 | 114 |
| **15** M ○ | 0437 | 15.9 | 485 |
| | 1111 | 2.0 | 62 |
| | 1711 | 17.2 | 524 |
| | 2328 | 3.2 | 99 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0516 | 16.8 | 511 |
| | 1152 | 1.9 | 57 |
| | 1746 | 17.8 | 542 |
| **17** W | 0010 | 2.8 | 85 |
| | 0555 | 17.5 | 534 |
| | 1229 | 1.8 | 56 |
| | 1820 | 18.2 | 555 |
| **18** Th | 0048 | 2.4 | 72 |
| | 0634 | 18.1 | 551 |
| | 1303 | 1.9 | 57 |
| | 1854 | 18.5 | 563 |
| **19** F | 0123 | 2.0 | 60 |
| | 0714 | 18.4 | 560 |
| | 1333 | 2.0 | 60 |
| | 1931 | 18.5 | 565 |
| **20** Sa | 0156 | 1.6 | 49 |
| | 0757 | 18.3 | 558 |
| | 1405 | 2.2 | 66 |
| | 2010 | 18.2 | 556 |
| **21** Su | 0232 | 1.5 | 45 |
| | 0842 | 17.8 | 543 |
| | 1443 | 2.6 | 78 |
| | 2052 | 17.6 | 537 |
| **22** M ◑ | 0314 | 1.6 | 49 |
| | 0934 | 16.9 | 516 |
| | 1529 | 3.2 | 98 |
| | 2140 | 16.6 | 506 |
| **23** Tu | 0408 | 2.1 | 63 |
| | 1034 | 15.8 | 482 |
| | 1626 | 4.1 | 125 |
| | 2239 | 15.4 | 470 |
| **24** W | 0517 | 2.7 | 82 |
| | 1147 | 14.9 | 454 |
| | 1737 | 4.9 | 149 |
| | 2353 | 14.5 | 441 |
| **25** Th | 0637 | 3.1 | 93 |
| | 1312 | 14.7 | 448 |
| | 1858 | 5.2 | 158 |
| **26** F | 0122 | 14.3 | 436 |
| | 0801 | 2.9 | 88 |
| | 1430 | 15.4 | 468 |
| | 2020 | 4.8 | 147 |
| **27** Sa | 0244 | 15.1 | 459 |
| | 0922 | 2.4 | 72 |
| | 1532 | 16.4 | 501 |
| | 2142 | 4.0 | 123 |
| **28** Su | 0348 | 16.2 | 493 |
| | 1026 | 1.8 | 55 |
| | 1624 | 17.5 | 532 |
| | 2243 | 3.2 | 97 |
| **29** M ● | 0439 | 17.2 | 523 |
| | 1114 | 1.5 | 47 |
| | 1709 | 18.2 | 554 |
| | 2329 | 2.5 | 77 |
| **30** Tu | 0525 | 17.8 | 543 |
| | 1152 | 1.6 | 50 |
| | 1749 | 18.5 | 565 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Comodoro Rivadavia, Argentina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** W | 0007 | 2.1 | 64 |
| | 0606 | 18.1 | 552 |
| | 1226 | 1.9 | 59 |
| | 1825 | 18.6 | 567 |
| **2** Th | 0044 | 1.8 | 56 |
| | 0645 | 18.1 | 552 |
| | 1258 | 2.3 | 70 |
| | 1900 | 18.4 | 560 |
| **3** F | 0120 | 1.7 | 52 |
| | 0723 | 17.8 | 544 |
| | 1332 | 2.6 | 80 |
| | 1933 | 17.9 | 547 |
| **4** Sa | 0157 | 1.7 | 51 |
| | 0800 | 17.4 | 529 |
| | 1407 | 3.0 | 91 |
| | 2006 | 17.4 | 529 |
| **5** Su | 0234 | 1.8 | 54 |
| | 0838 | 16.7 | 510 |
| | 1444 | 3.3 | 102 |
| | 2040 | 16.6 | 505 |
| **6** M | 0314 | 2.0 | 62 |
| | 0920 | 15.9 | 485 |
| | 1524 | 3.8 | 116 |
| | 2117 | 15.6 | 476 |
| **7** Tu ◐ | 0357 | 2.5 | 76 |
| | 1005 | 15.0 | 457 |
| | 1608 | 4.4 | 133 |
| | 2200 | 14.6 | 444 |
| **8** W | 0444 | 3.1 | 93 |
| | 1059 | 14.1 | 431 |
| | 1700 | 5.0 | 151 |
| | 2252 | 13.6 | 414 |
| **9** Th | 0542 | 3.5 | 108 |
| | 1203 | 13.6 | 415 |
| | 1802 | 5.4 | 164 |
| | 2359 | 12.9 | 394 |
| **10** F | 0646 | 3.8 | 115 |
| | 1313 | 13.7 | 417 |
| | 1911 | 5.4 | 164 |
| **11** Sa | 0114 | 13.0 | 396 |
| | 0753 | 3.6 | 111 |
| | 1417 | 14.4 | 438 |
| | 2019 | 5.0 | 151 |
| **12** Su | 0222 | 13.7 | 418 |
| | 0854 | 3.2 | 98 |
| | 1510 | 15.4 | 468 |
| | 2119 | 4.3 | 130 |
| **13** M | 0317 | 14.8 | 452 |
| | 0947 | 2.8 | 84 |
| | 1554 | 16.4 | 501 |
| | 2211 | 3.5 | 107 |
| **14** Tu ○ | 0404 | 16.0 | 489 |
| | 1033 | 2.4 | 74 |
| | 1633 | 17.4 | 530 |
| | 2257 | 2.9 | 87 |
| **15** W | 0446 | 17.2 | 524 |
| | 1115 | 2.3 | 70 |
| | 1711 | 18.2 | 554 |
| | 2339 | 2.3 | 69 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Th | 0530 | 18.1 | 551 |
| | 1153 | 2.3 | 69 |
| | 1748 | 18.7 | 571 |
| **17** F | 0020 | 1.8 | 54 |
| | 0613 | 18.7 | 570 |
| | 1231 | 2.3 | 70 |
| | 1827 | 19.0 | 580 |
| **18** Sa | 0058 | 1.3 | 40 |
| | 0657 | 19.0 | 579 |
| | 1309 | 2.4 | 73 |
| | 1907 | 19.0 | 580 |
| **19** Su | 0139 | 1.0 | 31 |
| | 0743 | 18.9 | 575 |
| | 1349 | 2.6 | 79 |
| | 1950 | 18.7 | 569 |
| **20** M | 0221 | 0.9 | 28 |
| | 0832 | 18.3 | 558 |
| | 1432 | 2.9 | 89 |
| | 2036 | 17.9 | 546 |
| **21** Tu ◑ | 0308 | 1.1 | 35 |
| | 0925 | 17.4 | 531 |
| | 1521 | 3.5 | 106 |
| | 2127 | 16.9 | 514 |
| **22** W | 0401 | 1.7 | 51 |
| | 1026 | 16.3 | 498 |
| | 1618 | 4.2 | 128 |
| | 2228 | 15.6 | 476 |
| **23** Th | 0506 | 2.4 | 72 |
| | 1136 | 15.5 | 471 |
| | 1727 | 4.9 | 148 |
| | 2341 | 14.7 | 447 |
| **24** F | 0623 | 2.9 | 88 |
| | 1256 | 15.2 | 463 |
| | 1849 | 5.1 | 154 |
| **25** Sa | 0109 | 14.4 | 440 |
| | 0747 | 3.0 | 91 |
| | 1408 | 15.6 | 477 |
| | 2017 | 4.6 | 141 |
| **26** Su | 0227 | 15.0 | 458 |
| | 0903 | 2.8 | 84 |
| | 1508 | 16.5 | 502 |
| | 2131 | 3.8 | 115 |
| **27** M | 0329 | 15.9 | 486 |
| | 1000 | 2.5 | 77 |
| | 1558 | 17.3 | 526 |
| | 2225 | 3.0 | 92 |
| **28** Tu ● | 0419 | 16.8 | 512 |
| | 1044 | 2.6 | 78 |
| | 1642 | 17.8 | 544 |
| | 2307 | 2.5 | 76 |
| **29** W | 0505 | 17.4 | 530 |
| | 1120 | 2.8 | 86 |
| | 1720 | 18.1 | 552 |
| | 2344 | 2.2 | 66 |
| **30** Th | 0546 | 17.7 | 539 |
| | 1153 | 3.1 | 96 |
| | 1757 | 18.1 | 552 |
| **31** F | 0020 | 2.0 | 62 |
| | 0625 | 17.7 | 539 |
| | 1228 | 3.5 | 106 |
| | 1831 | 17.9 | 546 |

## November

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0056 | 2.0 | 60 |
| | 0702 | 17.5 | 534 |
| | 1304 | 3.7 | 114 |
| | 1904 | 17.6 | 535 |
| **2** Su | 0134 | 2.0 | 60 |
| | 0739 | 17.2 | 525 |
| | 1342 | 3.9 | 118 |
| | 1937 | 17.1 | 520 |
| **3** M | 0211 | 2.0 | 61 |
| | 0818 | 16.8 | 511 |
| | 1420 | 4.0 | 123 |
| | 2012 | 16.5 | 502 |
| **4** Tu | 0250 | 2.1 | 65 |
| | 0857 | 16.2 | 494 |
| | 1459 | 4.2 | 128 |
| | 2049 | 15.7 | 480 |
| **5** W | 0329 | 2.4 | 74 |
| | 0939 | 15.6 | 474 |
| | 1540 | 4.5 | 137 |
| | 2129 | 15.0 | 457 |
| **6** Th ◐ | 0411 | 2.8 | 86 |
| | 1027 | 14.9 | 455 |
| | 1627 | 4.9 | 149 |
| | 2217 | 14.2 | 433 |
| **7** F | 0459 | 3.3 | 101 |
| | 1121 | 14.4 | 440 |
| | 1720 | 5.2 | 160 |
| | 2315 | 13.6 | 415 |
| **8** Sa | 0556 | 3.7 | 113 |
| | 1221 | 14.3 | 437 |
| | 1826 | 5.3 | 163 |
| **9** Su | 0022 | 13.5 | 412 |
| | 0659 | 3.9 | 118 |
| | 1321 | 14.7 | 449 |
| | 1933 | 5.1 | 154 |
| **10** M | 0131 | 14.0 | 428 |
| | 0800 | 3.8 | 115 |
| | 1417 | 15.5 | 473 |
| | 2034 | 4.4 | 135 |
| **11** Tu | 0232 | 15.0 | 458 |
| | 0855 | 3.6 | 109 |
| | 1506 | 16.5 | 503 |
| | 2129 | 3.7 | 113 |
| **12** W | 0326 | 16.2 | 495 |
| | 0943 | 3.3 | 102 |
| | 1551 | 17.5 | 533 |
| | 2218 | 3.0 | 90 |
| **13** Th ○ | 0417 | 17.4 | 530 |
| | 1030 | 3.2 | 99 |
| | 1634 | 18.3 | 559 |
| | 2305 | 2.3 | 70 |
| **14** F | 0506 | 18.3 | 559 |
| | 1115 | 3.2 | 97 |
| | 1718 | 18.9 | 577 |
| | 2352 | 1.7 | 53 |
| **15** Sa | 0555 | 19.0 | 579 |
| | 1202 | 3.2 | 97 |
| | 1803 | 19.3 | 587 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0040 | 1.2 | 38 |
| | 0644 | 19.3 | 588 |
| | 1249 | 3.1 | 96 |
| | 1849 | 19.3 | 588 |
| **17** M | 0128 | 0.9 | 27 |
| | 0734 | 19.3 | 587 |
| | 1337 | 3.2 | 97 |
| | 1937 | 19.0 | 580 |
| **18** Tu | 0215 | 0.8 | 23 |
| | 0826 | 18.9 | 576 |
| | 1426 | 3.3 | 100 |
| | 2027 | 18.4 | 561 |
| **19** W ◑ | 0304 | 0.9 | 27 |
| | 0918 | 18.2 | 555 |
| | 1516 | 3.6 | 109 |
| | 2120 | 17.6 | 535 |
| **20** Th | 0356 | 1.3 | 41 |
| | 1016 | 17.4 | 530 |
| | 1611 | 4.0 | 122 |
| | 2218 | 16.5 | 503 |
| **21** F | 0454 | 2.0 | 61 |
| | 1119 | 16.6 | 506 |
| | 1715 | 4.4 | 135 |
| | 2325 | 15.6 | 475 |
| **22** Sa | 0600 | 2.7 | 83 |
| | 1226 | 16.1 | 491 |
| | 1829 | 4.7 | 142 |
| **23** Su | 0042 | 15.1 | 459 |
| | 0711 | 3.2 | 99 |
| | 1332 | 16.1 | 490 |
| | 1945 | 4.4 | 135 |
| **24** M | 0156 | 15.2 | 462 |
| | 0818 | 3.6 | 109 |
| | 1432 | 16.4 | 500 |
| | 2055 | 3.9 | 120 |
| **25** Tu | 0259 | 15.6 | 477 |
| | 0914 | 3.8 | 115 |
| | 1525 | 16.8 | 513 |
| | 2150 | 3.4 | 103 |
| **26** W | 0354 | 16.2 | 495 |
| | 1001 | 4.0 | 122 |
| | 1611 | 17.2 | 525 |
| | 2235 | 3.0 | 92 |
| **27** Th ● | 0441 | 16.8 | 511 |
| | 1042 | 4.3 | 130 |
| | 1652 | 17.4 | 531 |
| | 2317 | 2.8 | 85 |
| **28** F | 0525 | 17.1 | 520 |
| | 1121 | 4.5 | 138 |
| | 1731 | 17.5 | 532 |
| | 2356 | 2.7 | 81 |
| **29** Sa | 0606 | 17.2 | 525 |
| | 1201 | 4.7 | 143 |
| | 1807 | 17.3 | 528 |
| **30** Su | 0036 | 2.6 | 78 |
| | 0645 | 17.2 | 525 |
| | 1242 | 4.8 | 145 |
| | 1842 | 17.1 | 521 |

## December

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0116 | 2.5 | 75 |
| | 0724 | 17.1 | 522 |
| | 1323 | 4.7 | 143 |
| | 1917 | 16.8 | 513 |
| **2** Tu | 0154 | 2.4 | 73 |
| | 0801 | 17.0 | 517 |
| | 1402 | 4.6 | 140 |
| | 1953 | 16.5 | 504 |
| **3** W | 0232 | 2.3 | 71 |
| | 0839 | 16.7 | 509 |
| | 1441 | 4.5 | 138 |
| | 2029 | 16.2 | 493 |
| **4** Th | 0309 | 2.4 | 73 |
| | 0917 | 16.4 | 499 |
| | 1519 | 4.5 | 138 |
| | 2107 | 15.8 | 481 |
| **5** F ◐ | 0344 | 2.6 | 79 |
| | 0958 | 16.0 | 488 |
| | 1558 | 4.6 | 141 |
| | 2149 | 15.4 | 468 |
| **6** Sa | 0419 | 2.9 | 89 |
| | 1042 | 15.7 | 478 |
| | 1642 | 4.8 | 147 |
| | 2239 | 14.9 | 455 |
| **7** Su | 0502 | 3.4 | 103 |
| | 1131 | 15.5 | 472 |
| | 1734 | 5.0 | 151 |
| | 2337 | 14.7 | 448 |
| **8** M | 0554 | 3.8 | 116 |
| | 1224 | 15.6 | 474 |
| | 1836 | 4.9 | 149 |
| **9** Tu | 0041 | 14.8 | 452 |
| | 0654 | 4.1 | 126 |
| | 1320 | 15.9 | 485 |
| | 1939 | 4.5 | 138 |
| **10** W | 0146 | 15.4 | 469 |
| | 0753 | 4.3 | 130 |
| | 1415 | 16.6 | 505 |
| | 2039 | 4.0 | 121 |
| **11** Th | 0249 | 16.3 | 496 |
| | 0849 | 4.3 | 131 |
| | 1509 | 17.3 | 528 |
| | 2136 | 3.3 | 101 |
| **12** F ○ | 0349 | 17.2 | 525 |
| | 0943 | 4.3 | 130 |
| | 1601 | 18.1 | 551 |
| | 2233 | 2.7 | 81 |
| **13** Sa | 0446 | 18.1 | 553 |
| | 1040 | 4.2 | 128 |
| | 1654 | 18.7 | 570 |
| | 2331 | 2.1 | 63 |
| **14** Su | 0541 | 18.8 | 574 |
| | 1138 | 4.1 | 124 |
| | 1745 | 19.1 | 583 |
| **15** M | 0027 | 1.5 | 45 |
| | 0635 | 19.3 | 589 |
| | 1235 | 3.9 | 118 |
| | 1837 | 19.4 | 590 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0121 | 1.0 | 31 |
| | 0728 | 19.5 | 595 |
| | 1329 | 3.6 | 109 |
| | 1929 | 19.4 | 590 |
| **17** W | 0210 | 0.7 | 21 |
| | 0818 | 19.5 | 593 |
| | 1420 | 3.3 | 102 |
| | 2020 | 19.1 | 581 |
| **18** Th | 0259 | 0.7 | 21 |
| | 0909 | 19.1 | 582 |
| | 1510 | 3.3 | 100 |
| | 2112 | 18.5 | 563 |
| **19** F ◑ | 0346 | 1.0 | 32 |
| | 0959 | 18.5 | 564 |
| | 1602 | 3.4 | 104 |
| | 2205 | 17.6 | 537 |
| **20** Sa | 0435 | 1.7 | 52 |
| | 1052 | 17.7 | 540 |
| | 1657 | 3.7 | 114 |
| | 2302 | 16.7 | 508 |
| **21** Su | 0529 | 2.6 | 80 |
| | 1147 | 17.0 | 517 |
| | 1758 | 4.1 | 124 |
| **22** M | 0004 | 15.8 | 481 |
| | 0625 | 3.5 | 108 |
| | 1245 | 16.4 | 500 |
| | 1903 | 4.2 | 129 |
| **23** Tu | 0113 | 15.3 | 466 |
| | 0723 | 4.3 | 132 |
| | 1345 | 16.1 | 491 |
| | 2006 | 4.2 | 127 |
| **24** W | 0220 | 15.2 | 464 |
| | 0818 | 4.9 | 149 |
| | 1442 | 16.1 | 492 |
| | 2104 | 4.0 | 121 |
| **25** Th | 0321 | 15.5 | 473 |
| | 0912 | 5.2 | 159 |
| | 1535 | 16.3 | 497 |
| | 2158 | 3.7 | 114 |
| **26** F | 0415 | 16.0 | 487 |
| | 1002 | 5.4 | 165 |
| | 1623 | 16.5 | 502 |
| | 2247 | 3.5 | 106 |
| **27** Sa ● | 0503 | 16.4 | 500 |
| | 1050 | 5.5 | 168 |
| | 1707 | 16.6 | 507 |
| | 2334 | 3.3 | 100 |
| **28** Su | 0548 | 16.7 | 510 |
| | 1138 | 5.5 | 167 |
| | 1746 | 16.7 | 509 |
| **29** M | 0018 | 3.1 | 94 |
| | 0629 | 17.0 | 517 |
| | 1224 | 5.3 | 162 |
| | 1825 | 16.7 | 509 |
| **30** Tu | 0101 | 2.9 | 87 |
| | 0708 | 17.1 | 522 |
| | 1308 | 5.1 | 154 |
| | 1901 | 16.7 | 510 |
| **31** W | 0141 | 2.6 | 79 |
| | 0745 | 17.2 | 525 |
| | 1349 | 4.8 | 145 |
| | 1936 | 16.8 | 511 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Punta Loyola, Argentina, 2008

Times and Heights of High and Low Waters

## January

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0423 | 33.5 | 1020 |
| | 1041 | 13.1 | 400 |
| | 1650 | 31.5 | 960 |
| | 2310 | 13.1 | 400 |
| **2** W | 0513 | 32.5 | 990 |
| | 1128 | 14.4 | 440 |
| | 1749 | 30.8 | 940 |
| | 2356 | 14.8 | 450 |
| **3** Th | 0604 | 32.2 | 980 |
| | 1221 | 15.1 | 460 |
| | 1849 | 30.5 | 930 |
| **4** F | 0045 | 15.7 | 480 |
| | 0654 | 31.8 | 970 |
| | 1315 | 14.8 | 450 |
| | 1944 | 30.8 | 940 |
| **5** Sa | 0136 | 15.7 | 480 |
| | 0743 | 32.2 | 980 |
| | 1408 | 14.1 | 430 |
| | 2032 | 31.5 | 960 |
| **6** Su | 0227 | 15.1 | 460 |
| | 0830 | 32.8 | 1000 |
| | 1501 | 12.5 | 380 |
| | 2115 | 32.5 | 990 |
| **7** M | 0318 | 14.1 | 430 |
| | 0916 | 33.5 | 1020 |
| | 1552 | 10.8 | 330 |
| | 2157 | 33.8 | 1030 |
| **8** Tu ● | 0409 | 12.5 | 380 |
| | 1001 | 34.4 | 1050 |
| | 1642 | 9.2 | 280 |
| | 2240 | 35.1 | 1070 |
| **9** W | 0459 | 10.8 | 330 |
| | 1046 | 35.8 | 1090 |
| | 1731 | 7.2 | 220 |
| | 2323 | 36.1 | 1100 |
| **10** Th | 0547 | 9.2 | 280 |
| | 1132 | 36.7 | 1120 |
| | 1818 | 5.9 | 180 |
| **11** F | 0005 | 37.1 | 1130 |
| | 0633 | 7.9 | 240 |
| | 1217 | 37.4 | 1140 |
| | 1904 | 4.9 | 150 |
| **12** Sa | 0050 | 37.4 | 1140 |
| | 0719 | 7.2 | 220 |
| | 1303 | 37.7 | 1150 |
| | 1949 | 5.2 | 160 |
| **13** Su | 0135 | 37.4 | 1140 |
| | 0805 | 7.5 | 230 |
| | 1350 | 37.4 | 1140 |
| | 2036 | 6.2 | 190 |
| **14** M | 0221 | 37.1 | 1130 |
| | 0851 | 8.5 | 260 |
| | 1440 | 36.7 | 1120 |
| | 2124 | 7.9 | 240 |
| **15** Tu ◐ | 0311 | 36.1 | 1100 |
| | 0942 | 10.2 | 310 |
| | 1536 | 35.1 | 1070 |
| | 2217 | 10.2 | 310 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0405 | 34.8 | 1060 |
| | 1039 | 11.8 | 360 |
| | 1639 | 33.8 | 1030 |
| | 2317 | 12.5 | 380 |
| **17** Th | 0506 | 33.8 | 1030 |
| | 1148 | 13.1 | 400 |
| | 1752 | 32.8 | 1000 |
| **18** F | 0027 | 14.1 | 430 |
| | 0615 | 33.5 | 1020 |
| | 1309 | 12.8 | 390 |
| | 1912 | 32.8 | 1000 |
| **19** Sa | 0144 | 13.8 | 420 |
| | 0728 | 33.8 | 1030 |
| | 1427 | 11.2 | 340 |
| | 2026 | 34.1 | 1040 |
| **20** Su | 0254 | 12.5 | 380 |
| | 0838 | 35.1 | 1070 |
| | 1532 | 8.5 | 260 |
| | 2127 | 36.1 | 1100 |
| **21** M | 0354 | 10.5 | 320 |
| | 0938 | 36.7 | 1120 |
| | 1627 | 5.9 | 180 |
| | 2219 | 37.7 | 1150 |
| **22** Tu ○ | 0446 | 8.2 | 250 |
| | 1030 | 38.1 | 1160 |
| | 1716 | 3.6 | 110 |
| | 2304 | 38.7 | 1180 |
| **23** W | 0534 | 6.6 | 200 |
| | 1116 | 39.0 | 1190 |
| | 1801 | 2.3 | 70 |
| | 2346 | 39.4 | 1200 |
| **24** Th | 0618 | 5.2 | 160 |
| | 1158 | 39.4 | 1200 |
| | 1843 | 2.0 | 60 |
| **25** F | 0026 | 39.4 | 1200 |
| | 0658 | 5.2 | 160 |
| | 1238 | 39.0 | 1190 |
| | 1923 | 2.6 | 80 |
| **26** Sa | 0103 | 39.0 | 1190 |
| | 0736 | 5.6 | 170 |
| | 1315 | 38.4 | 1170 |
| | 1959 | 4.3 | 130 |
| **27** Su | 0137 | 38.1 | 1160 |
| | 0809 | 7.2 | 220 |
| | 1351 | 37.1 | 1130 |
| | 2031 | 6.6 | 200 |
| **28** M | 0211 | 37.1 | 1130 |
| | 0838 | 8.9 | 270 |
| | 1428 | 35.4 | 1080 |
| | 2058 | 9.2 | 280 |
| **29** Tu | 0247 | 35.4 | 1080 |
| | 0906 | 10.8 | 330 |
| | 1508 | 33.5 | 1020 |
| | 2128 | 11.8 | 360 |
| **30** W ◑ | 0326 | 33.8 | 1030 |
| | 0941 | 13.1 | 400 |
| | 1553 | 31.5 | 960 |
| | 2205 | 14.4 | 440 |
| **31** Th | 0409 | 32.2 | 980 |
| | 1022 | 14.8 | 450 |
| | 1644 | 29.9 | 910 |
| | 2250 | 16.7 | 510 |

## February

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F | 0458 | 30.5 | 930 |
| | 1113 | 16.1 | 490 |
| | 1743 | 28.5 | 870 |
| | 2342 | 17.7 | 540 |
| **2** Sa | 0553 | 29.5 | 900 |
| | 1212 | 16.4 | 500 |
| | 1848 | 28.9 | 880 |
| **3** Su | 0042 | 17.7 | 540 |
| | 0654 | 29.5 | 900 |
| | 1319 | 15.4 | 470 |
| | 1953 | 29.9 | 910 |
| **4** M | 0149 | 16.7 | 510 |
| | 0755 | 30.5 | 930 |
| | 1432 | 13.5 | 410 |
| | 2048 | 31.5 | 960 |
| **5** Tu | 0254 | 14.1 | 430 |
| | 0852 | 32.5 | 990 |
| | 1534 | 10.8 | 330 |
| | 2135 | 33.8 | 1030 |
| **6** W | 0351 | 11.5 | 350 |
| | 0943 | 34.4 | 1050 |
| | 1625 | 7.9 | 240 |
| | 2220 | 36.1 | 1100 |
| **7** Th ● | 0442 | 8.9 | 270 |
| | 1033 | 36.7 | 1120 |
| | 1712 | 5.2 | 160 |
| | 2304 | 38.1 | 1160 |
| **8** F | 0529 | 6.6 | 200 |
| | 1119 | 38.7 | 1180 |
| | 1759 | 3.6 | 110 |
| | 2348 | 39.4 | 1200 |
| **9** Sa | 0615 | 4.9 | 150 |
| | 1205 | 40.0 | 1220 |
| | 1844 | 3.0 | 90 |
| **10** Su | 0030 | 40.4 | 1230 |
| | 0700 | 4.6 | 140 |
| | 1250 | 40.4 | 1230 |
| | 1929 | 3.3 | 100 |
| **11** M | 0114 | 40.4 | 1230 |
| | 0745 | 4.9 | 150 |
| | 1335 | 40.0 | 1220 |
| | 2014 | 4.9 | 150 |
| **12** Tu | 0158 | 39.4 | 1200 |
| | 0831 | 6.6 | 200 |
| | 1422 | 38.4 | 1170 |
| | 2059 | 7.5 | 230 |
| **13** W | 0242 | 37.7 | 1150 |
| | 0918 | 8.9 | 270 |
| | 1513 | 36.1 | 1100 |
| | 2149 | 10.8 | 330 |
| **14** Th ◐ | 0331 | 35.4 | 1080 |
| | 1013 | 11.5 | 350 |
| | 1612 | 33.5 | 1020 |
| | 2249 | 14.1 | 430 |
| **15** F | 0428 | 33.5 | 1020 |
| | 1129 | 13.5 | 410 |
| | 1731 | 31.8 | 970 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa | 0012 | 15.7 | 480 |
| | 0546 | 31.8 | 970 |
| | 1306 | 13.1 | 400 |
| | 1911 | 31.8 | 970 |
| **17** Su | 0140 | 15.1 | 460 |
| | 0727 | 32.2 | 980 |
| | 1422 | 10.8 | 330 |
| | 2025 | 33.8 | 1030 |
| **18** M | 0247 | 12.8 | 390 |
| | 0839 | 34.1 | 1040 |
| | 1521 | 7.9 | 240 |
| | 2119 | 36.1 | 1100 |
| **19** Tu | 0342 | 9.8 | 300 |
| | 0934 | 36.4 | 1110 |
| | 1610 | 5.2 | 160 |
| | 2205 | 38.1 | 1160 |
| **20** W | 0430 | 7.2 | 220 |
| | 1020 | 38.1 | 1160 |
| | 1656 | 3.0 | 90 |
| | 2246 | 39.4 | 1200 |
| **21** Th ○ | 0514 | 5.2 | 160 |
| | 1101 | 39.4 | 1200 |
| | 1737 | 2.0 | 60 |
| | 2324 | 40.0 | 1220 |
| **22** F | 0554 | 4.3 | 130 |
| | 1140 | 40.0 | 1220 |
| | 1817 | 2.0 | 60 |
| | 2359 | 40.4 | 1230 |
| **23** Sa | 0632 | 4.3 | 130 |
| | 1215 | 39.7 | 1210 |
| | 1853 | 3.0 | 90 |
| **24** Su | 0031 | 39.7 | 1210 |
| | 0706 | 5.2 | 160 |
| | 1248 | 38.7 | 1180 |
| | 1924 | 4.9 | 150 |
| **25** M | 0102 | 39.0 | 1190 |
| | 0733 | 6.6 | 200 |
| | 1320 | 37.4 | 1140 |
| | 1950 | 7.5 | 230 |
| **26** Tu | 0133 | 37.7 | 1150 |
| | 0758 | 8.5 | 260 |
| | 1354 | 35.8 | 1090 |
| | 2015 | 10.2 | 310 |
| **27** W | 0205 | 36.1 | 1100 |
| | 0826 | 10.5 | 320 |
| | 1430 | 33.5 | 1020 |
| | 2045 | 12.8 | 390 |
| **28** Th ◑ | 0240 | 34.1 | 1040 |
| | 0859 | 12.5 | 380 |
| | 1509 | 31.5 | 960 |
| | 2121 | 15.1 | 460 |
| **29** F | 0318 | 31.8 | 970 |
| | 0938 | 14.4 | 440 |
| | 1554 | 29.5 | 900 |
| | 2204 | 17.1 | 520 |

## March

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Sa | 0401 | 29.9 | 910 |
| | 1026 | 15.7 | 480 |
| | 1649 | 28.2 | 860 |
| | 2255 | 18.4 | 560 |
| **2** Su | 0456 | 28.5 | 870 |
| | 1124 | 16.4 | 500 |
| | 1758 | 27.9 | 850 |
| **3** M | 0000 | 18.4 | 560 |
| | 0606 | 28.2 | 860 |
| | 1241 | 15.7 | 480 |
| | 1915 | 29.2 | 890 |
| **4** Tu | 0118 | 16.7 | 510 |
| | 0725 | 29.5 | 900 |
| | 1406 | 13.1 | 400 |
| | 2018 | 31.5 | 960 |
| **5** W | 0231 | 13.8 | 420 |
| | 0831 | 32.2 | 980 |
| | 1509 | 9.8 | 300 |
| | 2110 | 34.4 | 1050 |
| **6** Th | 0328 | 10.2 | 310 |
| | 0926 | 35.4 | 1080 |
| | 1601 | 6.9 | 210 |
| | 2156 | 37.4 | 1140 |
| **7** F ● | 0419 | 7.2 | 220 |
| | 1014 | 38.1 | 1160 |
| | 1649 | 4.3 | 130 |
| | 2241 | 39.7 | 1210 |
| **8** Sa | 0507 | 4.6 | 140 |
| | 1101 | 40.4 | 1230 |
| | 1736 | 2.6 | 80 |
| | 2325 | 41.3 | 1260 |
| **9** Su | 0554 | 3.3 | 100 |
| | 1147 | 41.7 | 1270 |
| | 1821 | 2.3 | 70 |
| **10** M | 0007 | 42.3 | 1290 |
| | 0640 | 3.0 | 90 |
| | 1232 | 42.0 | 1280 |
| | 1907 | 3.3 | 100 |
| **11** Tu | 0051 | 42.0 | 1280 |
| | 0726 | 3.6 | 110 |
| | 1317 | 41.0 | 1250 |
| | 1952 | 5.2 | 160 |
| **12** W | 0133 | 40.7 | 1240 |
| | 0810 | 5.6 | 170 |
| | 1403 | 39.0 | 1190 |
| | 2037 | 8.2 | 250 |
| **13** Th | 0216 | 38.4 | 1170 |
| | 0900 | 8.2 | 250 |
| | 1452 | 36.1 | 1100 |
| | 2127 | 11.5 | 350 |
| **14** F ◐ | 0301 | 35.8 | 1090 |
| | 0957 | 10.8 | 330 |
| | 1551 | 33.5 | 1020 |
| | 2231 | 14.4 | 440 |
| **15** Sa | 0357 | 32.8 | 1000 |
| | 1124 | 12.8 | 390 |
| | 1721 | 31.5 | 960 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Su | 0004 | 15.7 | 480 |
| | 0530 | 30.8 | 940 |
| | 1254 | 12.1 | 370 |
| | 1903 | 32.2 | 980 |
| **17** M | 0125 | 14.8 | 450 |
| | 0722 | 31.8 | 970 |
| | 1401 | 10.2 | 310 |
| | 2006 | 34.1 | 1040 |
| **18** Tu | 0227 | 12.1 | 370 |
| | 0825 | 33.8 | 1030 |
| | 1456 | 7.5 | 230 |
| | 2056 | 36.1 | 1100 |
| **19** W | 0319 | 9.2 | 280 |
| | 0914 | 36.4 | 1110 |
| | 1545 | 5.2 | 160 |
| | 2140 | 38.1 | 1160 |
| **20** Th | 0405 | 6.9 | 210 |
| | 0959 | 38.1 | 1160 |
| | 1629 | 3.6 | 110 |
| | 2220 | 39.4 | 1200 |
| **21** F ○ | 0448 | 5.2 | 160 |
| | 1039 | 39.4 | 1200 |
| | 1710 | 3.3 | 100 |
| | 2255 | 40.4 | 1230 |
| **22** Sa | 0529 | 4.6 | 140 |
| | 1115 | 39.7 | 1210 |
| | 1748 | 3.6 | 110 |
| | 2328 | 40.4 | 1230 |
| **23** Su | 0605 | 4.9 | 150 |
| | 1148 | 39.0 | 1190 |
| | 1821 | 5.2 | 160 |
| | 2358 | 39.7 | 1210 |
| **24** M | 0635 | 5.9 | 180 |
| | 1220 | 38.1 | 1160 |
| | 1849 | 7.2 | 220 |
| **25** Tu | 0027 | 38.7 | 1180 |
| | 0700 | 7.2 | 220 |
| | 1250 | 36.7 | 1120 |
| | 1912 | 9.2 | 280 |
| **26** W | 0057 | 37.4 | 1140 |
| | 0725 | 8.9 | 270 |
| | 1323 | 35.1 | 1070 |
| | 1940 | 11.5 | 350 |
| **27** Th | 0129 | 35.8 | 1090 |
| | 0753 | 10.2 | 310 |
| | 1357 | 33.5 | 1020 |
| | 2011 | 13.5 | 410 |
| **28** F | 0201 | 33.8 | 1030 |
| | 0827 | 11.8 | 360 |
| | 1434 | 31.8 | 970 |
| | 2046 | 15.1 | 460 |
| **29** Sa ◑ | 0236 | 32.2 | 980 |
| | 0905 | 13.5 | 410 |
| | 1516 | 30.2 | 920 |
| | 2129 | 16.7 | 510 |
| **30** Su | 0314 | 30.5 | 930 |
| | 0950 | 14.4 | 440 |
| | 1607 | 28.9 | 880 |
| | 2219 | 17.4 | 530 |
| **31** M | 0403 | 28.9 | 880 |
| | 1049 | 15.1 | 460 |
| | 1717 | 28.5 | 870 |
| | 2326 | 17.4 | 530 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Punta Loyola, Argentina, 2008

Times and Heights of High and Low Waters

## April

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0523 | 28.5 | 870 |
| | 1214 | 14.8 | 450 |
| | 1837 | 29.5 | 900 |
| **2** W | 0050 | 15.7 | 480 |
| | 0656 | 29.9 | 910 |
| | 1336 | 12.5 | 380 |
| | 1945 | 32.2 | 980 |
| **3** Th | 0201 | 12.8 | 390 |
| | 0806 | 32.8 | 1000 |
| | 1438 | 9.5 | 290 |
| | 2039 | 35.4 | 1080 |
| **4** F | 0259 | 9.5 | 290 |
| | 0902 | 36.1 | 1100 |
| | 1531 | 6.6 | 200 |
| | 2128 | 38.1 | 1160 |
| **5** Sa | 0352 | 6.6 | 200 |
| | 0952 | 39.0 | 1190 |
| | 1621 | 4.6 | 140 |
| | 2215 | 40.7 | 1240 |
| **6** Su ● | 0442 | 4.6 | 140 |
| | 1040 | 41.0 | 1250 |
| | 1711 | 3.6 | 110 |
| | 2300 | 42.0 | 1280 |
| **7** M | 0532 | 3.3 | 100 |
| | 1127 | 42.0 | 1280 |
| | 1759 | 3.6 | 110 |
| | 2344 | 42.7 | 1300 |
| **8** Tu | 0622 | 3.0 | 90 |
| | 1213 | 41.7 | 1270 |
| | 1846 | 4.6 | 140 |
| **9** W | 0027 | 42.0 | 1280 |
| | 0710 | 3.6 | 110 |
| | 1300 | 40.7 | 1240 |
| | 1934 | 6.6 | 200 |
| **10** Th | 0110 | 40.4 | 1230 |
| | 0759 | 5.2 | 160 |
| | 1347 | 38.4 | 1170 |
| | 2023 | 9.2 | 280 |
| **11** F | 0154 | 38.1 | 1160 |
| | 0851 | 7.2 | 220 |
| | 1438 | 36.1 | 1100 |
| | 2116 | 11.5 | 350 |
| **12** Sa ◐ | 0241 | 35.4 | 1080 |
| | 0954 | 9.5 | 290 |
| | 1541 | 33.5 | 1020 |
| | 2223 | 13.8 | 420 |
| **13** Su | 0339 | 32.8 | 1000 |
| | 1111 | 10.8 | 330 |
| | 1711 | 32.2 | 980 |
| | 2343 | 14.4 | 440 |
| **14** M | 0523 | 31.2 | 950 |
| | 1225 | 10.8 | 330 |
| | 1833 | 32.8 | 1000 |
| **15** Tu | 0054 | 13.5 | 410 |
| | 0654 | 32.2 | 980 |
| | 1328 | 9.5 | 290 |
| | 1933 | 34.1 | 1040 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0155 | 11.8 | 360 |
| | 0755 | 33.8 | 1030 |
| | 1423 | 7.9 | 240 |
| | 2023 | 36.1 | 1100 |
| **17** Th | 0248 | 9.8 | 300 |
| | 0846 | 35.8 | 1090 |
| | 1512 | 6.9 | 210 |
| | 2107 | 37.7 | 1150 |
| **18** F | 0336 | 7.9 | 240 |
| | 0931 | 37.1 | 1130 |
| | 1558 | 6.2 | 190 |
| | 2147 | 38.7 | 1180 |
| **19** Sa | 0421 | 6.9 | 210 |
| | 1010 | 38.1 | 1160 |
| | 1639 | 6.2 | 190 |
| | 2222 | 39.0 | 1190 |
| **20** Su ○ | 0502 | 6.2 | 190 |
| | 1048 | 38.1 | 1160 |
| | 1717 | 6.9 | 210 |
| | 2253 | 39.0 | 1190 |
| **21** M | 0538 | 6.6 | 200 |
| | 1120 | 37.4 | 1140 |
| | 1749 | 8.2 | 250 |
| | 2322 | 38.4 | 1170 |
| **22** Tu | 0607 | 7.5 | 230 |
| | 1151 | 36.7 | 1120 |
| | 1816 | 9.8 | 300 |
| | 2353 | 37.4 | 1140 |
| **23** W | 0631 | 8.2 | 250 |
| | 1223 | 35.4 | 1080 |
| | 1842 | 11.2 | 340 |
| **24** Th | 0025 | 36.4 | 1110 |
| | 0657 | 9.2 | 280 |
| | 1256 | 34.4 | 1050 |
| | 1912 | 12.5 | 380 |
| **25** F | 0058 | 34.8 | 1060 |
| | 0729 | 10.2 | 310 |
| | 1331 | 33.1 | 1010 |
| | 1945 | 13.5 | 410 |
| **26** Sa | 0131 | 33.5 | 1020 |
| | 0804 | 10.8 | 330 |
| | 1408 | 32.2 | 980 |
| | 2023 | 14.4 | 440 |
| **27** Su | 0205 | 32.5 | 990 |
| | 0843 | 11.8 | 360 |
| | 1449 | 31.2 | 950 |
| | 2105 | 15.1 | 460 |
| **28** M ◑ | 0242 | 31.5 | 960 |
| | 0930 | 12.8 | 390 |
| | 1539 | 30.5 | 930 |
| | 2155 | 15.4 | 470 |
| **29** Tu | 0329 | 30.5 | 930 |
| | 1032 | 13.1 | 400 |
| | 1645 | 30.2 | 920 |
| | 2302 | 15.4 | 470 |
| **30** W | 0452 | 30.2 | 920 |
| | 1151 | 12.8 | 390 |
| | 1802 | 31.2 | 950 |

## May

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Th | 0020 | 14.1 | 430 |
| | 0626 | 31.2 | 950 |
| | 1303 | 11.5 | 350 |
| | 1909 | 33.1 | 1010 |
| **2** F | 0129 | 12.1 | 370 |
| | 0735 | 33.5 | 1020 |
| | 1405 | 9.5 | 290 |
| | 2006 | 35.8 | 1090 |
| **3** Sa | 0229 | 9.5 | 290 |
| | 0834 | 36.1 | 1100 |
| | 1501 | 7.9 | 240 |
| | 2058 | 38.4 | 1170 |
| **4** Su | 0325 | 7.2 | 220 |
| | 0927 | 38.4 | 1170 |
| | 1555 | 6.6 | 200 |
| | 2147 | 40.4 | 1230 |
| **5** M ● | 0421 | 5.6 | 170 |
| | 1018 | 40.0 | 1220 |
| | 1648 | 5.9 | 180 |
| | 2235 | 41.3 | 1260 |
| **6** Tu | 0515 | 4.3 | 130 |
| | 1108 | 40.7 | 1240 |
| | 1741 | 5.9 | 180 |
| | 2322 | 41.3 | 1260 |
| **7** W | 0609 | 3.6 | 110 |
| | 1158 | 40.4 | 1230 |
| | 1833 | 6.6 | 200 |
| **8** Th | 0007 | 40.7 | 1240 |
| | 0702 | 3.6 | 110 |
| | 1247 | 39.4 | 1200 |
| | 1925 | 7.5 | 230 |
| **9** F | 0054 | 39.4 | 1200 |
| | 0755 | 4.6 | 140 |
| | 1338 | 38.1 | 1160 |
| | 2016 | 8.9 | 270 |
| **10** Sa | 0141 | 37.7 | 1150 |
| | 0847 | 5.6 | 170 |
| | 1431 | 36.1 | 1100 |
| | 2109 | 10.5 | 320 |
| **11** Su | 0232 | 35.8 | 1090 |
| | 0945 | 7.2 | 220 |
| | 1532 | 34.8 | 1060 |
| | 2207 | 11.5 | 350 |
| **12** M ◐ | 0334 | 33.8 | 1030 |
| | 1045 | 8.5 | 260 |
| | 1641 | 33.8 | 1030 |
| | 2310 | 12.5 | 380 |
| **13** Tu | 0455 | 32.5 | 990 |
| | 1147 | 9.2 | 280 |
| | 1749 | 33.8 | 1030 |
| **14** W | 0012 | 12.5 | 380 |
| | 0612 | 32.8 | 1000 |
| | 1246 | 9.5 | 290 |
| | 1848 | 34.4 | 1050 |
| **15** Th | 0114 | 11.8 | 360 |
| | 0715 | 33.5 | 1020 |
| | 1342 | 9.5 | 290 |
| | 1940 | 35.4 | 1080 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** F | 0209 | 10.8 | 330 |
| | 0810 | 34.4 | 1050 |
| | 1433 | 9.5 | 290 |
| | 2027 | 36.4 | 1110 |
| **17** Sa | 0303 | 9.8 | 300 |
| | 0859 | 35.1 | 1070 |
| | 1522 | 9.5 | 290 |
| | 2108 | 37.1 | 1130 |
| **18** Su | 0352 | 9.2 | 280 |
| | 0942 | 35.8 | 1090 |
| | 1606 | 10.2 | 310 |
| | 2143 | 37.1 | 1130 |
| **19** M ○ | 0437 | 8.9 | 270 |
| | 1018 | 35.8 | 1090 |
| | 1645 | 10.8 | 330 |
| | 2215 | 36.7 | 1120 |
| **20** Tu | 0514 | 9.2 | 280 |
| | 1052 | 35.4 | 1080 |
| | 1718 | 11.5 | 350 |
| | 2248 | 36.4 | 1110 |
| **21** W | 0542 | 9.2 | 280 |
| | 1124 | 34.8 | 1060 |
| | 1745 | 12.1 | 370 |
| | 2322 | 35.8 | 1090 |
| **22** Th | 0609 | 9.2 | 280 |
| | 1158 | 34.1 | 1040 |
| | 1818 | 12.5 | 380 |
| | 2358 | 34.8 | 1060 |
| **23** F | 0640 | 9.5 | 290 |
| | 1234 | 33.8 | 1030 |
| | 1853 | 12.5 | 380 |
| **24** Sa | 0034 | 34.1 | 1040 |
| | 0716 | 9.5 | 290 |
| | 1312 | 33.5 | 1020 |
| | 1931 | 12.5 | 380 |
| **25** Su | 0111 | 33.8 | 1030 |
| | 0755 | 9.5 | 290 |
| | 1351 | 33.1 | 1010 |
| | 2011 | 12.5 | 380 |
| **26** M | 0149 | 33.5 | 1020 |
| | 0838 | 9.8 | 300 |
| | 1434 | 32.8 | 1000 |
| | 2054 | 12.8 | 390 |
| **27** Tu ◑ | 0230 | 33.1 | 1010 |
| | 0926 | 10.5 | 320 |
| | 1523 | 32.5 | 990 |
| | 2144 | 13.1 | 400 |
| **28** W | 0323 | 32.5 | 990 |
| | 1022 | 10.8 | 330 |
| | 1623 | 32.5 | 990 |
| | 2244 | 13.1 | 400 |
| **29** Th | 0438 | 32.2 | 980 |
| | 1126 | 11.5 | 350 |
| | 1729 | 33.1 | 1010 |
| | 2351 | 12.8 | 390 |
| **30** F | 0556 | 32.8 | 1000 |
| | 1231 | 11.2 | 340 |
| | 1833 | 34.4 | 1050 |
| **31** Sa | 0057 | 11.8 | 360 |
| | 0705 | 33.8 | 1030 |
| | 1333 | 10.8 | 330 |
| | 1932 | 35.8 | 1090 |

## June

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Su | 0202 | 10.5 | 320 |
| | 0807 | 35.4 | 1080 |
| | 1433 | 10.2 | 310 |
| | 2029 | 37.4 | 1140 |
| **2** M | 0305 | 8.9 | 270 |
| | 0906 | 37.1 | 1130 |
| | 1534 | 9.5 | 290 |
| | 2123 | 38.7 | 1180 |
| **3** Tu ● | 0407 | 7.2 | 220 |
| | 1002 | 38.1 | 1160 |
| | 1634 | 8.9 | 270 |
| | 2215 | 39.4 | 1200 |
| **4** W | 0508 | 5.6 | 170 |
| | 1057 | 38.7 | 1180 |
| | 1732 | 8.2 | 250 |
| | 2307 | 39.7 | 1210 |
| **5** Th | 0605 | 4.3 | 130 |
| | 1149 | 38.7 | 1180 |
| | 1826 | 7.5 | 230 |
| | 2357 | 39.4 | 1200 |
| **6** F | 0658 | 3.3 | 100 |
| | 1241 | 38.4 | 1170 |
| | 1918 | 7.2 | 220 |
| **7** Sa | 0047 | 38.7 | 1180 |
| | 0748 | 3.3 | 100 |
| | 1331 | 38.1 | 1160 |
| | 2006 | 7.5 | 230 |
| **8** Su | 0136 | 37.7 | 1150 |
| | 0835 | 3.6 | 110 |
| | 1420 | 37.1 | 1130 |
| | 2053 | 8.2 | 250 |
| **9** M | 0226 | 36.7 | 1120 |
| | 0922 | 4.9 | 150 |
| | 1510 | 36.1 | 1100 |
| | 2141 | 9.5 | 290 |
| **10** Tu ◐ | 0319 | 35.4 | 1080 |
| | 1010 | 6.6 | 200 |
| | 1601 | 35.4 | 1080 |
| | 2229 | 10.5 | 320 |
| **11** W | 0416 | 34.1 | 1040 |
| | 1101 | 8.5 | 260 |
| | 1654 | 34.8 | 1060 |
| | 2322 | 11.8 | 360 |
| **12** Th | 0518 | 33.1 | 1010 |
| | 1153 | 10.2 | 310 |
| | 1749 | 34.4 | 1050 |
| **13** F | 0019 | 12.5 | 380 |
| | 0621 | 32.8 | 1000 |
| | 1246 | 11.8 | 360 |
| | 1843 | 34.4 | 1050 |
| **14** Sa | 0121 | 12.8 | 390 |
| | 0723 | 32.8 | 1000 |
| | 1341 | 12.8 | 390 |
| | 1932 | 34.4 | 1050 |
| **15** Su | 0224 | 12.8 | 390 |
| | 0821 | 32.8 | 1000 |
| | 1435 | 13.5 | 410 |
| | 2018 | 34.4 | 1050 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** M | 0324 | 12.1 | 370 |
| | 0910 | 33.1 | 1010 |
| | 1526 | 13.8 | 420 |
| | 2059 | 34.4 | 1050 |
| **17** Tu | 0414 | 11.5 | 350 |
| | 0951 | 33.1 | 1010 |
| | 1609 | 13.8 | 420 |
| | 2138 | 34.4 | 1050 |
| **18** W ○ | 0451 | 11.2 | 340 |
| | 1025 | 33.1 | 1010 |
| | 1645 | 13.8 | 420 |
| | 2217 | 34.1 | 1040 |
| **19** Th | 0520 | 10.5 | 320 |
| | 1100 | 33.5 | 1020 |
| | 1720 | 13.1 | 400 |
| | 2257 | 34.1 | 1040 |
| **20** F | 0551 | 9.5 | 290 |
| | 1136 | 33.8 | 1030 |
| | 1759 | 12.1 | 370 |
| | 2337 | 34.1 | 1040 |
| **21** Sa | 0627 | 8.5 | 260 |
| | 1215 | 34.1 | 1040 |
| | 1839 | 11.2 | 340 |
| **22** Su | 0018 | 34.4 | 1050 |
| | 0706 | 7.9 | 240 |
| | 1255 | 34.4 | 1050 |
| | 1919 | 10.5 | 320 |
| **23** M | 0058 | 34.8 | 1060 |
| | 0747 | 7.5 | 230 |
| | 1336 | 34.8 | 1060 |
| | 2001 | 9.8 | 300 |
| **24** Tu | 0142 | 35.1 | 1070 |
| | 0830 | 7.5 | 230 |
| | 1419 | 35.1 | 1070 |
| | 2044 | 10.2 | 310 |
| **25** W | 0228 | 35.1 | 1070 |
| | 0914 | 8.2 | 250 |
| | 1506 | 35.1 | 1070 |
| | 2131 | 10.5 | 320 |
| **26** Th ◑ | 0319 | 34.8 | 1060 |
| | 1005 | 9.2 | 280 |
| | 1558 | 34.8 | 1060 |
| | 2223 | 11.5 | 350 |
| **27** F | 0419 | 34.1 | 1040 |
| | 1059 | 10.8 | 330 |
| | 1656 | 34.8 | 1060 |
| | 2323 | 12.1 | 370 |
| **28** Sa | 0528 | 33.8 | 1030 |
| | 1200 | 11.8 | 360 |
| | 1758 | 34.8 | 1060 |
| **29** Su | 0029 | 12.5 | 380 |
| | 0638 | 33.5 | 1020 |
| | 1305 | 12.5 | 380 |
| | 1901 | 35.1 | 1070 |
| **30** M | 0142 | 11.8 | 360 |
| | 0746 | 34.1 | 1040 |
| | 1414 | 12.5 | 380 |
| | 2004 | 35.8 | 1090 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Punta Loyola, Argentina, 2008

Times and Heights of High and Low Waters

## July

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** Tu | 0255 | 10.2 | 310 |
| | 0853 | 35.1 | 1070 |
| | 1523 | 11.5 | 350 |
| | 2106 | 36.7 | 1120 |
| **2** W ● | 0404 | 8.2 | 250 |
| | 0955 | 36.4 | 1110 |
| | 1628 | 10.2 | 310 |
| | 2206 | 37.4 | 1140 |
| **3** Th | 0504 | 5.9 | 180 |
| | 1051 | 37.4 | 1140 |
| | 1724 | 8.5 | 260 |
| | 2301 | 38.4 | 1170 |
| **4** F | 0557 | 3.6 | 110 |
| | 1142 | 38.1 | 1160 |
| | 1816 | 7.2 | 220 |
| | 2352 | 38.7 | 1180 |
| **5** Sa | 0645 | 2.6 | 80 |
| | 1229 | 38.4 | 1170 |
| | 1903 | 6.2 | 190 |
| **6** Su | 0039 | 38.7 | 1180 |
| | 0730 | 2.0 | 60 |
| | 1314 | 38.4 | 1170 |
| | 1946 | 5.9 | 180 |
| **7** M | 0124 | 38.4 | 1170 |
| | 0813 | 2.6 | 80 |
| | 1356 | 38.1 | 1160 |
| | 2028 | 6.6 | 200 |
| **8** Tu | 0208 | 37.7 | 1150 |
| | 0854 | 4.3 | 130 |
| | 1437 | 37.4 | 1140 |
| | 2108 | 7.9 | 240 |
| **9** W | 0251 | 36.4 | 1110 |
| | 0933 | 6.2 | 190 |
| | 1518 | 36.4 | 1110 |
| | 2145 | 9.5 | 290 |
| **10** Th ◐ | 0335 | 35.1 | 1070 |
| | 1010 | 8.9 | 270 |
| | 1600 | 35.4 | 1080 |
| | 2223 | 11.5 | 350 |
| **11** F | 0423 | 33.5 | 1020 |
| | 1047 | 11.5 | 350 |
| | 1645 | 34.4 | 1050 |
| | 2304 | 13.1 | 400 |
| **12** Sa | 0518 | 32.2 | 980 |
| | 1128 | 13.8 | 420 |
| | 1735 | 33.1 | 1010 |
| | 2353 | 14.4 | 440 |
| **13** Su | 0619 | 30.8 | 940 |
| | 1216 | 15.4 | 470 |
| | 1827 | 32.5 | 990 |
| **14** M | 0052 | 14.8 | 450 |
| | 0726 | 30.5 | 930 |
| | 1310 | 16.4 | 500 |
| | 1920 | 32.2 | 980 |
| **15** Tu | 0233 | 14.8 | 450 |
| | 0831 | 30.8 | 940 |
| | 1410 | 16.4 | 500 |
| | 2012 | 31.8 | 970 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** W | 0339 | 13.5 | 410 |
| | 0916 | 31.5 | 960 |
| | 1514 | 15.4 | 470 |
| | 2103 | 32.2 | 980 |
| **17** Th | 0412 | 12.1 | 370 |
| | 0954 | 32.2 | 980 |
| | 1607 | 14.1 | 430 |
| | 2150 | 32.8 | 1000 |
| **18** F ○ | 0446 | 10.5 | 320 |
| | 1033 | 33.1 | 1010 |
| | 1652 | 12.5 | 380 |
| | 2235 | 33.8 | 1030 |
| **19** Sa | 0525 | 8.9 | 270 |
| | 1112 | 34.1 | 1040 |
| | 1736 | 10.8 | 330 |
| | 2319 | 35.1 | 1070 |
| **20** Su | 0606 | 7.2 | 220 |
| | 1153 | 35.4 | 1080 |
| | 1819 | 9.2 | 280 |
| **21** M | 0003 | 36.1 | 1100 |
| | 0648 | 5.9 | 180 |
| | 1234 | 36.4 | 1110 |
| | 1901 | 7.9 | 240 |
| **22** Tu | 0047 | 37.1 | 1130 |
| | 0730 | 5.2 | 160 |
| | 1316 | 37.4 | 1140 |
| | 1944 | 7.5 | 230 |
| **23** W | 0131 | 37.7 | 1150 |
| | 0812 | 5.6 | 170 |
| | 1359 | 37.4 | 1140 |
| | 2027 | 7.9 | 240 |
| **24** Th | 0216 | 37.4 | 1140 |
| | 0856 | 6.9 | 210 |
| | 1444 | 37.4 | 1140 |
| | 2112 | 8.9 | 270 |
| **25** F ◑ | 0305 | 36.4 | 1110 |
| | 0943 | 8.9 | 270 |
| | 1531 | 36.4 | 1110 |
| | 2202 | 10.5 | 320 |
| **26** Sa | 0400 | 35.1 | 1070 |
| | 1034 | 11.2 | 340 |
| | 1625 | 35.4 | 1080 |
| | 2300 | 12.1 | 370 |
| **27** Su | 0504 | 33.5 | 1020 |
| | 1135 | 13.1 | 400 |
| | 1726 | 34.1 | 1040 |
| **28** M | 0012 | 12.8 | 390 |
| | 0618 | 32.8 | 1000 |
| | 1250 | 14.4 | 440 |
| | 1837 | 33.8 | 1030 |
| **29** Tu | 0139 | 12.5 | 380 |
| | 0739 | 33.1 | 1010 |
| | 1410 | 13.8 | 420 |
| | 1954 | 34.1 | 1040 |
| **30** W | 0255 | 10.2 | 310 |
| | 0852 | 34.4 | 1050 |
| | 1520 | 12.1 | 370 |
| | 2104 | 35.4 | 1080 |
| **31** Th | 0357 | 7.5 | 230 |
| | 0950 | 36.1 | 1100 |
| | 1618 | 9.8 | 300 |
| | 2203 | 36.7 | 1120 |

## August

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** F ● | 0451 | 4.9 | 150 |
| | 1040 | 37.4 | 1140 |
| | 1710 | 7.5 | 230 |
| | 2253 | 38.1 | 1160 |
| **2** Sa | 0539 | 3.0 | 90 |
| | 1126 | 38.4 | 1170 |
| | 1756 | 6.2 | 190 |
| | 2339 | 39.0 | 1190 |
| **3** Su | 0623 | 2.0 | 60 |
| | 1208 | 39.0 | 1190 |
| | 1840 | 5.2 | 160 |
| **4** M | 0021 | 39.4 | 1200 |
| | 0705 | 2.0 | 60 |
| | 1247 | 39.0 | 1190 |
| | 1920 | 5.2 | 160 |
| **5** Tu | 0102 | 39.0 | 1190 |
| | 0744 | 3.0 | 90 |
| | 1324 | 39.0 | 1190 |
| | 1958 | 5.9 | 180 |
| **6** W | 0140 | 38.4 | 1170 |
| | 0820 | 4.9 | 150 |
| | 1400 | 38.1 | 1160 |
| | 2032 | 7.5 | 230 |
| **7** Th | 0218 | 37.1 | 1130 |
| | 0852 | 7.2 | 220 |
| | 1435 | 37.1 | 1130 |
| | 2102 | 9.5 | 290 |
| **8** F ◐ | 0257 | 35.1 | 1070 |
| | 0921 | 10.2 | 310 |
| | 1513 | 35.4 | 1080 |
| | 2133 | 11.5 | 350 |
| **9** Sa | 0340 | 33.1 | 1010 |
| | 0953 | 12.8 | 390 |
| | 1554 | 33.8 | 1030 |
| | 2211 | 13.5 | 410 |
| **10** Su | 0428 | 31.2 | 950 |
| | 1033 | 15.1 | 460 |
| | 1640 | 32.2 | 980 |
| | 2256 | 14.8 | 450 |
| **11** M | 0523 | 29.9 | 910 |
| | 1121 | 16.7 | 510 |
| | 1732 | 30.5 | 930 |
| | 2350 | 15.7 | 480 |
| **12** Tu | 0628 | 29.2 | 890 |
| | 1217 | 17.4 | 530 |
| | 1831 | 29.9 | 910 |
| **13** W | 0056 | 15.7 | 480 |
| | 0739 | 29.5 | 900 |
| | 1322 | 17.1 | 520 |
| | 1934 | 30.2 | 920 |
| **14** Th | 0219 | 14.1 | 430 |
| | 0835 | 30.5 | 930 |
| | 1431 | 15.4 | 470 |
| | 2033 | 31.2 | 950 |
| **15** F | 0320 | 12.1 | 370 |
| | 0918 | 32.2 | 980 |
| | 1529 | 13.1 | 400 |
| | 2125 | 32.8 | 1000 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Sa ○ | 0407 | 9.8 | 300 |
| | 1002 | 34.1 | 1040 |
| | 1619 | 10.8 | 330 |
| | 2212 | 34.8 | 1060 |
| **17** Su | 0452 | 7.5 | 230 |
| | 1044 | 35.8 | 1090 |
| | 1706 | 8.5 | 260 |
| | 2258 | 36.7 | 1120 |
| **18** M | 0537 | 5.6 | 170 |
| | 1126 | 37.4 | 1140 |
| | 1752 | 6.9 | 210 |
| | 2343 | 38.4 | 1170 |
| **19** Tu | 0621 | 4.6 | 140 |
| | 1209 | 38.7 | 1180 |
| | 1837 | 5.9 | 180 |
| **20** W | 0027 | 39.4 | 1200 |
| | 0705 | 4.3 | 130 |
| | 1251 | 39.4 | 1200 |
| | 1920 | 5.6 | 170 |
| **21** Th | 0112 | 39.7 | 1210 |
| | 0749 | 4.9 | 150 |
| | 1334 | 39.4 | 1200 |
| | 2006 | 6.6 | 200 |
| **22** F | 0158 | 38.7 | 1180 |
| | 0834 | 6.9 | 210 |
| | 1418 | 38.4 | 1170 |
| | 2052 | 7.9 | 240 |
| **23** Sa ◑ | 0246 | 37.1 | 1130 |
| | 0921 | 9.5 | 290 |
| | 1504 | 36.7 | 1120 |
| | 2143 | 10.2 | 310 |
| **24** Su | 0341 | 35.1 | 1070 |
| | 1014 | 12.5 | 380 |
| | 1556 | 34.8 | 1060 |
| | 2246 | 12.1 | 370 |
| **25** M | 0446 | 32.8 | 1000 |
| | 1123 | 14.4 | 440 |
| | 1701 | 33.1 | 1010 |
| **26** Tu | 0013 | 12.8 | 390 |
| | 0615 | 31.8 | 970 |
| | 1251 | 15.1 | 460 |
| | 1831 | 32.2 | 980 |
| **27** W | 0140 | 11.5 | 350 |
| | 0742 | 32.8 | 1000 |
| | 1407 | 13.5 | 410 |
| | 1958 | 33.5 | 1020 |
| **28** Th | 0245 | 9.2 | 280 |
| | 0843 | 34.8 | 1060 |
| | 1507 | 11.2 | 340 |
| | 2100 | 35.4 | 1080 |
| **29** F | 0339 | 6.6 | 200 |
| | 0934 | 36.7 | 1120 |
| | 1559 | 8.5 | 260 |
| | 2150 | 37.4 | 1140 |
| **30** Sa ● | 0428 | 4.3 | 130 |
| | 1018 | 38.1 | 1160 |
| | 1646 | 6.6 | 200 |
| | 2235 | 38.7 | 1180 |
| **31** Su | 0513 | 3.0 | 90 |
| | 1100 | 39.0 | 1190 |
| | 1731 | 5.2 | 160 |
| | 2317 | 39.7 | 1210 |

## September

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **1** M | 0556 | 2.6 | 80 |
| | 1138 | 39.7 | 1210 |
| | 1812 | 4.9 | 150 |
| | 2356 | 39.7 | 1210 |
| **2** Tu | 0635 | 3.3 | 100 |
| | 1214 | 39.7 | 1210 |
| | 1851 | 5.2 | 160 |
| **3** W | 0033 | 39.0 | 1190 |
| | 0712 | 4.6 | 140 |
| | 1248 | 39.0 | 1190 |
| | 1925 | 6.2 | 190 |
| **4** Th | 0108 | 38.1 | 1160 |
| | 0743 | 6.9 | 210 |
| | 1321 | 38.1 | 1160 |
| | 1954 | 7.9 | 240 |
| **5** F | 0144 | 36.4 | 1110 |
| | 0810 | 9.5 | 290 |
| | 1354 | 36.7 | 1120 |
| | 2021 | 9.8 | 300 |
| **6** Sa | 0221 | 34.4 | 1050 |
| | 0839 | 11.8 | 360 |
| | 1430 | 34.8 | 1060 |
| | 2053 | 11.8 | 360 |
| **7** Su ◐ | 0301 | 32.5 | 990 |
| | 0912 | 14.4 | 440 |
| | 1509 | 32.8 | 1000 |
| | 2131 | 13.8 | 420 |
| **8** M | 0346 | 30.5 | 930 |
| | 0953 | 16.4 | 500 |
| | 1553 | 30.8 | 940 |
| | 2216 | 15.1 | 460 |
| **9** Tu | 0439 | 28.9 | 880 |
| | 1042 | 17.4 | 530 |
| | 1645 | 29.2 | 890 |
| | 2311 | 15.7 | 480 |
| **10** W | 0544 | 28.2 | 860 |
| | 1140 | 17.7 | 540 |
| | 1749 | 28.5 | 870 |
| **11** Th | 0020 | 15.4 | 470 |
| | 0656 | 28.9 | 880 |
| | 1250 | 16.7 | 510 |
| | 1901 | 29.2 | 890 |
| **12** F | 0140 | 13.8 | 420 |
| | 0755 | 30.8 | 940 |
| | 1359 | 14.4 | 440 |
| | 2006 | 31.5 | 960 |
| **13** Sa | 0238 | 11.2 | 340 |
| | 0843 | 33.1 | 1010 |
| | 1455 | 11.8 | 360 |
| | 2059 | 33.8 | 1030 |
| **14** Su | 0330 | 8.5 | 260 |
| | 0929 | 35.8 | 1090 |
| | 1546 | 8.9 | 270 |
| | 2147 | 36.4 | 1110 |
| **15** M ○ | 0417 | 6.2 | 190 |
| | 1013 | 38.1 | 1160 |
| | 1635 | 6.9 | 210 |
| | 2234 | 38.7 | 1180 |

| | Time | Height | |
|---|---|---|---|
| | h m | ft | cm |
| **16** Tu | 0506 | 4.9 | 150 |
| | 1057 | 39.7 | 1210 |
| | 1723 | 5.2 | 160 |
| | 2319 | 40.4 | 1230 |
| **17** W | 0553 | 4.3 | 130 |
| | 1141 | 40.7 | 1240 |
| | 1811 | 4.6 | 140 |
| **18** Th | 0004 | 40.7 | 1240 |
| | 0639 | 4.6 | 140 |
| | 1224 | 41.0 | 1250 |
| | 1859 | 4.6 | 140 |
| **19** F | 0051 | 40.4 | 1230 |
| | 0726 | 5.9 | 180 |
| | 1308 | 40.4 | 1230 |
| | 1946 | 5.9 | 180 |
| **20** Sa | 0138 | 39.0 | 1190 |
| | 0813 | 7.9 | 240 |
| | 1352 | 38.7 | 1180 |
| | 2037 | 7.5 | 230 |
| **21** Su | 0228 | 36.7 | 1120 |
| | 0904 | 10.8 | 330 |
| | 1439 | 36.4 | 1110 |
| | 2133 | 9.8 | 300 |
| **22** M ◑ | 0325 | 34.1 | 1040 |
| | 1004 | 13.1 | 400 |
| | 1534 | 33.8 | 1030 |
| | 2248 | 11.5 | 350 |
| **23** Tu | 0442 | 32.5 | 990 |
| | 1124 | 14.8 | 450 |
| | 1652 | 31.8 | 970 |
| **24** W | 0013 | 11.5 | 350 |
| | 0619 | 32.2 | 980 |
| | 1245 | 14.1 | 430 |
| | 1837 | 32.2 | 980 |
| **25** Th | 0125 | 9.8 | 300 |
| | 0729 | 33.8 | 1030 |
| | 1350 | 12.1 | 370 |
| | 1949 | 33.8 | 1030 |
| **26** F | 0223 | 7.9 | 240 |
| | 0822 | 35.8 | 1090 |
| | 1445 | 9.8 | 300 |
| | 2042 | 36.1 | 1100 |
| **27** Sa | 0313 | 5.9 | 180 |
| | 0909 | 37.4 | 1140 |
| | 1534 | 7.9 | 240 |
| | 2129 | 37.7 | 1150 |
| **28** Su | 0400 | 4.6 | 140 |
| | 0951 | 38.7 | 1180 |
| | 1620 | 6.2 | 190 |
| | 2211 | 39.0 | 1190 |
| **29** M ● | 0444 | 3.9 | 120 |
| | 1030 | 39.7 | 1210 |
| | 1703 | 5.2 | 160 |
| | 2251 | 39.4 | 1200 |
| **30** Tu | 0525 | 4.3 | 130 |
| | 1106 | 40.0 | 1220 |
| | 1744 | 5.2 | 160 |
| | 2328 | 39.0 | 1190 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# Punta Loyola, Argentina, 2008

Times and Heights of High and Low Waters

## October

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** W | 0604 | 5.6 170 | **16** Th | 0527 | 4.9 150 |
| | 1139 | 39.7 1210 | | 1114 | 41.7 1270 |
| | 1820 | 6.2 190 | | 1749 | 4.3 130 |
| | | | | 2344 | 41.0 1250 |
| **2** Th | 0003 | 38.1 1160 | **17** F | 0617 | 5.6 170 |
| | 0638 | 7.2 220 | | 1159 | 41.3 1260 |
| | 1211 | 38.7 1180 | | 1841 | 4.6 140 |
| | 1854 | 7.5 230 | | | |
| **3** F | 0037 | 36.7 1120 | **18** Sa | 0032 | 40.0 1220 |
| | 0707 | 9.5 290 | | 0707 | 7.2 220 |
| | 1243 | 37.4 1140 | | 1245 | 40.0 1220 |
| | 1920 | 8.9 270 | | 1934 | 5.6 170 |
| **4** Sa | 0112 | 35.1 1070 | **19** Su | 0122 | 38.4 1170 |
| | 0733 | 11.5 350 | | 0759 | 8.9 270 |
| | 1317 | 35.4 1080 | | 1331 | 38.1 1160 |
| | 1948 | 10.5 320 | | 2029 | 7.2 220 |
| **5** Su | 0148 | 33.1 1010 | **20** M | 0215 | 36.1 1100 |
| | 0804 | 13.5 410 | | 0855 | 10.8 330 |
| | 1352 | 33.5 1020 | | 1422 | 35.8 1090 |
| | 2020 | 12.1 370 | | 2132 | 8.9 270 |
| **6** M | 0228 | 31.5 960 | **21** Tu ◑ | 0318 | 34.1 1040 |
| | 0839 | 15.4 470 | | 1000 | 12.8 390 |
| | 1430 | 31.5 960 | | 1523 | 33.5 1020 |
| | 2100 | 13.8 420 | | 2244 | 9.8 300 |
| **7** Tu ◐ | 0311 | 29.9 910 | **22** W | 0439 | 32.8 1000 |
| | 0922 | 16.4 500 | | 1113 | 13.5 410 |
| | 1512 | 29.9 910 | | 1654 | 32.2 980 |
| | 2146 | 14.8 450 | | 2355 | 9.8 300 |
| **8** W | 0402 | 28.5 870 | **23** Th | 0600 | 33.1 1010 |
| | 1010 | 17.1 520 | | 1222 | 12.8 390 |
| | 1603 | 28.5 870 | | 1821 | 32.8 1000 |
| | 2243 | 15.1 460 | | | |
| **9** Th | 0506 | 28.5 870 | **24** F | 0058 | 8.9 270 |
| | 1112 | 17.1 520 | | 0702 | 34.4 1050 |
| | 1712 | 28.5 870 | | 1323 | 11.2 340 |
| | 2356 | 14.4 440 | | 1924 | 34.4 1050 |
| **10** F | 0617 | 29.5 900 | **25** Sa | 0153 | 7.5 230 |
| | 1223 | 15.4 470 | | 0753 | 36.1 1100 |
| | 1832 | 29.9 910 | | 1417 | 9.5 290 |
| | | | | 2016 | 36.1 1100 |
| **11** Sa | 0107 | 12.8 390 | **26** Su | 0243 | 6.6 200 |
| | 0718 | 31.8 970 | | 0839 | 37.7 1150 |
| | 1328 | 13.1 400 | | 1506 | 7.9 240 |
| | 1937 | 32.2 980 | | 2102 | 37.4 1140 |
| **12** Su | 0205 | 10.2 310 | **27** M | 0330 | 6.2 190 |
| | 0809 | 34.4 1050 | | 0920 | 38.7 1180 |
| | 1423 | 10.5 320 | | 1553 | 6.9 210 |
| | 2031 | 35.1 1070 | | 2145 | 38.4 1170 |
| **13** M | 0256 | 7.9 240 | **28** Tu ● | 0414 | 6.2 190 |
| | 0857 | 37.1 1130 | | 0958 | 39.4 1200 |
| | 1515 | 7.9 240 | | 1637 | 6.6 200 |
| | 2121 | 37.7 1150 | | 2225 | 38.4 1170 |
| **14** Tu ○ | 0346 | 6.2 190 | **29** W | 0455 | 6.9 210 |
| | 0943 | 39.4 1200 | | 1032 | 39.4 1200 |
| | 1607 | 5.9 180 | | 1718 | 6.6 200 |
| | 2209 | 39.7 1210 | | 2301 | 38.1 1160 |
| **15** W | 0436 | 5.2 160 | **30** Th | 0533 | 8.2 250 |
| | 1029 | 41.0 1250 | | 1104 | 38.7 1180 |
| | 1658 | 4.6 140 | | 1754 | 7.5 230 |
| | 2256 | 41.0 1250 | | 2335 | 37.1 1130 |
| | | | **31** F | 0606 | 9.8 300 |
| | | | | 1137 | 37.4 1140 |
| | | | | 1826 | 8.5 260 |

## November

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** Sa | 0009 | 35.4 1080 | **16** Su | 0019 | 39.4 1200 |
| | 0634 | 11.5 350 | | 0656 | 7.5 230 |
| | 1210 | 36.1 1100 | | 1228 | 39.4 1200 |
| | 1852 | 9.8 300 | | 1928 | 4.9 150 |
| **2** Su | 0044 | 34.1 1040 | **17** M | 0111 | 37.7 1150 |
| | 0703 | 12.8 390 | | 0751 | 8.9 270 |
| | 1244 | 34.1 1040 | | 1318 | 37.7 1150 |
| | 1921 | 10.8 330 | | 2024 | 5.6 170 |
| **3** M | 0120 | 32.5 990 | **18** Tu | 0206 | 36.1 1100 |
| | 0736 | 14.1 430 | | 0846 | 9.8 300 |
| | 1320 | 32.5 990 | | 1412 | 35.8 1090 |
| | 1957 | 11.8 360 | | 2122 | 6.9 210 |
| **4** Tu | 0158 | 31.2 950 | **19** W ◑ | 0307 | 34.8 1060 |
| | 0814 | 15.1 460 | | 0943 | 10.8 330 |
| | 1357 | 31.2 950 | | 1516 | 34.1 1040 |
| | 2037 | 12.8 390 | | 2222 | 7.9 240 |
| **5** W | 0241 | 30.2 920 | **20** Th | 0414 | 33.8 1030 |
| | 0856 | 15.4 470 | | 1045 | 11.8 360 |
| | 1438 | 30.2 920 | | 1632 | 33.1 1010 |
| | 2124 | 13.5 410 | | 2322 | 8.5 260 |
| **6** Th ◐ | 0330 | 29.5 900 | **21** F | 0521 | 33.8 1030 |
| | 0945 | 15.7 480 | | 1147 | 11.8 360 |
| | 1528 | 29.5 900 | | 1745 | 33.1 1010 |
| | 2221 | 13.8 420 | | | |
| **7** F | 0431 | 29.5 900 | **22** Sa | 0020 | 8.9 270 |
| | 1045 | 15.4 470 | | 0622 | 34.4 1050 |
| | 1640 | 29.5 900 | | 1247 | 11.5 350 |
| | 2328 | 13.5 410 | | 1849 | 34.1 1040 |
| **8** Sa | 0538 | 30.8 940 | **23** Su | 0116 | 8.9 270 |
| | 1152 | 14.4 440 | | 0715 | 35.4 1080 |
| | 1759 | 30.8 940 | | 1344 | 10.5 320 |
| | | | | 1945 | 35.1 1070 |
| **9** Su | 0033 | 12.1 370 | **24** M | 0208 | 8.9 270 |
| | 0640 | 32.8 1000 | | 0804 | 36.7 1120 |
| | 1255 | 12.5 380 | | 1438 | 9.5 290 |
| | 1904 | 33.1 1010 | | 2035 | 36.1 1100 |
| **10** M | 0131 | 10.2 310 | **25** Tu | 0259 | 8.9 270 |
| | 0735 | 35.4 1080 | | 0847 | 37.7 1150 |
| | 1353 | 10.2 310 | | 1529 | 8.5 260 |
| | 2002 | 35.8 1090 | | 2122 | 36.7 1120 |
| **11** Tu | 0225 | 8.5 260 | **26** W | 0346 | 9.2 280 |
| | 0826 | 37.7 1150 | | 0926 | 38.1 1160 |
| | 1448 | 7.9 240 | | 1617 | 8.2 250 |
| | 2055 | 38.1 1160 | | 2203 | 36.7 1120 |
| **12** W | 0318 | 7.2 220 | **27** Th ● | 0430 | 9.8 300 |
| | 0914 | 39.7 1210 | | 1001 | 37.7 1150 |
| | 1543 | 6.2 190 | | 1701 | 8.2 250 |
| | 2146 | 39.7 1210 | | 2240 | 36.4 1110 |
| **13** Th ○ | 0412 | 6.6 200 | **28** F | 0510 | 10.8 330 |
| | 1003 | 41.0 1250 | | 1034 | 37.1 1130 |
| | 1639 | 5.2 160 | | 1739 | 8.5 260 |
| | 2237 | 40.4 1230 | | 2314 | 35.4 1080 |
| **14** F | 0507 | 6.6 200 | **29** Sa | 0543 | 11.5 350 |
| | 1051 | 41.3 1260 | | 1108 | 35.8 1090 |
| | 1735 | 4.6 140 | | 1808 | 9.2 280 |
| | 2328 | 40.0 1220 | | 2346 | 34.4 1050 |
| **15** Sa | 0602 | 6.9 210 | **30** Su | 0611 | 12.1 370 |
| | 1139 | 40.7 1240 | | 1143 | 34.8 1060 |
| | 1832 | 4.3 130 | | 1834 | 9.5 290 |

## December

| | Time | Height | | Time | Height |
|---|---|---|---|---|---|
| | h m | ft cm | | h m | ft cm |
| **1** M | 0020 | 33.5 1020 | **16** Tu | 0102 | 38.1 1160 |
| | 0642 | 12.8 390 | | 0739 | 7.2 220 |
| | 1220 | 33.8 1030 | | 1311 | 38.1 1160 |
| | 1906 | 10.2 310 | | 2010 | 3.6 110 |
| **2** Tu | 0057 | 32.8 1000 | **17** W | 0152 | 37.4 1140 |
| | 0717 | 13.1 400 | | 0828 | 7.9 240 |
| | 1257 | 32.8 1000 | | 1402 | 37.1 1130 |
| | 1942 | 10.5 320 | | 2059 | 4.9 150 |
| **3** W | 0135 | 32.2 980 | **18** Th | 0242 | 36.1 1100 |
| | 0755 | 13.1 400 | | 0916 | 8.9 270 |
| | 1335 | 32.2 980 | | 1455 | 35.8 1090 |
| | 2021 | 10.8 330 | | 2148 | 6.6 200 |
| **4** Th | 0216 | 31.8 970 | **19** F ◑ | 0334 | 35.1 1070 |
| | 0835 | 13.5 410 | | 1006 | 10.2 310 |
| | 1416 | 31.8 970 | | 1553 | 34.4 1050 |
| | 2107 | 11.5 350 | | 2239 | 8.5 260 |
| **5** F ◐ | 0302 | 31.5 960 | **20** Sa | 0429 | 34.4 1050 |
| | 0922 | 13.5 410 | | 1101 | 11.5 350 |
| | 1505 | 31.5 960 | | 1654 | 33.5 1020 |
| | 2159 | 11.8 360 | | 2333 | 10.2 310 |
| **6** Sa | 0356 | 31.5 960 | **21** Su | 0527 | 34.1 1040 |
| | 1017 | 13.8 420 | | 1201 | 12.1 370 |
| | 1611 | 31.5 960 | | 1802 | 33.1 1010 |
| | 2257 | 12.1 370 | | | |
| **7** Su | 0458 | 32.5 990 | **22** M | 0030 | 11.5 350 |
| | 1119 | 13.5 410 | | 0625 | 34.4 1050 |
| | 1725 | 32.2 980 | | 1306 | 12.5 380 |
| | 2358 | 12.1 370 | | 1910 | 33.5 1020 |
| **8** M | 0601 | 33.5 1020 | **23** Tu | 0132 | 12.5 380 |
| | 1223 | 12.5 380 | | 0721 | 34.8 1060 |
| | 1833 | 33.5 1020 | | 1412 | 11.8 360 |
| | | | | 2012 | 34.1 1040 |
| **9** Tu | 0058 | 11.5 350 | **24** W | 0232 | 12.5 380 |
| | 0701 | 35.4 1080 | | 0813 | 35.1 1070 |
| | 1326 | 10.8 330 | | 1514 | 10.8 330 |
| | 1935 | 35.1 1070 | | 2108 | 34.4 1050 |
| **10** W | 0158 | 10.5 320 | **25** Th | 0328 | 12.5 380 |
| | 0757 | 37.1 1130 | | 0858 | 35.4 1080 |
| | 1427 | 9.2 280 | | 1606 | 10.2 310 |
| | 2034 | 36.7 1120 | | 2154 | 34.8 1060 |
| **11** Th | 0258 | 9.5 290 | **26** F | 0417 | 12.5 380 |
| | 0851 | 38.4 1170 | | 0937 | 35.1 1070 |
| | 1530 | 7.5 230 | | 1650 | 9.5 290 |
| | 2131 | 38.1 1160 | | 2228 | 34.8 1060 |
| **12** F ○ | 0358 | 8.9 270 | **27** Sa ● | 0456 | 12.1 370 |
| | 0945 | 39.4 1200 | | 1012 | 34.8 1060 |
| | 1632 | 5.9 180 | | 1724 | 9.2 280 |
| | 2225 | 39.0 1190 | | 2256 | 34.4 1050 |
| **13** Sa | 0458 | 7.9 240 | **28** Su | 0525 | 12.1 370 |
| | 1037 | 39.7 1210 | | 1048 | 34.4 1050 |
| | 1732 | 4.6 140 | | 1750 | 8.9 270 |
| | 2319 | 39.0 1190 | | 2327 | 34.4 1050 |
| **14** Su | 0555 | 7.2 220 | **29** M | 0552 | 11.5 350 |
| | 1129 | 39.7 1210 | | 1125 | 34.1 1040 |
| | 1828 | 3.6 110 | | 1817 | 8.5 260 |
| **15** M | 0011 | 39.0 1190 | **30** Tu | 0000 | 34.1 1040 |
| | 0648 | 6.9 210 | | 0624 | 11.2 340 |
| | 1220 | 39.0 1190 | | 1203 | 34.1 1040 |
| | 1920 | 3.3 100 | | 1849 | 8.2 250 |
| | | | **31** W | 0036 | 34.1 1040 |
| | | | | 0659 | 10.8 330 |
| | | | | 1241 | 34.4 1050 |
| | | | | 1926 | 8.2 250 |

Time meridian 45° W. 0000 is midnight. 1200 is noon. Times are not adjusted for Daylight Saving Time.
Heights are referred to the chart datum of soundings.

# EXTRA TIDES, 2008

## Rio de Janeiro, Brazil

February

| | | | |
|---|---|---|---|
| 13 | 2219 | 2.6 | 80 |
| | 2349 | 2.6 | 80 |
| 14 | 1958 | 3.0 | 90 |
| | 2156 | 2.6 | 80 |
| 15 | 1702 | 1.3 | 40 |
| 16 | 1815 | 1.0 | 30 |
| 28 | 1419 | 2.0 | 60 |
| | 1904 | 3.0 | 90 |
| | 2213 | 2.6 | 80 |

March

| | | | |
|---|---|---|---|
| 1 | 1706 | 1.6 | 50 |
| 13 | 1823 | 3.3 | 100 |
| | 2115 | 2.6 | 80 |
| | 2358 | 3.3 | 100 |
| 14 | 2056 | 2.6 | 80 |
| 15 | 1654 | 1.6 | 50 |
| 28 | 1834 | 3.0 | 90 |
| | 2141 | 2.6 | 80 |
| 29 | 2056 | 3.0 | 90 |
| 30 | 1624 | 1.6 | 50 |

April

| | | | |
|---|---|---|---|
| 10 | 2241 | 3.0 | 90 |
| 11 | 1817 | 3.3 | 100 |
| | 2041 | 3.0 | 90 |
| | 2341 | 3.3 | 100 |
| 13 | 1632 | 1.3 | 40 |
| 14 | 1739 | 1.3 | 40 |
| 26 | 2321 | 3.0 | 90 |
| 27 | 2349 | 3.3 | 100 |

May

| | | | |
|---|---|---|---|
| 9 | 2200 | 3.0 | 90 |
| 10 | 2306 | 3.3 | 100 |

June

| | | | |
|---|---|---|---|
| 9 | 2336 | 2.6 | 80 |

July

| | | | |
|---|---|---|---|
| 10 | 1941 | 2.6 | 80 |
| 11 | 1651 | 2.0 | 60 |
| | 2047 | 2.6 | 80 |

August

| | | | |
|---|---|---|---|
| 8 | 2317 | 1.6 | 50 |
| 9 | 1606 | 2.3 | 70 |
| | 1934 | 2.6 | 80 |
| 10 | 2104 | 2.3 | 70 |
| 24 | 1602 | 2.0 | 60 |
| | 1904 | 2.6 | 80 |
| | 2247 | 2.0 | 60 |
| 25 | 2245 | 2.0 | 60 |

September

| | | | |
|---|---|---|---|
| 7 | 1836 | 2.6 | 80 |
| 21 | 1751 | 3.0 | 90 |
| | 2202 | 1.6 | 50 |
| | 2356 | 1.6 | 50 |
| 22 | 1832 | 2.6 | 80 |
| | 2208 | 2.0 | 60 |
| 23 | 2202 | 2.3 | 70 |

October

| | | | |
|---|---|---|---|
| 6 | 1800 | 2.6 | 80 |
| 20 | 1732 | 3.0 | 90 |
| | 2256 | 1.6 | 50 |
| 21 | 2324 | 2.0 | 60 |

November

| | | | |
|---|---|---|---|
| 18 | 1732 | 3.0 | 90 |

## Santos, Brazil

January

| | | | |
|---|---|---|---|
| 31 | 2245 | 3.3 | 100 |

April

| | | | |
|---|---|---|---|
| 12 | 2341 | 4.3 | 130 |
| 28 | 2234 | 3.9 | 120 |

May

| | | | |
|---|---|---|---|
| 27 | 2043 | 3.9 | 120 |

June

| | | | |
|---|---|---|---|
| 25 | 1924 | 3.6 | 110 |
| 26 | 2011 | 3.3 | 100 |

July

| | | | |
|---|---|---|---|
| 12 | 2123 | 2.6 | 80 |

August

| | | | |
|---|---|---|---|
| 10 | 2138 | 2.3 | 70 |
| 23 | 1802 | 3.0 | 90 |
| | 2349 | 2.0 | 60 |

September

| | | | |
|---|---|---|---|
| 21 | 2241 | 2.0 | 60 |

October

| | | | |
|---|---|---|---|
| 6 | 2215 | 2.0 | 60 |
| 7 | 2309 | 2.6 | 80 |

November

| | | | |
|---|---|---|---|
| 4 | 2100 | 2.3 | 70 |
| 5 | 2208 | 2.6 | 80 |

December

| | | | |
|---|---|---|---|
| 4 | 2111 | 3.0 | 90 |
| 5 | 2208 | 3.3 | 100 |

# TABLE 2. - TIDAL DIFFERENCES AND OTHER CONSTANTS

## EXPLANATION OF TABLE

The publication of full daily predictions is necessarily limited to a comparatively small number of stations. Tide predications for many other places, however, can be obtained by applying certain differences to the predictions for the reference stations in table 1. The following pages list the places called “subordinate stations” for which such predictions can be made, and the differences or ratios to be used. These differences or ratios are to be applied to the predictions for the proper reference station which is listed in table 2 in boldface type above the differences for the subordinate station. The stations in this table are arranged in geographical order. The index to stations at the end of this volume will assist in locating a particular station.

**Caution.—** The time and height differences listed in Table 2 are average difference derived from comparisons of simultaneous tide observations at the subordinate location and its reference station. Because these figures are constant, they may not always provide for the daily variations of the actual tide, especially if the subordinate station is some distance from the reference station. Therefore, although the application of the time and height differences will generally provide reasonable accurate approximations, they cannot result in predictions as accurate as those listed for the reference stations which are based upon much larger periods of analyses and which do provide for daily variations.

**Time differences.—**To determine the time of high water or low water at any station listed in this table there is given in the columns headed “Differences, Time” the hours and minutes to be added to or subtracted from the time of high or low water at some reference station. A plus (+) sign indicates that the tide at the subordinate station is later than at the reference station and the difference should be added; a minus (–) sign indicates that it is earlier and should be subtracted.

To obtain the tide at a subordinate station on any date, apply the difference to the tide at the reference station for that same date. In some cases, however, to obtain an a.m. tide it may be necessary to use the preceding day’s p.m. tide at the reference station ( or to obtain a p.m. tide it may be necessary to use the following day’s a.m. tide). For example, if a high water at a reference station occurs at 0200 on July 17, and the tide at the subordinate station occurs 5 hour earlier, the high water at the subordinate station will occur at 2100 on July 16. For the second case, if a high water occurs at a reference station at 2200 on July 2, and the tide at the subordinate station occurs 3 hours later, then high water will occur at 0100 on July 3 at the subordinate station. The necessary allowance for change in date when the international date line is crossed is included in the time difference. In such cases use the same date at the reference station as desired for the subordinate station as explained above.

The results obtained by the application of the time differences will be in the kind of time indicated by the time meridian shown above the name of the subordinate station. Differences in time meridians between a subordinate station and its reference station have been accounted for and no further adjustment by the reader is necessary. Summer or daylight-saving time is not used in the tide tables.

**Height differences.—**The height of the tide, referred to the datum of charts, is obtained by means of the height differences or ratios. A plus (+) sign indicates that the difference should be added to the height at the reference station, and a minus (–) sign indicates that it should be subtracted. All height differences, ranges, and levels in Table 2 are in feet but may be converted to centimeters by the use of table 7.

**Ratio. —** For some stations, use of predicted height difference would give unsatisfactory predictions. In such cases they have been omitted and one or two ratios are given (*). Where two ratios are given, one in the “height of high water” column and one in the “height of low water” column, the high waters and

## TABLE 2. - TIDAL DIFFERENCES AND OTHER CONSTANTS

low waters at the reference station should be multiplied by these respective ratios. Where only one is given, the omitted ratio is either unreliable or unknown.

For some subordinate stations there is given in parentheses a ratio as well as a correction in feet. In those instances, each predicted high and low water at the reference station should first be multiplied by the ratio and then the correction in feet is added to or subtracted from each product as indicated.

As an example, at Port of Spain, Trinidad, the values in the time and height difference columns in Table 2 are given as -0 44, -1 12, and (*0.31 + 1.4) as referred to the reference station at Punta Gorda, Venezuela. If we assume that the tide predictions in column (1) below are those of Ketchikan on a particular day, application of the time and height correction in columns (2) and (3) would result in the tide predications for Treadwell Bay in column (4).

| (1) | | (2) | (3) | (4) | | |
|---|---|---|---|---|---|---|
| *Time* h.m. | *Height* ft. | *Time* Corrections | *Height* Corrections | *Time* h.m. | ft. | *Height* centimeters |
| 0326 | 0.6 | -1 12 | x0.31 + 1.4 | 0214 | 1.6 | 49 |
| 0900 | 5.1 | -0 44 | x0.31 + 1.4 | 0816 | 3.0 | 91 |
| 1608 | -0.3 | -1 12 | x0.31 + 1.4 | 1456 | 1.3 | 40 |
| 2148 | 5.4 | -0 44 | x0.31 + 1.4 | 2104 | 3.1 | 94 |

**Range. —**The *mean range* is the difference in height between mean high water (MHW) and mean low water (MLW). The *spring range* is the average semidiurnal range occurring semimonthly as a result of the Moon being new or full. It is larger than the mean range where the type of tide is either semidiurnal or mixed, and is of not practical significance where the type of tide is diurnal. Where the tide is chiefly of the diurnal type the table gives the *diurnal range*, which is the difference in height between mean higher high water and mean lower low water.

**Datum. —** The datum of the predications obtained through the height differences or ratios is also the datum of the largest scale chart for the locality. To obtain the depth at the time of high or low water, the predicted height should be added to the depth on the chart unless such height is negative (–), when it should be subtracted. To find the height at times between high and low water see table 3. On some charts the depths are given in meters or centimeters and in such cases the heights of the tide can be converted to other units by the use of table 7. Chart datums for the portion of the world covered by these tables are approximately as follows: *Mean lower low water* for the Pacific coast of the United States, Alaska, and the Hawaiian Islands, *mean low water springs* for Central American and Mexico. For the rest of the area covered by these tables the datums generally used are approximately *mean low water springs, Indian spring low water,* or the *lowest possible low water.*

**Mean Tide Level** (Half-Tide Level). — The mean tide level is a plane midway between mean low water and mean high water. Tabular values are reckoned from chart depth.

**Observations Supporting Predications.–** All tidal predictions made by the National Ocean Service are based upon observations taken at the location in question. For most reference stations these observations often are of a continuing nature. As such, they are used to quality control the predications and to update the harmonic constants used in generating annual predications. For subordinate stations, the age and duration of their observations vary from a few days of observation taken decades ago to the most recent survey data.

The precision with which the position, ranges and mean tide level are reported in Table 2 is an indication of the age and analytical history of the supporting observation. Stations whose position is reported to the nearest tenth minute of latitude and longitude and whose ranges and mean tide level are reported to the nearest hundredth foot are supported by the most recent observations, analyzed with regard to current chart datums and the 1960-1978 National Tidal Datum Epoch. Stations whose position

## TABLE 2. - TIDAL DIFFERENCES AND OTHER CONSTANTS

is reported to the nearest tenth minute but whose ranges and mean tide level are reported to the nearest tenth foot are typically supported by observations taken in the 1960's and 1970's with analysis based upon the 1941-1959 National Tidal Datum Epoch. Finally, stations whose positions are reported to the nearest minute and whose ranges and mean tide level are reported to the nearest tenth foot indicated either older supporting observations or simply data not yet reviewed and entered into the Tables with full published precision. NOS is in the continuous process of updating the Tables with all available data.

Old observations are not in and of themselves an indication of poor present predictions. Certain coastal areas do not undergo much human or natural modification while other coastal areas are subject to nearly constant modification by both agents. Local knowledge of conditions is still very important to the wise use of these astronomical predications.

NOTE. — Dashes are entered in the place of data which are unknown, unreliable, or not applicable.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **North** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | ARCTIC ARCHIPELAGO<br>Time meridian, local | | | **on Hampton Roads, p.120** | | | | | | |
| 1 | Princess Royal Islands | 72° 45' | 117° 45' | +3 14 | +3 32 | 0.0 | +0.2 | 2.3 | 3.0 | 1.4 |
| 3 | Mercy Bay, Banks Island | 74° 07' | 118° 15' | +4 05 | +4 05 | −0.8 | +0.1 | 1.6 | 2.0 | 1.0 |
| 5 | Winter Harbour, Melville Island | 74° 47' | 110° 48' | +4 44 | +4 40 | +0.2 | +0.2 | 2.5 | 3.2 | 1.6 |
| 7 | Bridport Inlet, Melville Island | 74° 56' | 108° 49' | +4 33 | +4 33 | +1.3 | +1.0 | 2.8 | 4.1 | 2.5 |
| 9 | Byam Martin Island | 75° 10' | 103° 34' | +3 42 | +3 42 | +1.8 | +1.5 | 2.8 | 3.7 | 3.0 |
| 11 | Cambridge Bay, Dease Strait | 69° 07' | 105° 07' | +2 35 | +2 30 | −0.4 | +1.2 | 1.0 | 1.3 | 1.7 |
| | Time meridian, 75° W | | | **on Harrington Harbour, p.12** | | | | | | |
| 13 | Igloolik, Fury and Hecla Strait | 69° 21' | 81° 37' | +9 12 | +9 12 | +1.6 | +0.8 | 4.6 | 6.0 | 4.7 |
| 15 | Hall Beach, Foxe Basin | 68° 45' | 81° 13' | +9 45 | +10 15 | (*0.45+0.5) | | 1.7 | 2.0 | 2.1 |
| | Time meridian, local | | | | | | | | | |
| 17 | Port Kennedy, Bellot Strait | 72° 01' | 94° 12' | +1 35 | +1 44 | +0.5 | +0.8 | 3.5 | 4.5 | 4.2 |
| 19 | Port Bowen, Prince Regent Inlet | 73° 14' | 88° 55' | +1 01 | +1 06 | +0.9 | +1.3 | 3.4 | 4.5 | 4.6 |
| 21 | Port Leopold, Prince Regent Inlet | 73° 48' | 90° 15' | +0 50 | +0 45 | +0.9 | +0.1 | 4.6 | 5.9 | 4.0 |
| 23 | Beechy Island, Barrow Strait | 74° 43' | 91° 54' | +1 30 | +1 35 | +1.0 | −0.1 | 4.9 | 6.4 | 4.0 |
| 25 | Assistance Bay, Barrow Strait | 74° 37' | 94° 15' | +1 56 | +1 57 | −0.1 | +0.6 | 3.1 | 4.1 | 3.8 |
| 27 | Griffith Island, Barrow Strait | 74° 35' | 95° 30' | +2 12 | +2 13 | −0.3 | +0.5 | 3.0 | 3.9 | 3.6 |
| 29 | Refuge Cove, Wellington Channel | 75° 31' | 92° 10' | +1 23 | +1 38 | +0.6 | +0.2 | 4.2 | 5.5 | 3.9 |
| 31 | Penny Strait | 76° 52' | 97° 00' | +1 53 | +2 03 | *0.39 | *0.38 | 1.5 | 1.9 | 1.4 |
| | | | | **on Hampton Roads, p.120** | | | | | | |
| 33 | Cape Columbia, Lincoln Sea | 83° 14' | 69° 55' | −0 55 | −0 55 | −1.8 | 0.0 | 0.8 | 1.1 | 0.5 |
| 35 | Alert, Lincoln Sea | 82° 30' | 62° 20' | +1 26 | +1 17 | −0.4 | +0.6 | 1.6 | 2.2 | 1.5 |
| 37 | Cape Sheridan, Lincoln Sea | 82° 29' | 61° 30' | +1 37 | +1 28 | −0.5 | +0.2 | 1.8 | 2.5 | 1.2 |
| 39 | Cape Bryant, North Greenland | 82° 21' | 55° 30' | +3 33 | +3 35 | −1.4 | +0.2 | 1.1 | 1.5 | 0.7 |
| 41 | Cape Morris Jesup, North Greenland | 83° 40' | 34° 15' | +1 51 | +1 43 | −2.0 | 0.0 | 0.4 | 0.6 | 0.3 |
| | GREENLAND, East Coast | | | **on Harrington Harbour, p.12** | | | | | | |
| 43 | Danmarks Havn | 76° 46' | 18° 46' | −12 41 | −12 32 | −0.8 | −0.6 | 3.6 | 4.7 | 2.8 |
| 45 | Cape Borgen | 75° 26' | 18° 05' | −11 04 | −11 03 | *0.80 | *0.81 | 3.0 | 3.9 | 2.8 |
| 47 | Lille Pendulum | 74° 37' | 18° 29' | −11 40 | −11 39 | *0.80 | *0.81 | 3.0 | 4.0 | 2.8 |
| 49 | Finsch Islands | 73° 59' | 21° 08' | −12 18 | −12 18 | *0.81 | *0.75 | 3.2 | 4.3 | 2.8 |
| 51 | Myggbukta, Foster Bay | 73° 28' | 21° 33' | −11 57 | −12 00 | −0.9 | −0.5 | 3.4 | 4.4 | 2.8 |
| 53 | Blomsterbugten | 73° 21' | 25° 17' | −12 15 | −12 27 | −0.4 | −0.3 | 3.7 | 4.8 | 3.2 |
| | Time meridian, 30° W | | | | | | | | | |
| 55 | Danmarks Island, Scoresby Sound | 70° 27' | 26° 12' | −11 45 | −11 45 | *0.63 | *0.62 | 2.4 | 3.3 | 2.2 |
| | Time meridian, 45° W | | | | | | | | | |
| 57 | Angmagssalik (Kulusuk) | 65° 36' | 37° 09' | −7 00 | −6 50 | (*1.71−0.8) | | 6.5 | 8.8 | 5.2 |
| | | | | **on Argentia, p.4** | | | | | | |
| 59 | Finnsbu | 63° 24' | 41° 17' | −4 09 | −3 42 | +0.8 | −0.4 | 6.1 | 8.1 | 4.6 |
| 61 | Kap Farvel | 59° 45' | 43° 53' | −2 21 | −1 53 | +0.2 | −0.9 | 6.0 | 8.0 | 4.0 |
| | GREENLAND, West Coast | | | | | | | | | |
| 63 | Frederiksdal | 60° 00' | 44° 40' | −2 10 | −1 41 | +1.5 | −0.7 | 7.1 | 9.5 | 4.7 |
| 65 | Nanortalik | 60° 07' | 45° 15' | −2 43 | −2 16 | +0.5 | −0.9 | 6.3 | 8.4 | 4.2 |
| 67 | Julianehaab | 60° 43' | 46° 01' | −2 09 | −1 46 | +0.3 | −0.9 | 6.1 | 8.0 | 4.0 |
| 69 | Narsarssuaq | 61° 08' | 45° 25' | −2 15 | −1 46 | +1.8 | +0.1 | 6.6 | 8.6 | 5.3 |
| 71 | Ivigtut, Arsuk Fjord | 61° 12' | 48° 11' | −1 49 | −1 24 | +0.7 | −0.9 | 6.5 | 8.6 | 4.3 |
| 73 | Frederikshaab | 62° 00' | 49° 43' | −1 22 | −1 00 | +3.0 | −0.6 | 8.5 | 11.1 | 5.6 |
| 75 | Godthaab | 64° 10' | 51° 44' | −1 21 | −0 46 | (*2.00−2.1) | | 9.8 | 13.0 | 6.5 |
| 77 | Fishmaster's Harbour, Sondre Stromfjord | 66° 01' | 53° 29' | −1 41 | −1 16 | +3.6 | −0.1 | 8.6 | 10.2 | 6.1 |
| 79 | Camp Lloyd, Sondre Stromfjord | 66° 58' | 50° 57' | +2 21 | +2 51 | +1.7 | −1.1 | 7.7 | 9.4 | 4.7 |
| 81 | Holsteinsborg | 66° 56' | 53° 42' | −1 29 | −1 00 | +2.0 | −0.8 | 7.7 | 10.0 | 5.0 |
| 83 | Camp Michigan, Maligiak Fjord | 66° 56' | 52° 37' | −0 22 | +0 10 | +2.2 | −0.8 | 7.9 | 10.2 | 5.1 |
| | | | | **on Harrington Harbour, p.12** | | | | | | |
| 85 | Aningaq, Rifkol | 67° 55' | 53° 50' | −1 42 | −1 42 | +1.0 | −0.8 | 5.6 | 7.4 | 3.6 |
| 87 | Nunarssuaq, Kronprinsens Ejlanden | 68° 59' | 53° 21' | −0 48 | −0 52 | −0.5 | −0.9 | 4.2 | 5.7 | 2.8 |
| 89 | Godhavn, Disko Island | 69° 15' | 53° 33' | −1 37 | −1 32 | −0.4 | −0.9 | 4.3 | 5.7 | 2.9 |
| 91 | Ingnerit, Umanak Fjord | 71° 00' | 51° 00' | +0 00 | +0 00 | −1.6 | −1.1 | 3.3 | 4.3 | 2.2 |
| | Time meridian, local | | | | | | | | | |
| 93 | North Star Bay, Wolstenholme Fjord | 76° 32' | 68° 50' | +0 30 | +0 32 | *1.33 | *1.12 | 5.4 | 7.0 | 4.5 |
| 95 | Port Foulke | 78° 18' | 72° 45' | +0 28 | +0 26 | (*2.08−0.8) | | 7.9 | 10.7 | 6.5 |
| 97 | Rensselaer Bugt | 78° 37' | 70° 53' | +1 05 | +0 58 | (*2.08−1.1) | | 7.9 | 10.8 | 6.2 |
| 99 | Thank God Harbor, Polaris Bugt | 81° 36' | 61° 40' | +1 34 | +1 31 | −0.3 | −0.4 | 3.9 | 5.4 | 3.2 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **North** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | NORTHERN CANADA<br>Time meridian, local | | | | **on Halifax, p.20** | | | | | |
| | Baffin Bay, etc., West Side | | | | | | | | | |
| 101 | Fort Conger, Discovery Harbor | 81° 44' | 64° 44' | +3 48 | +3 25 | −1.4 | −1.3 | 4.3 | 5.9 | 3.0 |
| 103 | Cape Lawrence | 80° 21' | 69° 15' | +3 46 | +3 40 | −0.2 | −1.3 | 5.5 | 7.2 | 3.6 |
| 105 | Payer Harbour, Cape Sabine | 78° 43' | 74° 25' | +3 36 | +3 30 | +1.7 | −0.9 | 7.0 | 9.4 | 4.7 |
| 107 | Cape Adair | 71° 33' | 71° 30' | +3 06 | +3 06 | +0.4 | −1.2 | 6.0 | 7.8 | 3.9 |
| 109 | Cape Hewett | 70° 16' | 67° 47' | +2 56 | +2 56 | +0.6 | −0.5 | 5.5 | 7.2 | 4.4 |
| | Davis Strait, West Side<br>Time meridian, 60° W | | | | **on Pictou, p.8** | | | | | |
| 111 | Cape Hooper, Baffin Island | 68° 23' | 66° 45' | −5 52 | −5 41 | *0.47 | *0.43 | 1.6 | 1.9 | 1.8 |
| 113 | Kivitoo, Baffin Island | 67° 56' | 64° 56' | −5 17 | −5 10 | *0.51 | *0.43 | 1.8 | 2.4 | 1.9 |
| | | | | | **on Saint John, N. B., p.24** | | | | | |
| 115 | Cape Dyer, Baffin Island | 66° 34' | 61° 40' | −6 19 | −6 21 | *0.31 | *0.45 | 5.8 | 7.3 | 4.7 |
| 117 | Clearwater Fiord, Cumberland Sound | 66° 36' | 67° 20' | −5 36 | −5 38 | −5.5 | −0.6 | 15.9 | 20.6 | 11.4 |
| 119 | Frobisher Bay | 63° 29' | 68° 02' | −4 13 | −4 15 | +5.5 | +3.3 | 23.0 | 29.8 | 18.8 |
| | Hudson Strait and Bay | | | | | | | | | |
| 121 | Pikyulik Island, Payne River | 60° 00' | 69° 55' | −2 15 | −1 54 | +3.7 | +3.2 | 21.3 | 26.8 | 17.9 |
| | Time meridian, 75° W | | | | | | | | | |
| 123 | Sorry Harbor, Resolution Island | 61° 37' | 64° 44' | −5 30 | −5 30 | −8.3 | −0.9 | 13.4 | 17.6 | 9.8 |
| 125 | Lower Savage Islands | 61° 46' | 65° 51' | −4 46 | −4 55 | −1.2 | +2.0 | 17.6 | 25.4 | 14.8 |
| 127 | Ashe Inlet, Big Island | 62° 33' | 70° 35' | −3 46 | −3 43 | +4.2 | +2.2 | 22.8 | 30.9 | 17.6 |
| 129 | Schooner Harbour, Baffin Island | 64° 24' | 77° 52' | −0 49 | −0 44 | −6.2 | +0.4 | 14.2 | 18.9 | 11.5 |
| 131 | Winter Island, Foxe Basin | 66° 11' | 83° 10' | +1 02 | +1 10 | −12.1 | −0.8 | 9.5 | 12.4 | 8.0 |
| | Time meridian, 90° W | | | | | | | | | |
| 133 | Coral Harbour, Southampton Island | 64° 08' | 83° 10' | −0 25 | +0 04 | −14.4 | −1.5 | 7.9 | 10.3 | 6.5 |
| 135 | Chesterfield Inlet | 63° 20' | 90° 42' | −8 17 | −8 20 | −12.4 | −0.8 | 9.2 | 11.8 | 7.8 |
| 137 | Churchill | 58° 47' | 94° 12' | −4 25 | −4 36 | −11.5 | −1.4 | 10.7 | 13.4 | 7.9 |
| | | | | | **on Quebec, p.16** | | | | | |
| 139 | Port Nelson, Nelson River entrance | 57° 05' | 92° 36' | +3 56 | +4 35 | −3.1 | −0.9 | 11.5 | 12.9 | 6.4 |
| | Time meridian, 75° W | | | | | | | | | |
| 141 | Moosonee, James Bay | 51° 17' | 80° 38' | +9 29 | +9 32 | *0.48 | *1.81 | 4.5 | 5.4 | 5.2 |
| 143 | Moose Factory, James Bay | 51° 16' | 80° 35' | +9 33 | +10 37 | *0.42 | *1.56 | 4.0 | 5.4 | 4.5 |
| 145 | Charlton Island, James Bay | 51° 57' | 79° 16' | +8 00 | +6 38 | *0.39 | *1.06 | 4.3 | 5.3 | 3.9 |
| | | | | | **on Saint John, N. B., p.24** | | | | | |
| 147 | Digges Harbour | 62° 30' | 77° 42' | −2 11 | −2 05 | *0.39 | *0.62 | 7.1 | 9.3 | 6.1 |
| 149 | Port de Boucherville, Nottingham Island | 63° 12' | 77° 28' | −2 07 | −2 02 | −11.6 | −1.2 | 10.4 | 14.0 | 8.0 |
| 151 | Wakeham Bay | 61° 43' | 71° 57' | −3 52 | −3 55 | −0.4 | +2.2 | 18.2 | 27.0 | 15.3 |
| 153 | Stupart Bay | 61° 35' | 71° 32' | −4 10 | −4 17 | 0.0 | +2.4 | 18.4 | 27.2 | 15.6 |
| 155 | Diana Bay | 60° 52' | 70° 04' | −4 00 | −4 03 | +2.8 | +3.1 | 20.5 | 26.8 | 17.4 |
| 157 | Hopes Advance Bay, Ungava Bay | 59° 21' | 69° 38' | −3 59 | −4 00 | *1.44 | *2.20 | 27.0 | 34.4 | 22.3 |
| 159 | Leaf Bay, Ungava Bay | 58° 55' | 69° 00' | −4 00 | −4 00 | *1.49 | *2.25 | 28.0 | 36.0 | 23.0 |
| 161 | Leaf Lake, Ungava Bay | 58° 45' | 69° 40' | −3 00 | −3 00 | (*1.54+5.8) | | 32.0 | 40.0 | 28.0 |
| 163 | Koksoak River entrance | 58° 32' | 68° 11' | −3 50 | −3 53 | *1.47 | *2.00 | 28.5 | 36.4 | 22.3 |
| 165 | Port Burwell, Ungava Bay | 60° 25' | 64° 52' | −4 13 | −4 13 | −6.5 | −0.9 | 15.2 | 19.9 | 10.7 |
| | LABRADOR<br>Time meridian, 52° 30' W | | | | | | | | | |
| 167 | Button Islands | 60° 37' | 64° 44' | −2 38 | −2 38 | −9.5 | −0.3 | 11.6 | 15.4 | 9.5 |
| 169 | Williams Harbour | 60° 00' | 64° 19' | −3 07 | −3 27 | *0.32 | *0.30 | 6.8 | 8.2 | 4.6 |
| | | | | | **on Halifax, p.20** | | | | | |
| 171 | Eclipse Harbour | 59° 48' | 64° 09' | +0 25 | +0 02 | −2.4 | −1.0 | 3.0 | 3.7 | 2.6 |
| 173 | Kangalaksiorvik Fiord | 59° 23' | 63° 47' | +1 00 | +0 42 | −2.6 | −1.5 | 3.3 | 4.1 | 2.2 |
| 175 | Nachvak Bay | 59° 03' | 63° 35' | +0 04 | −0 20 | −1.5 | −1.1 | 4.0 | 5.0 | 3.0 |
| 177 | Port Manvers | 56° 57' | 61° 25' | −0 55 | −0 55 | −2.3 | −1.2 | 3.3 | 4.2 | 2.6 |
| 179 | Hebron, Hebron Fjord | 58° 12' | 62° 38' | −0 49 | −1 05 | −1.4 | −0.9 | 3.9 | 4.7 | 3.2 |
| 181 | Nain | 56° 33' | 61° 41' | −0 32 | −0 54 | +0.3 | −0.5 | 5.2 | 6.5 | 4.2 |
| 183 | Hopedale Harbour | 55° 27' | 60° 13' | −0 46 | −1 09 | −0.4 | −0.3 | 4.3 | 5.6 | 4.0 |
| 185 | Webeck Harbour | 54° 54' | 58° 02' | −1 07 | −1 38 | −1.3 | −0.8 | 3.9 | 5.0 | 3.3 |
| | *Hamilton Inlet and Lake Melville* | | | | | | | | | |
| 187 | Indian Harbour | 54° 27' | 57° 12' | −0 37 | −1 33 | −1.0 | −0.9 | 4.3 | 5.7 | 3.4 |
| 189 | Ticoralak Island | 54° 17' | 58° 12' | −0 35 | −0 55 | −0.9 | −0.5 | 4.0 | 4.9 | 3.7 |
| 191 | Rigolet | 54° 11' | 58° 25' | −0 02 | −0 17 | −1.9 | −1.0 | 3.5 | 4.5 | 2.8 |
| 193 | Goose Bay | 53° 21' | 60° 24' | +4 22 | +4 24 | (*0.27+0.4) | | 1.2 | 1.7 | 1.6 |
| 195 | Cartwright Harbour | 53° 42' | 57° 02' | −0 03 | −0 34 | −1.3 | −0.6 | 3.7 | 4.9 | 3.4 |
| 197 | Curlew Harbour | 53° 45' | 56° 33' | −0 07 | −0 38 | −1.6 | −0.9 | 3.7 | 4.9 | 3.1 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | LABRADOR–cont. Time meridian, 52° 30' W | | | | on Halifax, p.20 | | | | | |
| 199 | Comfort Bight | 53° 09' | 55° 46' | −0 32 | −1 03 | −1.9 | −1.0 | 3.5 | 4.6 | 2.9 |
| 201 | Square Island Harbour | 52° 44' | 55° 49' | −0 34 | −1 05 | −2.0 | −1.1 | 3.5 | 4.7 | 2.8 |
| 203 | Port Marnham | 52° 23' | 55° 44' | −0 43 | −1 14 | −2.7 | −1.0 | 2.7 | 3.6 | 2.5 |
| 205 | Battle Harbour | 52° 16' | 55° 36' | −1 03 | −1 30 | −2.1 | −0.3 | 2.6 | 3.8 | 3.1 |
| | | | | | on Harrington Harbour, p.12 | | | | | |
| | *Strait of Bell Isle* | | | | | | | | | |
| 207 | Chateau Bay | 52° 00' | 55° 50' | −3 08 | −3 19 | *0.69 | *0.81 | 2.4 | 3.1 | 2.5 |
| 209 | Red Bay | 51° 43' | 56° 25' | −2 00 | −1 55 | *0.56 | *0.56 | 2.1 | 2.6 | 2.0 |
| 211 | Forteau Bay | 51° 27' | 56° 53' | −0 26 | −0 17 | *0.78 | *0.81 | 2.9 | 3.7 | 2.8 |
| | NEWFOUNDLAND, East Coast | | | | on Halifax, p.20 | | | | | |
| 213 | Pistolet Bay | 51° 30' | 55° 44' | −0 14 | −0 28 | *0.46 | *0.29 | 2.4 | 3.1 | 1.8 |
| 215 | Ariege Bay | 51° 10' | 56° 00' | −0 34 | −0 34 | −2.6 | −1.5 | 3.3 | 4.3 | 2.3 |
| 217 | Wild Cove | 50° 42' | 56° 10' | −0 49 | −1 01 | −2.0 | −1.1 | 3.5 | 4.7 | 2.8 |
| 219 | Sops Island, White Bay | 49° 50' | 56° 46' | −0 49 | −1 24 | *0.46 | *0.29 | 2.4 | 3.4 | 1.8 |
| 221 | Exploits Lower Harbour | 49° 32' | 55° 04' | −0 34 | −1 09 | −3.1 | −1.3 | 2.6 | 3.5 | 2.1 |
| 223 | Fogo Harbour | 49° 43' | 54° 16' | −0 34 | −0 42 | −2.6 | −1.3 | 3.1 | 4.2 | 2.4 |
| 225 | Valleyfield | 49° 10' | 53° 37' | −0 46 | −1 13 | *0.45 | *0.33 | 2.2 | 2.9 | 1.8 |
| 227 | Port Union | 48° 30' | 53° 05' | −0 53 | −1 15 | *0.49 | *0.48 | 2.2 | 3.0 | 2.1 |
| 229 | Random Head Harbour, Trinity Bay | 48° 06' | 53° 34' | −0 53 | −1 05 | *0.48 | *0.33 | 2.4 | 3.2 | 1.9 |
| 231 | Harbour Grace, Conception Bay | 47° 41' | 53° 12' | −0 28 | −0 46 | *0.51 | *0.33 | 2.6 | 3.5 | 2.0 |
| 233 | St. John's | 47° 34' | 52° 42' | −0 34 | −0 46 | *0.52 | *0.38 | 2.6 | 3.5 | 2.1 |
| | NEWFOUNDLAND, South Coast | | | | on Argentia, p.4 | | | | | |
| 235 | Trepassey Harbour | 46° 43' | 53° 23' | −0 19 | −0 11 | −1.2 | −0.5 | 4.2 | 5.6 | 3.5 |
| 237 | St. Mary Harbour, St. Mary Bay | 46° 55' | 53° 35' | −0 14 | −0 06 | −1.2 | −0.5 | 4.2 | 5.6 | 3.5 |
| | *Placentia Bay* | | | | | | | | | |
| 239 | ARGENTIA | 47° 18' | 53° 59' | | *Daily predictions* | | | 4.9 | 6.3 | 4.4 |
| 241 | Woody Island | 47° 47' | 54° 10' | +0 09 | +0 09 | −0.5 | −0.3 | 4.7 | 6.0 | 4.0 |
| 243 | Mortier Bay | 47° 10' | 55° 09' | +0 15 | +0 26 | −1.0 | −0.8 | 4.7 | 6.0 | 3.5 |
| 245 | Great St. Lawrence Harbour | 46° 55' | 55° 22' | +0 28 | +0 55 | −0.7 | +0.3 | 3.9 | 5.0 | 4.2 |
| | Time meridian, 60° W | | | | | | | | | |
| 247 | St. Pierre Harbor, St. Pierre Island | 46° 47' | 56° 10' | −0 09 | +0 13 | −0.8 | +0.2 | 3.9 | 5.0 | 4.1 |
| | Time meridian, 52° 30' W | | | | | | | | | |
| | *Fortune Bay* | | | | | | | | | |
| 249 | Grande le Pierre Harbour | 47° 40' | 54° 47' | +1 09 | +1 09 | −1.0 | +0.2 | 3.7 | 4.8 | 4.0 |
| 251 | Belleoram | 47° 32' | 55° 25' | +0 57 | +0 57 | (*0.67+0.8) | | 3.3 | 4.3 | 3.8 |
| 253 | Ship Cove, Bay d'Espoir | 47° 52' | 55° 50' | +0 45 | +0 53 | −0.4 | 0.0 | 4.5 | 5.5 | 4.2 |
| 255 | Great Jervis Harbour, Bay d'Espoir | 47° 39' | 56° 11' | +0 38 | +1 05 | −1.1 | +0.1 | 3.7 | 4.8 | 3.9 |
| 257 | Hare Bay | 47° 37' | 56° 32' | +0 41 | +1 08 | (*0.67+0.6) | | 3.3 | 4.3 | 3.6 |
| 259 | Grey River | 47° 34' | 57° 07' | +0 45 | +1 12 | (*0.63+0.7) | | 3.1 | 4.0 | 3.5 |
| 261 | Connoire Bay | 47° 40' | 57° 54' | +0 50 | +0 50 | (*0.59+0.7) | | 2.9 | 3.8 | 3.3 |
| 263 | La Poile Bay | 47° 40' | 58° 24' | +1 15 | +1 15 | (*0.63+0.6) | | 3.1 | 4.0 | 3.4 |
| | | | | | on Harrington Harbour, p.12 | | | | | |
| 265 | Port Aux Basques | 47° 35' | 59° 09' | −1 24 | −1 28 | *0.80 | *0.75 | 3.1 | 4.0 | 2.8 |
| 267 | Codroy Road | 47° 53' | 59° 24' | −1 22 | −1 27 | *0.74 | *0.75 | 2.8 | 3.7 | 2.6 |
| | NEWFOUNDLAND, West Coast | | | | | | | | | |
| 269 | St. Georges Harbour | 48° 27' | 58° 30' | −0 28 | −0 38 | *0.78 | *0.88 | 2.8 | 3.5 | 2.8 |
| 271 | Port–au–Port | 48° 33' | 58° 45' | +0 05 | +0 10 | −1.3 | −1.0 | 3.5 | 4.5 | 2.4 |
| 273 | Frenchman's Cove, Bay of Islands | 49° 04' | 58° 10' | +0 10 | +0 10 | −0.5 | 0.0 | 3.3 | 4.2 | 3.3 |
| 275 | Norris Cove, Bonne Bay | 49° 31' | 57° 52' | +0 10 | +0 10 | −0.7 | −0.4 | 3.5 | 4.4 | 3.0 |
| 277 | Portland Cove | 50° 11' | 57° 36' | +0 19 | +0 19 | −0.6 | −0.4 | 3.6 | 4.6 | 3.0 |
| 279 | Port Saunders | 50° 39' | 57° 18' | +0 07 | +0 03 | −0.3 | −0.3 | 3.8 | 4.9 | 3.2 |
| 281 | Castors Harbour, St. John Bay | 50° 55' | 56° 59' | +0 10 | +0 10 | *0.78 | *0.75 | 3.0 | 4.1 | 2.7 |
| 283 | St. Barbe Bay | 51° 12' | 56° 46' | +0 00 | +0 00 | *0.78 | *0.56 | 3.3 | 4.4 | 2.6 |
| | QUEBEC, Gulf of St. Lawrence Time meridian, 60° W | | | | | | | | | |
| 285 | Bradore Bay | 51° 28' | 57° 15' | −0 35 | −0 30 | −0.6 | −0.1 | 3.3 | 4.4 | 3.1 |
| 287 | Mistanoque Harbour | 51° 16' | 58° 12' | −0 15 | −0 15 | −0.4 | −0.1 | 3.5 | 4.6 | 3.3 |
| 289 | HARRINGTON HARBOUR | 50° 30' | 59° 28' | | *Daily predictions* | | | 3.8 | 4.9 | 3.5 |
| 291 | Wapitagun Harbour | 50° 12' | 60° 01' | +0 15 | +0 15 | −0.3 | +0.1 | 3.4 | 4.4 | 3.4 |
| 293 | Kegaska | 50° 12' | 61° 14' | +0 40 | +0 40 | −0.9 | −0.2 | 3.1 | 4.0 | 3.0 |
| 295 | Natashquan | 50° 12' | 61° 50' | +1 00 | +1 10 | −0.8 | −0.1 | 3.1 | 4.0 | 3.1 |
| 297 | Betchewun Harbour | 50° 14' | 63° 11' | +2 09 | +2 13 | −0.7 | −0.4 | 3.5 | 4.6 | 3.0 |
| 299 | Havre St. Pierre | 50° 14' | 63° 36' | +2 23 | +2 32 | 0.0 | −0.1 | 3.9 | 4.8 | 3.5 |
| 301 | Mingan | 50° 18' | 64° 03' | +2 35 | +2 40 | +0.9 | 0.0 | 4.7 | 5.8 | 3.9 |
| | *Anticosti Island* | | | | | | | | | |
| 303 | Heath Point | 49° 05' | 61° 42' | +0 51 | +0 52 | (*0.61+0.3) | | 2.3 | 3.0 | 2.4 |
| 305 | Southwest Point | 49° 24' | 63° 36' | +3 21 | +3 26 | −0.3 | 0.0 | 3.5 | 4.4 | 3.4 |
| 307 | Ellis Bay | 49° 48' | 64° 22' | +3 37 | +3 38 | +0.3 | −0.5 | 4.6 | 5.7 | 3.4 |
| 309 | Moisie Bay | 50° 12' | 66° 05' | +3 43 | +3 49 | +2.3 | +0.5 | 5.6 | 7.2 | 4.9 |
| 311 | Sept Iles | 50° 13' | 66° 24' | +3 54 | +3 58 | +2.7 | −0.1 | 6.6 | 8.6 | 4.8 |
| 313 | Cawee Islands | 49° 50' | 67° 00' | +4 01 | +4 07 | +3.0 | +0.6 | 6.2 | 8.0 | 5.3 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | QUEBEC, St. Lawrence River<br>Time meridian, 75° W | | | | on Harrington Harbour, p.12 | | | | | |
| 315 | Ste. Anne des Monts | 49° 08' | 66° 29' | +3 17 | +3 19 | +3.4 | +0.6 | 6.6 | 8.6 | 5.5 |
| 317 | Cap Chat | 49° 06' | 66° 45' | +3 17 | +3 21 | +4.2 | +1.0 | 7.0 | 9.0 | 6.1 |
| 319 | Pointe des Monts | 49° 20' | 67° 22' | +3 10 | +3 16 | +4.3 | +0.8 | 7.3 | 9.6 | 6.1 |
| 321 | Matane | 48° 51' | 67° 32' | +3 18 | +3 22 | +4.7 | +0.9 | 7.6 | 9.9 | 6.3 |
| 323 | Metis–sur–Mer | 48° 41' | 68° 02' | +3 24 | +3 28 | +5.4 | +1.1 | 8.1 | 10.6 | 6.8 |
| | | | | | on Quebec, p.16 | | | | | |
| 325 | Betsiamites River | 48° 53' | 68° 39' | −4 20 | −5 08 | −3.8 | +1.4 | 8.5 | 11.2 | 7.3 |
| 327 | Father Point | 48° 31' | 68° 28' | −4 22 | −5 29 | −3.4 | +1.4 | 8.9 | 11.7 | 7.5 |
| 329 | Old Bic Harbour | 48° 22' | 68° 44' | −4 12 | −5 14 | −3.3 | +1.4 | 9.0 | 11.8 | 7.5 |
| 331 | Tadoussac, Saguenay River | 48° 08' | 69° 43' | −3 47 | −4 54 | −1.8 | +0.8 | 11.1 | 14.0 | 8.0 |
| 333 | Chicoutimi, Saguenay River | 48° 26' | 71° 03' | −3 28 | −3 40 | −1.4 | +1.3 | 11.0 | 14.4 | 8.4 |
| 335 | Brandypot Islands | 47° 52' | 69° 41' | −3 36 | −4 40 | −0.5 | +2.2 | 11.0 | 14.5 | 9.3 |
| 337 | Murray Bay | 47° 39' | 70° 08' | −3 20 | −4 22 | +0.4 | +2.3 | 11.8 | 15.3 | 9.8 |
| 339 | Pointe aux Orignaux | 47° 29' | 70° 01' | −2 47 | −3 41 | −0.3 | +2.2 | 11.2 | 14.7 | 9.4 |
| 341 | Ile aux Coudres | 47° 26' | 70° 19' | −2 10 | −3 21 | +1.2 | +2.0 | 12.9 | 15.8 | 10.1 |
| 343 | L' Islet | 47° 08' | 70° 22' | −1 17 | −2 05 | 0.0 | +0.9 | 12.8 | 15.3 | 9.0 |
| 345 | Beaujeu Channel | 47° 05' | 70° 29' | −1 10 | −1 43 | +0.6 | +0.5 | 13.8 | 15.7 | 9.0 |
| 347 | Grosse Ile | 47° 02' | 70° 40' | −0 57 | −1 19 | +1.3 | 0.0 | 15.0 | 17.1 | 9.1 |
| 349 | Berthier | 46° 56' | 70° 44' | −0 47 | −1 08 | +1.3 | 0.0 | 15.0 | 16.9 | 9.1 |
| 351 | St. Laurent d' Orleans | 46° 52' | 71° 00' | −0 20 | −0 30 | +0.3 | +0.2 | 13.8 | 15.6 | 8.7 |
| 353 | QUEBEC | 46° 49' | 71° 11' | | *Daily predictions* | | | 13.7 | 15.5 | 8.5 |
| 355 | St. Nicolas | 46° 43' | 71° 24' | +0 35 | +0 32 | −0.7 | – – – | 12.6 | 14.3 | – – |
| 357 | St. Augustin | 46° 43' | 71° 28' | +0 54 | +0 53 | −1.6 | – – – | 11.8 | 13.3 | – – |
| 359 | Ste. Croix <1> | 46° 37' | 71° 45' | +1 31 | +2 00 | – – – | – – – | 11.8 | 13.3 | – – |
| 361 | Pointe Platon <1> | 46° 40' | 71° 51' | +1 43 | +2 11 | – – – | – – – | 11.4 | 12.9 | – – |
| 363 | Grondines <1> | 46° 36' | 72° 04' | +2 14 | +3 18 | – – – | – – – | 6.7 | 8.1 | – – |
| 365 | Cap a la Roche <1> | 46° 33' | 72° 10' | +2 37 | +3 48 | – – – | – – – | 5.4 | 6.7 | – – |
| 367 | Batiscan <1> | 46° 31' | 72° 15' | +3 32 | +4 49 | – – – | – – – | 2.3 | 3.3 | – – |
| 369 | Champlain <1> | 46° 26' | 72° 21' | +4 08 | +5 30 | – – – | – – – | 1.8 | 2.8 | – – |
| 371 | Trois Rivieres <1> | 46° 20' | 72° 33' | +4 45 | +6 15 | – – – | – – – | 0.7 | 1.0 | – – |
| | QUEBEC, Gulf of St. Lawrence–cont.<br>Time meridian, 60° W | | | | on Pictou, p.8 | | | | | |
| 373 | Gaspé Bay | 48° 50' | 64° 29' | +4 43 | +4 58 | −1.1 | −0.5 | 2.6 | 3.3 | 3.1 |
| 375 | Point St. Peter | 48° 38' | 64° 10' | +4 59 | +5 11 | *0.67 | *0.52 | 2.5 | 3.2 | 2.5 |
| | *Chaleur Bay* | | | | | | | | | |
| 377 | Port Daniel | 48° 10' | 64° 57' | +5 27 | +5 42 | −0.7 | −0.6 | 3.1 | 3.8 | 3.3 |
| 379 | Paspebiac | 48° 01' | 65° 14' | +5 22 | +5 34 | −0.4 | −1.0 | 3.8 | 4.6 | 3.2 |
| 381 | Carleton Point | 48° 05' | 66° 07' | +5 31 | +5 36 | +0.8 | −0.7 | 4.7 | 6.2 | 4.0 |
| | NEW BRUNSWICK, Gulf of St. Lawrence | | | | | | | | | |
| | *Chaleur Bay–cont.* | | | | | | | | | |
| 383 | Campbellton | 48° 01' | 66° 40' | +6 04 | +6 40 | +3.5 | +0.9 | 5.8 | 7.2 | 6.1 |
| 385 | Dalhousie | 48° 04' | 66° 22' | +5 42 | +5 52 | +2.2 | −0.2 | 5.6 | 7.1 | 4.9 |
| 387 | Bathurst | 47° 37' | 65° 39' | +6 04 | +6 50 | −0.3 | −1.1 | 4.0 | 4.8 | 3.2 |
| 389 | Caraquet Harbour | 47° 48' | 64° 56' | +5 49 | +5 50 | −1.0 | −1.1 | 3.3 | 4.0 | 2.9 |
| 391 | Miscou Harbour | 47° 54' | 64° 35' | +5 45 | +5 57 | −0.5 | −1.1 | 3.8 | 5.0 | 3.1 |
| 393 | Old Tracadie Gully entrance | 47° 31' | 64° 52' | +6 25 | +6 36 | −1.6 | −1.2 | 2.8 | 3.5 | 2.5 |
| 395 | Tracadie | 47° 31' | 64° 55' | +6 55 | +7 06 | *0.55 | *0.35 | 2.2 | 2.8 | 1.9 |
| | | | | | | | | Mean | Diurnal | |
| 397 | Portage Island, Miramichi Bay † | 47° 09' | 65° 03' | −5 11 | −4 59 | −1.7 | −0.8 | – – | 3.3 | 2.2 |
| 399 | Newcastle, Miramichi River † | 47° 00' | 65° 34' | −3 53 | −3 13 | −0.7 | −0.5 | – – | 4.0 | – – |
| 401 | Richibucto River entrance † | 46° 43' | 64° 48' | −4 45 | – – – | −2.7 | −0.8 | – – | 2.3 | 1.8 |
| 403 | Shediac Bay † | 46° 15' | 64° 32' | – – – | +0 18 | −1.9 | −0.5 | – – | 2.8 | 2.8 |
| | | | | | | | | Mean | Spring | |
| 405 | Cape Tormentine | 46° 08' | 63° 47' | +0 41 | +1 03 | +1.5 | −0.1 | 4.8 | 5.7 | 4.6 |
| 407 | Tidnish Head, Baie Verte | 46° 01' | 64° 01' | +0 33 | +0 54 | +1.7 | −0.2 | 5.1 | 6.3 | 4.7 |
| | PRINCE EDWARD ISLAND | | | | | | | Mean | Diurnal | |
| 409 | Tignish † | 46° 58' | 64° 00' | −4 59 | −5 27 | −2.5 | −0.8 | – – | 2.5 | 1.7 |
| 411 | Alberton † | 46° 49' | 64° 03' | −4 27 | −4 10 | −2.8 | −0.7 | – – | 2.1 | 1.7 |
| 413 | Malpeque Bay † | 46° 35' | 63° 40' | −3 29 | −3 13 | −2.5 | −0.8 | – – | 2.5 | 1.8 |
| 415 | North Rustico † | 46° 28' | 63° 17' | −4 10 | −4 04 | −2.7 | −1.0 | – – | 2.5 | 1.6 |
| 417 | St. Peters Bay † | 46° 26' | 62° 44' | −3 52 | −3 37 | −3.3 | −1.0 | – – | 1.9 | 1.5 |
| 419 | Naufrage † | 46° 28' | 62° 25' | −3 09 | −3 27 | −2.6 | −0.8 | – – | 2.4 | 2.0 |
| | | | | | | | | Mean | Spring | |
| 421 | Souris Head | 46° 20' | 62° 17' | −1 23 | −1 25 | −0.6 | −0.2 | 2.8 | 3.5 | 3.5 |
| 423 | Georgetown Harbour | 46° 11' | 62° 32' | −1 03 | −1 00 | −0.5 | −0.1 | 2.8 | 3.5 | 3.6 |
| 425 | Cape Bear | 46° 00' | 62° 27' | −0 42 | −0 40 | −0.6 | −0.5 | 3.1 | 4.0 | 3.4 |
| 427 | Charlottetown | 46° 13' | 63° 08' | +0 33 | +0 42 | +2.5 | +0.5 | 5.2 | 6.4 | 5.4 |
| 429 | Summerside Harbour | 46° 24' | 63° 47' | +0 57 | +1 19 | +0.9 | +0.3 | 3.8 | 4.5 | 4.5 |
| | ISLANDS, Gulf of St. Lawrence | | | | | | | | | |
| 431 | St. Paul Island | 47° 12' | 60° 09' | −1 25 | −1 22 | *0.64 | *0.57 | 2.2 | 2.8 | 2.4 |
| 433 | Amherst Harbour, Magdalen Islands | 47° 14' | 61° 50' | −1 05 | −1 07 | *0.53 | *0.57 | 1.6 | 2.0 | 2.1 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **North** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | NOVA SCOTIA, Gulf of St. Lawrence<br>Time meridian, 60° W | | | | **on Pictou, p.8** | | | | | |
| 435 | Pugwash | 45° 51' | 63° 40' | +1 00 | +1 03 | +1.8 | 0.0 | 5.0 | 6.0 | 4.8 |
| 437 | PICTOU | 45° 41' | 62° 42' | | *Daily predictions* | | | 3.2 | 3.9 | 3.9 |
| 439 | Merigomish Harbour | 45° 39' | 62° 27' | −0 13 | −0 01 | −0.3 | 0.0 | 2.9 | 3.4 | 3.8 |
| 441 | Cape George | 45° 53' | 61° 53' | −0 54 | −0 51 | −1.6 | −0.8 | 2.4 | 3.2 | 2.7 |
| 443 | Antigonish Harbour | 45° 40' | 61° 53' | +0 09 | +0 17 | −1.7 | −0.5 | 2.0 | 2.5 | 2.8 |
| 445 | Cape Jack | 45° 42' | 61° 33' | −1 11 | −1 18 | −1.8 | −0.7 | 2.1 | 2.6 | 2.7 |
| 447 | Auld Cove | 45° 39' | 61° 26' | −0 27 | −0 33 | (*0.62+1.3) | | 2.0 | 2.6 | 3.7 |
| | *Cape Breton Island* | | | | | | | | | |
| 449 | Port Hood | 46° 01' | 61° 32' | −0 46 | −0 45 | −1.6 | −0.9 | 2.5 | 3.2 | 2.7 |
| 451 | Mabou River entrance | 46° 06' | 61° 28' | −0 53 | −1 04 | *0.66 | *0.61 | 2.2 | 2.9 | 2.5 |
| 453 | Cheticamp | 46° 37' | 61° 02' | −1 23 | −1 20 | *0.56 | *0.74 | 1.4 | 1.8 | 2.4 |
| | NOVA SCOTIA, Outer Coast | | | | | | | | | |
| | *Cape Breton Island–cont.* | | | | | | | | | |
| 455 | Neil Harbour | 46° 48' | 60° 20' | −1 44 | −1 45 | *0.69 | *0.65 | 2.4 | 3.1 | 2.7 |
| 457 | Ingonish Island | 46° 40' | 60° 23' | −1 40 | −1 33 | −1.5 | −0.9 | 2.6 | 3.2 | 2.7 |
| 459 | St. Anns Harbour | 46° 15' | 60° 34' | −1 37 | −1 40 | −1.4 | −1.0 | 2.8 | 3.5 | 2.7 |
| 461 | North Sydney | 46° 13' | 60° 15' | −1 54 | −1 49 | *0.73 | *0.61 | 2.6 | 3.2 | 2.7 |
| 463 | Glace Bay | 46° 12' | 59° 55' | −1 59 | −1 54 | −1.6 | −0.9 | 2.5 | 3.2 | 2.7 |
| | | | | | **on Halifax, p.20** | | | | | |
| 465 | Louisburg Harbour | 45° 54' | 59° 59' | −0 08 | −0 14 | −1.6 | −0.7 | 3.5 | 4.2 | 3.2 |
| 467 | Gabarus Cove | 45° 51' | 60° 10' | +0 08 | +0 10 | −1.4 | −0.7 | 3.7 | 4.4 | 3.3 |
| 469 | St. Peter Bay | 45° 38' | 60° 52' | −0 12 | −0 07 | −0.6 | −0.4 | 4.2 | 5.1 | 3.8 |
| 471 | Arichat | 45° 31' | 61° 02' | −0 25 | −0 14 | −0.9 | −0.5 | 4.0 | 4.8 | 3.6 |
| 473 | Port Hastings, Strait of Canso | 45° 39' | 61° 24' | −0 16 | −0 12 | 0.0 | +0.2 | 4.2 | 5.1 | 4.4 |
| 475 | Guysborough | 45° 23' | 61° 29' | +0 06 | +0 18 | −1.1 | −0.5 | 3.8 | 4.6 | 3.5 |
| 477 | Canso Harbour | 45° 21' | 61° 00' | −0 05 | −0 04 | −1.1 | −0.6 | 3.9 | 4.7 | 3.5 |
| 479 | Whitehaven Harbour | 45° 14' | 61° 12' | −0 10 | −0 02 | −1.1 | −0.4 | 3.7 | 4.7 | 3.6 |
| 481 | Isaacs Harbour | 45° 11' | 61° 40' | −0 03 | +0 04 | −0.6 | −0.1 | 3.9 | 4.6 | 4.0 |
| 483 | Sonora, St. Mary River | 45° 03' | 61° 55' | −0 02 | +0 09 | −0.7 | −0.6 | 4.3 | 5.2 | 3.7 |
| 485 | Liscomb Harbour | 45° 00' | 62° 02' | −0 11 | −0 05 | −0.6 | −0.4 | 4.2 | 5.0 | 3.8 |
| 487 | Sheet Harbour | 44° 54' | 62° 30' | −0 08 | −0 04 | −1.1 | −0.9 | 4.2 | 5.0 | 3.3 |
| 489 | Ship Harbour | 44° 47' | 62° 49' | −0 07 | −0 04 | −0.6 | −0.4 | 4.2 | 5.1 | 3.8 |
| 491 | Jeddore Harbour | 44° 45' | 63° 01' | −0 06 | −0 03 | −0.5 | −0.4 | 4.3 | 5.2 | 3.9 |
| 493 | HALIFAX | 44° 40' | 63° 34' | | *Daily predictions* | | | 4.4 | 5.3 | 4.3 |
| 495 | Sable Island, north side | 43° 57' | 60° 06' | −0 06 | −0 12 | −2.7 | −0.9 | 2.6 | 3.2 | 2.5 |
| 497 | Sable Island, south side | 43° 56' | 59° 54' | −0 02 | −0 06 | −2.1 | −1.6 | 3.9 | 4.8 | 2.5 |
| 499 | St. Margarets Bay | 44° 31' | 63° 56' | +0 08 | +0 07 | −0.5 | −0.3 | 4.2 | 4.9 | 3.9 |
| 501 | Chester, Mahone Bay | 44° 34' | 64° 18' | +0 01 | −0 04 | −0.2 | −0.2 | 4.4 | 5.3 | 4.1 |
| 503 | Mahone Harbour, Mahone Bay | 44° 27' | 64° 22' | +0 03 | −0 01 | −0.1 | −0.2 | 4.5 | 5.5 | 4.2 |
| 505 | Lunenburg | 44° 22' | 64° 19' | +0 07 | +0 07 | −0.1 | +0.1 | 4.2 | 4.9 | 4.3 |
| 507 | Riverport, La Have River | 44° 17' | 64° 20' | +0 12 | +0 05 | −0.3 | −0.4 | 4.5 | 5.3 | 4.0 |
| 509 | Bridgewater, La Have River | 44° 23' | 64° 31' | +0 09 | +0 06 | −0.2 | −0.3 | 4.5 | 5.5 | 4.1 |
| 511 | Liverpool Bay | 44° 02' | 64° 41' | +0 14 | +0 04 | −0.5 | −0.4 | 4.3 | 5.1 | 3.9 |
| 513 | Lockeport | 43° 44' | 65° 05' | +0 27 | +0 02 | −0.2 | −0.4 | 4.6 | 5.4 | 4.0 |
| 515 | Shelburne | 43° 45' | 65° 18' | +0 30 | +0 35 | +0.1 | −0.3 | 4.8 | 5.8 | 4.2 |
| 517 | Barrington Passage | 43° 32' | 65° 36' | +0 51 | +0 30 | +1.6 | +0.6 | 5.4 | 6.2 | 5.4 |
| 519 | Swim Point | 43° 26' | 65° 38' | +1 41 | +1 03 | +2.9 | +0.1 | 7.2 | 8.4 | 5.8 |
| | NOVA SCOTIA, Bay of Fundy | | | | **on Saint John, N. B., p.24** | | | | | |
| 521 | Lower East Pubnico | 43° 38' | 65° 46' | −1 52 | −2 07 | *0.43 | *0.48 | 8.7 | 10.0 | 6.3 |
| 523 | Yarmouth Harbour | 43° 48' | 66° 08' | −1 07 | −1 15 | *0.53 | *0.42 | 11.5 | 13.4 | 7.5 |
| 525 | Westport, St. Mary Bay | 44° 16' | 66° 21' | −0 35 | −0 30 | *0.72 | *0.72 | 15.0 | 16.7 | 10.4 |
| 527 | Tiverton, St. Mary Bay | 44° 24' | 66° 13' | −0 38 | −0 30 | −5.6 | −0.7 | 15.9 | 18.3 | 11.3 |
| 529 | Weymouth, St. Mary Bay | 44° 27' | 66° 01' | −0 26 | −0 22 | −6.5 | −0.7 | 15.0 | 17.0 | 10.8 |
| 531 | Digby, Annapolis Basin | 44° 38' | 65° 45' | −0 09 | −0 07 | +0.7 | +0.3 | 21.2 | 24.6 | 14.9 |
| 533 | Annapolis Royal, Annapolis River | 44° 45' | 65° 30' | +0 06 | +0 10 | +2.2 | +0.4 | 22.6 | 25.7 | 15.7 |
| 535 | Port George | 45° 01' | 65° 10' | −0 06 | −0 06 | +6.7 | +0.8 | 26.7 | 30.5 | 18.2 |
| 537 | Ile Haute | 45° 15' | 65° 00' | −0 02 | −0 02 | +7.4 | +0.7 | 27.5 | 31.5 | 18.5 |
| 539 | Spencer Island | 45° 20' | 64° 42' | +0 17 | +0 21 | *1.47 | *1.50 | 30.5 | 35.0 | 21.2 |
| | *Minas Basin* | | | | | | | | | |
| 541 | Parrsboro (Partridge Island) <2> | 45° 22' | 64° 20' | +0 51 | +0 49 | +14.7 | – – – | 34.4 | 39.0 | 22.3 |
| 543 | Horton Bluff, Avon River | 45° 06' | 64° 13' | +0 58 | +1 02 | *1.76 | *1.38 | 38.1 | 43.6 | 24.6 |
| 545 | Windsor <2> | 45° 00' | 64° 08' | +1 03 | – – – | +19.5 | – – – | – – | – – | – – |
| 547 | Burntcoat Head | 45° 18' | 63° 49' | +1 06 | +1 12 | *1.90 | *2.18 | 38.4 | 43.5 | 27.9 |
| 549 | Truro <2> | 45° 22' | 63° 20' | +1 43 | – – – | +26.1 | – – – | – – | – – | – – |
| 551 | Spicer Cove, Chignecto Bay | 45° 26' | 64° 54' | +0 12 | +0 16 | +7.0 | +0.8 | 27.0 | 30.0 | 18.3 |
| 553 | Joggins <2> | 45° 41' | 64° 28' | +0 14 | +0 26 | +14.2 | +1.8 | 33.2 | 37.0 | 22.4 |
| 555 | Amherst Point, Cumberland Basin | 45° 50' | 64° 17' | +0 33 | +0 45 | *1.69 | *1.55 | 35.6 | 40.5 | 24.0 |
| | NEW BRUNSWICK, Bay of Fundy | | | | | | | | | |
| | *Petitcodiac River <3>* | | | | | | | | | |
| 557 | Grindstone Island | 45° 43' | 64° 37' | +0 21 | +0 28 | *1.49 | *1.45 | 31.1 | 35.6 | 21.4 |
| 559 | Hopewell Cape | 45° 52' | 64° 35' | +0 14 | +0 39 | *1.64 | *1.85 | 33.2 | 38.0 | 24.0 |
| 561 | Moncton <2> <3> | 46° 05' | 64° 46' | +0 46 | – – – | +17.2 | – – – | – – | – – | – – |
| 563 | Salisbury | 46° 01' | 65° 03' | +1 31 | – – – | +18.2 | – – – | – – | – – | – – |
| 565 | Herring Cove | 45° 35' | 64° 58' | +0 22 | +0 20 | +8.4 | +0.9 | 28.3 | 32.4 | 19.1 |
| 567 | Quaco Bay | 45° 20' | 65° 32' | +0 11 | +0 12 | +2.0 | −0.3 | 23.1 | 26.3 | 15.3 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | NEW BRUNSWICK, Bay of Fundy–cont. Time meridian, 60° W | | | | **on Saint John, N. B., p.24** | | | | | |
| 569 | SAINT JOHN <4> | 45° 15' | 66° 04' | | *Daily predictions* | | | 20.8 | 23.7 | 14.4 |
| 571 | Indiantown, St. John River | 45° 16' | 66° 05' | +1 30 | +2 25 | – – – | – – – | 1.2 | 1.4 | 2.4 |
| 573 | Lepreau Harbour | 45° 07' | 66° 29' | −0 01 | +0 03 | −2.3 | −0.5 | 19.0 | 21.7 | 13.0 |
| 575 | L' Etang Harbour | 45° 02' | 66° 49' | +0 01 | +0 05 | −3.2 | −0.8 | 18.4 | 21.0 | 12.4 |
| 577 | North Head, Grand Manan Island | 44° 46' | 66° 45' | −0 05 | −0 05 | −4.5 | −0.9 | 17.2 | 19.3 | 11.7 |
| 579 | Seal Cove, Grand Manan Island | 44° 37' | 66° 51' | −0 15 | −0 17 | *0.68 | *0.65 | 14.3 | 16.3 | 9.8 |
| 581 | Outer Wood Island <5> | 44° 36' | 66° 48' | −0 25 | −0 27 | −7.8 | −0.8 | 13.8 | 16.2 | 10.1 |
| 583 | Machias Seal Island <5> | 44° 30' | 67° 06' | −0 01 | – – – | −9.6 | −1.7 | 12.9 | 14.5 | 8.8 |
| 585 | Welshpool, Campobello Island <5> | 44° 53' | 66° 57' | −0 01 | +0 06 | −3.5 | −1.0 | 18.3 | 21.2 | 12.1 |
| 587 | Wilsons Beach, Campobello Island <5> | 44° 56' | 66° 56' | +0 00 | +0 01 | −3.7 | +0.1 | 17.0 | 19.4 | 12.6 |
| 589 | Back Bay, Letite Harbour <5> | 45° 03' | 66° 52' | +0 00 | −0 03 | −3.5 | 0.0 | 17.3 | 20.1 | 12.6 |
| 591 | Midjik Bluff, Passamaquoddy Bay <5> | 45° 07' | 66° 54' | +0 12 | +0 17 | −2.0 | −0.5 | 19.3 | 22.0 | 13.1 |
| 593 | St. Andrews, Passamaquoddy Bay <5> | 45° 04' | 67° 03' | +0 14 | +0 20 | −2.3 | 0.0 | 18.5 | 21.2 | 13.2 |
| | MAINE Time meridian, 75° W | | | | **on Eastport, p.28** | | | | | |
| 595 | EASTPORT | 44° 54.2' | 66° 59.1' | | *Daily predictions* | | | 18.35 | 21.18 | 9.6 |
| | *Cobscook Bay* | | | | | | | | | |
| 597 | Garnet Point, Pennamquan River | 44° 55.4' | 67° 07.8' | +0 11 | +0 14 | *1.04 | *1.00 | 19.17 | 22.05 | 10.04 |
| 599 | Coffins Point | 44° 52.2' | 67° 06.5' | +0 31 | +0 33 | *0.94 | *0.77 | 17.3 | 19.7 | 9.0 |
| 601 | Birch Islands | 44° 52.5' | 67° 09.5' | +0 59 | +1 13 | *0.94 | *0.75 | 17.4 | 19.8 | 9.0 |
| 603 | Cutler, Little River | 44° 39.4' | 67° 12.6' | −0 10 | −0 19 | *0.74 | *0.74 | 13.5 | 15.4 | 7.1 |
| 605 | Cutler, Naval Radio Station | 44° 38.5' | 67° 17.8' | −0 06 | −0 15 | *0.70 | *0.70 | 12.8 | 14.6 | 6.8 |
| 607 | Stone Island, Machias Bay | 44° 36.2' | 67° 22.1' | −0 11 | −0 28 | *0.68 | *0.68 | 12.4 | 14.1 | 6.5 |
| 609 | Machiasport, Machias River | 44° 41.9' | 67° 23.6' | +0 01 | −0 09 | *0.69 | *0.69 | 12.6 | 14.4 | 6.6 |
| 611 | Shoppee Point, Englishman Bay | 44° 36.9' | 67° 29.8' | −0 05 | −0 13 | *0.66 | *0.66 | 12.1 | 13.8 | 6.2 |
| | | | | | **on Portland, p.36** | | | | | |
| 613 | Steele Harbor Island | 44° 29.6' | 67° 32.6' | −0 28 | −0 20 | *1.27 | *1.27 | 11.6 | 13.3 | 6.2 |
| 615 | Millbridge, Narraguagus River, Maine | 44° 32.4' | 67° 52.5' | −0 15 | +0 05 | *1.23 | *1.09 | 11.31 | 12.89 | 6.03 |
| 617 | Green Island, Petit Manan Bar | 44° 22.3' | 67° 52.2' | −0 28 | −0 24 | *1.16 | *1.16 | 10.6 | 12.2 | 5.7 |
| 619 | Prospect Harbor | 44° 24' | 68° 01' | −0 24 | −0 15 | *1.15 | *1.15 | 10.5 | 12.1 | 5.7 |
| | | | | | **on Bar Harbor, p.32** | | | | | |
| 621 | Winter Harbor, Frenchman Bay | 44° 23.3' | 68° 05.2' | −0 01 | +0 10 | *0.95 | *0.95 | 10.1 | 11.6 | 5.4 |
| | *Mount Desert Island* | | | | | | | | | |
| 623 | BAR HARBOR | 44° 23.5' | 68° 12.3' | | *Daily Predictions* | | | 10.56 | 12.25 | 5.66 |
| 625 | Southwest Harbor | 44° 16.5' | 68° 18.8' | +0 00 | −0 27 | *0.96 | *0.95 | 10.2 | 11.7 | 5.5 |
| 627 | Bass Harbor | 44° 14.5' | 68° 21.2' | +0 04 | −0 27 | *0.93 | *0.93 | 9.9 | 11.3 | 5.4 |
| | *Blue Hill Bay* | | | | | | | | | |
| 629 | Blue Hill Harbor | 44° 24.5' | 68° 33.8' | +0 09 | +0 11 | *0.95 | *0.95 | 10.1 | 11.6 | 5.4 |
| 631 | Mackerel Cove | 44° 10.2' | 68° 26.1' | +0 02 | −0 27 | *0.94 | *0.93 | 10.0 | 11.5 | 5.4 |
| 633 | Ellsworth, Union River | 44° 32.1' | 68° 25.3' | +0 15 | +0 16 | *1.00 | *0.97 | 10.59 | 12.07 | 5.67 |
| 635 | Burnt Coat Harbor, Swans Island | 44° 08.7' | 68° 27.0' | −0 01 | +0 06 | *0.89 | *0.88 | 9.5 | 10.8 | 5.1 |
| | Penobscot Bay | | | | | | | | | |
| | *Eggemoggin Reach* | | | | | | | | | |
| 637 | Center Harbor | 44° 15.8' | 68° 35.2' | +0 09 | +0 12 | *0.95 | *0.95 | 10.1 | 11.5 | 5.4 |
| 639 | Little Deer Isle | 44° 17.5' | 68° 41.6' | +0 16 | +0 14 | *0.94 | *0.93 | 10.0 | 11.5 | 5.4 |
| 641 | Isle Au Haut | 44° 04.4' | 68° 38.2' | −0 01 | −0 27 | *0.87 | *0.88 | 9.3 | 10.7 | 5.0 |
| 643 | Stonington, Deer Isle | 44° 09.2' | 68° 39.7' | +0 08 | +0 06 | *0.91 | *0.90 | 9.7 | 11.2 | 5.2 |
| 645 | Matinicus Harbor, Wheaton Island | 43° 51.7' | 68° 52.9' | +0 05 | −0 27 | *0.85 | *0.85 | 9.0 | 10.4 | 4.8 |
| 647 | Vinalhaven, Vinalhaven Island | 44° 02.6' | 68° 50.4' | +0 09 | +0 10 | *0.87 | *0.88 | 9.3 | 10.7 | 5.0 |
| 649 | North Haven | 44° 07.6' | 68° 52.4' | +0 13 | +0 10 | *0.91 | *0.90 | 9.7 | 11.2 | 5.3 |
| 651 | Pulpit Harbor, North Haven Island | 44° 09.4' | 68° 53.2' | +0 12 | +0 10 | *0.93 | *0.97 | 9.85 | 11.43 | 5.30 |
| 653 | Castine | 44° 23.2' | 68° 47.8' | +0 15 | +0 11 | *0.95 | *1.00 | 10.1 | 11.6 | 5.4 |
| | *Penobscot River* | | | | | | | | | |
| 655 | Gross Point, Eastern Channel | 44° 32.2' | 68° 45.5' | −0 06 | +0 10 | *0.99 | *0.98 | 10.4 | 12.0 | 5.6 |
| 657 | Bucksport | 44° 34.3' | 68° 48.1' | −0 04 | +0 11 | *1.01 | *1.00 | 10.8 | 12.4 | 5.8 |
| 659 | Winterport | 44° 38.2' | 68° 50.5' | −0 09 | +0 04 | *1.11 | *0.92 | 11.76 | 13.64 | 6.22 |
| 661 | Sandy Point | 44° 40.3' | 68° 48.3' | +0 06 | +0 08 | *0.99 | *0.98 | 10.5 | 12.1 | 5.6 |
| 663 | Bangor | 44° 47.7' | 68° 46.3' | −0 06 | +0 18 | *1.25 | *0.87 | 13.40 | 14.97 | 7.03 |
| 665 | Belfast | 44° 25.6' | 69° 00.3' | +0 09 | +0 04 | *0.97 | *1.03 | 10.23 | 11.66 | 5.51 |
| 667 | Rockland | 44° 06.3' | 69° 06.1' | +0 09 | +0 06 | *0.93 | *1.03 | 9.78 | 11.15 | 5.28 |
| | MAINE, outer coast | | | | **on Portland, p.36** | | | | | |
| 669 | Tenants Harbor | 43° 57.9' | 69° 13.0' | −0 11 | −0 11 | *1.02 | *1.02 | 9.3 | 10.6 | 5.0 |
| 671 | Monhegan Island | 43° 45.9' | 69° 19.3' | −0 13 | −0 09 | *0.97 | *0.97 | 8.8 | 10.1 | 4.7 |
| 673 | Burnt Island, Georges Islands | 43° 52.3' | 69° 17.7' | −0 13 | −0 12 | *0.98 | *0.98 | 8.9 | 10.2 | 4.8 |
| | *St. George River* | | | | | | | | | |
| 675 | Port Clyde | 43° 55.5' | 69° 15.6' | −0 11 | −0 07 | *0.98 | *0.98 | 8.9 | 10.2 | 4.8 |
| 677 | Otis Cove | 43° 59.2' | 69° 14.2' | −0 15 | −0 14 | *1.00 | *1.00 | 9.1 | 10.5 | 4.9 |
| 679 | Thomaston | 44° 04.3' | 69° 10.9' | −0 04 | −0 03 | *1.03 | *1.03 | 9.4 | 10.8 | 5.0 |
| 681 | New Harbor, Muscongus Bay | 43° 52.5' | 69° 29.4' | −0 10 | −0 08 | *0.97 | *0.97 | 8.8 | 10.1 | 4.7 |
| 683 | Muscongus Harbor, Muscongus Sound | 43° 58.0' | 69° 26.5' | −0 09 | −0 03 | *0.99 | *0.99 | 9.0 | 10.4 | 4.8 |
| 685 | Friendship Harbor | 43° 58.2' | 69° 20.5' | −0 18 | −0 11 | *0.99 | *0.99 | 9.0 | 10.4 | 4.8 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | MAINE, outer coast–cont. Time meridian, 75° W | | | | on Portland, p.36 | | | | | |
| | *Medomak River* | | | | | | | | | |
| 687 | Jones Neck | 44° 00.9' | 69° 22.8' | −0 10 | −0 05 | *1.00 | *1.00 | 9.1 | 10.5 | 4.9 |
| 689 | Waldoboro | 44° 05.6' | 69° 22.6' | −0 16 | −0 04 | *1.04 | *1.04 | 9.5 | 10.9 | 5.1 |
| 691 | Pemaquid Harbor, Johns Bay | 43° 52.6' | 69° 31.5' | −0 05 | −0 04 | *0.97 | *0.97 | 8.8 | 10.1 | 4.7 |
| | *Damariscotta River* | | | | | | | | | |
| 693 | East Boothbay | 43° 51.9' | 69° 35.0' | −0 02 | +0 01 | *0.98 | *0.98 | 8.9 | 10.2 | 4.8 |
| 695 | Walpole | 43° 56.0' | 69° 34.8' | +0 06 | +0 14 | *1.03 | *1.06 | 9.35 | 10.66 | 5.05 |
| 697 | Newcastle | 44° 02.0' | 69° 32.2' | +0 16 | +0 25 | *1.02 | *1.02 | 9.3 | 10.7 | 5.0 |
| 699 | Damariscove Harbor, Damariscove Island | 43° 45.5' | 69° 36.9' | −0 09 | −0 10 | *0.97 | *0.97 | 8.8 | 10.1 | 4.7 |
| 701 | Boothbay Harbor | 43° 51.1' | 69° 37.7' | −0 06 | −0 08 | *0.97 | *0.97 | 8.8 | 10.1 | 4.7 |
| 703 | Southport, Townsend Gut | 43° 50.8' | 69° 39.7' | +0 01 | +0 01 | *0.98 | *0.98 | 8.9 | 10.2 | 4.8 |
| | *Sheepscot River* | | | | | | | | | |
| 705 | Isle of Springs | 43° 51.6' | 69° 41.2' | −0 02 | −0 04 | *0.98 | *0.98 | 8.9 | 10.3 | 4.8 |
| 707 | Cross River entrance | 43° 55.5' | 69° 40.2' | +0 07 | +0 04 | *1.00 | *1.00 | 9.1 | 10.5 | 4.9 |
| 709 | Wiscasset | 44° 00.0' | 69° 40.0' | +0 16 | +0 04 | *1.03 | *1.03 | 9.4 | 10.8 | 5.0 |
| 711 | Sheepscot (below rapids) | 44° 03.0' | 69° 37.1' | +0 20 | +0 20 | *1.05 | *1.05 | 9.6 | 11.0 | 5.2 |
| 713 | Back River | 43° 57.5' | 69° 41.1' | +0 34 | +0 31 | *1.00 | *1.00 | 9.1 | 10.5 | 4.9 |
| 715 | Robinhood, Sasanoa River | 43° 51.2' | 69° 44.0' | +0 14 | +0 14 | *0.97 | *0.97 | 8.8 | 10.1 | 4.7 |
| 717 | Mill Point, Sasanoa River | 43° 53.2' | 69° 45.8' | +0 35 | +0 43 | *0.97 | *0.97 | 8.8 | 10.1 | 4.7 |
| | *Kennebec River* | | | | | | | | | |
| 719 | Fort Popham, Hunniwell Point | 43° 45.3' | 69° 47.3' | +0 09 | +0 04 | *0.92 | *0.92 | 8.4 | 9.7 | 4.5 |
| 721 | Phippsburg | 43° 49.1' | 69° 48.6' | +0 26 | +0 28 | *0.88 | *0.88 | 8.0 | 9.2 | 4.3 |
| 723 | Bath | 43° 55.1' | 69° 48.8' | +1 01 | +1 17 | *0.70 | *0.70 | 6.4 | 7.4 | 3.4 |
| 725 | Sturgeon Island, Merrymeeting Bay | 43° 58.9' | 69° 50.1' | +2 00 | +2 04 | *0.58 | *0.58 | 5.3 | 6.1 | 2.8 |
| 727 | Androscoggin River entrance | 43° 57.0' | 69° 53.3' | +2 24 | +3 26 | *0.52 | *0.52 | 4.7 | 5.4 | 2.5 |
| 729 | Brunswick, Androscoggin River | 43° 55.3' | 69° 57.8' | +2 35 | +4 36 | *0.42 | *0.42 | 3.8 | 4.4 | 2.0 |
| 731 | Bowdoinham, Cathance River | 44° 00.5' | 69° 53.7' | +2 34 | +2 42 | *0.63 | *0.63 | 5.7 | 6.6 | 3.1 |
| | Casco Bay | | | | | | | | | |
| 733 | Cundy Harbor, New Meadows River | 43° 47.3' | 69° 53.6' | −0 01 | −0 02 | *0.98 | *0.98 | 8.9 | 10.2 | 4.8 |
| 735 | Howard Point, New Meadows River | 43° 53.4' | 69° 53.0' | −0 05 | +0 01 | *0.99 | *0.99 | 9.0 | 10.3 | 4.8 |
| 737 | South Harpswell, Potts Harbor | 43° 44.3' | 70° 01.4' | +0 02 | +0 01 | *0.98 | *0.98 | 8.9 | 10.2 | 4.8 |
| 739 | Wilson Cove, Middle Bay | 43° 49.5' | 69° 58.6' | +0 02 | +0 02 | *1.00 | *1.00 | 9.1 | 10.5 | 4.9 |
| 741 | South Freeport | 43° 49.2' | 70° 06.2' | +0 12 | +0 10 | *0.99 | *0.99 | 9.0 | 10.3 | 4.8 |
| 743 | Prince Point | 43° 45.7' | 70° 10.4' | +0 00 | +0 01 | *1.00 | *0.99 | 9.19 | 10.57 | 4.90 |
| 745 | Doyle Point | 43° 45.1' | 70° 08.4' | −0 02 | −0 03 | *1.00 | *0.88 | 9.2 | 10.5 | 4.9 |
| 747 | Falmouth Foreside | 43° 43.9' | 70° 12.3' | +0 01 | +0 01 | *1.00 | *0.97 | 9.16 | 10.53 | 4.91 |
| 749 | Great Chebeague Island | 43° 43.3' | 70° 08.5' | +0 02 | +0 02 | *1.00 | *1.03 | 9.11 | 10.48 | 4.91 |
| 751 | Cliff Island, Luckse Sound | 43° 41.7' | 70° 06.6' | −0 02 | −0 02 | *1.00 | *1.00 | 9.1 | 10.4 | 4.9 |
| 753 | Vaill Island | 43° 40.6' | 70° 09.3' | +0 05 | +0 01 | *0.98 | *1.03 | 9.0 | 10.3 | 4.8 |
| 755 | Long Island | 43° 41.4' | 70° 10.2' | −0 01 | −0 01 | *1.00 | *1.00 | 9.09 | 10.45 | 4.89 |
| 757 | Cow Island | 43° 41.4' | 70° 11.4' | −0 01 | +0 00 | *1.00 | *1.00 | 9.11 | 10.48 | 4.89 |
| 759 | Presumpscot River Bridge | 43° 41.4' | 70° 14.8' | +0 01 | +0 04 | *1.01 | *1.06 | 9.2 | 10.6 | 5.0 |
| 761 | Back Cove | 43° 41' | 70° 15' | +0 02 | +0 06 | *0.97 | *0.97 | 9.1 | 10.5 | 4.9 |
| 763 | Great Diamond Island | 43° 40.2' | 70° 12.0' | +0 00 | +0 00 | *1.00 | *1.03 | 9.08 | 10.44 | 4.89 |
| 765 | Peak Island | 43° 39.3' | 70° 12.0' | −0 04 | −0 08 | *0.99 | *0.99 | 9.0 | 10.4 | 4.8 |
| 767 | Cushing Island | 43° 38.7' | 70° 11.9' | +0 01 | +0 01 | *0.99 | *1.03 | 9.02 | 10.37 | 4.87 |
| 769 | PORTLAND | 43° 39.6' | 70° 14.8' | | *Daily predictions* | | | 9.12 | 10.53 | 4.91 |
| 771 | Fore River | 43° 38.5' | 70° 17.1' | +0 02 | +0 02 | *1.00 | *1.03 | 9.16 | 10.53 | 4.93 |
| 773 | Portland Head Light | 43° 37.4' | 70° 12.4' | −0 02 | −0 01 | *0.97 | *1.00 | 8.89 | 10.13 | 4.78 |
| | MAINE, outer coast–cont. | | | | | | | | | |
| 775 | Old Orchard Beach | 43° 31' | 70° 22' | +0 00 | −0 06 | *0.97 | *0.97 | 8.8 | 10.1 | 4.7 |
| 777 | Camp Ellis, Saco River Entrance | 43° 27.7' | 70° 22.9' | +0 03 | +0 10 | *0.97 | *1.00 | 8.92 | 10.17 | 4.79 |
| 779 | Biddeford, Saco River | 43° 29.5' | 70° 26.8' | +0 12 | +0 26 | *0.99 | *0.97 | 9.06 | 10.33 | 4.86 |
| 781 | Cape Porpoise | 43° 22.0' | 70° 25.9' | +0 12 | +0 14 | *0.95 | *0.95 | 8.7 | 9.9 | 4.7 |
| 783 | Kennebunkport | 43° 21.5' | 70° 28.6' | +0 07 | +0 05 | *0.97 | *1.00 | 8.84 | 10.08 | 4.76 |
| 785 | Wells, Webhannet River | 43° 19.2' | 70° 33.8' | +0 06 | +0 02 | *0.96 | *0.97 | 8.81 | 10.04 | 4.73 |
| 787 | Cape Neddick | 43° 10.0' | 70° 35.6' | +0 02 | +0 08 | *0.95 | *1.00 | 8.69 | 9.99 | 4.68 |
| 789 | York Harbor | 43° 07.9' | 70° 38.5' | +0 03 | +0 13 | *0.95 | *0.95 | 8.6 | 9.9 | 4.6 |
| 791 | Fort Point, York Harbor | 43° 07.8' | 70° 38.3' | −0 04 | +0 10 | *0.95 | *0.94 | 8.69 | 9.99 | 4.66 |
| 793 | Seapoint, Cutts Island | 43° 05.1' | 70° 39.7' | +0 01 | −0 04 | *0.96 | *0.96 | 8.8 | 10.1 | 4.7 |
| | MAINE and NEW HAMPSHIRE | | | | | | | | | |
| | *Portsmouth Harbor* | | | | | | | | | |
| 795 | Jaffrey Point | 43° 03.4' | 70° 43.9' | −0 03 | −0 05 | *0.95 | *0.95 | 8.7 | 10.0 | 4.7 |
| 797 | Gerrish Island | 43° 04.0' | 70° 41.7' | −0 02 | −0 03 | *0.95 | *0.95 | 8.7 | 10.0 | 4.7 |
| 799 | Fort Point | 43° 04.3' | 70° 42.7' | +0 03 | +0 07 | *0.94 | *0.94 | 8.6 | 9.9 | 4.6 |
| 801 | Kittery Point | 43° 04.9' | 70° 42.2' | −0 07 | +0 01 | *0.96 | *0.96 | 8.7 | 10.0 | 4.7 |
| 803 | Seavey Island | 43° 05' | 70° 45' | +0 20 | +0 18 | *0.89 | *0.89 | 8.1 | 9.4 | 4.4 |
| 805 | Portsmouth | 43° 04.7' | 70° 45.1' | +0 22 | +0 17 | *0.86 | *0.86 | 7.8 | 9.0 | 4.2 |
| | *Piscataqua River* | | | | | | | | | |
| 807 | Atlantic Heights | 43° 05.4' | 70° 46.0' | +0 37 | +0 28 | *0.82 | *0.82 | 7.5 | 8.6 | 4.0 |
| 809 | Dover Point | 43° 07' | 70° 50' | +1 33 | +1 27 | *0.70 | *0.70 | 6.4 | 7.4 | 3.4 |
| 811 | Dover, Cocheco River | 43° 11.9' | 70° 52.1' | +1 45 | +1 39 | *0.77 | *0.76 | 7.04 | 8.03 | 3.78 |
| 813 | Salmon Falls River | 43° 11.4' | 70° 49.5' | +1 35 | +1 52 | *0.75 | *0.75 | 6.8 | 7.8 | 3.6 |
| 815 | Squamscott River RR. Bridge | 43° 03.2' | 70° 54.8' | +2 19 | +2 41 | *0.75 | *0.75 | 6.8 | 7.8 | 3.6 |
| 817 | Gosport Harbor, Isles of Shoals | 42° 58.7' | 70° 36.9' | +0 02 | −0 02 | *0.93 | *0.93 | 8.5 | 9.8 | 4.5 |
| 819 | Hampton Harbor | 42° 54' | 70° 49' | +0 14 | +0 32 | *0.91 | *0.91 | 8.3 | 9.5 | 4.5 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | MASSACHUSETTS, outer coast<br>Time meridian, 75° W | | | | **on Portland, p.36** | | | | | |
| | *Merrimack River* | | | | | | | | | |
| 821 | Plum Island, Merrimack River Entrance | 42° 49.0' | 70° 49.2' | +0 06 | +0 29 | *0.88 | *0.88 | 8.00 | 9.12 | 4.30 |
| 823 | Newburyport | 42° 48.7' | 70° 51.9' | +0 31 | +1 11 | *0.86 | *0.86 | 7.8 | 9.0 | 4.2 |
| 825 | Salisbury Point | 42° 50.3' | 70° 54.5' | +0 55 | +1 18 | *0.83 | *0.56 | 7.64 | 8.71 | 4.01 |
| 827 | Merrimacport | 42° 49.5' | 70° 59.3' | +1 26 | +2 08 | *0.76 | *0.50 | 7.05 | 8.04 | 3.70 |
| 829 | Riverside | 42° 45.8' | 71° 04.6' | +1 56 | +3 30 | *0.62 | *0.35 | 5.72 | 6.52 | 2.80 |
| 831 | Plum Island Sound (south end) | 42° 42.6' | 70° 47.3' | +0 12 | +0 37 | *0.94 | *0.94 | 8.6 | 9.9 | 4.6 |
| 833 | Essex | 42° 37.9' | 70° 46.6' | +0 22 | +0 31 | *1.00 | *0.94 | 9.18 | 10.47 | 4.90 |
| 835 | Annisquam, Lobster Cove | 42° 39.3' | 70° 40.6' | +0 11 | +0 03 | *0.97 | *0.97 | 8.81 | 10.04 | 4.74 |
| 837 | Rockport | 42° 39.5' | 70° 36.9' | +0 06 | +0 06 | *0.95 | *0.97 | 8.70 | 9.92 | 4.71 |
| | | | | | **on Boston, p.40** | | | | | |
| 839 | Gloucester Harbor | 42° 36.6' | 70° 39.6' | +0 00 | −0 04 | *0.93 | *0.97 | 8.80 | 10.03 | 4.73 |
| 841 | Salem, Salem Harbor | 42° 31.4' | 70° 52.6' | −0 02 | −0 05 | *0.94 | *0.97 | 8.93 | 10.18 | 4.79 |
| 843 | Lynn, Lynn Harbor | 42° 27.5' | 70° 56.6' | +0 01 | −0 03 | *0.97 | *1.00 | 9.16 | 10.44 | 4.92 |
| | Boston Harbor | | | | | | | | | |
| 845 | Boston Light | 42° 19.7' | 70° 53.5' | −0 01 | −0 02 | *0.95 | *0.97 | 9.05 | 10.03 | 4.85 |
| 847 | Deer Island (south end) | 42° 20.7' | 70° 57.5' | +0 01 | +0 00 | *0.97 | *0.97 | 9.3 | 10.8 | 4.9 |
| 849 | BOSTON | 42° 21.3' | 71° 03.1' | | *Daily predictions* | | | 9.49 | 11.07 | 5.09 |
| 851 | Charlestown, Charles River entrance | 42° 22.5' | 71° 03.0' | +0 00 | +0 01 | *1.00 | *1.00 | 9.5 | 11.0 | 5.0 |
| 853 | Amelia Earhart Dam, Mystic River | 42° 23.7' | 71° 04.6' | +0 01 | +0 02 | *1.01 | *0.97 | 9.56 | 10.89 | 5.11 |
| 855 | Chelsea St. Bridge, Chelsea River | 42° 23.2' | 71° 01.4' | +0 01 | +0 06 | *1.01 | *1.01 | 9.6 | 11.1 | 5.1 |
| 857 | Neponset, Neponset River | 42° 17.1' | 71° 02.4' | −0 02 | +0 03 | *1.00 | *1.00 | 9.5 | 11.0 | 5.0 |
| 859 | Moon Head | 42° 18.5' | 70° 59.3' | +0 01 | +0 04 | *0.99 | *0.99 | 9.4 | 10.9 | 5.0 |
| | Hingham Bay | | | | | | | | | |
| 861 | Nut Island, Quincy Bay | 42° 16.8' | 70° 57.3' | +0 01 | +0 01 | *0.99 | *1.00 | 9.42 | 10.74 | 5.05 |
| 863 | Weymouth Fore River Bridge | 42° 14.7' | 70° 58.1' | +0 09 | +0 06 | *1.00 | *1.00 | 9.5 | 11.0 | 5.0 |
| 865 | Crow Point, Hingham Harbor entrance | 42° 15.7' | 70° 53.6' | +0 02 | +0 05 | *0.99 | *0.99 | 9.4 | 10.9 | 5.0 |
| 867 | Hingham | 42° 14.8' | 70° 53.1' | +0 09 | +0 08 | *1.00 | *1.00 | 9.5 | 11.0 | 5.0 |
| 869 | Nantasket Beach, Weir River | 42° 16.2' | 70° 51.6' | +0 06 | +0 07 | *0.99 | *0.99 | 9.4 | 10.9 | 5.0 |
| 871 | Hull | 42° 18.2' | 70° 55.2' | +0 05 | +0 07 | *0.97 | *0.97 | 9.3 | 10.8 | 5.0 |
| | Cohasset Harbor to Davis Bank | | | | | | | | | |
| 873 | Cohasset Harbor (White Head) | 42° 14.9' | 70° 47.0' | +0 04 | −0 02 | *0.92 | *0.92 | 8.8 | 10.2 | 4.7 |
| 875 | Scituate, Scituate Harbor | 42° 12.1' | 70° 43.6' | +0 03 | −0 01 | *0.95 | *1.03 | 8.94 | 10.19 | 4.83 |
| 877 | Damons Point, North River | 42° 09.6' | 70° 44.0' | +0 20 | +0 36 | *0.89 | *0.89 | 8.5 | 9.9 | 4.5 |
| 879 | Brant Rock, Green Harbor River | 42° 05.0' | 70° 38.8' | +0 05 | +0 03 | *0.96 | *1.03 | 9.08 | 10.35 | 4.89 |
| | *Cape Cod Bay* | | | | | | | | | |
| 881 | Duxbury, Duxbury Harbor | 42° 02.3' | 70° 40.2' | +0 06 | +0 33 | *1.04 | *1.03 | 9.89 | 11.27 | 5.30 |
| 883 | Plymouth | 41° 57.6' | 70° 39.7' | +0 04 | +0 18 | *1.03 | *1.00 | 9.76 | 11.13 | 5.22 |
| 885 | Cape Cod Canal, east entrance | 41° 46.3' | 70° 30.4' | −0 01 | −0 03 | *0.91 | *0.68 | 8.74 | 9.96 | 4.59 |
| 887 | Cape Cod Canal, Sagamore | 41° 46.5' | 70° 32.1' | −0 15 | −0 06 | *0.83 | *0.88 | 7.90 | 9.01 | 4.25 |
| 889 | Cape Cod Canal, Bournedale | 41° 46.2' | 70° 33.7' | −0 29 | −0 21 | *0.66 | *0.79 | 6.18 | 7.05 | 3.37 |
| 891 | Cape Cod Canal, Bourne Bridge | 41° 44.7' | 70° 35.6' | −1 13 | −0 24 | *0.46 | *0.79 | 4.29 | 4.89 | 2.42 |
| 893 | Barnstable Harbor, Beach Point | 41° 43.3' | 70° 17.1' | +0 11 | +0 30 | *1.00 | *1.00 | 9.5 | 11.0 | 5.0 |
| 895 | Sesuit Harbor, East Dennis | 41° 45.1' | 70° 09.3' | +0 02 | −0 01 | *1.02 | *0.82 | 9.73 | 11.09 | 5.14 |
| 897 | Wellfleet | 41° 55.8' | 70° 02.5' | +0 14 | +0 30 | *1.05 | *1.05 | 10.0 | 11.6 | 5.4 |
| 899 | Provincetown | 42° 03' | 70° 11' | +0 16 | +0 18 | *0.95 | *0.95 | 9.1 | 10.6 | 4.8 |
| | *Cape Cod* | | | | | | | | | |
| 901 | Chatham, Stage Harbor | 41° 40.0' | 69° 58.0' | +0 46 | +0 19 | *0.43 | *0.43 | 3.95 | 4.50 | 2.23 |
| 903 | Chatham Harbor, Aunt Lydias Cove | 41° 41.6' | 69° 57.0' | +1 08 | +1 57 | *0.48 | *0.35 | 4.63 | 5.27 | 2.43 |
| 905 | Pleasant Bay | 41° 44.2' | 69° 58.9' | +2 28 | +3 27 | *0.34 | *0.34 | 3.2 | 3.7 | 1.7 |
| 907 | Georges Shoal, Texas Tower | 41° 41.3' | 67° 45.6' | −0 47 | −0 43 | *0.44 | *0.44 | 4.2 | 4.8 | 2.2 |
| | Nantucket Sound, north side | | | | | | | | | |
| 909 | Stage Harbor | 41° 39.9' | 69° 58.2' | +0 57 | +0 48 | *0.41 | *0.41 | 3.9 | 4.7 | 2.0 |
| 911 | Saquatucket Harbor | 41° 40.1' | 70° 03.4' | +0 46 | +0 16 | *0.41 | *0.41 | 3.72 | 4.24 | 2.14 |
| 913 | Wychmere Harbor | 41° 39.9' | 70° 03.9' | +0 52 | +0 25 | *0.39 | *0.39 | 3.7 | 4.3 | 1.9 |
| 915 | Dennisport | 41° 39.5' | 70° 06.9' | +1 03 | +0 38 | *0.36 | *0.36 | 3.4 | 4.1 | 1.8 |
| 917 | South Yarmouth, Bass River | 41° 39.9' | 70° 11.0' | +1 48 | +1 46 | *0.29 | *0.29 | 2.8 | 3.4 | 1.5 |
| 919 | Hyannis Port | 41° 37.8' | 70° 18.0' | +1 03 | +0 31 | *0.32 | *0.32 | 3.1 | 3.7 | 1.6 |
| 921 | Cotuit Highlands | 41° 36.5' | 70° 26.2' | +1 17 | +0 47 | *0.26 | *0.26 | 2.5 | 3.0 | 1.3 |
| 923 | Poponesset Island, Poponesset Bay | 41° 35.2' | 70° 27.8' | +2 03 | +1 52 | *0.24 | *0.24 | 2.3 | 2.8 | 1.2 |
| 925 | Falmouth Heights | 41° 32.7' | 70° 35.9' | −0 16 | −0 09 | *0.14 | *0.14 | 1.3 | 1.6 | 0.6 |
| | Nantucket Island | | | | | | | | | |
| 927 | Great Point | 41° 23.2' | 70° 02.8' | +0 43 | +0 28 | *0.32 | *0.32 | 3.1 | 3.7 | 1.6 |
| 929 | NANTUCKET | 41° 17.1' | 70° 05.8' | | *Daily predictions, p.44* | | | 3.0 | 3.36 | 1.7 |
| 931 | Eel Point | 41° 17.5' | 70° 12.5' | +0 39 | +0 07 | *0.24 | *0.24 | 2.3 | 2.7 | 1.2 |
| 933 | Muskeget Island, north side | 41° 20.2' | 70° 18.3' | +0 25 | +0 15 | *0.21 | *0.21 | 2.0 | 2.4 | 1.1 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

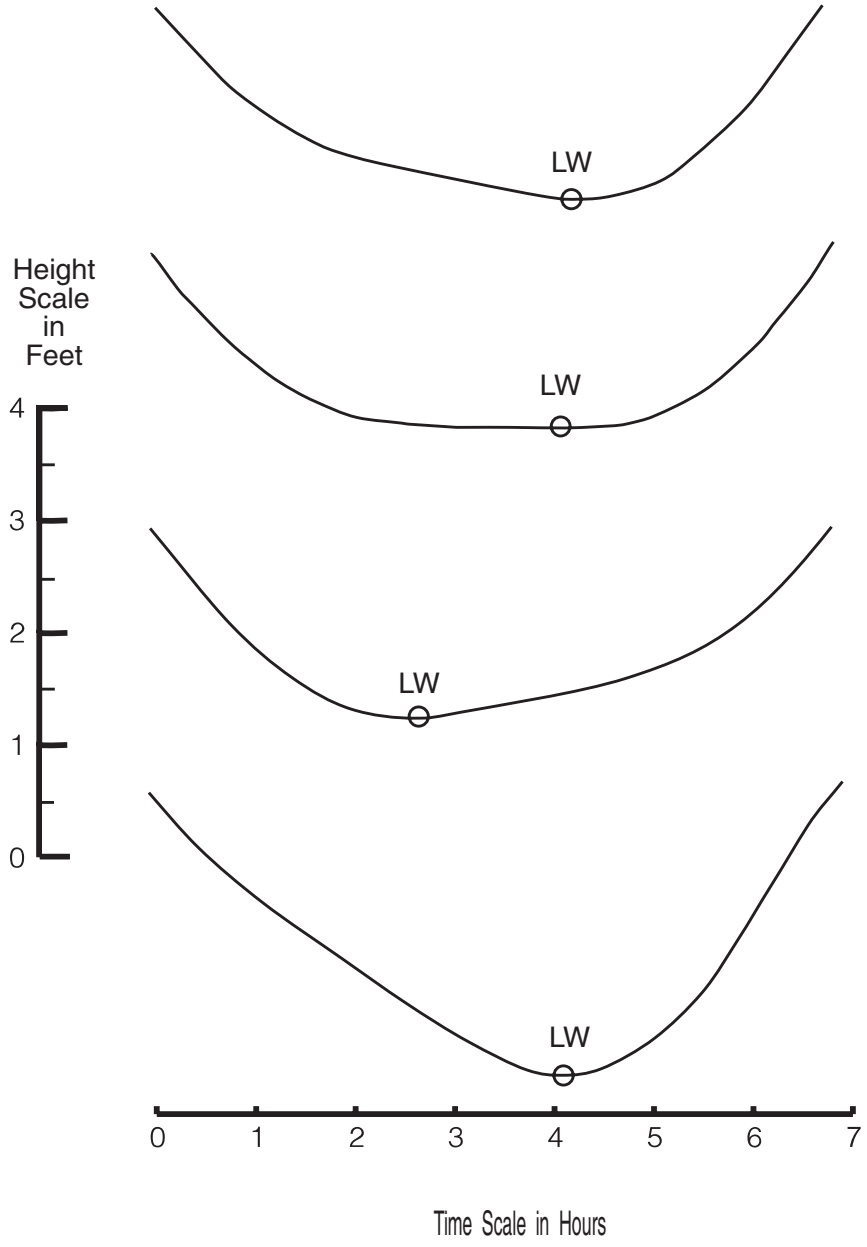
| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | MASSACHUSETTS<br>Martha's Vineyard<br>Time meridian, 75° W | | | | **on Newport, p.52** | | | | | |
| 935 | Wasque Point, Chappaquiddick Island | 41° 21.8' | 70° 27.0' | +2 02 | +3 20 | *0.31 | *0.31 | 1.1 | 1.4 | 0.6 |
| 937 | Squibnocket Point | 41° 18.7' | 70° 46.1' | −0 45 | −0 02 | *0.82 | *0.82 | 2.9 | 3.7 | 1.6 |
| 939 | Nomans Land | 41° 15.7' | 70° 49.0' | −0 19 | +0 18 | *0.85 | *0.85 | 3.0 | 3.6 | 1.6 |
| 941 | Gay Head | 41° 21.2' | 70° 49.8' | −0 06 | +0 45 | *0.82 | *0.82 | 2.9 | 3.5 | 1.5 |
| 943 | Cedar Tree Neck | 41° 26.1' | 70° 41.8' | +0 10 | +1 32 | *0.62 | *0.62 | 2.2 | 2.8 | 1.2 |
| | | | | | **on Boston, p.40** | | | | | |
| 945 | Oak Bluffs | 41° 27.5' | 70° 33.3' | +0 32 | −0 12 | *0.18 | *0.18 | 1.7 | 2.0 | 0.9 |
| 947 | Edgartown | 41° 23.3' | 70° 30.7' | +0 57 | +0 18 | *0.20 | *0.20 | 1.9 | 2.3 | 1.0 |
| | Vineyard Sound | | | | **on Newport, p.52** | | | | | |
| | *Woods Hole* | | | | | | | | | |
| 949 | Little Harbor | 41° 31.2' | 70° 39.9' | +0 32 | +2 21 | *0.40 | *0.40 | 1.4 | 1.8 | 0.8 |
| 951 | OCEANOGRAPHIC INSTITUTION | 41° 31.4' | 70° 40.3' | | *Daily predictions, p.48* | | | 1.8 | 2.33 | 1.0 |
| 953 | Uncatena Island (south side) | 41° 30.9' | 70° 42.2' | +0 12 | +0 22 | *1.02 | *1.02 | 3.6 | 4.5 | 1.9 |
| 955 | Quicks Hole, North side | 41° 26.9' | 70° 51.4' | −0 08 | −0 08 | *0.99 | *0.99 | 3.5 | 4.4 | 1.8 |
| 957 | Cuttyhunk | 41° 25.5' | 70° 55.0' | +1 20 | +1 15 | *0.97 | *0.93 | 3.37 | 4.25 | 1.81 |
| | Buzzards Bay | | | | | | | | | |
| 959 | Penikese Island | 41° 27.0' | 70° 55.3' | −0 17 | −0 16 | *0.97 | *0.97 | 3.4 | 4.2 | 1.8 |
| 961 | Chappaquoit Point, West Falmouth Harbor | 41° 36.3' | 70° 39.1' | +0 06 | +0 08 | *1.11 | *1.14 | 3.82 | 4.70 | 2.07 |
| 963 | Monument Beach | 41° 42.9' | 70° 37.0' | +0 16 | +0 30 | *1.15 | *1.15 | 3.97 | 5.00 | 2.17 |
| 965 | Gray Gables | 41° 44.1' | 70° 37.4' | +0 37 | +1 16 | *1.05 | *1.21 | 3.62 | 4.45 | 1.98 |
| 967 | Cape Cod Canal, RR. bridge <6> | 41° 44.5' | 70° 37.0' | +1 17 | +2 50 | *1.01 | *1.01 | 3.43 | 4.22 | 1.93 |
| 969 | Onset Beach, Onset Bay | 41° 44.5' | 70° 39.5' | +0 41 | +1 25 | *1.03 | *1.03 | 3.50 | 4.41 | 1.97 |
| 971 | Great Hill | 41° 42.7' | 70° 42.9' | +0 12 | +0 12 | *1.14 | *1.21 | 3.96 | 4.99 | 2.15 |
| 973 | Marion, Sippican Harbor | 41° 43.2' | 70° 45.6' | +0 10 | +0 12 | *1.13 | *1.29 | 4.0 | 4.9 | 2.2 |
| 975 | Piney Point | 41° 41.7' | 70° 43.2' | +0 10 | +0 10 | *1.13 | *1.21 | 3.91 | 4.81 | 2.13 |
| 977 | Mattapoisett, Mattapoisett Harbor | 41° 39' | 70° 49' | +0 11 | +0 20 | *1.09 | *1.00 | 3.9 | 4.8 | 2.1 |
| 979 | Clarks Point | 41° 35.6' | 70° 54.0' | +0 14 | +0 23 | *1.03 | *1.07 | 3.56 | 4.49 | 1.93 |
| 981 | New Bedford | 41° 38.4' | 70° 55.1' | +0 07 | +0 07 | *1.05 | *1.05 | 3.7 | 4.6 | 1.9 |
| 983 | Round Hill Point | 41° 32.3' | 70° 55.7' | +0 14 | +0 22 | *0.99 | *1.00 | 3.43 | 4.32 | 1.85 |
| | *Westport River* | | | | | | | | | |
| 985 | Westport Harbor | 41° 31' | 71° 05' | +0 09 | +0 33 | *0.85 | *0.85 | 3.0 | 3.7 | 1.6 |
| 987 | Hix Bridge, East Branch | 41° 34.2' | 71° 04.4' | +1 40 | +2 30 | *0.77 | *0.77 | 2.7 | 3.4 | 1.4 |
| | RHODE ISLAND, and MASSACHUSETTS<br>Narragansett Bay | | | | | | | | | |
| | *Sakonnet River* | | | | | | | | | |
| 989 | Sakonnet | 41° 27.9' | 71° 11.6' | −0 09 | +0 13 | *0.91 | *0.86 | 3.17 | 3.99 | 1.70 |
| 991 | Sachuest, Flint Point | 41° 29.2' | 71° 14.3' | −0 05 | +0 15 | *0.90 | *0.93 | 3.13 | 3.94 | 1.69 |
| 993 | The Glen | 41° 33.5' | 71° 14.2' | −0 13 | −0 03 | *0.98 | *1.00 | 3.40 | 4.28 | 1.84 |
| 995 | Nannaquaket Neck | 41° 37.1' | 71° 12.2' | −0 12 | −0 13 | *1.01 | *1.01 | 3.50 | 4.41 | 1.91 |
| 997 | Anthony Point | 41° 38.3' | 71° 12.7' | +0 00 | −0 01 | *1.09 | *1.09 | 3.75 | 4.73 | 2.05 |
| 999 | North End, Bay Oil pier | 41° 39.1' | 71° 12.6' | +0 20 | +0 01 | *1.20 | *1.07 | 4.17 | 5.25 | 2.24 |
| 1001 | Castle Hill | 41° 27.8' | 71° 21.7' | −0 05 | +0 13 | *0.94 | *1.00 | 3.25 | 4.10 | 1.77 |
| 1003 | NEWPORT | 41° 30.3' | 71° 19.6' | | *Daily predictions* | | | 3.47 | 4.38 | 1.87 |
| | *Conanicut Island* | | | | | | | | | |
| 1005 | Beavertail Point | 41° 27.1' | 71° 24.1' | −0 05 | +0 04 | *0.98 | *0.98 | 3.34 | 4.21 | 1.86 |
| 1007 | West Jamestown, Dutch Island Harbor | 41° 29.8' | 71° 23.2' | +0 05 | +0 04 | *1.00 | *1.00 | 3.46 | 4.36 | 1.87 |
| 1009 | Conanicut Point | 41° 34.4' | 71° 22.3' | +0 07 | −0 06 | *1.07 | *1.07 | 3.8 | 4.7 | 2.0 |
| 1011 | Prudence Island, (south end) | 41° 34.8' | 71° 19.3' | +0 08 | −0 03 | *1.08 | *1.14 | 3.74 | 4.71 | 2.03 |
| 1013 | Bristol Ferry | 41° 38.2' | 71° 15.3' | +0 15 | +0 00 | *1.17 | *1.14 | 4.08 | 5.14 | 2.20 |
| 1015 | Bristol, Bristol Harbor | 41° 40.1' | 71° 16.7' | +0 13 | +0 00 | *1.16 | *1.14 | 4.1 | 5.1 | 2.2 |
| 1017 | Bristol Highlands | 41° 41.8' | 71° 17.6' | +0 08 | −0 07 | *1.18 | *1.21 | 4.2 | 5.2 | 2.2 |
| 1019 | Fall River, Massachusetts | 41° 42.3' | 71° 09.8' | +0 18 | +0 03 | *1.25 | *1.21 | 4.36 | 5.41 | 2.35 |
| 1021 | Steep Brook, Taunton River | 41° 44.4' | 71° 07.9' | +0 26 | +0 05 | *1.30 | *1.29 | 4.51 | 5.68 | 2.44 |
| 1023 | Bay Spring, Bullock Cove | 41° 45.1' | 71° 21.1' | +0 12 | +0 01 | *1.22 | *1.21 | 4.25 | 5.23 | 2.30 |
| 1025 | Pawtuxet, Pawtuxet Cove | 41° 45.7' | 71° 23.3' | +0 06 | −0 11 | *1.25 | *1.29 | 4.35 | 5.35 | 2.35 |
| 1027 | Providence, State Pier no.1 | 41° 48.4' | 71° 24.1' | +0 13 | +0 00 | *1.27 | *1.29 | 4.41 | 5.63 | 2.40 |
| 1029 | Rumford, Seekonk River | 41° 50.4' | 71° 22.4' | +0 12 | +0 06 | *1.34 | *1.29 | 4.66 | 5.73 | 2.51 |
| 1031 | Pawtucket, Seekonk River | 41° 52.1' | 71° 22.8' | +0 18 | +0 09 | *1.31 | *1.29 | 4.6 | 5.8 | 2.5 |
| 1033 | East Greenwich | 41° 39.9' | 71° 26.7' | +0 13 | +0 03 | *1.14 | *1.14 | 4.0 | 5.0 | 2.1 |
| 1035 | Wickford | 41° 34.3' | 71° 26.7' | +0 03 | −0 06 | *1.07 | *1.07 | 3.71 | 4.56 | 2.01 |
| 1037 | Watson Pier, Boston Neck | 41° 27.6' | 71° 25.7' | −0 03 | +0 16 | *0.96 | *0.93 | 3.32 | 4.18 | 1.79 |
| 1039 | Narragansett Pier | 41° 25.3' | 71° 27.3' | −0 11 | +0 11 | *0.91 | *0.93 | 3.2 | 4.0 | 1.7 |
| | RHODE ISLAND, Outer Coast | | | | | | | | | |
| 1041 | Point Judith, Harbor of Refuge | 41° 21.8' | 71° 29.4' | +0 00 | +0 33 | *0.87 | *0.93 | 3.00 | 3.13 | 1.63 |
| 1043 | Block Island (Old Harbor) | 41° 10.4' | 71° 33.4' | −0 13 | +0 15 | *0.82 | *0.86 | 2.85 | 3.51 | 1.54 |
| 1045 | Southwest Point, Block Island | 41° 09.8' | 71° 36.6' | +0 05 | +0 42 | *0.75 | *0.79 | 2.60 | 3.20 | 1.41 |
| 1047 | Weekapaug Point, Block Island Sound | 41° 19.7' | 71° 45.7' | +0 41 | +1 06 | *0.74 | *0.93 | 2.53 | 3.11 | 1.39 |
| 1049 | Watch Hill Point | 41° 18.3' | 71° 51.6' | +0 41 | +1 16 | *0.74 | *0.71 | 2.6 | 3.2 | 1.4 |
| | | | | | **on New London, p.60** | | | | | |
| 1051 | Westerly, Pawcatuck River | 41° 22.9' | 71° 49.9' | −0 21 | +0 03 | *1.02 | *1.00 | 2.6 | 3.1 | 1.5 |

Endnotes can be found at the end of table 2.

# CAUTION

## Cape Cod Canal, Railroad Bridge, No. 967

Predictions of the times of low water must be used with caution because of the peculiarities in the behavior of the tide. Since the tide may be practically at a stand for as much as two hours before or after the predicted times of low water, the levels at other than high and low water times cannot be obtained in the usual way as in Table 3 (Height of Tide at Any Time). The peculiar behavior of the tide near low water, which is prevalent at this place, is illustrated by the first three curves; however there are brief periods each month when the behavior is as depicted by the fourth curve.



# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | CONNECTICUT, Long Island Sound<br>Time meridian, 75° W | | | | **on New London, p.60** | | | | | |
| 1053 | Silver Eel Pond, Fishers Island, N.Y. | 41° 15.4' | 72° 01.8' | −0 04 | −0 04 | *0.91 | *1.00 | 2.33 | 2.83 | 1.37 |
| | *Thames River* | | | | | | | | | |
| 1055 | NEW LONDON, State Pier | 41° 21.6' | 72° 05.5' | | *Daily predictions* | | | 2.56 | 3.09 | 1.47 |
| 1057 | Yale boathouse | 41° 25.8' | 72° 05.6' | +0 14 | +0 10 | *1.07 | *1.11 | 2.73 | 3.22 | 1.57 |
| 1059 | Norwich | 41° 31.4' | 72° 04.7' | +0 24 | +0 19 | *1.18 | *1.21 | 3.03 | 3.57 | 1.75 |
| 1061 | Niantic, Niantic River | 41° 19.5' | 72° 11.2' | +0 52 | +0 57 | *0.99 | *0.84 | 2.58 | 3.04 | 1.44 |
| | *Connecticut River* | | | | | | | | | |
| 1063 | Saybrook Jetty | 41° 15.8' | 72° 20.6' | +1 11 | +0 45 | *1.36 | *1.35 | 3.5 | 4.2 | 2.0 |
| 1065 | Saybrook Point | 41° 17.0' | 72° 21.0' | +1 11 | +0 53 | *1.24 | *1.25 | 3.2 | 3.8 | 1.8 |
| 1067 | Lyme, highway bridge | 41° 19.3' | 72° 21.0' | +1 36 | +1 09 | *1.26 | *0.95 | 3.31 | 3.91 | 1.83 |
| 1069 | Essex <7> | 41° 20.9' | 72° 23.1' | +1 39 | +1 38 | *1.16 | *1.15 | 3.0 | 3.6 | 1.7 |
| 1071 | Hadlyme <7> | 41° 25.2' | 72° 25.7' | +2 19 | +2 23 | *1.05 | *1.05 | 2.7 | 3.2 | 1.5 |
| 1073 | Tylerville <7> | 41° 27.1' | 72° 27.9' | +2 38 | +2 51 | *1.02 | *1.02 | 2.71 | 3.20 | 1.46 |
| 1075 | Haddam <7> | 41° 28.9' | 72° 30.4' | +2 48 | +3 08 | *0.97 | *0.95 | 2.5 | 3.0 | 1.4 |
| 1077 | Higganum Creek <7> | 41° 30.2' | 72° 33.2' | +3 08 | +3 40 | *0.91 | *0.91 | 2.40 | 2.83 | 1.30 |
| 1079 | Maromas <7> | 41° 32.5' | 72° 33.1' | +3 25 | +4 01 | *0.91 | *0.91 | 2.41 | 2.84 | 1.31 |
| 1081 | Middletown <7> | 41° 33.6' | 72° 38.7' | +3 54 | +4 39 | *0.83 | *0.83 | 2.17 | 2.56 | 1.19 |
| 1083 | Rocky Hill <7> | 41° 39.8' | 72° 37.8' | +4 30 | +5 36 | *0.72 | *0.63 | 1.88 | 2.22 | 1.07 |
| 1085 | South Hartford <7> | 41° 45.3' | 72° 39.5' | +5 24 | +6 54 | *0.74 | *0.58 | 1.94 | 2.29 | 1.07 |
| 1087 | Hartford <7> | 41° 46.2' | 72° 40.1' | +5 30 | +6 52 | *0.74 | *0.75 | 1.9 | 2.3 | 1.1 |
| | | | | | **on Bridgeport, p.64** | | | | | |
| 1089 | Westbrook, Duck Island Roads | 41° 16.4' | 72° 28.5' | −0 24 | −0 32 | *0.61 | *0.60 | 4.1 | 4.7 | 2.2 |
| 1091 | Madison | 41° 16.2' | 72° 36.2' | −0 21 | −0 30 | *0.73 | *0.72 | 4.9 | 5.6 | 2.6 |
| 1093 | Guilford Harbor | 41° 16.3' | 72° 40.0' | −0 11 | −0 21 | *0.77 | *0.96 | 5.19 | 5.92 | 2.83 |
| 1095 | Sachem Head | 41° 14.7' | 72° 42.5' | −0 11 | −0 15 | *0.80 | *0.80 | 5.4 | 6.2 | 2.9 |
| 1097 | Branford, Branford River | 41° 15.7' | 72° 49.1' | −0 05 | −0 13 | *0.87 | *0.96 | 5.85 | 6.67 | 3.15 |
| 1099 | Lighthouse Point, New Haven Harbor | 41° 15.1' | 72° 54.3' | −0 04 | −0 07 | *0.91 | *0.96 | 6.12 | 6.98 | 3.29 |
| 1101 | New Haven Harbor, New Haven Reach | 41° 17.0' | 72° 54.5' | −0 01 | −0 06 | *0.92 | *1.00 | 6.15 | 7.11 | 3.32 |
| 1103 | Gulf Beach | 41° 12.3' | 72° 02.5' | −0 05 | −0 08 | *0.94 | *1.04 | 6.29 | 7.17 | 3.40 |
| 1105 | Milford Harbor | 41° 13.1' | 73° 03.3' | −0 02 | −0 03 | *0.94 | *1.04 | 6.32 | 7.20 | 3.41 |
| | *Housatonic River* | | | | | | | | | |
| 1107 | Sniffens Point | 41° 11.2' | 73° 06.8' | +0 10 | +0 09 | *0.96 | *1.00 | 6.43 | 7.33 | 3.46 |
| 1109 | Stratford, I–95 bridge | 41° 12.2' | 73° 06.7' | +0 23 | +0 23 | *0.98 | *1.00 | 6.58 | 7.50 | 3.53 |
| 1111 | Long Hill | 41° 16.5' | 73° 05.3' | +0 43 | +1 13 | *1.02 | *1.04 | 6.85 | 7.81 | 3.67 |
| 1113 | Shelton | 41° 18.1' | 73° 04.3' | +0 46 | +1 19 | *1.04 | *0.96 | 7.01 | 7.99 | 3.74 |
| 1115 | BRIDGEPORT | 41° 10.4' | 73° 10.9' | | *Daily predictions* | | | 6.74 | 7.80 | 3.61 |
| 1117 | South Norwalk | 41° 05.9' | 73° 24.9' | +0 09 | +0 15 | *1.05 | *1.04 | 7.1 | 8.2 | 3.8 |
| 1119 | Rowayton, Fivemile River | 41° 03.9' | 73° 26.7' | +0 00 | +0 05 | *1.05 | *1.08 | 7.09 | 8.08 | 3.80 |
| 1121 | Long Neck Point | 41° 02.3' | 73° 28.8' | −0 09 | +0 01 | *1.06 | *0.96 | 7.17 | 8.17 | 3.82 |
| 1123 | Stamford | 41° 02.3' | 73° 32.8' | +0 03 | +0 08 | *1.07 | *1.08 | 7.2 | 8.3 | 3.9 |
| 1125 | Cos Cob Harbor | 41° 01.0' | 73° 35.8' | +0 05 | +0 11 | *1.07 | *1.08 | 7.2 | 8.3 | 3.9 |
| | NEW YORK<br>Long Island Sound, north side | | | | **on Kings Point, p.68** | | | | | |
| 1127 | Rye Beach | 40° 57.7' | 73° 40.3' | −0 20 | −0 27 | *1.00 | *0.86 | 7.29 | 7.89 | 3.88 |
| 1129 | New Rochelle | 40° 53.6' | 73° 46.9' | −0 16 | −0 18 | *1.01 | *0.93 | 7.29 | 8.46 | 3.90 |
| 1131 | Throgs Neck | 40° 48.3' | 73° 47.7' | +0 11 | +0 15 | *0.98 | *1.11 | 7.0 | 8.2 | 3.8 |
| | East River | | | | | | | | | |
| 1133 | Whitestone | 40° 47.9' | 73° 48.8' | +0 07 | +0 09 | *1.00 | *1.04 | 7.1 | 8.3 | 3.8 |
| 1135 | College Point, Flushing Bay | 40° 47.0' | 73° 51.4' | +0 17 | +0 16 | *0.95 | *1.04 | 6.8 | 7.9 | 3.7 |
| 1137 | Hunts Point | 40° 48.0' | 73° 52.4' | +0 12 | +0 10 | *0.97 | *1.07 | 6.92 | 7.57 | 3.75 |
| 1139 | North Brother Island | 40° 48.1' | 73° 54.0' | +0 18 | +0 18 | *0.93 | *1.11 | 6.6 | 7.8 | 3.6 |
| 1141 | Port Morris (Stony Point) | 40° 48.1' | 73° 54.4' | +0 07 | +0 10 | *0.87 | *0.96 | 6.24 | 6.85 | 3.39 |
| | | | | | **on New York, p.72** | | | | | |
| 1143 | Hell Gate, Wards Island | 40° 47.2' | 73° 55.3' | +2 58 | +3 45 | *1.33 | *1.59 | 6.0 | 7.3 | 3.4 |
| 1145 | Horns Hook, East 90th Street | 40° 46.6' | 73° 56.5' | +1 54 | +1 34 | *1.03 | *0.90 | 4.68 | 5.18 | 2.53 |
| 1147 | Queensboro Bridge | 40° 45.5' | 73° 57.5' | +1 23 | +0 57 | *0.96 | *1.00 | 4.33 | 5.24 | 2.38 |
| 1149 | East 41st Street, New York City | 40° 44.8' | 73° 58.1' | +1 03 | +0 46 | *0.95 | *1.09 | 4.31 | 4.89 | 2.40 |
| 1151 | Hunters Point, Newtown Creek | 40° 44.4' | 73° 57.7' | +1 22 | +0 56 | *0.89 | *0.90 | 4.1 | 4.9 | 2.2 |
| 1153 | Williamsburg Bridge | 40° 42.7' | 73° 58.1' | +0 45 | +0 28 | *0.93 | *0.95 | 4.22 | 5.11 | 2.31 |
| 1155 | Wallabout Bay, Brooklyn Navy Yard | 40° 42.4' | 73° 58.5' | +0 32 | +0 22 | *0.94 | *1.05 | 4.3 | 5.2 | 2.4 |
| 1157 | Brooklyn Bridge | 40° 42.2' | 73° 59.3' | +0 24 | −0 04 | *0.99 | *1.00 | 4.53 | 5.13 | 2.48 |
| 1159 | Harlem River, Randalls Island | 40° 48.0' | 73° 55.7' | +1 42 | +1 27 | *1.02 | *1.09 | 4.6 | 5.6 | 2.6 |
| | Long Island, Long Island Sound | | | | **on Kings Point, p.68** | | | | | |
| 1161 | Willets Point | 40° 47.6' | 73° 46.9' | −0 01 | +0 00 | *1.00 | *1.04 | 7.15 | 8.21 | 3.88 |
| 1163 | KINGS POINT | 40° 48.6' | 73° 45.9' | | *Daily predictions* | | | 7.16 | 8.46 | 3.86 |
| 1165 | Port Washington, Manhasset Bay | 40° 49.9' | 73° 42.2' | −0 12 | −0 12 | *1.02 | *0.96 | 7.29 | 8.46 | 3.92 |
| 1167 | Glen Cove, Hempstead Harbor | 40° 51.8' | 73° 39.3' | −0 22 | −0 26 | *1.01 | *0.82 | 7.27 | 7.87 | 3.87 |
| | | | | | **on Bridgeport, p.64** | | | | | |
| | *Oyster Bay* | | | | | | | | | |
| 1169 | Oyster Bay Harbor | 40° 53' | 73° 32' | +0 07 | +0 13 | *1.08 | *1.08 | 7.3 | 8.4 | 3.9 |
| 1171 | Bayville Bridge | 40° 54.2' | 73° 33.0' | −0 06 | +0 04 | *1.09 | *1.04 | 7.37 | 7.99 | 3.94 |
| 1173 | Cold Spring Harbor | 40° 52.4' | 73° 28.2' | −0 07 | +0 02 | *1.07 | *0.92 | 7.27 | 7.86 | 3.86 |
| 1175 | Eatons Neck Point | 40° 57.2' | 73° 24.0' | +0 02 | +0 08 | *1.05 | *1.04 | 7.1 | 8.2 | 3.9 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | NEW YORK<br>Long Island, Long Island Sound–cont.<br>Time meridian, 75° W | | | | **on Bridgeport, p.64** | | | | | |
| 1177 | Lloyd Harbor, Huntington Bay | 40° 54.6' | 73° 25.9' | −0 01 | +0 07 | *1.04 | *0.88 | 7.02 | 7.60 | 3.73 |
| 1179 | Northport, Northport Bay | 40° 54.0' | 73° 21.2' | −0 05 | +0 04 | *1.07 | *0.92 | 7.25 | 7.84 | 3.86 |
| 1181 | Port Jefferson Harbor entrance | 40° 58' | 73° 05' | +0 02 | +0 01 | *0.98 | *0.98 | 6.6 | 7.6 | 3.5 |
| 1183 | Port Jefferson | 40° 57.0' | 73° 04.6' | +0 04 | +0 05 | *0.98 | *0.92 | 6.61 | 7.70 | 3.53 |
| 1185 | Cedar Beach | 40° 57.9' | 73° 02.6' | +0 07 | +0 05 | *0.96 | *1.00 | 6.43 | 7.01 | 3.46 |
| 1187 | Mount Sinai Harbor | 40° 57.8' | 73° 02.4' | +0 04 | +0 18 | *0.89 | *0.88 | 6.0 | 6.9 | 3.2 |
| 1189 | Northville | 40° 58.9' | 72° 38.7' | +0 05 | −0 03 | *0.80 | *0.92 | 5.35 | 6.10 | 2.89 |
| 1191 | Mattituck Inlet | 41° 00.9' | 72° 33.7' | +0 04 | −0 04 | *0.77 | *0.76 | 5.2 | 6.0 | 2.8 |
| 1193 | Hashamomuck Beach | 41° 05.7' | 72° 23.9' | +0 03 | −0 13 | *0.64 | *0.64 | 4.2 | 4.8 | 2.3 |
| | | | | | **on New London, p.60** | | | | | |
| 1195 | Plum Gut Harbor, Plum Island | 41° 10.3' | 72° 12.3' | +0 28 | +0 16 | *1.01 | *1.01 | 2.6 | 3.1 | 1.5 |
| 1197 | Little Gull Island | 41° 12.4' | 72° 06.1' | +0 13 | −0 22 | *0.85 | *0.85 | 2.2 | 2.6 | 1.3 |
| | *Shelter Island Sound* | | | | | | | | | |
| 1199 | Orient | 41° 08' | 72° 18' | +0 37 | +0 36 | *0.97 | *0.97 | 2.5 | 3.0 | 1.4 |
| 1201 | Greenport | 41° 06' | 72° 22' | +1 05 | +0 49 | *0.93 | *0.95 | 2.4 | 2.9 | 1.4 |
| 1203 | Southold | 41° 04' | 72° 25' | +1 44 | +1 33 | *0.89 | *0.89 | 2.3 | 2.7 | 1.3 |
| 1205 | Noyack Bay | 41° 00' | 72° 20' | +2 06 | +1 44 | *0.89 | *0.89 | 2.3 | 2.7 | 1.3 |
| 1207 | Sag Harbor | 41° 00.2' | 72° 17.8' | +1 00 | +0 48 | *0.97 | *0.97 | 2.5 | 3.0 | 1.4 |
| | *Peconic Bays* | | | | | | | | | |
| 1209 | New Suffolk | 41° 00' | 72° 28' | +2 27 | +2 11 | *1.01 | *1.00 | 2.6 | 3.1 | 1.5 |
| 1211 | South Jamesport | 40° 56.1' | 72° 34.9' | +2 34 | +2 43 | *1.07 | *0.95 | 2.79 | 3.29 | 1.57 |
| 1213 | Threemile Harbor entrance, Gardiners Bay | 41° 02.1' | 72° 11.4' | +0 39 | +0 19 | *0.96 | *1.00 | 2.48 | 2.98 | 1.44 |
| 1215 | Lake Montauk | 41° 04.4' | 71° 56.1' | −0 26 | −0 22 | *0.77 | *0.89 | 2.01 | 2.37 | 1.18 |
| 1217 | Montauk Harbor entrance | 41° 04.5' | 71° 56.2' | −0 24 | −0 16 | *0.74 | *0.75 | 1.9 | 2.3 | 1.0 |
| 1219 | MONTAUK, FORT POND BAY | 41° 02.9' | 71° 57.6' | | *Daily Predictions, p.56* | | | 2.07 | 2.66 | 1.21 |
| | Long Island, south shore | | | | **on Sandy Hook, p.84** | | | | | |
| 1221 | Shinnecock Inlet (ocean) | 40° 50.2' | 72° 28.8' | −0 39 | −1 04 | *0.71 | *0.79 | 3.31 | 3.97 | 1.81 |
| | *Shinnecock Bay* | | | | | | | | | |
| 1223 | Shinnecock Bay entrance | 40° 49.2' | 72° 33.7' | +1 12 | +1 51 | *0.51 | *0.37 | 2.41 | 2.89 | 1.27 |
| 1225 | Ponquoque Point | 40° 51.0' | 72° 30.2' | −0 06 | +0 03 | *0.60 | *0.65 | 2.81 | 3.20 | 1.53 |
| 1227 | Shinnecock Yacht Club, Penniman Creek | 40° 49.1' | 72° 33.2' | +1 01 | +1 45 | *0.55 | *0.55 | 2.56 | 2.93 | 1.39 |
| 1229 | Moriches Inlet | 40° 45.9' | 72° 45.2' | −0 57 | −1 09 | *0.62 | *0.60 | 2.9 | 3.5 | 1.5 |
| 1231 | Moriches Coast Guard Station | 40° 47.2' | 72° 45.0' | −0 18 | +0 48 | *0.47 | *0.60 | 2.16 | 2.51 | 1.20 |
| 1233 | Smith Point Bridge, Narrow Bay | 40° 44.3' | 72° 52.1' | +1 58 | +2 34 | *0.27 | *0.60 | 1.19 | 1.47 | 0.71 |
| 1235 | Democrat Point, Fire Island Inlet | 40° 38' | 73° 18' | −0 39 | −0 27 | *0.56 | *0.55 | 2.6 | 3.1 | 1.4 |
| | *Great South Bay* | | | | | | | | | |
| 1237 | Fire Island Coast Guard Station | 40° 37.6' | 73° 15.6' | −0 16 | −0 03 | *0.44 | *0.68 | 2.00 | 2.40 | 1.13 |
| 1239 | Fire Island Light | 40° 38.1' | 73° 13.2' | +0 46 | +1 22 | *0.15 | *0.15 | 0.7 | 0.8 | 0.3 |
| 1241 | West Fire Island | 40° 39.4' | 73° 12.3' | +2 10 | +2 18 | *0.13 | *0.13 | 0.6 | 0.7 | 0.3 |
| 1243 | Point o' Woods | 40° 39.1' | 73° 08.2' | +2 27 | +2 35 | *0.15 | *0.15 | 0.7 | 0.8 | 0.3 |
| 1245 | Patchogue | 40° 45.0' | 73° 00.0' | +3 14 | +3 33 | *0.25 | *0.53 | 1.11 | 1.33 | 0.66 |
| 1247 | Great River, Connetquot River | 40° 43.4' | 73° 09.1' | +3 19 | +3 32 | *0.15 | *0.15 | 0.7 | 0.8 | 0.3 |
| 1249 | Bay Shore, Watchogue Creek Entrance | 40° 43.0' | 73° 14.4' | +2 15 | +2 27 | *0.22 | *0.37 | 0.99 | 1.19 | 0.57 |
| 1251 | Oak Beach | 40° 38.5' | 73° 17.2' | +2 23 | +2 58 | *0.15 | *0.15 | 0.7 | 0.8 | 0.3 |
| 1253 | Babylon | 40° 41.1' | 73° 18.9' | +2 11 | +2 41 | *0.13 | *0.15 | 0.6 | 0.7 | 0.3 |
| 1255 | Gilgo Heading | 40° 37.2' | 73° 23.7' | +2 22 | +2 58 | *0.24 | *0.25 | 1.1 | 1.3 | 0.5 |
| 1257 | Amityville | 40° 39.3' | 73° 25.1' | +2 20 | +3 05 | *0.26 | *0.25 | 1.2 | 1.4 | 0.7 |
| 1259 | Biltmore Shores, South Oyster Bay | 40° 40' | 73° 28' | +2 04 | +2 32 | *0.30 | *0.30 | 1.4 | 1.7 | 0.8 |
| 1261 | Jones Inlet (Point Lookout) | 40° 35.2' | 73° 34.7' | −0 20 | −0 25 | *0.77 | *0.75 | 3.6 | 4.3 | 2.0 |
| | *Hempstead Bay* | | | | | | | | | |
| 1263 | Deep Creek Meadow | 40° 36.2' | 73° 31.5' | +1 01 | +1 11 | *0.51 | *0.50 | 2.4 | 2.9 | 1.3 |
| 1265 | Green Island | 40° 37.4' | 73° 30.1' | +1 21 | +1 31 | *0.41 | *0.40 | 1.9 | 2.3 | 1.0 |
| 1267 | Cuba Island | 40° 37.2' | 73° 31.4' | +1 07 | +1 22 | *0.49 | *0.50 | 2.3 | 2.8 | 1.2 |
| 1269 | Bellmore, Bellmore Creek | 40° 39.8' | 73° 31.2' | +1 28 | +1 58 | *0.43 | *0.45 | 2.0 | 2.4 | 1.1 |
| 1271 | Neds Creek | 40° 37.4' | 73° 33.3' | +0 49 | +0 54 | *0.58 | *0.60 | 2.7 | 3.3 | 1.4 |
| 1273 | Freeport, Baldwin Bay | 40° 38.0' | 73° 35.2' | +0 37 | +0 55 | *0.64 | *0.65 | 3.0 | 3.6 | 1.6 |
| 1275 | Long Beach (Inside) | 40° 36' | 73° 39' | +0 18 | +0 02 | *0.84 | *0.85 | 3.9 | 4.7 | 2.1 |
| 1277 | Woodmere, Brosewere Bay | 40° 37' | 73° 42' | +0 34 | +0 50 | *0.84 | *0.85 | 3.9 | 4.7 | 2.1 |
| 1279 | East Rockaway Inlet | 40° 35.7' | 73° 44.6' | −0 07 | −0 14 | *0.88 | *0.90 | 4.1 | 5.0 | 2.2 |
| | *Jamaica Bay* | | | | | | | | | |
| 1281 | Plumb Beach Channel | 40° 35.1' | 73° 55.5' | +0 02 | −0 03 | *1.05 | *1.05 | 4.9 | 5.9 | 2.6 |
| 1283 | Barren Island, Rockaway Inlet | 40° 34.7' | 73° 53.3' | −0 01 | −0 04 | *1.07 | *1.05 | 5.0 | 6.0 | 2.7 |
| 1285 | Beach Channel (bridge) | 40° 35' | 73° 49' | +0 37 | +0 24 | *1.09 | *1.10 | 5.1 | 6.2 | 2.7 |
| 1287 | Motts Basin | 40° 37.0' | 73° 45.5' | +0 39 | +0 48 | *1.16 | *1.15 | 5.4 | 6.5 | 2.9 |
| 1289 | Norton Point, Head of Bay | 40° 38.1' | 73° 44.8' | +0 38 | +0 45 | *1.16 | *1.16 | 5.4 | 6.5 | 2.9 |
| 1291 | J.F.K. International Airport | 40° 37.4' | 73° 47.0' | +0 25 | +0 45 | *1.14 | *1.15 | 5.3 | 6.4 | 2.8 |
| 1293 | North Channel Bridge, Grassy Bay | 40° 39' | 73° 50' | +0 43 | +0 47 | *1.12 | *1.10 | 5.2 | 6.3 | 2.8 |
| 1295 | Canarsie | 40° 37.8' | 73° 53.1' | +0 27 | +0 08 | *1.12 | *1.10 | 5.2 | 6.3 | 2.8 |
| 1297 | Mill Basin | 40° 37' | 73° 55' | +0 28 | +0 04 | *1.12 | *1.10 | 5.2 | 6.3 | 2.8 |
| | NEW YORK and NEW JERSEY<br>New York Harbor | | | | | | | | | |
| 1299 | Coney Island | 40° 34' | 73° 59' | −0 04 | −0 17 | *1.01 | *1.00 | 4.7 | 5.7 | 2.5 |
| 1301 | Norton Point, Gravesend Bay | 40° 35.4' | 73° 59.9' | −0 01 | +0 03 | *1.02 | *1.15 | 4.7 | 5.7 | 2.6 |
| 1303 | Fort Wadsworth, The Narrows | 40° 36.4' | 74° 03.3' | +0 06 | +0 06 | *0.98 | *1.05 | 4.8 | 5.4 | 2.5 |
| 1305 | Fort Hamilton, The Narrows | 40° 36.5' | 74° 02.1' | +0 02 | +0 07 | *1.01 | *1.00 | 4.7 | 5.7 | 2.5 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | NEW YORK and NEW JERSEY<br>New York Harbor–cont.<br>Time meridian, 75° W | | | | **on New York, p.72** | | | | | |
| 1307 | St. George, Staten Island | 40° 38.6' | 74° 04.4' | −0 17 | −0 15 | *0.99 | *0.99 | 4.5 | 5.4 | 2.4 |
| 1309 | Gowanus Bay | 40° 39.9' | 74° 00.8' | −0 18 | −0 12 | *1.03 | *0.95 | 4.7 | 5.7 | 2.6 |
| 1311 | NEW YORK (The Battery) | 40° 42.0' | 74° 00.9' | | *Daily Predictions* | | | 4.53 | 5.50 | 2.47 |
| | Hudson River <8> | | | | | | | | | |
| 1313 | Weehawken, Union City, N.J. | 40° 45.9' | 74° 01.1' | +0 13 | +0 15 | *0.96 | *0.96 | 4.37 | 5.29 | 2.41 |
| 1315 | Edgewater, N.J. | 40° 48.8' | 73° 58.7' | +0 31 | +0 28 | *0.93 | *0.93 | 4.24 | 5.13 | 2.33 |
| 1317 | Spuyten Duyvil Creek ent., N.Y. | 40° 52.7' | 73° 55.5' | +0 52 | +0 48 | *0.84 | *0.84 | 3.85 | 4.66 | 2.20 |
| 1319 | Riverdale, N.Y. | 40° 54.2' | 73° 54.9' | +0 48 | +0 49 | *0.85 | *0.85 | 3.86 | 4.67 | 2.13 |
| 1321 | Alpine, N.J. | 40° 56.7' | 73° 55.1' | +1 05 | +1 02 | *0.83 | *0.90 | 3.75 | 4.54 | 2.06 |
| 1323 | Tarrytown | 41° 04.7' | 73° 52.2' | +1 49 | +1 57 | *0.70 | *0.70 | 3.2 | 3.7 | 1.8 |
| 1325 | Haverstraw | 41° 13.1' | 73° 57.8' | +2 15 | +2 42 | *0.72 | *0.81 | 3.23 | 3.91 | 1.78 |
| 1327 | Peekskill | 41° 17' | 73° 56' | +2 28 | +3 03 | *0.64 | *0.64 | 2.9 | 3.4 | 1.8 |
| 1329 | Newburgh | 41° 30.0' | 74° 00.4' | +3 46 | +4 03 | *0.62 | *0.64 | 2.8 | 3.2 | 1.5 |
| 1331 | New Hamburg | 41° 35' | 73° 57' | +4 04 | +4 28 | *0.64 | *0.64 | 2.9 | 3.3 | 1.6 |
| 1333 | Poughkeepsie | 41° 42' | 73° 57' | +4 34 | +4 46 | *0.68 | *0.68 | 3.1 | 3.5 | 1.7 |
| 1335 | Hyde Park | 41° 47' | 73° 57' | +5 00 | +5 12 | *0.70 | *0.68 | 3.2 | 3.6 | 1.8 |
| 1337 | Kingston | 41° 55' | 73° 59' | +5 20 | +5 34 | *0.81 | *0.82 | 3.7 | 4.2 | 2.0 |
| 1339 | Tivoli | 42° 04' | 73° 56' | +5 50 | +6 04 | *0.86 | *0.86 | 3.9 | 4.4 | 1.9 |
| 1341 | Hudson | 42° 15' | 73° 48' | +6 58 | +7 12 | *0.88 | *0.86 | 4.0 | 4.4 | 2.2 |
| | | | | | **on Albany, p.80** | | | | | |
| 1343 | Castleton | 42° 32' | 73° 46' | −0 17 | −0 29 | −0.2 | +0.1 | 4.3 | 4.7 | 2.2 |
| 1345 | ALBANY | 42° 39.0' | 73° 44.8' | | *Daily predictions* | | | 4.6 | 5.0 | 2.5 |
| 1347 | Troy | 42° 44' | 73° 42' | +0 08 | +0 10 | *1.00 | *1.00 | 4.7 | 5.1 | 2.3 |
| | The Kills and Newark Bay | | | | **on New York, p.72** | | | | | |
| | *Kill Van Kull* | | | | | | | | | |
| 1349 | Constable Hook | 40° 39.3' | 74° 05.2' | −0 18 | −0 08 | *1.02 | *1.02 | 4.63 | 5.60 | 2.54 |
| 1351 | BAYONNE BRIDGE, STATEN ISLAND | 40° 38.4' | 74° 08.8' | | *Daily predictions, p.76* | | | 4.98 | 5.52 | 2.70 |
| 1353 | Port Elizabeth | 40° 40.4' | 74° 08.4' | −0 02 | +0 13 | *1.11 | *0.95 | 5.05 | 6.11 | 2.73 |
| 1355 | Port Newark Terminal | 40° 41' | 74° 08' | +0 03 | +0 21 | *1.12 | *1.12 | 5.1 | 6.1 | 2.7 |
| | *Passaic River* | | | | | | | | | |
| 1357 | Point No Point | 40° 43.9' | 74° 07.0' | +0 00 | +0 22 | *1.15 | *1.04 | 5.21 | 6.30 | 2.83 |
| 1359 | Belleville | 40° 47.2' | 74° 08.8' | +0 09 | +0 49 | *1.23 | *1.19 | 5.60 | 6.78 | 3.08 |
| 1361 | East Rutherford | 40° 50.8' | 74° 07.2' | +0 09 | +1 06 | *1.29 | *1.29 | 5.87 | 7.10 | 3.20 |
| 1363 | Garfield | 40° 52.1' | 74° 06.7' | +0 08 | – – – | – – – | – – – | – – | – – | – – |
| | *Hackensack River* | | | | | | | | | |
| 1365 | Kearny Point | 40° 43.7' | 74° 06.2' | +0 11 | +0 22 | *1.15 | *1.14 | 5.21 | 6.30 | 2.85 |
| 1367 | Amtrak RR. swing bridge | 40° 45.1' | 74° 05.8' | +0 33 | +0 39 | *1.16 | *1.10 | 5.27 | 6.38 | 2.87 |
| 1369 | Fish Creek, Berrys Creek | 40° 47.6' | 74° 05.5' | +1 02 | +1 00 | *1.16 | *1.00 | 5.31 | 6.43 | 2.86 |
| 1371 | Carlstadt, Garretts Reach | 40° 48.4' | 74° 03.6' | +0 59 | +0 45 | *1.26 | *1.29 | 5.71 | 6.29 | 3.12 |
| 1373 | North Secaucus, Garretts Reach | 40° 48.4' | 74° 02.6' | +0 57 | +0 57 | *1.23 | *1.23 | 5.61 | 6.79 | 3.06 |
| 1375 | Mill Creek, 0.8 n.mi. above entrance | 40° 47.9' | 74° 03.0' | +1 34 | – – – | – – – | – – – | – – | – – | – – |
| 1377 | Cromakill Creek, N.J. Turnpike | 40° 48.2' | 74° 02.0' | +1 00 | – – – | – – – | – – – | – – | – – | – – |
| 1379 | Ridgefield Park | 40° 51.0' | 74° 01.8' | +1 00 | +1 00 | *1.26 | *1.26 | 5.73 | 6.93 | – – |
| 1381 | Hackensack | 40° 52.8' | 74° 02.4' | +1 06 | +1 00 | *1.33 | *1.38 | 6.01 | 7.27 | 3.29 |
| 1383 | New Millford | 40° 56.1' | 74° 01.8' | +1 17 | +2 49 | *1.02 | *1.02 | 4.76 | 5.76 | 2.44 |
| | | | | | **on Sandy Hook, p.84** | | | | | |
| | *Arthur Kill* | | | | | | | | | |
| 1385 | Port Ivory, Howland Hook, N.Y. | 40° 38.7' | 74° 10.8' | +0 27 | +0 39 | *1.09 | *1.09 | 5.10 | 6.12 | 2.78 |
| 1387 | Rahway River, RR. Bridge | 40° 35.9' | 74° 13.9' | +0 17 | +0 30 | *1.14 | *1.16 | 5.36 | 6.49 | 2.91 |
| 1389 | Chelsea | 40° 36' | 74° 12' | +0 23 | +0 37 | *1.07 | *1.05 | 5.0 | 6.0 | 2.7 |
| 1391 | Carteret | 40° 35.2' | 74° 12.6' | +0 22 | +0 33 | *1.09 | *1.09 | 5.1 | 6.2 | 2.8 |
| 1393 | Rossville, N.Y. | 40° 33.3' | 74° 13.4' | +0 20 | +0 29 | *1.12 | *1.12 | 5.22 | 5.84 | 2.89 |
| 1395 | Woodbridge Creek, 0.8 n.mi. above entrance | 40° 32.7' | 74° 15.9' | +0 09 | +0 21 | *1.10 | *1.00 | 5.20 | 6.29 | 2.79 |
| | Lower New York Bay, Raritan Bay, etc. | | | | | | | | | |
| 1397 | Great Kills Harbor | 40° 32.6' | 74° 08.4' | +0 06 | +0 21 | *1.01 | *1.00 | 4.7 | 5.7 | 2.6 |
| 1399 | Princes Bay | 40° 30.7' | 74° 12.0' | +0 00 | +0 06 | *1.05 | *1.05 | 4.9 | 5.9 | 2.6 |
| | *Raritan River* | | | | | | | | | |
| 1401 | South Amboy | 40° 29.5' | 74° 16.9' | −0 04 | +0 08 | *1.09 | *1.09 | 5.09 | 6.11 | 2.77 |
| 1403 | Keasbey | 40° 30.5' | 74° 18.7' | +0 06 | +0 18 | *1.10 | *1.00 | 5.21 | 6.25 | 2.85 |
| 1405 | Sayreville | 40° 28.7' | 74° 21.4' | +0 11 | +0 25 | *1.14 | *1.21 | 5.43 | 6.57 | 2.95 |
| 1407 | Old Bridge, South River | 40° 25.0' | 74° 21.8' | +0 48 | +0 59 | *1.18 | *1.16 | 5.58 | 6.75 | 3.01 |
| 1409 | New Brunswick | 40° 29.3' | 74° 26.1' | +0 32 | +0 48 | *1.21 | *1.16 | 5.71 | 6.91 | 3.08 |
| 1411 | Cheesequake Creek, Garden State Parkway | 40° 27.2' | 74° 16.4' | +0 12 | +0 13 | *1.09 | *1.05 | 5.12 | 6.20 | 2.77 |
| 1413 | Keyport | 40° 26.4' | 74° 11.9' | −0 04 | +0 06 | *1.08 | *1.10 | 5.05 | 6.06 | 2.74 |
| 1415 | Matawan Creek, Route 35 bridge | 40° 26.0' | 74° 13.1' | −0 01 | +0 07 | *1.08 | *1.08 | 5.06 | 6.12 | 2.77 |
| 1417 | Waackaack Creek | 40° 26.9' | 74° 08.6' | −0 06 | +0 21 | *0.99 | *0.99 | 4.62 | 5.54 | 2.47 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **North** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | NEW JERSEY<br>Time meridian, 75° W | | | | **on Sandy Hook, p.84** | | | | | |
| | Sandy Hook Bay | | | | | | | | | |
| 1419 | Pews Creek | 40° 26.5' | 74° 06.3' | −0 08 | – – – | – – – | – – – | – – | – – | – – |
| 1421 | Compton Creek | 40° 25.9' | 74° 05.1' | +0 13 | – – – | – – – | – – – | – – | – – | – – |
| 1423 | Atlantic Highlands | 40° 25.1' | 74° 02.1' | −0 10 | −0 10 | *1.01 | *1.01 | 4.71 | 5.65 | 2.55 |
| 1425 | SANDY HOOK (Fort Hancock) | 40° 28.0' | 74° 00.6' | | *Daily predictions* | | | 4.70 | 5.71 | 2.54 |
| | *Shrewsbury River* | | | | | | | | | |
| 1427 | Highlands, Route 36 bridge | 40° 23.8' | 73° 58.9' | +0 17 | +0 14 | *0.90 | *0.90 | 4.19 | 5.03 | 2.27 |
| 1429 | Oceanic Bridge, Navesink River | 40° 22.6' | 74° 00.9' | +1 13 | +1 45 | *0.72 | *0.63 | 3.41 | 4.13 | 1.82 |
| 1431 | Red Bank, Navesink River | 40° 21.3' | 74° 03.9' | +1 17 | +1 57 | *0.74 | *0.63 | 3.51 | 4.25 | 1.87 |
| 1433 | Sea Bright | 40° 21.9' | 73° 58.5' | +1 15 | +1 07 | *0.68 | *0.68 | 3.15 | 3.78 | 1.74 |
| 1435 | Gooseneck Point, bridge | 40° 19.6' | 74° 01.0' | +2 18 | +2 41 | *0.55 | *0.55 | 2.57 | 3.08 | 1.44 |
| 1437 | Long Branch Reach | 40° 19.5' | 73° 59.8' | +2 18 | +2 41 | *0.56 | *0.63 | 2.60 | 3.15 | 1.42 |
| | Outer Coast | | | | | | | | | |
| 1439 | Long Branch (fishing pier) | 40° 18.2' | 73° 58.6' | −0 26 | −0 36 | *0.94 | *1.00 | 4.40 | 5.28 | 2.39 |
| | *Shark River* | | | | | | | | | |
| 1441 | Shark River Island, fixed RR. bridge | 40° 11.2' | 74° 01.6' | −0 13 | −0 08 | *0.93 | *0.93 | 4.32 | 5.18 | 2.32 |
| 1443 | Shark River Hills | 40° 11.6' | 74° 02.3' | −0 13 | −0 09 | *0.94 | *0.94 | 4.40 | 5.28 | 2.38 |
| 1445 | New Bedford | 40° 10.7' | 74° 02.8' | −0 13 | −0 07 | *0.95 | *0.95 | 4.41 | 5.29 | 2.40 |
| 1447 | Belmar, Atlantic Ocean | 40° 11.1' | 74° 00.5' | −0 35 | −0 45 | *0.95 | *0.95 | 4.43 | 5.32 | 2.38 |
| 1449 | Manasquan Inlet, USCG Station | 40° 06.1' | 74° 02.1' | −0 12 | −0 24 | *0.86 | *0.95 | 4.02 | 4.82 | 2.19 |
| | *Manasquan River* | | | | | | | | | |
| 1451 | Brielle, Route 35 bridge | 40° 06.3' | 74° 03.3' | −0 06 | −0 20 | *0.83 | *0.83 | 3.86 | 4.63 | 2.10 |
| 1453 | Riviera Beach | 40° 05.8' | 74° 05.2' | +0 08 | +0 38 | *0.73 | *0.73 | 3.39 | 4.07 | 1.83 |
| | *Metedeconk River* | | | | | | | | | |
| 1455 | Beaverdam Creek entrance | 40° 03.7' | 74° 03.7' | +2 41 | +2 40 | *0.07 | *0.37 | 0.30 | 0.36 | 0.22 |
| 1457 | Beaverdam Creek, inside | 40° 03.7' | 74° 04.4' | +2 49 | +2 47 | *0.06 | *0.06 | 0.29 | 0.35 | 0.25 |
| 1459 | Forge Pond | 40° 03.9' | 74° 08.1' | +2 17 | +2 07 | *0.07 | *0.07 | 0.31 | 0.37 | 0.23 |
| 1461 | Tall Pines Camp | 40° 03.5' | 74° 07.0' | +2 23 | +2 24 | *0.06 | *0.06 | 0.30 | 0.36 | 0.23 |
| 1463 | Seaside Heights, ocean | 39° 56.5' | 74° 04.1' | −0 30 | −0 32 | *0.92 | *0.92 | 4.29 | 5.15 | 2.33 |
| | *Barnegat Bay* | | | | | | | | | |
| 1465 | Mantoloking | 40° 02.2' | 74° 03.2' | +4 28 | +4 39 | *0.07 | *0.07 | 0.33 | 0.40 | 0.25 |
| 1467 | Kettle Creek, Green Island | 40° 00.8' | 74° 06.8' | +4 23 | +4 41 | *0.08 | *0.08 | 0.38 | 0.46 | 0.28 |
| 1469 | Ocean Beach | 39° 59.3' | 74° 04.1' | +4 17 | +4 36 | *0.08 | *0.08 | 0.37 | 0.44 | 0.27 |
| 1471 | Silver Bay, Silver Bay Marina | 39° 59.8' | 74° 08.9' | +4 26 | +4 39 | *0.08 | *0.08 | 0.37 | 0.44 | 0.27 |
| 1473 | Goose Creek entrance | 39° 57.8' | 74° 06.9' | +4 06 | +4 29 | *0.08 | *0.08 | 0.35 | 0.42 | 0.25 |
| 1475 | Coates Point | 39° 56.9' | 74° 06.9' | +4 00 | +4 21 | *0.08 | *0.08 | 0.37 | 0.44 | 0.25 |
| 1477 | Toms River (town), Toms River | 39° 57.0' | 74° 11.9' | +4 02 | +4 29 | *0.09 | *0.09 | 0.42 | 0.50 | 0.28 |
| 1479 | Seaside Park | 39° 55.3' | 74° 05.0' | +3 40 | +4 05 | *0.08 | *0.08 | 0.38 | 0.46 | 0.25 |
| 1481 | Barnegat Pier | 39° 55.1' | 74° 06.6' | +3 35 | +3 55 | *0.08 | *0.08 | 0.36 | 0.43 | 0.23 |
| 1483 | Sloop Creek | 39° 54.3' | 74° 08.0' | +3 38 | +4 01 | *0.08 | *0.08 | 0.35 | 0.42 | 0.22 |
| 1485 | Cedar Creek | 39° 52.2' | 74° 09.3' | +3 23 | +3 45 | *0.08 | *0.08 | 0.35 | 0.42 | 0.23 |
| 1487 | Island Beach | 39° 51.1' | 74° 05.4' | +3 04 | +3 28 | *0.08 | *0.08 | 0.35 | 0.42 | 0.24 |
| 1489 | Stouts Creek | 39° 50.7' | 74° 09.1' | +3 16 | +3 33 | *0.06 | *0.06 | 0.30 | 0.36 | 0.20 |
| 1491 | Forked River | 39° 49.5' | 74° 10.4' | +3 08 | +3 20 | *0.07 | *0.07 | 0.32 | 0.38 | 0.24 |
| 1493 | Oyster Creek | 39° 48.5' | 74° 11.3' | +3 30 | +3 36 | *0.06 | *0.06 | 0.29 | 0.35 | 0.20 |
| 1495 | Island Beach, Sedge Islands | 39° 47.3' | 74° 05.9' | +3 00 | +3 56 | *0.07 | *0.07 | 0.34 | 0.41 | 0.24 |
| 1497 | Waretown | 39° 47.5' | 74° 10.9' | +2 43 | +3 00 | *0.07 | *0.07 | 0.34 | 0.41 | 0.24 |
| 1499 | Barnegat Inlet, USCG Station | 39° 45.7' | 74° 06.7' | −0 12 | +0 02 | *0.47 | *0.63 | 2.16 | 2.59 | 1.20 |
| 1501 | High Bar | 39° 45.4' | 74° 07.7' | +1 04 | +1 55 | *0.12 | *0.12 | 0.54 | 0.65 | 0.39 |
| 1503 | Double Creek | 39° 44.7' | 74° 12.1' | +3 03 | +3 33 | *0.07 | *0.07 | 0.31 | 0.37 | 0.19 |
| 1505 | Loveladies Harbor | 39° 43.5' | 74° 08.2' | +3 02 | +3 39 | *0.10 | *0.10 | 0.46 | 0.55 | 0.30 |
| | *Manahawkin Bay* | | | | | | | | | |
| 1507 | Flat Creek | 39° 42.4' | 74° 11.5' | +3 33 | +4 35 | *0.18 | *0.18 | 0.84 | 1.01 | 0.49 |
| 1509 | North Beach | 39° 40.5' | 74° 09.6' | +3 02 | +4 07 | *0.22 | *0.22 | 1.02 | 1.22 | 0.58 |
| 1511 | Manahawkin Creek | 39° 40.0' | 74° 12.9' | +2 50 | +3 51 | *0.27 | *0.27 | 1.25 | 1.50 | 0.69 |
| 1513 | Manahawkin Drawbridge | 39° 39.2' | 74° 11.1' | +2 47 | +3 39 | *0.27 | *0.27 | 1.26 | 1.51 | 0.70 |
| | *Little Egg Harbor* | | | | | | | | | |
| 1515 | Mill Creek, 1 n.mi. above entrance | 39° 39.9' | 74° 13.9' | +2 32 | +3 33 | *0.35 | *0.35 | 1.61 | 1.93 | 0.87 |
| 1517 | Cedar Run | 39° 39.2' | 74° 15.4' | +2 10 | +2 56 | *0.40 | *0.40 | 1.86 | 2.23 | 1.01 |
| 1519 | Dinner Point Creek, upper end | 39° 39.4' | 74° 16.2' | +2 41 | +3 17 | *0.40 | *0.40 | 1.88 | 2.26 | 1.03 |
| 1521 | Beach Haven Crest | 39° 36.8' | 74° 12.6' | +2 13 | +2 59 | *0.38 | *0.32 | 1.81 | 2.19 | 0.96 |
| 1523 | Westecunk Creek entrance | 39° 36.8' | 74° 15.8' | +2 00 | +2 40 | *0.42 | *0.47 | 1.97 | 2.38 | 1.07 |
| 1525 | West Creek, Westecunk Creek | 39° 37.9' | 74° 17.8' | +2 10 | +2 40 | *0.44 | *0.47 | 2.08 | 2.52 | 1.13 |
| 1527 | Parker Run, upper end | 39° 37.0' | 74° 18.6' | +2 05 | +2 39 | *0.45 | *0.47 | 2.09 | 2.53 | 1.13 |
| 1529 | Tuckerton Creek entrance | 39° 34.6' | 74° 19.9' | +1 32 | +1 59 | *0.45 | *0.45 | 2.11 | 2.53 | 1.15 |
| 1531 | Tuckerton, Tuckerton Creek | 39° 36.1' | 74° 20.5' | +1 45 | +2 15 | *0.45 | *0.47 | 2.11 | 2.55 | 1.14 |
| 1533 | Beach Haven Coast Guard Station | 39° 32.9' | 74° 15.4' | +1 18 | +1 23 | *0.46 | *0.58 | 2.15 | 2.60 | 1.19 |
| | *Great Bay* | | | | | | | | | |
| 1535 | Shooting Thorofare, Little Egg Inlet | 39° 30.5' | 74° 19.6' | +0 16 | +0 18 | *0.73 | *0.73 | 3.39 | 4.07 | 1.83 |
| 1537 | Little Sheepshead Creek | 39° 31.1' | 74° 19.2' | +0 35 | +0 44 | *0.66 | *0.68 | 3.10 | 3.75 | 1.68 |
| 1539 | Seven Island, Newmans Thorofare | 39° 31.0' | 74° 20.2' | +0 32 | +0 28 | *0.73 | *0.73 | 3.4 | 4.1 | 1.8 |
| 1541 | Graveling Point | 39° 32.4' | 74° 23.2' | +0 44 | +1 14 | *0.68 | *0.68 | 3.18 | 3.82 | 1.72 |
| | *Mullica River* | | | | | | | | | |
| 1543 | Nacote Creek, U.S. Highway 9 bridge | 39° 32.1' | 74° 27.8' | +1 34 | +1 55 | *0.66 | *0.68 | 3.09 | 3.74 | 1.68 |
| 1545 | Cramers Boatyard | 39° 32.9' | 74° 27.7' | +1 27 | +2 01 | *0.63 | *0.79 | 2.94 | 3.53 | 1.74 |
| 1547 | New Gretna, Bass River | 39° 35.5' | 74° 26.5' | +1 52 | +2 06 | *0.66 | *0.74 | 3.10 | 3.75 | 1.69 |
| 1549 | Wading River (town), Wading River | 39° 37.1' | 74° 29.8' | +2 48 | +2 44 | *0.64 | *0.79 | 2.98 | 3.61 | 1.64 |
| 1551 | Green Bank | 39° 36.7' | 74° 35.4' | +2 59 | +3 16 | *0.66 | *0.66 | 3.07 | 3.68 | 1.70 |
| 1553 | Sweetwater, Mullica River Marina | 39° 37.5' | 74° 38.5' | +3 23 | +4 21 | *0.56 | *0.56 | 2.42 | 3.14 | 1.42 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | NEW JERSEY<br>Outer Coast–cont.<br>Time meridian, 75° W | | | | **on Atlantic City, p.88** | | | | | |
| 1555 | Main Marsh Thorofare | 39° 28.7' | 74° 23.0' | +1 10 | +1 52 | *0.80 | *0.76 | 3.21 | 3.92 | 1.74 |
| 1557 | Brigantine Channel @ Hoffman Thorofare | 39° 26.1' | 74° 21.8' | +0 59 | +0 58 | *0.90 | *0.88 | 3.63 | 4.43 | 1.97 |
| 1559 | Reed Bay, Turtle Cove | 39° 27.2' | 74° 25.6' | +1 07 | – – – | – – – | – – – | – – | – – | – – |
| 1561 | Absecon, Absecon Creek, U.S. Hwy. 30 bridge | 39° 25.4' | 74° 30.0' | +1 28 | +1 37 | *0.96 | *0.94 | 3.87 | 4.72 | 2.09 |
| 1563 | Absecon Channel, State Route 87 bridge | 39° 23.1' | 74° 25.5' | +0 38 | +0 26 | *0.96 | *1.13 | 3.90 | 4.68 | 2.13 |
| 1565 | ATLANTIC CITY, OCEAN | 39° 21.3' | 74° 25.1' | | *Daily predictions* | | | 4.02 | 4.90 | 2.18 |
| 1567 | Ventnor City, ocean pier | 39° 20.1' | 74° 28.6' | −0 02 | −0 02 | *1.00 | *1.00 | 4.04 | 4.92 | 2.19 |
| 1569 | Longport (inside), Great Egg Harbor Inlet | 39° 18.5' | 74° 32.0' | +0 26 | +0 32 | *0.94 | *0.88 | 3.78 | 4.61 | 2.04 |
| 1571 | Dock Thorofare, Risley Channel | 39° 21.1' | 74° 32.4' | +0 55 | +1 00 | *0.98 | *0.94 | 3.92 | 4.78 | 2.12 |
| 1573 | Pleasantville, Lakes Bay, Great Egg Harbor Inlet | 39° 22.9' | 74° 31.1' | +1 00 | +1 37 | *0.98 | *0.82 | 3.96 | 4.83 | 2.12 |
| | *Great Egg Harbor Bay* | | | | | | | | | |
| 1575 | Beesleys Point | 39° 17.3' | 74° 37.7' | +0 55 | +1 32 | *0.87 | *1.00 | 3.55 | 4.26 | 1.93 |
| 1577 | Steelmanville, Patcong Ck., 2.5 nm above ent. | 39° 20.1' | 74° 35.8' | +1 28 | +1 50 | *0.92 | *0.94 | 3.70 | 4.51 | 2.01 |
| 1579 | Tuckahoe, Tuckahoe River | 39° 17.7' | 74° 44.9' | +2 12 | +2 40 | *0.86 | *1.25 | 3.47 | 4.16 | 1.93 |
| 1581 | Cedar Swamp Creek, Tuckahoe River | 39° 14.8' | 74° 43.1' | +3 14 | +3 03 | *0.78 | *1.53 | 2.99 | 3.65 | 1.75 |
| 1583 | River Bend Marina, Great Egg Harbor River | 39° 22.1' | 74° 43.0' | +2 12 | +2 25 | *0.87 | *1.00 | 3.47 | 4.23 | 1.90 |
| 1585 | Mays Landing, Great Egg Harbor River | 39° 26.9' | 74° 43.7' | +2 50 | +3 10 | *1.01 | *1.12 | 4.06 | 4.95 | 2.22 |
| | *Corson Inlet* | | | | | | | | | |
| 1587 | Strathmere, Strathmere Bay | 39° 12.0' | 74° 39.4' | +0 31 | +0 38 | *0.95 | *1.00 | 3.81 | 4.65 | 2.07 |
| 1589 | Middle Thorofare, Ocean Drive bridge | 39° 12.9' | 74° 38.9' | +0 31 | +0 30 | *0.95 | *0.94 | 3.80 | 4.64 | 2.06 |
| 1591 | Ludlam Bay, west side | 39° 10.6' | 74° 42.6' | +0 56 | +1 12 | *0.98 | *0.94 | 3.94 | 4.81 | 2.13 |
| | *Townsends Inlet* | | | | | | | | | |
| 1593 | Ocean Drive bridge | 39° 07.3' | 74° 43.0' | +0 34 | +0 34 | *0.95 | *1.06 | 3.88 | 4.66 | 2.11 |
| 1595 | Townsend Sound | 39° 08.8' | 74° 45.0' | +1 08 | +1 39 | *0.90 | *0.59 | 3.69 | 4.50 | 1.95 |
| 1597 | Stites Sound | 39° 07.2' | 74° 45.3' | +0 49 | +1 04 | *0.97 | *1.00 | 3.98 | 4.78 | 2.15 |
| 1599 | Ingram Thorofare | 39° 06.6' | 74° 44.4' | +0 44 | +0 50 | *0.96 | *1.00 | 3.93 | 4.72 | 2.12 |
| 1601 | Long Reach, Ingram Thorofare | 39° 06.1' | 74° 45.3' | +1 06 | +1 11 | *0.98 | *1.06 | 4.00 | 4.80 | 2.17 |
| | *Hereford Inlet* | | | | | | | | | |
| 1603 | Great Sound, west side | 39° 06.1' | 74° 47.3' | +0 56 | – – – | – – – | – – – | – – | – – | – – |
| 1605 | Stone Harbor, Great Channel | 39° 03.4' | 74° 45.9' | +1 01 | +1 12 | *1.08 | *1.00 | 4.02 | 4.82 | 2.17 |
| 1607 | Jenkins Sound | 39° 03.9' | 74° 48.5' | +0 52 | – – – | – – – | – – – | – – | – – | – – |
| 1609 | Nummy Island, Grassy Sound Channel | 39° 01.7' | 74° 48.1' | +0 32 | +0 45 | *1.00 | *1.00 | 4.09 | 4.91 | 2.21 |
| 1611 | West Wildwood, Grassy Sound | 39° 00.3' | 74° 49.6' | +0 57 | +1 11 | *1.04 | *1.00 | 4.27 | 5.12 | 2.30 |
| 1613 | Old Turtle Thorofare, RR. bridge | 39° 01.1' | 74° 50.5' | +0 56 | +1 10 | *1.06 | *1.00 | 4.33 | 5.20 | 2.33 |
| 1615 | Wildwood Crest, ocean pier | 38° 58.5' | 74° 49.4' | +0 03 | +0 03 | *1.07 | *1.06 | 4.31 | 5.26 | 2.34 |
| | *Cape May Inlet* | | | | | | | | | |
| 1617 | Swain Channel, Taylor Sound | 38° 58.8' | 74° 51.8' | +0 55 | +0 40 | *1.09 | *1.06 | 4.46 | 5.35 | 2.40 |
| 1619 | Wildwood Crest, Sunset Lake | 38° 58.7' | 74° 50.2' | +0 52 | +0 47 | *1.10 | *1.06 | 4.50 | 5.40 | 2.42 |
| 1621 | Cape May Harbor | 38° 56.9' | 74° 53.5' | +0 33 | +0 19 | *1.10 | *1.06 | 4.49 | 5.39 | 2.42 |
| 1623 | Cape Island Creek, Cape May | 38° 56.8' | 74° 54.8' | +0 40 | +0 20 | *1.11 | *1.19 | 4.51 | 5.41 | 2.44 |
| 1625 | Cape May, Atlantic Ocean | 38° 55.8' | 74° 56.1' | +0 34 | +0 21 | *1.12 | *1.06 | 4.59 | 5.51 | 2.46 |
| | Delaware Bay, Eastern Shore | | | | **on Breakwater Harbor, p.92** | | | | | |
| 1627 | Brandywine Shoal Light | 38° 59.2' | 75° 06.8' | −0 01 | +0 23 | *1.16 | *1.06 | 4.74 | 5.59 | 2.54 |
| 1629 | Cape May Point, Sunset Beach | 38° 56.8' | 74° 58.3' | −0 05 | −0 08 | *1.16 | *1.16 | 4.80 | 5.66 | 2.56 |
| 1631 | Cape May, ferry terminal | 38° 58.1' | 74° 57.5' | −0 06 | −0 05 | *1.18 | *1.00 | 4.85 | 5.73 | 2.58 |
| 1633 | North Highlands Beach | 39° 01.1' | 74° 57.2' | +0 04 | +0 14 | *1.26 | *1.26 | 5.24 | 6.18 | 2.78 |
| 1635 | Dias Creek, Route 47 bridge | 39° 05.0' | 74° 53.2' | +1 09 | +3 18 | *0.46 | *0.46 | 1.89 | 2.23 | 1.04 |
| 1637 | Bidwell Creek entrance | 39° 07.7' | 74° 53.5' | +0 15 | +0 46 | *1.39 | *1.19 | 5.67 | 6.69 | 3.03 |
| 1639 | Bidwell Creek, Route 47 bridge | 39° 07.1' | 74° 52.1' | +0 36 | +0 48 | *1.36 | *1.36 | 5.66 | 6.68 | 3.01 |
| 1641 | Dennis Creek, 2.5 n.mi. above entrance | 39° 10.7' | 74° 51.1' | +0 55 | +1 17 | *1.26 | *1.26 | 5.23 | 6.17 | 2.88 |
| 1643 | Sluice Creek, Route 47 bridge, Dennis Creek | 39° 09.7' | 74° 49.9' | +1 49 | +1 36 | *1.22 | *1.22 | 5.05 | 5.96 | 2.82 |
| 1645 | Dennis Creek, Route 47 bridge | 39° 11.0' | 74° 49.3' | +2 01 | +1 30 | *1.20 | *1.20 | 4.96 | 5.85 | 2.79 |
| 1647 | East Creek, Route 47 bridge | 39° 12.5' | 74° 54.1' | +1 46 | +2 24 | *0.94 | *0.94 | 3.92 | 4.63 | 2.20 |
| 1649 | West Creek, 0.7 n.mi. above entrance | 39° 11.3' | 74° 54.9' | +0 20 | +1 31 | *1.15 | *1.15 | 4.76 | 5.33 | 2.55 |
| 1651 | West Creek, Route 47 bridge | 39° 13.0' | 74° 55.5' | +2 20 | +3 17 | *0.58 | *0.58 | 2.40 | 2.83 | 1.51 |
| 1653 | Riggins Ditch, 0.5 n.mi. above entrance | 39° 12.0' | 74° 58.2' | +0 29 | +1 29 | *1.24 | *1.24 | 5.14 | 6.07 | 2.79 |
| 1655 | Riggins Ditch, Heislerville | 39° 13.1' | 74° 58.8' | +1 36 | +1 40 | *1.12 | *1.12 | 4.65 | 5.49 | 2.55 |
| 1657 | East Point, Maurice River Cove | 39° 12.0' | 75° 01.2' | +0 40 | +1 08 | *1.39 | *1.39 | 5.75 | 6.78 | 3.08 |
| | *Maurice River* | | | | | | | | | |
| 1659 | Bivalve | 39° 13.8' | 75° 02.2' | +0 39 | +1 14 | *1.35 | *1.35 | 5.60 | 6.61 | 3.00 |
| 1661 | Mauricetown | 39° 17.1' | 74° 59.5' | +2 17 | +2 30 | *1.05 | *1.05 | 4.36 | 5.14 | 2.42 |
| 1663 | Port Elizabeth, Manumuskin River | 39° 18.8' | 74° 59.1' | +2 52 | +2 58 | *1.05 | *1.05 | 4.34 | 5.12 | 2.42 |
| 1665 | Menantico Creek entrance | 39° 20.6' | 75° 00.5' | +3 06 | +3 09 | *1.10 | *1.10 | 4.58 | 5.40 | 2.52 |
| 1667 | Millville | 39° 23.5' | 75° 02.5' | +3 33 | +3 36 | *1.21 | *1.21 | 5.01 | 5.91 | 2.75 |
| 1669 | Dividing Creek entrance | 39° 13.0' | 75° 06.4' | +0 29 | +1 05 | *1.35 | *1.35 | 5.62 | 6.63 | 2.99 |
| 1671 | Weir Creek bridge, Dividing Creek | 39° 15.0' | 75° 07.7' | +1 38 | +2 33 | *0.71 | *0.71 | 2.96 | 3.49 | 1.69 |
| 1673 | Dividing Creek (town), Dividing Creek | 39° 16.0' | 75° 05.7' | +3 07 | – – – | – – – | – – – | – – | – – | – – |
| | | | | | **on Reedy Point, p.96** | | | | | |
| 1675 | Fishing Creek entrance | 39° 12.9' | 75° 09.6' | −1 51 | −2 10 | *1.02 | *1.02 | 5.63 | 6.14 | 3.00 |
| 1677 | Fortescue | 39° 14.2' | 75° 10.4' | −1 51 | – – – | – – – | – – – | – – | – – | – – |
| 1679 | Hollywood Beach, The Glades | 39° 16.5' | 75° 08.5' | +1 45 | +1 13 | *0.21 | *0.21 | 1.16 | 1.26 | 0.71 |
| 1681 | Money Island, Nantuxent Creek entrance | 39° 17.1' | 75° 14.3' | −1 43 | −1 58 | *1.10 | *1.10 | 6.07 | 6.62 | 3.21 |
| 1683 | Newport Landing, Nantuxent Creek | 39° 17.5' | 75° 11.9' | −0 03 | −0 28 | *0.74 | *0.74 | 4.06 | 4.43 | 2.38 |
| 1685 | Cedar Creek entrance, Nantuxent Cove | 39° 17.9' | 75° 14.8' | −1 37 | −1 51 | *1.08 | *1.08 | 5.96 | 6.50 | 3.17 |
| 1687 | Cedarville, Cedar Creek, Nantuxent Cove | 39° 19.8' | 75° 12.7' | −0 37 | – – – | – – – | – – – | – – | – – | – – |
| 1689 | Back Creek entrance, Nantuxent Cove | 39° 18.3' | 75° 16.7' | −1 29 | −1 34 | *1.07 | *1.07 | 5.91 | 6.44 | 3.11 |
| 1691 | Husted Landing, Ogden Creek, Back Creek | 39° 21.1' | 75° 15.1' | −0 47 | – – – | – – – | – – – | – – | – – | – – |
| 1693 | Greenwich Pier, Cohansey River | 39° 23.0' | 75° 21.0' | −0 42 | −0 54 | *0.99 | *0.99 | 5.47 | 5.96 | 2.94 |
| 1695 | Tindalls Wharf, Cohansey River | 39° 22.7' | 75° 14.1' | +1 01 | −0 02 | *1.09 | *1.09 | 5.98 | 6.52 | 3.20 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | DELAWARE<br>Time meridian, 75° W | | | | on Breakwater Harbor, p.92 | | | | | |
| | Delaware Bay, Western Shore | | | | | | | | | |
| 1697 | LEWES (BREAKWATER HARBOR) | 38° 46.9' | 75° 07.2' | | Daily predictions | | | 4.08 | 4.94 | 2.19 |
| 1699 | Mispillion River entrance | 38° 56.9' | 75° 18.9' | +0 22 | +0 50 | *1.13 | *1.00 | 4.63 | 5.46 | 2.48 |
| 1701 | Murderkill River entrance | 39° 03.5' | 75° 23.8' | +0 39 | +1 11 | *1.25 | *0.94 | 5.12 | 6.04 | 2.71 |
| 1703 | Mahon River entrance | 39° 11.1' | 75° 24.0' | +0 58 | +1 29 | *1.30 | *1.13 | 5.33 | 6.29 | 2.84 |
| 1705 | Leipsic, Leipsic River | 39° 14.6' | 75° 31.1' | +3 35 | +3 49 | *0.85 | *0.63 | 3.50 | 4.13 | 1.80 |
| | DELAWARE and NEW JERSEY<br>Delaware River | | | | on Reedy Point, p.96 | | | | | |
| 1707 | Stathems Neck, Stow Creek, N.J. | 39° 24.4' | 75° 24.3' | −0 22 | −0 37 | *0.88 | *0.88 | 4.85 | 5.29 | 2.65 |
| 1709 | Woodland Beach, Del. | 39° 20.2' | 75° 28.3' | −1 07 | −1 10 | *1.11 | *1.11 | 5.90 | 6.80 | 3.00 |
| 1711 | Raccoon Ditch, Newport Meadows, Stow Creek, N.J. | 39° 25.3' | 75° 22.9' | +1 08 | +0 33 | *0.76 | *0.76 | 4.17 | 4.55 | 2.30 |
| 1713 | Canton, Stow Creek, N.J. | 39° 27.7' | 75° 24.2' | +1 36 | +0 45 | *0.80 | *0.80 | 4.42 | 4.82 | 2.49 |
| | *Mad Horse Creek* | | | | | | | | | |
| 1715 | 1 n.mi. above entrance, N.J. | 39° 25.9' | 75° 26.8' | −0 20 | −0 47 | *1.07 | *1.07 | 5.86 | 6.39 | 3.12 |
| 1717 | Pine Island, Malapartis Creek, N.J. | 39° 25.3' | 75° 25.7' | +0 21 | −0 18 | *0.92 | *0.92 | 5.08 | 5.54 | 2.76 |
| 1719 | Silver Lake Fork, N.J. | 39° 27.2' | 75° 27.4' | +0 04 | − − − | − − − | − − − | − − | − − | − − |
| 1721 | Hope Creek, 0.6 n.mi. above entrance, N.J. | 39° 27.5' | 75° 29.7' | −0 25 | −0 36 | *1.05 | *1.05 | 5.78 | 6.30 | 3.07 |
| 1723 | Hope Creek, upper end, N.J. | 39° 29.1' | 75° 29.6' | +0 49 | − − − | − − − | − − − | − − | − − | − − |
| 1725 | Taylors Bridge, Blackbird Creek, Del. | 39° 24.0' | 75° 36.0' | +1 53 | +0 57 | *0.54 | *0.56 | 2.90 | 3.30 | 1.50 |
| 1727 | Artificial Island, Salem Nuclear Plant, N.J. | 39° 27.7' | 75° 31.9' | −0 35 | −0 33 | *1.08 | *1.08 | 5.93 | 6.46 | 3.16 |
| | *Alloway Creek, New Jersey* | | | | | | | | | |
| 1729 | 0.8 n.mi. above entrance | 39° 29.8' | 75° 31.0' | +0 21 | −0 10 | *0.99 | *0.99 | 5.44 | 5.93 | 3.18 |
| 1731 | Abbots Meadow | 39° 30.7' | 75° 29.6' | +0 44 | +0 12 | *0.94 | *0.94 | 5.15 | 5.61 | 2.76 |
| 1733 | 2.5 n.mi. above entrance | 39° 30.3' | 75° 29.0' | +0 51 | +0 15 | *0.90 | *0.90 | 4.95 | 5.40 | 2.67 |
| 1735 | Coopers Creek bridge | 39° 30.8' | 75° 26.8' | +1 51 | +1 00 | *0.78 | *0.78 | 4.30 | 4.69 | 2.37 |
| 1737 | Quinton | 39° 32.9' | 75° 24.9' | +2 24 | +1 30 | *0.69 | *0.69 | 3.79 | 4.13 | 2.17 |
| 1739 | Alloway | 39° 33.9' | 75° 21.8' | +3 37 | − − − | − − − | − − − | − − | − − | − − |
| 1741 | Mill Creek, Elsinboro, N.J. | 39° 32.1' | 75° 30.7' | −0 04 | − − − | − − − | − − − | − − | − − | − − |
| | *Salem River, New Jersey* | | | | | | | | | |
| 1743 | Sinnickson Landing | 39° 34.2' | 75° 29.9' | +0 04 | +0 19 | *0.97 | *0.97 | 5.32 | 5.80 | 2.83 |
| 1745 | Salem | 39° 34.6' | 75° 28.6' | +0 49 | +0 41 | *0.76 | *0.76 | 4.19 | 4.57 | 2.29 |
| 1747 | Kates Creek Meadow | 39° 37.5' | 75° 27.2' | +1 54 | − − − | − − − | − − − | − − | − − | − − |
| 1749 | Winslow Farms | 39° 37.7' | 75° 28.9' | +2 09 | − − − | − − − | − − − | − − | − − | − − |
| 1751 | Beaver Dam | 39° 39.0' | 75° 29.2' | +2 32 | − − − | − − − | − − − | − − | − − | − − |
| 1753 | REEDY POINT | 39° 33.5' | 75° 34.4' | | Daily predictions | | | 5.34 | 5.81 | 2.85 |
| | *Chesapeake and Delaware Canal* | | | | | | | | | |
| 1755 | St. Georges, Delaware | 39° 33.3' | 75° 38.9' | −0 16 | −0 17 | *0.83 | *1.00 | 4.41 | 4.81 | 2.39 |
| 1757 | Summit Bridge, Delaware | 39° 32.0' | 75° 44.0' | −0 28 | −0 52 | *0.65 | *0.56 | 3.50 | 3.90 | 1.80 |
| 1759 | Chesapeake City, Maryland | 39° 31.6' | 75° 48.6' | −0 45 | −1 12 | *0.56 | *1.28 | 2.86 | 3.14 | 1.66 |
| 1761 | Delaware City Branch Channel bridge | 39° 34.2' | 75° 35.4' | +0 00 | +0 05 | *1.02 | *0.89 | 5.45 | 5.94 | 2.88 |
| 1763 | Delaware City | 39° 34.9' | 75° 35.3' | +0 11 | +0 14 | *0.99 | *1.00 | 5.28 | 5.76 | 2.82 |
| 1765 | Pea Patch Island, Bulkhead Shoal Channel, Del. | 39° 35.1' | 75° 34.4' | +0 03 | +0 00 | *1.05 | *1.00 | 5.62 | 6.13 | 2.99 |
| 1767 | Mill Creek, Penns Neck, N.J. | 39° 36.6' | 75° 31.2' | +0 08 | − − − | − − − | − − − | − − | − − | − − |
| 1769 | New Castle, Delaware | 39° 39.4' | 75° 33.7' | +0 29 | +0 40 | *0.98 | *1.00 | 5.21 | 5.68 | 2.78 |
| 1771 | Salem Canal entrance, N.J. | 39° 41.0' | 75° 30.6' | +0 36 | +0 52 | *1.00 | *1.00 | 5.52 | 6.02 | 2.94 |
| | *Christina River, Delaware* | | | | | | | | | |
| 1773 | Wilmington Marine Terminal | 39° 43.1' | 75° 31.2' | +0 50 | +1 06 | *0.99 | *1.11 | 5.27 | 5.74 | 2.83 |
| 1775 | Millside, RR. bridge | 39° 43.5' | 75° 33.6' | +1 08 | +1 19 | *0.99 | *1.06 | 5.30 | 5.78 | 2.84 |
| 1777 | Edgemoor, Del. | 39° 45.0' | 75° 29.6' | +0 52 | +1 11 | *1.02 | *1.17 | 5.52 | 6.02 | 2.97 |
| 1779 | Pedricktown, Oldmans Creek, N.J. | 39° 45.7' | 75° 24.2' | +2 11 | +2 07 | *0.75 | *0.75 | 4.13 | 4.50 | 2.32 |
| 1781 | Auburn, Oldmans Creek, N.J. | 39° 42.9' | 75° 21.6' | +4 12 | +3 30 | *0.55 | *0.55 | 2.74 | 2.99 | 1.65 |
| | NEW JERSEY and PENNSYLVANIA<br>Delaware River–cont. | | | | on Philadelphia, p.100 | | | | | |
| 1783 | Marcus Hook, Pa. | 39° 48.7' | 75° 24.7' | −1 23 | −1 07 | *0.92 | *0.95 | 5.53 | 5.86 | 2.96 |
| 1785 | Bridgeport, Raccoon Creek, N.J. | 39° 48.4' | 75° 21.3' | −1 11 | −0 50 | *0.91 | *1.00 | 5.42 | 5.66 | 2.91 |
| 1787 | Swedesboro, Raccoon Creek, N.J. | 39° 45.1' | 75° 18.4' | +0 40 | − − − | − − − | − − − | − − | − − | − − |
| | *Darby Creek, Pennsylvania* | | | | | | | | | |
| 1789 | Wanamaker Bridge | 39° 52.6' | 75° 18.3' | −0 46 | −0 34 | *0.95 | *0.95 | 5.71 | 6.05 | 3.05 |
| 1791 | Norwood City | 39° 52.8' | 75° 17.4' | −0 42 | −0 35 | *0.97 | *1.00 | 5.79 | 6.13 | 3.09 |
| 1793 | Tinicum National Wildlife Refuge | 39° 52.7' | 75° 16.6' | −0 22 | −0 08 | *0.91 | *0.90 | 5.47 | 5.80 | 2.91 |
| 1795 | Tinicum National Wildlife Refuge | 39° 53.2' | 75° 15.9' | −0 24 | +0 27 | *0.74 | *0.74 | 4.51 | 4.78 | 2.33 |
| 1797 | Tinicum Nat. Wildlife Refuge, Visitor Center | 39° 53.5' | 75° 15.5' | −0 10 | − − − | − − − | − − − | − − | − − | − − |
| 1799 | Billingsport, N.J. | 39° 51.0' | 75° 15.0' | −0 35 | −0 28 | *0.93 | *0.95 | 5.59 | 5.93 | 2.99 |
| 1801 | Paulsboro, Mantua Creek, N.J. | 39° 50.1' | 75° 14.3' | −0 24 | −0 19 | *0.94 | *0.90 | 5.64 | 5.88 | 3.01 |
| 1803 | Mantua, Mantua Creek, N.J. | 39° 47.8' | 75° 10.6' | +1 28 | +0 56 | *0.71 | *0.71 | 4.19 | 4.37 | 2.31 |
| 1805 | Woodbury Creek, N.J. | 39° 51.6' | 75° 11.2' | −0 13 | −0 14 | *0.96 | *0.95 | 5.75 | 6.10 | 3.07 |
| | *Schuylkill River, Pennsylvania* | | | | | | | | | |
| 1807 | Penrose Avenue Bridge | 39° 53.9' | 75° 12.7' | −0 22 | −0 11 | *0.96 | *0.85 | 5.79 | 6.14 | 3.07 |
| 1809 | Market Street Bridge | 39° 57.3' | 75° 10.8' | −0 20 | +0 00 | *0.99 | *0.80 | 5.94 | 6.30 | 3.13 |
| 1811 | Westville, Rt. 47 bridge, Big Timber Creek, N.J. | 39° 52.5' | 75° 07.4' | +0 02 | +0 03 | *0.97 | *1.00 | 5.80 | 6.15 | 3.10 |
| 1813 | Sunset Beach, Big Timber Creek, N.J. | 39° 48.9' | 75° 05.3' | +1 32 | − − − | − − − | − − − | − − | − − | − − |
| 1815 | Philadelphia, Municipal Pier 11, Pa. | 39° 57.2' | 75° 08.3' | +0 02 | +0 05 | *1.04 | *0.95 | 6.24 | 6.61 | 3.32 |
| 1817 | PHILADELPHIA, US Coast Guard Station, Pa. | 39° 56.0' | 75° 08.5' | | Daily predictions | | | 5.99 | 6.32 | 3.30 |
| 1819 | Pavonia, Cooper River, RR. bridge, N.J. | 39° 56.8' | 75° 06.3' | +0 14 | +0 23 | *1.04 | *1.00 | 6.24 | 6.61 | 3.32 |
| 1821 | Bridesburg, Philadelphia, Pa. | 39° 59.0' | 75° 04.5' | +0 17 | +0 22 | *1.06 | *1.00 | 6.38 | 6.76 | 3.39 |
| 1823 | Palmyra, Pennsauken Creek, Route 73 bridge, N.J. | 39° 59.6' | 75° 01.7' | +0 51 | +1 03 | *0.89 | *0.89 | 5.25 | 5.48 | 2.86 |
| 1825 | Cinnaminson, Pennsauken Ck., Rt. 130 bridge, N.J. | 39° 59.1' | 75° 00.9' | +1 37 | − − − | − − − | − − − | − − | − − | − − |
| 1827 | Pompeston Creek, N.J. | 40° 00.8' | 75° 00.5' | +0 21 | +0 43 | *1.05 | *1.05 | 6.39 | 6.68 | 3.30 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | NEW JERSEY and PENNSYLVANIA<br>Delaware River–cont.<br>Time meridian, 75° W | | | | **on Philadelphia, p.100** | | | | | |
| | *Rancocas Creek, New Jersey* | | | | | | | | | |
| 1829 | Bridgeboro | 40° 01.7' | 74° 55.9' | +1 15 | +1 18 | *1.06 | *1.00 | 6.35 | 6.73 | 3.38 |
| 1831 | North Branch | 39° 59.9' | 74° 49.1' | +2 58 | +3 29 | *0.48 | *0.60 | 2.86 | 3.03 | 1.55 |
| 1833 | Hainesport, South Branch | 39° 58.7' | 74° 49.4' | +2 58 | +3 05 | *0.62 | *0.62 | 3.63 | 3.85 | 2.05 |
| 1835 | Cornwells Heights, Pa. | 40° 04.1' | 74° 56.3' | +0 46 | +0 58 | *1.17 | *1.00 | 7.02 | 7.44 | 3.71 |
| 1837 | Burlington, N.J. | 40° 04.8' | 74° 52.5' | +0 53 | +1 07 | *1.20 | *1.00 | 7.24 | 7.63 | 3.83 |
| 1839 | Assiscunk Creek, Route 130 bridge, N.J. | 40° 04.4' | 74° 50.9' | +1 04 | +1 31 | *1.12 | *0.85 | 6.75 | 7.16 | 3.54 |
| 1841 | Edgely, Pa. | 40° 07.7' | 74° 49.4' | +1 08 | +1 28 | *1.27 | *1.15 | 7.64 | 8.10 | 4.05 |
| 1843 | Fieldsboro, N.J. | 40° 08.2' | 74° 44.2' | +1 07 | +1 39 | *1.29 | *1.10 | 7.78 | 8.25 | 4.11 |
| 1845 | Newbold, Pa. | 40° 08.2' | 74° 45.1' | +1 10 | +1 31 | *1.30 | *1.00 | 7.86 | 8.33 | 4.13 |
| 1847 | Blacks Creek, Route 130 bridge, N.J. | 40° 08.3' | 74° 42.7' | +1 13 | – – – | – – – | – – – | – – | – – | – – |
| 1849 | Sylvan Glen, Crosswicks Ck., Rt. 206 bridge, N.J. | 40° 10.9' | 74° 42.3' | +2 03 | – – – | – – – | – – – | – – | – – | – – |
| 1851 | Crosswicks Creek, Route 130 bridge, N.J. | 40° 10.4' | 74° 40.8' | +3 07 | – – – | – – – | – – – | – – | – – | – – |
| 1853 | Trenton, N.J. | 40° 11.3' | 74° 45.3' | +1 13 | +1 54 | *1.35 | *1.00 | 8.18 | 8.47 | 4.29 |
| | DELAWARE, outer coast | | | | **on Ocean City, p.104** | | | | | |
| 1855 | Rehoboth Beach | 38° 43.2' | 75° 04.6' | +0 15 | +0 08 | *1.13 | *1.33 | 3.9 | 4.7 | 2.1 |
| 1857 | Indian River Inlet (Coast Guard Station) | 38° 36.6' | 75° 04.2' | +1 14 | +0 45 | *0.76 | *1.00 | 2.51 | 2.94 | 1.41 |
| | MARYLAND, outer coast | | | | | | | | | |
| 1859 | OCEAN CITY (FISHING PIER) | 38° 19.6' | 75° 05.0' | | *Daily predictions* | | | 3.36 | 4.00 | 1.84 |
| 1861 | Ocean City Inlet | 38° 19.7' | 75° 05.5' | +0 31 | +0 12 | *0.65 | *0.75 | 2.19 | 2.62 | 1.21 |
| 1863 | Ocean City (Isle of Wight Bay) | 38° 19.9' | 75° 05.4' | +0 25 | +0 23 | *0.67 | *0.94 | 2.20 | 2.61 | 1.25 |
| 1865 | Keydash, Isle of Wight Bay | 38° 20.5' | 75° 05.1' | –0 57 | +0 54 | *0.47 | *0.81 | 1.53 | 1.82 | 0.89 |
| | MARYLAND and VIRGINIA<br>Chincoteague Bay | | | | | | | | | |
| 1867 | Assateague Beach, Toms Cove | 37° 52.0' | 75° 22.0' | +0 35 | +0 48 | *1.08 | *1.25 | 3.60 | 4.28 | 2.00 |
| 1869 | Harbor of Refuge | 37° 54.2' | 75° 24.4' | +0 31 | +0 35 | *0.73 | *0.88 | 2.43 | 2.89 | 1.35 |
| 1871 | Chincoteague Channel (south end) | 37° 54.4' | 75° 24.3' | +0 39 | +0 47 | *0.64 | *0.69 | 2.16 | 2.57 | 1.19 |
| 1873 | Wishart Point, Bogues Bay | 37° 52.9' | 75° 29.5' | +0 52 | +1 13 | *0.77 | *0.63 | 2.60 | 3.09 | 1.40 |
| 1875 | Chincoteague Island, USCG Station | 37° 55.9' | 75° 23.0' | +0 56 | +1 11 | *0.48 | *0.56 | 1.59 | 1.89 | 0.89 |
| 1877 | Chincoteague Island, Lewis Creek | 37° 56.3' | 75° 22.4' | +1 17 | +1 38 | *0.40 | *0.63 | 1.32 | 1.57 | 0.76 |
| 1879 | Chincoteague Island, Oyster Bay | 37° 56.5' | 75° 20.8' | +1 44 | +2 05 | *0.46 | *0.56 | 1.54 | 1.83 | 0.86 |
| 1881 | Chincoteague Island, Blake Cove | 37° 57.1' | 75° 21.3' | +1 51 | +2 32 | *0.28 | *0.56 | 0.89 | 1.06 | 0.53 |
| 1883 | Jesters Island | 37° 58.9' | 75° 18.1' | +2 32 | +3 24 | *0.24 | *0.24 | 0.76 | 0.90 | 0.48 |
| 1885 | Franklin City | 38° 00.4' | 75° 23.0' | +2 20 | +3 00 | *0.22 | *0.63 | 0.66 | 0.79 | 0.43 |
| 1887 | Public Landing | 38° 08.9' | 75° 17.1' | +4 41 | +5 21 | *0.18 | *0.18 | 0.53 | 0.63 | 0.36 |
| 1889 | South Point, Sinepuxent Neck | 38° 12.9' | 75° 11.5' | +5 16 | +5 02 | *0.16 | *0.16 | 0.46 | 0.54 | 0.33 |
| | VIRGINIA, outer coast | | | | | | | | | |
| 1891 | Wallops Island | 37° 50.5' | 75° 28.7' | +0 04 | –0 04 | *1.06 | *0.31 | 3.67 | 4.37 | 1.89 |
| 1893 | Gargathy Neck | 37° 46.6' | 75° 33.7' | +1 31 | +1 27 | *0.88 | *0.63 | 3.01 | 3.58 | 1.60 |
| 1895 | Metompkin Inlet | 37° 40.3' | 75° 35.7' | +1 01 | +0 44 | *1.08 | *1.25 | 3.60 | 4.28 | 2.00 |
| 1897 | Folly Creek, Metompkin Inlet | 37° 41.8' | 75° 38.1' | +1 24 | +1 12 | *0.97 | *0.63 | 3.30 | 3.93 | 1.80 |
| 1899 | Wachapreague, Wachapreague Channel | 37° 36.4' | 75° 41.2' | +1 10 | +0 56 | *1.19 | *1.06 | 4.02 | 4.85 | 2.18 |
| 1901 | Revel Creek, Revel Island | 37° 29.8' | 75° 41.0' | +0 35 | +0 27 | *1.19 | *1.00 | 4.04 | 4.81 | 2.18 |
| 1903 | Great Machipongo Inlet (inside) | 37° 23.6' | 75° 42.8' | +1 05 | +0 56 | *1.16 | *1.25 | 3.86 | 4.59 | 2.10 |
| 1905 | Upshur Neck, south end | 37° 28.0' | 75° 48.0' | +1 09 | +1 14 | *1.31 | *1.25 | 4.40 | 5.24 | 2.40 |
| 1907 | Sand Shoal Inlet (Coast Guard Station) | 37° 18.1' | 75° 46.7' | +0 32 | +0 17 | *1.18 | *1.00 | 4.00 | 4.76 | 2.16 |
| 1909 | Oyster Harbor | 37° 17.3' | 75° 55.5' | +1 00 | +0 36 | *1.34 | *1.13 | 4.52 | 5.38 | 2.40 |
| 1911 | Smith Island (Coast Guard Station) | 37° 07.4' | 75° 54.7' | +0 52 | +1 29 | *1.05 | *1.25 | 3.50 | 4.17 | 1.90 |
| | Chesapeake Bay, Eastern Shore | | | | **on Ches. Bay Bridge Tunnel, p.116** | | | | | |
| 1913 | Fishermans Island | 37° 05.8' | 75° 58.9' | +0 02 | +0 11 | *1.19 | *1.25 | 3.02 | 3.62 | 1.71 |
| 1915 | Kiptopeke Beach | 37° 10.0' | 75° 59.3' | +0 23 | +0 32 | *1.01 | *0.92 | 2.60 | 3.09 | 1.41 |
| 1917 | Old Plantation Light | 37° 14' | 76° 03' | +0 33 | +0 52 | *0.92 | *0.83 | 2.4 | 2.9 | 1.3 |
| 1919 | Cape Charles Harbor | 37° 15.8' | 76° 00.9' | +0 45 | +1 03 | *0.90 | *0.92 | 2.3 | 2.8 | 1.3 |
| 1921 | Gaskins Point, Occohannock Creek | 37° 33.3' | 75° 55.2' | +2 35 | +3 13 | *0.66 | *0.83 | 1.70 | 2.00 | 0.94 |
| 1923 | Harborton, Pungoteague Creek | 37° 40.0' | 75° 50.0' | +3 11 | +3 33 | *0.70 | *0.83 | 1.76 | 2.11 | 0.98 |
| 1925 | Onancock, Onancock Creek | 37° 42.7' | 75° 45.4' | +3 55 | +4 19 | *0.71 | *0.83 | 1.80 | 2.16 | 1.00 |
| 1927 | Chesconessex Creek, Schooner Bay | 37° 45.8' | 75° 46.4' | +3 41 | +3 59 | *0.78 | *1.25 | 1.94 | 2.33 | 1.12 |
| 1929 | Watts Island | 37° 47.9' | 75° 53.8' | +4 02 | +4 12 | *0.64 | *0.83 | 1.60 | 1.92 | 0.90 |
| 1931 | Tangier Island | 37° 49.7' | 75° 59.6' | +3 58 | +4 16 | *0.60 | *0.75 | 1.41 | 1.69 | 0.80 |
| 1933 | Muddy Creek Entrance | 37° 51.3' | 75° 40.5' | +4 14 | +4 51 | *0.86 | *0.83 | 2.20 | 2.64 | 1.20 |
| 1935 | Guard Shore | 37° 51.0' | 75° 42.0' | +4 06 | +4 47 | *0.90 | *0.83 | 2.30 | 2.76 | 1.27 |
| | MARYLAND<br>Chesapeake Bay, Eastern Shore | | | | | | | | | |
| 1937 | Saxis, Starling Creek, Pocomoke Sound | 37° 55.3' | 75° 43.7' | +3 52 | +4 36 | *0.89 | *1.17 | 2.24 | 2.69 | 1.26 |
| 1939 | Ape Hole Creek, Pocomoke Sound | 37° 57.7' | 75° 49.3' | +4 27 | +4 58 | *0.90 | *0.83 | 2.30 | 2.80 | 1.20 |
| | *Pocomoke River* | | | | | | | | | |
| 1941 | Shelltown | 37° 58.8' | 75° 38.3' | +4 32 | +5 16 | *0.94 | *1.00 | 2.40 | 2.90 | 1.30 |
| 1943 | Snowhill, city park | 38° 10.5' | 75° 24.0' | +8 44 | +8 54 | *0.58 | *1.33 | 1.39 | 1.67 | 0.86 |
| 1945 | Crisfield, Little Annemessex River | 37° 58.6' | 75° 51.8' | +4 34 | +4 51 | *0.75 | *1.00 | 1.86 | 2.23 | 1.05 |
| 1947 | Colburn Creek, Big Annemessex River | 38° 02.9' | 75° 48.2' | +4 59 | +5 30 | *0.78 | *1.17 | 1.94 | 2.33 | 1.11 |
| 1949 | Long Point, Big Annemessex River | 38° 03.4' | 75° 48.2' | +5 19 | +5 47 | *0.82 | *0.83 | 2.10 | 2.50 | 1.10 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | MARYLAND<br>Chesapeake Bay, Eastern Shore–cont.<br>Time meridian, 75° W | | | **on Ches. Bay Bridge Tunnel, p.116** | | | | | | |
| 1951 | Teague Creek, Manokin River | 38° 06.5' | 75° 50.3' | +5 38 | +6 05 | *0.82 | *0.83 | 2.10 | 2.50 | 1.10 |
| 1953 | Ewell, Smith Island | 37° 59.7' | 76° 01.9' | +4 56 | +5 19 | *0.61 | *1.00 | 1.53 | 1.84 | 0.88 |
| 1955 | Holland Island Bar Light | 38° 04.1' | 76° 05.8' | +5 16 | +5 30 | *0.56 | *0.58 | 1.40 | 1.70 | 0.80 |
| 1957 | Chance | 38° 10.2' | 75° 56.8' | +5 29 | +5 57 | *0.78 | *1.17 | 1.94 | 2.33 | 1.11 |
| 1959 | Sharkfin Shoal Light | 38° 12.1' | 75° 59.2' | +5 46 | +6 06 | *0.86 | *0.92 | 2.20 | 2.64 | 1.20 |
| 1961 | Great Shoals Light, Monie Bay | 38° 13.0' | 75° 53.0' | +6 00 | +6 22 | *0.90 | *0.92 | 2.30 | 2.80 | 1.30 |
| | *Wicomico River* | | | | | | | | | |
| 1963 | Whitehaven | 38° 16.0' | 75° 47.0' | +6 26 | +6 46 | *0.94 | *1.00 | 2.40 | 2.90 | 1.30 |
| 1965 | Salisbury | 38° 22.0' | 75° 36.0' | +7 21 | +7 24 | *1.20 | *1.25 | 3.00 | 3.60 | 1.70 |
| | *Nanticoke River* | | | | | | | | | |
| 1967 | Roaring Point | 38° 15.7' | 75° 55.2' | +6 00 | +6 35 | *0.90 | *0.92 | 2.30 | 2.76 | 1.30 |
| 1969 | Vienna | 38° 29.0' | 75° 49.1' | +8 25 | +8 32 | *0.79 | *1.33 | 1.94 | 2.33 | 1.13 |
| 1971 | Sharptown | 38° 32.5' | 75° 43.4' | +9 19 | +9 28 | *0.97 | *1.00 | 2.50 | 3.00 | 1.40 |
| 1973 | McCreedy's Creek, Fishing Bay | 38° 18.0' | 76° 00.4' | +5 49 | +6 22 | *0.82 | *1.17 | 2.05 | 2.46 | 1.16 |
| 1975 | Hooper Strait Light | 38° 13.6' | 76° 04.6' | +5 26 | +5 51 | *0.61 | *1.17 | 1.48 | 1.77 | 0.88 |
| 1977 | Bishops Head, Hooper Strait | 38° 13.2' | 76° 02.3' | +5 32 | +6 04 | *0.70 | *1.08 | 1.73 | 2.08 | 0.99 |
| | | | | **on Baltimore, p.108** | | | | | | |
| 1979 | Hooper Island Light | 38° 13.6' | 76° 14.6' | −5 27 | −5 26 | *1.19 | *0.64 | 1.48 | 1.67 | 0.88 |
| 1981 | Middle Hooper Island | 38° 17.8' | 76° 12.3' | −4 40 | −4 39 | *1.32 | *1.50 | 1.51 | 1.71 | 1.09 |
| 1983 | Barren Island | 38° 20.5' | 76° 15.9' | −4 45 | −4 56 | *1.01 | *0.68 | 1.22 | 1.38 | 0.77 |
| | *Little Choptank River* | | | | | | | | | |
| 1985 | Smithville Road Bridge, Beaverdam Creek | 38° 25.7' | 76° 14.2' | −2 26 | −2 49 | *1.01 | *0.82 | 1.19 | 1.34 | 0.78 |
| 1987 | Taylors Island, Slaughter Creek | 38° 28.0' | 76° 17.7' | −3 15 | −3 00 | *1.10 | *1.18 | 1.30 | 1.47 | 0.88 |
| 1989 | Woolford, Church Creek | 38° 30.4' | 76° 10.4' | −3 11 | −2 55 | *1.25 | *1.41 | 1.40 | 1.58 | 1.00 |
| 1991 | Cherry Island, Beckwiths Creek | 38° 33.7' | 76° 12.5' | −3 07 | −2 57 | *1.18 | *1.27 | 1.34 | 1.51 | 0.90 |
| | *Choptank River* | | | | | | | | | |
| 1993 | Cambridge | 38° 34.4' | 76° 04.1' | −2 42 | −2 28 | *1.23 | *0.95 | 1.62 | 1.83 | 1.02 |
| 1995 | Dover Bridge | 38° 45.4' | 75° 59.9' | −0 18 | −0 41 | *1.54 | *1.68 | 1.70 | 1.92 | 1.24 |
| 1997 | Hillsboro, Tuckahoe Creek | 38° 55.0' | 75° 56.7' | +1 21 | +1 18 | *1.83 | *0.86 | 2.30 | 2.60 | 1.34 |
| | *Tred Avon River* | | | | | | | | | |
| 1999 | Oxford | 38° 42.0' | 76° 10.4' | −2 50 | −2 45 | *1.25 | *1.41 | 1.40 | 1.58 | 1.00 |
| 2001 | Easton Point | 38° 46.1' | 76° 05.9' | −2 45 | −2 35 | *1.47 | *1.59 | 1.60 | 1.81 | 1.20 |
| 2003 | Deep Neck Point, Broad Creek | 38° 43.9' | 76° 16.1' | −2 57 | −2 47 | *1.25 | *1.41 | 1.40 | 1.58 | 1.00 |
| 2005 | St. Michaels, San Domingo Creek | 38° 46.5' | 76° 14.0' | −2 55 | −2 52 | *1.25 | *1.41 | 1.40 | 1.58 | 1.00 |
| 2007 | Avalon, Dogwood Harbor | 38° 42.5' | 76° 19.8' | −2 54 | −2 48 | *1.18 | *1.36 | 1.30 | 1.47 | 0.90 |
| 2009 | Tilghman Island, Ferry Cove, Eastern Bay | 38° 45.9' | 76° 19.7' | −2 33 | −2 42 | *0.98 | *1.00 | 1.10 | 1.24 | 0.78 |
| 2011 | Claiborne, Eastern Bay | 38° 50.2' | 76° 16.8' | −2 26 | −2 28 | *0.96 | *1.09 | 1.10 | 1.24 | 0.70 |
| 2013 | St. Michaels, Miles River | 38° 47.2' | 76° 13.3' | −2 12 | −2 02 | *1.22 | *1.18 | 1.40 | 1.58 | 0.96 |
| 2015 | Kent Island Narrows | 38° 58.0' | 76° 14.6' | −1 30 | −1 23 | *1.10 | *1.18 | 1.20 | 1.36 | 0.90 |
| 2017 | Matapeake, Kent Island | 38° 57.4' | 76° 21.3' | −1 30 | −1 49 | *0.90 | *0.95 | 1.02 | 1.15 | 0.72 |
| 2019 | Kent Point Marina | 38° 50.2' | 76° 22.4' | −2 21 | −2 29 | *0.97 | *0.95 | 1.11 | 1.25 | 0.76 |
| | *Chester River* | | | | | | | | | |
| 2021 | Love Point | 39° 01.9' | 76° 18.1' | −0 25 | −0 41 | *1.03 | *0.95 | 1.19 | 1.34 | 0.84 |
| 2023 | Queenstown | 38° 59.8' | 76° 09.5' | +0 05 | −0 08 | *1.18 | *1.27 | 1.30 | 1.47 | 0.90 |
| 2025 | Centreville Landing, Corsica River | 39° 03.2' | 76° 04.5' | +0 20 | +0 14 | *1.47 | *1.89 | 1.60 | 1.81 | 1.20 |
| 2027 | Cliffs Point | 39° 06.4' | 76° 08.5' | +0 12 | −0 02 | *1.32 | *1.50 | 1.50 | 1.70 | 1.00 |
| 2029 | Cliffs Wharf | 39° 06.7' | 76° 08.3' | +0 09 | −0 08 | *1.33 | *1.27 | 1.53 | 1.73 | 1.05 |
| 2031 | Chestertown | 39° 12.4' | 76° 03.8' | +1 03 | +0 36 | *1.62 | *1.77 | 1.80 | 2.03 | 1.31 |
| 2033 | Crumpton | 39° 14.7' | 75° 55.5' | +1 10 | +1 04 | *1.82 | *0.91 | 2.28 | 2.58 | 1.34 |
| 2035 | Deep Landing, Swan Creek | 39° 08.7' | 76° 15.6' | +0 02 | −0 04 | *0.96 | *1.09 | 1.13 | 1.28 | 0.70 |
| 2037 | Tolchester Beach | 39° 12.8' | 76° 14.7' | +0 18 | +0 11 | *1.04 | *0.95 | 1.20 | 1.35 | 0.81 |
| 2039 | Worton Creek entrance | 39° 17.8' | 76° 10.3' | +1 22 | +1 19 | *1.18 | *1.27 | 1.30 | 1.47 | 0.90 |
| 2041 | Sassafras River, Betterton | 39° 22.3' | 76° 03.8' | +2 35 | +2 15 | *1.34 | *1.00 | 1.60 | 1.81 | 1.02 |
| | *Elk River* | | | | | | | | | |
| 2043 | Town Point Wharf | 39° 30.2' | 75° 55.0' | +3 18 | +2 59 | *1.74 | *0.86 | 2.17 | 2.45 | 1.28 |
| | C & D Canal (see Delaware River) | – – – | – – – | – – – | – – – | – – – | – – – | – – | – – | – – |
| | Chesapeake City, Maryland (see C & D Canal) | – – – | – – – | – – – | – – – | – – – | – – – | – – | – – | – – |
| 2045 | Old Frenchtown Wharf | 39° 34.5' | 75° 50.6' | +3 13 | +3 00 | *2.06 | *2.27 | 2.30 | 2.60 | 1.60 |
| 2047 | Charlestown, Northeast River | 39° 34.4' | 75° 58.2' | +3 52 | +4 03 | *1.69 | *1.86 | 1.90 | 2.15 | 1.30 |
| | Chesapeake Bay, western shore | | | | | | | | | |
| | *Susquehanna River* | | | | | | | | | |
| 2049 | Havre de Grace | 39° 32.2' | 76° 05.4' | +3 13 | +3 27 | *1.55 | *0.95 | 1.90 | 2.15 | 1.16 |
| 2051 | Port Deposit | 39° 36.0' | 76° 06.8' | +3 24 | +3 49 | *1.51 | *1.14 | 1.81 | 2.04 | 1.16 |
| 2053 | Pond Point, Bush River | 39° 23.3' | 76° 15.3' | +1 52 | +1 31 | *1.06 | *0.86 | 1.25 | 1.41 | 0.81 |
| | *Patapsco River* | | | | | | | | | |
| 2055 | North Point | 39° 11.8' | 76° 26.8' | +0 12 | +0 04 | *0.93 | *1.09 | 1.03 | 1.16 | 0.75 |
| 2057 | Stony Creek | 39° 09.8' | 76° 31.6' | +0 03 | −0 05 | *0.95 | *0.91 | 1.09 | 1.23 | 0.75 |
| 2059 | Hawkins Point | 39° 12.5' | 76° 32.0' | +0 00 | +0 06 | *1.03 | *0.95 | 1.19 | 1.34 | 0.80 |
| 2061 | BALTIMORE, Fort McHenry | 39° 16.0' | 76° 34.7' | | *Daily predictions* | | | 1.14 | 1.25 | 0.79 |
| 2063 | Fort McHenry Marsh | 39° 15.7' | 76° 35.1' | −0 01 | −0 01 | *1.00 | *1.00 | 1.14 | 1.29 | 0.78 |
| 2065 | Mountain Point, Magothy River | 39° 03.7' | 76° 26.0' | −0 04 | −0 04 | *0.74 | *0.77 | 0.80 | 0.90 | 0.60 |
| 2067 | Cornfield Creek, Magothy River | 39° 06.0' | 76° 26.7' | −0 29 | −0 38 | *0.89 | *0.95 | 0.99 | 1.12 | 0.71 |
| | *Severn River* | | | | | | | | | |
| 2069 | Brewer Point | 39° 01.6' | 76° 32.0' | −0 45 | −0 54 | *0.74 | *0.91 | 0.80 | 0.90 | 0.60 |
| 2071 | Annapolis (US Naval Academy) | 38° 59.0' | 76° 28.8' | −1 30 | −1 44 | *0.88 | *1.00 | 0.97 | 1.12 | 0.71 |
| 2073 | Thomas Point Shoal Light | 38° 54.0' | 76° 26.0' | −1 56 | −2 11 | *0.81 | *0.91 | 0.90 | 1.02 | 0.60 |
| 2075 | Edgewater, South River | 38° 57.0' | 76° 33.0' | −1 51 | −2 07 | *0.81 | *0.91 | 0.90 | 1.02 | 0.60 |
| 2077 | Gingerville Creek, South River | 38° 57.5' | 76° 33.3' | −2 01 | −2 06 | *0.92 | *1.00 | 1.03 | 1.16 | 0.74 |
| 2079 | Rhode River (County Wharf) | 38° 53.2' | 76° 32.4' | −2 07 | −2 17 | *0.88 | *1.00 | 0.98 | 1.10 | 0.70 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | MARYLAND<br>Chesapeake Bay, western shore–cont.<br>Time meridian, 75° W | | | | **on Baltimore, p.108** | | | | | |
| 2081 | Galesville, West River | 38° 50.0' | 76° 32.0' | −1 39 | −1 34 | *0.81 | *0.91 | 0.90 | 1.01 | 0.60 |
| 2083 | Rose Haven | 38° 43.5' | 76° 32.5' | −2 37 | −2 44 | *0.81 | *0.91 | 0.90 | 1.01 | 0.60 |
| 2085 | Chesapeake Beach | 38° 41.0' | 76° 32.0' | −2 47 | −3 05 | *0.88 | *1.00 | 1.00 | 1.13 | 0.70 |
| 2087 | Long Beach | 38° 27.9' | 76° 28.4' | −3 47 | −4 04 | *0.87 | *0.77 | 1.01 | 1.14 | 0.67 |
| 2089 | Cove Point | 38° 23.5' | 76° 23.9' | −4 10 | −4 25 | *0.83 | *0.83 | 1.04 | 1.18 | 0.61 |
| | *Patuxent River* | | | | | | | | | |
| 2091 | Solomons Island | 38° 19.0' | 76° 27.1' | −4 38 | −4 46 | *0.98 | *0.73 | 1.17 | 1.34 | 0.74 |
| 2093 | Broomes Island | 38° 24.9' | 76° 32.7' | −4 13 | −4 19 | *1.18 | *1.36 | 1.30 | 1.47 | 0.94 |
| 2095 | Benedict | 38° 30.8' | 76° 40.2' | −3 54 | −3 54 | *1.47 | *1.82 | 1.60 | 1.81 | 0.81 |
| 2097 | Lower Marlboro | 38° 39.3' | 76° 41.0' | −2 44 | −2 51 | *1.44 | *0.77 | 1.80 | 2.03 | 1.07 |
| 2099 | Point Lookout | 38° 02.4' | 76° 1.4' | −5 28 | −5 37 | *1.02 | *0.77 | 1.22 | 1.38 | 0.78 |
| | MD., VA. and DISTRICT OF COLUMBIA<br>Potomac River | | | | **on Washington, p.112** | | | | | |
| 2101 | Cornfield Harbor, Md. | 38° 03.7' | 76° 21.5' | −6 16 | −7 35 | *0.48 | *0.53 | 1.30 | 1.43 | 0.76 |
| 2103 | Lewisetta, Va. | 37° 59.7' | 76° 27.9' | −6 19 | −7 31 | *0.46 | *0.80 | 1.25 | 1.42 | 0.74 |
| 2105 | Travis Point, Coan River, Va. | 37° 59.8' | 76° 28.0' | −6 00 | −7 05 | *0.44 | *0.67 | 1.20 | 1.32 | 0.70 |
| 2107 | Kinsale, Yeocomico River, Va. | 38° 01.9' | 76° 34.6' | −5 46 | −6 53 | *0.44 | *0.67 | 1.20 | 1.32 | 0.70 |
| 2109 | Piney Point, Md. | 38° 08.0' | 76° 32.0' | −5 54 | −7 16 | *0.51 | *0.60 | 1.40 | 1.54 | 0.80 |
| 2111 | Ragged Point, Coles Neck, Va. | 38° 08.5' | 76° 36.8' | −5 35 | −7 03 | *0.54 | *0.67 | 1.50 | 1.65 | 0.85 |
| 2113 | Mount Holly, Nomini Creek, Va. | 38° 05.9' | 76° 44.1' | −4 51 | −6 14 | *0.54 | *0.67 | 1.50 | 1.65 | 0.80 |
| 2115 | Colton Point, Md. | 38° 13.2' | 76° 45.0' | −5 18 | −6 43 | *0.65 | *0.73 | 1.80 | 1.98 | 1.03 |
| 2117 | Mills Point (south of), Wicomico Riv., Md. | 38° 19.6' | 76° 50.0' | −5 05 | −6 05 | *0.65 | *0.73 | 1.80 | 1.98 | 1.00 |
| 2119 | Colonial Beach, Va. | 38° 15.1' | 76° 57.6' | −5 08 | −6 13 | *0.61 | *0.93 | 1.63 | 1.79 | 0.96 |
| 2121 | Dahlgren, Upper Machodoc Creek, Va. | 38° 19.2' | 77° 02.2' | −4 42 | −5 33 | *0.58 | *0.67 | 1.64 | 1.80 | 0.92 |
| 2123 | Lower Cedar Point, Md. | 38° 20.5' | 76° 58.6' | −4 48 | −5 56 | *0.54 | *0.60 | 1.50 | 1.65 | 0.80 |
| 2125 | Mathias Point, Va. | 38° 23.9' | 77° 03.2' | −4 00 | −4 56 | *0.44 | *0.67 | 1.20 | 1.32 | 0.70 |
| 2127 | Goose Creek, Port Tobacco River, Md. | 38° 27.2' | 77° 03.3' | −4 08 | −5 07 | *0.54 | *0.60 | 1.46 | 1.61 | 0.82 |
| 2129 | Riverside, Md. | 38° 23.2' | 77° 08.7' | −3 23 | −4 24 | *0.48 | *0.53 | 1.28 | 1.41 | 0.78 |
| 2131 | Aquia Creek, Va. | 38° 25.1' | 77° 21.2' | −1 28 | −2 32 | *0.48 | *0.67 | 1.26 | 1.39 | 0.71 |
| 2133 | Clifton Beach, Smith Point, Md. | 38° 24.8' | 77° 16.0' | −1 42 | −2 46 | *0.41 | *0.67 | 1.10 | 1.21 | 0.60 |
| 2135 | Liverpool Point, Md. | 38° 27.6' | 77° 16.2' | −0 39 | −1 58 | *0.44 | *0.67 | 1.20 | 1.32 | 0.70 |
| 2137 | Quantico, Va. | 38° 31.2' | 77° 17.2' | −0 52 | −2 04 | *0.51 | *0.67 | 1.40 | 1.54 | 0.80 |
| 2139 | Indian Head, Md. | 38° 36.1' | 77° 11.1' | −0 14 | −1 33 | *0.65 | *0.73 | 1.80 | 1.98 | 1.03 |
| 2141 | Marshall Hall, Md. | 38° 41.2' | 77° 06.1' | +0 10 | −0 55 | *0.82 | *0.93 | 2.30 | 2.53 | 1.27 |
| 2143 | Alexandria, Va. | 38° 48.3' | 77° 02.3' | +0 18 | −0 11 | *0.96 | *1.33 | 2.62 | 2.88 | 1.51 |
| 2145 | Bellevue, D.C. | 38° 49.6' | 77° 01.6' | +0 34 | −0 11 | *1.02 | *1.33 | 2.80 | 3.08 | 1.60 |
| 2147 | WASHINGTON, Washington Channel, D.C. | 38° 52.3' | 77° 01.2' | | *Daily predictions* | | | 2.77 | 3.07 | 1.55 |
| | *Anacostia River* | | | | | | | | | |
| 2149 | Washington Naval Yard | 38° 52.3' | 76° 59.7' | +0 18 | −0 06 | *1.01 | *1.20 | 2.80 | 3.08 | 1.57 |
| 2151 | Kingman Lake | 38° 53.7' | 76° 58.1' | +0 22 | +0 04 | *1.03 | *1.20 | 2.84 | 3.12 | 1.60 |
| 2153 | Kenilworth Aquatic Garden | 38° 54.6' | 76° 57.3' | +0 29 | +0 10 | *1.05 | *1.07 | 2.92 | 3.21 | 1.62 |
| 2155 | Bladensburg, Md. | 38° 56.0' | 76° 56.3' | +0 31 | +0 25 | *1.06 | *1.13 | 2.95 | 3.25 | 1.64 |
| | VIRGINIA<br>Chesapeake Bay, western shore–cont. | | | | **on Ches. Bay Bridge Tunnel, p.116** | | | | | |
| 2157 | Sunnybank, Little Wicomico River | 37° 53.2' | 76° 16.0' | +6 41 | +6 45 | *0.30 | *0.30 | 0.80 | 0.96 | 0.40 |
| 2159 | Great Wicomico River Light | 37° 48.3' | 76° 16.1' | +3 58 | +4 11 | *0.41 | *0.41 | 1.10 | 1.32 | 0.50 |
| 2161 | Fleeton Point | 37° 48.8' | 76° 16.5' | +3 58 | +4 14 | *0.41 | *0.41 | 1.10 | 1.32 | 0.59 |
| 2163 | Glebe Point, Great Wicomico River | 37° 50.8' | 76° 22.1' | +4 15 | +4 37 | *0.49 | *0.83 | 1.20 | 1.44 | 0.70 |
| 2165 | Windmill Point Light | 37° 35.8' | 76° 14.2' | +2 48 | +3 12 | *0.41 | *0.41 | 1.10 | 1.32 | 0.50 |
| | | | | | **on Hampton Roads, p.120** | | | | | |
| | *Rappahannock River* | | | | | | | | | |
| 2167 | Windmill Point | 37° 36.9' | 76° 17.4' | +1 55 | +2 14 | *0.49 | *0.83 | 1.16 | 1.40 | 0.68 |
| 2169 | Mill Creek (Grey Point) | 37° 35.0' | 76° 25.1' | +2 28 | +2 42 | *0.55 | *0.83 | 1.30 | 1.57 | 0.69 |
| 2171 | Millenbeck, Corrotoman River | 37° 40.1' | 76° 29.2' | +2 37 | +3 05 | *0.55 | *0.83 | 1.30 | 1.57 | 0.70 |
| 2173 | Urbanna | 37° 39.0' | 76° 34.5' | +2 50 | +3 09 | *0.59 | *0.83 | 1.40 | 1.69 | 0.79 |
| 2175 | Bayport | 37° 45.3' | 76° 40.4' | +3 22 | +3 51 | *0.67 | *0.83 | 1.60 | 1.94 | 0.90 |
| 2177 | Wares Wharf | 37° 52.4' | 76° 47.0' | +4 04 | +4 34 | *0.75 | *0.33 | 1.88 | 2.27 | 0.98 |
| 2179 | Tappahannock | 37° 55.8' | 76° 51.4' | +4 40 | +5 18 | *0.71 | *0.83 | 1.74 | 2.11 | 0.95 |
| | | | | | **on Washington, p.112** | | | | | |
| 2181 | Saunders Wharf | 38° 05.4' | 77° 02.0' | −3 53 | −4 41 | *0.54 | *0.66 | 1.50 | 1.65 | 0.85 |
| 2183 | Port Royal | 38° 10.4' | 77° 11.4' | −2 19 | −3 02 | *0.68 | *0.67 | 1.90 | 2.09 | 1.10 |
| 2185 | Park Turn | 38° 12.8' | 77° 14.6' | −1 35 | −2 30 | *0.73 | *0.20 | 2.13 | 2.34 | 1.09 |
| 2187 | Hopyard Landing | 38° 14.6' | 77° 13.6' | −1 07 | −1 57 | *0.75 | *0.67 | 2.10 | 2.31 | 1.19 |
| 2189 | Massaponax | 38° 15.3' | 77° 24.6' | −0 39 | −0 41 | *0.88 | *1.33 | 2.50 | 2.75 | 1.39 |
| | | | | | **on Hampton Roads, p.120** | | | | | |
| | *Piankatank River* | | | | | | | | | |
| 2191 | Jackson Creek, Deltaville | 37° 32.9' | 76° 19.9' | +1 36 | +2 04 | *0.51 | *0.83 | 1.20 | 1.45 | 0.70 |
| 2193 | Dixie | 37° 30.5' | 76° 25.0' | +1 34 | +2 14 | *0.55 | *0.83 | 1.30 | 1.57 | 0.72 |
| 2195 | Wolf Trap Light | 37° 23.4' | 76° 11.4' | −0 02 | +0 32 | *0.67 | *0.83 | 1.60 | 1.94 | 0.90 |
| | *Mobjack Bay* | | | | | | | | | |
| 2197 | Mobjack, East River | 37° 22.4' | 76° 20.8' | −0 17 | +0 02 | *0.98 | *0.83 | 2.40 | 2.90 | 1.30 |
| 2199 | Belleville | 37° 24.7' | 76° 26.3' | −0 06 | +0 00 | *1.02 | *0.83 | 2.48 | 3.00 | 1.36 |
| 2201 | Browns Bay | 37° 18.1' | 76° 24.2' | −0 11 | −0 03 | *0.98 | *1.58 | 2.32 | 2.81 | 1.35 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **North** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | VIRGINIA<br>York River<br>Time meridian, 75° W | | | **on Hampton Roads, p.120** | | | | | | |
| 2203 | Tue Marshes Light | 37° 14.1' | 76° 23.1' | +0 03 | +0 03 | *0.90 | *0.83 | 2.17 | 2.63 | 1.19 |
| 2205 | Yorktown, Goodwin Neck | 37° 13.4' | 76° 26.4' | +0 18 | +0 15 | *0.90 | *0.83 | 2.20 | 2.66 | 1.23 |
| 2207 | Yorktown, USCG Training Center | 37° 13.6' | 76° 28.7' | +0 10 | +0 15 | *0.95 | *1.08 | 2.29 | 2.77 | 1.28 |
| 2209 | Gloucester Point | 37° 14.8' | 76° 30.0' | +0 10 | +0 11 | *0.98 | *1.00 | 2.38 | 2.93 | 1.30 |
| 2211 | Cheatham Annex | 37° 17.5' | 76° 35.2' | +0 48 | +0 40 | *1.02 | *0.83 | 2.50 | 3.03 | 1.34 |
| 2213 | Roane Point | 37° 26.9' | 76° 42.4' | +1 47 | +1 50 | *1.14 | *0.83 | 2.81 | 3.40 | 1.54 |
| 2215 | West Point | 37° 32.1' | 76° 47.6' | +2 12 | +2 38 | *1.14 | *0.83 | 2.80 | 3.39 | 1.50 |
| 2217 | Wakema (Fraziers Ferry), Mattaponi River | 37° 39.0' | 76° 54.0' | +3 34 | +3 57 | *1.41 | *1.67 | 3.42 | 4.14 | 1.90 |
| | *Pamunkey River* | | | | | | | | | |
| 2219 | Lester Manor | 37° 35.0' | 76° 59.4' | +4 45 | +5 00 | *1.05 | *0.83 | 2.80 | 3.39 | 1.50 |
| 2221 | Northbury | 37° 37.5' | 77° 07.3' | +6 03 | +6 18 | *1.37 | *1.67 | 3.30 | 4.01 | 1.80 |
| | Chesapeake Bay, western shore–cont. | | | | | | | | | |
| 2223 | Messick Point, Back River | 37° 06.5' | 76° 19.1' | −0 07 | +0 02 | *0.97 | *0.97 | 2.30 | 2.78 | 1.33 |
| | *Hampton Roads* | | | | | | | | | |
| 2225 | Old Point Comfort | 37° 00.2' | 76° 18.9' | +0 01 | +0 09 | *1.02 | *0.83 | 2.52 | 3.05 | 1.38 |
| 2227 | HAMPTON ROADS (Sewells Point) | 36° 56.8' | 76° 19.8' | | *Daily predictions* | | | 2.43 | 2.95 | 1.34 |
| | *Elizabeth River* | | | | | | | | | |
| 2229 | Craney Island Light | 36° 53.5' | 76° 20.3' | +0 18 | +0 04 | *1.06 | *0.83 | 2.60 | 3.15 | 1.40 |
| 2231 | Norfolk | 36° 51.1' | 76° 17.9' | +0 23 | +0 20 | *1.14 | *0.83 | 2.82 | 3.41 | 1.50 |
| 2233 | Portsmouth, Naval Shipyard | 36° 49.3' | 76° 17.6' | +0 08 | +0 10 | *1.13 | *1.17 | 2.76 | 3.26 | 1.52 |
| 2235 | Money Point | 36° 46.7' | 76° 18.1' | +0 16 | +0 12 | *1.18 | *1.17 | 2.86 | 3.46 | 1.57 |
| 2237 | Deep Creek Entrance | 36° 45.3' | 76° 17.6' | +0 22 | +0 18 | *1.21 | *1.25 | 2.92 | 3.53 | 1.61 |
| | *Nansemond River* | | | | | | | | | |
| 2239 | Pig Point | 36° 55.0' | 76° 26.1' | +0 42 | +0 40 | *1.05 | *0.83 | 2.80 | 3.39 | 1.50 |
| 2241 | Town Point | 36° 53.0' | 76° 30.5' | +0 37 | +0 44 | *1.22 | *0.83 | 3.00 | 3.63 | 1.60 |
| 2243 | Hollidays Point (Kings Highway bridge) | 36° 50.3' | 76° 33.0' | +0 56 | +1 03 | *1.25 | *1.67 | 3.00 | 3.63 | 1.63 |
| | James River | | | | | | | | | |
| 2245 | Newport News | 36° 58.4' | 76° 26.0' | +0 29 | +0 28 | *1.08 | *0.83 | 2.60 | 3.15 | 1.40 |
| 2247 | Huntington Park | 37° 00.8' | 76° 27.5' | +0 38 | +0 39 | *1.07 | *0.92 | 2.62 | 3.17 | 1.42 |
| 2249 | Menchville | 37° 04.9' | 76° 31.5' | +1 03 | +1 19 | *1.06 | *0.83 | 2.60 | 3.15 | 1.40 |
| 2251 | Smithfield, Pagan River | 36° 59.1' | 76° 37.8' | +1 34 | +1 38 | *1.14 | *0.83 | 2.78 | 3.36 | 1.50 |
| 2253 | Burwell Bay | 37° 03.4' | 76° 40.1' | +1 17 | +1 39 | *1.00 | *1.17 | 2.42 | 2.93 | 1.35 |
| 2255 | Mulberry Point, Fort Eustis | 37° 08.2' | 76° 38.0' | +2 05 | +2 26 | *0.98 | *0.83 | 2.40 | 2.90 | 1.30 |
| 2257 | Kingsmill | 37° 13.2' | 76° 39.8' | +2 05 | +2 26 | *0.94 | *1.33 | 2.26 | 2.73 | 1.29 |
| 2259 | Scotland | 37° 11.1' | 76° 47.0' | +2 44 | +3 13 | *0.78 | *1.08 | 1.84 | 2.22 | 1.06 |
| 2261 | Jamestown Island, Church Point | 37° 12.4' | 76° 46.7' | +3 03 | +3 36 | *0.82 | *0.83 | 2.00 | 2.42 | 1.10 |
| | *Chickahominy River* | | | | | | | | | |
| 2263 | Ferry Point (bridge) | 37° 15.8' | 76° 52.7' | +4 01 | +4 26 | *0.78 | *0.83 | 1.90 | 2.30 | 1.04 |
| 2265 | Wright Island Landing | 37° 20.7' | 76° 52.5' | +4 44 | +5 03 | *0.90 | *0.83 | 2.20 | 2.66 | 1.20 |
| 2267 | Claremont | 37° 13.9' | 76° 56.9' | +3 51 | +4 25 | *0.76 | *1.17 | 1.79 | 2.11 | 1.06 |
| 2269 | Sturgeon Point | 37° 18.4' | 77° 00.4' | +4 37 | +5 09 | *0.86 | *0.83 | 2.10 | 2.54 | 1.10 |
| 2271 | Willcox Wharf, Charles City | 37° 19.0' | 77° 05.9' | +5 30 | +5 50 | *0.90 | *0.83 | 2.15 | 2.60 | 1.09 |
| 2273 | Jordan Point | 37° 18.8' | 77° 13.4' | +6 16 | +6 39 | *1.02 | *0.83 | 2.50 | 3.02 | 1.40 |
| | | | | **on Washington, p.112** | | | | | | |
| 2275 | City Point, Hopewell | 37° 18.8' | 77° 16.2' | −4 30 | −5 24 | *0.86 | *1.00 | 2.40 | 2.64 | 1.35 |
| 2277 | Puddledock, Appomattox River | 37° 16.0' | 77° 22.3' | −3 49 | −4 32 | *1.00 | *1.07 | 2.80 | 3.08 | 1.55 |
| 2279 | Haxall | 37° 22.4' | 77° 14.6' | −4 10 | −4 53 | *0.99 | *1.33 | 2.70 | 2.97 | 1.60 |
| 2281 | Chester | 37° 23.0' | 77° 22.7' | −3 39 | −3 59 | *1.02 | *0.67 | 2.90 | 3.19 | 1.60 |
| 2283 | Meadowville | 37° 22.7' | 77° 19.4' | −3 46 | −4 17 | *1.05 | *1.33 | 2.90 | 3.19 | 1.60 |
| 2285 | Richmond (river locks) | 37° 31.5' | 77° 25.2' | −3 16 | −3 26 | *1.16 | *1.33 | 3.20 | 3.52 | 1.80 |
| | Chesapeake Bay, southern shore | | | **on Ches. Bay Bridge Tunnel, p.116** | | | | | | |
| 2287 | Little Creek, NAB | 36° 54.7' | 76° 10.5' | +0 08 | +0 09 | *1.01 | *1.17 | 2.57 | 3.08 | 1.42 |
| 2289 | CHESAPEAKE BAY BRIDGE TUNNEL | 36° 58.0' | 76° 06.8' | | *Daily predictions* | | | 2.55 | 3.07 | 1.40 |
| 2291 | Lynnhaven Inlet, Virginia Pilots Dock | 36° 54.4' | 76° 05.4' | +0 40 | +0 38 | *0.88 | *1.08 | 2.22 | 2.66 | 1.24 |
| | *Lynnhaven Bay* | | | | | | | | | |
| 2293 | Bayville | 36° 53.6' | 76° 06.3' | +1 52 | +2 48 | *0.67 | *0.83 | 1.70 | 2.04 | 1.00 |
| 2295 | Buchanan Creek entrance | 36° 51.7' | 76° 06.9' | +2 02 | +2 56 | *0.75 | *0.83 | 1.90 | 2.28 | 1.00 |
| 2297 | Brown Cove | 36° 52.5' | 76° 03.7' | +2 05 | +2 43 | *0.65 | *0.83 | 1.64 | 1.96 | 0.92 |
| 2299 | Broad Bay Canal | 36° 54.1' | 76° 03.7' | +2 05 | +2 00 | *0.56 | *0.92 | 1.38 | 1.66 | 0.80 |
| 2301 | Long Creek | 36° 54.2' | 76° 04.2' | +1 15 | +1 15 | *0.68 | *1.08 | 1.68 | 2.02 | 0.97 |
| | VIRGINIA, outer coast | | | **on Duck Pier, p.124** | | | | | | |
| 2303 | Cape Henry | 36° 55.8' | 76° 00.4' | +0 31 | +0 36 | *0.96 | *0.93 | 3.12 | 3.71 | 1.68 |
| 2305 | Virginia Beach | 36° 50.6' | 75° 58.3' | +0 15 | +0 16 | *1.07 | *1.07 | 3.34 | 3.97 | 1.85 |
| 2307 | Rudee Inlet entrance | 36° 49.9' | 75° 58.1' | +0 02 | +0 02 | *1.01 | *0.86 | 3.28 | 3.90 | 1.77 |
| 2309 | Rudee Inlet, interior channel | 36° 49.9' | 75° 58.4' | +0 17 | +0 16 | *1.02 | *1.00 | 3.28 | 3.92 | 1.79 |
| 2311 | Rudee Heights, Lake Wesley | 36° 49.5' | 75° 58.5' | +0 18 | +0 16 | *1.03 | *1.00 | 3.32 | 3.95 | 1.81 |
| 2313 | Lake Rudee, south end | 36° 49.5' | 75° 58.9' | +0 20 | +0 19 | *1.05 | *1.07 | 3.39 | 4.03 | 1.85 |
| 2315 | Sandbridge | 36° 41.5' | 75° 55.2' | +0 07 | +0 07 | *1.04 | *1.04 | 3.35 | 3.99 | 1.85 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | NORTH CAROLINA, outer coast<br>Time meridian, 75° W | | | | **on Duck Pier, p.124** | | | | | |
| 2317 | DUCK PIER | 36° 11.0' | 75° 44.8' | | *Daily predictions* | | | 3.22 | 3.96 | 1.75 |
| 2319 | Albemarle and Pamlico Sounds <9> | – – – | – – – | – – – | – – – | – – – | – – – | – – | – – | – – |
| 2321 | Kitty Hawk (ocean) | 36° 06.1' | 75° 42.6' | −0 01 | +0 02 | *1.01 | *1.43 | 3.19 | 3.80 | 1.80 |
| 2323 | Jennettes Pier, Nags Head (ocean) | 35° 54.6' | 75° 35.5' | −0 05 | +0 01 | *1.04 | *1.43 | 3.26 | 3.88 | 1.80 |
| | | | | | **on Oregon Inlet, p.128** | | | | | |
| 2325 | Roanoke Sound Channel | 35° 48' | 75° 35' | +1 37 | +1 17 | *0.47 | *0.14 | 0.5 | 0.6 | 0.3 |
| 2327 | OREGON INLET MARINA | 35° 47.7' | 75° 32.9' | | *Daily predictions* | | | 0.89 | 1.08 | 0.58 |
| 2329 | Oregon Inlet | 35° 46' | 75° 31' | −0 03 | −0 27 | *1.98 | *0.71 | 2.0 | 2.4 | 1.1 |
| 2331 | Oregon Inlet (USCG Station) | 35° 46.1' | 75° 31.6' | −0 22 | −0 51 | *2.00 | *0.69 | 1.97 | 2.30 | 1.07 |
| 2333 | Oregon Inlet Bridge | 35° 46.4' | 75° 32.3' | −0 17 | −0 55 | *1.89 | *0.64 | 1.9 | 2.3 | 1.1 |
| 2335 | Oregon Inlet Channel | 35° 46.5' | 75° 33.5' | −0 09 | −0 34 | *1.23 | *0.43 | 1.2 | 1.4 | 0.7 |
| 2337 | Old House Channel | 35° 46.5' | 75° 34.9' | +0 34 | +0 28 | *0.66 | *0.21 | 0.7 | 0.8 | 0.4 |
| 2339 | Davis Slough | 35° 44.9' | 75° 33.2' | +0 09 | −0 01 | *0.85 | *0.29 | 0.9 | 1.1 | 0.5 |
| 2341 | Rodanthe, Pamlico Sound | 35° 35.7' | 75° 28.3' | +2 03 | +1 36 | *0.79 | *0.69 | 0.72 | 0.84 | 0.45 |
| | | | | | **on Cape Hatteras, p.132** | | | | | |
| 2343 | Cape Hatteras | 35° 14' | 75° 31' | +0 01 | +0 01 | *1.00 | *1.08 | 3.6 | 4.3 | 2.0 |
| 2345 | CAPE HATTERAS FISHING PIER | 35° 13.4' | 75° 38.1' | | *Daily predictions* | | | 2.99 | 3.60 | 1.61 |
| 2347 | Hatteras (ocean) | 35° 12' | 75° 42' | −0 15 | −0 13 | *1.14 | *1.67 | 3.4 | 4.1 | 1.9 |
| 2349 | Hatteras Inlet | 35° 12' | 75° 44' | +0 08 | +0 13 | *0.66 | *0.83 | 2.0 | 2.4 | 1.1 |
| 2351 | Ocracoke Inlet | 35° 04' | 76° 01' | +0 09 | +0 11 | *0.63 | *0.83 | 1.9 | 2.3 | 1.0 |
| 2353 | Ocracoke, Ocracoke Island | 35° 06.9' | 75° 59.3' | +0 15 | +0 47 | *0.34 | *0.50 | 0.99 | 1.19 | 0.56 |
| 2355 | Cape Lookout Bight | 34° 36.8' | 76° 32.3' | −0 17 | −0 12 | *1.35 | *1.33 | 4.05 | 4.86 | 2.19 |
| 2357 | Cape Lookout (ocean) | 34° 36.5' | 76° 31.7' | −0 22 | −0 22 | *1.15 | *1.25 | 3.44 | 4.13 | 1.87 |
| 2359 | Shell Point, Harkers Island | 34° 41' | 76° 32' | +1 52 | +2 34 | *0.54 | *0.83 | 1.6 | 1.8 | 0.9 |
| 2361 | Harkers Island Bridge | 34° 43' | 76° 35' | +2 08 | +2 31 | *0.52 | *0.67 | 1.6 | 1.7 | 0.9 |
| 2363 | Channel Marker Lt. 59 | 34° 42' | 76° 37' | +1 25 | +1 27 | *0.66 | *0.83 | 2.0 | 2.3 | 1.1 |
| 2365 | Lenoxville Point | 34° 42.5' | 76° 37.2' | +1 18 | +1 11 | *0.80 | *1.00 | 2.37 | 2.84 | 1.31 |
| 2367 | North River Bridge | 34° 47' | 76° 37' | +2 25 | +3 08 | *0.59 | *0.67 | 1.8 | 2.0 | 1.0 |
| 2369 | Beaufort Inlet Channel Range | 34° 42' | 76° 40' | +0 07 | +0 11 | *1.07 | *1.67 | 3.2 | 3.8 | 1.6 |
| 2371 | Beaufort, Taylor Creek | 34° 42.7' | 76° 38.7' | +0 52 | +0 48 | *0.95 | *1.17 | 2.82 | 3.38 | 1.55 |
| 2373 | Beaufort, Duke Marine Lab | 34° 43.2' | 76° 40.2' | +0 39 | +0 36 | *1.05 | *1.17 | 3.11 | 3.58 | 1.70 |
| 2375 | Gallant Channel | 34° 44' | 76° 40' | +0 49 | +0 44 | *1.01 | *1.25 | 3.0 | 3.5 | 1.7 |
| 2377 | Newport River (Yacht Club) | 34° 46.1' | 76° 40.3' | +1 03 | +1 13 | *1.03 | *1.00 | 3.08 | 3.70 | 1.66 |
| 2379 | Core Creek Bridge | 34° 50' | 76° 42' | +1 26 | +1 46 | *0.68 | *0.83 | 2.1 | 2.3 | 1.1 |
| 2381 | Fort Macon, USCG Station | 34° 42' | 76° 41' | +0 17 | +0 18 | *1.03 | *1.25 | 3.1 | 3.7 | 1.7 |
| 2383 | Morehead City | 34° 43' | 76° 42' | +0 26 | +0 27 | *1.04 | *1.25 | 3.1 | 3.7 | 1.7 |
| 2385 | Morehead City Harbor | 34° 43.2' | 76° 43.7' | +0 35 | +0 37 | *1.04 | *1.17 | 3.08 | 3.70 | 1.68 |
| 2387 | Atlantic Beach | 34° 41.6' | 76° 42.7' | −0 02 | +0 01 | *1.23 | *1.25 | 3.65 | 4.38 | 1.98 |
| 2389 | Triple ESS Marina, Bogue Sd. | 34° 42' | 76° 43' | +0 35 | +0 28 | *0.93 | *1.17 | 2.8 | 3.3 | 1.5 |
| 2391 | Atlantic Beach Bridge | 34° 43' | 76° 44' | +0 48 | +1 02 | *0.79 | *0.83 | 2.4 | 2.8 | 1.2 |
| 2393 | N.C. State Fisheries | 34° 43' | 76° 45' | +1 05 | +1 32 | *0.66 | *0.83 | 2.0 | 2.3 | 1.1 |
| 2395 | Coral Bay, Atlantic Beach | 34° 42' | 76° 46' | +1 47 | +2 14 | *0.53 | *0.83 | 1.6 | 1.8 | 0.9 |
| 2397 | Spooner Creek | 34° 44' | 76° 48' | +2 20 | +2 44 | *0.41 | *0.50 | 1.2 | 1.4 | 0.7 |
| 2399 | Bogue Inlet | 34° 39' | 77° 06' | +0 13 | +0 15 | *0.73 | *0.83 | 2.2 | 2.6 | 1.2 |
| 2401 | New River Inlet | 34° 32' | 77° 20' | +0 16 | +0 17 | *0.98 | *0.83 | 3.0 | 3.6 | 1.6 |
| 2403 | Ocean City Beach (fishing pier) | 34° 27.1' | 77° 29.7' | +0 03 | −0 01 | *1.40 | *1.33 | 4.20 | 5.04 | 2.25 |
| 2405 | New Topsail Inlet | 34° 22' | 77° 38' | +0 20 | +1 00 | *0.98 | *0.83 | 3.0 | 3.5 | 1.6 |
| 2407 | Masonboro Inlet | 34° 11' | 77° 49' | +0 23 | +0 22 | *1.24 | *1.17 | 3.8 | 4.5 | 2.0 |
| 2409 | Wilmington Beach | 34° 01.9' | 77° 53.6' | +0 18 | +0 10 | *1.40 | *1.25 | 4.21 | 5.05 | 2.26 |
| 2411 | Cape Fear | 33° 51' | 77° 58' | +0 04 | +0 07 | *1.47 | *1.33 | 4.5 | 5.1 | 2.3 |
| | | | | | **on Wilmington, p.136** | | | | | |
| | *Cape Fear River* | | | | | | | | | |
| 2413 | Bald Head | 33° 52.8' | 78° 00.1' | −2 06 | −2 43 | *1.05 | *1.13 | 4.49 | 4.89 | 2.41 |
| 2415 | Fort Caswell | 33° 54' | 78° 01' | −2 02 | −2 45 | *1.03 | *1.25 | 4.2 | 4.8 | 2.3 |
| 2417 | Southport | 33° 54.9' | 78° 01.1' | −1 49 | −2 22 | *0.99 | *1.00 | 4.24 | 4.62 | 2.28 |
| 2419 | Zekes Island | 33° 57.0' | 77° 57.1' | −1 12 | −1 43 | *0.96 | *1.07 | 4.09 | 4.46 | 2.20 |
| 2421 | Federal Point | 33° 57.7' | 77° 56.4' | −1 17 | −1 52 | *0.94 | *0.93 | 4.04 | 4.40 | 2.16 |
| 2423 | Sunny Point Army Base, Wharf no.1 | 33° 59.4' | 77° 57.4' | −1 03 | −1 45 | *0.95 | *0.93 | 4.06 | 4.43 | 2.17 |
| 2425 | Reaves Point | 34° 00.2' | 77° 57.3' | −0 54 | −1 18 | *0.96 | *1.07 | 4.09 | 4.46 | 2.21 |
| 2427 | Sunny Point Army Base, Wharf no.3 | 34° 01.4' | 77° 56.8' | −0 57 | −1 15 | *0.97 | *1.07 | 4.15 | 4.52 | 2.24 |
| 2429 | Orton Point | 34° 03.4' | 77° 56.4' | −0 36 | −0 58 | *0.98 | *1.00 | 4.17 | 4.55 | 2.24 |
| 2431 | WILMINGTON | 34° 13.6' | 77° 57.2' | | *Daily predictions* | | | 4.28 | 4.70 | 2.29 |
| 2433 | Castle Hayne, Northeast River | 34° 21' | 77° 56' | +2 44 | +2 54 | *0.42 | *0.42 | 1.7 | 1.9 | 0.9 |
| 2435 | Bannermans Branch, Northeast River | 34° 35' | 77° 46' | +5 58 | +6 08 | *0.32 | *0.31 | 1.3 | 1.4 | 0.6 |
| | | | | | **on Myrtle Beach, p.140** | | | | | |
| 2437 | Yaupon Beach | 33° 54.1' | 78° 04.9' | −0 05 | −0 05 | *0.94 | *0.84 | 4.72 | 5.57 | 2.53 |
| 2439 | Lockwoods Folly Inlet | 33° 55' | 78° 14' | +0 04 | +0 15 | *0.84 | *1.00 | 4.2 | 4.8 | 2.3 |
| 2441 | Shallotte Inlet (Bowen Point) | 33° 55' | 78° 22' | +0 43 | +0 55 | *0.91 | *1.00 | 4.6 | 5.4 | 2.5 |
| 2443 | Tubbs Inlet | 33° 53' | 78° 29' | +0 14 | +0 15 | *0.89 | *1.00 | 4.5 | 5.1 | 2.4 |
| 2445 | Sunset Beach Pier | 33° 51.9' | 78° 30.4' | +0 02 | −0 03 | *0.97 | *1.11 | 4.82 | 5.78 | 2.62 |
| 2447 | Sunset Beach Bridge | 33° 52.9' | 78° 30.6' | +0 34 | +0 56 | *0.94 | *0.84 | 4.72 | 5.57 | 2.52 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | SOUTH CAROLINA, outer coast<br>Time meridian, 75° W | | | | **on Myrtle Beach, p.140** | | | | | |
| 2449 | Dunn Sound, Little River Inlet | 33° 51.5' | 78° 34.2' | +0 15 | +0 41 | *0.91 | *0.80 | 4.64 | 5.52 | 2.48 |
| 2451 | Dunn Sound, north end | 33° 51.6' | 78° 34.8' | +0 25 | +0 40 | *0.93 | *0.84 | 4.67 | 5.51 | 2.50 |
| 2453 | Dunn Sound, west end | 33° 51.1' | 78° 35.3' | +0 29 | +0 36 | *0.96 | *1.00 | 4.85 | 5.58 | 2.63 |
| 2455 | Little River Neck, north end | 33° 52.2' | 78° 34.4' | +0 32 | +0 46 | *0.92 | *0.84 | 4.63 | 5.56 | 2.47 |
| 2457 | Cherry Grove (inside) | 33° 50.1' | 78° 38.0' | +0 40 | +0 44 | *0.92 | *0.74 | 4.67 | 5.51 | 2.47 |
| 2459 | Hog Inlet Pier | 33° 50.2' | 78° 36.4' | −0 06 | −0 07 | *0.99 | *0.90 | 5.0 | 5.7 | 2.7 |
| 2461 | MYRTLE BEACH, SPRINGMAID PIER | 33° 39.3' | 78° 55.1' | | *Daily predictions* | | | 5.02 | 6.00 | 2.70 |
| 2463 | Garden City Pier (ocean) | 33° 34.5' | 78° 59.8' | +0 00 | +0 00 | *1.00 | *1.00 | 5.07 | 5.88 | 2.74 |
| | *Murrells Inlet* | | | | | | | | | |
| 2465 | Garden City Bridge, Main Creek | 33° 34.7' | 79° 00.2' | +1 19 | +2 09 | *0.84 | *0.68 | 4.26 | 5.03 | 2.25 |
| 2467 | Divine's Dock | 33° 32.5' | 79° 01.7' | +0 40 | +1 18 | *0.84 | *0.84 | 4.22 | 5.06 | 2.27 |
| 2469 | Smith's Dock | 33° 32.7' | 79° 02.7' | +1 01 | +1 36 | *0.86 | *0.95 | 4.29 | 5.06 | 2.32 |
| 2471 | Captain Alex's Marina, Parsonage Creek | 33° 33.1' | 79° 02.2' | +0 57 | +1 28 | *0.85 | *0.68 | 4.30 | 5.16 | 2.28 |
| 2473 | Oaks Creek, 0.5 mi. above entrance | 33° 31.8' | 79° 02.6' | +0 38 | +1 03 | *0.85 | *0.95 | 4.27 | 5.12 | 2.32 |
| 2475 | Allston Creek | 33° 31.9' | 79° 03.2' | +0 52 | +1 32 | *0.84 | *0.95 | 4.24 | 4.92 | 2.31 |
| 2477 | Oaks Creek, upper end | 33° 30.7' | 79° 04.1' | +1 10 | +1 43 | *0.87 | *1.05 | 4.35 | 5.22 | 2.37 |
| 2479 | Litchfield Beach bridge | 33° 28.3' | 79° 06.1' | +1 10 | +3 02 | *0.58 | *0.75 | 2.89 | 3.35 | 1.59 |
| 2481 | Midway Inlet North, Pawleys Island | 33° 26.9' | 79° 06.7' | +0 16 | +0 42 | *0.87 | *1.00 | 4.40 | 5.10 | 2.40 |
| 2483 | Bennet's Dock, Pawleys Island Creek | 33° 26.1' | 79° 07.6' | +0 55 | +1 35 | *0.78 | *1.21 | 3.84 | 4.61 | 2.15 |
| 2485 | Pawleys Island Pier (ocean) | 33° 25.9' | 79° 07.0' | +0 06 | +0 06 | *0.98 | *0.95 | 4.92 | 5.81 | 2.65 |
| 2487 | Ward's Dock, Pawleys Inlet | 33° 24.7' | 79° 08.1' | +0 35 | +2 07 | *0.67 | *0.95 | 3.32 | 3.98 | 1.84 |
| 2489 | Clambank Creek, Goat Island, North Inlet | 33° 20.0' | 79° 11.6' | +1 01 | +0 36 | *0.94 | *1.00 | 4.69 | 5.53 | 2.54 |
| | Intercoastal Waterway<br>Little River Inlet to Winyah Bay | | | | **on Charleston, p.144** | | | | | |
| 2491 | Little River (town) | 33° 52.2' | 78° 36.5' | +0 13 | +0 39 | *0.84 | *0.79 | 4.41 | 5.07 | 2.35 |
| 2493 | Nixon Crossroads | 33° 51.3' | 78° 38.9' | +0 27 | +0 51 | *0.78 | *0.68 | 4.10 | 4.55 | 2.18 |
| 2495 | Myrtle Beach Airport | 33° 49.2' | 78° 43.1' | +1 09 | +1 47 | *0.56 | *0.84 | 2.88 | 3.34 | 1.60 |
| 2497 | North Myrtle Beach | 33° 46.0' | 78° 48.9' | +2 15 | +3 12 | *0.36 | *0.84 | 1.78 | 2.10 | 1.25 |
| 2499 | Myrtle Beach, Combination Bridge | 33° 42.8' | 78° 55.3' | +2 56 | +4 18 | *0.35 | *0.89 | 1.71 | 2.02 | 1.03 |
| 2501 | Socastee Bridge | 33° 41.2' | 79° 00.3' | +3 27 | +4 41 | *0.41 | *0.74 | 2.08 | 2.45 | 1.18 |
| | Winyah Bay | | | | | | | | | |
| 2503 | Winyah Bay Entrance (South Jetty) | 33° 11' | 79° 09' | −0 21 | −0 24 | *0.87 | *0.89 | 4.6 | 5.4 | 2.5 |
| 2505 | Georgetown Lighthouse | 33° 13.4' | 79° 11.1' | +0 26 | +0 25 | *0.75 | *1.05 | 3.89 | 4.51 | 2.15 |
| 2507 | South Island Plantation (C.G. Station) | 33° 14.1' | 79° 12.2' | +0 35 | +0 36 | *0.74 | *0.84 | 3.81 | 4.38 | 2.07 |
| 2509 | South Island Ferry, Intracoastal Waterway | 33° 15.1' | 79° 16.1' | +0 54 | +1 25 | *0.71 | *0.74 | 3.69 | 4.24 | 1.99 |
| 2511 | Frazier Point | 33° 19' | 79° 17' | +1 26 | +2 07 | *0.66 | *0.68 | 3.5 | 4.1 | 1.8 |
| | *Sampit River* | | | | | | | | | |
| 2513 | Georgetown | 33° 21.7' | 79° 16.8' | +1 25 | +2 09 | *0.71 | *0.79 | 3.72 | 4.32 | 2.01 |
| 2515 | Jacobs Wharf | 33° 21.8' | 79° 21.3' | +2 15 | +2 22 | *0.73 | *0.74 | 3.84 | 4.45 | 2.06 |
| 2517 | Cumberland | 33° 22.2' | 79° 26.0' | +2 42 | +2 29 | *0.77 | *0.74 | 4.02 | 4.74 | 2.15 |
| | *Great Pee Dee River* | | | | | | | | | |
| 2519 | Windsor Plantation, Black River | 33° 24.9' | 79° 15.0' | +2 00 | +2 45 | *0.66 | *0.74 | 3.45 | 3.97 | 1.86 |
| 2521 | Black River (south of Dunbar) | 33° 30.7' | 79° 20.5' | +3 29 | +4 09 | *0.47 | *0.89 | 2.42 | 2.81 | 1.38 |
| 2523 | Winea Plantation, Black River | 33° 32.1' | 79° 23.3' | +4 23 | +4 39 | *0.47 | *0.84 | 2.37 | 2.73 | 1.34 |
| 2525 | Mt. Pleasant Plantation, Black River | 33° 29.7' | 79° 27.7' | +5 38 | +6 04 | *0.37 | *1.05 | 1.82 | 2.11 | 1.11 |
| 2527 | Rhems, Black Mingo Creek, Black River | 33° 36.2' | 79° 25.6' | +6 00 | +6 13 | *0.36 | *1.05 | 1.75 | 2.03 | 1.08 |
| 2529 | Weymouth Plantation | 33° 27.3' | 79° 12.3' | +2 16 | +3 02 | *0.68 | *0.89 | 3.56 | 4.13 | 1.95 |
| 2531 | Carr Creek, 1 mile above entrance | 33° 27.9' | 79° 11.2' | +2 13 | +3 00 | *0.69 | *0.84 | 3.62 | 4.20 | 1.97 |
| 2533 | South of Sam Worth Game Management Area | 33° 28.1' | 79° 11.3' | +2 21 | +3 06 | *0.69 | *0.68 | 3.66 | 4.25 | 1.96 |
| 2535 | Arundel Plantation | 33° 29.0' | 79° 10.7' | +2 38 | +3 39 | *0.53 | *0.79 | 2.75 | 3.19 | 1.53 |
| 2537 | Holly Grove Plantation | 33° 33.1' | 79° 10.6' | +3 20 | +4 12 | *0.50 | *0.68 | 2.59 | 3.00 | 1.43 |
| 2539 | Lower Topsaw Landing | 33° 36.5' | 79° 09.1' | +4 48 | +5 20 | *0.20 | *0.53 | 0.96 | 1.13 | 0.58 |
| 2541 | Yauhannah Bridge | 33° 39.6' | 79° 09.3' | +4 33 | +5 24 | *0.33 | *0.68 | 1.66 | 1.91 | 0.96 |
| | *Waccamaw River* | | | | | | | | | |
| 2543 | Entrance | 33° 22.0' | 79° 15.3' | +1 19 | +2 11 | *0.69 | *0.58 | 3.60 | 4.14 | 1.91 |
| 2545 | Hagley Landing | 33° 26.1' | 79° 10.9' | +1 58 | +2 53 | *0.67 | *0.79 | 3.47 | 3.99 | 1.88 |
| 2547 | Thoroughfare Creek entrance | 33° 30.4' | 79° 08.8' | +2 32 | +3 15 | *0.64 | *0.89 | 3.34 | 3.94 | 1.84 |
| 2549 | Wachesaw Landing | 33° 33.6' | 79° 05.1' | +3 11 | +4 00 | *0.53 | *0.84 | 2.74 | 3.18 | 1.53 |
| 2551 | Bull Creek entrance | 33° 35.8' | 79° 05.9' | +3 36 | +4 22 | *0.48 | *0.79 | 2.46 | 2.85 | 1.38 |
| 2553 | Little Bull Creek entrance, Bull Creek | 33° 36.1' | 79° 07.1' | +3 59 | +4 43 | *0.46 | *0.84 | 2.35 | 2.73 | 1.33 |
| 2555 | Bucksport | 33° 38.8' | 79° 05.7' | +4 23 | +4 53 | *0.43 | *0.89 | 2.16 | 2.48 | 1.25 |
| 2557 | Enterprise Landing | 33° 40' | 79° 04' | +5 01 | +5 35 | *0.38 | *0.37 | 2.0 | 2.4 | 1.1 |
| 2559 | Keysfield | 33° 44.7' | 79° 03.9' | +6 09 | +6 20 | *0.28 | *0.89 | 1.37 | 1.59 | 0.85 |
| 2561 | Pitch Landing | 33° 48.0' | 79° 03.3' | +7 25 | +7 30 | *0.20 | *0.74 | 0.94 | 1.09 | 0.61 |
| 2563 | Conway, RR. bridge | 33° 50.1' | 79° 02.5' | +7 19 | +7 28 | *0.25 | *0.74 | 1.24 | 1.44 | 0.76 |
| 2565 | Grahamville | 33° 49.8' | 78° 57.2' | +8 17 | +8 32 | *0.20 | *0.58 | 0.97 | 1.13 | 0.60 |
| 2567 | North Santee River Inlet | 33° 08' | 79° 15' | −0 09 | +0 04 | *0.85 | *0.84 | 4.5 | 5.3 | 2.3 |
| 2569 | Cedar Island, North Santee Bay | 33° 08.4' | 79° 14.7' | −0 03 | +0 17 | *0.80 | *0.95 | 4.19 | 4.86 | 2.28 |
| 2571 | Minim Creek ent., ICWW, North Santee Bay | 33° 11.7' | 79° 16.5' | +0 16 | +1 00 | *0.77 | *0.95 | 3.98 | 4.70 | 2.18 |
| 2573 | North Santee Bridge | 33° 12.6' | 79° 23.1' | +1 09 | +1 54 | *0.72 | *0.74 | 3.8 | 4.2 | 2.0 |
| 2575 | Cedar Island Point, South Santee River | 33° 07.2' | 79° 16.2' | −0 16 | +0 08 | *0.78 | *0.79 | 4.1 | 4.8 | 2.1 |
| 2577 | Brown Island, South Santee River | 33° 09' | 79° 20' | +0 27 | +1 31 | *0.78 | *0.79 | 4.1 | 4.8 | 2.1 |
| 2579 | U.S. Highway 17 bridge, South Santee River | 33° 11.1' | 79° 24.4' | +0 43 | +1 43 | *0.78 | *0.95 | 4.07 | 4.68 | 2.20 |
| 2581 | Pleasant Hill Landing, Santee River | 33° 14.7' | 79° 31.3' | +2 28 | +3 47 | *0.45 | *0.74 | 2.30 | 2.71 | 1.29 |
| 2583 | Jamestown Bridge, Santee River | 33° 18.3' | 79° 40.7' | +4 15 | +6 30 | *0.22 | *0.37 | 1.12 | 1.29 | 0.63 |
| 2585 | Cape Romain | 33° 01' | 79° 21' | −0 22 | −0 17 | *0.89 | *0.89 | 4.7 | 5.5 | 2.5 |
| 2587 | Cape Romain, 46 miles east of | 33° 06' | 78° 26' | −1 05 | −1 13 | *0.78 | *0.79 | 4.1 | 4.8 | 2.1 |
| 2589 | Casino Creek, ICWW | 33° 06.5' | 79° 23.6' | +0 40 | +0 53 | *0.87 | *0.79 | 4.55 | 5.37 | 2.42 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | SOUTH CAROLINA<br>Winyah Bay–cont.<br>Time meridian, 75° W | | | | | on Charleston, p.144 | | | | |
| | *Bulls Bay* | | | | | | | | | |
| 2591 | Five Fathom Creek entrance | 33° 00' | 79° 30' | −0 06 | −0 07 | *0.93 | *0.95 | 4.9 | 5.8 | 2.6 |
| 2593 | McClellanville, Jeremy Creek | 33° 04.7' | 79° 27.6' | +0 31 | +0 24 | *0.93 | *0.89 | 4.86 | 5.59 | 2.60 |
| 2595 | Harbor River entrance | 33° 02.0' | 79° 32.1' | +0 03 | +0 36 | *0.93 | *0.95 | 4.9 | 5.8 | 2.6 |
| 2597 | Buck Hall, Awendaw Creek | 33° 02.4' | 79° 33.6' | +0 22 | +0 37 | *0.95 | *1.00 | 4.97 | 5.77 | 2.67 |
| 2599 | Jack Creek entrance | 32° 56' | 79° 35' | −0 14 | −0 15 | *0.95 | *0.95 | 5.0 | 5.9 | 2.7 |
| 2601 | Wharf Creek entrance | 32° 55' | 79° 37' | +0 12 | −0 08 | *0.97 | *0.95 | 5.1 | 6.0 | 2.7 |
| 2603 | Moores Landing, ICWW, Sewee Bay | 32° 56.2' | 79° 39.3' | +0 11 | +0 08 | *0.96 | *1.00 | 5.04 | 5.85 | 2.71 |
| 2605 | Price Creek, North Capers Island | 32° 52.9' | 79° 39.5' | −0 01 | −0 21 | *0.92 | *0.89 | 4.80 | 5.52 | 2.57 |
| 2607 | Old Capers Landing, Santee Pass, Capers Island | 32° 52.2' | 79° 41.2' | +0 21 | −0 09 | *0.94 | *0.84 | 4.93 | 5.67 | 2.62 |
| 2609 | North Dewees Island, Capers Inlet | 32° 51.0' | 79° 42.2' | −0 02 | −0 11 | *0.91 | *0.95 | 4.76 | 5.62 | 2.56 |
| 2611 | Capers Creek, South Capers Island | 32° 51.4' | 79° 42.4' | +0 04 | −0 15 | *0.94 | *0.95 | 4.89 | 5.62 | 2.63 |
| 2613 | South Dewees Island, Dewees Inlet | 32° 50.0' | 79° 43.6' | −0 01 | −0 17 | *0.94 | *0.89 | 4.93 | 5.67 | 2.63 |
| 2615 | Hamlin Sound | 32° 49.6' | 79° 47.2' | +0 13 | −0 13 | *0.99 | *1.00 | 5.19 | 5.97 | 2.78 |
| 2617 | Isle of Palms Pier | 32° 47.0' | 79° 47.1' | −0 25 | −0 28 | *0.95 | *0.89 | 4.94 | 5.68 | 2.65 |
| 2619 | Hamlin Creek, Isle of Palms | 32° 47.2' | 79° 47.5' | +0 06 | −0 12 | *0.97 | *1.00 | 5.04 | 5.80 | 2.71 |
| 2621 | Breach Inlet, Isle of Palms | 32° 46.6' | 79° 48.7' | −0 05 | −0 14 | *0.95 | *1.05 | 4.94 | 5.68 | 2.66 |
| 2623 | Sullivans Island (outer coast) | 32° 46' | 79° 50' | −0 08 | −0 12 | *0.99 | *1.00 | 5.2 | 6.1 | 2.8 |
| 2625 | Ben Sawyer Bridge, ICWW | 32° 46.4' | 79° 50.5' | +0 06 | −0 12 | *0.97 | *1.00 | 5.05 | 5.81 | 2.71 |
| | Charleston Harbor | | | | | | | | | |
| 2627 | Fort Sumter | 32° 45.2' | 79° 52.6' | +0 02 | −0 01 | *0.97 | *0.95 | 5.09 | 5.90 | 2.72 |
| 2629 | The Cove, Fort Moultrie | 32° 45.8' | 79° 51.4' | −0 01 | −0 10 | *0.97 | *0.95 | 5.08 | 5.84 | 2.72 |
| 2631 | Fort Johnson | 32° 45.1' | 79° 53.9' | −0 05 | −0 02 | *0.97 | *1.00 | 5.09 | 5.90 | 2.74 |
| 2633 | Shem Creek | 32° 47.6' | 79° 52.9' | −0 02 | −0 03 | *0.99 | *1.00 | 5.20 | 6.03 | 2.79 |
| 2635 | CHARLESTON (Customhouse Wharf) | 32° 46.9' | 79° 55.5' | | *Daily predictions* | | | 5.22 | 6.15 | 2.80 |
| 2637 | Shipyard Creek, 0.8 mile above entrance. | 32° 50' | 79° 57' | +0 34 | +0 20 | *1.01 | *1.00 | 5.3 | 6.1 | 2.8 |
| | *Cooper River* | | | | | | | | | |
| 2639 | Clouter Creek, south entrance | 32° 51.6' | 79° 56.3' | +0 25 | +0 19 | *1.02 | *1.00 | 5.35 | 6.31 | 2.87 |
| 2641 | Goose Creek entrance | 32° 54.6' | 79° 57.1' | +0 42 | +0 33 | *1.04 | *1.00 | 5.41 | 6.22 | 2.90 |
| 2643 | Yeamans Hall, Goose Creek | 32° 55.5' | 79° 59.2' | +2 06 | +1 31 | *1.00 | *1.37 | 5.14 | 6.07 | 2.84 |
| 2645 | Hanahan, Turkey Creek, Goose Creek | 32° 55.1' | 80° 00.7' | +2 51 | +2 13 | *0.90 | *0.79 | 4.70 | 5.55 | 2.50 |
| 2647 | Clouter Creek, north entrance | 32° 54.4' | 79° 56.1' | +0 45 | +0 33 | *1.04 | *1.00 | 5.43 | 6.41 | 2.91 |
| 2649 | Snow Point, 0.4 mi. North of | 32° 56.9' | 79° 55.9' | +0 59 | +0 45 | *1.02 | *1.05 | 5.31 | 6.10 | 2.86 |
| 2651 | General Dynamics Pier | 33° 00.5' | 79° 55.4' | +1 40 | +1 24 | *0.84 | *1.11 | 4.35 | 5.03 | 2.39 |
| 2653 | Dupont, Dean Hall | 33° 03.5' | 79° 56.2' | +2 21 | +2 07 | *0.68 | *1.58 | 3.43 | 3.98 | 2.01 |
| 2655 | Bonneau Ferry, East Branch | 33° 04.3' | 79° 53.0' | +3 14 | +2 49 | *0.63 | *1.79 | 3.11 | 3.61 | 1.90 |
| 2657 | Blessing Plantation, East Branch | 33° 03.3' | 79° 52.8' | +3 24 | +3 20 | *0.56 | *1.32 | 2.79 | 3.29 | 1.64 |
| 2659 | Richmond Plantation, East Branch | 33° 04.6' | 79° 51.3' | +3 43 | +3 43 | *0.54 | *1.37 | 2.67 | 3.07 | 1.59 |
| 2661 | Quinby Creek bridge, East Branch | 33° 05.7' | 79° 48.5' | +4 37 | +4 12 | *0.56 | *1.42 | 2.75 | 3.25 | 1.65 |
| 2663 | Huger Landing, East Branch | 33° 07.8' | 79° 48.7' | +4 46 | – – – | – – – | – – – | – – | – – | – – |
| 2665 | Old Rice Mill, West Branch | 33° 04.7' | 79° 55.5' | +2 56 | +2 51 | *0.53 | *1.63 | 2.60 | 3.02 | 1.61 |
| 2667 | Back River Reservoir, West Branch | 32° 59.7' | 79° 56.2' | +5 44 | +5 57 | *0.17 | *0.79 | 0.78 | 0.90 | 0.54 |
| 2669 | Pimlico, West Branch | 33° 05.7' | 79° 57.2' | +3 19 | +3 53 | *0.34 | *0.89 | 1.69 | 1.94 | 1.01 |
| | *Wando River* | | | | | | | | | |
| 2671 | Hobcaw Point | 32° 49.3' | 79° 54.0' | +0 19 | +0 13 | *1.03 | *0.95 | 5.39 | 6.20 | 2.88 |
| 2673 | Parker Island, Horlbeck Creek | 32° 53.1' | 79° 50.7' | +0 43 | +0 27 | *1.09 | *1.11 | 5.70 | 6.73 | 3.06 |
| 2675 | Nowell Creek | 32° 54.0' | 79° 54.0' | +0 47 | +0 23 | *1.13 | *1.05 | 5.91 | 6.80 | 3.16 |
| 2677 | Cainhoy | 32° 55.6' | 79° 49.8' | +0 49 | +0 31 | *1.15 | *1.00 | 6.02 | 6.92 | 3.20 |
| 2679 | Big Paradise Island | 32° 54.9' | 79° 44.8' | +1 24 | +0 52 | *1.24 | *1.11 | 6.48 | 7.45 | 3.45 |
| 2681 | Woodville | 32° 55.2' | 79° 44.0' | +2 07 | +1 22 | *1.19 | *1.19 | 6.3 | 7.3 | 3.4 |
| | *Ashley River* | | | | | | | | | |
| 2683 | James Island Creek, 1 mi. above ent. | 32° 44.7' | 79° 56.9' | +0 17 | +0 07 | *1.02 | *1.05 | 5.36 | 6.22 | 2.88 |
| 2685 | Wappoo Creek, highway bridge | 32° 46.0' | 79° 58.4' | +0 22 | +0 22 | *0.99 | *0.99 | 5.2 | 6.0 | 2.8 |
| 2687 | South Ashley Bridge | 32° 47.0' | 79° 57.4' | +0 04 | +0 07 | *1.01 | *1.05 | 5.34 | 6.19 | 2.87 |
| 2689 | Duck Island | 32° 49.8' | 79° 58.0' | +0 23 | +0 17 | *1.06 | *1.06 | 5.6 | 6.5 | 3.0 |
| 2691 | Cosgrove Bridge | 32° 50.1' | 79° 59.2' | +0 25 | +0 17 | *1.07 | *1.05 | 5.57 | 6.57 | 2.99 |
| 2693 | I–526 bridge | 32° 50.2' | 80° 01.3' | +0 30 | +0 29 | *1.08 | *1.11 | 5.68 | 6.53 | 3.05 |
| 2695 | Drayton, Bee's Ferry | 32° 50.9' | 80° 03.1' | +0 41 | +0 39 | *1.09 | *1.05 | 5.69 | 6.54 | 3.05 |
| 2697 | Magnolia Gardens | 32° 52.6' | 80° 04.9' | +1 02 | +0 54 | *1.10 | *1.05 | 5.79 | 6.72 | 3.10 |
| 2699 | Greggs Landing, Matceba Gardens | 32° 55.7' | 80° 09.3' | +2 06 | +1 42 | *1.15 | *1.16 | 6.06 | 7.03 | 3.25 |
| 2701 | Bacon Bridge | 32° 57.5' | 80° 12.2' | +2 45 | +3 41 | *0.39 | *0.16 | 2.10 | 2.48 | 1.08 |
| | SOUTH CAROLINA, outer coast–cont. | | | | | | | | | |
| 2703 | Secessionville, Secessionville Creek | 32° 42.4' | 79° 56.2' | +0 22 | – – – | – – – | – – – | – – | – – | – – |
| 2705 | Folly Island (outer coast) | 32° 39' | 79° 56' | −0 08 | −0 14 | *0.98 | *1.00 | 5.2 | 6.1 | 2.8 |
| 2707 | Folly River Bridge, Flooy Island | 32° 39.7' | 79° 56.7' | +0 21 | −0 03 | *1.01 | *0.95 | 5.27 | 6.06 | 2.22 |
| 2709 | Folly Creek, Hwy. 171 bridge | 32° 40.5' | 79° 57.1' | +0 25 | −0 06 | *1.04 | *1.00 | 5.41 | 6.22 | 2.89 |
| 2711 | Folly River, north, Folly Island | 32° 40.2' | 79° 55.0' | +0 24 | −0 05 | *1.03 | *0.95 | 5.38 | 6.19 | 2.87 |
| | *Stono River* | | | | | | | | | |
| 2713 | Snake Island | 32° 38.4' | 80° 00.9' | +0 01 | −0 12 | *1.01 | *1.00 | 5.27 | 6.06 | 2.83 |
| 2715 | Abbapoola Creek entrance | 32° 40.6' | 80° 00.4' | +0 17 | +0 02 | *1.01 | *0.95 | 5.36 | 6.22 | 2.86 |
| 2717 | Elliott Cut entrance | 32° 45.8' | 80° 00.1' | +0 48 | +0 52 | *0.99 | *1.16 | 5.14 | 5.91 | 2.79 |
| 2719 | Pennys Creek, west entrance | 32° 46.1' | 80° 04.2' | +1 23 | +1 20 | *1.03 | *1.32 | 5.32 | 6.12 | 2.91 |
| 2721 | Sandblasters, Pennys Creek | 32° 46.2' | 80° 03.8' | +1 30 | +1 18 | *1.02 | *1.02 | 5.26 | 6.21 | 2.91 |
| 2723 | Limehouse Bridge | 32° 47.2' | 80° 06.3' | +1 43 | +1 34 | *1.08 | *1.08 | 5.58 | 6.58 | 3.04 |
| 2725 | Church Flats | 32° 44.8' | 80° 09.9' | +1 51 | +1 14 | *1.22 | *1.16 | 6.37 | 7.33 | 3.41 |
| 2727 | Kiawah River Bridge | 32° 36.2' | 80° 07.9' | +0 14 | +0 06 | *1.07 | *0.89 | 5.60 | 6.44 | 2.97 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | SOUTH CAROLINA, outer coast–cont. Time meridian, 75° W | | | | on Charleston, p.144 | | | | | |
| | *North Edisto River* | | | | | | | | | |
| 2729 | Ocella Creek, 2 mi. above entrance | 32° 33.7' | 80° 14.3' | +0 32 | +0 09 | *1.08 | *1.08 | 5.7 | 6.6 | 3.0 |
| 2731 | Rockville, Bohicket Creek | 32° 35.9' | 80° 11.7' | +0 19 | +0 07 | *1.09 | *1.11 | 5.76 | 6.68 | 3.09 |
| 2733 | Ho–Non–Wah Boy Scout Camp, Bohicket Creek | 32° 37.5' | 80° 10.0' | +0 49 | +0 30 | *1.13 | *1.11 | 5.93 | 6.82 | 3.17 |
| 2735 | Oak Branch, Bohicket Creek | 32° 41.0' | 80° 05.8' | +1 39 | +0 57 | *1.26 | *1.16 | 6.66 | 7.73 | 3.55 |
| 2737 | Point of Pines | 32° 35.1' | 80° 13.7' | +0 15 | +0 11 | *1.08 | *1.05 | 5.66 | 6.51 | 3.04 |
| 2739 | Leadenwah Creek, 3 mi. above entrance | 32° 38.2' | 80° 12.1' | +0 54 | +0 23 | *1.15 | *1.11 | 5.99 | 6.89 | 3.21 |
| 2741 | Steamboat Landing, Steamboat Creek | 32° 36.2' | 80° 17.2' | +0 45 | +0 25 | *1.15 | *1.11 | 6.02 | 6.92 | 3.22 |
| 2743 | Windsor Plantation, Russel Creek | 32° 35.9' | 80° 20.7' | +1 16 | +0 35 | *1.21 | *1.11 | 6.40 | 7.42 | 3.41 |
| 2745 | Dawho Bridge, Dawho River | 32° 38.2' | 80° 20.5' | +0 56 | +0 47 | *1.18 | *1.11 | 6.17 | 7.10 | 3.29 |
| 2747 | Park Island, Tom Point Creek | 32° 39.9' | 80° 19.0' | +1 19 | +0 34 | *1.21 | *1.21 | 6.40 | 7.42 | 3.43 |
| 2749 | Toogoodoo Creek, 2 mi. above entrance | 32° 40.1' | 80° 17.6' | +1 06 | +0 38 | *1.21 | *1.05 | 6.36 | 7.31 | 3.38 |
| 2751 | Lower Toogoodoo Creek, 2 mi. above entrance | 32° 42.2' | 80° 16.7' | +1 26 | +0 47 | *1.29 | *1.26 | 6.73 | 7.94 | 3.61 |
| | *Wadmalaw River* | | | | | | | | | |
| 2753 | Bluff Point | 32° 38.8' | 80° 15.4' | +0 58 | +0 31 | *1.17 | *1.11 | 6.13 | 7.05 | 3.28 |
| 2755 | Yonges Island | 32° 41.7' | 80° 13.4' | +1 22 | +0 45 | *1.24 | *1.16 | 6.50 | 7.48 | 3.47 |
| 2757 | Johns Island, Church Creek | 32° 42.4' | 80° 09.4' | +1 43 | +1 00 | *1.30 | *1.16 | 6.85 | 7.88 | 3.64 |
| 2759 | Church Creek bridge | 32° 42.9' | 80° 05.5' | +1 58 | +0 58 | *1.30 | *1.00 | 6.93 | 8.04 | 3.66 |
| | | | | | on Savannah River Ent., p.148 | | | | | |
| 2761 | Edisto Beach, Edisto Island | 32° 30.1' | 80° 17.8' | −0 21 | −0 29 | *0.84 | *0.95 | 5.75 | 6.61 | 3.08 |
| | *South Edisto River* | | | | | | | | | |
| 2763 | Edisto Marina, Big Bay Creek entrance | 32° 29.6' | 80° 20.4' | −0 06 | −0 13 | *0.86 | *0.91 | 5.96 | 6.85 | 3.18 |
| 2765 | Carters Dock, Big Bay Creek | 32° 29.6' | 80° 19.6' | +0 08 | −0 07 | *0.87 | *0.91 | 5.97 | 6.87 | 3.18 |
| 2767 | Scott Creek, 0.5 mi. above ent., Big Bay Creek | 32° 30.1' | 80° 19.1' | +0 29 | − − − | − − − | − − − | − − | − − | − − |
| 2769 | Peters Point, St. Pierre Creek | 32° 32.4' | 80° 20.4' | +0 22 | +0 09 | *0.88 | *0.95 | 6.09 | 7.00 | 3.25 |
| 2771 | Fenwick Island | 32° 33.6' | 80° 25.1' | +0 15 | +0 25 | *0.90 | *1.09 | 6.19 | 7.12 | 3.32 |
| 2773 | Pine Landing | 32° 36.2' | 80° 23.3' | +0 29 | +0 45 | *0.92 | *0.95 | 6.29 | 7.30 | 3.36 |
| 2775 | Dawho River | 32° 39.4' | 80° 23.5' | +1 07 | +1 31 | *0.89 | *0.95 | 6.15 | 7.07 | 3.29 |
| 2777 | Willtown Bluff, Edisto River | 32° 40.9' | 80° 25.0' | +1 34 | +2 03 | *0.83 | *1.00 | 5.69 | 6.54 | 3.06 |
| 2779 | Hope Creek, Edisto River | 32° 42.0' | 80° 25.6' | +1 46 | +2 13 | *0.82 | *1.05 | 5.62 | 6.46 | 3.04 |
| 2781 | Penny Creek, south of, Edisto River | 32° 42.9' | 80° 26.2' | +2 10 | +2 43 | *0.73 | *1.18 | 4.97 | 5.72 | 2.75 |
| 2783 | Jacksonboro Camp | 32° 45.2' | 80° 27.0' | +2 46 | +3 34 | *0.59 | *0.86 | 4.04 | 4.65 | 2.21 |
| 2785 | Canaday Landing, south of, Edisto River | 32° 48.8' | 80° 24.4' | +4 20 | +5 34 | *0.13 | *0.32 | 0.84 | 0.97 | 0.49 |
| 2787 | Hart Bluff, Edisto River <24> | 32° 55.6' | 80° 23.9' | − − − | − − − | − − − | − − − | − − | − − | − − |
| | St. Helena Sound | | | | | | | | | |
| 2789 | Otter Island | 32° 28.6' | 80° 25.2' | +0 04 | +0 07 | *0.87 | *0.95 | 6.01 | 6.91 | 3.21 |
| 2791 | Johnson Creek Bridge, Hunting Island | 32° 23.5' | 80° 26.3' | +0 03 | +0 03 | *0.85 | *0.86 | 5.88 | 6.76 | 3.13 |
| 2793 | Harbor River Bridge | 32° 24.2' | 80° 27.2' | +0 03 | −0 06 | *0.88 | *0.95 | 6.09 | 7.00 | 3.25 |
| | *Ashepoo River* | | | | | | | | | |
| 2795 | Seabrook | 32° 31.4' | 80° 24.4' | +0 11 | +0 18 | *0.90 | *0.91 | 6.2 | 7.3 | 3.3 |
| 2797 | Ashepoo–Coosaw Cutoff, ICWW | 32° 31.5' | 80° 27.1' | +0 15 | +0 23 | *0.90 | *0.91 | 6.20 | 7.19 | 3.30 |
| 2799 | Musselboro Island, Mosquito Creek | 32° 34.7' | 80° 26.9' | +1 21 | +0 57 | *0.90 | *0.91 | 6.22 | 7.15 | 3.31 |
| 2801 | Hutchinson Island | 32° 33.1' | 80° 28.9' | +0 31 | +0 44 | *0.87 | *0.91 | 6.01 | 6.97 | 3.20 |
| 2803 | Bluff Islands | 32° 34.7' | 80° 29.6' | +0 46 | +1 04 | *0.84 | *0.91 | 5.79 | 6.72 | 3.10 |
| 2805 | Brickyard Ferry, swing bridge | 32° 36.8' | 80° 28.9' | +1 27 | +1 34 | *0.71 | *0.86 | 4.82 | 5.59 | 2.60 |
| 2807 | Airy Hall Plantation | 32° 37.9' | 80° 28.3' | +1 57 | +1 59 | *0.60 | *1.00 | 4.16 | 4.71 | 2.25 |
| 2809 | Ashepoo | 32° 44.6' | 80° 33.4' | +4 18 | +4 00 | *0.34 | *1.05 | 2.18 | 2.53 | 1.32 |
| | *Morgan River* | | | | | | | | | |
| 2811 | Village Creek Entrance | 32° 26.7' | 80° 30.2' | +0 17 | +0 07 | *0.93 | *1.00 | 6.35 | 7.37 | 3.40 |
| 2813 | Village Creek Cemetery | 32° 25.0' | 80° 31.2' | +0 36 | +0 15 | *0.94 | *0.95 | 6.45 | 7.48 | 3.43 |
| 2815 | Edding Point, Edding Creek | 32° 26.8' | 80° 32.0' | +0 31 | +0 14 | *0.93 | *0.95 | 6.41 | 7.37 | 3.42 |
| 2817 | Jenkins Creek, 1 mi. above entrance | 32° 26.4' | 80° 33.2' | +0 41 | +0 17 | *0.98 | *0.95 | 6.80 | 7.82 | 3.61 |
| 2819 | Jenkins Creek, Polawana Island | 32° 25.2' | 80° 34.6' | +0 55 | +0 27 | *1.01 | *1.05 | 6.91 | 8.02 | 3.69 |
| 2821 | Lucy Point Creek entrance | 32° 27.1' | 80° 36.6' | +0 53 | +0 33 | *0.90 | *0.88 | 6.32 | 7.33 | 3.21 |
| | *Combahee River* | | | | | | | | | |
| 2823 | Boulders Island, New Chehaw River | 32° 33.9' | 80° 31.0' | +1 02 | +0 42 | *0.96 | *1.00 | 6.59 | 7.64 | 3.51 |
| 2825 | Wiggins, Chehaw River | 32° 36.1' | 80° 32.5' | +1 45 | +1 20 | *0.88 | *1.18 | 6.03 | 6.93 | 3.28 |
| 2827 | Fields Point | 32° 34.0' | 80° 33.7' | +0 42 | +0 52 | *0.91 | *0.91 | 6.2 | 7.3 | 3.3 |
| 2829 | Railroad Bridge | 32° 35.4' | 80° 37.8' | +1 37 | − − − | − − − | − − − | − − | − − | − − |
| 2831 | U.S. 17 Bridge | 32° 39.1' | 80° 41.0' | +3 00 | +2 29 | *0.71 | *1.14 | 4.83 | 5.55 | 2.66 |
| 2833 | Bluff Plantation | 32° 41.0' | 80° 44.3' | +4 17 | +3 51 | *0.50 | *1.59 | 3.12 | 3.59 | 1.95 |
| 2835 | Cuckolds Creek | 32° 42.8' | 80° 41.7' | +4 45 | +4 12 | *0.51 | *1.73 | 3.26 | 3.81 | 2.01 |
| | *Coosaw River* | | | | | | | | | |
| 2837 | Summerhouse Point, Bull River | 32° 31.6' | 80° 34.4' | +0 55 | +0 37 | *0.96 | *0.95 | 6.58 | 7.63 | 3.50 |
| 2839 | Briars Creek ent., Wimbee Creek, Bull River | 32° 34.7' | 80° 40.2' | +2 06 | +1 24 | *0.93 | *0.95 | 6.39 | 7.35 | 3.41 |
| 2841 | Sams Point, Lucy Point Creek | 32° 29.0' | 80° 35.9' | +0 55 | +0 45 | *0.97 | *0.91 | 6.71 | 7.78 | 3.55 |
| 2843 | Brickyard Point, Brickyard Creek | 32° 29.6' | 80° 41.1' | +1 27 | +1 19 | *1.08 | *0.95 | 7.45 | 8.64 | 3.94 |
| 2845 | Whale Branch entrance | 32° 31.5' | 80° 40.5' | +1 27 | +1 20 | *1.06 | *0.95 | 7.32 | 8.49 | 3.87 |
| 2847 | Lobeco, Whale Branch | 32° 34.4' | 80° 44.7' | +1 40 | +1 28 | *1.11 | *0.95 | 7.75 | 8.91 | 4.08 |
| 2849 | Sheldon, Huspa Creek, Whale Branch | 32° 35.0' | 80° 47.0' | +2 11 | +1 52 | *1.16 | *0.77 | 8.07 | 9.28 | 4.21 |
| 2851 | Fripps Inlet, Hunting Island Bridge | 32° 20.4' | 80° 27.9' | −0 10 | −0 22 | *0.88 | *0.91 | 6.10 | 7.02 | 3.25 |
| | Port Royal Sound | | | | | | | | | |
| 2853 | Capers Island, Trenchards Inlet | 32° 16.4' | 80° 35.1' | −0 01 | −0 18 | *0.93 | *0.95 | 6.37 | 7.39 | 3.39 |
| 2855 | Club Bridge Creek ent., Trenchards Inlet | 32° 20.1' | 80° 32.5' | +0 15 | −0 24 | *0.99 | *1.00 | 6.78 | 7.86 | 3.61 |
| 2857 | Port Royal Plantation, Hilton Head Island | 32° 13.2' | 80° 40.1' | +0 01 | −0 11 | *0.88 | *1.00 | 6.10 | 7.02 | 3.27 |
| 2859 | The Folly, Hilton Head Island | 32° 11.4' | 80° 42.1' | +0 03 | − − − | − − − | − − − | − − | − − | − − |
| 2861 | Station Creek, west end | 32° 16.8' | 80° 38.3' | +0 16 | +0 13 | *0.96 | *0.91 | 6.62 | 7.68 | 3.51 |
| 2863 | Station Creek, County Landing | 32° 19.5' | 80° 36.1' | +0 27 | −0 16 | *0.99 | *1.00 | 6.84 | 7.87 | 3.64 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | SOUTH CAROLINA<br>Port Royal Sound–cont.<br>Time meridian, 75° W | | | **on Savannah River Ent., p.148** | | | | | | |
| | *Beaufort River* | | | | | | | | | |
| 2865 | Fort Fremont | 32° 18.4' | 80° 38.7' | +0 19 | +0 17 | *0.95 | *0.64 | 6.63 | 7.69 | 3.45 |
| 2867 | Parris Island, Marine Corps Recruit Depot | 32° 21.0' | 80° 40.1' | +0 37 | +0 26 | *1.02 | *0.91 | 7.02 | 8.14 | 3.71 |
| 2869 | Distant Island, Cowen Creek | 32° 22.7' | 80° 38.0' | +0 43 | +0 27 | *1.06 | *1.05 | 7.29 | 8.46 | 3.87 |
| 2871 | Distant Island Creek, upper end, Cowen Creek | 32° 24.1' | 80° 39.2' | +1 00 | +1 08 | *0.98 | *0.36 | 6.92 | 7.96 | 3.54 |
| 2873 | Capers Creek, Cowen Creek, St. Helena Island | 32° 22.3' | 80° 36.3' | +0 58 | +0 34 | *1.08 | *0.95 | 7.44 | 8.63 | 3.93 |
| 2875 | Cowen Creek, Rt. 21 bridge | 32° 23.9' | 80° 37.0' | +0 55 | +0 58 | *1.00 | *0.55 | 6.97 | 8.09 | 3.61 |
| 2877 | Battery Creek, 4 mi. above entrance | 32° 24.8' | 80° 42.0' | +1 14 | +0 37 | *1.10 | *0.91 | 7.64 | 8.79 | 4.02 |
| 2879 | Beaufort | 32° 25.8' | 80° 40.5' | +1 09 | +0 51 | *1.07 | *0.95 | 7.39 | 8.17 | 3.90 |
| 2881 | Marine Corps Air Station, Brickyard Creek | 32° 27.9' | 80° 41.5' | +1 27 | +1 11 | *1.10 | *0.95 | 7.62 | 8.84 | 4.02 |
| 2883 | Albergottie Creek, Rt. 21 bridge | 32° 27.0' | 80° 43.9' | +1 48 | +2 02 | *0.98 | *0.45 | 6.83 | 7.92 | 3.52 |
| 2885 | Skull Creek, north entrance, Hilton Head Island | 32° 16.0' | 80° 44.2' | +0 15 | +0 16 | *0.99 | *0.91 | 6.83 | 7.85 | 3.62 |
| 2887 | Skull Creek, south entrance, Hilton Head Island | 32° 13.4' | 80° 46.3' | +0 34 | +0 23 | *1.05 | *1.05 | 7.28 | 8.37 | 3.87 |
| 2889 | Pinckney Island, Mackay Creek, Chechessee River | 32° 15.6' | 80° 46.0' | +0 36 | +0 25 | *1.04 | *0.91 | 7.21 | 8.36 | 3.80 |
| 2891 | Colleton River Entrance | 32° 19.3' | 80° 47.5' | +0 49 | +0 37 | *1.05 | *1.05 | 7.2 | 8.4 | 3.8 |
| 2893 | Callawassie Creek, Colleton River | 32° 19.0' | 80° 50.5' | +1 15 | +0 53 | *1.13 | *1.14 | 7.8 | 9.1 | 4.1 |
| 2895 | Callawassie Island, south, Colleton River | 32° 18.8' | 80° 51.6' | +1 09 | +0 40 | *1.19 | *1.11 | 7.7 | 9.0 | 4.1 |
| 2897 | Callawassie Island Bridge, Colleton River | 32° 20.5' | 80° 51.4' | +1 12 | +0 49 | *1.13 | *1.14 | 7.8 | 9.1 | 4.2 |
| 2899 | Baileys Landing, Okatee River, Colleton River | 32° 20.8' | 80° 53.4' | +1 25 | +0 57 | *1.17 | *1.05 | 8.09 | 9.30 | 4.28 |
| 2901 | Chechessee Bluff, Chechessee River | 32° 22.4' | 80° 50.2' | +1 06 | +0 48 | *1.10 | *1.00 | 7.62 | 8.84 | 4.03 |
| | *Broad River* | | | | | | | | | |
| 2903 | Hwy. 170 bridge | 32° 23.2' | 80° 46.6' | +0 51 | +0 45 | *1.06 | *0.91 | 7.35 | 8.45 | 3.88 |
| 2905 | Broughton Point, Hazzard Creek | 32° 24.6' | 80° 53.1' | +1 34 | +1 30 | *1.10 | *0.82 | 7.61 | 8.83 | 3.99 |
| 2907 | Euhaw Creek, 2.5 mi. above entrance | 32° 26.1' | 80° 51.1' | +1 33 | +1 09 | *1.14 | *0.91 | 7.92 | 9.19 | 4.16 |
| 2909 | Salvesbarg Landing, West Branch Boyds Creek | 32° 28.5' | 80° 51.0' | +1 29 | – – – | – – – | – – – | – – | – – | – – |
| 2911 | Pilot Island, West Branch Boyds Creek | 32° 30.3' | 80° 51.8' | +1 50 | +1 24 | *1.15 | *0.91 | 7.98 | 9.26 | 4.19 |
| 2913 | Corning Landing, Whale Branch | 32° 30.0' | 80° 47.1' | +1 37 | +1 25 | *1.15 | *0.77 | 8.00 | 9.28 | 4.17 |
| 2915 | RR. Bridge, Hall Island | 32° 31.3' | 80° 50.3' | +1 39 | +1 24 | *1.17 | *1.05 | 8.08 | 9.37 | 4.27 |
| 2917 | Pocotaligo River, 4 mi. above entrance | 32° 35.7' | 80° 49.9' | +2 21 | +1 48 | – – – | – – – | – – | – – | – – |
| 2919 | North Dawson Landing, Coosawhatchie River | 32° 33.7' | 80° 54.6' | +2 34 | +2 10 | *1.12 | *1.14 | 7.71 | 8.94 | 4.10 |
| 2921 | Tulifiny River, I–95 bridge | 32° 36.1' | 80° 54.2' | +3 24 | +3 31 | *0.73 | *0.73 | 5.01 | 5.81 | 2.66 |
| | Calibogue Sound | | | | | | | | | |
| 2923 | Braddock Point, Hilton Head Island | 32° 06.8' | 80° 49.8' | +0 05 | –0 02 | *0.98 | *1.00 | 6.74 | 7.82 | 3.59 |
| 2925 | Calibogue Cay, Broad Creek, Hilton Head Island | 32° 09.2' | 80° 47.7' | +0 20 | +0 09 | *1.04 | *1.00 | 7.13 | 8.27 | 3.79 |
| 2927 | Broad Creek, Hilton Head Island | 32° 11.1' | 80° 45.2' | +0 33 | +0 17 | *1.08 | *1.05 | 7.48 | 8.60 | 3.97 |
| 2929 | Haig Point, Daufuskie Island, Cooper River | 32° 08.8' | 80° 50.2' | +0 20 | +0 10 | *1.02 | *1.00 | 7.05 | 8.18 | 3.74 |
| 2931 | Bull Creek, Bull Island South, Cooper River | 32° 09.9' | 80° 51.4' | +0 28 | +0 12 | *1.05 | *1.05 | 7.23 | 8.39 | 3.84 |
| 2933 | Pine Island, Ramshorn Creek, Cooper River | 32° 07.3' | 80° 53.9' | +0 34 | +0 28 | *1.03 | *0.91 | 7.17 | 8.25 | 3.78 |
| 2935 | Savage I., Savage Creek, Bull Creek | 32° 11.1' | 80° 51.6' | +0 46 | +0 19 | *1.10 | *1.00 | 7.56 | 8.77 | 4.00 |
| | *May River* | | | | | | | | | |
| 2937 | Moreland Cemetery | 32° 10.5' | 80° 53.5' | +0 49 | +0 23 | *1.11 | *0.77 | 7.73 | 8.97 | 4.04 |
| 2939 | Bull Island North | 32° 12.0' | 80° 48.9' | +0 40 | +0 25 | *1.09 | *1.05 | 7.52 | 8.72 | 3.99 |
| 2941 | Bluffton | 32° 13.8' | 80° 51.7' | +1 00 | +0 37 | *1.16 | *1.05 | 8.01 | 9.29 | 4.23 |
| 2943 | Rose Dew Creek | 32° 13.2' | 80° 55.2' | +1 19 | – – – | – – – | – – – | – – | – – | – – |
| | *New River* | | | | | | | | | |
| 2945 | Bloody Point, Daufuskie Island | 32° 04.9' | 80° 52.7' | +0 01 | +0 19 | *0.98 | *0.91 | 6.77 | 7.79 | 3.59 |
| 2947 | Hargray Pier, Daufuskie Island | 32° 05.9' | 80° 53.9' | +0 19 | +0 27 | *1.01 | *1.05 | 6.96 | 8.07 | 3.71 |
| 2949 | Daufuskie Landing, Daufuskie Island | 32° 06.2' | 80° 53.7' | +0 30 | +0 33 | *1.01 | *0.95 | 7.02 | 8.07 | 3.72 |
| 2951 | Doughboy Island | 32° 08.3' | 80° 55.9' | +1 04 | +1 06 | *1.01 | *1.05 | 6.96 | 8.07 | 3.71 |
| 2953 | Good Hope Landing, south of | 32° 10.6' | 80° 58.0' | +2 19 | +2 06 | *0.85 | *1.55 | 5.71 | 6.62 | 3.20 |
| 2955 | Cook Landing Cemetery | 32° 11.7' | 81° 00.0' | +3 09 | +3 00 | *0.69 | *1.41 | 4.58 | 5.31 | 2.60 |
| 2957 | Rt. 170 bridge | 32° 14.2' | 81° 00.7' | +4 12 | +3 53 | *0.51 | *0.51 | 3.33 | 3.83 | 2.01 |
| 2959 | Fields Cut, Wright River | 32° 05.2' | 80° 56.0' | +0 16 | +0 29 | *1.02 | *1.05 | 6.98 | 8.10 | 3.72 |
| 2961 | Turnbridge Landing, Salt Water Creek | 32° 07.7' | 81° 00.7' | +1 41 | +0 59 | *1.06 | *1.09 | 7.27 | 8.43 | 3.87 |
| | GEORGIA<br>Savannah River | | | | | | | | | |
| 2963 | Tybee Light | 32° 02' | 80° 51' | –0 10 | –0 12 | *0.99 | *0.99 | 6.8 | 8.0 | 3.6 |
| 2965 | SAVANNAH RIVER ENTRANCE, FORT PULASKI | 32° 02.0' | 80° 54.1' | | *Daily predictions* | | | 6.92 | 8.03 | 3.67 |
| | | | | **on Savannah, p.152** | | | | | | |
| 2967 | Fort Jackson | 32° 05' | 81° 02' | –0 04 | –0 01 | *0.95 | *0.94 | 8.1 | 8.7 | 4.0 |
| 2969 | SAVANNAH | 32° 05' | 81° 05' | | *Daily predictions* | | | 7.9 | 8.8 | 4.2 |
| 2971 | Port Wentworth | 32° 08.6' | 81° 08.5' | +0 11 | –0 02 | *1.03 | *0.84 | 8.14 | 9.12 | 4.28 |
| 2973 | Little Back River, Hwy. 17, Back River, S.C. | 32° 09.9' | 81° 07.8' | +0 55 | +0 58 | *0.97 | *1.00 | 7.63 | 8.55 | 4.06 |
| 2975 | S.C.L. RR. bridge | 32° 14' | 81° 09' | +1 18 | +2 25 | *0.79 | *0.80 | 6.2 | 7.2 | 3.3 |
| 2977 | Purrysburg Landing, S.C. | 32° 18.2' | 81° 07.3' | +2 14 | +3 38 | *0.44 | *0.41 | 3.03 | 3.48 | 1.60 |
| | Tybee Creek and Wassaw Sound | | | **on Savannah River Ent., p.148** | | | | | | |
| 2979 | Tybee Creek entrance | 31° 59' | 80° 51' | –0 09 | +0 05 | *0.99 | *1.00 | 6.8 | 8.0 | 3.6 |
| 2981 | Beach Hammock | 31° 57' | 80° 56' | –0 01 | –0 07 | *1.00 | *1.00 | 6.9 | 8.1 | 3.7 |
| 2983 | Romerly Marsh Creek | 31° 56' | 81° 00' | +0 08 | –0 03 | *1.03 | *1.03 | 7.1 | 8.3 | 3.7 |
| | *Wilmington River* | | | | | | | | | |
| 2985 | Savannah Sheraton Resort Hotel | 32° 00' | 81° 00' | +0 14 | +0 06 | *1.13 | *1.14 | 7.8 | 9.1 | 4.2 |
| 2987 | Thunderbolt | 32° 02' | 81° 03' | +0 32 | +0 12 | *1.15 | *1.14 | 7.9 | 9.2 | 4.2 |
| 2989 | North entrance | 32° 04' | 81° 00' | +0 40 | +0 44 | *1.10 | *1.09 | 7.6 | 8.9 | 4.0 |
| 2991 | Isle of Hope, Skidaway River | 31° 59' | 81° 03' | +0 50 | +0 28 | *1.13 | *1.13 | 7.8 | 9.1 | 4.1 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | GEORGIA<br>Ossabaw Sound<br>Time meridian, 75° W | | | on Savannah River Ent., p.148 | | | | | | |
| 2993 | Egg Islands | 31° 50' | 81° 05' | +0 04 | +0 10 | *1.04 | *1.04 | 7.2 | 8.4 | 3.8 |
| 2995 | Vernon View, Burnside River | 31° 56' | 81° 06' | +0 40 | +0 31 | *1.09 | *1.09 | 7.5 | 8.8 | 4.0 |
| 2997 | Coffee Bluff, Forest River | 31° 56' | 81° 09' | +1 05 | +0 42 | *1.09 | *1.09 | 7.5 | 8.8 | 3.9 |
| 2999 | Fort McAllister, Ogeechee River | 31° 53' | 81° 13' | +0 48 | +1 16 | *1.00 | *1.00 | 6.9 | 8.1 | 3.6 |
| 3001 | Highway bridge, Ogeechee River | 31° 59' | 81° 17' | +3 19 | +4 25 | *0.15 | *0.14 | 1.0 | 1.2 | 0.5 |
| 3003 | Florida Passage, Ogeechee River | 31° 51' | 81° 09' | +0 34 | +0 46 | *1.05 | *0.91 | 7.3 | 8.5 | 3.8 |
| 3005 | Florida Passage, Bear River | 31° 49' | 81° 10' | +0 46 | +0 49 | *1.09 | *0.95 | 7.6 | 8.8 | 4.0 |
| 3007 | Cane Patch Creek entrance | 31° 49' | 81° 09' | +0 55 | +0 43 | *1.05 | *1.05 | 7.2 | 8.4 | 3.8 |
| 3009 | Bradley Point, Bradley River | 31° 49' | 81° 03' | +0 04 | +0 13 | *1.02 | *0.95 | 7.0 | 8.2 | 3.7 |
| | St. Catherines and Sapelo Sounds | | | | | | | | | |
| 3011 | Walburg Creek entrance | 31° 42' | 81° 09' | +0 16 | +0 21 | *1.03 | *1.00 | 7.1 | 8.3 | 3.8 |
| 3013 | Kilkenny Club, Kilkenny Creek | 31° 47' | 81° 12' | +0 48 | +0 37 | *1.09 | *0.91 | 7.5 | 8.8 | 4.0 |
| 3015 | Bear River, (Range "A" Light) | 31° 48' | 81° 11' | +0 43 | +0 39 | *1.09 | *0.95 | 7.6 | 8.8 | 4.0 |
| 3017 | Bear River Entrance | 31° 43' | 81° 08' | +0 10 | +0 17 | *1.03 | *1.09 | 7.0 | 8.2 | 3.8 |
| 3019 | Sunbury, Medway River | 31° 46' | 81° 17' | +0 53 | +0 52 | *1.05 | *0.73 | 7.3 | 8.6 | 3.8 |
| 3021 | Belfast, Belfast River | 31° 49' | 81° 18' | +1 23 | +1 10 | *1.13 | *1.14 | 7.8 | 9.1 | 4.2 |
| 3023 | North Newport River (Daymark 119) | 31° 41' | 81° 12' | +0 35 | +0 31 | *1.05 | *1.00 | 7.2 | 8.4 | 3.8 |
| 3025 | North Newport River | 31° 40' | 81° 16' | +0 56 | +0 36 | *1.10 | *1.09 | 7.6 | 8.9 | 4.0 |
| 3027 | South Newport Cut, N. Newport River | 31° 40' | 81° 16' | +1 01 | +0 54 | *1.08 | *1.04 | 7.5 | 8.7 | 4.0 |
| 3029 | Halfmoon, Timmons River | 31° 41.7' | 81° 16.3' | +1 21 | +1 09 | *1.06 | *1.05 | 7.35 | 8.45 | 3.90 |
| 3031 | Eagle Neck, South Newport River | 31° 39' | 81° 18' | +1 16 | +1 06 | *1.09 | *1.00 | 7.5 | 8.8 | 4.0 |
| 3033 | Thomas Landing, S. Newport River | 31° 39' | 81° 15' | +0 57 | +0 46 | *1.06 | *0.95 | 7.4 | 8.6 | 3.9 |
| 3035 | South Newport River (Daymark 135) | 31° 34' | 81° 11' | +0 27 | +0 20 | *1.03 | *1.05 | 7.1 | 8.3 | 3.8 |
| 3037 | Dallas Bluff, Julienton River | 31° 35' | 81° 19' | +0 48 | +1 04 | *1.10 | *1.09 | 7.6 | 8.9 | 4.0 |
| 3039 | Harris Neck, Barbour Island River | 31° 37' | 81° 16' | +0 54 | +0 32 | *1.08 | *1.00 | 7.5 | 8.8 | 4.0 |
| 3041 | Barbour Island, Barbour Island River | 31° 35' | 81° 14' | +0 36 | +0 24 | *1.06 | *1.00 | 7.3 | 8.5 | 3.9 |
| 3043 | Blackbeard Island | 31° 32' | 81° 12' | +0 18 | +0 22 | *1.00 | *1.00 | 6.9 | 8.1 | 3.6 |
| 3045 | Dog Hammock, Sapelo River | 31° 32' | 81° 16' | +0 33 | +0 22 | *1.04 | *0.91 | 7.2 | 8.4 | 3.8 |
| 3047 | Bellville Point, Sapelo River | 31° 32' | 81° 22' | +1 12 | +1 02 | *1.08 | *0.86 | 7.5 | 8.8 | 3.9 |
| 3049 | Pine Harbor, Sapelo River | 31° 33' | 81° 22' | +1 03 | +1 04 | *1.05 | *1.05 | 7.2 | 8.4 | 3.8 |
| 3051 | Eagle Creek, Mud River | 31° 31' | 81° 17' | +0 21 | +0 19 | *1.05 | *1.05 | 7.2 | 8.4 | 3.8 |
| 3053 | Creighton Narrows Entrance, Crescent River | 31° 29' | 81° 20' | +0 49 | +0 37 | *1.08 | *1.09 | 7.4 | 8.6 | 4.0 |
| 3055 | Mud River, at Old Teakettle Creek | 31° 29' | 81° 19' | +0 45 | +0 46 | *1.08 | *1.09 | 7.4 | 8.7 | 3.9 |
| | Doboy and Altamaha Sounds | | | | | | | | | |
| 3057 | Old Tea Kettle Creek (Daymark 173) | 31° 26' | 81° 18' | +0 39 | +0 39 | *0.96 | *0.82 | 6.7 | 7.8 | 3.5 |
| 3059 | Blackbeard Creek, Blackbeard Island | 31° 29' | 81° 13' | +0 19 | +0 47 | *0.94 | *0.95 | 6.5 | 7.6 | 3.5 |
| 3061 | Old Tower, Sapelo Island | 31° 23.4' | 81° 17.3' | +0 15 | +0 14 | *0.99 | *0.95 | 6.82 | 7.84 | 3.62 |
| 3063 | Hudson Creek entrance | 31° 27' | 81° 21' | +0 37 | +0 31 | *1.05 | *1.05 | 7.2 | 8.4 | 3.8 |
| 3065 | Threemile Cut entrance, Darien River | 31° 21' | 81° 23' | +0 44 | +0 55 | *1.03 | *1.05 | 7.1 | 8.3 | 3.7 |
| 3067 | Darien, Darien River | 31° 22' | 81° 26' | +1 08 | +1 15 | *1.06 | *1.05 | 7.3 | 8.5 | 3.9 |
| 3069 | Rockdedundy River (Daymark 185) | 31° 22' | 81° 20' | +0 29 | +0 41 | *1.00 | *1.01 | 6.9 | 8.0 | 3.7 |
| 3071 | Wolf Island, south end | 31° 20' | 81° 19' | +0 25 | +0 45 | *0.97 | *1.09 | 6.7 | 7.8 | 3.6 |
| 3073 | Champney Island, South Altamaha River | 31° 20' | 81° 28' | +1 10 | +2 33 | *0.76 | *0.77 | 5.2 | 6.1 | 2.8 |
| 3075 | Hampton River entrance | 31° 13' | 81° 19' | +0 16 | +0 04 | *0.96 | *0.95 | 6.6 | 7.8 | 3.5 |
| 3077 | Jones Creek entrance, Hampton River | 31° 18' | 81° 20' | +1 03 | +0 13 | *1.05 | *1.05 | 7.2 | 8.5 | 3.8 |
| | St. Simons Sound | | | | | | | | | |
| 3079 | St. Simons Sound Bar | 31° 06' | 81° 19' | −0 01 | −0 02 | *0.95 | *0.95 | 6.5 | 7.6 | 3.4 |
| 3081 | St. Simons Light | 31° 07.9' | 81° 23.8' | +0 14 | +0 16 | *0.95 | *0.91 | 6.60 | 7.72 | 3.50 |
| 3083 | Frederick River Bridge | 31° 10' | 81° 25' | +0 43 | +0 45 | *1.00 | *1.09 | 6.9 | 8.0 | 3.7 |
| 3085 | Frederica River | 31° 13' | 81° 24' | +0 48 | +0 56 | *1.05 | *1.05 | 7.2 | 8.4 | 3.8 |
| 3087 | Mackay River (Daymark 239) | 31° 13' | 81° 26' | +0 58 | +0 56 | *1.03 | *1.09 | 7.1 | 8.3 | 3.8 |
| 3089 | Mackay River (ICWW), Buttermilk Sound | 31° 17.1' | 81° 23.1' | +0 58 | +1 23 | *1.00 | *1.09 | 6.87 | 7.90 | 3.68 |
| 3091 | Brunswick, East River | 31° 09' | 81° 30' | +0 59 | +0 51 | *1.05 | *1.09 | 7.2 | 8.4 | 3.8 |
| | *Turtle River* | | | | | | | | | |
| 3093 | Crispen Island | 31° 13' | 81° 33' | +1 33 | +0 55 | *1.15 | *1.05 | 7.9 | 9.3 | 4.2 |
| 3095 | Allied Chemical Corp. docks | 31° 11' | 81° 31' | +1 03 | +0 42 | *1.10 | *1.09 | 7.6 | 8.9 | 4.0 |
| 3097 | Dillard Creek | 31° 14' | 81° 34' | +1 32 | +1 02 | *1.16 | *1.18 | 8.0 | 9.4 | 4.3 |
| 3099 | Buffalo River entrance | 31° 13' | 81° 35' | +1 37 | +0 58 | *1.16 | *1.18 | 8.0 | 9.4 | 4.3 |
| 3101 | Highway bridge, South Brunswick River | 31° 09' | 81° 34' | +1 07 | +0 49 | *1.10 | *1.09 | 7.6 | 8.9 | 4.0 |
| | St. Andrew Sound | | | on Fernandina Beach, p.156 | | | | | | |
| 3103 | Jekyll Island Marina, Jekyll Creek | 31° 03.4' | 81° 25.4' | +0 03 | +0 36 | *1.13 | *1.16 | 6.83 | 7.85 | 3.63 |
| 3105 | Jointer Island, Jointer Creek | 31° 06' | 81° 30' | +0 11 | +0 31 | *1.18 | *1.18 | 7.2 | 8.4 | 3.8 |
| | *Little Satilla River* | | | | | | | | | |
| 3107 | 2.5 miles above mouth | 31° 04' | 81° 30' | −0 04 | +0 31 | *1.12 | *1.12 | 6.8 | 7.9 | 3.6 |
| 3109 | 8 miles above mouth | 31° 06' | 81° 34' | +0 24 | +1 02 | *1.20 | *1.20 | 7.3 | 8.5 | 3.8 |
| 3111 | Below Spring Bluff | 31° 10' | 81° 37' | +1 09 | +1 31 | *1.23 | *1.23 | 7.5 | 8.7 | 3.9 |
| 3113 | Dover Bluff, Dover Creek | 31° 01' | 81° 32' | +0 06 | +0 31 | *1.15 | *1.15 | 7.0 | 8.1 | 3.7 |
| | *Satilla River* | | | | | | | | | |
| 3115 | Todd Creek entrance | 30° 58' | 81° 31' | −0 08 | +0 41 | *1.10 | *1.10 | 6.7 | 7.8 | 3.5 |
| 3117 | Bailey Cut, 0.8 mile west of | 30° 59' | 81° 36' | +0 06 | +1 02 | *1.13 | *1.13 | 6.9 | 8.0 | 3.6 |
| 3119 | Ceylon | 30° 58' | 81° 39' | +0 34 | +1 35 | *1.09 | *1.09 | 6.6 | 7.7 | 3.5 |
| 3121 | Burnt Fort | 30° 57' | 81° 54' | +3 55 | +5 05 | *0.53 | *0.53 | 3.2 | 3.7 | 1.7 |
| 3123 | Cumberland Wharf, Cumberland River | 30° 55.8' | 81° 26.8' | +0 00 | +0 26 | *1.12 | *1.12 | 6.8 | 7.9 | 3.6 |
| 3125 | Floyd Creek, 2.8 miles above entrance | 30° 56' | 81° 30' | +0 08 | +0 21 | *1.17 | *1.17 | 7.1 | 8.2 | 3.7 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **North** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | GEORGIA and FLORIDA<br>Time meridian, 75° W | | | | **on Fernandina Beach, p.156** | | | | | |
| | Cumberland Sound | | | | | | | | | |
| 3127 | St. Marys Entrance, North Jetty | 30° 43' | 81° 26' | −0 36 | −0 03 | *0.96 | *0.96 | 5.8 | 6.7 | 3.1 |
| 3129 | Kings Bay, Navy Base | 30° 48.1' | 81° 30.9' | +0 12 | +0 10 | *1.09 | *1.05 | 6.43 | 7.39 | 3.42 |
| 3131 | Beach Creek ent., Cumberland Island | 30° 43.6' | 81° 28.6' | +0 00 | −0 04 | *0.98 | *0.95 | 5.92 | 6.81 | 3.14 |
| 3133 | Seacamp Dock, Cumberland Island | 30° 45.8' | 81° 28.3' | +0 12 | +0 16 | *1.04 | *1.05 | 6.23 | 7.16 | 3.31 |
| 3135 | Crooked River, Cumberland Dividings | 30° 50.6' | 81° 29.2' | +0 44 | +0 56 | *1.12 | *1.12 | 6.8 | 7.9 | 3.6 |
| 3137 | Harrietts Bluff, Crooked River | 30° 52.2' | 81° 35.1' | +1 29 | +1 56 | *1.05 | *1.05 | 6.4 | 7.4 | 3.4 |
| | *St. Marys River* | | | | | | | | | |
| 3139 | St. Marys | 30° 43.2' | 81° 32.9' | +0 38 | +0 45 | *0.98 | *1.05 | 5.86 | 6.74 | 3.13 |
| 3141 | Crandall | 30° 43.3' | 81° 37.3' | +1 06 | +1 25 | *0.81 | *1.00 | 4.84 | 5.57 | 2.61 |
| 3143 | U.S. Highway 17 | 30° 44.5' | 81° 41.3' | +2 30 | – – – | – – – | – – – | – – | – – | – – |
| 3145 | Little St. Marys River | 30° 43.9' | 81° 43.6' | +2 49 | +2 36 | *0.71 | *0.79 | 4.27 | 4.91 | 2.29 |
| 3147 | Kings Ferry | 30° 47.2' | 81° 50.4' | +4 05 | +4 09 | *0.49 | *1.16 | 2.83 | 3.25 | 1.63 |
| 3149 | Chester, Bells River | 30° 41.0' | 81° 32.0' | +0 27 | +0 19 | *1.04 | *1.11 | 6.27 | 7.21 | 3.34 |
| 3151 | Roses Bluff, Bells River | 30° 42.2' | 81° 34.6' | +0 35 | +0 35 | *1.03 | *0.95 | 6.18 | 7.11 | 3.28 |
| 3153 | Lofton, Lanceford Creek | 30° 38.6' | 81° 31.4' | +0 18 | −0 01 | *1.05 | *1.05 | 6.33 | 7.28 | 3.36 |
| 3155 | FERNANDINA BEACH, Amelia River | 30° 40.5' | 81° 27.9' | | *Daily Predictions* | | | 6.02 | 7.07 | 3.20 |
| 3157 | Kingsley Creek, RR. bridge | 30° 37.9' | 81° 28.6' | +0 27 | +0 25 | *0.99 | *1.00 | 5.97 | 6.87 | 3.18 |
| | FLORIDA<br>Nassau Sound and Fort George River | | | | | | | | | |
| 3159 | Amelia City, South Amelia River | 30° 35.2' | 81° 27.8' | +0 21 | +0 42 | *0.89 | *0.89 | 5.39 | 6.20 | 2.86 |
| | *Nassau River* | | | | | | | | | |
| 3161 | entrance | 30° 31.1' | 81° 27.2' | −0 18 | +0 41 | *0.86 | *1.00 | 5.16 | 5.93 | 2.77 |
| 3163 | Nassauville | 30° 34.1' | 81° 30.9' | +0 24 | +1 09 | *0.80 | *1.00 | 4.75 | 5.46 | 2.56 |
| 3165 | Tiger Point, Pumpkin Hill Creek | 30° 30.1' | 81° 29.7' | +1 22 | +1 46 | *0.82 | *0.95 | 4.89 | 5.62 | 2.63 |
| 3167 | Edwards Creek, 1 mi. above entrance | 30° 30.1' | 81° 32.5' | +1 24 | +1 51 | *0.77 | *0.85 | 4.62 | 5.36 | 2.48 |
| 3169 | Cuno, Lofton Creek | 30° 34.6' | 81° 34.3' | +2 14 | +2 48 | *0.60 | *1.05 | 3.55 | 4.12 | 1.98 |
| 3171 | Mink Creek entrance | 30° 32.2' | 81° 34.9' | +1 13 | +2 05 | *0.72 | *1.05 | 4.26 | 4.90 | 2.33 |
| 3173 | Halfmoon Island, highway bridge | 30° 34.6' | 81° 36.5' | +2 00 | +2 39 | *0.70 | *1.05 | 4.16 | 4.78 | 2.28 |
| 3175 | Boggy Creek, 2 mi. above entrance | 30° 35.3' | 81° 39.8' | +3 29 | +3 50 | *0.49 | *0.89 | 2.90 | 3.34 | 1.62 |
| 3177 | Sawpit Creek entrance, bridge | 30° 30.8' | 81° 27.4' | −0 14 | +0 21 | *0.84 | *1.00 | 5.05 | 5.81 | 2.71 |
| 3179 | Sawpit Creek, 1 mi. above entrance | 30° 30.2' | 81° 28.3' | +0 05 | +0 31 | *0.84 | *0.74 | 5.08 | 5.84 | 2.68 |
| 3181 | Simpson Creek, A1A highway bridge | 30° 27.9' | 81° 25.9' | +0 04 | +0 17 | *0.84 | *0.63 | 5.08 | 5.84 | 2.66 |
| 3183 | Little Talbot Island, ocean | 30° 25.8' | 81° 24.3' | −0 36 | −0 13 | *0.91 | *1.00 | 5.45 | 6.27 | 2.91 |
| 3185 | Fort George Island, Fort George River | 30° 26.4' | 81° 26.3' | +0 10 | +0 33 | *0.79 | *0.74 | 4.78 | 5.50 | 2.53 |
| | FLORIDA, St. Johns River | | | | **on Mayport, p.160** | | | | | |
| 3187 | Mayport Naval Station, Degausing Structure | 30° 23.8' | 81° 23.7' | −0 21 | −0 04 | *1.07 | *1.13 | 4.87 | 5.36 | 2.61 |
| 3189 | Mayport Naval Station, Water Treatment Dock | 30° 24.0' | 81° 24.8' | −0 12 | −0 06 | *1.03 | *1.00 | 4.72 | 5.17 | 2.51 |
| 3191 | MAYPORT (BAR PILOT DOCK) | 30° 23.8' | 81° 25.8' | | *Daily predictions* | | | 4.57 | 5.32 | 2.44 |
| 3193 | Pablo Creek entrance | 30° 22.6' | 81° 26.9' | +0 29 | +0 33 | *0.85 | *0.73 | 3.89 | 4.24 | 2.05 |
| 3195 | Pablo Creek, ICWW bridge | 30° 19.4' | 81° 26.3' | +1 14 | +1 20 | *0.84 | *1.00 | 3.82 | 4.16 | 2.06 |
| 3197 | Sisters Creek | 30° 25.0' | 81° 27.2' | +0 32 | +0 50 | *0.95 | *0.93 | 4.34 | 4.70 | 2.31 |
| 3199 | Clapboard Creek, Pelotes Island | 30° 24.4' | 81° 30.6' | +0 32 | +0 56 | *0.79 | *0.80 | 3.64 | 3.94 | 1.94 |
| 3201 | Fulton | 30° 23.4' | 81° 30.4' | +0 24 | +0 40 | *0.80 | *0.73 | 3.66 | 3.97 | 1.94 |
| 3203 | Blount Island Bridge | 30° 24.8' | 81° 32.7' | +0 42 | +1 05 | *0.77 | *0.73 | 3.51 | 3.80 | 1.87 |
| 3205 | Dame Point | 30° 23.2' | 81° 33.5' | +0 42 | +1 12 | *0.70 | *0.67 | 3.19 | 3.44 | 1.70 |
| 3207 | Mill Cove | 30° 22.2' | 81° 33.5' | +0 51 | – – – | – – – | – – – | – – | – – | – – |
| 3209 | Cedar Heights, Broward River | 30° 26.2' | 81° 38.5' | +1 08 | +1 53 | *0.65 | *0.53 | 2.99 | 3.47 | 1.58 |
| 3211 | Jacksonville, Navy Fuel Depot | 30° 24.0' | 81° 37.6' | +1 14 | +1 48 | *0.56 | *0.53 | 2.60 | 2.81 | 1.37 |
| | *Trout River* | | | | | | | | | |
| 3213 | Moncrief Creek entrance | 30° 23.5' | 81° 39.7' | +1 11 | +1 53 | *0.55 | *0.53 | 2.51 | 2.91 | 1.34 |
| 3215 | Lake Forest, Ribault River | 30° 23.9' | 81° 41.9' | +1 13 | +2 10 | *0.58 | *0.60 | 2.64 | 2.82 | 1.41 |
| 3217 | Sherwood Forest | 30° 25.2' | 81° 43.7' | +1 42 | +2 13 | *0.58 | *0.67 | 2.65 | 2.88 | 1.43 |
| 3219 | Phoenix Park | 30° 23.0' | 81° 38.2' | +1 02 | +1 47 | *0.56 | *0.60 | 2.54 | 2.75 | 1.36 |
| 3221 | Jacksonville, Long Branch | 30° 21.6' | 81° 37.2' | +1 15 | +1 54 | *0.55 | *0.73 | 2.49 | 2.89 | 1.35 |
| 3223 | Little Pottsburg Creek | 30° 18.6' | 81° 36.6' | +1 31 | +2 09 | *0.44 | *0.53 | 2.02 | 2.34 | 1.09 |
| 3225 | Jacksonville, Main Street Bridge | 30° 19.2' | 81° 39.5' | +1 39 | +2 09 | *0.40 | *0.73 | 1.79 | 1.95 | 1.00 |
| 3227 | Ortega River entrance | 30° 16.7' | 81° 42.3' | +2 09 | +2 47 | *0.25 | *0.47 | 1.11 | 1.26 | 0.63 |
| 3229 | Piney Point | 30° 13.7' | 81° 39.8' | +2 39 | +3 36 | *0.20 | *0.40 | 0.87 | 1.01 | 0.49 |
| 3231 | I–295 bridge (west end) | 30° 11.5' | 81° 41.5' | +2 56 | +3 43 | *0.21 | *0.60 | 0.91 | 1.06 | 0.55 |
| 3233 | Orange Park Landing, Orange Park | 30° 10.1' | 81° 41.7' | +3 24 | +4 44 | *0.17 | *0.53 | 0.74 | 0.87 | 0.45 |
| 3235 | Peoria Point, Doctors Lake | 30° 07.2' | 81° 45.5' | +3 36 | +4 56 | *0.18 | *0.33 | 0.80 | 0.93 | 0.45 |
| 3237 | Julington Creek | 30° 08.1' | 81° 37.8' | +3 58 | +5 13 | *0.16 | *0.47 | 0.71 | 0.83 | 0.43 |
| 3239 | Black Creek, S.C.L. RR. bridge | 30° 04.8' | 81° 45.7' | +4 46 | +5 52 | *0.18 | *0.33 | 0.82 | 0.92 | 0.46 |
| 3241 | Green Cove Springs | 29° 59.4' | 81° 39.8' | +4 57 | +5 55 | *0.17 | *0.27 | 0.78 | 0.90 | 0.43 |
| 3243 | Tocoi | 29° 51.5' | 81° 33.2' | +6 02 | +7 03 | *0.21 | *0.27 | 0.95 | 1.10 | 0.51 |
| 3245 | Palmetto Bluff | 29° 45.8' | 81° 33.7' | +6 35 | +7 36 | *0.23 | *0.47 | 1.04 | 1.18 | 0.59 |
| 3247 | Palatka | 29° 38.6' | 81° 37.9' | +7 11 | +8 38 | *0.25 | *0.53 | 1.09 | 1.22 | 0.63 |
| 3249 | Sutherlands Still, Dunns Creek | 29° 34.3' | 81° 36.4' | +7 35 | +9 05 | *0.18 | *0.20 | 0.84 | 0.97 | 0.45 |
| 3251 | Buffalo Bluff | 29° 35.7' | 81° 40.9' | +7 27 | +8 58 | *0.21 | *0.40 | 0.93 | 1.03 | 0.52 |
| 3253 | Welaka | 29° 28.6' | 81° 40.5' | +7 16 | +8 07 | *0.10 | *0.27 | 0.43 | 0.50 | 0.25 |
| 3255 | Georgetown <24> | 29° 23.1' | 81° 38.2' | – – – | – – – | – – – | – – – | – – | – – | – – |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | FLORIDA, East Coast<br>Time meridian, 75° W | | | **on Fernandina Beach, p.156** | | | | | | |
| 3257 | Atlantic Beach | 30° 20.1' | 81° 23.7' | −0 41 | −0 23 | *0.86 | *0.86 | 5.2 | 6.0 | 2.8 |
| 3259 | Jacksonville Beach | 30° 17.0' | 81° 23.2' | −0 50 | −0 27 | *0.84 | *0.84 | 5.07 | 5.83 | 2.70 |
| 3261 | Oak Landing, ICWW | 30° 15.2' | 81° 25.8' | +2 15 | +2 03 | *0.68 | *0.80 | 4.07 | 4.72 | 2.20 |
| 3263 | Palm Valley, ICWW | 30° 08.0' | 81° 23.2' | +2 00 | +1 49 | *0.79 | *0.75 | 4.79 | 5.56 | 2.55 |
| 3265 | Vilano Beach, Tolomato River | 29° 55.0' | 81° 18.0' | −0 20 | −0 05 | *0.74 | *0.90 | 4.48 | 5.20 | 2.42 |
| 3267 | St. Augustine, city dock | 29° 53.5' | 81° 18.6' | −0 20 | +0 01 | *0.75 | *0.89 | 4.48 | 5.15 | 2.41 |
| 3269 | St. Augustine Beach | 29° 51.4' | 81° 15.8' | −0 51 | −0 32 | *0.77 | *0.84 | 4.61 | 5.48 | 2.47 |
| 3271 | Fort Matanzas, Matanzas River, ICWW | 29° 42.9' | 81° 14.3' | +0 03 | +0 49 | *0.65 | *0.95 | 3.86 | 4.44 | 2.11 |
| 3273 | Smith Creek, Flagler Beach | 29° 28.7' | 81° 08.2' | +4 33 | +5 00 | *0.15 | *0.30 | 0.86 | 1.00 | 0.49 |
| 3275 | Ormond Beach, Halifax River | 29° 17.1' | 81° 03.2' | +3 17 | +4 31 | *0.11 | *0.45 | 0.60 | 0.70 | 0.39 |
| 3277 | Daytona Beach Shores, Sunglow Pier | 29° 08.8' | 80° 57.8' | −0 56 | −0 42 | *0.65 | *0.84 | 3.90 | 4.49 | 2.11 |
| | | | | **on Miami Harbor Entrance, p.168** | | | | | | |
| 3279 | Ponce de Leon Inlet | 29° 03.8' | 80° 54.9' | −0 11 | +0 19 | *1.17 | *0.92 | 2.76 | 3.37 | 1.48 |
| 3281 | Ponce Inlet, Halifax River | 29° 04.9' | 80° 56.2' | +0 05 | +0 33 | *1.18 | *1.00 | 2.75 | 3.36 | 1.52 |
| 3283 | Cape Canaveral | 28° 26' | 80° 34' | −1 06 | −0 44 | *1.50 | *1.42 | 3.5 | 4.1 | 2.0 |
| 3285 | Oak Hill, Mosquito Lagoon <21> | 28° 52' | 80° 50' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3287 | PORT CANAVERAL (TRIDENT PIER) | 28° 24.9' | 80° 35.6' | *Daily predictions, p.164* | | | | 3.47 | 4.13 | 1.89 |
| 3289 | Cocoa Beach | 28° 22.1' | 80° 36.0' | −1 01 | −0 38 | *1.47 | *1.14 | 3.46 | 4.22 | 1.89 |
| 3291 | Patrick Air Force Base | 28° 14.7' | 80° 36.0' | −1 04 | −0 38 | *1.50 | *1.43 | 3.50 | 4.20 | 1.95 |
| | *Banana River* | | | | | | | | | |
| 3293 | Kennedy Pkwy., Banana Creek, Merritt I. <22> | 28° 35.4' | 80° 39.5' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3295 | VAB Turning Basin, Merritt Island <22> | 28° 35.1' | 80° 38.6' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3297 | Orsino Causeway <22> | 28° 30.8' | 80° 36.7' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3299 | Port Canaveral locks <22> | 28° 24.5' | 80° 38.3' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3301 | Sykes Creek <22> | 28° 24.3' | 80° 41.8' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3303 | Carter's Cut, Merritt Island <22> | 28° 09.5' | 80° 36.7' | – – – | – – – | – – – | – – – | – – | – – | – – |
| | *Indian River* | | | | | | | | | |
| 3305 | Titusville <22> | 28° 37.2' | 80° 48.0' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3307 | Williams Point <22> | 28° 27.4' | 80° 45.6' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3309 | Pineda <22> | 28° 12.7' | 80° 39.8' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3311 | Canova Beach | 28° 08.3' | 80° 34.7' | −0 53 | −0 26 | *1.49 | *1.50 | 3.45 | 4.14 | 1.93 |
| | *Indian River – cont.* | | | | | | | | | |
| 3313 | Eau Gallie <22> | 28° 08.0' | 80° 37.5' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3315 | Melbourne <22> | 28° 06.0' | 80° 36.7' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3317 | Palm Bay <22> | 28° 02.5' | 80° 34.9' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3319 | Micco | 27° 52.4' | 80° 29.8' | +1 14 | +2 19 | *0.14 | *0.57 | 0.26 | 0.31 | 0.21 |
| 3321 | Sebastian Inlet bridge | 27° 51.6' | 80° 26.9' | −0 48 | −0 24 | *0.93 | *1.00 | 2.16 | 2.64 | 1.22 |
| | *Indian River – cont.* | | | | | | | | | |
| 3323 | Sebastian | 27° 48.7' | 80° 27.8' | +1 32 | +2 36 | *0.15 | *0.50 | 0.30 | 0.36 | 0.22 |
| 3325 | Wabasso | 27° 45.3' | 80° 25.6' | +2 20 | +3 24 | *0.17 | *0.42 | 0.37 | 0.44 | 0.25 |
| 3327 | Vero Beach | 27° 38.0' | 80° 22.5' | +2 56 | +3 41 | *0.37 | *0.79 | 0.80 | 0.96 | 0.51 |
| 3329 | Oslo | 27° 35.6' | 80° 21.4' | +3 00 | +3 59 | *0.34 | *0.50 | 0.77 | 0.92 | 0.46 |
| 3331 | St. Lucie | 27° 28.7' | 80° 20.0' | +0 41 | +1 46 | *0.48 | *1.00 | 1.05 | 1.26 | 0.66 |
| 3333 | Vero Beach (ocean) | 27° 40.2' | 80° 21.6' | −0 55 | −0 35 | *1.45 | *1.36 | 3.39 | 4.03 | 1.88 |
| 3335 | Fort Pierce Inlet, south jetty | 27° 28.2' | 80° 17.3' | −0 31 | −0 18 | *1.14 | *1.50 | 2.61 | 3.13 | 1.52 |
| 3337 | Fort Pierce Inlet | 27° 28.1' | 80° 17.8' | −0 14 | −0 01 | *0.82 | *1.28 | 1.85 | 2.22 | 1.11 |
| | *Indian River – cont.* | | | | | | | | | |
| 3339 | Fort Pierce | 27° 27.4' | 80° 19.4' | +0 49 | +1 01 | *0.56 | *1.14 | 1.22 | 1.46 | 0.77 |
| 3341 | Ankona | 27° 21.3' | 80° 16.5' | +2 16 | +3 03 | *0.52 | *0.85 | 1.10 | 1.32 | 0.67 |
| 3343 | Eden, Nettles Island | 27° 17.2' | 80° 13.6' | +2 35 | +3 31 | *0.45 | *0.92 | 0.98 | 1.18 | 0.62 |
| 3345 | Jensen Beach | 27° 14.1' | 80° 12.6' | +2 17 | +3 04 | *0.48 | *0.92 | 1.05 | 1.26 | 0.65 |
| | *St. Lucie River* | | | | | | | | | |
| 3347 | North Fork | 27° 14.6' | 80° 18.8' | +2 28 | +3 28 | *0.46 | *0.92 | 0.99 | 1.19 | 0.63 |
| 3349 | Stuart | 27° 12.0' | 80° 15.5' | +2 13 | +3 30 | *0.40 | *0.86 | 0.88 | 1.06 | 0.56 |
| 3351 | South Fork | 27° 09.9' | 80° 15.3' | +2 35 | +3 32 | *0.43 | *0.92 | 0.93 | 1.12 | 0.59 |
| 3353 | Sewall Point | 27° 10.5' | 80° 11.3' | +1 13 | +2 10 | *0.43 | *0.93 | 0.93 | 1.11 | 0.59 |
| 3355 | Port Salerno, Manatee Pocket | 27° 09.1' | 80° 11.7' | +0 51 | +1 46 | *0.42 | *0.92 | 0.90 | 1.08 | 0.58 |
| 3357 | Seminole Shores | 27° 11.0' | 80° 09.5' | −0 59 | −0 35 | *1.29 | *1.28 | 3.00 | 3.60 | 1.68 |
| 3359 | Great Pocket | 27° 09.1' | 80° 10.3' | +0 55 | +1 42 | *0.50 | *1.00 | 1.08 | 1.30 | 0.68 |
| 3361 | Peck Lake, ICWW | 27° 06.8' | 80° 08.7' | +1 13 | +2 10 | *0.58 | *1.00 | 1.28 | 1.54 | 0.78 |
| 3363 | Gomez, South Jupiter Narrows | 27° 05.7' | 80° 08.2' | +1 33 | +2 37 | *0.60 | *1.07 | 1.32 | 1.58 | 0.81 |
| 3365 | Hobe Sound bridge | 27° 03.8' | 80° 07.4' | +1 28 | +2 25 | *0.68 | *1.00 | 1.53 | 1.84 | 0.90 |
| 3367 | Hobe Sound, Jupiter Island | 27° 02.2' | 80° 06.4' | +1 16 | +2 12 | *0.75 | *1.00 | 1.72 | 2.06 | 1.00 |
| 3369 | Conch Bar, Jupiter Sound | 26° 59.3' | 80° 05.6' | +0 56 | +1 34 | *0.74 | *1.07 | 1.68 | 2.02 | 0.99 |
| 3371 | Jupiter Sound, south end | 26° 57.1' | 80° 04.7' | +0 22 | +0 45 | *0.88 | *1.36 | 1.98 | 2.38 | 1.18 |
| 3373 | Jupiter Inlet, south jetty | 26° 56.6' | 80° 04.4' | −0 10 | −0 09 | *1.08 | *1.42 | 2.46 | 2.95 | 1.43 |
| 3375 | Jupiter Inlet, U.S. Highway 1 Bridge | 26° 56.9' | 80° 05.1' | +0 28 | +1 05 | *0.86 | *1.14 | 1.96 | 2.35 | 1.14 |
| | *Loxahatchee River* | | | | | | | | | |
| 3377 | A1A highway bridge | 26° 56.8' | 80° 05.4' | +0 34 | +0 54 | *0.87 | *1.14 | 2.00 | 2.40 | 1.16 |
| 3379 | Tequesta | 26° 57.0' | 80° 06.1' | +0 59 | +1 58 | *0.80 | *1.14 | 1.83 | 2.20 | 1.08 |
| 3381 | Tequesta, North Fork entrance | 26° 57.1' | 80° 06.1' | +0 51 | +1 42 | *0.78 | *0.92 | 1.80 | 2.16 | 1.03 |
| 3383 | Tequesta, North Fork | 26° 57.6' | 80° 06.3' | +1 14 | +2 13 | *0.75 | *1.00 | 1.72 | 2.06 | 1.00 |
| 3385 | North Fork, 2 miles above entrance | 26° 58.6' | 80° 06.9' | +1 04 | +1 55 | *0.86 | *1.14 | 1.95 | 2.34 | 1.14 |
| 3387 | 3 miles above A1A highway bridge | 26° 58.2' | 80° 07.5' | +0 56 | +1 49 | *0.86 | *1.14 | 1.98 | 2.38 | 1.15 |
| 3389 | Boy Scout Dock | 26° 59.2' | 80° 08.5' | +1 01 | +1 57 | *0.92 | *1.36 | 2.09 | 2.51 | 1.23 |
| 3391 | Southwest Fork, 0.5 mile above entrance | 26° 56.6' | 80° 07.2' | +0 41 | +1 35 | *0.89 | *1.42 | 2.00 | 2.40 | 1.20 |
| 3393 | Southwest Fork (spillway) | 26° 56.1' | 80° 08.6' | +0 52 | +1 45 | *0.86 | *1.28 | 1.94 | 2.33 | 1.15 |
| 3395 | Jupiter, Lake Worth Creek, ICWW | 26° 56.1' | 80° 05.1' | +0 34 | +1 12 | *0.91 | *1.28 | 2.06 | 2.47 | 1.21 |
| 3397 | Lake Worth Creek, Day Beacon 19, ICWW | 26° 54.7' | 80° 04.8' | +0 29 | +1 08 | *0.92 | *1.21 | 2.10 | 2.52 | 1.22 |
| 3399 | Donald Ross Bridge, ICWW | 26° 52.9' | 80° 04.2' | +0 20 | +0 50 | *1.00 | *1.21 | 2.31 | 2.77 | 1.32 |
| 3401 | PGA Boulevard Bridge, ICWW | 26° 50.6' | 80° 04.0' | −0 02 | +0 31 | *1.16 | *1.36 | 2.68 | 3.22 | 1.53 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | FLORIDA, East Coast–cont. Time meridian, 75° W | | | on Miami Harbor Entrance, p.168 | | | | | | |
| | *Lake Worth* | | | | | | | | | |
| 3403 | North Palm Beach | 26° 49.6' | 80° 03.3' | −0 17 | +0 15 | *1.22 | *1.29 | 2.81 | 3.34 | 1.59 |
| 3405 | Port of Palm Beach | 26° 46.2' | 80° 03.1' | −0 21 | +0 04 | *1.18 | *1.36 | 2.72 | 3.26 | 1.55 |
| 3407 | Palm Beach | 26° 44.0' | 80° 02.5' | −0 11 | +0 16 | *1.17 | *1.29 | 2.69 | 3.20 | 1.54 |
| 3409 | Palm Beach, Highway 704 bridge | 26° 42.3' | 80° 02.7' | +0 18 | +0 40 | *1.10 | *1.07 | 2.57 | 3.06 | 1.44 |
| 3411 | West Palm Beach Canal | 26° 38.7' | 80° 02.7' | +0 48 | +1 35 | *1.07 | *1.14 | 2.46 | 2.92 | 1.40 |
| 3413 | Boynton Beach | 26° 32.9' | 80° 03.2' | +1 05 | +2 07 | *1.06 | *1.07 | 2.47 | 2.94 | 1.38 |
| 3415 | Lake Worth Pier (ocean) | 26° 36.7' | 80° 02.0' | −0 45 | −0 19 | *1.16 | *1.00 | 2.73 | 3.25 | 1.50 |
| 3417 | Ocean Ridge, ICWW | 26° 31.6' | 80° 03.2' | +1 16 | +2 10 | *1.10 | *1.21 | 2.54 | 3.05 | 1.44 |
| 3419 | Delray Beach, ICWW | 26° 28.4' | 80° 03.7' | +1 24 | +2 07 | *1.07 | *1.14 | 2.47 | 2.94 | 1.40 |
| 3421 | South Delray Beach, ICWW | 26° 26.8' | 80° 03.9' | +1 21 | +1 58 | *1.06 | *1.21 | 2.43 | 2.89 | 1.39 |
| 3423 | Yamato, ICWW | 26° 24.2' | 80° 04.2' | +1 22 | +1 57 | *1.02 | *1.14 | 2.35 | 2.80 | 1.34 |
| 3425 | Lake Wyman, ICWW | 26° 22.2' | 80° 04.2' | +1 17 | +1 49 | *0.96 | *1.14 | 2.21 | 2.63 | 1.26 |
| 3427 | Boca Raton, Lake Boca Raton | 26° 20.6' | 80° 04.6' | +0 23 | +1 07 | *0.97 | *1.14 | 2.23 | 2.68 | 1.27 |
| 3429 | Deerfield Beach, Hillsboro River | 26° 18.8' | 80° 04.9' | +0 28 | +1 03 | *1.02 | *1.07 | 2.36 | 2.83 | 1.33 |
| 3431 | Hillsboro Beach, ICWW | 26° 16.5' | 80° 04.8' | +0 02 | +0 34 | *1.06 | *1.07 | 2.47 | 2.96 | 1.39 |
| 3433 | Hillsboro Inlet, Coast Guard Light Station | 26° 15.5' | 80° 04.9' | −0 16 | +0 03 | *1.08 | *1.14 | 2.49 | 2.96 | 1.41 |
| 3435 | Hillsboro Inlet Marina | 26° 15.6' | 80° 05.1' | −0 06 | +0 24 | *1.06 | *1.14 | 2.45 | 2.94 | 1.38 |
| 3437 | Hillsboro Inlet (ocean) | 26° 15.4' | 80° 04.8' | −0 23 | +0 00 | *1.12 | *1.21 | 2.60 | 3.12 | 1.47 |
| 3439 | Lauderdale–by–the–Sea, Anglin Fishing Pier | 26° 11.3' | 80° 05.6' | −0 34 | −0 13 | *1.14 | *1.28 | 2.64 | 3.17 | 1.50 |
| | *Fort Lauderdale* | | | | | | | | | |
| 3441 | Bahia Mar Yacht Club | 26° 06.8' | 80° 06.5' | −0 05 | +0 33 | *1.05 | *1.21 | 2.42 | 2.90 | 1.38 |
| 3443 | Andrews Avenue bridge, New River | 26° 07.1' | 80° 08.7' | +0 15 | +0 51 | *0.92 | *1.07 | 2.13 | 2.56 | 1.22 |
| 3445 | Mayan Lake | 26° 06.0' | 80° 06.5' | +0 20 | +1 02 | *0.91 | *1.00 | 2.11 | 2.53 | 1.19 |
| 3447 | Port Everglades, Turning Basin | 26° 05.5' | 80° 07.4' | −0 29 | −0 09 | *1.09 | *1.14 | 2.53 | 3.01 | 1.43 |
| 3449 | South Port Everglades, ICWW | 26° 04.9' | 80° 07.0' | −0 23 | −0 03 | *1.10 | *1.42 | 2.52 | 3.02 | 1.46 |
| 3451 | Whiskey Creek, north end | 26° 04.8' | 80° 06.7' | −0 23 | −0 06 | *1.10 | *1.28 | 2.52 | 3.02 | 1.44 |
| 3453 | Port Laudania, Dania cut–off Canal | 26° 03.6' | 80° 07.8' | +0 01 | +0 11 | *1.00 | *1.21 | 2.30 | 2.76 | 1.32 |
| 3455 | Whiskey Creek, south entrance, ICWW | 26° 03.3' | 80° 06.8' | +0 04 | +0 31 | *0.96 | *1.14 | 2.21 | 2.63 | 1.27 |
| 3457 | Hollywood Beach, West Lake, north end | 26° 02.6' | 80° 07.6' | +1 08 | +1 42 | *0.85 | *1.07 | 1.94 | 2.33 | 1.12 |
| 3459 | Hollywood Beach, West Lake, south end | 26° 02.0' | 80° 07.4' | +1 02 | +1 45 | *0.88 | *1.14 | 2.02 | 2.42 | 1.17 |
| 3461 | Hollywood Beach | 26° 02.4' | 80° 06.9' | +0 37 | +1 41 | *0.91 | *1.14 | 2.08 | 2.50 | 1.20 |
| 3463 | Golden Beach, ICWW | 25° 58.0' | 80° 07.4' | +1 13 | +1 57 | *0.91 | *1.07 | 2.10 | 2.52 | 1.20 |
| 3465 | Dumfoundling Bay | 25° 56.5' | 80° 07.5' | +1 17 | +2 07 | *0.88 | *1.00 | 2.02 | 2.40 | 1.15 |
| 3467 | Sunny Isles, Biscayne Creek | 25° 55.7' | 80° 07.8' | +2 00 | +2 24 | *0.77 | *0.71 | 1.8 | 2.2 | 1.0 |
| 3469 | Biscayne Creek, ICWW | 25° 52.8' | 80° 09.8' | +0 47 | +1 39 | *0.93 | *1.00 | 2.15 | 2.56 | 1.21 |
| 3471 | North Miami Beach, Newport Fishing Pier | 25° 55.8' | 80° 07.2' | −0 22 | +0 00 | *1.08 | *1.21 | 2.49 | 2.96 | 1.41 |
| 3473 | Haulover Pier, N. Miami Beach | 25° 54.2' | 80° 07.2' | −0 29 | −0 06 | *1.06 | *1.00 | 2.48 | 2.95 | 1.37 |
| 3475 | Bakers Haulover Inlet (inside) | 25° 54.2' | 80° 07.5' | +0 57 | +1 37 | *0.87 | *0.92 | 2.01 | 2.20 | 1.13 |
| 3477 | Indian Creek Golf Club, ICWW | 25° 52.5' | 80° 08.6' | +1 13 | +1 46 | *0.92 | *0.92 | 2.13 | 2.56 | 1.20 |
| 3479 | Miami Harbor Entrance | 25° 46.1' | 80° 07.9' | −0 22 | −0 02 | *1.07 | *1.14 | 2.46 | 2.93 | 1.39 |
| 3481 | GOVERNMENT CUT, MIAMI HARBOR ENTRANCE | 25° 45.8' | 80° 07.8' | | *Daily predictions* | | | 2.32 | 2.83 | 1.32 |
| | *Biscayne Bay* | | | | | | | | | |
| 3483 | San Marino Island | 25° 47.6' | 80° 09.8' | +0 37 | +0 58 | *0.92 | *1.00 | 2.14 | 2.57 | 1.21 |
| 3485 | Miami, Marina | 25° 46.7' | 80° 11.1' | +0 20 | +0 49 | *0.94 | *0.92 | 2.18 | 2.59 | 1.22 |
| 3487 | Dodge Island, Fishermans Channel | 25° 46.2' | 80° 10.1' | +0 34 | +1 10 | *0.91 | *1.00 | 2.10 | 2.52 | 1.19 |
| 3489 | Dinner Key Marina | 25° 43.6' | 80° 14.2' | +0 54 | +1 48 | *0.84 | *0.92 | 1.94 | 2.33 | 1.10 |
| | Florida Keys | | | | | | | | | |
| 3491 | Bear Cut, Virginia Key | 25° 43.9' | 80° 09.7' | +0 28 | +0 51 | *0.88 | *0.86 | 2.05 | 2.44 | 1.15 |
| 3493 | Key Biscayne Yacht Club, Biscayne Bay | 25° 41.9' | 80° 10.2' | +0 44 | +1 31 | *0.86 | *0.92 | 2.00 | 2.40 | 1.13 |
| 3495 | Coral Shoal, Biscayne Channel | 25° 39.1' | 80° 09.4' | +0 11 | +0 37 | *0.88 | *0.92 | 2.05 | 2.46 | 1.15 |
| 3497 | Cutler, Biscayne Bay | 25° 36.9' | 80° 18.3' | +1 01 | +1 58 | *0.84 | *0.92 | 1.94 | 2.31 | 1.10 |
| 3499 | Soldier Key | 25° 35' | 80° 10' | +0 30 | +1 16 | *0.81 | *0.71 | 1.9 | 2.3 | 1.0 |
| 3501 | Ragged Keys, Biscayne Bay | 25° 32.0' | 80° 10.3' | +0 43 | +1 18 | *0.73 | *1.00 | 1.65 | 1.96 | 0.96 |
| 3503 | Boca Chita Key, Biscayne Bay | 25° 31.4' | 80° 10.6' | +1 01 | +1 39 | *0.70 | *1.14 | 1.57 | 1.88 | 0.94 |
| 3505 | Sands Key, northwest point, Biscayne Bay | 25° 30.3' | 80° 11.3' | +1 25 | +2 26 | *0.63 | *0.64 | 1.46 | 1.64 | 0.82 |
| 3507 | Coon Point, Elliott Key, Biscayne Bay | 25° 28.7' | 80° 11.4' | +1 55 | +2 56 | *0.63 | *0.71 | 1.44 | 1.63 | 0.82 |
| 3509 | Elliott Key Harbor, Elliott Key, Biscayne Bay | 25° 27.2' | 80° 11.8' | +1 56 | +3 00 | *0.64 | *0.64 | 1.48 | 1.67 | 0.83 |
| 3511 | Turkey Point, Biscayne Bay | 25° 26.2' | 80° 19.7' | +2 11 | +3 21 | *0.70 | *0.79 | 1.61 | 1.92 | 0.92 |
| 3513 | Billys Point, south of, Elliott Key, Biscayne Bay | 25° 24.9' | 80° 12.6' | +2 08 | +3 20 | *0.63 | *0.64 | 1.46 | 1.65 | 0.82 |
| 3515 | Sea Grape Point, Elliott Key | 25° 28.6' | 80° 10.8' | −0 25 | −0 05 | *1.03 | *1.03 | 2.30 | 2.74 | 1.39 |
| 3517 | Christmas Point, Elliott Key | 25° 23.5' | 80° 13.8' | +0 13 | +0 37 | *0.80 | *1.07 | 1.82 | 2.13 | 1.06 |
| 3519 | Adams Key, south end, Biscayne Bay | 25° 23.8' | 80° 14.0' | +1 01 | +1 08 | *0.67 | *1.00 | 1.52 | 1.75 | 0.90 |
| 3521 | Totten Key, west side, Biscayne Bay | 25° 22.7' | 80° 15.4' | +2 19 | +3 21 | *0.54 | *0.57 | 1.26 | 1.41 | 0.71 |
| 3523 | East Arsenicker, Card Sound | 25° 22.4' | 80° 17.5' | +2 26 | +3 09 | *0.40 | *0.64 | 0.91 | 1.04 | 0.54 |
| 3525 | Card Sound, western side | 25° 20.7' | 80° 19.9' | +2 51 | +3 40 | *0.30 | *0.43 | 0.68 | 0.77 | 0.40 |
| 3527 | Pumpkin Key, south end, Card Sound | 25° 19.5' | 80° 17.6' | +2 35 | +2 52 | *0.30 | *0.78 | 0.63 | 0.71 | 0.43 |
| 3529 | Wednesday Point, Key Largo, Card Sound | 25° 18.6' | 80° 17.9' | +2 38 | +3 30 | *0.34 | *0.57 | 0.77 | 0.88 | 0.46 |
| 3531 | Cormorant Point, Key Largo, Card Sound | 25° 17.4' | 80° 20.3' | +2 45 | +3 01 | *0.32 | *0.50 | 0.73 | 0.82 | 0.43 |
| 3533 | Little Card Sound bridge | 25° 17.3' | 80° 22.2' | +3 30 | +4 03 | *0.24 | *0.43 | 0.53 | 0.63 | 0.33 |
| 3535 | Ocean Reef Harbor, Key Largo | 25° 18.6' | 80° 16.8' | −0 08 | +0 17 | *1.02 | *1.50 | 2.30 | 2.74 | 1.36 |
| 3537 | Main Key, Barnes Sound | 25° 14.4' | 80° 24.0' | +5 04 | +6 16 | *0.19 | *0.36 | 0.41 | 0.46 | 0.26 |
| 3539 | Manatee Creek, Manatee Bay, Barnes Sound | 25° 14.1' | 80° 25.8' | +5 14 | +6 20 | *0.18 | *0.36 | 0.39 | 0.44 | 0.25 |
| 3541 | Manatee Creek, Hwy. 1 bridge, Long Sound <26> | 25° 14.1' | 80° 26.1' | − − − | − − − | − − − | − − − | − − | − − | − − |
| 3543 | Carysfort Reef | 25° 13.3' | 80° 12.7' | +0 19 | +0 39 | *1.03 | *1.36 | 2.34 | 2.60 | 1.36 |
| 3545 | Jewfish Creek entrance, Blackwater Sound <26> | 25° 11.0' | 80° 23.2' | − − − | − − − | − − − | − − − | − − | − − | − − |
| 3547 | Deep Six Marina, Blackwater Sound <26> | 25° 08.4' | 80° 24.2' | − − − | − − − | − − − | − − − | − − | − − | − − |
| 3549 | Garden Cove, Key Largo | 25° 10.3' | 80° 22.0' | −0 01 | +0 25 | *0.94 | *1.14 | 2.16 | 2.53 | 1.24 |
| 3551 | Largo Sound, Key Largo | 25° 08.4' | 80° 23.7' | +2 13 | +3 03 | *0.35 | *0.50 | 0.80 | 0.96 | 0.47 |
| 3553 | Key Largo, South Sound, Key Largo | 25° 06.8' | 80° 25.0' | +0 23 | +1 49 | *0.66 | *0.64 | 1.55 | 1.86 | 0.85 |
| 3555 | Point Charles, Key Largo | 25° 04.9' | 80° 27.0' | +0 25 | +1 53 | *0.77 | *0.64 | 1.80 | 2.14 | 0.99 |
| 3557 | Rock Harbor, Key Largo | 25° 04.9' | 80° 26.8' | +0 22 | +0 36 | *0.94 | *1.21 | 2.14 | 2.57 | 1.24 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | FLORIDA<br>Florida Keys–cont.<br>Time meridian, 75° W | | | **on Miami Harbor Entrance, p.168** | | | | | | |
| 3559 | Sunset Cove, Key Largo, Buttonwood Sound <26> | 25° 05.7' | 80° 26.6' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3561 | Hammer Point, Key Largo, Florida Bay <26> | 25° 02.1' | 80° 30.3' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3563 | Tavernier, Key Largo, Florida Bay <26> | 25° 00.9' | 80° 30.9' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3565 | Tavernier Harbor, Hawk Channel | 25° 00.3' | 80° 31.0' | +0 07 | +0 26 | *0.90 | *1.36 | 2.04 | 2.43 | 1.21 |
| 3567 | Tavernier Creek, Hwy. 1 bridge, Hawk Channel | 25° 00.2' | 80° 31.8' | +0 25 | +0 52 | *0.60 | *1.07 | 1.32 | 1.58 | 0.81 |
| 3569 | Plantation Key, northern end, Florida Bay <26> | 25° 00.1' | 80° 32.6' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3571 | Crane Keys, north side, Florida Bay | 25° 00.3' | 80° 37.1' | +2 52 | +4 35 | *0.17 | *0.21 | 0.39 | 0.46 | 0.22 |
| 3573 | East Key, southern end, Florida Bay | 24° 59.8' | 80° 36.6' | +2 43 | +4 06 | *0.22 | *0.14 | 0.52 | 0.62 | 0.28 |
| 3575 | Plantation Key, Hawk Channel | 24° 58.4' | 80° 33.0' | +0 05 | +0 12 | *0.96 | *1.21 | 2.20 | 2.64 | 1.27 |
| 3577 | Yacht Harbor, Cowpens Anchorage, Plantation Key | 24° 57.9' | 80° 34.1' | +2 45 | +4 00 | *0.23 | *0.29 | 0.53 | 0.64 | 0.31 |
| 3579 | Snake Creek, Hwy. 1 bridge, Windley Key | 24° 57.1' | 80° 35.3' | +0 49 | +0 56 | *0.46 | *0.50 | 1.07 | 1.28 | 0.61 |
| 3581 | Snake Creek, USCG Station, Plantation Key | 24° 57.2' | 80° 35.2' | +1 08 | +1 56 | *0.36 | *0.50 | 0.82 | 0.98 | 0.48 |
| 3583 | Whale Harbor, Windley Key, Hawk Channel | 24° 56.4' | 80° 36.5' | +0 07 | +0 51 | *0.65 | *0.36 | 1.56 | 1.87 | 0.83 |
| 3585 | Whale Harbor Channel, Hwy. 1 bridge, Windley Key | 24° 56.3' | 80° 36.6' | +0 16 | +1 00 | *0.59 | *0.71 | 1.36 | 1.63 | 0.78 |
| 3587 | Upper Matecumbe Key, Hawk Channel | 24° 54.9' | 80° 37.9' | +0 34 | +0 49 | *0.87 | *1.21 | 1.98 | 2.38 | 1.16 |
| 3589 | Alligator Reef, Hawk Channel | 24° 51.0' | 80° 37.1' | +0 08 | +0 24 | *0.86 | *1.36 | 1.93 | 2.37 | 1.15 |
| | | | | **on Key West, p.176** | | | | | | |
| 3591 | Flamingo, Florida Bay | 25° 08.5' | 80° 55.4' | +5 28 | +7 20 | *1.47 | *1.08 | 2.02 | 2.52 | 1.27 |
| 3593 | Upper Matecumbe Key, west end, Hawk Channel | 24° 53.8' | 80° 39.5' | −1 00 | +0 14 | *0.98 | *0.33 | 1.44 | 1.80 | 0.80 |
| 3595 | Indian Key, Hawk Channel | 24° 52.6' | 80° 40.6' | −0 58 | −0 35 | *1.30 | *0.71 | 1.84 | 2.30 | 1.09 |
| 3597 | Shell Key Channel, Florida Bay | 24° 54.8' | 80° 39.6' | −0 20 | +0 45 | *0.78 | *0.78 | 1.02 | 1.28 | 0.58 |
| 3599 | Lignumvitae Key, NE side, Florida Bay | 24° 54.2' | 80° 41.7' | +0 09 | +1 31 | *0.52 | *0.52 | 0.68 | 0.85 | 0.37 |
| 3601 | Lignumvitae Key, west side, Florida Bay | 24° 54.0' | 80° 42.3' | +0 32 | +1 54 | *0.47 | *0.47 | 0.62 | 0.74 | 0.35 |
| 3603 | Little Basin, Upper Matecumbe Key, Florida Bay | 24° 54.9' | 80° 38.4' | +0 08 | +1 15 | *0.61 | *0.61 | 0.80 | 1.00 | 0.40 |
| 3605 | Shell Key, northwest side, Lignumvitae Basin | 24° 55.4' | 80° 40.3' | +0 31 | +1 57 | *0.46 | *0.46 | 0.60 | 0.75 | 0.33 |
| 3607 | Islamorada, Upper Matecumbe Key, Florida Bay | 24° 55.5' | 80° 37.9' | +0 39 | +2 07 | *0.37 | *0.37 | 0.49 | 0.57 | 0.30 |
| 3609 | Indian Key Anchorage, Lower Matecumbe Key | 24° 52.1' | 80° 42.2' | −1 25 | −0 54 | *1.38 | *0.88 | 1.89 | 2.34 | 1.16 |
| 3611 | Matecumbe Bight, Lower Matecumbe Key, Fla. Bay | 24° 51.9' | 80° 43.0' | −0 18 | +0 33 | *0.55 | *0.38 | 0.75 | 0.93 | 0.47 |
| 3613 | Matecumbe Harbor, Lower Matecumbe Key, Fla. Bay | 24° 51.1' | 80° 44.4' | −0 25 | +0 23 | *0.59 | *0.33 | 0.83 | 1.04 | 0.50 |
| 3615 | Channel Two, east, Lower Matecumbe Key, Fla. Bay | 24° 50.7' | 80° 44.9' | −0 49 | −0 42 | *0.85 | *0.54 | 1.18 | 1.48 | 0.72 |
| 3617 | Channel Two, west side, Hawk Channel | 24° 50.5' | 80° 45.2' | −1 06 | −0 54 | *1.12 | *0.75 | 1.55 | 1.94 | 0.96 |
| 3619 | Channel Five, east side, Hawk Channel | 24° 50.2' | 80° 46.0' | −0 54 | −0 42 | *0.90 | *0.58 | 1.25 | 1.56 | 0.77 |
| 3621 | Channel Five, west side, Hawk Channel | 24° 50.4' | 80° 46.8' | −0 58 | −0 41 | *1.00 | *0.67 | 1.39 | 1.74 | 0.85 |
| 3623 | Jewfish Hole, Long Key, Florida Bay | 24° 50.3' | 80° 47.9' | −0 11 | +1 32 | *0.42 | *0.38 | 0.56 | 0.70 | 0.37 |
| 3625 | Long Key Bight, Long Key | 24° 49.7' | 80° 48.5' | −0 59 | −0 43 | *1.03 | *0.62 | 1.44 | 1.80 | 0.87 |
| 3627 | Long Key Lake, Long Key | 24° 49.2' | 80° 49.0' | +0 33 | +0 57 | *0.62 | *0.46 | 0.85 | 1.06 | 0.53 |
| 3629 | Long Key, western end | 24° 48.1' | 80° 51.0' | −1 01 | −0 54 | *0.82 | *0.33 | 1.19 | 1.49 | 0.67 |
| 3631 | Conch Key, eastern end | 24° 47.5' | 80° 53.0' | −1 09 | −0 45 | *0.85 | *0.54 | 1.18 | 1.48 | 0.72 |
| 3633 | Toms Harbor Cut | 24° 47.0' | 80° 54.4' | −1 19 | −0 30 | *0.37 | *0.38 | 0.48 | 0.60 | 0.33 |
| 3635 | Toms Harbor, Duck Key <26> | 24° 46.4' | 80° 54.9' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3637 | Duck Key, Hawk Channel | 24° 45.9' | 80° 54.8' | −1 11 | −0 40 | *0.97 | *0.55 | 1.34 | 1.66 | 0.80 |
| 3639 | Toms Harbor Channel, Hwy. 1 bridge | 24° 46.6' | 80° 55.4' | +5 07 | +4 49 | *0.38 | *0.38 | 0.50 | 0.62 | 0.45 |
| 3641 | Grassy Key, north side, Florida Bay | 24° 46.3' | 80° 56.4' | +5 40 | +6 48 | *0.73 | *1.04 | 0.86 | 1.07 | 0.68 |
| 3643 | Grassy Key, south side, Hawk Channel | 24° 45.3' | 80° 57.5' | −0 52 | −0 26 | *1.22 | *0.71 | 1.72 | 2.15 | 1.03 |
| 3645 | Fat Deer Key, Florida Bay | 24° 44.0' | 81° 01.1' | +5 09 | +6 26 | *0.87 | *0.87 | 1.14 | 1.42 | 0.82 |
| 3647 | Vaca Key–Fat Deer Key bridge | 24° 43.8' | 81° 01.8' | −1 11 | −0 36 | *0.95 | *0.71 | 1.31 | 1.64 | 0.83 |
| 3649 | Key Colony Beach | 24° 43.1' | 81° 01.0' | −1 17 | −0 53 | *1.22 | *0.83 | 1.66 | 2.06 | 1.03 |
| 3651 | VACA KEY, USCG STATION, FLORIDA BAY | 24° 42.7' | 81° 06.3' | *Daily predictions, p.172* | | | | 0.72 | 0.97 | 0.51 |
| 3653 | Boot Key Harbor bridge, Boot Key | 24° 42.2' | 81° 06.3' | −1 03 | −0 37 | *1.13 | *0.75 | 1.57 | 1.96 | 0.96 |
| 3655 | Sombrero Key, Hawk Channel | 24° 37.6' | 81° 06.7' | −1 03 | −0 39 | *1.18 | *0.79 | 1.64 | 2.02 | 1.01 |
| 3657 | Knight Key Channel, Knight Key, Florida Bay | 24° 42.4' | 81° 07.5' | −0 02 | −0 18 | *0.54 | *0.50 | 0.72 | 0.90 | 0.48 |
| 3659 | Pigeon Key, south side, Hawk Channel | 24° 42.2' | 81° 09.3' | −0 55 | −0 26 | *0.81 | *0.50 | 1.14 | 1.42 | 0.69 |
| 3661 | Pigeon Key, north side, Florida Bay | 24° 42.3' | 81° 09.4' | −0 10 | +0 45 | *0.46 | *0.46 | 0.60 | 0.75 | 0.44 |
| 3663 | Molasses Key Channel, Molasses Keys | 24° 41.0' | 81° 11.5' | −0 56 | −0 16 | *0.79 | *0.50 | 1.10 | 1.38 | 0.67 |
| 3665 | Money Key | 24° 41.0' | 81° 12.9' | +0 03 | +1 17 | *0.58 | *0.58 | 0.76 | 0.95 | 0.54 |
| 3667 | Little Duck Key, east end, Hawk Channel | 24° 40.9' | 81° 13.7' | −0 49 | +0 05 | *0.67 | *0.67 | 0.88 | 1.10 | 0.60 |
| 3669 | East Bahia Honda Key, south end, Florida Bay | 24° 46.5' | 81° 13.6' | +4 04 | +2 49 | *0.69 | *0.69 | 0.90 | 1.12 | 0.77 |
| 3671 | Cocoanut Key, Florida Bay | 24° 44.7' | 81° 14.2' | +3 52 | +2 50 | *0.55 | *0.55 | 0.72 | 0.90 | 0.66 |
| 3673 | West Bahia Honda Key | 24° 46.8' | 81° 16.3' | +3 59 | +4 01 | *0.97 | *1.00 | 1.27 | 1.59 | 0.88 |
| 3675 | Horseshoe Keys, south end | 24° 46.0' | 81° 17.0' | +3 54 | +3 09 | *0.86 | *1.00 | 1.09 | 1.36 | 0.79 |
| 3677 | Johnson Keys, south end | 24° 44.6' | 81° 18.0' | +3 36 | +2 33 | *0.72 | *0.96 | 0.88 | 1.10 | 0.67 |
| 3679 | Johnson Keys, north end | 24° 46.0' | 81° 19.4' | +3 35 | +4 22 | *1.31 | *1.38 | 1.70 | 2.12 | 1.18 |
| 3681 | Missouri Key–Little Duck Key Channel | 24° 40.8' | 81° 14.1' | −0 52 | +0 36 | *0.70 | *0.46 | 0.98 | 1.22 | 0.60 |
| 3683 | Missouri Key–Ohio Key Channel, west side | 24° 40.4' | 81° 14.6' | −0 47 | −0 22 | *0.77 | *0.50 | 1.08 | 1.35 | 0.66 |
| 3685 | Ohio Key–Bahia Honda Key Channel, west side | 24° 40.2' | 81° 15.1' | −0 57 | −0 14 | *0.81 | *0.62 | 1.10 | 1.38 | 0.70 |
| 3687 | Bahia Honda Key, Bahia Honda Channel | 24° 39.3' | 81° 16.9' | −0 46 | −0 28 | *0.86 | *0.63 | 1.16 | 1.44 | 0.73 |
| 3689 | Big Pine Key, Spanish Harbor | 24° 38.9' | 81° 19.8' | −0 44 | −0 03 | *0.75 | *0.42 | 1.07 | 1.34 | 0.64 |
| 3691 | Big Pine Key, Doctors Arm, Bogie Channel | 24° 41.4' | 81° 21.4' | +0 41 | +1 47 | *0.63 | *0.71 | 0.80 | 1.00 | 0.57 |
| 3693 | Big Pine Key, Bogie Channel Bridge | 24° 41.9' | 81° 20.9' | +2 10 | +2 11 | *0.65 | *0.83 | 0.80 | 1.00 | 0.60 |
| 3695 | No Name Key, east side, Bahia Honda Channel | 24° 41.9' | 81° 19.1' | +1 35 | +1 33 | *0.58 | *0.83 | 0.70 | 0.88 | 0.55 |
| 3697 | Little Pine Key, south end | 24° 42.8' | 81° 18.2' | +1 07 | +1 07 | *0.56 | *0.79 | 0.68 | 0.85 | 0.53 |
| 3699 | Porpoise Key, Big Spanish Channel | 24° 43.1' | 81° 21.1' | +3 23 | +2 29 | *0.72 | *1.00 | 0.88 | 1.10 | 0.68 |
| 3701 | Water Key, west end, Big Spanish Channel | 24° 44.4' | 81° 20.5' | +3 23 | +2 37 | *0.81 | *1.04 | 1.00 | 1.25 | 0.75 |
| 3703 | Mayo Key, Big Spanish Channel | 24° 44.0' | 81° 21.7' | +3 35 | +3 01 | *0.92 | *1.08 | 1.17 | 1.46 | 0.85 |
| 3705 | Little Pine Key, north end | 24° 45.0' | 81° 19.7' | +3 38 | +3 28 | *1.05 | *1.21 | 1.33 | 1.66 | 0.96 |
| 3707 | Big Pine Key, northeast shore | 24° 43.7' | 81° 23.2' | +3 19 | +2 30 | *0.86 | *1.08 | 1.08 | 1.35 | 0.80 |
| 3709 | Crawl Key, Big Spanish Channel | 24° 45.4' | 81° 21.5' | +3 34 | +4 13 | *1.33 | *1.33 | 1.74 | 2.18 | 1.19 |
| 3711 | Big Pine Key, north end | 24° 44.7' | 81° 23.7' | +4 24 | +5 56 | *0.96 | *0.83 | 1.29 | 1.61 | 0.85 |
| 3713 | Annette Key, north end, Big Spanish Channel | 24° 45.5' | 81° 23.4' | +3 30 | +4 33 | *1.44 | *1.29 | 1.92 | 2.40 | 1.27 |
| 3715 | Little Spanish Key, Spanish Banks | 24° 46.5' | 81° 22.2' | +3 25 | +4 30 | *1.74 | *1.62 | 2.30 | 2.88 | 1.54 |
| 3717 | Big Spanish Key | 24° 47.3' | 81° 24.7' | +3 19 | +4 29 | *1.97 | *1.50 | 2.69 | 3.36 | 1.71 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **North** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | FLORIDA<br>Florida Keys–cont.<br>Time meridian, 75° W | | | | **on Key West, p.176** | | | | | |
| 3719 | Munson Island, Newfound Harbor Channel | 24° 37.4' | 81° 24.2' | −0 40 | −0 12 | *0.98 | *0.67 | 1.36 | 1.70 | 0.84 |
| 3721 | Ramrod Key, Newfound Harbor | 24° 39.0' | 81° 24.2' | −0 41 | +0 05 | *0.90 | *0.50 | 1.28 | 1.60 | 0.76 |
| 3723 | Middle Torch Key, Torch Ramrod Channel | 24° 39.7' | 81° 24.1' | −0 16 | +1 29 | *0.69 | *0.38 | 0.98 | 1.22 | 0.58 |
| 3725 | Little Torch Key, Torch Channel | 24° 39.9' | 81° 23.7' | +0 11 | +1 45 | *0.57 | *0.33 | 0.80 | 1.00 | 0.48 |
| 3727 | Big Pine Key, Newfound Harbor Channel | 24° 39.1' | 81° 22.5' | −0 09 | +0 44 | *0.82 | *0.46 | 1.16 | 1.45 | 0.69 |
| 3729 | Big Pine Key, Coupon Bight | 24° 39.1' | 81° 21.0' | −0 20 | +0 49 | *0.87 | *0.50 | 1.19 | 1.48 | 0.72 |
| 3731 | Little Torch Key, Pine Channel Bridge, south side | 24° 39.9' | 81° 23.3' | −0 15 | +0 57 | *0.68 | *0.33 | 0.97 | 1.21 | 0.56 |
| 3733 | Little Torch Key, Pine Channel Bridge, south side | 24° 39.9' | 81° 23.2' | −0 13 | +0 54 | *0.69 | *0.38 | 0.98 | 1.22 | 0.58 |
| 3735 | Big Pine Key, Pine Channel Bridge, south side | 24° 40.1' | 81° 22.3' | −0 13 | +1 03 | *0.67 | *0.33 | 0.96 | 1.20 | 0.56 |
| 3737 | Big Pine Key, Pine Channel Bridge, north side | 24° 40.2' | 81° 22.1' | +0 03 | +1 43 | *0.57 | *0.33 | 0.79 | 0.98 | 0.47 |
| 3739 | Big Pine Key, west side, Pine Channel | 24° 41.4' | 81° 23.0' | +0 21 | +1 52 | *0.52 | *0.42 | 0.71 | 0.89 | 0.45 |
| 3741 | Howe Key, south end, Harbor Channel | 24° 43.5' | 81° 24.4' | +4 43 | +4 49 | *0.72 | *0.62 | 0.96 | 1.20 | 0.63 |
| 3743 | Big Torch Key, Harbor Channel | 24° 44.3' | 81° 26.6' | +3 47 | +5 51 | *1.58 | *1.29 | 2.14 | 2.68 | 1.38 |
| 3745 | Water Keys, south end, Harbor Channel | 24° 44.8' | 81° 27.0' | +3 42 | +5 41 | *1.52 | *1.00 | 2.11 | 2.64 | 1.29 |
| 3747 | Howe Key, northwest end | 24° 45.5' | 81° 25.7' | +3 29 | +5 22 | *1.68 | *1.33 | 2.28 | 2.85 | 1.46 |
| 3749 | Summerland Key, Niles Channel South | 24° 39.1' | 81° 26.1' | −0 36 | +0 11 | *0.85 | *0.71 | 1.14 | 1.42 | 0.74 |
| 3751 | Summerland Key, Niles Channel Bridge | 24° 39.6' | 81° 26.2' | −0 10 | +0 56 | *0.67 | *0.58 | 0.90 | 1.12 | 0.59 |
| 3753 | Ramrod Key, Niles Channel Bridge | 24° 39.6' | 81° 25.4' | −0 13 | +1 12 | *0.67 | *0.46 | 0.93 | 1.16 | 0.58 |
| 3755 | Big Torch Key, Niles Channel | 24° 42.3' | 81° 26.0' | +3 15 | +2 05 | *0.61 | *0.71 | 0.77 | 0.96 | 0.56 |
| 3757 | Knockemdown Key, north end | 24° 42.9' | 81° 28.7' | +3 30 | +4 54 | *1.35 | *1.21 | 1.80 | 2.25 | 1.19 |
| 3759 | Raccoon Key, east side | 24° 44.5' | 81° 29.0' | +3 20 | +5 09 | *1.50 | *1.21 | 2.04 | 2.55 | 1.31 |
| 3761 | Content Keys, Content Passage | 24° 47.4' | 81° 29.0' | +2 46 | +3 49 | *2.13 | *1.83 | 2.79 | 3.46 | 1.84 |
| 3763 | Key Lois, southeast end | 24° 36.4' | 81° 28.2' | −1 15 | −0 45 | *1.06 | *0.75 | 1.46 | 1.82 | 0.91 |
| 3765 | Sugarloaf Key, east side, Tarpon Creek | 24° 37.7' | 81° 30.6' | −0 41 | +0 15 | *0.89 | *0.58 | 1.24 | 1.55 | 0.76 |
| 3767 | Gopher Key, Cudjoe Bay | 24° 38.5' | 81° 29.1' | −0 46 | +0 17 | *0.90 | *0.71 | 1.22 | 1.52 | 0.78 |
| 3769 | Sugarloaf Key, Pirates Cove | 24° 39.2' | 81° 30.9' | −0 48 | +1 41 | *0.59 | *0.75 | 0.74 | 0.92 | 0.55 |
| 3771 | Cudjoe Key, Cudjoe Bay | 24° 39.6' | 81° 29.5' | −0 38 | +0 41 | *0.87 | *0.71 | 1.18 | 1.48 | 0.76 |
| 3773 | Summerland Key, southwest side, Kemp Channel | 24° 39.0' | 81° 26.8' | −0 26 | +0 50 | *0.81 | *0.54 | 1.12 | 1.40 | 0.69 |
| 3775 | Cudjoe Key, Kemp Channel Bridge | 24° 39.7' | 81° 28.1' | – – – | – – – | *0.59 | *0.50 | 0.79 | 0.99 | 0.52 |
| 3777 | Cudjoe Key, northeast side, Kemp Channel | 24° 41.2' | 81° 29.0' | +3 45 | – – – | – – – | – – – | – – | – – | – – |
| 3779 | Cudjoe Key, north end, Kemp Channel | 24° 42.0' | 81° 30.3' | +3 33 | +4 40 | *1.61 | *1.46 | 2.10 | 2.60 | 1.41 |
| 3781 | Sugarloaf Key, northeast side, Bow Channel | 24° 40.3' | 81° 32.0' | +3 47 | +3 24 | *1.01 | *0.71 | 1.40 | 1.75 | 0.87 |
| 3783 | Cudjoe Key, Pirates Cove | 24° 39.7' | 81° 30.9' | +3 50 | +2 54 | *0.77 | *0.79 | 0.98 | 1.21 | 0.68 |
| 3785 | Sugarloaf Key, north end, Bow Channel | 24° 41.6' | 81° 33.3' | +3 37 | +5 20 | *1.29 | *0.75 | 1.82 | 2.28 | 1.09 |
| 3787 | Pumpkin Key, Bow Channel | 24° 43.0' | 81° 33.7' | +3 17 | +4 39 | *1.56 | *1.17 | 2.14 | 2.68 | 1.35 |
| 3789 | Sawyer Key, outside, Cudjoe Channel | 24° 45.5' | 81° 33.7' | +2 45 | +5 24 | *1.57 | *0.50 | 2.32 | 2.90 | 1.28 |
| 3791 | Sawyer Key, inside, Cudjoe Channel | 24° 45.5' | 81° 33.7' | +2 37 | +5 19 | *1.43 | *0.50 | 2.10 | 2.62 | 1.17 |
| 3793 | Johnston Key, southwest end, Turkey Basin | 24° 42.6' | 81° 35.6' | +3 26 | +5 38 | *1.10 | *0.50 | 1.59 | 1.99 | 0.92 |
| | *Upper Sugarloaf Sound* | | | | | | | | | |
| 3795 | Perky | 24° 38.9' | 81° 34.2' | +5 37 | +8 25 | *0.28 | *0.08 | 0.42 | 0.52 | 0.23 |
| 3797 | Park Channel Bridge | 24° 39.3' | 81° 32.4' | +5 47 | +8 33 | *0.26 | *0.29 | 0.34 | 0.42 | 0.24 |
| 3799 | North Harris Channel | 24° 39.0' | 81° 33.2' | +5 32 | +8 04 | *0.25 | *0.25 | 0.33 | 0.41 | 0.22 |
| 3801 | Sugarloaf Shores East <26> | 24° 38.6' | 81° 33.6' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3803 | Tarpon Creek | 24° 37.8' | 81° 31.0' | −0 29 | +0 17 | *0.35 | *0.38 | 0.46 | 0.58 | 0.32 |
| | *Lower Sugarloaf Sound <27>* | | | | | | | | | |
| 3805 | Sugarloaf Shores <27> | 24° 38.0' | 81° 33.1' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3807 | Sugarloaf Beach <27> | 24° 36.4' | 81° 34.0' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3809 | Sugarloaf Shores North <27> | 24° 38.4' | 81° 34.2' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3811 | Saddlebunch Keys, south end <27> | 24° 36.1' | 81° 34.9' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3813 | Lower Sugarloaf Channel Bridge <27> | 24° 38.0' | 81° 35.2' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3815 | Saddlebunch Keys, Channel No. 2 <27> | 24° 37.6' | 81° 35.9' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3817 | Saddlebunch Keys <27> | 24° 37.1' | 81° 36.1' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3819 | Snipe Keys, southeast end, Inner Narrows | 24° 39.5' | 81° 36.5' | +3 25 | +5 39 | *1.28 | *0.83 | 1.79 | 2.24 | 1.10 |
| 3821 | Snipe Keys, Middle Narrows | 24° 40.0' | 81° 37.8' | +3 44 | +5 54 | *1.02 | *0.67 | 1.42 | 1.78 | 0.87 |
| 3823 | Snipe Keys, Snipe Point | 24° 41.5' | 81° 40.4' | +2 15 | +3 33 | *1.69 | *1.29 | 2.31 | 2.89 | 1.47 |
| 3825 | Waltz Key, Waltz Key Basin | 24° 38.8' | 81° 39.2' | +3 53 | +5 33 | *1.03 | *0.96 | 1.36 | 1.70 | 0.91 |
| 3827 | Duck Key Point, Duck Key, Waltz Key Basin | 24° 37.4' | 81° 41.1' | +3 27 | +4 57 | *1.19 | *0.96 | 1.61 | 2.01 | 1.03 |
| 3829 | O'Hara Key, north end, Waltz Key Basin | 24° 37.0' | 81° 38.7' | +3 53 | +5 39 | *1.03 | *0.83 | 1.40 | 1.75 | 0.90 |
| 3831 | Saddlebunch Keys, Channel No. 5 | 24° 36.7' | 81° 37.5' | +4 32 | +6 58 | *0.66 | *1.12 | 0.76 | 0.95 | 0.65 |
| 3833 | Saddlebunch Keys, Channel No. 4 | 24° 36.9' | 81° 37.0' | +4 35 | +5 36 | *0.54 | *0.29 | 0.76 | 0.95 | 0.45 |
| 3835 | Saddlebunch Keys, Channel No. 3 | 24° 37.4' | 81° 36.2' | +1 44 | −0 10 | *0.43 | *0.21 | 0.62 | 0.78 | 0.36 |
| 3837 | Bird Key, Similar Sound | 24° 35.3' | 81° 38.3' | −0 21 | +1 03 | *0.59 | *0.42 | 0.82 | 1.02 | 0.51 |
| 3839 | Shark Key, southeast end, Similar Sound | 24° 36.2' | 81° 38.7' | +0 18 | +1 51 | *0.52 | *0.46 | 0.70 | 0.88 | 0.46 |
| 3841 | Saddlebunch Keys, Similar Sound | 24° 36.0' | 81° 37.3' | +0 39 | +2 41 | *0.37 | *0.21 | 0.52 | 0.65 | 0.31 |
| 3843 | Geiger Key, inside <26> | 24° 35.0' | 81° 39.3' | – – – | – – – | – – – | – – – | – – | – – | – – |
| 3845 | Big Coppitt Key, northeast side, Waltz Key Basin | 24° 36.1' | 81° 39.3' | +4 21 | +6 54 | *0.84 | *0.33 | 1.22 | 1.52 | 0.69 |
| 3847 | Rockland Key, Rockland Channel Bridge | 24° 35.5' | 81° 40.1' | +5 02 | +6 06 | *0.76 | *0.88 | 0.97 | 1.21 | 0.69 |
| 3849 | Boca Chica Key, Long Point | 24° 36.2' | 81° 41.9' | +3 54 | +5 22 | *0.94 | *0.71 | 1.28 | 1.60 | 0.81 |
| 3851 | Channel Key, west side | 24° 36.2' | 81° 43.5' | +3 09 | +3 07 | *0.70 | *0.71 | 0.91 | 1.14 | 0.62 |
| 3853 | Boca Chica Marina | 24° 34.5' | 81° 42.5' | +0 20 | +1 11 | *0.66 | *0.71 | 0.83 | 1.03 | 0.58 |
| 3855 | Boca Chica Key, Southwest end | 24° 33.8' | 81° 42.8' | −0 14 | +0 16 | *0.66 | *0.63 | 0.87 | 1.08 | 0.58 |
| 3857 | Boca Chica Channel Bridge | 24° 34.6' | 81° 43.2' | +1 23 | +1 29 | *0.57 | *0.67 | 0.72 | 0.90 | 0.52 |
| 3859 | Key Haven – Stock Island Channel | 24° 34.8' | 81° 44.3' | +2 25 | +2 57 | *0.73 | *0.79 | 0.94 | 1.18 | 0.66 |
| 3861 | Cow Key Channel | 24° 34.2' | 81° 45.0' | +1 55 | +2 05 | *0.65 | *0.71 | 0.82 | 1.01 | 0.58 |
| 3863 | Sigsbee Park, Garrison Bight Channel | 24° 35.1' | 81° 46.5' | +1 59 | +2 06 | *0.81 | *0.88 | 1.04 | 1.30 | 0.73 |
| 3865 | Fleming Key, north end | 24° 35.5' | 81° 47.7' | +1 38 | +1 54 | *0.79 | *0.79 | 1.01 | 1.25 | 0.69 |
| 3867 | Key West, south side, White Street Pier | 24° 32.7' | 81° 47.0' | −0 53 | −0 31 | *1.07 | *0.92 | 1.41 | 1.75 | 0.92 |
| 3869 | KEY WEST | 24° 33.2' | 81° 48.5' | | *Daily predictions* | | | 1.28 | 1.65 | 0.88 |
| 3871 | Sand Key Lighthouse, Sand Key Channel | 24° 27.2' | 81° 52.6' | −0 43 | −0 32 | *0.95 | *0.88 | 1.23 | 1.53 | 0.83 |
| 3873 | Garden Key, Dry Tortugas | 24° 37.6' | 82° 52.3' | +0 29 | +0 33 | *0.94 | *1.33 | 1.14 | 1.42 | 0.89 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Diurnal | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | FLORIDA<br>Gulf Coast<br>Time meridian, 75° W | | | | **on Naples, p. 180** | | | | | |
| 3875 | Cape Sable, East Cape | 25° 07' | 81° 05' | +1 33 | +1 50 | *1.30 | *0.98 | 2.9 | 3.8 | 2.0 |
| 3877 | Shark River entrance | 25° 21' | 81° 08' | +0 57 | +1 45 | *1.43 | *0.98 | 3.6 | 4.5 | 2.4 |
| 3879 | Whitewater Bay | 25° 19' | 81° 02' | +3 53 | +4 38 | *0.26 | *0.33 | 0.5 | 0.8 | 0.4 |
| 3881 | Lostmans River entrance | 25° 33' | 81° 13' | +1 09 | +1 59 | *1.33 | *0.98 | 3.0 | 3.9 | 2.1 |
| 3883 | Onion Key, Lostmans River | 25° 37' | 81° 08' | +3 09 | +4 53 | *0.26 | *0.16 | 0.6 | 0.9 | 0.4 |
| 3885 | Chatham River entrance | 25° 41' | 81° 17' | +0 59 | +1 53 | *1.43 | *0.66 | 3.3 | 4.2 | 2.1 |
| 3887 | Chokoloskee | 25° 48.8' | 81° 21.8' | +2 15 | +3 14 | *1.11 | *0.62 | 2.53 | 3.18 | 1.63 |
| 3889 | Everglades City, Barron River | 25° 51.5' | 81° 23.2' | +2 25 | +3 26 | *0.99 | *0.57 | 2.26 | 2.84 | 1.47 |
| 3891 | Indian Key | 25° 48' | 81° 28' | +0 55 | +1 19 | *1.48 | *0.98 | 3.4 | 4.3 | 2.3 |
| 3893 | Round Key | 25° 50' | 81° 32' | +0 54 | +1 12 | *1.48 | *0.98 | 3.4 | 4.3 | 2.3 |
| 3895 | Pumpkin Bay | 25° 55' | 81° 33' | +2 39 | +3 07 | *0.89 | *0.49 | 2.1 | 2.7 | 1.3 |
| 3897 | Marco Island, Caxambas Pass | 25° 54.5' | 81° 43.7' | +0 25 | +0 18 | *1.07 | *0.98 | 2.22 | 3.05 | 1.70 |
| 3899 | Coon Key | 25° 54' | 81° 38' | +1 15 | +1 31 | *1.19 | *0.98 | 2.6 | 3.5 | 1.9 |
| 3901 | Cape Romano | 25° 51' | 81° 41' | +0 43 | +1 04 | *1.19 | *0.98 | 2.6 | 3.5 | 1.9 |
| 3903 | Marco, Big Marco River | 25° 58.3' | 81° 43.7' | +1 00 | +0 46 | *0.98 | *0.85 | 2.04 | 2.78 | 1.53 |
| 3905 | Naples, Naples Bay, north end | 26° 08.2' | 81° 47.3' | +0 43 | +0 56 | *0.97 | *0.90 | 2.06 | 2.85 | 1.58 |
| 3907 | NAPLES (outer coast) | 26° 07.8' | 81° 48.4' | | *Daily Predictions* | | | 2.01 | 2.87 | 1.61 |
| 3909 | Wiggins Pass, Cocohatchee River | 26° 17.4' | 81° 49.1' | +0 44 | +0 59 | *0.77 | *0.73 | 1.59 | 2.26 | 1.23 |
| 3911 | Cocohatchee River, U.S. 41 bridge | 26° 16.9' | 81° 48.1' | +1 10 | +1 28 | *0.74 | *0.65 | 1.54 | 2.18 | 1.17 |
| | | | | | **on St. Petersburg, p.184** | | | | | |
| | *Estero Bay* | | | | | | | | | |
| 3913 | Little Hickory Island | 26° 21' | 81° 51' | −0 58 | −1 05 | *1.09 | *1.09 | – – | 2.5 | 1.3 |
| 3915 | Coconut Point | 26° 24' | 81° 50' | −0 47 | −0 40 | *1.17 | *1.17 | – – | 2.7 | 1.3 |
| 3917 | Carlos Point | 26° 24' | 81° 53' | −1 08 | −1 28 | *1.17 | *1.17 | – – | 2.7 | 1.4 |
| 3919 | Estero River | 26° 25.8' | 81° 51.4' | −0 45 | −0 10 | *1.09 | *1.11 | 1.74 | 2.45 | 1.29 |
| 3921 | Matanzas Pass (fixed bridge) Estero Island | 26° 27' | 81° 57' | −1 10 | −1 34 | *1.22 | *1.22 | – – | 2.8 | 1.4 |
| 3923 | Point Ybel, San Carlos Bay entrance | 26° 27' | 82° 01' | −1 50 | −1 12 | *1.21 | *1.21 | – – | 2.6 | 1.4 |
| 3925 | Punta Rassa, San Carlos Bay | 26° 29' | 82° 01' | −1 01 | −1 19 | *1.04 | *1.04 | – – | 2.4 | 1.2 |
| | *Caloosahatchee River* | | | | | | | | | |
| 3927 | Iona Shores | 26° 31' | 81° 58' | +1 08 | +1 40 | *0.43 | *0.43 | – – | 1.0 | 0.5 |
| 3929 | Cape Coral Bridge | 26° 34' | 81° 56' | +1 15 | +2 02 | *0.43 | *0.43 | – – | 1.0 | 0.5 |
| 3931 | Fort Myers | 26° 38.8' | 81° 52.3' | +1 56 | +2 23 | *0.56 | *0.39 | 0.95 | 1.32 | 0.63 |
| 3933 | St. James City, Pine Island | 26° 30' | 82° 05' | −0 30 | −0 44 | *1.04 | *1.04 | – – | 2.4 | 1.2 |
| 3935 | Galt Island, Pine Island Sound | 26° 31' | 82° 06' | −0 25 | +0 16 | *0.91 | *0.91 | – – | 2.1 | 1.1 |
| 3937 | Captiva Island (outside) | 26° 29' | 82° 11' | −2 20 | −2 28 | *1.13 | *1.13 | – – | 2.6 | 1.3 |
| 3939 | Captiva Island, Pine Island Sound | 26° 31' | 82° 11' | −0 46 | −0 20 | *0.91 | *0.91 | – – | 2.1 | 1.1 |
| 3941 | Redfish Pass, Captiva Island (north end) | 26° 33' | 82° 12' | −0 55 | −1 14 | *0.91 | *0.91 | – – | 2.1 | 1.0 |
| 3943 | Tropical Homesites Landing, Pine Island | 26° 33' | 82° 05' | −0 08 | +0 22 | *0.87 | *0.87 | – – | 2.0 | 1.0 |
| 3945 | Matlacha Pass (bascule bridge) | 26° 38' | 82° 04' | +0 43 | +1 28 | *0.83 | *0.83 | – – | 1.9 | 1.0 |
| 3947 | Pineland, Pine Island | 26° 40' | 82° 09' | −0 19 | +0 26 | *0.83 | *0.83 | – – | 1.9 | 0.9 |
| 3949 | Port Boca Grande, Charlotte Harbor | 26° 43' | 82° 15' | −1 12 | −1 56 | *0.74 | *0.74 | – – | 1.7 | 0.9 |
| 3951 | Punta Gorda, Charlotte Harbor | 26° 56' | 82° 04' | +1 06 | +1 27 | *0.83 | *0.83 | – – | 1.9 | 1.0 |
| 3953 | Shell Point, Peace River, Charlotte Harbor | 26° 59' | 82° 00' | +1 52 | +2 30 | *0.91 | *0.91 | – – | 2.1 | 1.1 |
| 3955 | El Jobean, Myakka River | 26° 58' | 82° 13' | +1 38 | +1 56 | *0.83 | *0.83 | – – | 1.9 | 1.0 |
| 3957 | Placida, Gasparilla Sound | 26° 50' | 82° 16' | −1 27 | −0 59 | *0.70 | *0.70 | – – | 1.6 | 0.8 |
| 3959 | Englewood, Lemon Bay | 26° 56.0' | 82° 21.2' | −0 17 | −0 17 | *0.66 | *0.82 | 1.00 | 1.57 | 0.81 |
| 3961 | Venice Inlet (inside) | 27° 07' | 82° 28' | −2 02 | −1 38 | *0.91 | *0.91 | – – | 2.1 | 1.1 |
| 3963 | Sarasota, Sarasota Bay | 27° 20' | 82° 33' | −1 38 | −0 58 | *0.91 | *0.91 | – – | 2.1 | 1.1 |
| 3965 | Cortez, Sarasota Bay | 27° 28' | 82° 41' | −2 00 | −1 25 | *0.96 | *0.96 | – – | 2.2 | 1.1 |
| | Tampa Bay | | | | | | | | | |
| 3967 | Egmont Key, Egmont Channel | 27° 36.1' | 82° 45.6' | −2 15 | −3 20 | *0.96 | *1.00 | – – | 2.16 | 1.14 |
| 3969 | Anna Maria Key, Bradenton Beach | 27° 29.8' | 82° 42.8' | −2 53 | −2 46 | *1.02 | *1.02 | – – | 2.28 | 1.14 |
| 3971 | Anna Maria Key, city pier | 27° 32.0' | 82° 43.8' | −2 10 | −2 19 | *0.99 | *0.99 | – – | 2.22 | 1.11 |
| 3973 | Bradenton, Manatee River | 27° 30' | 82° 34' | −1 24 | −0 55 | *0.97 | *0.95 | – – | 2.3 | 1.2 |
| 3975 | Redfish Point, Manatee River | 27° 32' | 82° 29' | −0 30 | +0 14 | *0.92 | *1.00 | – – | 2.2 | 1.1 |
| 3977 | Mullet Key Channel (Skyway) | 27° 36.9' | 82° 43.6' | −2 03 | −2 01 | *0.92 | *0.92 | 1.48 | 2.08 | 1.09 |
| 3979 | Port Manatee | 27° 38.2' | 82° 33.8' | −1 00 | −0 48 | *0.97 | *0.95 | 1.56 | 2.19 | 1.14 |
| 3981 | Shell Point | 27° 43' | 82° 29' | +0 08 | +0 17 | *0.91 | *0.91 | – – | 2.3 | 1.2 |
| 3983 | Point Pinellas | 27° 42' | 82° 38' | −0 22 | −0 29 | *0.86 | *0.86 | – – | 2.0 | 1.0 |
| 3985 | ST. PETERSBURG | 27° 46.4' | 82° 37.3' | | *Daily predictions* | | | 1.59 | 2.26 | 1.18 |
| 3987 | Ballast Point | 27° 53.4' | 82° 28.8' | +0 20 | +0 22 | *1.22 | *1.13 | – – | 2.0 | 1.4 |
| 3989 | Pendola Point, Hillsborough Bay | 27° 53.9' | 82° 25.6' | +0 21 | +0 05 | *1.14 | *1.18 | 1.81 | 2.61 | 1.36 |
| 3991 | Davis Island, Hillsborough Bay | 27° 54.5' | 82° 27.1' | +0 03 | +0 32 | *1.16 | *1.24 | 1.82 | 2.63 | 1.38 |
| 3993 | McKay Bay entrance | 27° 54.8' | 82° 25.5' | +0 02 | +0 28 | *1.19 | *1.26 | 1.89 | 2.69 | 1.42 |
| 3995 | Old Port Tampa | 27° 51.5' | 82° 33.2' | +0 25 | +0 39 | *1.10 | *1.18 | 1.73 | 2.48 | 1.31 |
| 3997 | Gandy Bridge, Old Tampa Bay | 27° 53.6' | 82° 32.3' | +0 59 | +0 57 | *1.12 | *1.24 | 1.75 | 2.55 | 1.35 |
| 3999 | Bay Aristocrat Village, Old Tampa Bay | 27° 56.5' | 82° 43.2' | +1 01 | +1 32 | *1.24 | *1.37 | 1.95 | 2.81 | 1.49 |
| 4001 | Safety Harbor, Old Tampa Bay | 27° 59.3' | 82° 41.1' | +1 32 | +1 34 | *1.23 | *1.39 | 1.91 | 2.79 | 1.48 |
| 4003 | Mobbly Bayou | 28° 01.3' | 82° 39.3' | +2 38 | +2 54 | *0.71 | *0.45 | 1.24 | 1.77 | 0.79 |
| | *Boca Ciega Bay* | | | | | | | | | |
| 4005 | Pass–a–Grille Beach | 27° 41' | 82° 44' | −1 34 | −1 30 | *0.87 | *0.87 | – – | 2.1 | 1.0 |
| 4007 | Gulfport | 27° 44' | 82° 42' | −1 32 | −1 05 | *0.96 | *0.96 | – – | 2.3 | 1.2 |
| 4009 | Long Key, 0.5mi N. of Corey Causeway | 27° 44.7' | 82° 44.8' | −1 18 | −0 44 | *0.92 | *1.00 | – – | 2.2 | 1.1 |
| 4011 | Johns Pass | 27° 47' | 82° 47' | −2 14 | −2 04 | *0.97 | *1.02 | – – | 2.3 | 1.2 |
| 4013 | Madeira Beach Causeway | 27° 48.5' | 82° 47.7' | −1 32 | −1 45 | *1.08 | *1.18 | – – | 2.42 | 1.29 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Diurnal | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | FLORIDA<br>Gulf Coast–cont.<br>Time meridian, 75° W | | | | **on Cedar Key, p.188** | | | | | |
| 4015 | Indian Rocks Beach (inside) | 27° 52' | 82° 51' | −0 57 | −0 53 | *0.65 | *0.63 | 1.8 | 2.6 | 1.3 |
| 4017 | Clearwater | 27° 57' | 82° 48' | −1 48 | −1 35 | *0.65 | *0.63 | 1.8 | 2.6 | 1.3 |
| 4019 | Clearwater Beach | 27° 58.7' | 82° 49.9' | −2 07 | −2 19 | *0.69 | *0.84 | 1.87 | 2.74 | 1.46 |
| 4021 | Dunedin, St. Joseph Sound | 28° 01' | 82° 48' | −1 50 | −1 45 | *0.70 | *0.79 | 1.9 | 2.8 | 1.4 |
| 4023 | Anclote Key, southern end | 28° 09.9' | 82° 50.6' | −1 53 | −1 50 | *0.81 | *0.65 | 2.35 | 3.04 | 1.59 |
| 4025 | Anclote, Anclote River | 28° 10.3' | 82° 47.1' | −1 28 | −1 24 | *0.78 | *0.87 | 2.16 | 3.07 | 1.63 |
| 4027 | Tarpon Springs, Anclote River | 28° 09.6' | 82° 46.1' | −1 16 | −1 03 | *0.77 | *0.83 | 2.10 | 3.00 | 1.57 |
| 4029 | North Anclote Key | 28° 12.6' | 82° 50.4' | −1 55 | −1 38 | *0.80 | *0.86 | 2.20 | 3.11 | 1.64 |
| 4031 | Gulf Harbors | 28° 14.6' | 82° 45.8' | −1 15 | −0 52 | *0.84 | *0.90 | 2.30 | 3.26 | 1.72 |
| 4033 | Hwy. 19 bridge, Pithlachascotee River | 28° 16.1' | 82° 43.6' | −1 16 | −0 40 | *0.85 | *0.84 | 2.36 | 3.27 | 1.71 |
| 4035 | New Port Richey, Pithlachascotee River | 28° 14.9' | 82° 43.4' | −0 58 | −0 11 | *0.88 | *0.87 | 2.44 | 3.40 | 1.77 |
| 4037 | Hudson, Hudson Creek | 28° 21.7' | 82° 42.6' | −1 12 | −1 02 | *0.91 | *0.89 | 2.53 | 3.48 | 1.82 |
| 4039 | Aripeka, Hammock Creek | 28° 26.0' | 82° 40.1' | −0 37 | +0 23 | *0.81 | *0.63 | 2.37 | 3.15 | 1.58 |
| 4041 | Hernando Beach, Rocky Creek, Little Pine I. Bay | 28° 29.2' | 82° 39.7' | −0 20 | +0 58 | *0.83 | *0.83 | 2.16 | – – | – – |
| 4043 | Bayport | 28° 32.0' | 82° 39.0' | −0 03 | +0 36 | *0.84 | *0.78 | 2.36 | 3.28 | 1.67 |
| 4045 | Johns Island, Chassahowitzka Bay | 28° 41.5' | 82° 38.3' | +1 09 | +2 14 | *0.62 | *0.49 | 1.81 | 2.53 | 1.22 |
| 4047 | Chassahowitzka, Chassahowitzka River | 28° 42.9' | 82° 34.6' | +3 59 | +5 45 | *0.14 | *0.16 | 0.39 | 0.60 | 0.30 |
| 4049 | Mason Creek, Homosassa Bay | 28° 45.7' | 82° 38.3' | +3 09 | +4 44 | *0.32 | *0.25 | 0.96 | 1.35 | 0.64 |
| 4051 | Tuckers Island, Homosassa River | 28° 46.3' | 82° 41.7' | +1 26 | +2 23 | *0.47 | *0.33 | 1.38 | 1.92 | 0.90 |
| 4053 | Halls River bridge, Homosassa River | 28° 48.0' | 82° 36.2' | +4 30 | +5 41 | *0.16 | *0.13 | 0.45 | 0.72 | 0.30 |
| 4055 | Ozello, St. Martins River | 28° 49.5' | 82° 39.5' | +4 25 | +5 21 | *0.17 | *0.14 | 0.49 | 0.74 | 0.33 |
| 4057 | Mangrove Pt., Crystal Bay | 28° 52.2' | 82° 43.4' | +0 22 | +0 41 | *0.95 | *0.76 | 2.82 | 3.65 | 1.89 |
| 4059 | Ozello north, Crystal Bay | 28° 51.8' | 82° 40.0' | +1 25 | +3 17 | *0.50 | *0.25 | 1.53 | 2.03 | 0.93 |
| 4061 | Dixie Bay, Salt River, Crystal Bay | 28° 52.9' | 82° 38.1' | +2 00 | +3 06 | *0.55 | *0.33 | 1.66 | 2.15 | 1.04 |
| | *Crystal River* | | | | | | | | | |
| 4063 | Florida Power | 28° 57.6' | 82° 43.5' | −0 03 | +0 30 | *1.04 | *0.89 | 3.00 | 3.90 | 2.06 |
| 4065 | Shell Island, north end | 28° 55.4' | 82° 41.5' | +0 36 | +1 30 | *0.79 | *0.59 | 2.32 | 3.01 | 1.53 |
| 4067 | Twin Rivers Marina | 28° 54.3' | 82° 38.3' | +1 46 | +2 30 | *0.64 | *0.49 | 1.90 | 2.53 | 1.26 |
| 4069 | Kings Bay | 28° 53.9' | 82° 35.9' | +2 20 | +3 07 | *0.59 | *0.41 | 1.76 | 2.31 | 1.14 |
| 4071 | Withlacoochee River entrance | 29° 00' | 82° 46' | +0 07 | +0 55 | *0.91 | *0.95 | 2.5 | 3.5 | 1.8 |
| 4073 | CEDAR KEY | 29° 08.1' | 83° 01.9' | | *Daily predictions* | | | 2.83 | 3.80 | 2.05 |
| 4075 | Suwannee River entrance | 29° 17' | 83° 09' | +0 06 | +0 18 | *0.88 | *0.95 | 2.4 | 3.4 | 1.8 |
| 4077 | Suwannee, Salt Creek | 29° 19.7' | 83° 09.1' | −0 07 | +0 24 | *0.91 | *0.83 | 2.65 | 3.47 | 1.84 |
| 4079 | Pepperfish Keys | 29° 30' | 83° 22' | +0 12 | +0 24 | *0.88 | *0.95 | 2.4 | 3.4 | 1.8 |
| 4081 | Steinhatchee River ent., Deadman Bay | 29° 40.3' | 83° 23.4' | +0 02 | +0 00 | *1.03 | *1.08 | 2.87 | 3.83 | 2.12 |
| | | | | | **on St. Marks River Ent., p.192** | | | | | |
| 4083 | Fishermans Rest | 29° 44' | 83° 32' | −0 14 | −0 02 | *0.93 | *0.86 | 2.4 | 3.4 | 1.8 |
| 4085 | Spring Warrior Creek | 29° 55' | 83° 41' | −0 09 | +0 03 | *0.92 | *0.91 | 2.4 | 3.4 | 1.8 |
| 4087 | Rock Islands | 29° 58' | 83° 50' | −0 03 | +0 04 | *0.93 | *0.91 | 2.4 | 3.3 | 1.8 |
| | *Apalachee Bay* | | | | | | | | | |
| 4089 | Mandalay, Aucilla River | 30° 07.6' | 83° 58.5' | +0 25 | +0 57 | *0.69 | *0.55 | 1.92 | 2.47 | 1.30 |
| 4091 | ST. MARKS RIVER ENTRANCE | 30° 04.7' | 84° 10.7' | | *Daily predictions* | | | 2.63 | 3.49 | 1.94 |
| 4093 | St. Marks, St. Marks River | 30° 09' | 84° 12' | +0 36 | +1 04 | *0.93 | *0.91 | 2.4 | 3.3 | 1.8 |
| 4095 | Shell Point, Walker Creek | 30° 03.6' | 84° 17.4' | −0 03 | −0 03 | *1.02 | *1.08 | 2.65 | 3.56 | 2.00 |
| 4097 | Bald Point, Ochlockonee Bay | 29° 56.9' | 84° 20.5' | +0 33 | +0 19 | *0.85 | *0.70 | 2.28 | 3.07 | 1.60 |
| 4099 | Panacea, Dickerson Bay | 30° 01.7' | 84° 23.2' | +0 16 | +0 20 | *1.01 | *0.82 | 2.73 | 3.66 | 1.90 |
| 4101 | Alligator Point, St. James Island | 29° 54.2' | 84° 24.8' | −0 08 | +0 11 | *0.75 | *0.73 | 1.95 | 2.82 | 1.45 |
| 4103 | Turkey Point, St. James Island | 29° 54.9' | 84° 30.7' | −0 16 | −0 21 | *0.78 | *0.98 | 1.92 | 2.74 | 1.57 |
| | | | | | **on Apalachicola, p.196** | | | | | |
| | *St. George Sound* | | | | | | | | | |
| 4105 | Dog Island, west end | 29° 47' | 84° 40' | −1 53 | −2 38 | *1.73 | *1.40 | – – | 2.6 | 1.3 |
| 4107 | Carrabelle, Carrabelle River | 29° 51' | 84° 40' | −1 25 | −2 13 | *1.60 | *1.60 | – – | 2.6 | 1.3 |
| 4109 | St. George Island, East End | 29° 41.2' | 84° 47.2' | −2 02 | −2 48 | *1.13 | *1.00 | – – | 1.9 | 1.1 |
| 4111 | St. George Island, Rattlesnake Cove | 29° 41.5' | 84° 47.5' | −1 00 | −1 35 | *1.33 | *1.20 | – – | 2.2 | 1.3 |
| 4113 | St. George Island, 12th St. W (Bayside) | 29° 39' | 84° 54' | −0 55 | −1 08 | *1.26 | *1.26 | – – | 2.2 | 1.1 |
| 4115 | St. George Island, Sikes Cut | 29° 36.8' | 84° 57.5' | −0 58 | −1 22 | *1.00 | *1.00 | – – | 1.6 | 1.0 |
| | *Apalachicola Bay* | | | | | | | | | |
| 4117 | Cat Point | 29° 43' | 84° 53' | −0 40 | −1 17 | *1.07 | *0.60 | – – | 2.2 | 1.1 |
| 4119 | APALACHICOLA | 29° 43.6' | 84° 58.9' | | *Daily predictions* | | | 1.11 | 1.61 | 0.96 |
| 4121 | Apalachicola River (A&N RR bridge) | 29° 45.8' | 85° 02.0' | +0 28 | +0 35 | *0.85 | *0.83 | 0.97 | 1.39 | 0.81 |
| 4123 | Lower Anchorage | 29° 36' | 85° 03' | −0 17 | −0 35 | *0.93 | *1.00 | – – | 1.5 | 0.8 |
| 4125 | West Pass | 29° 38' | 85° 06' | −0 27 | −0 27 | *0.87 | *1.00 | – – | 1.4 | 0.7 |
| | | | | | **on Pensacola, p.200** | | | | | |
| 4127 | Port Saint Joe, St. Joseph Bay † | 29° 48.9' | 85° 18.8' | −1 06 | −1 45 | *1.11 | *1.11 | 1.15 | 1.65 | 0.78 |
| | Time meridian, 90° W | | | | | | | | | |
| | *St. Andrew Bay* | | | | | | | | | |
| 4129 | Channel entrance † | 30° 07.5' | 85° 43.8' | −1 39 | −1 50 | *1.02 | *1.02 | 1.20 | 1.29 | 0.67 |
| 4131 | Panama City † | 30° 09.1' | 85° 40.0' | −0 57 | −1 11 | *1.05 | *1.66 | 1.25 | 1.34 | 0.7 |
| 4133 | Panama City Beach (outside) † | 30° 12.8' | 85° 52.7' | −2 17 | −2 44 | *1.05 | *1.05 | 1.22 | 1.37 | 0.68 |
| 4135 | Parker † | 30° 08' | 85° 37' | −0 05 | +0 22 | *1.20 | *1.20 | – – | 1.5 | 0.7 |
| 4137 | Laird Bayou, East Bay † | 30° 07.3' | 85° 32.7' | −0 28 | −1 05 | *1.13 | *1.13 | 1.28 | 1.47 | 0.75 |
| 4139 | Farmdale, East Bay † | 30° 01.0' | 85° 28.2' | −0 16 | −0 59 | *1.17 | *1.17 | 1.31 | 1.56 | 0.78 |
| 4141 | Allanton, East Bay † | 30° 01.8' | 85° 27.9' | −0 16 | −1 01 | *1.15 | *1.15 | 1.30 | 1.53 | 0.76 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Diurnal | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | FLORIDA<br>Gulf Coast–cont.<br>Time meridian, 90° W | | | | **on Pensacola, p.200** | | | | | |
| | *St. Andrew Bay–cont.* | | | | | | | | | |
| 4143 | Wetappo Creek, East Bay † | 30° 02' | 85° 24' | +1 01 | +1 40 | *1.10 | *1.10 | – – | 1.4 | 0.7 |
| 4145 | Alligator Bayou † | 30° 10.2' | 85° 45.3' | −0 47 | −1 10 | *1.07 | *1.07 | 1.25 | 1.37 | 0.68 |
| 4147 | Lynn Haven, North Bay † | 30° 15.3' | 85° 38.9' | −0 31 | −1 01 | *1.10 | *1.10 | 1.25 | 1.47 | 0.73 |
| 4149 | West Bay Creek, West Bay † | 30° 17.6' | 85° 51.5' | −0 10 | −0 47 | *1.13 | *1.13 | 1.30 | 1.46 | 0.74 |
| | *Choctawhatchee Bay <11>* | | | | | | | | | |
| 4151 | East Pass (Destin) | 30° 23.7' | 86° 30.8' | −0 33 | −0 34 | *0.49 | *0.33 | 0.59 | 0.61 | 0.31 |
| 4153 | Shalimar, Garnier Bayou † | 30° 26.1' | 86° 35.2' | +3 33 | +3 03 | *0.32 | *0.32 | 0.36 | 0.41 | 0.21 |
| 4155 | Harris, The Narrows† | 30° 24' | 86° 44' | +1 37 | +2 51 | *1.10 | *1.10 | – – | 1.4 | 0.7 |
| 4157 | Navarre Beach | 30° 22.6' | 86° 51.9' | −2 07 | −2 26 | *1.07 | *1.67 | 1.26 | 1.38 | 0.69 |
| 4159 | Fishing Bend, Santa Rosa Sound † | 30° 20' | 87° 08' | +0 41 | +0 51 | *1.10 | *1.10 | – – | 1.4 | 0.7 |
| | *Pensacola Bay* | | | | | | | | | |
| 4161 | Entrance † | 30° 20' | 87° 19' | −1 23 | −0 34 | *0.80 | *0.80 | – – | 1.1 | 0.5 |
| 4163 | Warrington, 2 miles south of † | 30° 21' | 87° 16' | −0 27 | −0 30 | *1.00 | *1.00 | – – | 1.3 | 0.6 |
| 4165 | PENSACOLA † | 30° 24.2' | 87° 13.8' | | *Daily predictions* | | | 1.20 | 1.26 | 0.63 |
| 4167 | Lora Point, Escambia Bay † | 30° 31' | 87° 10' | +0 36 | +1 03 | *1.20 | *1.20 | – – | 1.5 | 0.7 |
| 4169 | East Bay † | 30° 27' | 86° 55' | +0 44 | +1 17 | *1.20 | *1.20 | – – | 1.6 | 0.8 |
| 4171 | Bay Point, Blackwater River † | 30° 34' | 87° 00' | +1 23 | +1 27 | *1.20 | *1.20 | – – | 1.6 | 0.8 |
| 4173 | Milton, Blackwater River † | 30° 37' | 87° 02' | +1 40 | +1 47 | *1.20 | *1.20 | – – | 1.6 | 0.8 |
| 4175 | Nix Point, Perdido Bay † | 30° 23.6' | 87° 25.5' | +2 29 | +3 37 | *0.57 | *0.33 | 0.69 | 0.71 | 0.35 |
| | ALABAMA | | | | **on Mobile, p.208** | | | | | |
| 4177 | Perdido Bay <11> | – – – | – – – | – – – | – – – | – – – | – – – | – – | – – | – – |
| 4179 | Mobile Point (Fort Morgan) † | 30° 14' | 88° 01' | −1 46 | −1 32 | *0.80 | *0.80 | – – | 1.2 | 0.6 |
| 4181 | DAUPHIN ISLAND † | 30° 15.0' | 88° 04.5' | | *Daily predictions, p.204* | | | 1.18 | 1.20 | 0.60 |
| 4183 | Bon Secour, Bon Secour River † | 30° 18' | 87° 44' | −1 13 | −1 17 | *1.07 | *1.07 | – – | 1.6 | 0.8 |
| 4185 | Fowl River, Mobile Bay Entrance † | 30° 26' | 88° 07' | −0 19 | −0 09 | *1.00 | *1.00 | – – | 1.5 | 0.8 |
| 4187 | Great Point Clear, Mobile Bay † | 30° 29' | 87° 56' | −1 03 | −0 57 | *0.93 | *0.93 | – – | 1.4 | 0.7 |
| 4189 | MOBILE, Mobile River (State Dock) † | 30° 42.3' | 88° 02.4' | | *Daily predictions* | | | – – | 1.5 | 0.8 |
| 4191 | Lower Hall Landing, Tensaw River † | 30° 49' | 87° 55' | +2 16 | +3 05 | *0.87 | *0.87 | – – | 1.3 | 0.6 |
| | | | | | **on South Pass, p.212** | | | | | |
| 4193 | Bayou La Batre, Mississippi Sound † | 30° 22' | 88° 16' | +1 52 | +1 14 | *1.23 | *1.23 | – – | 1.5 | 0.8 |
| | MISSISSIPPI | | | | | | | | | |
| 4195 | Point of Pines, Bayou Cumbest † | 30° 23.2' | 88° 26.4' | +1 49 | +1 09 | *1.25 | *1.25 | 1.37 | 1.62 | 0.81 |
| 4197 | Hollingsworth Point, Davis Bayou † | 30° 23.2' | 88° 46.4' | +2 24 | +1 52 | *1.42 | *1.42 | 1.59 | 1.80 | 0.91 |
| 4199 | Ship Island, Mississippi Sound † | 30° 12.8' | 88° 58.3' | +1 52 | +1 22 | *1.30 | *1.30 | 1.44 | 1.68 | 0.84 |
| 4201 | Horn Island, Mississippi Sound † | 30° 14.3' | 88° 40.0' | +1 34 | +0 59 | *1.25 | *1.25 | 1.38 | 1.60 | 0.81 |
| 4203 | Pascagoula, Mississippi Sound † | 30° 20.4' | 88° 32.0' | +1 20 | +0 48 | *1.21 | *1.21 | 1.37 | 1.53 | 0.86 |
| 4205 | Gulfport Harbor, Mississippi Sound † | 30° 21.6' | 89° 04.9' | +2 09 | +1 09 | *1.29 | *1.29 | 1.38 | 1.64 | 0.86 |
| 4207 | Biloxi (Cadet Point), Biloxi Bay † | 30° 23.4' | 88° 51.4' | +2 04 | +1 30 | *1.38 | *1.38 | 1.55 | 1.76 | 0.88 |
| 4209 | Turkey Creek, Bernard Bayou † | 30° 25.6' | 89° 03.2' | +3 23 | +2 27 | *1.54 | *1.54 | 1.65 | 2.00 | 1.02 |
| 4211 | Cat Island † | 30° 13.9' | 89° 07.0' | +2 13 | +2 00 | *1.23 | *1.23 | 1.39 | 1.57 | 0.78 |
| 4213 | Pass Christian Yacht Club, Mississippi Sound † | 30° 18.6' | 89° 14.7' | +2 36 | +2 04 | *1.37 | *1.37 | 1.53 | 1.73 | 0.87 |
| 4215 | Wolf River, Henderson Avenue bridge | 30° 21.5' | 89° 16.4' | +3 18 | +2 51 | *1.36 | *1.36 | 1.47 | 1.80 | 0.90 |
| 4217 | St. Louis Bay entrance † | 30° 19.5' | 89° 19.5' | +3 17 | +2 57 | *1.36 | *1.36 | 1.52 | 1.73 | 0.87 |
| 4219 | Waveland † | 30° 16.9' | 89° 22.0' | +3 09 | +2 49 | *1.28 | *1.28 | 1.44 | 1.60 | 0.81 |
| 4221 | Pearlington, Pearl River † | 30° 14.4' | 89° 36.9' | +5 51 | +5 31 | *0.99 | *0.99 | 1.15 | 1.23 | 0.62 |
| | LOUISIANA | | | | | | | | | |
| 4223 | Bayou BonFouca, Route 433 † | 30° 16.3' | 89° 47.6' | +11 12 | +11 31 | *0.43 | *0.43 | 0.53 | 0.53 | 0.26 |
| 4225 | Tchefuncta River, Lake Pontchartrain | 30° 22.7' | 90° 09.6' | +11 36 | +12 21 | *0.48 | *0.48 | 0.57 | 0.57 | 0.28 |
| 4227 | New Canal USCG station, Lake Pontchartrain | 30° 01.6' | 90° 06.8' | +11 47 | +12 09 | *0.43 | *0.43 | 0.51 | 0.52 | 0.26 |
| 4229 | Chef Menteur, Chef Menteur Pass † | 30° 03.9' | 89° 48.0' | +6 25 | +6 27 | *0.88 | *0.88 | 0.97 | 1.06 | 0.56 |
| 4231 | Michoud Substation, ICWW † | 30° 00.4' | 89° 56.2' | +6 37 | +6 22 | *1.09 | *1.09 | 1.23 | 1.39 | 0.70 |
| 4233 | Shell Beach, Lake Borgne † | 29° 52.1' | 89° 40.4' | +5 45 | +5 45 | *1.13 | *1.13 | 1.28 | 1.41 | 0.72 |
| 4235 | Grand Pass † | 30° 07.6' | 89° 13.3' | +3 01 | +2 36 | *1.18 | *1.18 | 1.14 | 1.47 | 0.73 |
| 4237 | Chandeleur Light † | 30° 03' | 88° 52' | +1 50 | +1 54 | *0.98 | *0.98 | – – | 1.2 | 0.6 |
| 4239 | Comfort Island † | 29° 49.4' | 89° 16.2' | +2 47 | +2 14 | *1.28 | *1.28 | 1.45 | 1.57 | 0.80 |
| 4241 | Bay Gardene † | 29° 35.9' | 89° 37.1' | +4 04 | +4 04 | *1.16 | *1.16 | 1.34 | 1.44 | 0.75 |
| 4243 | Breton Islands † | 29° 29.6' | 89° 10.4' | +2 07 | +2 08 | *1.14 | *1.14 | 1.37 | 1.37 | 0.69 |
| 4245 | Jack Bay † | 29° 22.0' | 89° 20.7' | +3 12 | +2 48 | *1.00 | *1.00 | – – | 1.2 | 0.6 |
| 4247 | Grand Bay † | 29° 23.1' | 89° 22.8' | +2 54 | +2 56 | *1.08 | *1.08 | 1.25 | 1.34 | 0.67 |
| 4249 | Lonesome Bayou (Thomasin) † | 29° 14' | 89° 03' | +0 34 | −0 29 | *0.90 | *0.90 | – – | 1.1 | 0.5 |
| | *Mississippi River* | | | | | | | | | |
| 4251 | North Pass, Pass a Loutre † | 29° 12.3' | 89° 02.2' | +0 42 | +0 43 | *0.91 | *0.91 | 1.08 | 1.10 | 0.55 |
| 4253 | Southeast Pass † | 29° 07.0' | 89° 02.7' | +0 37 | −0 28 | *0.98 | *0.98 | – – | 1.2 | 0.6 |
| 4255 | SOUTH PASS † | 28° 59.4' | 89° 08.4' | | *Daily predictions* | | | 1.18 | 1.22 | 0.61 |
| 4257 | Port Eads, South Pass † | 29° 00.9' | 89° 09.6' | +0 56 | −0 17 | *0.90 | *0.90 | – – | 1.1 | 0.5 |
| 4259 | Southwest Pass † | 28° 55.9' | 89° 25.7' | +0 35 | −0 13 | *1.07 | *1.07 | – – | 1.3 | 0.6 |
| 4261 | Joseph Bayou † | 29° 03.5' | 89° 16.3' | +0 37 | −0 17 | *1.15 | *1.15 | – – | 1.4 | 0.7 |
| 4263 | New Orleans <12> † | 29° 55' | 90° 04' | – – – | – – – | – – – | – – – | – – | – – | – – |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Diurnal | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | LOUISIANA–cont.<br>Time meridian, 90° W | | | | **on Grand Isle, p.216** | | | | | |
| 4265 | Paris Road Bridge (ICWW) † | 30° 00' | 89° 56' | +5 53 | +5 58 | *1.04 | *1.04 | – – | 1.1 | 0.6 |
| 4267 | Empire Jetty † | 29° 15.0' | 89° 36.5' | −1 03 | −1 45 | *1.23 | *1.23 | – – | 1.3 | 0.7 |
| 4269 | Bastian Island † | 29° 17.2' | 89° 39.8' | +0 41 | +0 12 | *1.13 | *1.13 | – – | 1.2 | 0.6 |
| 4271 | Quatre Bayous Pass † | 29° 18.6' | 89° 51.2' | +2 18 | +0 17 | *1.23 | *1.23 | – – | 1.3 | 0.6 |
| 4273 | Barataria Pass † | 29° 16' | 89° 57' | +1 00 | −0 10 | *1.13 | *1.13 | – – | 1.2 | 0.6 |
| | *Barataria Bay* | | | | | | | | | |
| 4275 | EAST POINT, GRAND ISLE | 29° 15.8' | 89° 57.4' | | *Daily predictions* | | | 1.04 | 1.06 | 0.53 |
| 4277 | Bayou Rigaud, Grand Isle † | 29° 16' | 89° 58' | +1 32 | +0 46 | *0.94 | *0.94 | – – | 1.0 | 0.5 |
| 4279 | Independence Island † | 29° 18.6' | 89° 56.3' | +2 29 | +1 59 | *0.85 | *0.85 | – – | 0.9 | 0.4 |
| 4281 | Manilla † | 29° 25.6' | 89° 58.6' | +2 32 | +3 13 | *0.94 | *0.94 | – – | 1.0 | 0.5 |
| 4283 | Caminada Pass (bridge) † | 29° 12.6' | 90° 02.4' | +0 20 | +0 12 | *0.94 | *0.94 | 0.99 | 0.99 | 0.50 |
| 4285 | Timbalier Island, Timbalier Bay † | 29° 05' | 90° 32' | +0 19 | +0 23 | *1.13 | *1.13 | – – | 1.2 | 0.6 |
| 4287 | Pelican Islands, Timbalier Bay † | 29° 07.7' | 90° 25.4' | +2 26 | +2 26 | *1.13 | *1.13 | – – | 1.2 | 0.6 |
| 4289 | Wine Island, Terrebonne Bay † | 29° 04.7' | 90° 37.1' | +1 08 | +1 02 | *1.23 | *1.23 | – – | 1.3 | 0.6 |
| 4291 | Cocodrie, Terrebonne Bay † | 29° 14.7' | 90° 39.7' | +1 22 | +1 33 | *0.98 | *0.98 | 1.01 | 1.05 | 0.53 |
| 4293 | Caillou Boca † | 29° 03.8' | 90° 48.4' | +0 40 | +0 48 | *1.32 | *1.32 | – – | 1.4 | 0.7 |
| 4295 | Raccoon Point, Caillou Bay † | 29° 03.5' | 90° 57.7' | −0 03 | −0 20 | *1.60 | *1.60 | – – | 1.7 | 0.8 |
| 4297 | Ship Shoal Light † | 28° 55' | 91° 04' | −1 54 | −1 50 | *1.51 | *1.51 | – – | 1.6 | 0.8 |
| | | | | | **on Galveston, p.220** | | | | | |
| | *Atchafalaya Bay* | | | | | | | | | |
| 4299 | Eugene Island † | 29° 22' | 91° 23' | −0 25 | −2 03 | *1.40 | *1.40 | – – | 1.9 | 1.0 |
| 4301 | Point Au Fer † | 29° 20' | 91° 21' | −0 21 | −2 26 | *1.40 | *1.40 | – – | 2.0 | 1.0 |
| 4303 | Shell Island † | 29° 28' | 91° 18' | +0 54 | −0 39 | *1.07 | *1.07 | – – | 1.5 | 0.7 |
| 4305 | Point Chevreuil † | 29° 31' | 91° 33' | +1 02 | −0 54 | *1.07 | *1.07 | – – | 1.5 | 0.8 |
| 4307 | Rabbit Island, 5 miles south of † | 29° 25' | 91° 36' | −0 13 | −2 00 | *1.40 | *1.40 | – – | 2.0 | 1.0 |
| 4309 | South Point, Marsh Island † | 29° 29' | 91° 46' | −0 19 | −1 57 | *1.30 | *1.30 | – – | 1.8 | 0.9 |
| 4311 | Lighthouse Point † | 29° 31' | 92° 03' | −1 16 | −2 17 | *1.40 | *1.40 | – – | 2.0 | 1.0 |
| 4313 | Cote Blanche Island, West Cote Blanche Bay † | 29° 44' | 91° 43' | +2 19 | +2 16 | *1.00 | *1.00 | – – | 1.4 | 0.7 |
| 4315 | Southwest Pass, Vermilion Bay † | 29° 35' | 92° 02' | −0 32 | −0 33 | *1.14 | *1.14 | – – | 1.6 | 0.8 |
| 4317 | Weeks Bay, Vermilion Bay † | 29° 48' | 91° 50' | +1 44 | +2 32 | *1.07 | *1.07 | – – | 1.5 | 0.7 |
| 4319 | Mermentau River entrance † | 29° 45' | 93° 06' | −1 54 | −0 59 | *1.79 | *1.79 | – – | 2.5 | 1.2 |
| 4321 | Calcasieu Pass, Lighthouse wharf † | 29° 47' | 93° 21' | −2 14 | −1 24 | *1.43 | *1.43 | – – | 2.0 | 1.0 |
| | TEXAS | | | | | | | | | |
| 4323 | Sabine Bank Lighthouse † | 29° 28' | 93° 43' | −1 46 | −1 31 | *2.00 | *2.00 | – – | 2.8 | 1.4 |
| 4325 | Sabine Pass (jetty) † | 29° 39' | 93° 50' | −1 26 | −1 31 | *1.79 | *1.79 | – – | 2.5 | 1.2 |
| 4327 | Sabine Pass † | 29° 43.8' | 93° 52.2' | −1 18 | −0 38 | *1.14 | *1.14 | 1.09 | 1.60 | 0.96 |
| 4329 | Mesquite Point, Sabine Pass † | 29° 46' | 93° 54' | −0 04 | −0 25 | *0.93 | *0.93 | – – | 1.3 | 0.6 |
| 4331 | Galveston Bay entrance, south jetty † | 29° 20' | 94° 42' | −0 39 | −1 05 | *1.43 | *1.43 | – – | 2.0 | 1.0 |
| 4333 | GALVESTON, Galveston Channel † | 29° 18.6' | 94° 47.6' | | *Daily predictions* | | | 1.02 | 1.41 | 0.81 |
| | *Galveston Bay* | | | | | | | | | |
| 4335 | Port Bolivar † | 29° 21.9' | 94° 46.8' | +0 57 | +0 09 | *1.00 | *0.63 | 1.13 | 1.40 | 0.85 |
| 4337 | Texas City, Turning Basin † | 29° 23' | 94° 53' | +0 33 | +0 41 | *1.00 | *1.00 | – – | 1.4 | 0.7 |
| 4339 | Eagle Point <20> † | 29° 28.8' | 94° 55.1' | +5 34 | +2 38 | *0.80 | *0.80 | 1.01 | 1.09 | 0.60 |
| 4341 | Clear Lake <20> † | 29° 33.8' | 95° 04.0' | +6 57 | +5 19 | *0.83 | *0.83 | 1.05 | 1.16 | 0.63 |
| 4343 | Morgans Point, Barbours Cut <20> † | 29° 40.9' | 94° 59.1' | +5 11 | +4 17 | *0.95 | *0.40 | 1.14 | 1.31 | 0.72 |
| 4345 | Lynchburg Landing, San Jacinto River <20> † | 29° 45.9' | 95° 04.7' | +4 55 | +4 51 | *1.05 | *0.57 | 1.21 | 1.48 | 0.78 |
| 4347 | Manchester, Houston Ship Channel <20> † | 29° 43.1' | 95° 15.1' | +4 55 | +5 05 | *1.15 | *0.83 | 1.27 | 1.64 | 0.90 |
| 4349 | Round Point, Trinity Bay <20> † | 29° 44' | 94° 42' | +10 39 | +5 15 | *0.71 | *0.71 | – – | 1.0 | 0.5 |
| 4351 | Point Barrow, Trinity Bay † | 29° 44' | 94° 50' | +5 48 | +4 43 | *0.79 | *0.79 | – – | 1.1 | 0.5 |
| 4353 | Gilchrist, East Bay † | 29° 31' | 94° 29' | +3 16 | +4 18 | *0.86 | *0.86 | – – | 1.2 | 0.6 |
| 4355 | Jamaica Beach, West Bay † | 29° 12' | 94° 59' | +2 38 | +3 31 | *0.71 | *0.71 | – – | 1.0 | 0.5 |
| 4357 | Alligator Point, West Bay † | 29° 10' | 95° 08' | +2 39 | +2 33 | *0.64 | *0.64 | – – | 0.9 | 0.4 |
| 4359 | Christmas Bay † | 29° 02.5' | 95° 10.5' | +4 47 | +2 37 | *0.58 | *0.23 | 0.71 | 0.82 | 0.42 |
| 4361 | Galveston Pleasure Pier † | 29° 17.1' | 94° 47.3' | −1 33 | −1 03 | *1.40 | *1.30 | 1.46 | 2.04 | 1.12 |
| 4363 | San Luis Pass † | 29° 05' | 95° 07' | −0 09 | −0 09 | *0.86 | *0.86 | – – | 1.2 | 0.6 |
| 4365 | Freeport Harbor † | 28° 56.9' | 95° 18.5' | −1 17 | −1 08 | *1.23 | *0.90 | 1.35 | 1.76 | 0.95 |
| 4367 | PORT O'CONNOR, MATAGORDA BAY † | 28° 27' | 96° 24' | | *Daily predictions, p.224* | | | – – | 0.5 | 0.2 |
| 4369 | Port Lavaca, Matagorda Bay † | 28° 37' | 96° 37' | – – – | – – – | – – – | – – – | – – | 0.7 | 0.3 |
| 4371 | Rockport, Aransas Bay † | 28° 01.3' | 97° 02.8' | – – – | – – – | – – – | – – – | 0.36 | 0.36 | 0.18 |
| 4373 | Port Aransas (H. Caldwell Pier) † | 27° 49.6' | 97° 03.0' | −0 46 | −1 26 | *1.15 | *0.77 | 1.30 | 1.64 | 0.88 |
| 4375 | Corpus Christi † | 27° 34.8' | 97° 13.0' | −1 09 | −1 30 | *1.17 | *0.73 | 1.31 | 1.63 | 0.93 |
| 4377 | Riviera Beach, Baffin Bay † | 27° 17' | 97° 40' | – – – | – – – | – – – | – – – | – – | 0.3 | 0.1 |
| | | | | | **on Padre Island, p.228** | | | | | |
| 4379 | PADRE ISLAND (south end) † | 26° 04.1' | 97° 09.4' | | *Daily predictions* | | | 1.25 | 1.47 | 0.87 |
| 4381 | Queen Isabella Causeway (east end) † | 26° 04.7' | 97° 10.2' | +0 24 | +0 21 | *0.87 | *0.75 | 1.11 | 1.28 | 0.68 |
| 4383 | Queen Isabella Causeway (west end) † | 26° 04.3' | 97° 11.5' | +0 52 | +0 30 | *0.81 | *0.63 | 1.05 | 1.19 | 0.62 |
| 4385 | Port Isabel † | 26° 03.6' | 97° 12.9' | +0 10 | +0 26 | *0.92 | *1.00 | 1.15 | 1.37 | 0.74 |
| 4387 | South Bay entrance † | 26° 03.1' | 97° 10.9' | +0 14 | +0 21 | *0.91 | *0.94 | 1.14 | 1.35 | 0.72 |
| | MEXICO <13><br>Gulf of Mexico | | | | **on Tampico Harbor, p.232** | | | | | |
| 4389 | Matamoros † | 25° 53' | 97° 31' | +0 55 | +0 40 | *1.00 | *1.00 | – – | 1.4 | 0.7 |
| 4391 | TAMPICO HARBOR (Madero) † | 22° 13' | 97° 51' | | *Daily predictions* | | | – – | 1.4 | 0.7 |
| 4393 | Tuxpan † | 21° 00' | 97° 20' | +0 02 | +0 04 | *1.21 | *1.21 | – – | 1.7 | 0.8 |
| 4395 | Veracruz † | 19° 12' | 96° 08' | −0 19 | −0 12 | *1.21 | *1.21 | – – | 1.7 | 0.8 |
| 4397 | Alvarado † | 18° 46' | 95° 46' | +0 51 | +0 27 | *0.93 | *0.93 | – – | 1.3 | 0.6 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Diurnal | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | MEXICO<br>Gulf of Mexico–cont.<br>Time meridian, 90° W | | | **on Tampico Harbor, p.232** | | | | | | |
| 4399 | Coatzcoalcos † | 18° 09' | 94° 25' | −0 40 | +0 05 | *1.07 | *1.07 | – – | 1.5 | 0.7 |
| 4401 | Frontera † | 18° 32' | 92° 39' | −0 18 | −0 27 | *1.14 | *1.14 | – – | 1.6 | 0.8 |
| 4403 | Progreso † | 21° 18' | 89° 40' | +1 19 | +0 23 | *1.29 | *1.29 | – – | 1.8 | 0.9 |
| | BELIZE | | | **on Key West, p.176** | | | | | | |
| 4405 | Belize City | 17° 30' | 88° 11' | +0 14 | +0 47 | *0.46 | *0.46 | 0.6 | 0.7 | 0.4 |
| 4407 | Punta Gorda | 16° 06' | 88° 49' | −0 27 | +0 30 | *0.46 | *0.46 | 0.6 | 0.8 | 0.4 |
| | GUATEMALA <13> | | | | | | | | | |
| 4409 | Rio Dulce entrance | 15° 50' | 88° 49' | −1 25 | −1 35 | *0.92 | *0.92 | 1.2 | 1.5 | 0.7 |
| | HONDURAS <13> | | | | | | | | | |
| 4411 | Puerto Cortes | 15° 50' | 87° 57' | −0 43 | −0 02 | *0.38 | *0.38 | 0.5 | 0.6 | 0.2 |
| 4413 | Port Royal, Isla de Roatan | 16° 24' | 86° 20' | −2 41 | −2 35 | *0.92 | *0.92 | 1.2 | 1.4 | 0.6 |
| 4415 | Puerto Castilla | 16° 00' | 86° 02' | −0 48 | −0 13 | *0.46 | *0.46 | 0.6 | 0.8 | 0.4 |
| 4417 | Isla de Guanaja | 16° 29' | 85° 54' | −1 26 | −1 42 | *0.72 | *0.72 | 1.0 | 1.3 | 0.6 |
| 4419 | Harbor Bay, Great Swan Island | 17° 24' | 83° 56' | −1 18 | −0 33 | *0.51 | *0.51 | 0.7 | 0.9 | 0.4 |
| | NICARAGUA <13> | | | **on Hampton Roads, p.120** | | | | | | |
| 4421 | Cabo Gracias a Dios | 15° 00' | 83° 10' | +0 23 | −0 32 | *0.57 | *0.57 | 1.2 | 1.6 | 0.8 |
| 4423 | Puerto Cabezas | 14° 01' | 83° 23' | +3 05 | +3 11 | *0.56 | *0.56 | 1.4 | 1.9 | 0.9 |
| 4425 | Cayos de Perlas | 12° 25' | 83° 25' | +4 53 | +4 33 | *0.46 | *0.46 | 0.9 | 1.3 | 0.6 |
| 4427 | Isla del Maiz Grande | 12° 10' | 83° 03' | +4 38 | +4 13 | *0.46 | *0.46 | 0.9 | 1.3 | 0.3 |
| 4429 | Bluefields Lagoon entrance | 12° 00' | 83° 42' | +3 54 | +3 27 | *0.28 | *0.28 | 0.7 | 1.0 | 0.4 |
| 4431 | San Juan del Norte (Greytown) | 10° 55' | 83° 42' | +4 03 | +4 03 | *0.28 | *0.28 | 0.7 | 1.1 | 0.5 |
| | COSTA RICA <13> | | | **on Cristobal, p.236** | | | | | | |
| 4433 | Limon | 10° 00' | 83° 02' | −0 32 | −0 29 | *1.00 | *1.00 | 0.7 | 1.2 | 0.5 |
| | PANAMA <13><br>Time meridian, 75° W | | | | | | | | | |
| 4435 | Bocas del Toro, Almirante Bay | 9° 21' | 82° 15' | +0 21 | +0 24 | *1.14 | *1.14 | 0.8 | 1.2 | 0.6 |
| 4437 | CRISTOBAL | 9° 21' | 79° 55' | | *Daily Predictions* | | | 0.7 | 1.1 | 0.4 |
| 4439 | Bahia de Caledonia | 8° 54' | 77° 41' | +0 12 | +0 00 | *1.00 | *1.00 | 0.7 | 1.1 | 0.4 |
| | BERMUDA ISLANDS<br>Time meridian, 60° W | | | **on Bermuda Esso Pier, p.240** | | | | Mean | Spring | |
| 4441 | Ireland Island | 32° 19' | 64° 50' | +0 11 | +0 13 | *1.07 | *1.23 | 2.6 | 3.1 | 1.6 |
| 4443 | Ferry Reach (Biological Station) | 32° 22.2' | 64° 41.7' | −0 04 | +0 03 | *0.93 | *1.00 | 2.4 | 2.9 | 1.3 |
| 4445 | ESSO PIER, ST. GEORGES ISLAND | 32° 22.4' | 64° 42.2' | | *Daily Predictions* | | | 2.5 | 3.0 | 1.3 |
| | BAHAMAS<br>Time meridian, 75° W | | | **on Settlement Point, p.244** | | | | | | |
| 4447 | Guinchos Cay | 22° 45' | 78° 07' | +0 06 | +0 16 | *0.79 | *1.11 | 2.1 | 2.6 | 1.2 |
| 4449 | Elbow Cay, Cay Sal Bank | 23° 57' | 80° 28' | +1 18 | +1 28 | *0.79 | *1.11 | 2.1 | 2.6 | 1.2 |
| 4451 | Fresh Creek, Andros Island | 24° 44' | 77° 48' | +0 05 | −0 08 | *0.97 | *1.11 | 2.4 | 2.9 | 1.3 |
| 4453 | North Cat Cay | 25° 33' | 79° 17' | +0 22 | +0 32 | *0.86 | *1.11 | 2.3 | 2.8 | 1.3 |
| 4455 | North Bimini | 25° 44' | 79° 18' | +0 05 | +0 22 | *0.90 | *1.11 | 2.4 | 2.9 | 1.3 |
| 4457 | Memory Rock | 26° 57' | 79° 07' | +0 16 | +0 26 | *0.86 | *1.11 | 2.3 | 2.7 | 1.3 |
| 4459 | SETTLEMENT POINT, GRAND BAHAMAS ISLAND | 26° 42.6' | 78° 59.8' | | *Daily predictions* | | | 2.7 | 3.1 | 1.4 |
| 4461 | Pelican Harbor | 26° 23' | 76° 58' | +0 18 | +0 28 | *0.97 | *1.11 | 2.6 | 3.1 | 1.4 |
| 4463 | Nassau, New Providence Island | 25° 05' | 77° 21' | −0 08 | −0 03 | *0.98 | *1.44 | 2.6 | 3.1 | 1.9 |
| 4465 | Eleuthera Island, west coast | 25° 15' | 76° 19' | +2 09 | 2 33 | *0.94 | *1.11 | 2.4 | 2.9 | 1.3 |
| 4467 | Eleuthera Island, east coast | 24° 56' | 76° 09' | +0 11 | +0 23 | *0.82 | *1.11 | 2.2 | 2.6 | 1.2 |
| 4469 | The Bight, Cat Island | 24° 19' | 75° 26' | −0 37 | −0 27 | *0.97 | *1.11 | 2.6 | 3.1 | 1.4 |
| 4471 | San Salvador | 24° 03' | 74° 33' | −0 08 | −0 06 | *0.86 | *1.11 | 2.3 | 2.8 | 1.3 |
| 4473 | Clarence Harbor, Long Island | 23° 06' | 74° 59' | +0 41 | +0 51 | *0.97 | *1.11 | 2.6 | 3.1 | 1.4 |
| 4475 | Nurse Channel | 22° 31' | 75° 51' | +0 00 | +0 10 | *0.79 | *1.11 | 2.1 | 2.6 | 1.1 |
| 4477 | Datum Bay, Acklin Island | 22° 10' | 74° 18' | −0 21 | −0 11 | *0.75 | *1.11 | 2.0 | 2.6 | 1.1 |
| 4479 | Mathew Town, Great Inagua Island | 20° 57' | 73° 41' | +0 08 | +0 28 | *0.79 | *1.11 | 2.1 | 2.6 | 1.2 |
| 4481 | Abraham Bay, Mayaguana Island | 22° 22' | 73° 00' | +0 02 | −0 10 | *0.79 | *1.11 | 2.0 | 2.5 | 1.1 |
| 4483 | Hawks Nest Anchorage, Turks Islands | 21° 26' | 71° 07' | −0 27 | −0 17 | *0.79 | *1.11 | 2.1 | 2.6 | 1.1 |
| | WEST INDIES<br>Cuba | | | **on Hampton Roads, p.120** | | | | | | |
| 4485 | La Isabela | 22° 56' | 80° 00' | +0 20 | +0 16 | *0.64 | *0.64 | 1.6 | 2.0 | 0.9 |
| 4487 | Bahia de Nuevitas entrance | 21° 38' | 77° 07' | −0 05 | −0 46 | *0.52 | *0.52 | 1.3 | 1.5 | 0.7 |
| 4489 | Nuevitas, Bahia de Nuevitas | 21° 35' | 77° 15' | +1 32 | +1 33 | *0.56 | *0.56 | 1.4 | 1.6 | 0.7 |
| 4491 | Puerto Padre | 21° 14' | 76° 33' | −0 05 | −0 10 | *0.84 | *0.84 | 2.1 | 2.4 | 1.1 |
| 4493 | Puerto de Gibara | 21° 07' | 76° 07' | −1 06 | −1 03 | *0.76 | *0.76 | 1.9 | 2.2 | 1.0 |
| 4495 | Bahia de Nipe entrance | 20° 47' | 75° 34' | −0 55 | −1 01 | *0.81 | *0.81 | 2.0 | 2.3 | 1.1 |
| 4497 | Antilla, Bahia de Nipe | 20° 50' | 75° 44' | −0 37 | −0 44 | *0.89 | *0.89 | 2.2 | 2.5 | 1.2 |
| 4499 | Bahia de Levisa entrance | 20° 45' | 75° 28' | −1 03 | −1 07 | *0.77 | *0.77 | 1.9 | 2.2 | 1.0 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | WEST INDIES<br>Cuba–cont.<br>Time meridian, 75° W | | | | **on Hampton Roads, p.120** | | | | | |
| 4501 | Sagua de Tanamo, Bahia de | 20° 43' | 75° 19' | −1 00 | −1 08 | *0.76 | *0.76 | 1.9 | 2.2 | 1.0 |
| 4503 | Baracoa | 20° 21' | 74° 30' | −1 14 | −1 18 | *0.68 | *0.68 | 1.7 | 2.0 | 0.9 |
| 4505 | Punta Maisi | 20° 15' | 74° 08' | −1 16 | −1 20 | *0.88 | *0.88 | 2.2 | 2.8 | 1.2 |
| | | | | | **on San Juan, p.252** | | | Mean | Diurnal | |
| 4507 | Guantanamo Bay | 19° 54' | 75° 09' | −0 17 | −0 23 | *0.89 | *0.89 | – – | 1.4 | 0.7 |
| 4509 | Puerto de Santiago de Cuba | 19° 59' | 75° 52' | +0 30 | +0 17 | *0.89 | *0.89 | – – | 1.4 | 0.7 |
| 4511 | Puerto de Pilon | 19° 54' | 77° 19' | +0 11 | +0 13 | *0.72 | *0.72 | – – | 1.2 | 0.6 |
| 4513 | Manzanillo, Golfo de Guacanayabo | 20° 21' | 77° 07' | +1 41 | +1 38 | +1.39 | +1.39 | – – | 2.2 | 1.1 |
| 4515 | Casilda | 21° 45' | 79° 59' | +1 04 | +0 52 | *0.65 | *0.65 | – – | 1.0 | 0.5 |
| | *Bahia de Cienfuegos* | | | | | | | | | |
| 4517 | Punta Pasacaballos | 22° 04' | 80° 27' | +0 49 | +0 58 | *0.80 | *0.80 | – – | 1.3 | 0.6 |
| 4519 | Cienfuegos | 22° 08' | 80° 27' | +0 51 | +0 58 | *0.81 | *0.81 | – – | 1.3 | 0.6 |
| 4521 | Carapachibey, Isla de Pinos | 21° 27' | 82° 55' | +0 43 | +0 52 | *0.54 | *0.54 | – – | 0.9 | 0.4 |
| 4523 | La Coloma | 22° 14' | 83° 34' | +2 04 | +2 23 | *0.54 | *0.54 | – – | 0.9 | 0.4 |
| 4525 | Cabo San Antonio | 21° 52' | 84° 58' | −0 50 | −0 07 | *0.92 | *0.92 | 1.2 | 1.5 | 0.8 |
| | | | | | **on Key West, p.176** | | | Mean | Spring | |
| 4527 | Bahia Honda | 22° 58' | 83° 13' | −1 04 | −0 23 | *0.76 | *0.76 | 1.0 | 1.4 | 0.7 |
| 4529 | Havana | 23° 09' | 82° 20' | −0 48 | −0 40 | *0.76 | *0.76 | 1.0 | 1.2 | 0.6 |
| 4531 | Matanzas | 23° 04' | 81° 32' | −0 59 | −0 59 | *0.92 | *0.92 | 1.2 | 1.5 | 0.8 |
| 4533 | Cardenas | 23° 04' | 81° 12' | −0 11 | +0 34 | *1.08 | *1.08 | 1.4 | 1.8 | 1.0 |
| | Jamaica | | | | **on Galveston, p.220** | | | Mean | Diurnal | |
| 4535 | Port Morant | 17° 53' | 76° 20' | −7 45 | −7 45 | *0.57 | *0.57 | – – | 0.8 | 0.4 |
| 4537 | Port Royal † | 17° 56' | 76° 51' | −7 07 | −8 14 | *0.50 | *0.50 | – – | 0.7 | 0.3 |
| 4539 | Galleon Harbour | 17° 54' | 77° 04' | – – – | – – – | – – – | – – – | – – | 0.8 | 0.4 |
| 4541 | South Negril Point † | 18° 18' | 78° 24' | −2 47 | −2 47 | *1.21 | *1.21 | – – | 1.7 | 0.8 |
| 4543 | Montego Bay | 18° 28' | 77° 55' | −6 44 | −6 40 | *0.71 | *0.71 | – – | 1.0 | 0.5 |
| 4545 | St. Anns Bay | 18° 25' | 77° 14' | −7 17 | −7 17 | *0.57 | *0.57 | – – | 0.8 | 0.4 |
| 4547 | Grand Cayman † | 19° 20' | 81° 20' | −8 01 | −8 01 | *0.93 | *0.93 | – – | 1.3 | 0.6 |
| | Haiti and Dominican Republic | | | | **on San Juan, p.252** | | | | | |
| 4549 | Port–au–Prince | 18° 33' | 72° 21' | −0 35 | −0 38 | *0.99 | *0.99 | – – | 1.6 | 0.8 |
| 4551 | Massacre, Riviere du entrance | 19° 43' | 71° 46' | −1 04 | −1 07 | *1.44 | *1.44 | – – | 2.3 | 1.2 |
| 4553 | Puerto Plata | 19° 49' | 70° 42' | −1 12 | −1 20 | *1.44 | *1.44 | – – | 2.3 | 1.2 |
| 4555 | Santa Barbara de Samana | 19° 12' | 69° 20' | −0 54 | −0 53 | *1.25 | *1.25 | – – | 2.0 | 1.0 |
| 4557 | Sanchez | 19° 13' | 69° 36' | −0 40 | −0 43 | *2.05 | *2.05 | – – | 3.3 | 1.6 |
| | | | | | **on Galveston, p.220** | | | | | |
| 4559 | Saona, Isla † | 18° 10' | 68° 40' | – – – | – – – | – – – | – – – | – – | 0.6 | 0.3 |
| 4561 | La Romana † | 18° 25' | 68° 57' | – – – | – – – | – – – | – – – | – – | 0.6 | – – |
| 4563 | Santo Domingo † | 18° 27' | 69° 53' | −6 28 | −11 01 | *0.57 | *0.57 | – – | 0.8 | 0.4 |
| 4565 | Barahona † | 18° 12' | 71° 05' | – – – | – – – | – – – | – – – | – – | 0.7 | 0.3 |
| 4567 | Jacmel † | 18° 13' | 72° 34' | −10 00 | −10 00 | *1.43 | *1.43 | – – | 2.0 | 1.0 |
| | Puerto Rico<br>Time meridian, 60° W | | | | **on Magueyes, p.248** | | | | | |
| 4569 | MAGUEYES ISLAND † | 17° 58.3' | 67° 02.8' | | *Daily predictions* | | | 0.65 | 0.67 | 0.34 |
| 4571 | Guanica † | 17° 58' | 66° 55' | −1 22 | +0 18 | *1.00 | *1.00 | – – | 0.7 | 0.3 |
| 4573 | Playa de Ponce † | 17° 58' | 66° 37' | −0 39 | −0 13 | *1.14 | *1.14 | – – | 0.8 | 0.4 |
| 4575 | Playa Cortada † | 17° 59' | 66° 27' | +0 16 | −0 37 | *1.14 | *1.14 | – – | 0.8 | 0.4 |
| 4577 | Arroyo † | 17° 58' | 66° 04' | +0 52 | +0 13 | *1.14 | *1.14 | – – | 0.8 | 0.4 |
| 4579 | Puerto Maunabo † | 18° 00' | 65° 53' | −0 56 | +1 13 | *1.00 | *1.00 | – – | 0.7 | 0.4 |
| 4581 | Culebrita, Isla † | 18° 19' | 65° 14' | −2 34 | +2 40 | *1.57 | *1.57 | – – | 1.1 | 0.6 |
| 4583 | Puerto Ferro, Isla de Vieques † | 18° 06' | 65° 26' | −2 26 | +3 01 | *1.14 | *1.14 | – – | 0.8 | 0.4 |
| | | | | | **on San Juan, p.252** | | | | | |
| 4585 | Punta Mulas, Isla de Vieques | 18° 09' | 65° 26' | −0 14 | −0 17 | *0.72 | *0.72 | – – | 1.2 | 0.6 |
| 4587 | Roosevelt Roads | 18° 14' | 65° 37' | +0 02 | +0 20 | *0.63 | *0.63 | – – | 1.0 | 0.5 |
| 4589 | Ensenada Honda, Culebra Island | 18° 18' | 65° 17' | −0 34 | −0 15 | *0.63 | *0.63 | – – | 1.0 | 0.5 |
| 4591 | Playa de Fajardo | 18° 20' | 65° 38' | −0 10 | −0 13 | *0.99 | *0.99 | – – | 1.6 | 0.8 |
| 4593 | SAN JUAN | 18° 27.5' | 66° 07.0' | | *Daily predictions* | | | 1.10 | 1.58 | 0.76 |
| 4595 | Mayaguez | 18° 13.2' | 67° 09.6' | −0 09 | −0 11 | *0.93 | *0.76 | 1.06 | 1.40 | 0.69 |
| 4597 | Puerto Real | 18° 05' | 67° 11' | −0 33 | −0 26 | *0.72 | *0.72 | – – | 1.2 | 0.6 |
| | Lesser Antilles & Virgin Islands | | | | **on Charlotte Amalie, p.256** | | | | | |
| | *St. Thomas Island* | | | | | | | | | |
| 4599 | Magens Bay, St. Thomas Island † | 18° 22' | 64° 55' | −0 10 | −0 13 | *1.51 | *3.00 | – – | 1.4 | 0.7 |
| 4601 | CHARLOTTE AMALIE, ST. THOMAS ISLAND † | 18° 20.1' | 64° 55.2' | | *Daily predictions* | | | 0.70 | 0.79 | 0.40 |
| 4603 | Redhook Bay, St. Thomas Island † | 18° 19.1' | 64° 51.1' | −0 46 | +0 44 | *1.28 | *1.28 | 0.82 | 1.09 | 0.54 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Diurnal | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | North | West | h m | h m | ft | ft | ft | ft | ft |
| | WEST INDIES<br>Lesser Antilles & Virgin Islands–cont.<br>Time meridian, 60° W | | | **on Lime Tree Bay, p.260** | | | | | | |
| | *St. Croix Island* | | | | | | | | | |
| 4605 | Christiansted, St. Croix Island † | 17° 45' | 64° 42' | −2 43 | +1 06 | *1.07 | *1.00 | – – | 0.8 | 0.4 |
| 4607 | LIME TREE BAY, ST.CROIX ISLAND † | 17° 41.8' | 64° 45.2' | | *Daily predictions* | | | 0.69 | 0.71 | 0.36 |
| 4609 | St. Barthelemy † | 17° 54' | 62° 51' | −3 26 | −1 11 | *1.87 | *1.00 | – – | 1.4 | 0.7 |
| 4611 | Pointe–a–Pitre, Guadeloupe | 16° 14' | 61° 32' | −4 28 | −0 33 | *3.24 | *1.80 | – – | 1.0 | 0.5 |
| | | | | **on Key West, p.176** | | | | | | |
| 4613 | Roseau, Dominica | 15° 18' | 61° 24' | −6 29 | −6 05 | *0.65 | *0.65 | 0.7 | 1.2 | 0.6 |
| 4615 | Fort–de–France, Martinique | 14° 35' | 61° 03' | −6 55 | −6 18 | *0.38 | *0.38 | 0.5 | – – | 0.5 |
| 4617 | Castries, St. Lucia | 14° 01' | 61° 00' | −7 09 | −7 05 | *0.62 | *0.62 | 0.8 | 1.2 | 0.6 |
| 4619 | Vieux Fort Bay, St. Lucia | 13° 44' | 60° 58' | −6 02 | −5 38 | *0.69 | *0.69 | 0.9 | – – | 0.7 |
| | | | | **on Cristobal, p.236** | | | | | | |
| 4621 | Kingstown, St. Vincent <15> | 13° 10' | 61° 13' | −7 09 | −6 38 | *1.53 | *1.53 | 2.0 | 2.7 | 1.4 |
| 4623 | Bridgetown, Barbados | 13° 06' | 59° 38' | −6 28 | −5 47 | *1.30 | *1.30 | 1.7 | 2.1 | 1.0 |
| 4625 | Grenada | 12° 04' | 61° 45' | −7 26 | −6 51 | *0.92 | *0.92 | 1.2 | 1.5 | 0.8 |
| 4627 | Scarborough, Tobago | 11° 11' | 60° 44' | −6 40 | −6 22 | *1.60 | *1.60 | 2.1 | 2.7 | 1.4 |
| 4629 | Schottegat, Curacao † | 12° 07' | 68° 56' | +0 25 | +1 09 | *0.82 | *0.82 | – – | 0.9 | 0.5 |
| 4631 | St. Nicolaas Bay, Aruba † | 12° 26' | 69° 54' | – – – | – – – | – – – | – – – | – – | 0.8 | 0.4 |
| | COLOMBIA <13><br>Time meridian, 75° W | | | **on Hampton Roads, p.120** | | | | | | |
| 4633 | Isla de Providencia | 13° 20' | 81° 23' | +7 53 | +7 53 | *0.28 | *0.28 | 0.7 | 1.1 | 0.4 |
| | | | | **on Cristobal, p.236** | | | | | | |
| 4635 | Turbo | 8° 10' | 76° 45' | −0 49 | −0 30 | *1.43 | *1.43 | 1.0 | 1.4 | 0.6 |
| 4637 | Covenas | 9° 20' | 75° 40' | −1 06 | −0 46 | *1.14 | *1.14 | 0.8 | 1.2 | 0.5 |
| 4639 | Cartagena, Bahia de Cartagena | 10° 24' | 75° 33' | −1 16 | −0 48 | *1.00 | *1.00 | 0.7 | 1.1 | 0.4 |
| 4641 | Puerto Colombia | 11° 00' | 74° 58' | −0 52 | −1 08 | *1.29 | *1.29 | 0.9 | 1.3 | 0.5 |
| 4643 | Santa Marta | 11° 18' | 74° 12' | −1 19 | −1 08 | *1.00 | *1.00 | 0.7 | 1.1 | 0.4 |
| 4645 | Riohacha | 11° 33' | 72° 55' | −1 54 | −1 09 | *1.00 | *1.00 | 0.7 | 1.1 | 0.4 |
| | VENEZUELA<br>Time meridian, 60° W | | | **on Isla Zapara, p.264** | | | | Mean | Spring | |
| 4647 | ISLA ZAPARA, Lake Maracaibo | 11° 00' | 71° 35' | | *Daily predictions* | | | 2.8 | 3.0 | 2.7 |
| 4649 | Bahia de Tablazos, Lake Maracaibo | 10° 53' | 71° 35' | +0 30 | +0 11 | *0.61 | *0.31 | 2.1 | 2.3 | 1.5 |
| 4651 | Punta de Palmas | 10° 48' | 71° 37' | +0 35 | +0 16 | *0.49 | *0.31 | 1.6 | 1.8 | 1.2 |
| | | | | **on Amuay, p.268** | | | | Mean | Diurnal | |
| 4653 | AMUAY | 11° 45' | 70° 13' | | *Daily predictions* | | | – – | 1.2 | 0.6 |
| 4655 | La Guaira † | 10° 36' | 66° 56' | −2 29 | −1 59 | +0.8 | +1.0 | – – | 1.0 | 1.5 |
| 4657 | Carenero † | 10° 32' | 66° 07' | −1 51 | −1 59 | +0.8 | +1.0 | – – | 1.0 | 1.5 |
| 4659 | Cumana † | 10° 28' | 64° 11' | −2 37 | −1 02 | −0.1 | 0.0 | – – | 1.1 | 0.5 |
| 4661 | Porlamar, Isla de Margarita † | 10° 57' | 63° 51' | −1 19 | −0 59 | +0.6 | 0.0 | – – | 1.8 | 0.9 |
| 4663 | Carupano † | 10° 40' | 63° 15' | −1 17 | −0 42 | +0.2 | 0.0 | – – | 1.4 | 0.7 |
| | | | | **on Punta Gorda, p.272** | | | | Mean | Spring | |
| | *Gulf of Paria* | | | | | | | | | |
| 4665 | Macuro | 10° 39' | 61° 56' | −1 15 | −2 05 | *0.38 | *0.38 | 2.2 | 2.7 | 1.4 |
| 4667 | Puerto de Hierro | 10° 37' | 62° 05' | −0 46 | −1 19 | *0.59 | *0.59 | 3.3 | 4.2 | 2.0 |
| 4669 | Barra de Maturin, channel entrance | 10° 18' | 62° 31' | −0 22 | −0 45 | −1.0 | +0.2 | 4.6 | 5.7 | 2.8 |
| 4671 | PUNTA GORDA, Rio San Juan | 10° 10' | 62° 38' | | *Daily predictions* | | | 5.8 | 7.1 | 3.2 |
| 4673 | Boca Pedernales entrance | 10° 01' | 62° 12' | −0 03 | −0 34 | −1.3 | +0.2 | 4.3 | 5.4 | 2.6 |
| 4675 | Rio Orinoco entrance, Isla Ramon Isidro | 8° 39' | 60° 35' | +0 07 | −0 12 | +0.2 | +1.0 | 5.0 | 6.7 | 3.8 |
| | TRINIDAD | | | | | | | | | |
| 4677 | Staubles Bay | 10° 41' | 61° 39' | −1 07 | −2 02 | (*0.33+1.7) | | 1.9 | 2.5 | 2.8 |
| 4679 | Carenage Bay | 10° 41' | 61° 36' | −0 58 | −1 40 | (*0.34+1.6) | | 2.0 | 2.6 | 2.7 |
| 4681 | Port of Spain | 10° 39' | 61° 31' | −0 44 | −1 12 | (*0.31+1.4) | | 1.8 | 2.3 | 2.4 |
| 4683 | Bonasse pier | 10° 05' | 61° 52' | −0 43 | −1 15 | −1.0 | +1.4 | 3.4 | 4.4 | 3.4 |
| 4685 | Erin Bay | 10° 04' | 61° 39' | −0 50 | −1 41 | −0.3 | +1.2 | 4.3 | 5.6 | 3.6 |
| 4687 | Guayaguayare Bay | 10° 09' | 61° 01' | −1 32 | −2 09 | (*0.53+1.3) | | 3.1 | 3.8 | 3.0 |
| 4689 | Nariva River | 10° 24' | 61° 02' | −1 06 | −2 16 | (*0.41+1.3) | | 2.4 | 3.1 | 2.5 |
| | GUYANA<br>Time meridian, 56° 15' W | | | **on Suriname Rivier, p.276** | | | | | | |
| 4691 | Parika, Essequibo River | 6° 52' | 58° 25' | +0 07 | +0 31 | +1.6 | +1.0 | 6.6 | 8.3 | 5.6 |
| 4693 | Georgetown | 6° 48' | 58° 10' | −0 13 | −0 29 | +0.9 | +1.1 | 5.8 | 8.0 | 5.3 |
| | SURINAM<br>Time meridian, 45° W | | | | | | | | | |
| 4695 | Nickerie River | 5° 57' | 56° 59' | +0 09 | +0 21 | +1.1 | 0.0 | 7.1 | 9.2 | 4.9 |
| 4697 | SURINAME RIVIER ENTRANCE | 6° 00' | 55° 14' | | *Daily predictions* | | | 6.0 | 7.6 | 4.3 |
| 4699 | Paramaribo, Suriname Rivier | 5° 49' | 55° 09' | +1 09 | +1 42 | 0.0 | 0.0 | 6.0 | 7.3 | 4.3 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **North** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | FRENCH GUIANA<br>Time meridian, 60° W | | | | **on Suriname Rivier, p.276** | | | | | |
| 4701 | Rio Maroni entrance | 5° 45' | 53° 58' | +0 18 | +0 24 | +0.7 | +1.2 | 5.5 | 7.2 | 5.2 |
| 4703 | Iles du Salut | 5° 17' | 52° 35' | −0 07 | −0 07 | +1.7 | +2.2 | 5.5 | 7.2 | 6.2 |
| 4705 | Cayenne | 4° 56' | 52° 20' | +0 15 | +0 15 | +2.4 | +1.8 | 6.6 | 7.8 | 6.4 |
| | BRAZIL <16><br>Time meridian, 45° W | | | | | | | | | |
| 4707 | Cape Cassipore | 3° 49' | 51° 01' | +1 24 | +1 19 | +1.5 | +0.3 | 7.2 | 9.5 | 5.2 |
| 4709 | Rio Cunani entrance | 2° 50' | 50° 53' | +2 10 | +2 24 | (*2.42−0.2) | | 14.5 | 19.0 | 10.1 |
| | | **South** | **West** | | | | | | | |
| 4711 | Ilha de Maraca anchorage | 2° 09' | 50° 30' | +1 40 | +1 52 | (*2.42−0.2) | | 14.5 | 19.0 | 10.1 |
| 4713 | Ilha do Brigue, Amazon River | 0° 55' | 50° 05' | +7 09 | +7 40 | +8.3 | +1.1 | 13.2 | 15.7 | 9.0 |
| 4715 | Ponta Pedreira, Amazon River | 0° 11' | 50° 43' | +6 31 | +6 43 | *2.08 | *2.23 | 12.3 | 16.2 | 9.0 |
| 4717 | Macapa, Amazon River | 0° 03' | 51° 11' | +10 57 | +12 13 | +2.8 | +0.4 | 8.4 | 9.5 | 5.9 |
| 4719 | Canal de Braganca, Rio Para entrance | 0° 23' | 47° 55' | +6 09 | +6 09 | +1.8 | −0.1 | 7.9 | 10.4 | 5.1 |
| 4721 | Salinopolis | 0° 39' | 47° 23' | +2 38 | +2 52 | *1.99 | *1.54 | 12.5 | 15.9 | 8.3 |
| 4723 | Belem (Para) | 1° 27' | 48° 30' | +6 34 | +7 37 | +2.9 | +0.7 | 8.2 | 10.1 | 6.1 |
| 4725 | Ilhas de Sao Joao | 1° 17' | 44° 55' | +1 31 | +1 31 | *1.70 | *1.31 | 10.7 | 14.1 | 7.0 |
| 4727 | Sao Luiz | 2° 32' | 44° 18' | +2 28 | +2 25 | (*2.35−0.7) | | 14.1 | 17.1 | 9.3 |
| 4729 | Santana, Recifes de | 2° 16' | 43° 36' | +0 46 | +0 45 | *1.58 | *1.15 | 10.0 | 13.1 | 6.5 |
| 4731 | Tutoia, Baia da | 2° 46' | 42° 14' | +0 11 | +0 10 | +2.4 | +0.4 | 8.0 | 10.0 | 5.7 |
| 4733 | Luis Correia | 2° 53' | 41° 40' | +0 01 | +0 13 | +1.8 | +0.4 | 7.4 | 9.4 | 5.4 |
| 4735 | Camocim | 2° 53' | 40° 52' | +1 07 | +1 06 | +2.0 | +0.4 | 7.6 | 9.7 | 5.5 |
| 4737 | Rio Ceara (bar) | 3° 41' | 38° 37' | −0 13 | −0 21 | +0.2 | −0.1 | 6.3 | 8.3 | 4.3 |
| 4739 | Fortaleza | 3° 43' | 38° 29' | −0 08 | −0 12 | +0.2 | −0.3 | 6.5 | 8.5 | 4.2 |
| | Time meridian, 30° W | | | | **n Recife, p.280** | | | | | |
| 4741 | Fernando de Noronha | 3° 50' | 32° 25' | +1 32 | +1 33 | −1.2 | −0.5 | 4.5 | 6.0 | 2.9 |
| 4743 | Rocas, Atol das | 3° 51' | 33° 49' | +1 43 | +1 44 | +2.3 | 0.0 | 7.5 | 10.0 | 4.9 |
| | Time meridian, 45° W | | | | | | | | | |
| 4745 | Macau, Rio Acu | 5° 06' | 36° 41' | +1 29 | +1 58 | +0.6 | −0.1 | 5.9 | 7.6 | 4.1 |
| 4747 | Natal | 5° 47' | 35° 12' | +0 28 | +0 30 | +0.1 | −0.2 | 5.5 | 7.3 | 3.7 |
| 4749 | Cabedelo | 6° 58' | 34° 50' | +0 36 | +0 37 | +0.1 | −0.2 | 5.5 | 7.2 | 3.7 |
| 4751 | Tambau | 7° 06' | 34° 50' | −0 04 | −0 03 | +0.7 | −0.1 | 6.0 | 7.6 | 4.1 |
| 4753 | RECIFE | 8° 03' | 34° 52' | | *Daily predictions* | | | 5.3 | 7.1 | 3.8 |
| 4755 | Maceio | 9° 40' | 35° 43' | +0 10 | +0 14 | −0.3 | −0.2 | 5.1 | 6.8 | 3.6 |
| 4757 | Rio Sao Francisco (bar) | 10° 31' | 36° 24' | +0 06 | +0 14 | −0.7 | 0.0 | 4.5 | 6.0 | 3.5 |
| 4759 | Aracaju | 10° 56' | 37° 03' | +0 33 | +0 48 | −0.8 | −0.3 | 4.7 | 6.1 | 3.3 |
| 4761 | Salvador | 12° 58' | 38° 31' | −0 02 | −0 08 | +0.6 | +0.4 | 5.5 | 7.4 | 4.3 |
| 4763 | Ponta da Areia | 12° 47' | 38° 30' | +0 10 | +0 06 | +0.6 | −0.1 | 5.9 | 7.6 | 4.0 |
| 4765 | Morro de Sao Paulo | 13° 21' | 38° 54' | −0 11 | −0 13 | −0.6 | 0.0 | 4.6 | 6.0 | 3.5 |
| 4767 | Camamu | 13° 54' | 38° 58' | −0 08 | −0 04 | −0.2 | +0.1 | 4.9 | 6.5 | 3.8 |
| 4769 | Ilheus | 14° 48' | 39° 02' | −0 33 | −0 32 | −0.9 | −0.3 | 4.6 | 5.8 | 3.2 |
| 4771 | Canavieiras | 15° 40' | 38° 56' | +0 16 | +0 22 | −1.0 | −0.2 | 4.5 | 5.8 | 3.1 |
| 4773 | Santa Cruz Cabralia | 16° 17' | 39° 02' | −0 35 | −0 35 | −1.2 | −0.5 | 4.5 | 6.0 | 2.9 |
| 4775 | Cumuruxatiba | 17° 06' | 39° 11' | −0 23 | −0 09 | +0.4 | +0.3 | 5.3 | 7.2 | 4.2 |
| 4777 | Caravelas | 17° 43' | 39° 09' | −0 50 | −0 49 | −0.8 | −0.5 | 4.9 | 6.4 | 3.1 |
| 4779 | Abrolhos Anchorage | 17° 58' | 38° 42' | −0 01 | +0 04 | +0.6 | +0.1 | 5.7 | 7.6 | 4.2 |
| 4781 | Vitoria | 20° 19' | 40° 19' | −0 34 | −0 35 | *0.66 | *0.75 | 3.3 | 4.6 | 2.6 |
| 4783 | Guarapari | 20° 40' | 40° 30' | +0 12 | +0 17 | *0.62 | *0.75 | 3.1 | 4.2 | 2.5 |
| | | | | | **on Rio de Janeiro, p.284** | | | | | |
| 4785 | Sao Joao da Barra | 21° 38' | 41° 03' | +0 34 | −0 42 | −0.1 | −0.2 | 2.6 | 3.6 | 2.1 |
| 4787 | Macae (Imbitiba Bay) | 22° 23' | 41° 46' | −0 23 | −1 08 | 0.0 | −0.2 | 2.7 | 3.6 | 2.1 |
| 4789 | Armacao dos Buzios | 22° 45' | 41° 53' | −0 01 | −0 55 | −0.1 | −0.1 | 2.5 | 3.4 | 2.1 |
| 4791 | Cabo Frio | 23° 00' | 42° 03' | −0 03 | −0 05 | *0.91 | *0.90 | 2.3 | 3.2 | 2.0 |
| 4793 | RIO DE JANEIRO | 22° 54' | 43° 10' | | *Daily predictions* | | | 2.5 | 3.5 | 2.2 |
| 4795 | Itacurussa | 22° 56' | 43° 55' | +0 50 | −0 26 | 0.0 | −0.1 | 2.6 | 3.3 | 2.2 |
| 4797 | Angra dos Reis | 23° 01' | 44° 19' | −0 35 | −0 40 | *0.86 | *0.86 | 2.1 | 3.0 | 1.9 |
| 4799 | Parati | 23° 14' | 44° 43' | −0 09 | −1 25 | −0.1 | 0.0 | 2.4 | 3.4 | 2.2 |
| 4801 | Sao Sebastiao | 23° 49' | 45° 24' | −0 28 | −1 24 | *0.94 | *1.00 | 2.3 | 3.3 | 2.2 |
| 4803 | SANTOS | 23° 57' | 46° 19' | | *Daily predictions, p.288* | | | 2.6 | 3.8 | 2.4 |
| 4805 | Cananeia | 25° 01' | 47° 56' | +1 09 | −1 09 | +0.4 | +0.2 | 2.7 | 4.1 | 2.6 |
| 4807 | Paranagua | 25° 31' | 48° 27' | +1 51 | −1 32 | +1.8 | +0.2 | 4.1 | 6.0 | 3.2 |
| 4809 | Sao Francisco do Sul | 26° 15' | 48° 38' | +0 38 | − − − | +0.8 | −0.1 | 3.4 | 4.8 | 2.6 |
| 4811 | Itajai | 26° 54' | 48° 39' | −0 08 | −0 16 | (*0.76+0.4) | | 1.9 | 2.8 | 2.1 |
| 4813 | Porto Belo | 27° 09' | 48° 33' | −0 38 | −0 28 | *0.74 | *0.74 | 1.8 | 2.5 | 1.7 |
| 4815 | Florianopolis | 27° 36' | 48° 34' | −0 14 | +0 15 | *0.69 | *0.70 | 1.7 | 2.4 | 1.6 |
| 4817 | Imbituba | 28° 14' | 48° 39' | −0 17 | −1 10 | *0.54 | *0.50 | 1.4 | 2.0 | 1.2 |
| 4819 | Laguna | 28° 30' | 48° 47' | +1 10 | −1 31 | (*0.32+0.4) | | 0.8 | 1.2 | 1.1 |
| 4821 | Barra do Rio Grande <18> † | 32° 10' | 52° 05' | − − − | − − − | − − − | − − − | − − | 0.8 | 0.3 |
| | URUGUAY | | | | **on Buenos Aires, p.292** | | | | | |
| 4823 | Montevideo | 34° 55' | 56° 13' | −5 10 | −7 11 | (*0.52+1.6) | | 1.1 | 1.4 | 3.0 |
| 4825 | Colonia, Rio de la Plata | 34° 28' | 57° 51' | +0 17 | −0 33 | (*0.52+1.2) | | 1.1 | 1.3 | 2.6 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION Latitude | POSITION Longitude | DIFFERENCES Time High Water | DIFFERENCES Time Low Water | DIFFERENCES Height High Water | DIFFERENCES Height Low Water | RANGES Mean | RANGES Spring | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | **South** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | ARGENTINA<br>Time meridian, 45° W | | | | **on Buenos Aires, p.292** | | | | | |
| | *Rio de la Plata* | | | | | | | | | |
| 4827 | BUENOS AIRES | 34° 34' | 58° 23' | | *Daily predictions* | | | 2.1 | 2.5 | 2.6 |
| 4829 | La Plata | 34° 50' | 57° 53' | −1 50 | −2 04 | +0.2 | +0.6 | 1.7 | 2.0 | 3.0 |
| 4831 | Banco Chico | 34° 50' | 57° 30' | −3 00 | −3 24 | +0.8 | +0.8 | 2.1 | 2.5 | 3.4 |
| 4833 | Banco Cuirassier | 35° 06' | 57° 08' | −5 25 | −5 39 | +0.8 | +0.8 | 2.1 | 2.5 | 3.4 |
| 4835 | Punta Piedras | 35° 26' | 57° 07' | −7 10 | −7 23 | +2.2 | +1.1 | 3.2 | 3.8 | 4.2 |
| 4837 | Punta Norte del Cabo San Antonio <17> | 36° 18' | 56° 47' | −8 50 | −9 26 | +1.2 | +0.3 | 3.0 | 3.7 | 3.3 |
| 4839 | Mar del Plata <17> | 38° 03' | 57° 33' | −0 02 | +0 14 | +0.7 | +0.2 | 2.6 | 3.0 | 3.0 |
| 4841 | Quequen <17> | 38° 35' | 58° 42' | −0 18 | −0 22 | +1.5 | −0.3 | 3.9 | 4.2 | 3.2 |
| | | | | | **on Puerto Ingeniero White, p.296** | | | | | |
| 4843 | Faro Recalada | 39° 00' | 61° 16' | −0 48 | −0 28 | −4.9 | −1.3 | 6.5 | 7.1 | 5.3 |
| 4845 | Monte Hermoso | 38° 59' | 61° 41' | −0 46 | −0 40 | −3.4 | −1.2 | 7.9 | 9.1 | 6.2 |
| | *Bahia Blanca* | | | | | | | | | |
| 4847 | Punta Ancla | 38° 57' | 62° 00' | −0 57 | −0 21 | −1.9 | −0.9 | 9.1 | 9.9 | 7.1 |
| 4849 | Puerto Rosales | 38° 55' | 62° 04' | −0 28 | −0 06 | −0.5 | −0.5 | 10.1 | 11.0 | 8.0 |
| 4851 | Puerto Belgrano | 38° 53' | 62° 06' | −0 22 | −0 07 | −0.5 | −0.3 | 9.9 | 11.0 | 8.0 |
| 4853 | PUERTO INGENIERO WHITE | 38° 47' | 62° 16' | | *Daily Predictions* | | | 10.1 | 11.6 | 8.5 |
| 4855 | General Daniel Cerri | 38° 45' | 62° 24' | +0 16 | +0 20 | +1.8 | +0.1 | 11.8 | 12.9 | 9.4 |
| 4857 | Canal del Sur, Isla Bermejo | 39° 01' | 61° 58' | −0 55 | −0 24 | −2.2 | −0.9 | 8.8 | 9.6 | 6.9 |
| 4859 | Canal Bermejo, Isla Trinidad | 39° 05' | 61° 58' | −0 57 | −0 26 | −2.7 | −1.0 | 8.4 | 9.2 | 6.6 |
| 4861 | Punta Lobos, Isla Trinidad | 39° 11' | 61° 52' | −0 58 | −0 41 | −3.3 | −1.2 | 8.0 | 8.8 | 6.2 |
| 4863 | El Chara (Punta Laberinto) | 39° 26' | 62° 03' | −1 19 | −0 51 | −2.9 | −1.0 | 8.3 | 9.2 | 6.5 |
| 4865 | Bahia Anegada, Islote NW | 40° 01' | 62° 10' | −2 07 | −2 00 | (*0.63 | −0.6) | 6.4 | 7.1 | 4.8 |
| 4867 | Bahia San Blas | 40° 33' | 62° 14' | −3 47 | −3 41 | *0.50 | *0.35 | 5.6 | 6.0 | 4.0 |
| 4869 | Faro Segunda Barranca | 40° 47' | 62° 17' | −4 51 | −4 40 | (*0.53 | −0.5) | 5.4 | 5.9 | 4.0 |
| 4871 | Punta Redonda, Rio Negro entrance | 41° 02' | 62° 46' | −6 16 | −6 10 | −1.6 | −1.4 | 9.9 | 11.2 | 7.0 |
| | | | | | **on Comodoro Rivadavia, p.300** | | | | | |
| | *Golfo San Matias* | | | | | | | | | |
| 4873 | Caleta de los Loros | 41° 02' | 64° 06' | +7 14 | +7 08 | *1.45 | *1.39 | 20.3 | 24.0 | 14.8 |
| 4875 | Puerto San Antonio | 40° 48' | 64° 52' | +7 30 | +7 23 | (*1.57 | −1.6) | 21.9 | 25.6 | 14.6 |
| | *Golfo San Jose* | | | | | | | | | |
| 4877 | San Roman | 42° 15' | 64° 14' | +7 15 | +7 18 | (*1.42 | −1.1) | 19.8 | 23.4 | 13.5 |
| 4879 | Pueyrredon (Fondeadero) | 42° 24' | 64° 09' | +7 46 | +7 40 | (*1.52 | −2.2) | 21.2 | 24.6 | 13.5 |
| 4881 | La Argentina (Fondeadero) | 42° 23' | 64° 34' | +7 04 | +6 58 | *1.31 | *1.36 | 18.0 | 23.3 | 13.5 |
| 4883 | Punta Norte | 42° 05' | 63° 46' | +6 50 | +6 44 | −0.8 | −1.4 | 14.5 | 17.0 | 9.5 |
| 4885 | Caleta Valdes | 42° 31' | 63° 36' | +5 04 | +4 58 | −5.2 | −1.9 | 10.6 | 12.4 | 6.7 |
| 4887 | Punta Delgada | 42° 46' | 63° 38' | +4 08 | +4 02 | −5.8 | −2.0 | 10.1 | 11.7 | 6.4 |
| | *Golfo Nuevo* | | | | | | | | | |
| 4889 | Punta Ninfas (Fondeadero) | 42° 57' | 64° 25' | +2 48 | +3 31 | −2.3 | −1.0 | 12.6 | 15.4 | 8.6 |
| 4891 | Puerto Piramides | 42° 35' | 64° 17' | +2 56 | +3 33 | −2.7 | −1.3 | 12.5 | 15.0 | 8.3 |
| 4893 | Puerto Madryn | 42° 46' | 65° 02' | +3 08 | +3 42 | −0.8 | −0.1 | 13.2 | 16.0 | 9.8 |
| 4895 | Bahia Engano | 43° 20' | 65° 04' | +2 06 | +2 00 | −2.7 | −1.3 | 12.5 | 15.2 | 8.2 |
| 4897 | Isla Escondida | 43° 43' | 65° 17' | +2 10 | +2 05 | −3.3 | −0.3 | 10.9 | 13.1 | 8.5 |
| 4899 | Bahia Janssen | 44° 02' | 65° 14' | +1 48 | +2 03 | −4.1 | −1.9 | 11.7 | 13.9 | 7.3 |
| 4901 | Cabo Raso | 44° 20' | 65° 14' | +1 41 | +1 26 | −4.8 | −1.6 | 10.7 | 12.4 | 7.0 |
| 4903 | Bahia Cruz | 44° 27' | 65° 19' | +2 13 | +2 07 | −6.1 | −2.1 | 9.9 | 11.5 | 6.2 |
| 4905 | Santa Elena, Puerto | 44° 31' | 65° 22' | +1 45 | +1 40 | −3.1 | −0.4 | 11.2 | 13.6 | 8.5 |
| 4907 | Bahia Camarones | 44° 54' | 65° 36' | +1 10 | +1 14 | −2.3 | +0.1 | 11.5 | 13.7 | 9.2 |
| | *Golfo San Jorge* | | | | | | | | | |
| 4909 | Caleta Leones | 45° 03' | 65° 37' | +1 11 | +1 05 | −0.7 | −0.2 | 13.4 | 14.7 | 9.8 |
| 4911 | Bahia Gil (Caleta Horno) | 45° 02' | 65° 41' | +0 42 | +0 36 | −1.7 | +0.3 | 11.9 | 14.1 | 9.6 |
| 4913 | Puerto Melo | 45° 01' | 65° 50' | +0 27 | +0 24 | −1.5 | +0.1 | 12.3 | 14.6 | 9.6 |
| 4915 | Isla Tova | 45° 06' | 65° 59' | +0 27 | +0 24 | −1.5 | +0.1 | 12.3 | 14.6 | 9.6 |
| 4917 | Bahia Bustamante | 45° 07' | 66° 32' | +0 28 | +0 23 | −0.8 | +0.7 | 12.4 | 14.7 | 10.2 |
| 4919 | COMODORO RIVADAVIA | 45° 52' | 67° 29' | | *Daily predictions* | | | 14.0 | 16.3 | 10.3 |
| 4921 | Cabo Blanco | 47° 12' | 65° 45' | −1 15 | −1 20 | −2.3 | −0.3 | 11.9 | 13.2 | 9.0 |
| 4923 | Puerto Deseado | 47° 45' | 65° 55' | −2 52 | −2 44 | −0.6 | +1.0 | 12.4 | 14.5 | 10.5 |
| 4925 | Bahia Oso Marino | 47° 56' | 65° 48' | −3 35 | −3 40 | −1.2 | +1.2 | 11.5 | 14.1 | 10.3 |
| 4927 | Bahia de los Nodales | 48° 01' | 65° 57' | −3 01 | −3 06 | −1.2 | +0.1 | 12.6 | 15.3 | 9.7 |
| 4929 | Bahia Laura | 48° 23' | 66° 29' | −5 28 | −5 28 | +6.7 | −1.9 | 22.5 | 25.4 | 12.7 |
| 4931 | Bahia San Julian (Punta Pena) | 49° 15' | 67° 40' | −4 58 | −5 04 | (*1.40 | −1.4) | 19.5 | 23.6 | 13.0 |
| | | | | | **on Punta Loyola, p.304** | | | | | |
| 4933 | Santa Cruz (Punta Quilla) | 50° 07' | 68° 25' | +0 43 | +0 44 | +0.2 | +0.1 | 26.0 | 32.4 | 20.4 |
| 4935 | Ria Coig | 50° 57' | 69° 10' | −0 05 | −0 04 | 0.0 | −0.7 | 26.6 | 32.2 | 19.9 |
| 4937 | PUNTA LOYOLA | 51° 36' | 69° 01' | | *Daily predictions* | | | 25.9 | 32.4 | 20.3 |
| 4939 | Rio Gallegos (Reduccion Beacon) | 51° 37' | 69° 13' | +0 21 | +0 30 | +4.2 | +1.1 | 29.0 | 36.2 | 22.9 |
| 4941 | Cabo Virgenes | 52° 21' | 68° 22' | −0 36 | −0 55 | −2.1 | 0.0 | 23.8 | 29.8 | 19.2 |
| | Tierra del Fuego <19> | | | | **on Comodoro Rivadavia, p.300** | | | | | |
| 4943 | Bahia San Sebastian | 53° 10' | 68° 30' | −7 50 | −7 55 | *1.69 | *1.91 | 22.8 | 28.6 | 17.7 |
| 4945 | Rio Grande (Muelle) | 53° 48' | 67° 41' | −7 50 | −7 55 | *1.15 | *1.18 | 15.8 | 19.2 | 11.8 |
| 4947 | Cabo San Pablo | 54° 17' | 66° 42' | −8 48 | −8 53 | *1.17 | *1.27 | 16.0 | 19.3 | 12.2 |
| | | | | | **on Puerto Ingeniero White, p.296** | | | | | |
| 4949 | Bahia Thetis | 54° 38' | 65° 15' | +1 00 | +1 07 | −2.0 | −0.6 | 8.7 | 10.6 | 7.2 |

Endnotes can be found at the end of table 2.

# TABLE 2 – TIDAL DIFFERENCES AND OTHER CONSTANTS

| No. | PLACE | POSITION | | DIFFERENCES | | | | RANGES | | Mean Tide Level |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Time | | Height | | | | |
| | | Latitude | Longitude | High Water | Low Water | High Water | Low Water | Mean | Spring | |
| | | **South** | **West** | h m | h m | ft | ft | ft | ft | ft |
| | SOUTH ATLANTIC OCEAN ISLANDS<br>Time meridian, 60° W | | | | **on Pictou, p.8** | | | | | |
| | *Falkland Islands* | | | | | | | | | |
| 4951 | Port Louis (Berkeley Sound) . . . . . | 51° 33’ | 58° 09’ | +7 50 | +7 47 | −0.9 | −1.0 | 3.3 | 4.2 | 3.0 |
| 4953 | Stanley Harbor . . . . . | 51° 42’ | 57° 51’ | +7 51 | +7 48 | −1.0 | −1.0 | 3.2 | 4.2 | 2.9 |
| | *South Georgia* | | | | | | | | | |
| 4955 | Royal Bay (Moltke Harbor) . . . . . | 54° 31’ | 36° 01’ | +9 58 | +10 19 | *0.36 | *0.13 | 1.7 | 2.3 | 1.2 |
| 4957 | Leith Harbor . . . . . | 54° 08’ | 36° 41’ | +9 15 | +9 35 | *0.64 | *0.65 | 2.0 | 2.7 | 2.5 |
| | Time meridian, local | | | | | | | | | |
| | *South Orkneys* | | | | | | | | | |
| 4959 | Scotia Bay, Laurie Island . . . . . | 60° 44’ | 44° 39’ | +8 21 | +8 32 | −0.3 | −0.6 | 3.5 | 5.0 | 3.5 |
| | *South Shetlands* | | | | | | | | | |
| 4961 | Port Foster, Deception Island . . . . . | 62° 58’ | 60° 34’ | +8 26 | +8 38 | 0.0 | −0.1 | 3.3 | 4.3 | 3.9 |
| | Time meridian, 45° W | | | | | | | | | |
| 4963 | Admiralty Bay . . . . . | 62° 03’ | 58° 24’ | +9 49 | +10 05 | −0.5 | −0.4 | 3.1 | 4.4 | 3.5 |

Endnotes can be found at the end of table 2.

# ENDNOTES

* RATIO. If the ratio is accompanied by a correction factor multiply the heights of the high and low waters at the reference station by the ratio and then apply the correction factor. See note and example on pages 309 and 310.

† The tide at this location is chiefly diurnal. SEE CAUTION NOTE ON PAGE 309.

<1> Neap low water falls lower than spring low water.

<2> Wharves are dry at low water.

<3> There is a bore in the Petitcodiac River. It arrives at Moncton about 1h 38m before high water at St. John: its height is about 3 to 3 1/2 feet on average spring tides, but it sometimes exceeds 5 feet on highest tides. On small tides it is not much more than a large ripple.

<4> The Reversing Falls at St. John—The most turbulence in the gorge occurs on days when the tides are largest. On largest tides the outward fall is between 15 and 16 1/2 feet and is accompanied by a greater turbulence than the inward fall which is between 11 and 12 1/2 feet. The outward fall is at its greatest between 2 hours before and 1 hour after low water at St John: the inward fall is greater just before the time of high water.

<5> For Eastern Standard, time subtract one hour from the predictions obtained using these differences.

<6> Low water time difference is +2h 47m. SEE CAUTION NOTE ON PAGE 321.

<7> Tidal information applies only during low river stages.

<8> Values for the Hudson River above the George Washington Bridge are based upon averages for the six months May to October, when the freshwater discharge is at a minimum.

<9> In Albermarle and Pamlico Sounds, except near the inlets, the periodic tide has a mean range of less than 0.5 foot.

<11> In Choctawhatchee and Perdido Bays the periodic tide has a mean range of less than 0.5 foot.

<12> At New Orleans the diurnal range of the tide during low river stages averages 0.8 foot. There is no periodic tide at high river stages.

<13> For places on the Pacific coast, see “Tide Tables, West Coast of North and South America.”

<14> Inside, in the various bays, except near the inlets, the periodic tide has a mean range of less than 0.5 foot.

<15> Spring range is given instead of diurnal range.

<16> A “Pororoca”, a bore, reported to vary from 5 to 15 feet at spring tides, occurs in the Araguary, Guama and Guajara Rivers.

<17> Predictions will be approximate.

<18> Diurnal range is given instead of spring range.

<19> For places in Magellan Strait, on the south coast of Tierra del Fuego and on the Pacific coast, see “Tide Tables, West Coast of North and South America.”

<20> The time differences should be applied only to the higher high and the lower low water times of the reference station.

<21> From Oak Hill southward in Mosquito Lagoon the periodic tide is negligible.

<22> In Indian River north of Palm Bay, in Banana River and in Banana Creek, the periodic tides are negligible.

<24> The periodic tide is negligible, at this location and above.

<25> Data is for low river levels. At high levels the tidal range is reduced.

<26> The periodic range of the tide is negligible at this location.

<27> The periodic range of the tide is negligible inside Sugarloaf Sound.

<29> “The times listed for this reference station are the Greenwich Intervals for high water and low water respectively. Please see the discussion at the beginning of Table 2 under the heading ”Time differences".

# TABLE 3. —HEIGHT OF TIDE AT ANY TIME

## EXPLANATION OF TABLE

Although the footnote of table 3 may contain sufficient explanation for finding the height of tide at any time, two examples are given here to illustrated its use.

*Example 1.*—Find the height of the tide at 0755 at New York (The Battery), New York, on a day when the predicted tides from table 1 are given as:

| *Low Water* | |
|---|---|
| *Time* | *Height* |
| *h.m.* | *ft* |
| 0522 | 0.1 |
| 1741 | 0.6 |

| *High Water* | |
|---|---|
| *Time* | *Height* |
| *h.m.* | *ft* |
| 1114 | 4.2 |
| 2310 | 4.1 |

An inspection of the above example shows that the desired time falls between the two morning tides

The duration of rise is $11^h\ 14^m - 5^h\ 22^m = 5^h\ 52^m$.

The time after low water for which the height is required is $7^h\ 55^m - 5^h\ 22^m = 2^h\ 33^m$.

The range of tide is 4.2 – 0.1 = 4.1 feet.

The duration of rise or fall in table 3 is given in heavy-faced type for each 20 minutes from $4^h\ 10^m$ to $10^h\ 40^m$. The nearest tabular value to $5^h\ 52^m$, the above duration of rise, is $6^h\ 00^m$; and on the horizontal line of $6^h\ 00^m$, the nearest tabular time to $2^h\ 33^m$ after low water for which the height is required is $2^h\ 36^m$ Following down the column in which this $2^h\ 36^m$ is found to its intersection with the line of the range 4.0 feet (the nearest tabular value to the above range of 4.1 feet), the correction is found to be 1.6 feet, which being reckoned from low water, must be added, making 0.1 + 1.6 = 1.7 feet or 52 centimeters which is the required height above mean lower low water, the datum for New York.

Example 2. —Find the height of the tide at 0300 at Somewhere, U.S.A. on a day when the predicted tides are given as:

| High Water | |
|---|---|
| *Time* | *Height* |
| *h.m.* | *ft* |
| 0012 | 11.3 |
| 1251 | 11.0 |

| Low Water | |
|---|---|
| *Time* | *Height* |
| *h.m.* | *ft* |
| 0638 | –2.0 |
| 1853 | –0.8 |

The duration of fall is $6^h\ 38^m - 00^h\ 12^m = 6^h\ 26^m$.

The time after high water for which the height is required is $3^h\ 00^m - 00^h\ 12^m = 2^h\ 48^m$.

The range of tide is 11.3 – (–2.0) = 13.3 feet.

Entering table 3 at the duration of fall of $6^h\ 20^m$, which is the nearest value to $6^h\ 26^m$, the nearest value on the horizontal line to $2^h\ 48^m$ is $2^h\ 45^m$ after high water. Follow down this column to its intersection with a range of 13.5 feet which is the nearest tabular value to 13.3 feet, one obtains 5.3 which, being calculated from high water, must be subtracted from it. The approximate height at $03^h\ 00^m$ is, therefore, 11.3 – 5.3 = 6.0 feet or 183 centimeters.

When the duration of rise or fall is greater than $10^h\ 40^m$, enter the table with one-half the given duration and with one-half the time from the nearest high or low water; but if the duration of rise or fall is less than 4 hours, enter the table with double the given duration and with double the time from the nearest high or low water.

## TABLE 3. —HEIGHT OF TIDE AT ANY TIME.

Similarly, when the range of tide is greater than 20 feet, enter the table with one-half the given range. The tabular correction should then be doubled before applying it to the given high or low water height. If the range of tide is greater than 40 feet, take one-third of the range and multiply the tabular correction by 3.

If the height at any time is desired for a place listed in table 2 predictions of the high and low waters for the day in question should be obtained by the use of the difference given for the place in that table. Having obtained these predictions, the height for any intermediate time is obtained in the same manner as illustrated in the foregoing example.

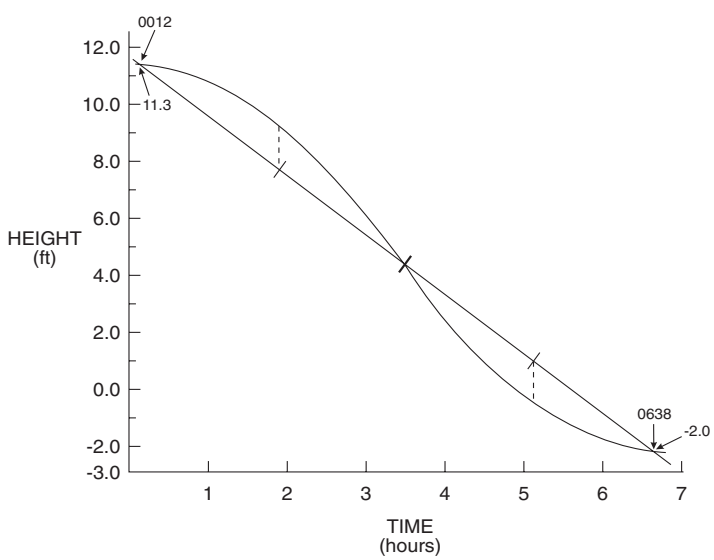
## GRAPHIC METHOD

If the height of the tide is required for a number of times on a certain day the full tide curve for the day may be obtained by the *one-quarter, one-tenth rule*. The procedure is as follows:

1. On cross-section paper plot the high and low water points in the order of their occurrence for the day, measuring time horizontally and height vertically. These are the basic points for the curve.
2. Draw light straight lines connecting the points representing successive high and low waters.
3. Divide each of these straight lines into four equal parts. The halfway point of each line gives another point for the curve.
4. At the quarter point adjacent to high water draw a vertical line above the point and at the quarter point adjacent to low water draw a vertical line below the point, making the length of these lines equal to one-tenth of the range between the high and low waters used. The points marking the ends of these vertical lines give two additional intermediate points for the curve.
5. Draw a smooth curve through the points of high and low waters and the intermediate points, making the curve well rounded near high and low waters. This curve will approximate the actual tide curve and heights for any time of the day may be readily scaled from it.

**Caution.—**Both methods presented are based on the assumption that the rise and fall conform to simple cosine curves. Therefore the heights obtained will be approximate. The roughness of approximation will vary as the tide curve differs from a cosine curve.

An example of the use of the graphical method is illustrated below. Using the same predicted tides as in example 2, the approximate height at $3^h\ 00^m$ could be determined as shown below.



# TABLE 3. —HEIGHT OF TIDE AT ANYTIME

| Duration of rise or fall, see footnote | Time from the nearest high water or low water | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* | *h. m.* |
| **4 10** | 0 08 | 0 16 | 0 24 | 0 32 | 0 40 | 0 48 | 0 56 | 1 04 | 1 12 | 1 20 | 1 28 | 1 36 | 1 44 | 1 52 | 2 00 |
| **4 20** | 0 09 | 0 17 | 0 26 | 0 35 | 0 43 | 0 52 | 1 01 | 1 09 | 1 18 | 1 27 | 1 35 | 1 44 | 1 53 | 2 01 | 2 10 |
| **4 40** | 0 09 | 0 19 | 0 28 | 0 37 | 0 47 | 0 56 | 1 05 | 1 15 | 1 24 | 1 33 | 1 43 | 1 52 | 2 01 | 2 11 | 2 20 |
| **5 00** | 0 10 | 0 20 | 0 30 | 0 40 | 0 50 | 1 00 | 1 10 | 1 20 | 1 30 | 1 40 | 1 50 | 2 00 | 2 10 | 2 20 | 2 30 |
| **5 20** | 0 11 | 0 21 | 0 32 | 0 43 | 0 53 | 1 04 | 1 15 | 1 25 | 1 36 | 1 47 | 1 57 | 2 08 | 2 19 | 2 29 | 2 40 |
| **5 40** | 0 11 | 0 23 | 0 34 | 0 45 | 0 57 | 1 08 | 1 19 | 1 31 | 1 42 | 1 53 | 2 05 | 2 16 | 2 27 | 2 39 | 2 50 |
| **6 00** | 0 12 | 0 24 | 0 36 | 0 48 | 1 00 | 1 12 | 1 24 | 1 36 | 1 48 | 2 00 | 2 12 | 2 24 | 2 36 | 2 48 | 3 00 |
| **6 20** | 0 13 | 0 25 | 0 38 | 0 51 | 1 03 | 1 16 | 1 29 | 1 41 | 1 54 | 2 07 | 2 19 | 2 32 | 2 45 | 2 57 | 3 10 |
| **6 40** | 0 13 | 0 27 | 0 40 | 0 53 | 1 07 | 1 20 | 1 33 | 1 47 | 2 00 | 2 13 | 2 27 | 2 40 | 2 53 | 3 07 | 3 20 |
| **7 00** | 0 14 | 0 28 | 0 42 | 0 56 | 1 10 | 1 24 | 1 38 | 1 52 | 2 06 | 2 20 | 2 34 | 2 48 | 3 02 | 3 16 | 3 30 |
| **7 20** | 0 15 | 0 29 | 0 44 | 0 59 | 1 13 | 1 28 | 1 43 | 1 57 | 2 12 | 2 27 | 2 41 | 2 56 | 3 11 | 3 25 | 3 40 |
| **7 40** | 0 15 | 0 31 | 0 46 | 1 01 | 1 17 | 1 32 | 1 47 | 2 03 | 2 18 | 2 33 | 2 49 | 3 04 | 3 19 | 3 35 | 3 50 |
| **8 00** | 0 16 | 0 32 | 0 48 | 1 04 | 1 20 | 1 36 | 1 52 | 2 08 | 2 24 | 2 40 | 2 56 | 3 12 | 3 28 | 3 44 | 4 00 |
| **8 20** | 0 17 | 0 33 | 0 50 | 1 07 | 1 23 | 1 40 | 1 57 | 2 13 | 2 30 | 2 47 | 3 03 | 3 20 | 3 37 | 3 53 | 4 10 |
| **8 40** | 0 17 | 0 35 | 0 52 | 1 09 | 1 27 | 1 44 | 2 01 | 2 19 | 2 36 | 2 53 | 3 11 | 3 28 | 3 45 | 4 03 | 4 20 |
| **9 00** | 0 18 | 0 36 | 0 54 | 1 12 | 1 30 | 1 48 | 2 06 | 2 24 | 2 42 | 3 00 | 3 18 | 3 36 | 3 54 | 4 12 | 4 30 |
| **9 20** | 0 19 | 0 37 | 0 56 | 1 15 | 1 33 | 1 52 | 2 11 | 2 29 | 2 48 | 3 07 | 3 25 | 3 44 | 4 03 | 4 21 | 4 40 |
| **9 40** | 0 19 | 0 39 | 0 58 | 1 17 | 1 37 | 1 56 | 2 15 | 2 35 | 2 54 | 3 13 | 3 33 | 3 52 | 4 11 | 4 31 | 4 50 |
| **10 00** | 0 20 | 0 40 | 1 00 | 1 20 | 1 40 | 2 00 | 2 20 | 2 40 | 3 00 | 3 20 | 3 40 | 4 00 | 4 20 | 4 40 | 5 00 |
| **10 20** | 0 21 | 0 41 | 1 02 | 1 23 | 1 43 | 2 04 | 2 25 | 2 45 | 3 06 | 3 27 | 3 47 | 4 08 | 4 29 | 4 49 | 5 10 |
| **10 40** | 0 21 | 0 43 | 1 04 | 1 25 | 1 47 | 2 08 | 2 29 | 2 51 | 3 12 | 3 33 | 3 55 | 4 16 | 4 37 | 4 59 | 5 20 |

| Range of tide, see footnote | Correction to height | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* | *Ft.* |
| **0.5** | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 |
| **1.0** | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 |
| **1.5** | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 |
| **2.0** | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| **2.5** | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.9 | 1.0 | 1.1 | 1.2 |
| **3.0** | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.8 | 0.9 | 1.0 | 1.2 | 1.3 | 1.5 |
| **3.5** | 0.0 | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 0.9 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 |
| **4.0** | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 |
| **4.5** | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.6 | 0.7 | 0.9 | 1.1 | 1.3 | 1.6 | 1.8 | 2.0 | 2.2 |
| **5.0** | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.2 | 2.5 |
| **5.5** | 0.0 | 0.1 | 0.1 | 0.2 | 0.4 | 0.5 | 0.7 | 0.9 | 1.1 | 1.4 | 1.6 | 1.9 | 2.2 | 2.5 | 2.8 |
| **6.0** | 0.0 | 0.1 | 0.1 | 0.3 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 |
| **6.5** | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.6 | 0.8 | 1.1 | 1.3 | 1.6 | 1.9 | 2.2 | 2.6 | 2.9 | 3.2 |
| **7.0** | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 0.7 | 0.9 | 1.2 | 1.4 | 1.8 | 2.1 | 2.4 | 2.8 | 3.1 | 3.5 |
| **7.5** | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.9 | 2.2 | 2.6 | 3.0 | 3.4 | 3.8 |
| **8.0** | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.6 | 2.0 | 2.4 | 2.8 | 3.2 | 3.6 | 4.0 |
| **8.5** | 0.0 | 0.1 | 0.2 | 0.4 | 0.6 | 0.8 | 1.1 | 1.4 | 1.8 | 2.1 | 2.5 | 2.9 | 3.4 | 3.8 | 4.2 |
| **9.0** | 0.0 | 0.1 | 0.2 | 0.4 | 0.6 | 0.9 | 1.2 | 1.5 | 1.9 | 2.2 | 2.7 | 3.1 | 3.6 | 4.0 | 4.5 |
| **9.5** | 0.0 | 0.1 | 0.2 | 0.4 | 0.6 | 0.9 | 1.2 | 1.6 | 2.0 | 2.4 | 2.8 | 3.3 | 3.8 | 4.3 | 4.8 |
| **10.0** | 0.0 | 0.1 | 0.2 | 0.4 | 0.7 | 1.0 | 1.3 | 1.7 | 2.1 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 |
| **10.5** | 0.0 | 0.1 | 0.3 | 0.5 | 0.7 | 1.0 | 1.3 | 1.7 | 2.2 | 2.6 | 3.1 | 3.6 | 4.2 | 4.7 | 5.2 |
| **11.0** | 0.0 | 0.1 | 0.3 | 0.5 | 0.7 | 1.1 | 1.4 | 1.7 | 2.3 | 2.8 | 3.3 | 3.8 | 4.4 | 4.9 | 5.5 |
| **11.5** | 0.0 | 0.1 | 0.3 | 0.5 | 0.8 | 1.1 | 1.5 | 1.8 | 2.3 | 2.9 | 3.4 | 4.0 | 4.6 | 5.1 | 5.8 |
| **12.0** | 0.0 | 0.1 | 0.3 | 0.5 | 0.8 | 1.1 | 1.5 | 1.9 | 2.5 | 3.0 | 3.6 | 4.1 | 4.8 | 5.4 | 6.0 |
| **12.5** | 0.0 | 0.1 | 0.3 | 0.5 | 0.8 | 1.2 | 2.6 | 1.9 | 2.6 | 3.1 | 3.7 | 4.3 | 5.0 | 5.6 | 6.2 |
| **13.0** | 0.0 | 0.1 | 0.3 | 0.6 | 0.9 | 1.2 | 1.7 | 2.2 | 2.7 | 3.2 | 3.9 | 4.5 | 5.1 | 5.8 | 6.5 |
| **13.5** | 0.0 | 0.1 | 0.3 | 0.6 | 0.9 | 1.3 | 1.7 | 2.2 | 2.8 | 3.4 | 4.0 | 4.7 | 5.3 | 6.0 | 6.8 |
| **14.0** | 0.0 | 0.2 | 0.3 | 0.6 | 0.9 | 1.3 | 1.8 | 2.3 | 2.9 | 3.5 | 4.2 | 4.8 | 5.5 | 6.3 | 7.0 |
| **14.5** | 0.0 | 0.2 | 0.4 | 0.6 | 1.0 | 1.4 | 1.9 | 2.4 | 3.0 | 3.6 | 4.3 | 5.0 | 5.7 | 6.5 | 7.2 |
| **15.0** | 0.0 | 0.2 | 0.4 | 0.6 | 1.0 | 1.4 | 1.9 | 2.5 | 3.1 | 3.8 | 4.4 | 5.2 | 5.9 | 6.7 | 7.5 |
| **15.5** | 0.0 | 0.2 | 0.4 | 0.7 | 1.0 | 1.5 | 2.0 | 2.6 | 3.2 | 3.9 | 4.6 | 5.4 | 6.1 | 6.9 | 7.8 |
| **16.0** | 0.0 | 0.2 | 0.4 | 0.7 | 1.1 | 1.5 | 2.1 | 2.6 | 3.3 | 4.0 | 4.7 | 5.5 | 6.3 | 7.2 | 8.0 |
| **16.5** | 0.0 | 0.2 | 0.4 | 0.7 | 1.1 | 1.6 | 2.1 | 2.7 | 3.4 | 4.1 | 4.9 | 5.7 | 6.5 | 7.4 | 8.2 |
| **17.0** | 0.0 | 0.2 | 0.4 | 0.7 | 1.1 | 1.6 | 2.2 | 2.8 | 3.5 | 4.2 | 5.0 | 5.9 | 6.7 | 7.6 | 8.5 |
| **17.5** | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.7 | 2.2 | 2.9 | 3.6 | 4.4 | 5.2 | 6.0 | 6.9 | 7.8 | 8.8 |
| **18.0** | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.7 | 2.3 | 3.0 | 3.7 | 4.5 | 5.3 | 6.2 | 7.1 | 8.1 | 9.0 |
| **18.5** | 0.1 | 0.2 | 0.5 | 0.8 | 1.2 | 1.8 | 2.4 | 3.1 | 3.8 | 4.6 | 5.5 | 6.4 | 7.3 | 8.3 | 9.2 |
| **19.0** | 0.1 | 0.2 | 0.5 | 0.8 | 1.3 | 1.8 | 2.4 | 3.1 | 3.9 | 4.8 | 5.6 | 6.6 | 7.5 | 8.5 | 9.5 |
| **19.5** | 0.1 | 0.2 | 0.5 | 0.8 | 1.3 | 1.9 | 2.5 | 3.2 | 4.0 | 4.9 | 5.8 | 6.7 | 7.7 | 8.7 | 9.8 |
| **20.0** | 0.1 | 0.2 | 0.5 | 0.9 | 1.3 | 1.9 | 2.6 | 3.3 | 4.1 | 5.0 | 5.9 | 6.9 | 7.9 | 9.0 | 10.0 |

Obtain from the predictions the high water and low water, one of which is before and the other after the time for which the height is required. The difference between the times of occurrence of these tides is the duration of rise or fall, and the difference between their heights is the range of tide for the above table. Find the difference between the nearest high or low water and the time for which the height is required.

Enter the table with the duration of rise or fall, printed in heavy-faced type, which most nearly agrees with the actual value, and on that horizontal line find the time from the nearest high or low water which agrees most nearly with the corresponding actual difference. The correction sought is in the column directly below, on the line with the range of tide.

When the nearest tide is high water, subtract the correction.

When the nearest tide is low, add the correction.

# TABLE 4.—LOCAL MEAN TIME OF SUNRISE AND SUNSET

## EXPLANATION OF TABLE

This table gives the local mean time of the rising and setting of the Sun's upper limb for every fifth day of the year. The times were computed for the instant when the true zenith distance of the Sun's center is 90° 50', 34' having been allowed for horizontal refraction and 16' for semidiameter. No allowance has been made for elevation of the observer.

Because of the sensible variations which may be made in the time of rising or setting of the Sun by a difference in elevation of the observer, and by changes in the refraction, any great refinement in the interpolation of intermediate dates or latitudes in this table is unnecessary.

The value obtained from table 4 may be converted to standard time by means of table 5, which follows it.

| Date | | 0° | | 5° N. | | 10° N. | | 15° N. | | 20° N. | | 25° N. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. | 1 | 06 00 | 18 07 | 06 08 | 17 59 | 06 17 | 17 50 | 06 26 | 17 41 | 06 35 | 17 32 | 06 45 | 17 22 |
| | 6 | 06 02 | 18 09 | 06 10 | 18 01 | 06 19 | 17 53 | 06 27 | 17 44 | 06 36 | 17 35 | 06 46 | 17 25 |
| | 11 | 06 04 | 18 11 | 06 12 | 18 03 | 06 20 | 17 55 | 06 29 | 17 47 | 06 37 | 17 38 | 06 47 | 17 29 |
| | 16 | 06 06 | 18 13 | 06 14 | 18 06 | 06 21 | 17 58 | 06 29 | 17 50 | 06 38 | 17 41 | 06 47 | 17 33 |
| | 21 | 06 08 | 18 15 | 06 15 | 18 08 | 06 22 | 18 00 | 06 30 | 17 53 | 06 38 | 17 45 | 06 46 | 17 36 |
| | 26 | 06 09 | 18 16 | 06 16 | 18 09 | 06 23 | 18 02 | 06 30 | 17 55 | 06 37 | 17 48 | 06 45 | 17 40 |
| | 31 | 06 10 | 18 17 | 06 16 | 18 11 | 06 23 | 18 04 | 06 29 | 17 58 | 06 36 | 17 51 | 06 43 | 17 44 |
| Feb. | 5 | 06 10 | 18 17 | 06 16 | 18 12 | 06 22 | 18 06 | 06 28 | 18 00 | 06 34 | 17 54 | 06 41 | 17 47 |
| | 10 | 06 11 | 18 18 | 06 16 | 18 13 | 06 21 | 18 07 | 06 27 | 18 02 | 06 32 | 17 57 | 06 38 | 17 51 |
| | 15 | 06 11 | 18 18 | 06 15 | 18 13 | 06 20 | 18 09 | 06 25 | 18 04 | 06 30 | 17 59 | 06 35 | 17 54 |
| | 20 | 06 10 | 18 17 | 06 14 | 18 13 | 06 18 | 18 09 | 06 22 | 18 05 | 06 27 | 18 01 | 06 31 | 17 57 |
| | 25 | 06 10 | 18 16 | 06 13 | 18 13 | 06 16 | 18 10 | 06 20 | 18 07 | 06 23 | 18 03 | 06 27 | 18 00 |
| Mar. | 1 | 06 09 | 18 16 | 06 12 | 18 13 | 06 14 | 18 10 | 06 17 | 18 08 | 06 20 | 18 05 | 06 23 | 18 02 |
| | 6 | 06 08 | 18 14 | 06 10 | 18 13 | 06 12 | 18 11 | 06 14 | 18 09 | 06 16 | 18 07 | 06 18 | 18 05 |
| | 11 | 06 07 | 18 13 | 06 08 | 18 12 | 06 09 | 18 11 | 06 10 | 18 10 | 06 12 | 18 09 | 06 13 | 18 07 |
| | 16 | 06 05 | 18 12 | 06 06 | 18 11 | 06 06 | 18 11 | 06 07 | 18 10 | 06 07 | 18 10 | 06 08 | 18 10 |
| | 21 | 06 04 | 18 10 | 06 04 | 18 11 | 06 03 | 18 11 | 06 03 | 18 11 | 06 03 | 18 11 | 06 03 | 18 12 |
| | 26 | 06 02 | 18 09 | 06 01 | 18 10 | 06 01 | 18 11 | 06 00 | 18 12 | 05 59 | 18 13 | 05 58 | 18 14 |
| | 31 | 06 01 | 18 07 | 05 59 | 18 09 | 05 58 | 18 11 | 05 56 | 18 12 | 05 54 | 18 14 | 05 52 | 18 16 |
| Apr. | 5 | 05 59 | 18 06 | 05 57 | 18 08 | 05 55 | 18 10 | 05 53 | 18 13 | 05 50 | 18 15 | 05 47 | 18 18 |
| | 10 | 05 58 | 18 05 | 05 55 | 18 07 | 05 52 | 18 10 | 05 49 | 18 14 | 05 46 | 18 17 | 05 42 | 18 20 |
| | 15 | 05 57 | 18 03 | 05 53 | 18 07 | 05 50 | 18 11 | 05 46 | 18 14 | 05 42 | 18 18 | 05 38 | 18 23 |
| | 20 | 05 55 | 18 02 | 05 51 | 18 06 | 05 47 | 18 11 | 05 43 | 18 15 | 05 38 | 18 20 | 05 33 | 18 25 |
| | 25 | 05 55 | 18 01 | 05 50 | 18 06 | 05 45 | 18 11 | 05 40 | 18 16 | 05 35 | 18 22 | 05 29 | 18 27 |
| | 30 | 05 54 | 18 01 | 05 48 | 18 06 | 05 43 | 18 11 | 05 37 | 18 17 | 05 31 | 18 23 | 05 25 | 18 30 |
| May | 5 | 05 53 | 18 00 | 05 47 | 18 06 | 05 41 | 18 12 | 05 35 | 18 18 | 05 28 | 18 25 | 05 21 | 18 32 |
| | 10 | 05 53 | 18 00 | 05 46 | 18 06 | 05 40 | 18 13 | 05 33 | 18 20 | 05 26 | 18 27 | 05 18 | 18 35 |
| | 15 | 05 53 | 18 00 | 05 46 | 18 07 | 05 39 | 18 14 | 05 32 | 18 21 | 05 24 | 18 29 | 05 16 | 18 37 |
| | 20 | 05 53 | 18 00 | 05 46 | 18 07 | 05 38 | 18 15 | 05 30 | 18 23 | 05 22 | 18 31 | 05 13 | 18 40 |
| | 25 | 05 53 | 18 01 | 05 46 | 18 08 | 05 38 | 18 16 | 05 30 | 18 24 | 05 21 | 18 33 | 05 12 | 18 42 |
| | 30 | 05 54 | 18 01 | 05 46 | 18 09 | 05 38 | 18 18 | 05 29 | 18 26 | 05 20 | 18 35 | 05 10 | 18 45 |
| June | 4 | 05 55 | 18 02 | 05 46 | 18 10 | 05 38 | 18 19 | 05 29 | 18 28 | 05 20 | 18 37 | 05 10 | 18 47 |
| | 9 | 05 56 | 18 03 | 05 47 | 18 11 | 05 38 | 18 20 | 05 29 | 18 29 | 05 20 | 18 39 | 05 10 | 18 49 |
| | 14 | 05 57 | 18 04 | 05 48 | 18 13 | 05 39 | 18 21 | 05 30 | 18 31 | 05 20 | 18 40 | 05 10 | 18 51 |
| | 19 | 05 58 | 18 05 | 05 49 | 18 14 | 05 40 | 18 23 | 05 31 | 18 32 | 05 21 | 18 42 | 05 11 | 18 52 |
| | 24 | 05 59 | 18 06 | 05 50 | 18 15 | 05 41 | 18 24 | 05 32 | 18 33 | 05 22 | 18 43 | 05 12 | 18 53 |
| | 29 | 06 00 | 18 07 | 05 51 | 18 16 | 05 42 | 18 25 | 05 33 | 18 34 | 05 24 | 18 43 | 05 13 | 18 54 |
| July | 4 | 06 01 | 18 08 | 05 52 | 18 17 | 05 44 | 18 25 | 05 35 | 18 34 | 05 25 | 18 44 | 05 15 | 18 54 |
| | 9 | 06 02 | 18 09 | 05 53 | 18 17 | 05 45 | 18 26 | 05 36 | 18 34 | 05 27 | 18 43 | 05 17 | 18 53 |
| | 14 | 06 02 | 18 09 | 05 54 | 18 17 | 05 46 | 18 26 | 05 38 | 18 34 | 05 29 | 18 43 | 05 19 | 18 52 |
| | 19 | 06 03 | 18 10 | 05 55 | 18 17 | 05 47 | 18 25 | 05 39 | 18 33 | 05 31 | 18 42 | 05 22 | 18 51 |
| | 24 | 06 03 | 18 10 | 05 56 | 18 17 | 05 48 | 18 25 | 05 41 | 18 32 | 05 33 | 18 40 | 05 24 | 18 49 |
| | 29 | 06 03 | 18 10 | 05 56 | 18 17 | 05 49 | 18 24 | 05 42 | 18 31 | 05 34 | 18 38 | 05 26 | 18 46 |
| Aug. | 3 | 06 03 | 18 10 | 05 56 | 18 16 | 05 50 | 18 22 | 05 43 | 18 29 | 05 36 | 18 36 | 05 29 | 18 43 |
| | 8 | 06 02 | 18 09 | 05 56 | 18 15 | 05 51 | 18 21 | 05 44 | 18 27 | 05 38 | 18 33 | 05 31 | 18 40 |
| | 13 | 06 01 | 18 08 | 05 56 | 18 13 | 05 51 | 18 19 | 05 45 | 18 24 | 05 39 | 18 30 | 05 33 | 18 36 |
| | 18 | 06 00 | 18 07 | 05 56 | 18 12 | 05 51 | 18 16 | 05 46 | 18 21 | 05 41 | 18 26 | 05 35 | 18 32 |
| | 23 | 05 59 | 18 06 | 05 55 | 18 10 | 05 51 | 18 14 | 05 47 | 18 18 | 05 42 | 18 22 | 05 37 | 18 27 |
| | 28 | 05 58 | 18 04 | 05 54 | 18 08 | 05 51 | 18 11 | 05 47 | 18 15 | 05 44 | 18 18 | 05 39 | 18 22 |
| Sept. | 2 | 05 56 | 18 03 | 05 54 | 18 05 | 05 51 | 18 08 | 05 48 | 18 11 | 05 45 | 18 14 | 05 41 | 18 17 |
| | 7 | 05 55 | 18 01 | 05 53 | 18 03 | 05 50 | 18 05 | 05 48 | 18 07 | 05 46 | 18 10 | 05 43 | 18 12 |
| | 12 | 05 53 | 17 59 | 05 51 | 18 01 | 05 50 | 18 02 | 05 48 | 18 04 | 05 47 | 18 05 | 05 45 | 18 07 |
| | 17 | 05 51 | 17 58 | 05 50 | 17 58 | 05 50 | 17 59 | 05 49 | 18 00 | 05 48 | 18 01 | 05 47 | 18 01 |
| | 22 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 56 |
| | 27 | 05 48 | 17 54 | 05 48 | 17 53 | 05 49 | 17 53 | 05 49 | 17 52 | 05 50 | 17 51 | 05 51 | 17 51 |
| Oct. | 2 | 05 46 | 17 52 | 05 47 | 17 51 | 05 49 | 17 50 | 05 50 | 17 48 | 05 51 | 17 47 | 05 53 | 17 45 |
| | 7 | 05 44 | 17 51 | 05 46 | 17 49 | 05 48 | 17 47 | 05 50 | 17 45 | 05 52 | 17 43 | 05 55 | 17 40 |
| | 12 | 05 43 | 17 50 | 05 46 | 17 47 | 05 48 | 17 44 | 05 51 | 17 41 | 05 54 | 17 39 | 05 57 | 17 36 |
| | 17 | 05 42 | 17 49 | 05 45 | 17 45 | 05 49 | 17 42 | 05 52 | 17 38 | 05 56 | 17 35 | 05 59 | 17 31 |
| | 22 | 05 41 | 17 48 | 05 45 | 17 44 | 05 49 | 17 40 | 05 53 | 17 36 | 05 57 | 17 31 | 06 02 | 17 27 |
| | 27 | 05 40 | 17 47 | 05 45 | 17 43 | 05 50 | 17 38 | 05 54 | 17 33 | 05 59 | 17 28 | 06 05 | 17 23 |
| Nov. | 1 | 05 40 | 17 47 | 05 45 | 17 42 | 05 51 | 17 36 | 05 56 | 17 31 | 06 02 | 17 25 | 06 08 | 17 19 |
| | 6 | 05 40 | 17 47 | 05 46 | 17 41 | 05 52 | 17 35 | 05 58 | 17 29 | 06 04 | 17 23 | 06 11 | 17 16 |
| | 11 | 05 41 | 17 48 | 05 47 | 17 41 | 05 53 | 17 35 | 06 00 | 17 28 | 06 07 | 17 21 | 06 14 | 17 14 |
| | 16 | 05 41 | 17 48 | 05 48 | 17 42 | 05 55 | 17 35 | 06 02 | 17 27 | 06 10 | 17 20 | 06 17 | 17 12 |
| | 21 | 05 42 | 17 50 | 05 50 | 17 42 | 05 57 | 17 35 | 06 05 | 17 27 | 06 13 | 17 19 | 06 21 | 17 11 |
| | 26 | 05 44 | 17 51 | 05 51 | 17 43 | 05 59 | 17 36 | 06 07 | 17 27 | 06 16 | 17 19 | 06 25 | 17 10 |
| Dec. | 1 | 05 45 | 17 53 | 05 54 | 17 45 | 06 02 | 17 37 | 06 10 | 17 28 | 06 19 | 17 19 | 06 28 | 17 10 |
| | 6 | 05 47 | 17 55 | 05 56 | 17 47 | 06 04 | 17 38 | 06 13 | 17 29 | 06 22 | 17 20 | 06 32 | 17 11 |
| | 11 | 05 50 | 17 57 | 05 58 | 17 49 | 06 07 | 17 40 | 06 16 | 17 31 | 06 25 | 17 22 | 06 35 | 17 12 |
| | 16 | 05 52 | 18 00 | 06 01 | 17 51 | 06 09 | 17 42 | 06 18 | 17 33 | 06 28 | 17 24 | 06 38 | 17 14 |
| | 21 | 05 54 | 18 02 | 06 03 | 17 53 | 06 12 | 17 45 | 06 21 | 17 35 | 06 31 | 17 26 | 06 41 | 17 16 |
| | 26 | 05 57 | 18 05 | 06 06 | 17 56 | 06 14 | 17 47 | 06 23 | 17 38 | 06 33 | 17 29 | 06 43 | 17 19 |
| | 31 | 05 59 | 18 07 | 06 08 | 17 58 | 06 17 | 17 50 | 06 26 | 17 41 | 06 35 | 17 32 | 06 45 | 17 22 |
| Jan. | 1 | 06 00 | 18 07 | 06 08 | 17 59 | 06 17 | 17 50 | 06 26 | 17 41 | 06 35 | 17 32 | 06 45 | 17 22 |

Local mean time. To obtain standard time of rise or set, see table 5.

| Date | | 30° N. | | 32° N. | | 34° N. | | 36° N. | | 38° N. | | 40° N. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. | 1 | 06 56 | 17 11 | 07 00 | 17 06 | 07 05 | 17 01 | 07 11 | 16 56 | 07 16 | 16 51 | 07 22 | 16 45 |
| | 6 | 06 57 | 17 15 | 07 01 | 17 10 | 07 06 | 17 05 | 07 11 | 17 00 | 07 16 | 16 55 | 07 22 | 16 49 |
| | 11 | 06 57 | 17 19 | 07 01 | 17 14 | 07 06 | 17 10 | 07 11 | 17 05 | 07 16 | 17 00 | 07 21 | 16 54 |
| | 16 | 06 57 | 17 23 | 07 01 | 17 19 | 07 05 | 17 14 | 07 10 | 17 10 | 07 15 | 17 05 | 07 20 | 17 00 |
| | 21 | 06 56 | 17 27 | 06 59 | 17 23 | 07 04 | 17 19 | 07 08 | 17 15 | 07 13 | 17 10 | 07 17 | 17 05 |
| | 26 | 06 54 | 17 31 | 06 57 | 17 28 | 07 01 | 17 24 | 07 05 | 17 20 | 07 10 | 17 16 | 07 14 | 17 11 |
| | 31 | 06 51 | 17 36 | 06 55 | 17 32 | 06 58 | 17 29 | 07 02 | 17 25 | 07 06 | 17 21 | 07 10 | 17 17 |
| Feb. | 5 | 06 48 | 17 40 | 06 51 | 17 37 | 06 55 | 17 34 | 06 58 | 17 30 | 07 02 | 17 27 | 07 05 | 17 23 |
| | 10 | 06 45 | 17 44 | 06 47 | 17 41 | 06 50 | 17 39 | 06 53 | 17 36 | 06 56 | 17 32 | 07 00 | 17 29 |
| | 15 | 06 41 | 17 48 | 06 43 | 17 46 | 06 45 | 17 43 | 06 48 | 17 41 | 06 51 | 17 38 | 06 54 | 17 35 |
| | 20 | 06 36 | 17 52 | 06 38 | 17 50 | 06 40 | 17 48 | 06 42 | 17 46 | 06 45 | 17 43 | 06 47 | 17 41 |
| | 25 | 06 31 | 17 56 | 06 33 | 17 54 | 06 34 | 17 52 | 06 36 | 17 51 | 06 38 | 17 49 | 06 40 | 17 47 |
| Mar. | 1 | 06 26 | 17 59 | 06 27 | 17 58 | 06 28 | 17 57 | 06 30 | 17 55 | 06 31 | 17 54 | 06 33 | 17 52 |
| | 6 | 06 20 | 18 03 | 06 21 | 18 02 | 06 22 | 18 01 | 06 23 | 18 00 | 06 24 | 17 59 | 06 25 | 17 58 |
| | 11 | 06 14 | 18 06 | 06 15 | 18 05 | 06 16 | 18 05 | 06 16 | 18 04 | 06 17 | 18 04 | 06 18 | 18 03 |
| | 16 | 06 08 | 18 09 | 06 09 | 18 09 | 06 09 | 18 09 | 06 09 | 18 09 | 06 09 | 18 08 | 06 10 | 18 08 |
| | 21 | 06 02 | 18 12 | 06 02 | 18 12 | 06 02 | 18 13 | 06 02 | 18 13 | 06 02 | 18 13 | 06 01 | 18 13 |
| | 26 | 05 56 | 18 15 | 05 56 | 18 16 | 05 55 | 18 16 | 05 55 | 18 17 | 05 54 | 18 18 | 05 53 | 18 18 |
| | 31 | 05 50 | 18 18 | 05 49 | 18 19 | 05 48 | 18 20 | 05 47 | 18 21 | 05 46 | 18 22 | 05 45 | 18 24 |
| Apr. | 5 | 05 44 | 18 21 | 05 43 | 18 23 | 05 42 | 18 24 | 05 40 | 18 25 | 05 39 | 18 27 | 05 37 | 18 29 |
| | 10 | 05 39 | 18 24 | 05 37 | 18 26 | 05 35 | 18 28 | 05 33 | 18 30 | 05 31 | 18 32 | 05 29 | 18 34 |
| | 15 | 05 33 | 18 27 | 05 31 | 18 29 | 05 29 | 18 32 | 05 27 | 18 34 | 05 24 | 18 36 | 05 22 | 18 39 |
| | 20 | 05 28 | 18 31 | 05 25 | 18 33 | 05 23 | 18 35 | 05 20 | 18 38 | 05 17 | 18 41 | 05 15 | 18 44 |
| | 25 | 05 23 | 18 34 | 05 20 | 18 36 | 05 17 | 18 39 | 05 14 | 18 42 | 05 11 | 18 45 | 05 08 | 18 49 |
| | 30 | 05 18 | 18 37 | 05 15 | 18 40 | 05 12 | 18 43 | 05 08 | 18 47 | 05 05 | 18 50 | 05 01 | 18 54 |
| May | 5 | 05 14 | 18 40 | 05 10 | 18 44 | 05 07 | 18 47 | 05 03 | 18 51 | 04 59 | 18 55 | 04 55 | 18 59 |
| | 10 | 05 10 | 18 43 | 05 06 | 18 47 | 05 02 | 18 51 | 04 58 | 18 55 | 04 54 | 18 59 | 04 49 | 19 04 |
| | 15 | 05 06 | 18 47 | 05 03 | 18 51 | 04 58 | 18 55 | 04 54 | 18 59 | 04 49 | 19 04 | 04 45 | 19 09 |
| | 20 | 05 04 | 18 50 | 04 59 | 18 54 | 04 55 | 18 58 | 04 50 | 19 03 | 04 46 | 19 08 | 04 40 | 19 13 |
| | 25 | 05 01 | 18 53 | 04 57 | 18 57 | 04 52 | 19 02 | 04 48 | 19 07 | 04 42 | 19 12 | 04 37 | 19 18 |
| | 30 | 05 00 | 18 56 | 04 55 | 19 00 | 04 50 | 19 05 | 04 45 | 19 10 | 04 40 | 19 16 | 04 34 | 19 21 |
| June | 4 | 04 59 | 18 58 | 04 54 | 19 03 | 04 49 | 19 08 | 04 44 | 19 13 | 04 38 | 19 19 | 04 32 | 19 25 |
| | 9 | 04 58 | 19 00 | 04 53 | 19 05 | 04 48 | 19 10 | 04 43 | 19 16 | 04 37 | 19 22 | 04 31 | 19 28 |
| | 14 | 04 58 | 19 02 | 04 53 | 19 07 | 04 48 | 19 13 | 04 43 | 19 18 | 04 37 | 19 24 | 04 31 | 19 30 |
| | 19 | 04 59 | 19 04 | 04 54 | 19 09 | 04 49 | 19 14 | 04 43 | 19 20 | 04 37 | 19 26 | 04 31 | 19 32 |
| | 24 | 05 00 | 19 05 | 04 55 | 19 10 | 04 50 | 19 15 | 04 44 | 19 21 | 04 38 | 19 26 | 04 32 | 19 33 |
| | 29 | 05 02 | 19 05 | 04 57 | 19 10 | 04 52 | 19 15 | 04 46 | 19 21 | 04 40 | 19 27 | 04 34 | 19 33 |
| July | 4 | 05 04 | 19 05 | 04 59 | 19 10 | 04 54 | 19 15 | 04 48 | 19 20 | 04 43 | 19 26 | 04 37 | 19 32 |
| | 9 | 05 06 | 19 04 | 05 01 | 19 09 | 04 56 | 19 14 | 04 51 | 19 19 | 04 46 | 19 25 | 04 40 | 19 31 |
| | 14 | 05 09 | 19 03 | 05 04 | 19 07 | 04 59 | 19 12 | 04 54 | 19 17 | 04 49 | 19 22 | 04 43 | 19 28 |
| | 19 | 05 11 | 19 01 | 05 07 | 19 05 | 05 03 | 19 10 | 04 58 | 19 15 | 04 53 | 19 20 | 04 47 | 19 25 |
| | 24 | 05 14 | 18 58 | 05 10 | 19 02 | 05 06 | 19 07 | 05 01 | 19 11 | 04 57 | 19 16 | 04 51 | 19 21 |
| | 29 | 05 17 | 18 55 | 05 14 | 18 59 | 05 09 | 19 03 | 05 05 | 19 07 | 05 01 | 19 12 | 04 56 | 19 16 |
| Aug. | 3 | 05 20 | 18 52 | 05 17 | 18 55 | 05 13 | 18 59 | 05 09 | 19 03 | 05 05 | 19 07 | 05 00 | 19 11 |
| | 8 | 05 23 | 18 47 | 05 20 | 18 51 | 05 17 | 18 54 | 05 13 | 18 58 | 05 09 | 19 01 | 05 05 | 19 05 |
| | 13 | 05 26 | 18 43 | 05 23 | 18 46 | 05 20 | 18 49 | 05 17 | 18 52 | 05 14 | 18 55 | 05 10 | 18 59 |
| | 18 | 05 29 | 18 38 | 05 27 | 18 40 | 05 24 | 18 43 | 05 21 | 18 46 | 05 18 | 18 49 | 05 15 | 18 52 |
| | 23 | 05 32 | 18 32 | 05 30 | 18 35 | 05 27 | 18 37 | 05 25 | 18 39 | 05 22 | 18 42 | 05 19 | 18 45 |
| | 28 | 05 35 | 18 27 | 05 33 | 18 29 | 05 31 | 18 31 | 05 29 | 18 33 | 05 27 | 18 35 | 05 24 | 18 37 |
| Sept. | 2 | 05 38 | 18 21 | 05 36 | 18 22 | 05 34 | 18 24 | 05 33 | 18 26 | 05 31 | 18 28 | 05 29 | 18 29 |
| | 7 | 05 40 | 18 15 | 05 39 | 18 16 | 05 38 | 18 17 | 05 37 | 18 19 | 05 35 | 18 20 | 05 34 | 18 21 |
| | 12 | 05 43 | 18 09 | 05 42 | 18 10 | 05 41 | 18 10 | 05 40 | 18 11 | 05 39 | 18 12 | 05 38 | 18 13 |
| | 17 | 05 46 | 18 02 | 05 45 | 18 03 | 05 45 | 18 03 | 05 44 | 18 04 | 05 44 | 18 04 | 05 43 | 18 05 |
| | 22 | 05 48 | 17 56 | 05 48 | 17 56 | 05 48 | 17 56 | 05 48 | 17 56 | 05 48 | 17 57 | 05 48 | 17 57 |
| | 27 | 05 51 | 17 50 | 05 51 | 17 50 | 05 52 | 17 49 | 05 52 | 17 49 | 05 52 | 17 49 | 05 53 | 17 48 |
| Oct. | 2 | 05 54 | 17 44 | 05 55 | 17 43 | 05 55 | 17 43 | 05 56 | 17 42 | 05 57 | 17 41 | 05 57 | 17 40 |
| | 7 | 05 57 | 17 38 | 05 58 | 17 37 | 05 59 | 17 36 | 06 00 | 17 35 | 06 01 | 17 34 | 06 02 | 17 32 |
| | 12 | 06 00 | 17 32 | 06 01 | 17 31 | 06 03 | 17 29 | 06 04 | 17 28 | 06 06 | 17 26 | 06 08 | 17 25 |
| | 17 | 06 03 | 17 27 | 06 05 | 17 25 | 06 07 | 17 23 | 06 09 | 17 21 | 06 11 | 17 19 | 06 13 | 17 17 |
| | 22 | 06 07 | 17 22 | 06 09 | 17 20 | 06 11 | 17 17 | 06 13 | 17 15 | 06 16 | 17 13 | 06 18 | 17 10 |
| | 27 | 06 10 | 17 17 | 06 13 | 17 15 | 06 15 | 17 12 | 06 18 | 17 09 | 06 21 | 17 06 | 06 24 | 17 03 |
| Nov. | 1 | 06 14 | 17 13 | 06 17 | 17 10 | 06 20 | 17 07 | 06 23 | 17 04 | 06 26 | 17 01 | 06 29 | 16 57 |
| | 6 | 06 18 | 17 09 | 06 21 | 17 06 | 06 24 | 17 03 | 06 28 | 16 59 | 06 31 | 16 56 | 06 35 | 16 52 |
| | 11 | 06 22 | 17 06 | 06 25 | 17 02 | 06 29 | 16 59 | 06 33 | 16 55 | 06 37 | 16 51 | 06 41 | 16 47 |
| | 16 | 06 26 | 17 03 | 06 30 | 17 00 | 06 34 | 16 56 | 06 38 | 16 52 | 06 42 | 16 47 | 06 47 | 16 43 |
| | 21 | 06 30 | 17 01 | 06 34 | 16 57 | 06 38 | 16 53 | 06 43 | 16 49 | 06 47 | 16 44 | 06 52 | 16 39 |
| | 26 | 06 34 | 17 00 | 06 39 | 16 56 | 06 43 | 16 52 | 06 48 | 16 47 | 06 52 | 16 42 | 06 58 | 16 37 |
| Dec. | 1 | 06 38 | 17 00 | 06 43 | 16 55 | 06 47 | 16 51 | 06 52 | 16 46 | 06 57 | 16 41 | 07 03 | 16 35 |
| | 6 | 06 42 | 17 00 | 06 47 | 16 55 | 06 52 | 16 51 | 06 57 | 16 46 | 07 02 | 16 40 | 07 08 | 16 35 |
| | 11 | 06 46 | 17 01 | 06 51 | 16 56 | 06 55 | 16 51 | 07 01 | 16 46 | 07 06 | 16 41 | 07 12 | 16 35 |
| | 16 | 06 49 | 17 02 | 06 54 | 16 58 | 06 59 | 16 53 | 07 04 | 16 48 | 07 10 | 16 42 | 07 16 | 16 36 |
| | 21 | 06 52 | 17 05 | 06 57 | 17 00 | 07 02 | 16 55 | 07 07 | 16 50 | 07 12 | 16 44 | 07 18 | 16 38 |
| | 26 | 06 54 | 17 08 | 06 59 | 17 03 | 07 04 | 16 58 | 07 09 | 16 53 | 07 15 | 16 47 | 07 21 | 16 41 |
| | 31 | 06 56 | 17 11 | 07 00 | 17 06 | 07 05 | 17 01 | 07 10 | 16 56 | 07 16 | 16 51 | 07 22 | 16 45 |
| Jan. | 1 | 06 56 | 17 11 | 07 01 | 17 07 | 07 06 | 17 02 | 07 11 | 16 57 | 07 16 | 16 51 | 07 22 | 16 46 |

Local mean time. To obtain standard time of rise or set, see table 5.

| Date | | 42° N. | | 44° N. | | 46° N. | | 48° N. | | 50° N. | | 52° N. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. | 1 | 07 28 | 16 39 | 07 35 | 16 32 | 07 42 | 16 25 | 07 50 | 16 17 | 07 59 | 16 08 | 08 08 | 15 59 |
| | 6 | 07 28 | 16 43 | 07 35 | 16 37 | 07 42 | 16 30 | 07 49 | 16 22 | 07 58 | 16 14 | 08 07 | 16 04 |
| | 11 | 07 27 | 16 48 | 07 34 | 16 42 | 07 40 | 16 35 | 07 48 | 16 28 | 07 56 | 16 20 | 08 05 | 16 11 |
| | 16 | 07 25 | 16 54 | 07 31 | 16 48 | 07 38 | 16 42 | 07 45 | 16 35 | 07 52 | 16 27 | 08 01 | 16 19 |
| | 21 | 07 23 | 17 00 | 07 28 | 16 54 | 07 34 | 16 48 | 07 41 | 16 42 | 07 48 | 16 35 | 07 56 | 16 27 |
| | 26 | 07 19 | 17 06 | 07 24 | 17 01 | 07 30 | 16 56 | 07 36 | 16 50 | 07 42 | 16 43 | 07 50 | 16 36 |
| | 31 | 07 15 | 17 13 | 07 19 | 17 08 | 07 24 | 17 03 | 07 30 | 16 57 | 07 36 | 16 51 | 07 43 | 16 45 |
| Feb. | 5 | 07 09 | 17 19 | 07 14 | 17 15 | 07 18 | 17 10 | 07 23 | 17 05 | 07 29 | 17 00 | 07 35 | 16 54 |
| | 10 | 07 03 | 17 26 | 07 07 | 17 22 | 07 11 | 17 18 | 07 16 | 17 13 | 07 21 | 17 09 | 07 26 | 17 03 |
| | 15 | 06 57 | 17 32 | 07 00 | 17 29 | 07 04 | 17 25 | 07 08 | 17 21 | 07 12 | 17 17 | 07 16 | 17 13 |
| | 20 | 06 50 | 17 38 | 06 53 | 17 35 | 06 56 | 17 32 | 06 59 | 17 29 | 07 03 | 17 26 | 07 06 | 17 22 |
| | 25 | 06 43 | 17 44 | 06 45 | 17 42 | 06 47 | 17 40 | 06 50 | 17 37 | 06 53 | 17 34 | 06 56 | 17 31 |
| Mar. | 1 | 06 35 | 17 50 | 06 37 | 17 49 | 06 38 | 17 47 | 06 41 | 17 45 | 06 43 | 17 43 | 06 45 | 17 40 |
| | 6 | 06 27 | 17 56 | 06 28 | 17 55 | 06 29 | 17 54 | 06 31 | 17 52 | 06 32 | 17 51 | 06 34 | 17 49 |
| | 11 | 06 18 | 18 02 | 06 19 | 18 02 | 06 20 | 18 01 | 06 21 | 18 00 | 06 22 | 17 59 | 06 23 | 17 58 |
| | 16 | 06 10 | 18 08 | 06 10 | 18 08 | 06 10 | 18 08 | 06 11 | 18 07 | 06 11 | 18 07 | 06 11 | 18 07 |
| | 21 | 06 01 | 18 14 | 06 01 | 18 14 | 06 01 | 18 14 | 06 00 | 18 15 | 06 00 | 18 15 | 06 00 | 18 15 |
| | 26 | 05 53 | 18 19 | 05 52 | 18 20 | 05 51 | 18 21 | 05 50 | 18 22 | 05 49 | 18 23 | 05 48 | 18 24 |
| | 31 | 05 44 | 18 25 | 05 43 | 18 26 | 05 41 | 18 28 | 05 40 | 18 29 | 05 38 | 18 31 | 05 37 | 18 33 |
| Apr. | 5 | 05 36 | 18 30 | 05 34 | 18 32 | 05 32 | 18 34 | 05 30 | 18 36 | 05 28 | 18 39 | 05 25 | 18 41 |
| | 10 | 05 27 | 18 36 | 05 25 | 18 38 | 05 23 | 18 41 | 05 20 | 18 44 | 05 17 | 18 46 | 05 14 | 18 50 |
| | 15 | 05 19 | 18 41 | 05 16 | 18 44 | 05 13 | 18 47 | 05 10 | 18 51 | 05 07 | 18 54 | 05 03 | 18 58 |
| | 20 | 05 11 | 18 47 | 05 08 | 18 50 | 05 05 | 18 54 | 05 01 | 18 58 | 04 57 | 19 02 | 04 52 | 19 07 |
| | 25 | 05 04 | 18 52 | 05 00 | 18 56 | 04 56 | 19 01 | 04 52 | 19 05 | 04 47 | 19 10 | 04 42 | 19 15 |
| | 30 | 04 57 | 18 58 | 04 53 | 19 02 | 04 48 | 19 07 | 04 43 | 19 12 | 04 38 | 19 18 | 04 32 | 19 24 |
| May | 5 | 04 51 | 19 03 | 04 46 | 19 08 | 04 41 | 19 13 | 04 35 | 19 19 | 04 29 | 19 25 | 04 22 | 19 32 |
| | 10 | 04 45 | 19 09 | 04 39 | 19 14 | 04 34 | 19 20 | 04 28 | 19 26 | 04 21 | 19 33 | 04 14 | 19 40 |
| | 15 | 04 39 | 19 14 | 04 34 | 19 20 | 04 28 | 19 26 | 04 21 | 19 33 | 04 14 | 19 40 | 04 06 | 19 48 |
| | 20 | 04 35 | 19 19 | 04 29 | 19 25 | 04 22 | 19 32 | 04 15 | 19 39 | 04 07 | 19 47 | 03 59 | 19 55 |
| | 25 | 04 31 | 19 24 | 04 24 | 19 30 | 04 18 | 19 37 | 04 10 | 19 45 | 04 02 | 19 53 | 03 52 | 20 02 |
| | 30 | 04 28 | 19 28 | 04 21 | 19 34 | 04 14 | 19 42 | 04 06 | 19 50 | 03 57 | 19 59 | 03 47 | 20 08 |
| June | 4 | 04 26 | 19 31 | 04 19 | 19 38 | 04 11 | 19 46 | 04 03 | 19 54 | 03 54 | 20 04 | 03 44 | 20 14 |
| | 9 | 04 24 | 19 35 | 04 17 | 19 42 | 04 09 | 19 50 | 04 01 | 19 58 | 03 51 | 20 08 | 03 41 | 20 18 |
| | 14 | 04 24 | 19 37 | 04 17 | 19 44 | 04 09 | 19 52 | 04 00 | 20 01 | 03 50 | 20 11 | 03 40 | 20 21 |
| | 19 | 04 24 | 19 39 | 04 17 | 19 46 | 04 09 | 19 54 | 04 00 | 20 03 | 03 50 | 20 13 | 03 39 | 20 23 |
| | 24 | 04 25 | 19 40 | 04 18 | 19 47 | 04 10 | 19 55 | 04 01 | 20 04 | 03 52 | 20 13 | 03 41 | 20 24 |
| | 29 | 04 27 | 19 40 | 04 20 | 19 47 | 04 12 | 19 55 | 04 04 | 20 03 | 03 54 | 20 13 | 03 43 | 20 24 |
| July | 4 | 04 30 | 19 39 | 04 23 | 19 46 | 04 15 | 19 53 | 04 07 | 20 02 | 03 57 | 20 11 | 03 47 | 20 22 |
| | 9 | 04 33 | 19 37 | 04 26 | 19 44 | 04 19 | 19 51 | 04 11 | 19 59 | 04 02 | 20 08 | 03 52 | 20 18 |
| | 14 | 04 37 | 19 34 | 04 30 | 19 41 | 04 23 | 19 48 | 04 15 | 19 56 | 04 07 | 20 04 | 03 57 | 20 14 |
| | 19 | 04 41 | 19 31 | 04 35 | 19 37 | 04 28 | 19 44 | 04 21 | 19 51 | 04 13 | 19 59 | 04 03 | 20 08 |
| | 24 | 04 46 | 19 27 | 04 40 | 19 32 | 04 33 | 19 39 | 04 26 | 19 46 | 04 19 | 19 53 | 04 10 | 20 02 |
| | 29 | 04 51 | 19 22 | 04 45 | 19 27 | 04 39 | 19 33 | 04 33 | 19 39 | 04 26 | 19 46 | 04 18 | 19 54 |
| Aug. | 3 | 04 56 | 19 16 | 04 51 | 19 21 | 04 45 | 19 26 | 04 39 | 19 32 | 04 33 | 19 39 | 04 25 | 19 46 |
| | 8 | 05 01 | 19 10 | 04 56 | 19 14 | 04 51 | 19 19 | 04 46 | 19 25 | 04 40 | 19 30 | 04 33 | 19 37 |
| | 13 | 05 06 | 19 03 | 05 02 | 19 07 | 04 57 | 19 11 | 04 52 | 19 16 | 04 47 | 19 21 | 04 41 | 19 27 |
| | 18 | 05 11 | 18 56 | 05 08 | 18 59 | 05 04 | 19 03 | 04 59 | 19 07 | 04 55 | 19 12 | 04 49 | 19 17 |
| | 23 | 05 16 | 18 48 | 05 13 | 18 51 | 05 10 | 18 54 | 05 06 | 18 58 | 05 02 | 19 02 | 04 58 | 19 06 |
| | 28 | 05 22 | 18 40 | 05 19 | 18 42 | 05 16 | 18 45 | 05 13 | 18 48 | 05 09 | 18 52 | 05 06 | 18 55 |
| Sept. | 2 | 05 27 | 18 31 | 05 25 | 18 34 | 05 22 | 18 36 | 05 20 | 18 38 | 05 17 | 18 41 | 05 14 | 18 44 |
| | 7 | 05 32 | 18 23 | 05 30 | 18 25 | 05 28 | 18 26 | 05 26 | 18 28 | 05 24 | 18 30 | 05 22 | 18 33 |
| | 12 | 05 37 | 18 14 | 05 36 | 18 15 | 05 35 | 18 17 | 05 33 | 18 18 | 05 32 | 18 19 | 05 30 | 18 21 |
| | 17 | 05 42 | 18 06 | 05 42 | 18 06 | 05 41 | 18 07 | 05 40 | 18 08 | 05 39 | 18 08 | 05 38 | 18 09 |
| | 22 | 05 48 | 17 57 | 05 47 | 17 57 | 05 47 | 17 57 | 05 47 | 17 57 | 05 47 | 17 57 | 05 46 | 17 58 |
| | 27 | 05 53 | 17 48 | 05 53 | 17 48 | 05 54 | 17 47 | 05 54 | 17 47 | 05 54 | 17 46 | 05 55 | 17 46 |
| Oct. | 2 | 05 58 | 17 39 | 05 59 | 17 39 | 06 00 | 17 38 | 06 01 | 17 37 | 06 02 | 17 36 | 06 03 | 17 34 |
| | 7 | 06 04 | 17 31 | 06 05 | 17 30 | 06 06 | 17 28 | 06 08 | 17 27 | 06 10 | 17 25 | 06 11 | 17 23 |
| | 12 | 06 09 | 17 23 | 06 11 | 17 21 | 06 13 | 17 19 | 06 15 | 17 17 | 06 18 | 17 14 | 06 20 | 17 12 |
| | 17 | 06 15 | 17 15 | 06 17 | 17 12 | 06 20 | 17 10 | 06 23 | 17 07 | 06 25 | 17 04 | 06 29 | 17 01 |
| | 22 | 06 21 | 17 07 | 06 24 | 17 04 | 06 27 | 17 01 | 06 30 | 16 58 | 06 34 | 16 54 | 06 37 | 16 50 |
| | 27 | 06 27 | 17 00 | 06 30 | 16 57 | 06 34 | 16 53 | 06 38 | 16 49 | 06 42 | 16 45 | 06 46 | 16 40 |
| Nov. | 1 | 06 33 | 16 54 | 06 37 | 16 50 | 06 41 | 16 46 | 06 45 | 16 41 | 06 50 | 16 36 | 06 55 | 16 31 |
| | 6 | 06 39 | 16 48 | 06 43 | 16 43 | 06 48 | 16 39 | 06 53 | 16 34 | 06 58 | 16 28 | 07 04 | 16 22 |
| | 11 | 06 45 | 16 42 | 06 50 | 16 38 | 06 55 | 16 32 | 07 01 | 16 27 | 07 07 | 16 21 | 07 13 | 16 14 |
| | 16 | 06 51 | 16 38 | 06 57 | 16 33 | 07 02 | 16 27 | 07 08 | 16 21 | 07 15 | 16 14 | 07 22 | 16 07 |
| | 21 | 06 57 | 16 34 | 07 03 | 16 29 | 07 09 | 16 22 | 07 16 | 16 16 | 07 23 | 16 09 | 07 31 | 16 01 |
| | 26 | 07 03 | 16 31 | 07 09 | 16 25 | 07 16 | 16 19 | 07 23 | 16 12 | 07 30 | 16 04 | 07 39 | 15 56 |
| Dec. | 1 | 07 09 | 16 29 | 07 15 | 16 23 | 07 22 | 16 16 | 07 29 | 16 09 | 07 37 | 16 01 | 07 46 | 15 52 |
| | 6 | 07 14 | 16 29 | 07 20 | 16 22 | 07 27 | 16 15 | 07 35 | 16 07 | 07 43 | 15 59 | 07 53 | 15 49 |
| | 11 | 07 18 | 16 29 | 07 25 | 16 22 | 07 32 | 16 15 | 07 40 | 16 07 | 07 49 | 15 58 | 07 58 | 15 48 |
| | 16 | 07 22 | 16 30 | 07 29 | 16 23 | 07 36 | 16 15 | 07 44 | 16 07 | 07 53 | 15 59 | 08 03 | 15 49 |
| | 21 | 07 25 | 16 32 | 07 32 | 16 25 | 07 39 | 16 17 | 07 47 | 16 09 | 07 56 | 16 00 | 08 06 | 15 51 |
| | 26 | 07 27 | 16 35 | 07 34 | 16 28 | 07 41 | 16 21 | 07 49 | 16 12 | 07 58 | 16 04 | 08 08 | 15 54 |
| | 31 | 07 28 | 16 39 | 07 35 | 16 32 | 07 42 | 16 25 | 07 50 | 16 17 | 07 59 | 16 08 | 08 08 | 15 58 |
| Jan. | 1 | 07 28 | 16 39 | 07 35 | 16 33 | 07 42 | 16 25 | 07 50 | 16 18 | 07 59 | 16 09 | 08 08 | 15 59 |

Local mean time. To obtain standard time of rise or set, see table 5.

| Date | | 54° N. | | 56° N. | | 58° N. | | 60° N. | | 62° N. | | 64° N. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. | 1 | 08 19 | 15 48 | 08 31 | 15 35 | 08 46 | 15 21 | 09 03 | 15 04 | 09 23 | 14 44 | 09 50 | 14 17 |
| | 6 | 08 18 | 15 54 | 08 29 | 15 42 | 08 43 | 15 28 | 08 59 | 15 12 | 09 19 | 14 53 | 09 44 | 14 28 |
| | 11 | 08 15 | 16 01 | 08 26 | 15 50 | 08 39 | 15 37 | 08 54 | 15 22 | 09 12 | 15 03 | 09 35 | 14 41 |
| | 16 | 08 10 | 16 09 | 08 21 | 15 59 | 08 33 | 15 47 | 08 47 | 15 33 | 09 04 | 15 16 | 09 25 | 14 55 |
| | 21 | 08 05 | 16 18 | 08 14 | 16 09 | 08 26 | 15 57 | 08 39 | 15 44 | 08 54 | 15 29 | 09 12 | 15 11 |
| | 26 | 07 58 | 16 28 | 08 07 | 16 19 | 08 17 | 16 09 | 08 29 | 15 57 | 08 42 | 15 43 | 08 59 | 15 27 |
| | 31 | 07 50 | 16 38 | 07 58 | 16 29 | 08 07 | 16 20 | 08 18 | 16 10 | 08 30 | 15 58 | 08 44 | 15 43 |
| Feb. | 5 | 07 41 | 16 48 | 07 48 | 16 40 | 07 56 | 16 32 | 08 06 | 16 23 | 08 16 | 16 12 | 08 29 | 16 00 |
| | 10 | 07 32 | 16 58 | 07 38 | 16 51 | 07 45 | 16 44 | 07 53 | 16 36 | 08 02 | 16 27 | 08 13 | 16 16 |
| | 15 | 07 21 | 17 08 | 07 27 | 17 02 | 07 33 | 16 56 | 07 40 | 16 49 | 07 48 | 16 42 | 07 57 | 16 33 |
| | 20 | 07 11 | 17 18 | 07 15 | 17 13 | 07 20 | 17 08 | 07 26 | 17 03 | 07 33 | 16 56 | 07 40 | 16 49 |
| | 25 | 06 59 | 17 28 | 07 03 | 17 24 | 07 07 | 17 20 | 07 12 | 17 15 | 07 17 | 17 10 | 07 23 | 17 04 |
| Mar. | 1 | 06 48 | 17 38 | 06 51 | 17 35 | 06 54 | 17 32 | 06 58 | 17 28 | 07 02 | 17 24 | 07 06 | 17 20 |
| | 6 | 06 36 | 17 47 | 06 38 | 17 45 | 06 40 | 17 43 | 06 43 | 17 41 | 06 46 | 17 38 | 06 49 | 17 35 |
| | 11 | 06 24 | 17 57 | 06 25 | 17 56 | 06 26 | 17 55 | 06 28 | 17 53 | 06 30 | 17 52 | 06 31 | 17 50 |
| | 16 | 06 12 | 18 07 | 06 12 | 18 06 | 06 12 | 18 06 | 06 13 | 18 06 | 06 13 | 18 05 | 06 14 | 18 05 |
| | 21 | 05 59 | 18 16 | 05 59 | 18 17 | 05 58 | 18 17 | 05 58 | 18 18 | 05 57 | 18 19 | 05 56 | 18 20 |
| | 26 | 05 47 | 18 25 | 05 46 | 18 27 | 05 44 | 18 28 | 05 43 | 18 30 | 05 41 | 18 32 | 05 39 | 18 34 |
| | 31 | 05 35 | 18 35 | 05 32 | 18 37 | 05 30 | 18 39 | 05 27 | 18 42 | 05 24 | 18 45 | 05 21 | 18 49 |
| Apr. | 5 | 05 22 | 18 44 | 05 19 | 18 47 | 05 16 | 18 51 | 05 12 | 18 54 | 05 08 | 18 59 | 05 03 | 19 04 |
| | 10 | 05 10 | 18 53 | 05 06 | 18 57 | 05 02 | 19 02 | 04 57 | 19 07 | 04 52 | 19 12 | 04 46 | 19 19 |
| | 15 | 04 59 | 19 03 | 04 54 | 19 07 | 04 49 | 19 13 | 04 43 | 19 19 | 04 36 | 19 26 | 04 28 | 19 34 |
| | 20 | 04 47 | 19 12 | 04 41 | 19 18 | 04 35 | 19 24 | 04 28 | 19 31 | 04 20 | 19 40 | 04 10 | 19 49 |
| | 25 | 04 36 | 19 21 | 04 29 | 19 28 | 04 22 | 19 35 | 04 14 | 19 44 | 04 04 | 19 54 | 03 53 | 20 05 |
| | 30 | 04 25 | 19 30 | 04 18 | 19 38 | 04 09 | 19 46 | 04 00 | 19 56 | 03 49 | 20 07 | 03 36 | 20 21 |
| May | 5 | 04 15 | 19 40 | 04 07 | 19 48 | 03 57 | 19 58 | 03 46 | 20 09 | 03 34 | 20 21 | 03 19 | 20 37 |
| | 10 | 04 05 | 19 48 | 03 56 | 19 58 | 03 46 | 20 08 | 03 34 | 20 21 | 03 19 | 20 35 | 03 02 | 20 53 |
| | 15 | 03 57 | 19 57 | 03 47 | 20 07 | 03 35 | 20 19 | 03 22 | 20 33 | 03 06 | 20 49 | 02 46 | 21 09 |
| | 20 | 03 49 | 20 05 | 03 38 | 20 16 | 03 25 | 20 29 | 03 11 | 20 44 | 02 53 | 21 02 | 02 30 | 21 25 |
| | 25 | 03 42 | 20 13 | 03 30 | 20 25 | 03 17 | 20 38 | 03 01 | 20 55 | 02 41 | 21 15 | 02 16 | 21 41 |
| | 30 | 03 36 | 20 19 | 03 24 | 20 32 | 03 09 | 20 47 | 02 52 | 21 05 | 02 30 | 21 26 | 02 02 | 21 55 |
| June | 4 | 03 32 | 20 25 | 03 19 | 20 39 | 03 03 | 20 54 | 02 45 | 21 13 | 02 22 | 21 37 | 01 50 | 22 09 |
| | 9 | 03 29 | 20 30 | 03 15 | 20 44 | 02 59 | 21 00 | 02 40 | 21 20 | 02 15 | 21 45 | 01 40 | 22 20 |
| | 14 | 03 27 | 20 34 | 03 13 | 20 48 | 02 57 | 21 04 | 02 36 | 21 25 | 02 11 | 21 51 | 01 34 | 22 28 |
| | 19 | 03 27 | 20 36 | 03 13 | 20 50 | 02 56 | 21 07 | 02 36 | 21 27 | 02 09 | 21 54 | 01 31 | 22 32 |
| | 24 | 03 28 | 20 36 | 03 14 | 20 51 | 02 57 | 21 07 | 02 37 | 21 28 | 02 11 | 21 54 | 01 33 | 22 32 |
| | 29 | 03 31 | 20 36 | 03 17 | 20 50 | 03 01 | 21 06 | 02 41 | 21 26 | 02 15 | 21 51 | 01 38 | 22 27 |
| July | 4 | 03 35 | 20 33 | 03 21 | 20 47 | 03 05 | 21 03 | 02 46 | 21 22 | 02 22 | 21 46 | 01 48 | 22 19 |
| | 9 | 03 40 | 20 30 | 03 27 | 20 43 | 03 12 | 20 58 | 02 53 | 21 16 | 02 31 | 21 39 | 02 00 | 22 09 |
| | 14 | 03 46 | 20 25 | 03 34 | 20 37 | 03 19 | 20 51 | 03 02 | 21 08 | 02 41 | 21 29 | 02 14 | 21 56 |
| | 19 | 03 53 | 20 18 | 03 42 | 20 30 | 03 28 | 20 43 | 03 12 | 20 59 | 02 53 | 21 18 | 02 28 | 21 42 |
| | 24 | 04 01 | 20 11 | 03 50 | 20 22 | 03 38 | 20 34 | 03 23 | 20 48 | 03 06 | 21 05 | 02 44 | 21 27 |
| | 29 | 04 09 | 20 03 | 03 59 | 20 13 | 03 48 | 20 24 | 03 34 | 20 37 | 03 19 | 20 52 | 03 00 | 21 11 |
| Aug. | 3 | 04 17 | 19 54 | 04 08 | 20 03 | 03 58 | 20 13 | 03 46 | 20 24 | 03 32 | 20 38 | 03 15 | 20 54 |
| | 8 | 04 26 | 19 44 | 04 18 | 19 52 | 04 09 | 20 01 | 03 58 | 20 11 | 03 46 | 20 23 | 03 31 | 20 38 |
| | 13 | 04 35 | 19 34 | 04 28 | 19 41 | 04 19 | 19 49 | 04 10 | 19 58 | 03 59 | 20 08 | 03 47 | 20 21 |
| | 18 | 04 44 | 19 23 | 04 37 | 19 29 | 04 30 | 19 36 | 04 22 | 19 44 | 04 13 | 19 53 | 04 02 | 20 03 |
| | 23 | 04 53 | 19 11 | 04 47 | 19 16 | 04 41 | 19 22 | 04 34 | 19 29 | 04 26 | 19 37 | 04 17 | 19 46 |
| | 28 | 05 02 | 18 59 | 04 57 | 19 04 | 04 52 | 19 09 | 04 46 | 19 14 | 04 40 | 19 21 | 04 32 | 19 28 |
| Sept. | 2 | 05 10 | 18 47 | 05 07 | 18 51 | 05 03 | 18 55 | 04 58 | 19 00 | 04 53 | 19 05 | 04 47 | 19 11 |
| | 7 | 05 19 | 18 35 | 05 17 | 18 38 | 05 13 | 18 41 | 05 10 | 18 44 | 05 06 | 18 48 | 05 01 | 18 53 |
| | 12 | 05 28 | 18 23 | 05 26 | 18 25 | 05 24 | 18 27 | 05 21 | 18 29 | 05 19 | 18 32 | 05 15 | 18 35 |
| | 17 | 05 37 | 18 10 | 05 36 | 18 11 | 05 35 | 18 13 | 05 33 | 18 14 | 05 31 | 18 16 | 05 30 | 18 17 |
| | 22 | 05 46 | 17 58 | 05 46 | 17 58 | 05 45 | 17 58 | 05 45 | 17 59 | 05 44 | 17 59 | 05 44 | 18 00 |
| | 27 | 05 55 | 17 45 | 05 56 | 17 45 | 05 56 | 17 44 | 05 57 | 17 44 | 05 57 | 17 43 | 05 58 | 17 42 |
| Oct. | 2 | 06 04 | 17 33 | 06 06 | 17 32 | 06 07 | 17 30 | 06 09 | 17 29 | 06 10 | 17 27 | 06 12 | 17 25 |
| | 7 | 06 13 | 17 21 | 06 16 | 17 19 | 06 18 | 17 16 | 06 21 | 17 14 | 06 24 | 17 11 | 06 27 | 17 07 |
| | 12 | 06 23 | 17 09 | 06 26 | 17 06 | 06 29 | 17 03 | 06 33 | 16 59 | 06 37 | 16 55 | 06 42 | 16 50 |
| | 17 | 06 32 | 16 57 | 06 36 | 16 54 | 06 40 | 16 49 | 06 45 | 16 44 | 06 50 | 16 39 | 06 57 | 16 33 |
| | 22 | 06 42 | 16 46 | 06 46 | 16 41 | 06 52 | 16 36 | 06 58 | 16 30 | 07 04 | 16 23 | 07 12 | 16 16 |
| | 27 | 06 51 | 16 35 | 06 57 | 16 30 | 07 03 | 16 24 | 07 10 | 16 16 | 07 18 | 16 08 | 07 27 | 15 59 |
| Nov. | 1 | 07 01 | 16 25 | 07 08 | 16 19 | 07 15 | 16 11 | 07 23 | 16 03 | 07 32 | 15 54 | 07 43 | 15 43 |
| | 6 | 07 11 | 16 16 | 07 18 | 16 08 | 07 26 | 16 00 | 07 36 | 15 51 | 07 47 | 15 40 | 07 59 | 15 27 |
| | 11 | 07 21 | 16 07 | 07 29 | 15 59 | 07 38 | 15 49 | 07 49 | 15 39 | 08 01 | 15 26 | 08 16 | 15 12 |
| | 16 | 07 30 | 15 59 | 07 39 | 15 50 | 07 49 | 15 40 | 08 01 | 15 28 | 08 15 | 15 14 | 08 32 | 14 57 |
| | 21 | 07 39 | 15 52 | 07 49 | 15 42 | 08 00 | 15 31 | 08 13 | 15 18 | 08 29 | 15 02 | 08 47 | 14 44 |
| | 26 | 07 48 | 15 46 | 07 59 | 15 36 | 08 11 | 15 23 | 08 25 | 15 09 | 08 42 | 14 52 | 09 03 | 14 31 |
| Dec. | 1 | 07 56 | 15 42 | 08 07 | 15 31 | 08 20 | 15 18 | 08 36 | 15 02 | 08 54 | 14 44 | 09 17 | 14 21 |
| | 6 | 08 03 | 15 39 | 08 15 | 15 27 | 08 29 | 15 13 | 08 45 | 14 57 | 09 05 | 14 37 | 09 30 | 14 12 |
| | 11 | 08 09 | 15 38 | 08 21 | 15 25 | 08 36 | 15 11 | 08 53 | 14 54 | 09 13 | 14 33 | 09 40 | 14 06 |
| | 16 | 08 14 | 15 38 | 08 26 | 15 25 | 08 41 | 15 10 | 08 58 | 14 53 | 09 20 | 14 32 | 09 48 | 14 04 |
| | 21 | 08 17 | 15 39 | 08 30 | 15 27 | 08 45 | 15 12 | 09 02 | 14 54 | 09 24 | 14 33 | 09 52 | 14 04 |
| | 26 | 08 19 | 15 43 | 08 31 | 15 30 | 08 46 | 15 15 | 09 04 | 14 58 | 09 25 | 14 37 | 09 53 | 14 09 |
| | 31 | 08 19 | 15 48 | 08 31 | 15 35 | 08 46 | 15 21 | 09 03 | 15 04 | 09 23 | 14 43 | 09 50 | 14 16 |
| Jan. | 1 | 08 19 | 15 49 | 08 31 | 15 36 | 08 45 | 15 22 | 09 02 | 15 05 | 09 23 | 14 45 | 09 49 | 14 18 |

Local mean time. To obtain standard time of rise or set, see table 5.

| Date | | 66° N. | | 68° N. | | 70° N. | | 72° N. | | 74° N. | | 76° N. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. | 1 | 10 29 | 13 38 | Rises 3 Jan. | | Sun does not | | Sun does not | | Sun does not | | Sun does not | |
| | 6 | 10 19 | 13 53 | 11 26 | 12 46 | rise until | | rise until | | rise until | | rise until | |
| | 11 | 10 06 | 14 10 | 10 56 | 13 20 | 17 January | | 26 January | | 2 February | | 9 February | |
| | 16 | 09 52 | 14 28 | 10 31 | 13 49 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 21 | 09 36 | 14 47 | 10 08 | 14 15 | 11 01 | 13 22 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 26 | 09 19 | 15 06 | 09 46 | 14 40 | 10 24 | 14 01 | 11 57 | 12 29 | .. .. | .. .. | .. .. | .. .. |
| | 31 | 09 02 | 15 26 | 09 24 | 15 04 | 09 54 | 14 34 | 10 41 | 13 47 | .. .. | .. .. | .. .. | .. .. |
| Feb. | 5 | 08 44 | 15 45 | 09 03 | 15 26 | 09 27 | 15 02 | 10 01 | 14 28 | 10 59 | 13 30 | .. .. | .. .. |
| | 10 | 08 26 | 16 04 | 08 42 | 15 48 | 09 01 | 15 28 | 09 28 | 15 02 | 10 05 | 14 25 | 11 21 | 13 10 |
| | 15 | 08 08 | 16 22 | 08 21 | 16 09 | 08 37 | 15 53 | 08 57 | 15 33 | 09 25 | 15 05 | 10 07 | 14 23 |
| | 20 | 07 49 | 16 40 | 08 00 | 16 29 | 08 13 | 16 17 | 08 29 | 16 01 | 08 50 | 15 40 | 09 19 | 15 10 |
| | 25 | 07 30 | 16 57 | 07 39 | 16 49 | 07 49 | 16 39 | 08 01 | 16 27 | 08 17 | 16 11 | 08 39 | 15 50 |
| Mar. | 1 | 07 12 | 17 14 | 07 18 | 17 08 | 07 26 | 17 01 | 07 35 | 16 52 | 07 47 | 16 40 | 08 02 | 16 25 |
| | 6 | 06 53 | 17 31 | 06 57 | 17 27 | 07 02 | 17 22 | 07 09 | 17 16 | 07 17 | 17 08 | 07 27 | 16 58 |
| | 11 | 06 34 | 17 48 | 06 36 | 17 45 | 06 39 | 17 43 | 06 43 | 17 39 | 06 47 | 17 35 | 06 53 | 17 29 |
| | 16 | 06 15 | 18 04 | 06 15 | 18 04 | 06 16 | 18 03 | 06 17 | 18 02 | 06 18 | 18 01 | 06 20 | 18 00 |
| | 21 | 05 55 | 18 21 | 05 54 | 18 22 | 05 53 | 18 23 | 05 52 | 18 25 | 05 50 | 18 27 | 05 47 | 18 30 |
| | 26 | 05 36 | 18 37 | 05 33 | 18 40 | 05 30 | 18 44 | 05 26 | 18 48 | 05 20 | 18 54 | 05 14 | 19 01 |
| | 31 | 05 17 | 18 53 | 05 12 | 18 58 | 05 06 | 19 04 | 05 00 | 19 12 | 04 51 | 19 21 | 04 39 | 19 33 |
| Apr. | 5 | 04 58 | 19 10 | 04 51 | 19 17 | 04 43 | 19 25 | 04 33 | 19 36 | 04 20 | 19 49 | 04 04 | 20 06 |
| | 10 | 04 38 | 19 27 | 04 29 | 19 36 | 04 19 | 19 47 | 04 06 | 20 00 | 03 49 | 20 18 | 03 26 | 20 43 |
| | 15 | 04 19 | 19 44 | 04 08 | 19 55 | 03 54 | 20 09 | 03 37 | 20 27 | 03 15 | 20 50 | 02 43 | 21 24 |
| | 20 | 03 59 | 20 01 | 03 46 | 20 15 | 03 29 | 20 32 | 03 07 | 20 55 | 02 37 | 21 26 | 01 50 | 22 18 |
| | 25 | 03 40 | 20 19 | 03 23 | 20 35 | 03 03 | 20 57 | 02 35 | 21 26 | 01 53 | 22 11 | .. .. | .. .. |
| | 30 | 03 20 | 20 37 | 03 01 | 20 57 | 02 35 | 21 24 | 01 58 | 22 03 | 00 46 | 23 38 | .. .. | .. .. |
| May | 5 | 03 00 | 20 56 | 02 37 | 21 20 | 02 04 | 21 54 | 01 10 | 22 55 | .. .. | .. .. | .. .. | .. .. |
| | 10 | 02 41 | 21 15 | 02 12 | 21 45 | 01 29 | 22 32 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 15 | 02 21 | 21 35 | 01 45 | 22 12 | 00 35 | 23 42 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 20 | 02 01 | 21 56 | 01 14 | 22 45 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 25 | 01 40 | 22 17 | 00 29 | 23 46 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 30 | 01 20 | 22 40 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| June | 4 | 00 58 | 23 04 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 9 | 00 32 | 23 32 | Sun rises | | Sun rises | | Sun rises | | Sun rises | | Sun rises | |
| | 14 | Sun rises | | 27 May | | 16 May | | 8 May | | 1 May | | 24 April | |
| | 19 | 12 June | | Sun sets | | Sun sets | | Sun sets | | Sun sets | | Sun sets | |
| | 24 | | | 17 July | | 27 July | | 4 August | | 12 August | | 17 August | |
| | 29 | .. .. | 23 56 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| July | 4 | 00 44 | 23 20 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 9 | 01 09 | 22 57 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 14 | 01 32 | 22 36 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 19 | 01 54 | 22 15 | 00 50 | 23 13 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 24 | 02 15 | 21 55 | 01 31 | 22 36 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 29 | 02 35 | 21 35 | 02 01 | 22 07 | 00 58 | 23 04 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| Aug. | 3 | 02 54 | 21 15 | 02 27 | 21 42 | 01 46 | 22 20 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 8 | 03 13 | 20 55 | 02 50 | 21 17 | 02 19 | 21 47 | 01 28 | 22 34 | .. .. | .. .. | .. .. | .. .. |
| | 13 | 03 31 | 20 35 | 03 12 | 20 54 | 02 48 | 21 18 | 02 12 | 21 51 | 01 08 | 22 48 | .. .. | .. .. |
| | 18 | 03 49 | 20 16 | 03 33 | 20 31 | 03 13 | 20 51 | 02 46 | 21 16 | 02 07 | 21 53 | 00 37 | 23 05 |
| | 23 | 04 06 | 19 56 | 03 53 | 20 09 | 03 37 | 20 25 | 03 16 | 20 45 | 02 47 | 21 12 | 02 02 | 21 54 |
| | 28 | 04 23 | 19 37 | 04 12 | 19 47 | 03 59 | 20 00 | 03 43 | 20 16 | 03 21 | 20 36 | 02 50 | 21 05 |
| Sept. | 2 | 04 39 | 19 17 | 04 31 | 19 26 | 04 21 | 19 36 | 04 08 | 19 48 | 03 51 | 20 03 | 03 29 | 20 24 |
| | 7 | 04 56 | 18 58 | 04 49 | 19 04 | 04 41 | 19 12 | 04 32 | 19 21 | 04 20 | 19 32 | 04 04 | 19 47 |
| | 12 | 05 11 | 18 39 | 05 07 | 18 43 | 05 02 | 18 48 | 04 55 | 18 54 | 04 47 | 19 02 | 04 36 | 19 12 |
| | 17 | 05 27 | 18 20 | 05 25 | 18 22 | 05 21 | 18 25 | 05 18 | 18 28 | 05 13 | 18 33 | 05 06 | 18 39 |
| | 22 | 05 43 | 18 00 | 05 42 | 18 01 | 05 41 | 18 02 | 05 40 | 18 03 | 05 38 | 18 04 | 05 36 | 18 06 |
| | 27 | 05 59 | 17 41 | 06 00 | 17 40 | 06 01 | 17 39 | 06 02 | 17 37 | 06 04 | 17 35 | 06 06 | 17 33 |
| Oct. | 2 | 06 15 | 17 22 | 06 18 | 17 19 | 06 21 | 17 16 | 06 25 | 17 12 | 06 30 | 17 06 | 06 36 | 17 00 |
| | 7 | 06 31 | 17 03 | 06 35 | 16 58 | 06 41 | 16 53 | 06 48 | 16 46 | 06 56 | 16 37 | 07 07 | 16 26 |
| | 12 | 06 47 | 16 44 | 06 54 | 16 37 | 07 02 | 16 29 | 07 11 | 16 20 | 07 23 | 16 07 | 07 39 | 15 51 |
| | 17 | 07 04 | 16 25 | 07 12 | 16 17 | 07 23 | 16 06 | 07 36 | 15 53 | 07 52 | 15 36 | 08 14 | 15 14 |
| | 22 | 07 21 | 16 07 | 07 32 | 15 56 | 07 45 | 15 42 | 08 01 | 15 26 | 08 23 | 15 04 | 08 54 | 14 33 |
| | 27 | 07 38 | 15 48 | 07 52 | 15 35 | 08 08 | 15 18 | 08 29 | 14 57 | 08 58 | 14 28 | 09 42 | 13 44 |
| Nov. | 1 | 07 56 | 15 30 | 08 12 | 15 14 | 08 32 | 14 54 | 08 59 | 14 27 | 09 38 | 13 47 | 11 03 | 12 22 |
| | 6 | 08 15 | 15 12 | 08 34 | 14 53 | 08 58 | 14 28 | 09 33 | 13 53 | 10 35 | 12 51 | .. .. | .. .. |
| | 11 | 08 33 | 14 54 | 08 56 | 14 31 | 09 27 | 14 00 | 10 15 | 13 12 | .. .. | .. .. | .. .. | .. .. |
| | 16 | 08 52 | 14 37 | 09 19 | 14 10 | 09 59 | 13 30 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 21 | 09 11 | 14 20 | 09 44 | 13 47 | 10 38 | 12 53 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 26 | 09 30 | 14 04 | 10 10 | 13 24 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| Dec. | 1 | 09 48 | 13 50 | 10 38 | 12 59 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 6 | 10 05 | 13 37 | 11 13 | 12 29 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 11 | 10 19 | 13 28 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| | 16 | 10 30 | 13 22 | Sun does not | | Sun does not | | Sun does not | | Sun does not | | Sun does not | |
| | 21 | 10 35 | 13 22 | rise after | | rise after | | rise after | | rise after | | rise after | |
| | 26 | 10 35 | 13 27 | 8 December | | 24 November | | 15 Movember | | 9 November | | 1 November | |
| | 31 | 10 29 | 13 38 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |
| Jan. | 1 | 10 27 | 13 40 | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. | .. .. |

Local mean time. To obtain standard time of rise or set, see table 5.

| Date | | 0° | | 5° S. | | 10° S. | | 15° S. | | 20° S. | | 25° S. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. | 1 | 06 00 | 18 07 | 05 51 | 18 16 | 05 42 | 18 24 | 05 33 | 18 33 | 05 24 | 18 43 | 05 13 | 18 53 |
| | 6 | 06 02 | 18 09 | 05 54 | 18 18 | 05 45 | 18 26 | 05 36 | 18 35 | 05 27 | 18 44 | 05 17 | 18 54 |
| | 11 | 06 04 | 18 11 | 05 56 | 18 19 | 05 48 | 18 28 | 05 39 | 18 36 | 05 30 | 18 45 | 05 20 | 18 55 |
| | 16 | 06 06 | 18 13 | 05 58 | 18 21 | 05 50 | 18 29 | 05 42 | 18 37 | 05 33 | 18 46 | 05 24 | 18 55 |
| | 21 | 06 08 | 18 15 | 06 00 | 18 22 | 05 53 | 18 30 | 05 45 | 18 37 | 05 37 | 18 45 | 05 28 | 18 54 |
| | 26 | 06 09 | 18 16 | 06 02 | 18 23 | 05 55 | 18 30 | 05 48 | 18 37 | 05 40 | 18 45 | 05 32 | 18 53 |
| | 31 | 06 10 | 18 17 | 06 03 | 18 23 | 05 57 | 18 30 | 05 50 | 18 36 | 05 43 | 18 43 | 05 35 | 18 51 |
| Feb. | 5 | 06 10 | 18 17 | 06 05 | 18 23 | 05 59 | 18 29 | 05 53 | 18 35 | 05 46 | 18 42 | 05 39 | 18 48 |
| | 10 | 06 11 | 18 18 | 06 06 | 18 23 | 06 00 | 18 28 | 05 55 | 18 34 | 05 49 | 18 39 | 05 43 | 18 46 |
| | 15 | 06 11 | 18 18 | 06 06 | 18 22 | 06 01 | 18 27 | 05 57 | 18 32 | 05 51 | 18 37 | 05 46 | 18 42 |
| | 20 | 06 10 | 18 17 | 06 06 | 18 21 | 06 02 | 18 25 | 05 58 | 18 29 | 05 54 | 18 34 | 05 49 | 18 38 |
| | 25 | 06 10 | 18 16 | 06 07 | 18 20 | 06 03 | 18 23 | 06 00 | 18 26 | 05 56 | 18 30 | 05 52 | 18 34 |
| Mar. | 1 | 06 09 | 18 16 | 06 06 | 18 18 | 06 04 | 18 21 | 06 01 | 18 23 | 05 58 | 18 26 | 05 55 | 18 29 |
| | 6 | 06 08 | 18 14 | 06 06 | 18 16 | 06 04 | 18 18 | 06 02 | 18 20 | 06 00 | 18 22 | 05 57 | 18 25 |
| | 11 | 06 07 | 18 13 | 06 05 | 18 14 | 06 04 | 18 16 | 06 03 | 18 17 | 06 01 | 18 18 | 06 00 | 18 20 |
| | 16 | 06 05 | 18 12 | 06 05 | 18 12 | 06 04 | 18 13 | 06 03 | 18 13 | 06 03 | 18 14 | 06 02 | 18 15 |
| | 21 | 06 04 | 18 10 | 06 04 | 18 10 | 06 04 | 18 10 | 06 04 | 18 10 | 06 04 | 18 10 | 06 04 | 18 10 |
| | 26 | 06 02 | 18 09 | 06 03 | 18 08 | 06 04 | 18 07 | 06 05 | 18 06 | 06 06 | 18 05 | 06 06 | 18 04 |
| | 31 | 06 01 | 18 07 | 06 02 | 18 06 | 06 04 | 18 04 | 06 05 | 18 03 | 06 07 | 18 01 | 06 09 | 17 59 |
| Apr. | 5 | 05 59 | 18 06 | 06 02 | 18 04 | 06 04 | 18 01 | 06 06 | 17 59 | 06 08 | 17 57 | 06 11 | 17 54 |
| | 10 | 05 58 | 18 05 | 06 01 | 18 02 | 06 04 | 17 59 | 06 07 | 17 56 | 06 10 | 17 53 | 06 13 | 17 49 |
| | 15 | 05 57 | 18 03 | 06 00 | 18 00 | 06 04 | 17 56 | 06 07 | 17 52 | 06 11 | 17 49 | 06 15 | 17 45 |
| | 20 | 05 55 | 18 02 | 06 00 | 17 58 | 06 04 | 17 54 | 06 08 | 17 49 | 06 13 | 17 45 | 06 17 | 17 40 |
| | 25 | 05 55 | 18 01 | 05 59 | 17 56 | 06 04 | 17 52 | 06 09 | 17 47 | 06 14 | 17 41 | 06 20 | 17 36 |
| | 30 | 05 54 | 18 01 | 05 59 | 17 55 | 06 04 | 17 50 | 06 10 | 17 44 | 06 16 | 17 38 | 06 22 | 17 32 |
| May | 5 | 05 53 | 18 00 | 05 59 | 17 54 | 06 05 | 17 48 | 06 11 | 17 42 | 06 18 | 17 36 | 06 24 | 17 29 |
| | 10 | 05 53 | 18 00 | 05 59 | 17 53 | 06 06 | 17 47 | 06 12 | 17 40 | 06 19 | 17 33 | 06 27 | 17 26 |
| | 15 | 05 53 | 18 00 | 06 00 | 17 53 | 06 07 | 17 46 | 06 14 | 17 39 | 06 21 | 17 31 | 06 29 | 17 23 |
| | 20 | 05 53 | 18 00 | 06 00 | 17 53 | 06 08 | 17 45 | 06 15 | 17 38 | 06 23 | 17 30 | 06 32 | 17 21 |
| | 25 | 05 53 | 18 01 | 06 01 | 17 53 | 06 09 | 17 45 | 06 17 | 17 37 | 06 25 | 17 28 | 06 34 | 17 19 |
| | 30 | 05 54 | 18 01 | 06 02 | 17 53 | 06 10 | 17 45 | 06 18 | 17 37 | 06 27 | 17 28 | 06 37 | 17 18 |
| June | 4 | 05 55 | 18 02 | 06 03 | 17 54 | 06 11 | 17 45 | 06 20 | 17 37 | 06 29 | 17 28 | 06 39 | 17 18 |
| | 9 | 05 56 | 18 03 | 06 04 | 17 54 | 06 13 | 17 46 | 06 22 | 17 37 | 06 31 | 17 28 | 06 41 | 17 18 |
| | 14 | 05 57 | 18 04 | 06 05 | 17 55 | 06 14 | 17 47 | 06 23 | 17 38 | 06 32 | 17 28 | 06 43 | 17 18 |
| | 19 | 05 58 | 18 05 | 06 06 | 17 56 | 06 15 | 17 48 | 06 24 | 17 39 | 06 34 | 17 29 | 06 44 | 17 19 |
| | 24 | 05 59 | 18 06 | 06 08 | 17 57 | 06 16 | 17 49 | 06 25 | 17 40 | 06 35 | 17 30 | 06 45 | 17 20 |
| | 29 | 06 00 | 18 07 | 06 08 | 17 59 | 06 17 | 17 50 | 06 26 | 17 41 | 06 36 | 17 32 | 06 46 | 17 22 |
| July | 4 | 06 01 | 18 08 | 06 09 | 18 00 | 06 18 | 17 51 | 06 27 | 17 42 | 06 36 | 17 33 | 06 46 | 17 23 |
| | 9 | 06 02 | 18 09 | 06 10 | 18 01 | 06 18 | 17 52 | 06 27 | 17 44 | 06 36 | 17 35 | 06 45 | 17 25 |
| | 14 | 06 02 | 18 09 | 06 10 | 18 02 | 06 18 | 17 54 | 06 27 | 17 45 | 06 35 | 17 37 | 06 44 | 17 27 |
| | 19 | 06 03 | 18 10 | 06 10 | 18 02 | 06 18 | 17 55 | 06 26 | 17 47 | 06 34 | 17 39 | 06 43 | 17 30 |
| | 24 | 06 03 | 18 10 | 06 10 | 18 03 | 06 17 | 17 56 | 06 25 | 17 48 | 06 33 | 17 40 | 06 41 | 17 32 |
| | 29 | 06 03 | 18 10 | 06 10 | 18 03 | 06 17 | 17 56 | 06 24 | 17 49 | 06 31 | 17 42 | 06 39 | 17 34 |
| Aug. | 3 | 06 03 | 18 10 | 06 09 | 18 03 | 06 15 | 17 57 | 06 22 | 17 51 | 06 29 | 17 44 | 06 36 | 17 37 |
| | 8 | 06 02 | 18 09 | 06 08 | 18 03 | 06 14 | 17 58 | 06 20 | 17 52 | 06 26 | 17 45 | 06 33 | 17 39 |
| | 13 | 06 01 | 18 08 | 06 07 | 18 03 | 06 12 | 17 58 | 06 17 | 17 53 | 06 23 | 17 47 | 06 29 | 17 41 |
| | 18 | 06 00 | 18 07 | 06 05 | 18 03 | 06 10 | 17 58 | 06 14 | 17 53 | 06 19 | 17 48 | 06 25 | 17 43 |
| | 23 | 05 59 | 18 06 | 06 03 | 18 02 | 06 07 | 17 58 | 06 11 | 17 54 | 06 16 | 17 50 | 06 20 | 17 45 |
| | 28 | 05 58 | 18 04 | 06 01 | 18 01 | 06 05 | 17 58 | 06 08 | 17 54 | 06 12 | 17 51 | 06 15 | 17 47 |
| Sept. | 2 | 05 56 | 18 03 | 05 59 | 18 00 | 06 02 | 17 57 | 06 05 | 17 55 | 06 07 | 17 52 | 06 10 | 17 49 |
| | 7 | 05 55 | 18 01 | 05 57 | 17 59 | 05 59 | 17 57 | 06 01 | 17 55 | 06 03 | 17 53 | 06 05 | 17 51 |
| | 12 | 05 53 | 17 59 | 05 54 | 17 58 | 05 56 | 17 57 | 05 57 | 17 55 | 05 59 | 17 54 | 06 00 | 17 53 |
| | 17 | 05 51 | 17 58 | 05 52 | 17 57 | 05 53 | 17 56 | 05 53 | 17 56 | 05 54 | 17 55 | 05 55 | 17 54 |
| | 22 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 56 |
| | 27 | 05 48 | 17 54 | 05 47 | 17 55 | 05 46 | 17 56 | 05 46 | 17 56 | 05 45 | 17 57 | 05 44 | 17 58 |
| Oct. | 2 | 05 46 | 17 52 | 05 45 | 17 54 | 05 43 | 17 55 | 05 42 | 17 57 | 05 40 | 17 58 | 05 39 | 18 00 |
| | 7 | 05 44 | 17 51 | 05 42 | 17 53 | 05 40 | 17 55 | 05 38 | 17 57 | 05 36 | 18 00 | 05 34 | 18 02 |
| | 12 | 05 43 | 17 50 | 05 40 | 17 52 | 05 38 | 17 55 | 05 35 | 17 58 | 05 32 | 18 01 | 05 29 | 18 05 |
| | 17 | 05 42 | 17 49 | 05 39 | 17 52 | 05 35 | 17 55 | 05 32 | 17 59 | 05 28 | 18 03 | 05 24 | 18 07 |
| | 22 | 05 41 | 17 48 | 05 37 | 17 52 | 05 33 | 17 56 | 05 29 | 18 00 | 05 24 | 18 05 | 05 20 | 18 10 |
| | 27 | 05 40 | 17 47 | 05 36 | 17 52 | 05 31 | 17 57 | 05 26 | 18 02 | 05 21 | 18 07 | 05 16 | 18 12 |
| Nov. | 1 | 05 40 | 17 47 | 05 35 | 17 52 | 05 30 | 17 58 | 05 24 | 18 03 | 05 18 | 18 09 | 05 12 | 18 16 |
| | 6 | 05 40 | 17 47 | 05 34 | 17 53 | 05 28 | 17 59 | 05 22 | 18 05 | 05 16 | 18 12 | 05 09 | 18 19 |
| | 11 | 05 41 | 17 48 | 05 34 | 17 54 | 05 28 | 18 01 | 05 21 | 18 07 | 05 14 | 18 14 | 05 06 | 18 22 |
| | 16 | 05 41 | 17 48 | 05 34 | 17 55 | 05 27 | 18 02 | 05 20 | 18 10 | 05 12 | 18 17 | 05 04 | 18 26 |
| | 21 | 05 42 | 17 50 | 05 35 | 17 57 | 05 28 | 18 04 | 05 20 | 18 12 | 05 12 | 18 20 | 05 03 | 18 29 |
| | 26 | 05 44 | 17 51 | 05 36 | 17 59 | 05 28 | 18 07 | 05 20 | 18 15 | 05 11 | 18 24 | 05 02 | 18 33 |
| Dec. | 1 | 05 45 | 17 53 | 05 37 | 18 01 | 05 29 | 18 09 | 05 21 | 18 18 | 05 12 | 18 27 | 05 02 | 18 37 |
| | 6 | 05 47 | 17 55 | 05 39 | 18 03 | 05 31 | 18 12 | 05 22 | 18 21 | 05 12 | 18 30 | 05 02 | 18 40 |
| | 11 | 05 50 | 17 57 | 05 41 | 18 06 | 05 32 | 18 14 | 05 23 | 18 24 | 05 14 | 18 33 | 05 03 | 18 43 |
| | 16 | 05 52 | 18 00 | 05 43 | 18 08 | 05 35 | 18 17 | 05 25 | 18 26 | 05 16 | 18 36 | 05 05 | 18 46 |
| | 21 | 05 54 | 18 02 | 05 46 | 18 11 | 05 37 | 18 20 | 05 28 | 18 29 | 05 18 | 18 39 | 05 07 | 18 49 |
| | 26 | 05 57 | 18 05 | 05 48 | 18 13 | 05 39 | 18 22 | 05 30 | 18 31 | 05 21 | 18 41 | 05 10 | 18 51 |
| | 31 | 05 59 | 18 07 | 05 51 | 18 15 | 05 42 | 18 24 | 05 33 | 18 33 | 05 23 | 18 43 | 05 13 | 18 53 |
| Jan. | 1 | 06 00 | 18 07 | 05 51 | 18 16 | 05 43 | 18 25 | 05 34 | 18 34 | 05 24 | 18 43 | 05 14 | 18 53 |

Local mean time. To obtain standard time of rise or set, see table 5.

| Date | | 30° S. | | 32° S. | | 34° S. | | 36° S. | | 38° S. | | 40° S. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. | 1 | 05 02 | 19 05 | 04 57 | 19 09 | 04 52 | 19 15 | 04 46 | 19 20 | 04 41 | 19 26 | 04 34 | 19 32 |
| | 6 | 05 06 | 19 05 | 05 01 | 19 10 | 04 56 | 19 15 | 04 50 | 19 20 | 04 45 | 19 26 | 04 39 | 19 32 |
| | 11 | 05 10 | 19 06 | 05 05 | 19 10 | 05 00 | 19 15 | 04 55 | 19 20 | 04 50 | 19 26 | 04 44 | 19 31 |
| | 16 | 05 14 | 19 05 | 05 09 | 19 09 | 05 05 | 19 14 | 05 00 | 19 19 | 04 55 | 19 24 | 04 49 | 19 30 |
| | 21 | 05 18 | 19 04 | 05 14 | 19 08 | 05 10 | 19 12 | 05 05 | 19 17 | 05 00 | 19 22 | 04 55 | 19 27 |
| | 26 | 05 23 | 19 02 | 05 19 | 19 06 | 05 15 | 19 10 | 05 10 | 19 14 | 05 06 | 19 19 | 05 01 | 19 23 |
| | 31 | 05 27 | 18 59 | 05 24 | 19 03 | 05 20 | 19 07 | 05 16 | 19 10 | 05 11 | 19 15 | 05 07 | 19 19 |
| Feb. | 5 | 05 31 | 18 56 | 05 28 | 18 59 | 05 25 | 19 03 | 05 21 | 19 06 | 05 17 | 19 10 | 05 13 | 19 14 |
| | 10 | 05 36 | 18 52 | 05 33 | 18 55 | 05 30 | 18 58 | 05 26 | 19 01 | 05 23 | 19 05 | 05 19 | 19 08 |
| | 15 | 05 40 | 18 48 | 05 37 | 18 51 | 05 35 | 18 53 | 05 32 | 18 56 | 05 29 | 18 59 | 05 25 | 19 02 |
| | 20 | 05 44 | 18 43 | 05 42 | 18 46 | 05 39 | 18 48 | 05 37 | 18 50 | 05 34 | 18 53 | 05 31 | 18 56 |
| | 25 | 05 48 | 18 38 | 05 46 | 18 40 | 05 44 | 18 42 | 05 42 | 18 44 | 05 39 | 18 46 | 05 37 | 18 48 |
| Mar. | 1 | 05 51 | 18 33 | 05 50 | 18 34 | 05 48 | 18 36 | 05 46 | 18 38 | 05 45 | 18 39 | 05 43 | 18 41 |
| | 6 | 05 55 | 18 27 | 05 53 | 18 28 | 05 52 | 18 30 | 05 51 | 18 31 | 05 50 | 18 32 | 05 48 | 18 33 |
| | 11 | 05 58 | 18 21 | 05 57 | 18 22 | 05 56 | 18 23 | 05 56 | 18 24 | 05 55 | 18 25 | 05 54 | 18 25 |
| | 16 | 06 01 | 18 15 | 06 01 | 18 16 | 06 00 | 18 16 | 06 00 | 18 17 | 05 59 | 18 17 | 05 59 | 18 17 |
| | 21 | 06 04 | 18 09 | 06 04 | 18 09 | 06 04 | 18 09 | 06 04 | 18 09 | 06 04 | 18 09 | 06 04 | 18 09 |
| | 26 | 06 07 | 18 03 | 06 08 | 18 03 | 06 08 | 18 03 | 06 08 | 18 02 | 06 09 | 18 02 | 06 09 | 18 01 |
| | 31 | 06 10 | 17 57 | 06 11 | 17 57 | 06 12 | 17 56 | 06 13 | 17 55 | 06 13 | 17 54 | 06 14 | 17 53 |
| Apr. | 5 | 06 13 | 17 52 | 06 14 | 17 50 | 06 16 | 17 49 | 06 17 | 17 48 | 06 18 | 17 47 | 06 19 | 17 45 |
| | 10 | 06 16 | 17 46 | 06 18 | 17 44 | 06 19 | 17 43 | 06 21 | 17 41 | 06 23 | 17 39 | 06 24 | 17 38 |
| | 15 | 06 19 | 17 40 | 06 21 | 17 38 | 06 23 | 17 36 | 06 25 | 17 34 | 06 27 | 17 32 | 06 29 | 17 30 |
| | 20 | 06 22 | 17 35 | 06 25 | 17 33 | 06 27 | 17 30 | 06 29 | 17 28 | 06 32 | 17 25 | 06 34 | 17 23 |
| | 25 | 06 25 | 17 30 | 06 28 | 17 27 | 06 31 | 17 25 | 06 33 | 17 22 | 06 36 | 17 19 | 06 39 | 17 16 |
| | 30 | 06 29 | 17 25 | 06 31 | 17 23 | 06 34 | 17 20 | 06 37 | 17 16 | 06 41 | 17 13 | 06 44 | 17 10 |
| May | 5 | 06 32 | 17 21 | 06 35 | 17 18 | 06 38 | 17 15 | 06 42 | 17 11 | 06 45 | 17 08 | 06 49 | 17 04 |
| | 10 | 06 35 | 17 18 | 06 38 | 17 14 | 06 42 | 17 10 | 06 46 | 17 07 | 06 50 | 17 03 | 06 54 | 16 58 |
| | 15 | 06 38 | 17 14 | 06 42 | 17 11 | 06 46 | 17 07 | 06 50 | 17 03 | 06 54 | 16 58 | 06 59 | 16 54 |
| | 20 | 06 41 | 17 12 | 06 45 | 17 08 | 06 49 | 17 04 | 06 54 | 16 59 | 06 58 | 16 55 | 07 03 | 16 50 |
| | 25 | 06 44 | 17 10 | 06 48 | 17 05 | 06 53 | 17 01 | 06 57 | 16 56 | 07 02 | 16 51 | 07 07 | 16 46 |
| | 30 | 06 47 | 17 08 | 06 51 | 17 04 | 06 56 | 16 59 | 07 01 | 16 54 | 07 06 | 16 49 | 07 11 | 16 44 |
| June | 4 | 06 49 | 17 07 | 06 54 | 17 03 | 06 59 | 16 58 | 07 04 | 16 53 | 07 09 | 16 48 | 07 15 | 16 42 |
| | 9 | 06 52 | 17 07 | 06 56 | 17 02 | 07 01 | 16 57 | 07 06 | 16 52 | 07 12 | 16 47 | 07 18 | 16 41 |
| | 14 | 06 54 | 17 07 | 06 58 | 17 02 | 07 03 | 16 57 | 07 09 | 16 52 | 07 14 | 16 47 | 07 20 | 16 41 |
| | 19 | 06 55 | 17 08 | 07 00 | 17 03 | 07 05 | 16 58 | 07 10 | 16 53 | 07 16 | 16 47 | 07 22 | 16 41 |
| | 24 | 06 56 | 17 09 | 07 01 | 17 04 | 07 06 | 16 59 | 07 11 | 16 54 | 07 17 | 16 48 | 07 23 | 16 42 |
| | 29 | 06 57 | 17 11 | 07 01 | 17 06 | 07 06 | 17 01 | 07 11 | 16 56 | 07 17 | 16 50 | 07 23 | 16 44 |
| July | 4 | 06 56 | 17 13 | 07 01 | 17 08 | 07 06 | 17 03 | 07 11 | 16 58 | 07 16 | 16 53 | 07 22 | 16 47 |
| | 9 | 06 56 | 17 15 | 07 00 | 17 10 | 07 05 | 17 06 | 07 10 | 17 01 | 07 15 | 16 56 | 07 21 | 16 50 |
| | 14 | 06 55 | 17 17 | 06 59 | 17 13 | 07 03 | 17 09 | 07 08 | 17 04 | 07 13 | 16 59 | 07 19 | 16 53 |
| | 19 | 06 53 | 17 20 | 06 57 | 17 16 | 07 01 | 17 12 | 07 06 | 17 07 | 07 11 | 17 02 | 07 16 | 16 57 |
| | 24 | 06 50 | 17 23 | 06 54 | 17 19 | 06 58 | 17 15 | 07 03 | 17 11 | 07 07 | 17 06 | 07 12 | 17 01 |
| | 29 | 06 47 | 17 26 | 06 51 | 17 22 | 06 55 | 17 18 | 06 59 | 17 14 | 07 03 | 17 10 | 07 07 | 17 06 |
| Aug. | 3 | 06 44 | 17 29 | 06 47 | 17 25 | 06 51 | 17 22 | 06 54 | 17 18 | 06 58 | 17 14 | 07 02 | 17 10 |
| | 8 | 06 40 | 17 32 | 06 43 | 17 29 | 06 46 | 17 26 | 06 49 | 17 22 | 06 53 | 17 19 | 06 57 | 17 15 |
| | 13 | 06 35 | 17 35 | 06 38 | 17 32 | 06 41 | 17 29 | 06 44 | 17 26 | 06 47 | 17 23 | 06 51 | 17 20 |
| | 18 | 06 30 | 17 37 | 06 33 | 17 35 | 06 35 | 17 33 | 06 38 | 17 30 | 06 41 | 17 27 | 06 44 | 17 24 |
| | 23 | 06 25 | 17 40 | 06 27 | 17 38 | 06 29 | 17 36 | 06 32 | 17 34 | 06 34 | 17 31 | 06 37 | 17 29 |
| | 28 | 06 20 | 17 43 | 06 21 | 17 41 | 06 23 | 17 39 | 06 25 | 17 38 | 06 27 | 17 36 | 06 29 | 17 34 |
| Sept. | 2 | 06 14 | 17 46 | 06 15 | 17 44 | 06 17 | 17 43 | 06 18 | 17 41 | 06 20 | 17 40 | 06 21 | 17 38 |
| | 7 | 06 08 | 17 48 | 06 09 | 17 47 | 06 10 | 17 46 | 06 11 | 17 45 | 06 12 | 17 44 | 06 14 | 17 43 |
| | 12 | 06 02 | 17 51 | 06 02 | 17 50 | 06 03 | 17 50 | 06 04 | 17 49 | 06 05 | 17 48 | 06 05 | 17 47 |
| | 17 | 05 55 | 17 54 | 05 56 | 17 53 | 05 56 | 17 53 | 05 56 | 17 53 | 05 57 | 17 52 | 05 57 | 17 52 |
| | 22 | 05 49 | 17 56 | 05 49 | 17 56 | 05 49 | 17 57 | 05 49 | 17 57 | 05 49 | 17 57 | 05 49 | 17 57 |
| | 27 | 05 43 | 17 59 | 05 43 | 18 00 | 05 42 | 18 00 | 05 42 | 18 01 | 05 41 | 18 01 | 05 41 | 18 02 |
| Oct. | 2 | 05 37 | 18 02 | 05 36 | 18 03 | 05 35 | 18 04 | 05 34 | 18 05 | 05 33 | 18 06 | 05 32 | 18 07 |
| | 7 | 05 31 | 18 05 | 05 30 | 18 06 | 05 28 | 18 08 | 05 27 | 18 09 | 05 26 | 18 10 | 05 24 | 18 12 |
| | 12 | 05 25 | 18 08 | 05 23 | 18 10 | 05 22 | 18 11 | 05 20 | 18 13 | 05 18 | 18 15 | 05 17 | 18 17 |
| | 17 | 05 19 | 18 11 | 05 18 | 18 13 | 05 16 | 18 15 | 05 14 | 18 18 | 05 11 | 18 20 | 05 09 | 18 22 |
| | 22 | 05 14 | 18 15 | 05 12 | 18 17 | 05 10 | 18 20 | 05 07 | 18 22 | 05 05 | 18 25 | 05 02 | 18 28 |
| | 27 | 05 09 | 18 19 | 05 07 | 18 21 | 05 04 | 18 24 | 05 01 | 18 27 | 04 58 | 18 30 | 04 55 | 18 33 |
| Nov. | 1 | 05 05 | 18 22 | 05 02 | 18 25 | 04 59 | 18 29 | 04 56 | 18 32 | 04 52 | 18 35 | 04 49 | 18 39 |
| | 6 | 05 01 | 18 26 | 04 58 | 18 30 | 04 54 | 18 33 | 04 51 | 18 37 | 04 47 | 18 41 | 04 43 | 18 45 |
| | 11 | 04 58 | 18 31 | 04 54 | 18 34 | 04 51 | 18 38 | 04 47 | 18 42 | 04 42 | 18 46 | 04 38 | 18 51 |
| | 16 | 04 55 | 18 35 | 04 51 | 18 39 | 04 47 | 18 43 | 04 43 | 18 47 | 04 38 | 18 52 | 04 33 | 18 57 |
| | 21 | 04 53 | 18 39 | 04 49 | 18 43 | 04 45 | 18 48 | 04 40 | 18 52 | 04 35 | 18 57 | 04 30 | 19 03 |
| | 26 | 04 52 | 18 43 | 04 47 | 18 48 | 04 43 | 18 52 | 04 38 | 18 57 | 04 33 | 19 03 | 04 27 | 19 08 |
| Dec. | 1 | 04 51 | 18 47 | 04 47 | 18 52 | 04 42 | 18 57 | 04 37 | 19 02 | 04 31 | 19 08 | 04 25 | 19 13 |
| | 6 | 04 51 | 18 51 | 04 47 | 18 56 | 04 42 | 19 01 | 04 36 | 19 06 | 04 31 | 19 12 | 04 25 | 19 18 |
| | 11 | 04 52 | 18 55 | 04 47 | 19 00 | 04 42 | 19 05 | 04 37 | 19 10 | 04 31 | 19 16 | 04 25 | 19 22 |
| | 16 | 04 54 | 18 58 | 04 49 | 19 03 | 04 43 | 19 08 | 04 38 | 19 14 | 04 32 | 19 20 | 04 26 | 19 26 |
| | 21 | 04 56 | 19 01 | 04 51 | 19 06 | 04 45 | 19 11 | 04 40 | 19 17 | 04 34 | 19 23 | 04 28 | 19 29 |
| | 26 | 04 59 | 19 03 | 04 54 | 19 08 | 04 48 | 19 13 | 04 43 | 19 19 | 04 37 | 19 25 | 04 31 | 19 31 |
| | 31 | 05 02 | 19 04 | 04 57 | 19 09 | 04 52 | 19 15 | 04 46 | 19 20 | 04 40 | 19 26 | 04 34 | 19 32 |
| Jan. | 1 | 05 02 | 19 05 | 04 58 | 19 10 | 04 52 | 19 15 | 04 47 | 19 20 | 04 41 | 19 26 | 04 35 | 19 32 |

Local mean time. To obtain standard time of rise or set, see table 5.

| Date | | 42° S. | | 44° S. | | 46° S. | | 48° S. | | 50° S. | | 52° S. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. | 1 | 04 28 | 19 39 | 04 21 | 19 46 | 04 13 | 19 54 | 04 04 | 20 02 | 03 55 | 20 12 | 03 44 | 20 22 |
| | 6 | 04 32 | 19 39 | 04 25 | 19 46 | 04 18 | 19 53 | 04 09 | 20 01 | 04 00 | 20 11 | 03 50 | 20 21 |
| | 11 | 04 37 | 19 38 | 04 31 | 19 44 | 04 23 | 19 51 | 04 15 | 19 59 | 04 07 | 20 08 | 03 57 | 20 18 |
| | 16 | 04 43 | 19 35 | 04 37 | 19 42 | 04 30 | 19 49 | 04 22 | 19 56 | 04 14 | 20 05 | 04 05 | 20 14 |
| | 21 | 04 49 | 19 32 | 04 43 | 19 38 | 04 37 | 19 45 | 04 30 | 19 52 | 04 22 | 20 00 | 04 13 | 20 08 |
| | 26 | 04 56 | 19 29 | 04 50 | 19 34 | 04 44 | 19 40 | 04 37 | 19 47 | 04 30 | 19 54 | 04 22 | 20 02 |
| | 31 | 05 02 | 19 24 | 04 57 | 19 29 | 04 51 | 19 34 | 04 45 | 19 40 | 04 39 | 19 47 | 04 31 | 19 54 |
| Feb. | 5 | 05 09 | 19 18 | 05 04 | 19 23 | 04 59 | 19 28 | 04 54 | 19 33 | 04 48 | 19 39 | 04 41 | 19 46 |
| | 10 | 05 15 | 19 12 | 05 11 | 19 16 | 05 07 | 19 21 | 05 02 | 19 26 | 04 56 | 19 31 | 04 51 | 19 37 |
| | 15 | 05 22 | 19 06 | 05 18 | 19 09 | 05 14 | 19 13 | 05 10 | 19 17 | 05 05 | 19 22 | 05 00 | 19 27 |
| | 20 | 05 28 | 18 58 | 05 25 | 19 02 | 05 22 | 19 05 | 05 18 | 19 09 | 05 14 | 19 12 | 05 10 | 19 17 |
| | 25 | 05 35 | 18 51 | 05 32 | 18 53 | 05 29 | 18 56 | 05 26 | 18 59 | 05 23 | 19 03 | 05 19 | 19 06 |
| Mar. | 1 | 05 41 | 18 43 | 05 39 | 18 45 | 05 36 | 18 47 | 05 34 | 18 50 | 05 31 | 18 52 | 05 28 | 18 55 |
| | 6 | 05 47 | 18 35 | 05 45 | 18 36 | 05 43 | 18 38 | 05 42 | 18 40 | 05 40 | 18 42 | 05 37 | 18 44 |
| | 11 | 05 53 | 18 26 | 05 52 | 18 27 | 05 50 | 18 29 | 05 49 | 18 30 | 05 48 | 18 31 | 05 46 | 18 32 |
| | 16 | 05 58 | 18 18 | 05 58 | 18 18 | 05 57 | 18 19 | 05 57 | 18 20 | 05 56 | 18 20 | 05 55 | 18 21 |
| | 21 | 06 04 | 18 09 | 06 04 | 18 09 | 06 04 | 18 09 | 06 04 | 18 09 | 06 04 | 18 09 | 06 04 | 18 09 |
| | 26 | 06 10 | 18 01 | 06 10 | 18 00 | 06 11 | 18 00 | 06 11 | 17 59 | 06 12 | 17 58 | 06 12 | 17 58 |
| | 31 | 06 15 | 17 52 | 06 16 | 17 51 | 06 17 | 17 50 | 06 18 | 17 49 | 06 20 | 17 48 | 06 21 | 17 46 |
| Apr. | 5 | 06 21 | 17 44 | 06 22 | 17 42 | 06 24 | 17 41 | 06 26 | 17 39 | 06 27 | 17 37 | 06 29 | 17 35 |
| | 10 | 06 26 | 17 36 | 06 28 | 17 34 | 06 30 | 17 31 | 06 33 | 17 29 | 06 35 | 17 27 | 06 38 | 17 24 |
| | 15 | 06 32 | 17 28 | 06 34 | 17 25 | 06 37 | 17 22 | 06 40 | 17 19 | 06 43 | 17 16 | 06 46 | 17 13 |
| | 20 | 06 37 | 17 20 | 06 40 | 17 17 | 06 43 | 17 14 | 06 47 | 17 10 | 06 50 | 17 06 | 06 55 | 17 02 |
| | 25 | 06 43 | 17 13 | 06 46 | 17 09 | 06 50 | 17 05 | 06 54 | 17 01 | 06 58 | 16 57 | 07 03 | 16 52 |
| | 30 | 06 48 | 17 06 | 06 52 | 17 02 | 06 56 | 16 58 | 07 01 | 16 53 | 07 06 | 16 48 | 07 11 | 16 43 |
| May | 5 | 06 53 | 17 00 | 06 58 | 16 55 | 07 02 | 16 50 | 07 07 | 16 45 | 07 13 | 16 40 | 07 19 | 16 34 |
| | 10 | 06 58 | 16 54 | 07 03 | 16 49 | 07 09 | 16 44 | 07 14 | 16 38 | 07 20 | 16 32 | 07 27 | 16 25 |
| | 15 | 07 04 | 16 49 | 07 09 | 16 44 | 07 14 | 16 38 | 07 21 | 16 32 | 07 27 | 16 25 | 07 35 | 16 18 |
| | 20 | 07 08 | 16 44 | 07 14 | 16 39 | 07 20 | 16 33 | 07 27 | 16 26 | 07 34 | 16 19 | 07 42 | 16 11 |
| | 25 | 07 13 | 16 41 | 07 19 | 16 35 | 07 25 | 16 28 | 07 32 | 16 21 | 07 40 | 16 14 | 07 48 | 16 05 |
| | 30 | 07 17 | 16 38 | 07 23 | 16 32 | 07 30 | 16 25 | 07 37 | 16 17 | 07 45 | 16 09 | 07 54 | 16 00 |
| June | 4 | 07 21 | 16 36 | 07 27 | 16 29 | 07 34 | 16 22 | 07 42 | 16 15 | 07 50 | 16 06 | 08 00 | 15 57 |
| | 9 | 07 24 | 16 35 | 07 30 | 16 28 | 07 38 | 16 21 | 07 46 | 16 13 | 07 54 | 16 04 | 08 04 | 15 55 |
| | 14 | 07 26 | 16 34 | 07 33 | 16 28 | 07 40 | 16 20 | 07 48 | 16 12 | 07 57 | 16 03 | 08 07 | 15 54 |
| | 19 | 07 28 | 16 35 | 07 35 | 16 28 | 07 42 | 16 21 | 07 50 | 16 12 | 07 59 | 16 04 | 08 09 | 15 54 |
| | 24 | 07 29 | 16 36 | 07 36 | 16 29 | 07 43 | 16 22 | 07 51 | 16 14 | 08 00 | 16 05 | 08 10 | 15 55 |
| | 29 | 07 29 | 16 38 | 07 36 | 16 31 | 07 43 | 16 24 | 07 51 | 16 16 | 08 00 | 16 07 | 08 10 | 15 58 |
| July | 4 | 07 28 | 16 41 | 07 35 | 16 34 | 07 42 | 16 27 | 07 50 | 16 19 | 07 59 | 16 11 | 08 08 | 16 01 |
| | 9 | 07 27 | 16 44 | 07 33 | 16 38 | 07 40 | 16 31 | 07 48 | 16 23 | 07 56 | 16 15 | 08 05 | 16 06 |
| | 14 | 07 24 | 16 48 | 07 31 | 16 42 | 07 37 | 16 35 | 07 44 | 16 28 | 07 52 | 16 20 | 08 01 | 16 11 |
| | 19 | 07 21 | 16 52 | 07 27 | 16 46 | 07 33 | 16 40 | 07 40 | 16 33 | 07 48 | 16 25 | 07 56 | 16 17 |
| | 24 | 07 17 | 16 56 | 07 23 | 16 51 | 07 28 | 16 45 | 07 35 | 16 39 | 07 42 | 16 32 | 07 50 | 16 24 |
| | 29 | 07 12 | 17 01 | 07 17 | 16 56 | 07 23 | 16 50 | 07 29 | 16 45 | 07 35 | 16 38 | 07 42 | 16 31 |
| Aug. | 3 | 07 07 | 17 06 | 07 12 | 17 01 | 07 17 | 16 56 | 07 22 | 16 51 | 07 28 | 16 45 | 07 34 | 16 38 |
| | 8 | 07 01 | 17 11 | 07 05 | 17 07 | 07 10 | 17 02 | 07 15 | 16 57 | 07 20 | 16 52 | 07 26 | 16 46 |
| | 13 | 06 54 | 17 16 | 06 58 | 17 12 | 07 02 | 17 08 | 07 06 | 17 04 | 07 11 | 16 59 | 07 16 | 16 54 |
| | 18 | 06 47 | 17 21 | 06 50 | 17 18 | 06 54 | 17 14 | 06 58 | 17 10 | 07 02 | 17 06 | 07 07 | 17 02 |
| | 23 | 06 39 | 17 26 | 06 42 | 17 23 | 06 45 | 17 20 | 06 49 | 17 17 | 06 52 | 17 14 | 06 56 | 17 10 |
| | 28 | 06 31 | 17 31 | 06 34 | 17 29 | 06 36 | 17 26 | 06 39 | 17 24 | 06 42 | 17 21 | 06 45 | 17 18 |
| Sept. | 2 | 06 23 | 17 36 | 06 25 | 17 35 | 06 27 | 17 33 | 06 29 | 17 30 | 06 32 | 17 28 | 06 34 | 17 26 |
| | 7 | 06 15 | 17 42 | 06 16 | 17 40 | 06 18 | 17 39 | 06 19 | 17 37 | 06 21 | 17 36 | 06 23 | 17 34 |
| | 12 | 06 06 | 17 47 | 06 07 | 17 46 | 06 08 | 17 45 | 06 09 | 17 44 | 06 10 | 17 43 | 06 11 | 17 42 |
| | 17 | 05 58 | 17 52 | 05 58 | 17 51 | 05 58 | 17 51 | 05 59 | 17 51 | 05 59 | 17 50 | 06 00 | 17 50 |
| | 22 | 05 49 | 17 57 | 05 49 | 17 57 | 05 49 | 17 57 | 05 48 | 17 58 | 05 48 | 17 58 | 05 48 | 17 58 |
| | 27 | 05 40 | 18 02 | 05 39 | 18 03 | 05 39 | 18 04 | 05 38 | 18 05 | 05 37 | 18 05 | 05 36 | 18 06 |
| Oct. | 2 | 05 31 | 18 08 | 05 30 | 18 09 | 05 29 | 18 10 | 05 28 | 18 12 | 05 26 | 18 13 | 05 25 | 18 15 |
| | 7 | 05 23 | 18 13 | 05 21 | 18 15 | 05 19 | 18 17 | 05 18 | 18 19 | 05 15 | 18 21 | 05 13 | 18 23 |
| | 12 | 05 15 | 18 19 | 05 12 | 18 21 | 05 10 | 18 24 | 05 08 | 18 26 | 05 05 | 18 29 | 05 02 | 18 32 |
| | 17 | 05 06 | 18 25 | 05 04 | 18 28 | 05 01 | 18 30 | 04 58 | 18 34 | 04 55 | 18 37 | 04 51 | 18 41 |
| | 22 | 04 59 | 18 31 | 04 56 | 18 34 | 04 52 | 18 37 | 04 49 | 18 41 | 04 45 | 18 45 | 04 40 | 18 50 |
| | 27 | 04 52 | 18 37 | 04 48 | 18 41 | 04 44 | 18 45 | 04 40 | 18 49 | 04 35 | 18 54 | 04 30 | 18 59 |
| Nov. | 1 | 04 45 | 18 43 | 04 41 | 18 47 | 04 36 | 18 52 | 04 31 | 18 57 | 04 26 | 19 02 | 04 20 | 19 08 |
| | 6 | 04 39 | 18 49 | 04 34 | 18 54 | 04 29 | 18 59 | 04 23 | 19 05 | 04 17 | 19 11 | 04 11 | 19 17 |
| | 11 | 04 33 | 18 56 | 04 28 | 19 01 | 04 22 | 19 07 | 04 16 | 19 13 | 04 10 | 19 19 | 04 03 | 19 27 |
| | 16 | 04 28 | 19 02 | 04 23 | 19 08 | 04 17 | 19 14 | 04 10 | 19 20 | 04 03 | 19 28 | 03 55 | 19 36 |
| | 21 | 04 24 | 19 08 | 04 18 | 19 14 | 04 12 | 19 21 | 04 05 | 19 28 | 03 57 | 19 36 | 03 48 | 19 44 |
| | 26 | 04 21 | 19 14 | 04 15 | 19 20 | 04 08 | 19 27 | 04 00 | 19 35 | 03 52 | 19 43 | 03 43 | 19 53 |
| Dec. | 1 | 04 19 | 19 20 | 04 12 | 19 26 | 04 05 | 19 34 | 03 57 | 19 42 | 03 48 | 19 51 | 03 39 | 20 00 |
| | 6 | 04 18 | 19 25 | 04 11 | 19 32 | 04 03 | 19 39 | 03 55 | 19 48 | 03 46 | 19 57 | 03 36 | 20 07 |
| | 11 | 04 18 | 19 29 | 04 11 | 19 36 | 04 03 | 19 44 | 03 54 | 19 53 | 03 45 | 20 02 | 03 34 | 20 13 |
| | 16 | 04 19 | 19 33 | 04 12 | 19 40 | 04 04 | 19 48 | 03 55 | 19 57 | 03 45 | 20 07 | 03 34 | 20 17 |
| | 21 | 04 21 | 19 36 | 04 13 | 19 43 | 04 05 | 19 51 | 03 57 | 20 00 | 03 47 | 20 10 | 03 36 | 20 20 |
| | 26 | 04 24 | 19 38 | 04 16 | 19 45 | 04 08 | 19 53 | 04 00 | 20 02 | 03 50 | 20 11 | 03 39 | 20 22 |
| | 31 | 04 28 | 19 39 | 04 20 | 19 46 | 04 12 | 19 54 | 04 04 | 20 02 | 03 54 | 20 12 | 03 44 | 20 22 |
| Jan. | 1 | 04 28 | 19 39 | 04 21 | 19 46 | 04 13 | 19 54 | 04 05 | 20 02 | 03 55 | 20 12 | 03 45 | 20 22 |

Local mean time. To obtain standard time of rise or set, see table 5.

| Date | 54° S. | | 56° S. | | 58° S. | | 60° S. | |
|---|---|---|---|---|---|---|---|---|
| | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. | h. m. |
| Jan. 1 | 03 32 | 20 34 | 03 18 | 20 48 | 03 02 | 21 04 | 02 42 | 21 24 |
| 6 | 03 38 | 20 32 | 03 25 | 20 46 | 03 09 | 21 01 | 02 50 | 21 20 |
| 11 | 03 46 | 20 29 | 03 33 | 20 41 | 03 18 | 20 56 | 03 01 | 21 13 |
| 16 | 03 54 | 20 24 | 03 42 | 20 36 | 03 29 | 20 49 | 03 12 | 21 05 |
| 21 | 04 03 | 20 18 | 03 52 | 20 29 | 03 40 | 20 41 | 03 25 | 20 56 |
| 26 | 04 13 | 20 10 | 04 03 | 20 20 | 03 52 | 20 32 | 03 38 | 20 45 |
| 31 | 04 23 | 20 02 | 04 14 | 20 11 | 04 04 | 20 21 | 03 52 | 20 33 |
| Feb. 5 | 04 34 | 19 53 | 04 26 | 20 01 | 04 16 | 20 10 | 04 06 | 20 20 |
| 10 | 04 44 | 19 43 | 04 37 | 19 50 | 04 29 | 19 58 | 04 19 | 20 07 |
| 15 | 04 55 | 19 32 | 04 48 | 19 39 | 04 41 | 19 46 | 04 33 | 19 53 |
| 20 | 05 05 | 19 21 | 05 00 | 19 27 | 04 54 | 19 33 | 04 47 | 19 39 |
| 25 | 05 15 | 19 10 | 05 11 | 19 14 | 05 06 | 19 19 | 05 00 | 19 25 |
| Mar. 1 | 05 25 | 18 58 | 05 22 | 19 02 | 05 18 | 19 06 | 05 13 | 19 10 |
| 6 | 05 35 | 18 46 | 05 32 | 18 49 | 05 29 | 18 52 | 05 26 | 18 55 |
| 11 | 05 45 | 18 34 | 05 43 | 18 36 | 05 41 | 18 38 | 05 39 | 18 40 |
| 16 | 05 54 | 18 22 | 05 53 | 18 23 | 05 52 | 18 24 | 05 51 | 18 25 |
| 21 | 06 04 | 18 09 | 06 04 | 18 09 | 06 03 | 18 09 | 06 03 | 18 10 |
| 26 | 06 13 | 17 57 | 06 14 | 17 56 | 06 15 | 17 55 | 06 15 | 17 54 |
| 31 | 06 22 | 17 45 | 06 24 | 17 43 | 06 26 | 17 41 | 06 27 | 17 39 |
| Apr. 5 | 06 32 | 17 33 | 06 34 | 17 30 | 06 37 | 17 27 | 06 40 | 17 24 |
| 10 | 06 41 | 17 21 | 06 44 | 17 17 | 06 48 | 17 14 | 06 52 | 17 10 |
| 15 | 06 50 | 17 09 | 06 54 | 17 05 | 06 58 | 17 00 | 07 04 | 16 55 |
| 20 | 06 59 | 16 58 | 07 04 | 16 53 | 07 09 | 16 47 | 07 16 | 16 41 |
| 25 | 07 08 | 16 47 | 07 14 | 16 41 | 07 20 | 16 35 | 07 28 | 16 27 |
| 30 | 07 17 | 16 37 | 07 24 | 16 30 | 07 31 | 16 22 | 07 39 | 16 14 |
| May 5 | 07 26 | 16 27 | 07 33 | 16 19 | 07 42 | 16 11 | 07 51 | 16 01 |
| 10 | 07 34 | 16 18 | 07 43 | 16 09 | 07 52 | 16 00 | 08 03 | 15 49 |
| 15 | 07 43 | 16 09 | 07 52 | 16 00 | 08 02 | 15 50 | 08 14 | 15 38 |
| 20 | 07 50 | 16 02 | 08 00 | 15 52 | 08 12 | 15 41 | 08 25 | 15 28 |
| 25 | 07 58 | 15 56 | 08 08 | 15 45 | 08 21 | 15 33 | 08 35 | 15 19 |
| 30 | 08 04 | 15 51 | 08 16 | 15 39 | 08 29 | 15 26 | 08 44 | 15 11 |
| June 4 | 08 10 | 15 47 | 08 22 | 15 35 | 08 35 | 15 21 | 08 52 | 15 05 |
| 9 | 08 15 | 15 44 | 08 27 | 15 32 | 08 41 | 15 17 | 08 58 | 15 00 |
| 14 | 08 18 | 15 42 | 08 31 | 15 30 | 08 45 | 15 15 | 09 03 | 14 58 |
| 19 | 08 20 | 15 43 | 08 33 | 15 30 | 08 48 | 15 15 | 09 05 | 14 57 |
| 24 | 08 21 | 15 44 | 08 34 | 15 31 | 08 49 | 15 17 | 09 06 | 14 59 |
| 29 | 08 21 | 15 47 | 08 33 | 15 34 | 08 48 | 15 20 | 09 05 | 15 02 |
| July 4 | 08 19 | 15 50 | 08 31 | 15 38 | 08 45 | 15 24 | 09 01 | 15 08 |
| 9 | 08 15 | 15 55 | 08 27 | 15 44 | 08 40 | 15 30 | 08 56 | 15 15 |
| 14 | 08 11 | 16 01 | 08 22 | 15 50 | 08 35 | 15 38 | 08 49 | 15 23 |
| 19 | 08 05 | 16 08 | 08 15 | 15 58 | 08 27 | 15 46 | 08 41 | 15 32 |
| 24 | 07 58 | 16 15 | 08 08 | 16 06 | 08 19 | 15 55 | 08 32 | 15 42 |
| 29 | 07 50 | 16 23 | 07 59 | 16 14 | 08 09 | 16 04 | 08 21 | 15 53 |
| Aug. 3 | 07 42 | 16 31 | 07 50 | 16 23 | 07 59 | 16 14 | 08 09 | 16 04 |
| 8 | 07 32 | 16 40 | 07 39 | 16 32 | 07 48 | 16 24 | 07 57 | 16 15 |
| 13 | 07 22 | 16 48 | 07 29 | 16 42 | 07 36 | 16 35 | 07 44 | 16 27 |
| 18 | 07 12 | 16 57 | 07 17 | 16 51 | 07 23 | 16 45 | 07 30 | 16 38 |
| 23 | 07 00 | 17 05 | 07 05 | 17 01 | 07 10 | 16 56 | 07 16 | 16 50 |
| 28 | 06 49 | 17 14 | 06 53 | 17 10 | 06 57 | 17 06 | 07 02 | 17 01 |
| Sept. 2 | 06 37 | 17 23 | 06 40 | 17 20 | 06 44 | 17 17 | 06 47 | 17 13 |
| 7 | 06 25 | 17 32 | 06 27 | 17 30 | 06 30 | 17 27 | 06 32 | 17 24 |
| 12 | 06 13 | 17 41 | 06 14 | 17 39 | 06 16 | 17 38 | 06 17 | 17 36 |
| 17 | 06 00 | 17 49 | 06 01 | 17 49 | 06 02 | 17 48 | 06 02 | 17 48 |
| 22 | 05 48 | 17 58 | 05 48 | 17 59 | 05 47 | 17 59 | 05 47 | 17 59 |
| 27 | 05 35 | 18 07 | 05 34 | 18 08 | 05 33 | 18 10 | 05 32 | 18 11 |
| Oct. 2 | 05 23 | 18 17 | 05 21 | 18 18 | 05 19 | 18 21 | 05 17 | 18 23 |
| 7 | 05 11 | 18 26 | 05 08 | 18 29 | 05 05 | 18 32 | 05 02 | 18 35 |
| 12 | 04 59 | 18 35 | 04 55 | 18 39 | 04 51 | 18 43 | 04 47 | 18 48 |
| 17 | 04 47 | 18 45 | 04 42 | 18 49 | 04 37 | 18 55 | 04 32 | 19 00 |
| 22 | 04 35 | 18 55 | 04 30 | 19 00 | 04 24 | 19 06 | 04 17 | 19 13 |
| 27 | 04 24 | 19 05 | 04 18 | 19 11 | 04 11 | 19 18 | 04 03 | 19 26 |
| Nov. 1 | 04 14 | 19 15 | 04 06 | 19 22 | 03 58 | 19 30 | 03 49 | 19 40 |
| 6 | 04 04 | 19 25 | 03 56 | 19 33 | 03 46 | 19 43 | 03 36 | 19 53 |
| 11 | 03 54 | 19 35 | 03 45 | 19 44 | 03 35 | 19 55 | 03 23 | 20 07 |
| 16 | 03 46 | 19 45 | 03 36 | 19 55 | 03 25 | 20 07 | 03 11 | 20 20 |
| 21 | 03 39 | 19 54 | 03 28 | 20 05 | 03 15 | 20 18 | 03 01 | 20 33 |
| 26 | 03 33 | 20 03 | 03 21 | 20 15 | 03 07 | 20 29 | 02 51 | 20 45 |
| Dec. 1 | 03 28 | 20 12 | 03 15 | 20 24 | 03 00 | 20 39 | 02 43 | 20 57 |
| 6 | 03 24 | 20 19 | 03 11 | 20 32 | 02 55 | 20 48 | 02 37 | 21 07 |
| 11 | 03 22 | 20 25 | 03 09 | 20 39 | 02 52 | 20 55 | 02 33 | 21 15 |
| 16 | 03 22 | 20 30 | 03 08 | 20 44 | 02 51 | 21 01 | 02 31 | 21 21 |
| 21 | 03 24 | 20 33 | 03 09 | 20 47 | 02 53 | 21 04 | 02 32 | 21 24 |
| 26 | 03 27 | 20 34 | 03 13 | 20 48 | 02 56 | 21 05 | 02 36 | 21 25 |
| 31 | 03 32 | 20 34 | 03 18 | 20 48 | 03 02 | 21 04 | 02 42 | 21 24 |
| Jan. 1 | 03 33 | 20 34 | 03 19 | 20 48 | 03 03 | 21 04 | 02 43 | 21 23 |

Local mean time. To obtain standard time of rise or set, see table 5.

# TABLE 5. —REDUCTION OF LOCAL MEAN TIME TO STANDARD TIME

| Difference of longitude between local and standard meridian | Correction to local mean time to obtain standard time | Difference of longitude between local and standard meridian | Correction to local mean time to obtain standard time | Difference of longitude between local and standard meridian | Correction to local mean time to obtain standard time |
|---|---|---|---|---|---|
| ° ′ ° ′ | Minutes | ° ′ ° ′ | Minutes | ° | Hours |
| 0 00 to 0 07 | 0 | 7 23 to 7 37 | 30 | 15 | 1 |
| 0 08 to 0 22 | 1 | 7 38 to 7 52 | 31 | 30 | 2 |
| 0 23 to 0 37 | 2 | 7 53 to 8 07 | 32 | 45 | 3 |
| 0 38 to 0 52 | 3 | 8 08 to 8 22 | 33 | 60 | 4 |
| 0 53 to 1 07 | 4 | 8 23 to 8 37 | 34 | 75 | 5 |
| 1 08 to 1 22 | 5 | 8 38 to 8 52 | 35 | 90 | 6 |
| 1 23 to 1 37 | 6 | 8 53 to 9 07 | 36 | 105 | 7 |
| 1 38 to 1 52 | 7 | 9 08 to 9 22 | 37 | 120 | 8 |
| 1 53 to 2 07 | 8 | 9 23 to 9 37 | 38 | 135 | 9 |
| 2 08 to 2 22 | 9 | 9 38 to 9 52 | 39 | 150 | 10 |
| 2 23 to 2 37 | 10 | 9 53 to 10 07 | 40 | 165 | 11 |
| 2 38 to 2 52 | 11 | 10 08 to 10 22 | 4 | 180 | 12 |
| 2 53 to 3 07 | 12 | 10 23 to 10 37 | 42 | | |
| 3 08 to 3 22 | 13 | 10 38 to 10 52 | 43 | | |
| 3 23 to 3 37 | 14 | 10 53 to 11 07 | 44 | | |
| 3 38 to 3 52 | 15 | 11 08 to 11 22 | 45 | | |
| 3 53 to 4 07 | 16 | 11 23 to 11 37 | 46 | | |
| 4 08 to 4 22 | 17 | 11 38 to 11 52 | 47 | | |
| 4 23 to 4 37 | 18 | 11 53 to 12 07 | 48 | | |
| 4 38 to 4 52 | 19 | 12 08 to 12 22 | 49 | | |
| 4 53 to 5 07 | 20 | 12 23 to 12 37 | 50 | | |
| 5 08 to 5 22 | 21 | 12 38 to 12 52 | 51 | | |
| 5 23 to 5 37 | 22 | 12 53 to 13 07 | 52 | | |
| 5 38 to 5 52 | 23 | 13 08 to 13 22 | 53 | | |
| 5 53 to 6 07 | 24 | 13 23 to 13 37 | 54 | | |
| 6 08 to 6 22 | 25 | 13 38 to 13 52 | 55 | | |
| 6 23 to 6 37 | 26 | 13 53 to 14 07 | 56 | | |
| 6 38 to 6 52 | 27 | 14 08 to 14 22 | 57 | | |
| 6 53 to 7 07 | 28 | 14 23 to 14 37 | 58 | | |
| 7 08 to 7 22 | 29 | 14 38 to 14 52 | 59 | | |

If local meridian is east of standard meridian, subtract the correction from local time.

If local meridian is west of standard meridian, add the correction to local time.

For differences of longitude less than 15°, use the first part of the table. For greater differences use both parts thus: 47° 23′ is equivalent to 45°+ 2° 23′, the correction for 45° is 3 hours, the correction for 2° 23′ is 10 minutes; therefore the total correction for the difference in longitude 47° 23′ is 3 hours and 10 minutes.

# TABLE 6.—MOONRISE AND MOONSET

## EXPLANATION OF TABLE

This table gives the time of rising and setting of the Moon's upper limb for every day in the year, at each of the following places:

| | | |
|---|---|---|
| Boston, Massachusetts | New York, New York | Baltimore, Maryland |
| Washington, D.C. | Charleston, South Carolina | Savannah, Georgia |
| Galveston, Texas | Panama Canal | |

All of Table 6 was supplied by the Nautical Almanac Office of the United States Naval Observatory. Since Baltimore, Md., and Washington, D.C., are comparatively near to each other, a single table was compiled for a point midway between the two cities. The difference in time of moonrise and moonset at the point selected and at either city may vary between 0 and 2 minutes. In a similar way, a single table was made for Charleston, S.C., and Savannah, Ga.; and the difference in time of the moonrise or moonset at the point selected and at either city may vary between 0 and 4 minutes, which differences are of no practical importance in this table. For the Panama Canal the times were computed for a point about midway between the two ends and are applicable to the entire canal and are accurate to within a minute or two.

Boston, Massachusetts

| Day | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0056 | 1137 | 0256 | 1135 | 0238 | 1103 | 0310 | 1308 | 0223 | 1421 | 0202 | 1706 | 1 |
| 2 | 0159 | 1200 | 0355 | 1221 | 0327 | 1202 | 0336 | 1419 | 0245 | 1535 | 0239 | 1828 | 2 |
| 3 | 0302 | 1227 | 0448 | 1316 | 0408 | 1308 | 0400 | 1531 | 0309 | 1652 | 0326 | 1946 | 3 |
| 4 | 0406 | 1300 | 0534 | 1419 | 0442 | 1418 | 0423 | 1645 | 0336 | 1814 | 0425 | 2052 | 4 |
| 5 | 0508 | 1341 | 0613 | 1528 | 0511 | 1530 | 0446 | 1802 | 0409 | 1937 | 0537 | 2144 | 5 |
| 6 | 0605 | 1431 | 0644 | 1639 | 0537 | 1643 | 0511 | 1922 | 0450 | 2058 | 0655 | 2224 | 6 |
| 7 | 0656 | 1529 | 0711 | 1751 | 0600 | 1756 | 0540 | 2044 | 0543 | 2210 | 0813 | 2255 | 7 |
| 8 | 0738 | 1635 | 0735 | 1903 | 0622 | 1911 | 0616 | 2205 | 0647 | 2308 | 0928 | 2321 | 8 |
| 9 | 0814 | 1744 | 0757 | 2015 | 0645 | 2027 | 0700 | 2321 | 0801 | 2353 | 1039 | 2343 | 9 |
| 10 | 0843 | 1854 | 0819 | 2128 | 0711 | 2146 | 0757 | .... | 0917 | .... | 1146 | .... | 10 |
| 11 | 0908 | 2004 | 0842 | 2243 | 0741 | 2306 | 0903 | 0025 | 1031 | 0027 | 1250 | 0003 | 11 |
| 12 | 0930 | 2115 | 0908 | .... | 0819 | .... | 1016 | 0116 | 1142 | 0055 | 1354 | 0023 | 12 |
| 13 | 0952 | 2225 | 0940 | 0000 | 0906 | 0023 | 1129 | 0155 | 1250 | 0118 | 1457 | 0044 | 13 |
| 14 | 1014 | 2338 | 1019 | 0118 | 1004 | 0133 | 1241 | 0226 | 1355 | 0139 | 1601 | 0107 | 14 |
| 15 | 1037 | .... | 1109 | 0232 | 1112 | 0231 | 1350 | 0251 | 1458 | 0158 | 1704 | 0134 | 15 |
| 16 | 1105 | 0053 | 1211 | 0339 | 1225 | 0317 | 1457 | 0313 | 1601 | 0218 | 1806 | 0206 | 16 |
| 17 | 1139 | 0211 | 1321 | 0434 | 1338 | 0353 | 1601 | 0333 | 1705 | 0239 | 1902 | 0245 | 17 |
| 18 | 1222 | 0329 | 1437 | 0518 | 1450 | 0422 | 1705 | 0352 | 1809 | 0303 | 1953 | 0333 | 18 |
| 19 | 1318 | 0444 | 1552 | 0552 | 1559 | 0446 | 1809 | 0413 | 1912 | 0332 | 2036 | 0428 | 19 |
| 20 | 1425 | 0548 | 1704 | 0619 | 1706 | 0508 | 1913 | 0435 | 2012 | 0406 | 2111 | 0529 | 20 |
| 21 | 1540 | 0640 | 1813 | 0642 | 1811 | 0527 | 2017 | 0500 | 2107 | 0447 | 2141 | 0633 | 21 |
| 22 | 1658 | 0721 | 1920 | 0703 | 1915 | 0547 | 2120 | 0530 | 2155 | 0537 | 2206 | 0740 | 22 |
| 23 | 1813 | 0753 | 2025 | 0723 | 2020 | 0608 | 2219 | 0606 | 2236 | 0633 | 2229 | 0846 | 23 |
| 24 | 1924 | 0818 | 2130 | 0743 | 2124 | 0630 | 2312 | 0649 | 2309 | 0736 | 2250 | 0953 | 24 |
| 25 | 2032 | 0840 | 2234 | 0804 | 2228 | 0657 | 2358 | 0741 | 2338 | 0841 | 2311 | 1101 | 25 |
| 26 | 2138 | 0900 | 2338 | 0828 | 2330 | 0729 | .... | 0840 | .... | 0948 | 2334 | 1211 | 26 |
| 27 | 2242 | 0920 | .... | 0856 | .... | 0807 | 0037 | 0944 | 0002 | 1055 | .... | 1324 | 27 |
| 28 | 2345 | 0940 | 0042 | 0930 | 0028 | 0854 | 0109 | 1051 | 0025 | 1203 | 0000 | 1441 | 28 |
| 29 | .... | 1002 | 0143 | 1012 | 0119 | 0949 | 0136 | 1159 | 0046 | 1313 | 0032 | 1601 | 29 |
| 30 | 0049 | 1027 | .... | .... | 0203 | 1051 | 0200 | 1309 | 0109 | 1427 | 0113 | 1720 | 30 |
| 31 | 0153 | 1057 | .... | .... | 0239 | 1158 | .... | .... | 0133 | 1544 | .... | .... | 31 |

| Day | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0205 | 1831 | 0439 | 1919 | 0708 | 1853 | 0812 | 1806 | 1006 | 1840 | 1011 | 1929 | 1 |
| 2 | 0311 | 1930 | 0556 | 1945 | 0815 | 1915 | 0918 | 1837 | 1055 | 1935 | 1041 | 2032 | 2 |
| 3 | 0427 | 2017 | 0709 | 2008 | 0922 | 1938 | 1022 | 1913 | 1137 | 2035 | 1107 | 2137 | 3 |
| 4 | 0547 | 2052 | 0819 | 2029 | 1028 | 2006 | 1121 | 1956 | 1211 | 2138 | 1130 | 2241 | 4 |
| 5 | 0705 | 2121 | 0927 | 2050 | 1133 | 2038 | 1215 | 2047 | 1240 | 2243 | 1151 | 2346 | 5 |
| 6 | 0820 | 2145 | 1033 | 2112 | 1235 | 2116 | 1301 | 2144 | 1305 | 2349 | 1213 | .... | 6 |
| 7 | 0930 | 2206 | 1139 | 2137 | 1333 | 2203 | 1340 | 2247 | 1328 | .... | 1235 | 0054 | 7 |
| 8 | 1038 | 2227 | 1243 | 2206 | 1424 | 2257 | 1413 | 2352 | 1350 | 0055 | 1300 | 0205 | 8 |
| 9 | 1143 | 2247 | 1347 | 2240 | 1507 | 2357 | 1440 | .... | 1412 | 0204 | 1330 | 0320 | 9 |
| 10 | 1247 | 2310 | 1447 | 2322 | 1544 | .... | 1505 | 0059 | 1436 | 0315 | 1408 | 0439 | 10 |
| 11 | 1352 | 2336 | 1542 | .... | 1614 | 0102 | 1527 | 0207 | 1504 | 0431 | 1457 | 0559 | 11 |
| 12 | 1455 | .... | 1631 | 0011 | 1641 | 0209 | 1550 | 0316 | 1538 | 0550 | 1559 | 0714 | 12 |
| 13 | 1558 | 0006 | 1711 | 0108 | 1704 | 0318 | 1613 | 0427 | 1622 | 0711 | 1713 | 0819 | 13 |
| 14 | 1656 | 0043 | 1745 | 0212 | 1726 | 0427 | 1638 | 0542 | 1717 | 0830 | 1833 | 0910 | 14 |
| 15 | 1749 | 0127 | 1814 | 0318 | 1748 | 0537 | 1709 | 0659 | 1824 | 0939 | 1954 | 0950 | 15 |
| 16 | 1835 | 0220 | 1839 | 0426 | 1812 | 0649 | 1746 | 0819 | 1939 | 1035 | 2110 | 1021 | 16 |
| 17 | 1913 | 0320 | 1901 | 0535 | 1838 | 0804 | 1833 | 0938 | 2057 | 1119 | 2222 | 1047 | 17 |
| 18 | 1944 | 0424 | 1923 | 0643 | 1910 | 0920 | 1931 | 1051 | 2213 | 1153 | 2331 | 1110 | 18 |
| 19 | 2011 | 0531 | 1944 | 0753 | 1949 | 1038 | 2040 | 1152 | 2325 | 1221 | .... | 1131 | 19 |
| 20 | 2034 | 0638 | 2008 | 0904 | 2038 | 1153 | 2154 | 1242 | .... | 1244 | 0038 | 1153 | 20 |
| 21 | 2056 | 0746 | 2035 | 1017 | 2139 | 1301 | 2309 | 1321 | 0034 | 1306 | 0143 | 1216 | 21 |
| 22 | 2117 | 0853 | 2108 | 1133 | 2248 | 1358 | .... | 1351 | 0140 | 1327 | 0248 | 1242 | 22 |
| 23 | 2139 | 1002 | 2149 | 1249 | .... | 1443 | 0023 | 1417 | 0246 | 1349 | 0353 | 1313 | 23 |
| 24 | 2203 | 1113 | 2242 | 1402 | 0003 | 1519 | 0133 | 1440 | 0351 | 1412 | 0455 | 1349 | 24 |
| 25 | 2232 | 1227 | 2346 | 1507 | 0118 | 1548 | 0241 | 1501 | 0456 | 1439 | 0554 | 1432 | 25 |
| 26 | 2307 | 1344 | .... | 1601 | 0232 | 1613 | 0347 | 1522 | 0600 | 1511 | 0647 | 1523 | 26 |
| 27 | 2353 | 1501 | 0059 | 1644 | 0343 | 1635 | 0453 | 1544 | 0702 | 1550 | 0733 | 1620 | 27 |
| 28 | .... | 1614 | 0216 | 1718 | 0452 | 1656 | 0559 | 1609 | 0800 | 1636 | 0812 | 1721 | 28 |
| 29 | 0051 | 1717 | 0333 | 1746 | 0559 | 1718 | 0705 | 1637 | 0851 | 1728 | 0844 | 1825 | 29 |
| 30 | 0201 | 1808 | 0448 | 1810 | 0706 | 1741 | 0809 | 1711 | 0934 | 1827 | 0911 | 1929 | 30 |
| 31 | 0319 | 1847 | 0559 | 1831 | .... | .... | 0911 | 1752 | .... | .... | 0934 | 2033 | 31 |

Time meridian 75° W. 0000 is midnight. 1200 is noon.

New York, New York

| Day | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0106 | 1152 | 0301 | 1154 | 0243 | 1122 | 0317 | 1324 | 0234 | 1433 | 0219 | 1713 | 1 |
| 2 | 0207 | 1216 | 0400 | 1240 | 0332 | 1221 | 0345 | 1434 | 0258 | 1546 | 0256 | 1834 | 2 |
| 3 | 0309 | 1245 | 0453 | 1335 | 0414 | 1326 | 0410 | 1545 | 0323 | 1702 | 0344 | 1951 | 3 |
| 4 | 0412 | 1319 | 0540 | 1438 | 0449 | 1435 | 0434 | 1658 | 0351 | 1822 | 0445 | 2057 | 4 |
| 5 | 0513 | 1400 | 0619 | 1546 | 0520 | 1546 | 0459 | 1813 | 0426 | 1944 | 0556 | 2150 | 5 |
| 6 | 0610 | 1450 | 0652 | 1655 | 0546 | 1657 | 0525 | 1931 | 0508 | 2104 | 0713 | 2231 | 6 |
| 7 | 0701 | 1549 | 0720 | 1806 | 0611 | 1809 | 0556 | 2052 | 0602 | 2215 | 0830 | 2304 | 7 |
| 8 | 0744 | 1653 | 0745 | 1916 | 0634 | 1922 | 0633 | 2211 | 0707 | 2313 | 0944 | 2331 | 8 |
| 9 | 0821 | 1801 | 0808 | 2027 | 0659 | 2037 | 0719 | 2326 | 0820 | 2359 | 1053 | 2354 | 9 |
| 10 | 0851 | 1910 | 0832 | 2139 | 0726 | 2155 | 0816 | .... | 0935 | .... | 1158 | .... | 10 |
| 11 | 0917 | 2019 | 0856 | 2253 | 0758 | 2313 | 0922 | 0030 | 1048 | 0035 | 1302 | 0015 | 11 |
| 12 | 0941 | 2128 | 0924 | .... | 0837 | .... | 1034 | 0121 | 1157 | 0104 | 1404 | 0037 | 12 |
| 13 | 1004 | 2237 | 0957 | 0008 | 0925 | 0029 | 1147 | 0202 | 1303 | 0128 | 1506 | 0059 | 13 |
| 14 | 1027 | 2348 | 1038 | 0124 | 1024 | 0138 | 1257 | 0234 | 1407 | 0150 | 1609 | 0123 | 14 |
| 15 | 1052 | .... | 1129 | 0238 | 1131 | 0236 | 1405 | 0301 | 1509 | 0211 | 1711 | 0151 | 15 |
| 16 | 1121 | 0102 | 1230 | 0344 | 1243 | 0323 | 1510 | 0324 | 1611 | 0232 | 1811 | 0225 | 16 |
| 17 | 1157 | 0218 | 1341 | 0439 | 1355 | 0401 | 1613 | 0345 | 1713 | 0255 | 1908 | 0305 | 17 |
| 18 | 1241 | 0335 | 1454 | 0524 | 1505 | 0431 | 1716 | 0406 | 1816 | 0320 | 1958 | 0352 | 18 |
| 19 | 1337 | 0449 | 1608 | 0559 | 1613 | 0456 | 1818 | 0427 | 1918 | 0349 | 2041 | 0447 | 19 |
| 20 | 1445 | 0553 | 1719 | 0628 | 1718 | 0519 | 1921 | 0450 | 2017 | 0424 | 2118 | 0547 | 20 |
| 21 | 1559 | 0646 | 1827 | 0653 | 1822 | 0540 | 2024 | 0516 | 2112 | 0507 | 2149 | 0651 | 21 |
| 22 | 1715 | 0728 | 1932 | 0715 | 1925 | 0600 | 2126 | 0548 | 2201 | 0556 | 2215 | 0756 | 22 |
| 23 | 1829 | 0801 | 2036 | 0736 | 2029 | 0622 | 2224 | 0625 | 2242 | 0653 | 2239 | 0902 | 23 |
| 24 | 1939 | 0828 | 2139 | 0757 | 2132 | 0646 | 2317 | 0709 | 2316 | 0754 | 2302 | 1007 | 24 |
| 25 | 2045 | 0851 | 2242 | 0819 | 2235 | 0714 | .... | 0801 | 2346 | 0858 | 2324 | 1114 | 25 |
| 26 | 2149 | 0912 | 2345 | 0844 | 2336 | 0747 | 0003 | 0859 | .... | 1004 | 2348 | 1222 | 26 |
| 27 | 2252 | 0933 | .... | 0914 | .... | 0826 | 0043 | 1002 | 0011 | 1110 | .... | 1334 | 27 |
| 28 | 2354 | 0954 | 0048 | 0949 | 0033 | 0914 | 0116 | 1108 | 0035 | 1217 | 0016 | 1449 | 28 |
| 29 | .... | 1018 | 0148 | 1032 | 0124 | 1008 | 0144 | 1215 | 0058 | 1325 | 0049 | 1608 | 29 |
| 30 | 0057 | 1044 | .... | .... | 0208 | 1110 | 0210 | 1323 | 0122 | 1437 | 0131 | 1726 | 30 |
| 31 | 0159 | 1116 | .... | .... | 0246 | 1216 | .... | .... | 0148 | 1553 | .... | .... | 31 |

| Day | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0224 | 1836 | 0455 | 1928 | 0720 | 1906 | 0820 | 1823 | 1012 | 1859 | 1017 | 1947 | 1 |
| 2 | 0330 | 1936 | 0611 | 1955 | 0826 | 1929 | 0925 | 1854 | 1101 | 1954 | 1049 | 2049 | 2 |
| 3 | 0445 | 2023 | 0723 | 2019 | 0931 | 1954 | 1028 | 1932 | 1142 | 2053 | 1116 | 2152 | 3 |
| 4 | 0604 | 2100 | 0832 | 2042 | 1036 | 2023 | 1127 | 2015 | 1218 | 2155 | 1140 | 2255 | 4 |
| 5 | 0721 | 2130 | 0938 | 2104 | 1140 | 2056 | 1220 | 2106 | 1248 | 2259 | 1202 | 2359 | 5 |
| 6 | 0835 | 2155 | 1043 | 2128 | 1241 | 2135 | 1307 | 2203 | 1314 | .... | 1225 | .... | 6 |
| 7 | 0944 | 2218 | 1147 | 2153 | 1338 | 2222 | 1346 | 2305 | 1338 | 0004 | 1249 | 0106 | 7 |
| 8 | 1050 | 2240 | 1251 | 2223 | 1429 | 2316 | 1420 | .... | 1401 | 0109 | 1315 | 0215 | 8 |
| 9 | 1154 | 2302 | 1353 | 2259 | 1513 | .... | 1449 | 0009 | 1425 | 0216 | 1347 | 0329 | 9 |
| 10 | 1257 | 2326 | 1453 | 2341 | 1550 | 0016 | 1514 | 0115 | 1450 | 0326 | 1426 | 0446 | 10 |
| 11 | 1400 | 2353 | 1547 | .... | 1622 | 0120 | 1538 | 0221 | 1520 | 0440 | 1516 | 0605 | 11 |
| 12 | 1502 | .... | 1636 | 0031 | 1649 | 0226 | 1602 | 0329 | 1555 | 0558 | 1618 | 0720 | 12 |
| 13 | 1604 | 0024 | 1717 | 0128 | 1714 | 0333 | 1626 | 0439 | 1640 | 0718 | 1732 | 0824 | 13 |
| 14 | 1702 | 0102 | 1752 | 0230 | 1738 | 0441 | 1653 | 0552 | 1736 | 0835 | 1851 | 0916 | 14 |
| 15 | 1754 | 0147 | 1822 | 0335 | 1801 | 0550 | 1725 | 0708 | 1843 | 0944 | 2010 | 0957 | 15 |
| 16 | 1840 | 0240 | 1848 | 0442 | 1826 | 0700 | 1804 | 0826 | 1958 | 1041 | 2125 | 1030 | 16 |
| 17 | 1919 | 0339 | 1912 | 0549 | 1854 | 0813 | 1852 | 0944 | 2114 | 1126 | 2236 | 1057 | 17 |
| 18 | 1952 | 0442 | 1934 | 0657 | 1927 | 0928 | 1951 | 1056 | 2229 | 1201 | 2343 | 1122 | 18 |
| 19 | 2019 | 0548 | 1958 | 0805 | 2007 | 1045 | 2059 | 1158 | 2339 | 1230 | .... | 1144 | 19 |
| 20 | 2044 | 0654 | 2023 | 0914 | 2057 | 1159 | 2212 | 1248 | .... | 1255 | 0049 | 1207 | 20 |
| 21 | 2107 | 0800 | 2051 | 1026 | 2158 | 1306 | 2326 | 1328 | 0047 | 1318 | 0153 | 1232 | 21 |
| 22 | 2129 | 0906 | 2125 | 1141 | 2307 | 1403 | .... | 1400 | 0152 | 1340 | 0256 | 1259 | 22 |
| 23 | 2152 | 1014 | 2208 | 1256 | .... | 1450 | 0038 | 1427 | 0256 | 1403 | 0400 | 1330 | 23 |
| 24 | 2218 | 1123 | 2301 | 1408 | 0021 | 1527 | 0147 | 1451 | 0400 | 1428 | 0501 | 1407 | 24 |
| 25 | 2248 | 1236 | .... | 1513 | 0135 | 1557 | 0254 | 1513 | 0503 | 1456 | 0600 | 1451 | 25 |
| 26 | 2325 | 1351 | 0005 | 1607 | 0247 | 1623 | 0359 | 1535 | 0607 | 1529 | 0653 | 1542 | 26 |
| 27 | .... | 1507 | 0118 | 1651 | 0356 | 1646 | 0503 | 1559 | 0708 | 1609 | 0739 | 1639 | 27 |
| 28 | 0012 | 1619 | 0234 | 1726 | 0504 | 1709 | 0608 | 1625 | 0805 | 1655 | 0818 | 1739 | 28 |
| 29 | 0111 | 1722 | 0349 | 1755 | 0610 | 1732 | 0712 | 1655 | 0856 | 1748 | 0851 | 1842 | 29 |
| 30 | 0221 | 1814 | 0502 | 1820 | 0715 | 1756 | 0816 | 1730 | 0940 | 1846 | 0919 | 1945 | 30 |
| 31 | 0337 | 1855 | 0612 | 1844 | .... | .... | 0916 | 1811 | .... | .... | 0944 | 2047 | 31 |

Time meridian 75° W. 0000 is midnight. 1200 is noon.

Baltimore, MD and Washington, DC

| Day | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0115 | 1207 | 0306 | 1212 | 0248 | 1141 | 0325 | 1339 | 0244 | 1445 | 0234 | 1720 | 1 |
| 2 | 0215 | 1232 | 0405 | 1259 | 0337 | 1239 | 0353 | 1448 | 0309 | 1557 | 0313 | 1840 | 2 |
| 3 | 0316 | 1301 | 0458 | 1354 | 0420 | 1344 | 0420 | 1558 | 0336 | 1711 | 0402 | 1956 | 3 |
| 4 | 0418 | 1336 | 0545 | 1456 | 0456 | 1451 | 0445 | 1709 | 0406 | 1830 | 0503 | 2102 | 4 |
| 5 | 0518 | 1418 | 0625 | 1602 | 0527 | 1600 | 0511 | 1823 | 0442 | 1950 | 0614 | 2156 | 5 |
| 6 | 0615 | 1509 | 0659 | 1711 | 0555 | 1710 | 0539 | 1940 | 0526 | 2109 | 0730 | 2238 | 6 |
| 7 | 0706 | 1607 | 0728 | 1820 | 0621 | 1821 | 0611 | 2059 | 0620 | 2220 | 0846 | 2312 | 7 |
| 8 | 0750 | 1711 | 0755 | 1929 | 0646 | 1933 | 0650 | 2217 | 0725 | 2319 | 0958 | 2340 | 8 |
| 9 | 0827 | 1817 | 0819 | 2039 | 0712 | 2047 | 0737 | 2331 | 0837 | .... | 1106 | .... | 9 |
| 10 | 0859 | 1925 | 0844 | 2149 | 0741 | 2202 | 0835 | .... | 0951 | 0005 | 1210 | 0004 | 10 |
| 11 | 0926 | 2033 | 0910 | 2301 | 0814 | 2319 | 0941 | 0035 | 1103 | 0042 | 1312 | 0027 | 11 |
| 12 | 0951 | 2140 | 0939 | .... | 0854 | .... | 1052 | 0127 | 1211 | 0113 | 1413 | 0050 | 12 |
| 13 | 1015 | 2248 | 1014 | 0015 | 0944 | 0034 | 1203 | 0208 | 1316 | 0138 | 1514 | 0113 | 13 |
| 14 | 1040 | 2358 | 1056 | 0130 | 1042 | 0142 | 1312 | 0242 | 1418 | 0201 | 1616 | 0138 | 14 |
| 15 | 1106 | .... | 1147 | 0243 | 1149 | 0241 | 1419 | 0310 | 1519 | 0223 | 1717 | 0208 | 15 |
| 16 | 1137 | 0110 | 1249 | 0349 | 1300 | 0329 | 1522 | 0334 | 1620 | 0245 | 1816 | 0242 | 16 |
| 17 | 1213 | 0225 | 1358 | 0445 | 1411 | 0407 | 1624 | 0356 | 1721 | 0309 | 1913 | 0322 | 17 |
| 18 | 1259 | 0341 | 1511 | 0530 | 1520 | 0439 | 1726 | 0418 | 1823 | 0335 | 2003 | 0410 | 18 |
| 19 | 1356 | 0454 | 1624 | 0607 | 1626 | 0505 | 1827 | 0440 | 1924 | 0406 | 2047 | 0505 | 19 |
| 20 | 1503 | 0558 | 1733 | 0637 | 1730 | 0529 | 1929 | 0505 | 2023 | 0442 | 2124 | 0605 | 20 |
| 21 | 1617 | 0652 | 1840 | 0702 | 1833 | 0551 | 2031 | 0532 | 2117 | 0525 | 2156 | 0708 | 21 |
| 22 | 1731 | 0734 | 1944 | 0726 | 1935 | 0613 | 2131 | 0604 | 2206 | 0614 | 2224 | 0812 | 22 |
| 23 | 1844 | 0809 | 2046 | 0748 | 2037 | 0636 | 2229 | 0642 | 2247 | 0711 | 2249 | 0916 | 23 |
| 24 | 1952 | 0837 | 2148 | 0810 | 2139 | 0702 | 2322 | 0727 | 2323 | 0811 | 2312 | 1020 | 24 |
| 25 | 2057 | 0901 | 2250 | 0834 | 2241 | 0730 | .... | 0819 | 2353 | 0914 | 2336 | 1125 | 25 |
| 26 | 2200 | 0924 | 2352 | 0900 | 2341 | 0804 | 0009 | 0917 | .... | 1019 | .... | 1233 | 26 |
| 27 | 2302 | 0946 | .... | 0931 | .... | 0845 | 0049 | 1019 | 0020 | 1123 | 0002 | 1343 | 27 |
| 28 | .... | 1008 | 0053 | 1007 | 0038 | 0932 | 0123 | 1124 | 0045 | 1229 | 0031 | 1457 | 28 |
| 29 | 0003 | 1033 | 0153 | 1050 | 0129 | 1027 | 0152 | 1230 | 0109 | 1337 | 0105 | 1614 | 29 |
| 30 | 0104 | 1100 | .... | .... | 0213 | 1127 | 0219 | 1337 | 0134 | 1447 | 0148 | 1731 | 30 |
| 31 | 0206 | 1133 | .... | .... | 0252 | 1232 | .... | .... | 0202 | 1602 | .... | .... | 31 |

| Day | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0242 | 1841 | 0511 | 1936 | 0731 | 1919 | 0828 | 1839 | 1017 | 1918 | 1023 | 2003 | 1 |
| 2 | 0348 | 1941 | 0626 | 2005 | 0835 | 1943 | 0932 | 1911 | 1106 | 2012 | 1056 | 2105 | 2 |
| 3 | 0503 | 2030 | 0736 | 2030 | 0940 | 2009 | 1033 | 1949 | 1148 | 2111 | 1124 | 2206 | 3 |
| 4 | 0621 | 2108 | 0843 | 2054 | 1043 | 2039 | 1132 | 2033 | 1224 | 2212 | 1149 | 2308 | 4 |
| 5 | 0737 | 2139 | 0948 | 2117 | 1146 | 2113 | 1225 | 2124 | 1255 | 2314 | 1213 | .... | 5 |
| 6 | 0848 | 2205 | 1052 | 2142 | 1246 | 2153 | 1312 | 2221 | 1323 | .... | 1236 | 0011 | 6 |
| 7 | 0956 | 2229 | 1155 | 2209 | 1343 | 2240 | 1352 | 2322 | 1348 | 0018 | 1301 | 0116 | 7 |
| 8 | 1101 | 2252 | 1257 | 2240 | 1434 | 2334 | 1427 | .... | 1412 | 0122 | 1329 | 0225 | 8 |
| 9 | 1203 | 2316 | 1359 | 2316 | 1518 | .... | 1457 | 0025 | 1437 | 0228 | 1402 | 0337 | 9 |
| 10 | 1305 | 2341 | 1458 | 2359 | 1556 | 0033 | 1523 | 0129 | 1504 | 0336 | 1443 | 0453 | 10 |
| 11 | 1407 | .... | 1552 | .... | 1629 | 0136 | 1548 | 0235 | 1535 | 0449 | 1534 | 0611 | 11 |
| 12 | 1509 | 0009 | 1641 | 0049 | 1658 | 0241 | 1613 | 0341 | 1612 | 0606 | 1637 | 0725 | 12 |
| 13 | 1609 | 0041 | 1723 | 0146 | 1724 | 0347 | 1639 | 0450 | 1657 | 0724 | 1750 | 0830 | 13 |
| 14 | 1706 | 0120 | 1759 | 0247 | 1748 | 0454 | 1707 | 0601 | 1754 | 0841 | 1908 | 0923 | 14 |
| 15 | 1759 | 0205 | 1830 | 0352 | 1813 | 0601 | 1741 | 0716 | 1902 | 0949 | 2025 | 1005 | 15 |
| 16 | 1845 | 0258 | 1857 | 0457 | 1839 | 0711 | 1821 | 0833 | 2015 | 1047 | 2139 | 1039 | 16 |
| 17 | 1925 | 0357 | 1922 | 0603 | 1909 | 0822 | 1910 | 0950 | 2131 | 1132 | 2249 | 1107 | 17 |
| 18 | 1958 | 0459 | 1946 | 0709 | 1943 | 0936 | 2009 | 1101 | 2244 | 1209 | 2355 | 1133 | 18 |
| 19 | 2028 | 0604 | 2010 | 0816 | 2025 | 1051 | 2117 | 1203 | 2353 | 1239 | .... | 1157 | 19 |
| 20 | 2053 | 0708 | 2036 | 0924 | 2116 | 1204 | 2229 | 1254 | .... | 1305 | 0059 | 1221 | 20 |
| 21 | 2117 | 0813 | 2106 | 1035 | 2216 | 1311 | 2342 | 1335 | 0059 | 1329 | 0202 | 1246 | 21 |
| 22 | 2141 | 0918 | 2142 | 1148 | 2325 | 1409 | .... | 1408 | 0203 | 1353 | 0304 | 1314 | 22 |
| 23 | 2205 | 1024 | 2226 | 1302 | .... | 1456 | 0053 | 1436 | 0306 | 1417 | 0406 | 1347 | 23 |
| 24 | 2232 | 1133 | 2320 | 1413 | 0038 | 1534 | 0200 | 1501 | 0408 | 1443 | 0507 | 1425 | 24 |
| 25 | 2304 | 1244 | .... | 1518 | 0150 | 1605 | 0306 | 1525 | 0511 | 1512 | 0605 | 1509 | 25 |
| 26 | 2342 | 1358 | 0024 | 1612 | 0301 | 1633 | 0409 | 1548 | 0613 | 1546 | 0658 | 1600 | 26 |
| 27 | .... | 1513 | 0136 | 1657 | 0409 | 1657 | 0513 | 1613 | 0713 | 1626 | 0744 | 1657 | 27 |
| 28 | 0030 | 1624 | 0250 | 1734 | 0515 | 1721 | 0616 | 1640 | 0810 | 1713 | 0824 | 1756 | 28 |
| 29 | 0129 | 1727 | 0404 | 1804 | 0620 | 1745 | 0719 | 1711 | 0901 | 1806 | 0858 | 1858 | 29 |
| 30 | 0239 | 1820 | 0516 | 1831 | 0724 | 1810 | 0822 | 1747 | 0946 | 1903 | 0927 | 1959 | 30 |
| 31 | 0355 | 1902 | 0624 | 1855 | .... | .... | 0922 | 1829 | .... | .... | 0953 | 2101 | 31 |

Time meridian 75° W. 0000 is midnight. 1200 is noon.

Charleston, SC and Savannah, GA

| Day | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0121 | 1232 | 0300 | 1250 | 0239 | 1220 | 0325 | 1408 | 0256 | 1502 | 0303 | 1719 | 1 |
| 2 | 0218 | 1301 | 0356 | 1338 | 0329 | 1318 | 0358 | 1512 | 0326 | 1608 | 0347 | 1834 | 2 |
| 3 | 0315 | 1334 | 0449 | 1433 | 0414 | 1419 | 0429 | 1617 | 0357 | 1718 | 0440 | 1948 | 3 |
| 4 | 0413 | 1413 | 0538 | 1533 | 0454 | 1523 | 0459 | 1723 | 0432 | 1831 | 0542 | 2054 | 4 |
| 5 | 0510 | 1457 | 0621 | 1636 | 0530 | 1627 | 0530 | 1832 | 0513 | 1947 | 0652 | 2151 | 5 |
| 6 | 0606 | 1548 | 0659 | 1740 | 0602 | 1732 | 0603 | 1943 | 0601 | 2102 | 0805 | 2237 | 6 |
| 7 | 0658 | 1645 | 0733 | 1845 | 0632 | 1838 | 0640 | 2057 | 0659 | 2211 | 0916 | 2315 | 7 |
| 8 | 0744 | 1746 | 0804 | 1949 | 0702 | 1944 | 0724 | 2212 | 0804 | 2312 | 1024 | 2348 | 8 |
| 9 | 0824 | 1849 | 0833 | 2053 | 0733 | 2053 | 0815 | 2323 | 0914 | .... | 1127 | .... | 9 |
| 10 | 0900 | 1953 | 0902 | 2159 | 0807 | 2204 | 0914 | .... | 1024 | 0002 | 1226 | 0017 | 10 |
| 11 | 0932 | 2055 | 0933 | 2306 | 0845 | 2316 | 1019 | 0027 | 1132 | 0043 | 1324 | 0044 | 11 |
| 12 | 1002 | 2158 | 1007 | .... | 0930 | .... | 1127 | 0121 | 1235 | 0117 | 1421 | 0110 | 12 |
| 13 | 1030 | 2301 | 1046 | 0015 | 1022 | 0027 | 1235 | 0206 | 1335 | 0147 | 1518 | 0138 | 13 |
| 14 | 1059 | .... | 1132 | 0126 | 1122 | 0134 | 1340 | 0243 | 1433 | 0215 | 1615 | 0207 | 14 |
| 15 | 1131 | 0006 | 1226 | 0235 | 1227 | 0233 | 1441 | 0316 | 1530 | 0241 | 1713 | 0240 | 15 |
| 16 | 1206 | 0113 | 1328 | 0340 | 1335 | 0324 | 1540 | 0344 | 1626 | 0307 | 1810 | 0317 | 16 |
| 17 | 1247 | 0224 | 1436 | 0437 | 1442 | 0406 | 1638 | 0411 | 1723 | 0335 | 1904 | 0400 | 17 |
| 18 | 1337 | 0335 | 1545 | 0526 | 1546 | 0442 | 1735 | 0437 | 1821 | 0405 | 1955 | 0449 | 18 |
| 19 | 1436 | 0445 | 1652 | 0607 | 1648 | 0513 | 1832 | 0504 | 1919 | 0439 | 2041 | 0543 | 19 |
| 20 | 1542 | 0550 | 1757 | 0641 | 1747 | 0541 | 1929 | 0532 | 2015 | 0518 | 2121 | 0641 | 20 |
| 21 | 1652 | 0646 | 1859 | 0712 | 1845 | 0607 | 2028 | 0603 | 2109 | 0603 | 2156 | 0740 | 21 |
| 22 | 1803 | 0732 | 1958 | 0739 | 1943 | 0634 | 2125 | 0639 | 2158 | 0653 | 2228 | 0840 | 22 |
| 23 | 1910 | 0811 | 2056 | 0806 | 2040 | 0701 | 2221 | 0720 | 2242 | 0748 | 2257 | 0940 | 23 |
| 24 | 2014 | 0844 | 2154 | 0832 | 2138 | 0730 | 2314 | 0806 | 2321 | 0846 | 2325 | 1040 | 24 |
| 25 | 2115 | 0913 | 2252 | 0900 | 2237 | 0803 | .... | 0858 | 2355 | 0946 | 2354 | 1141 | 25 |
| 26 | 2213 | 0939 | 2350 | 0930 | 2334 | 0840 | 0001 | 0954 | .... | 1046 | .... | 1243 | 26 |
| 27 | 2310 | 1006 | .... | 1005 | .... | 0923 | 0044 | 1053 | 0026 | 1147 | 0024 | 1349 | 27 |
| 28 | .... | 1032 | 0048 | 1044 | 0029 | 1011 | 0121 | 1154 | 0055 | 1248 | 0057 | 1458 | 28 |
| 29 | 0007 | 1101 | 0145 | 1129 | 0120 | 1105 | 0155 | 1256 | 0124 | 1350 | 0137 | 1610 | 29 |
| 30 | 0104 | 1132 | .... | .... | 0207 | 1204 | 0226 | 1358 | 0153 | 1456 | 0224 | 1724 | 30 |
| 31 | 0202 | 1208 | .... | .... | 0248 | 1305 | .... | .... | 0226 | 1605 | .... | .... | 31 |

| Day | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0321 | 1833 | 0541 | 1940 | 0744 | 1938 | 0830 | 1909 | 1009 | 1956 | 1020 | 2036 | 1 |
| 2 | 0427 | 1935 | 0651 | 2013 | 0844 | 2007 | 0929 | 1945 | 1058 | 2050 | 1056 | 2134 | 2 |
| 3 | 0540 | 2026 | 0756 | 2043 | 0943 | 2037 | 1028 | 2026 | 1143 | 2146 | 1127 | 2232 | 3 |
| 4 | 0653 | 2109 | 0859 | 2111 | 1043 | 2111 | 1124 | 2112 | 1222 | 2244 | 1157 | 2330 | 4 |
| 5 | 0804 | 2145 | 0959 | 2139 | 1142 | 2148 | 1217 | 2203 | 1256 | 2343 | 1224 | .... | 5 |
| 6 | 0911 | 2216 | 1058 | 2208 | 1240 | 2231 | 1305 | 2258 | 1327 | .... | 1252 | 0028 | 6 |
| 7 | 1014 | 2244 | 1157 | 2239 | 1335 | 2319 | 1347 | 2356 | 1357 | 0042 | 1322 | 0129 | 7 |
| 8 | 1114 | 2312 | 1255 | 2313 | 1426 | .... | 1425 | .... | 1425 | 0141 | 1354 | 0232 | 8 |
| 9 | 1212 | 2339 | 1354 | 2353 | 1512 | 0013 | 1459 | 0056 | 1455 | 0243 | 1432 | 0340 | 9 |
| 10 | 1310 | .... | 1450 | .... | 1553 | 0110 | 1530 | 0156 | 1526 | 0347 | 1517 | 0451 | 10 |
| 11 | 1408 | 0008 | 1544 | 0038 | 1629 | 0210 | 1559 | 0257 | 1602 | 0454 | 1611 | 0606 | 11 |
| 12 | 1505 | 0040 | 1633 | 0128 | 1702 | 0311 | 1629 | 0359 | 1644 | 0606 | 1715 | 0718 | 12 |
| 13 | 1603 | 0116 | 1718 | 0223 | 1732 | 0412 | 1659 | 0503 | 1733 | 0720 | 1827 | 0823 | 13 |
| 14 | 1659 | 0157 | 1757 | 0322 | 1801 | 0514 | 1732 | 0609 | 1833 | 0834 | 1942 | 0919 | 14 |
| 15 | 1751 | 0244 | 1831 | 0423 | 1831 | 0617 | 1810 | 0719 | 1940 | 0942 | 2054 | 1005 | 15 |
| 16 | 1838 | 0336 | 1903 | 0525 | 1902 | 0721 | 1855 | 0831 | 2051 | 1041 | 2203 | 1043 | 16 |
| 17 | 1921 | 0433 | 1932 | 0626 | 1936 | 0828 | 1947 | 0944 | 2202 | 1130 | 2308 | 1117 | 17 |
| 18 | 1958 | 0533 | 2001 | 0727 | 2015 | 0937 | 2048 | 1053 | 2311 | 1211 | .... | 1146 | 18 |
| 19 | 2031 | 0634 | 2029 | 0829 | 2100 | 1047 | 2155 | 1156 | .... | 1246 | 0009 | 1215 | 19 |
| 20 | 2101 | 0734 | 2100 | 0933 | 2154 | 1157 | 2304 | 1249 | 0015 | 1316 | 0109 | 1243 | 20 |
| 21 | 2129 | 0834 | 2135 | 1038 | 2255 | 1303 | .... | 1334 | 0117 | 1345 | 0207 | 1313 | 21 |
| 22 | 2157 | 0935 | 2215 | 1147 | .... | 1402 | 0012 | 1411 | 0216 | 1412 | 0306 | 1345 | 22 |
| 23 | 2226 | 1036 | 2302 | 1257 | 0002 | 1452 | 0118 | 1444 | 0314 | 1440 | 0404 | 1421 | 23 |
| 24 | 2258 | 1140 | 2358 | 1405 | 0111 | 1534 | 0221 | 1513 | 0413 | 1511 | 0502 | 1501 | 24 |
| 25 | 2334 | 1246 | .... | 1509 | 0220 | 1610 | 0322 | 1541 | 0511 | 1544 | 0558 | 1547 | 25 |
| 26 | .... | 1355 | 0102 | 1606 | 0325 | 1642 | 0421 | 1609 | 0610 | 1621 | 0650 | 1638 | 26 |
| 27 | 0016 | 1506 | 0212 | 1654 | 0429 | 1711 | 0520 | 1638 | 0708 | 1704 | 0737 | 1733 | 27 |
| 28 | 0108 | 1616 | 0323 | 1735 | 0530 | 1739 | 0619 | 1709 | 0803 | 1751 | 0820 | 1830 | 28 |
| 29 | 0208 | 1719 | 0432 | 1810 | 0630 | 1807 | 0719 | 1744 | 0854 | 1843 | 0857 | 1928 | 29 |
| 30 | 0317 | 1814 | 0538 | 1841 | 0730 | 1837 | 0818 | 1823 | 0940 | 1939 | 0929 | 2026 | 30 |
| 31 | 0429 | 1901 | 0642 | 1910 | .... | .... | 0915 | 1907 | .... | .... | 0959 | 2123 | 31 |

Time meridian 75° W. 0000 is midnight. 1200 is noon.

Galveston, Texas

| Day | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0117 | 1235 | 0250 | 1258 | 0228 | 1230 | 0317 | 1413 | 0253 | 1502 | 0307 | 1712 | 1 |
| 2 | 0212 | 1306 | 0346 | 1347 | 0319 | 1326 | 0352 | 1515 | 0325 | 1606 | 0354 | 1826 | 2 |
| 3 | 0307 | 1341 | 0439 | 1442 | 0404 | 1427 | 0425 | 1618 | 0358 | 1714 | 0448 | 1938 | 3 |
| 4 | 0404 | 1420 | 0528 | 1541 | 0446 | 1529 | 0457 | 1722 | 0436 | 1825 | 0552 | 2045 | 4 |
| 5 | 0500 | 1506 | 0612 | 1643 | 0523 | 1631 | 0530 | 1829 | 0519 | 1939 | 0702 | 2142 | 5 |
| 6 | 0555 | 1557 | 0651 | 1746 | 0557 | 1735 | 0606 | 1938 | 0609 | 2052 | 0813 | 2229 | 6 |
| 7 | 0647 | 1654 | 0727 | 1848 | 0629 | 1838 | 0645 | 2050 | 0708 | 2201 | 0922 | 2309 | 7 |
| 8 | 0734 | 1754 | 0759 | 1950 | 0701 | 1943 | 0731 | 2203 | 0814 | 2302 | 1027 | 2343 | 8 |
| 9 | 0816 | 1856 | 0831 | 2052 | 0735 | 2049 | 0823 | 2313 | 0923 | 2353 | 1128 | .... | 9 |
| 10 | 0853 | 1957 | 0902 | 2156 | 0811 | 2158 | 0923 | .... | 1031 | .... | 1226 | 0014 | 10 |
| 11 | 0927 | 2058 | 0935 | 2301 | 0851 | 2308 | 1029 | 0016 | 1137 | 0036 | 1322 | 0043 | 11 |
| 12 | 0958 | 2159 | 1011 | .... | 0938 | .... | 1136 | 0111 | 1238 | 0112 | 1417 | 0111 | 12 |
| 13 | 1029 | 2300 | 1052 | 0008 | 1031 | 0018 | 1241 | 0157 | 1336 | 0143 | 1512 | 0140 | 13 |
| 14 | 1100 | .... | 1140 | 0117 | 1131 | 0124 | 1344 | 0236 | 1432 | 0212 | 1608 | 0211 | 14 |
| 15 | 1133 | 0003 | 1236 | 0225 | 1236 | 0223 | 1444 | 0310 | 1527 | 0240 | 1704 | 0246 | 15 |
| 16 | 1211 | 0108 | 1338 | 0330 | 1343 | 0314 | 1541 | 0341 | 1622 | 0308 | 1800 | 0325 | 16 |
| 17 | 1254 | 0216 | 1445 | 0427 | 1448 | 0358 | 1636 | 0409 | 1717 | 0338 | 1854 | 0409 | 17 |
| 18 | 1345 | 0326 | 1552 | 0517 | 1550 | 0435 | 1731 | 0437 | 1813 | 0410 | 1945 | 0458 | 18 |
| 19 | 1445 | 0436 | 1658 | 0559 | 1649 | 0508 | 1827 | 0505 | 1910 | 0446 | 2031 | 0552 | 19 |
| 20 | 1551 | 0540 | 1800 | 0635 | 1747 | 0538 | 1923 | 0536 | 2005 | 0526 | 2112 | 0649 | 20 |
| 21 | 1701 | 0636 | 1900 | 0707 | 1843 | 0606 | 2019 | 0609 | 2058 | 0612 | 2149 | 0747 | 21 |
| 22 | 1809 | 0724 | 1958 | 0737 | 1939 | 0634 | 2116 | 0646 | 2148 | 0702 | 2222 | 0845 | 22 |
| 23 | 1915 | 0804 | 2054 | 0805 | 2035 | 0703 | 2211 | 0728 | 2232 | 0757 | 2253 | 0943 | 23 |
| 24 | 2016 | 0838 | 2149 | 0834 | 2131 | 0734 | 2303 | 0815 | 2312 | 0854 | 2323 | 1041 | 24 |
| 25 | 2115 | 0909 | 2245 | 0903 | 2228 | 0809 | 2351 | 0907 | 2348 | 0952 | 2353 | 1140 | 25 |
| 26 | 2211 | 0938 | 2342 | 0935 | 2324 | 0848 | .... | 1003 | .... | 1051 | .... | 1241 | 26 |
| 27 | 2306 | 1006 | .... | 1011 | .... | 0931 | 0034 | 1101 | 0020 | 1149 | 0025 | 1344 | 27 |
| 28 | .... | 1034 | 0039 | 1052 | 0019 | 1020 | 0113 | 1200 | 0051 | 1248 | 0101 | 1452 | 28 |
| 29 | 0001 | 1104 | 0134 | 1138 | 0110 | 1114 | 0148 | 1300 | 0122 | 1349 | 0143 | 1603 | 29 |
| 30 | 0057 | 1138 | .... | .... | 0157 | 1212 | 0221 | 1400 | 0154 | 1453 | 0232 | 1715 | 30 |
| 31 | 0153 | 1215 | .... | .... | 0239 | 1312 | .... | .... | 0228 | 1600 | .... | .... | 31 |

| Day | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0330 | 1823 | 0547 | 1933 | 0742 | 1939 | 0823 | 1914 | 0959 | 2005 | 1011 | 2043 | 1 |
| 2 | 0437 | 1925 | 0654 | 2009 | 0840 | 2009 | 0921 | 1952 | 1048 | 2058 | 1048 | 2139 | 2 |
| 3 | 0548 | 2018 | 0758 | 2040 | 0938 | 2041 | 1019 | 2034 | 1133 | 2154 | 1121 | 2235 | 3 |
| 4 | 0700 | 2102 | 0858 | 2110 | 1036 | 2117 | 1114 | 2121 | 1213 | 2250 | 1152 | 2331 | 4 |
| 5 | 0809 | 2139 | 0957 | 2140 | 1133 | 2156 | 1207 | 2212 | 1249 | 2347 | 1221 | .... | 5 |
| 6 | 0914 | 2212 | 1054 | 2211 | 1230 | 2239 | 1255 | 2306 | 1322 | .... | 1251 | 0028 | 6 |
| 7 | 1014 | 2243 | 1151 | 2244 | 1324 | 2328 | 1338 | .... | 1353 | 0045 | 1322 | 0127 | 7 |
| 8 | 1112 | 2312 | 1248 | 2320 | 1415 | .... | 1417 | 0003 | 1423 | 0143 | 1357 | 0229 | 8 |
| 9 | 1209 | 2341 | 1345 | .... | 1502 | 0021 | 1452 | 0102 | 1454 | 0242 | 1437 | 0334 | 9 |
| 10 | 1305 | .... | 1440 | 0000 | 1544 | 0118 | 1525 | 0200 | 1528 | 0344 | 1524 | 0444 | 10 |
| 11 | 1401 | 0012 | 1533 | 0046 | 1621 | 0216 | 1556 | 0259 | 1606 | 0450 | 1620 | 0557 | 11 |
| 12 | 1457 | 0045 | 1623 | 0137 | 1656 | 0316 | 1627 | 0359 | 1650 | 0600 | 1725 | 0708 | 12 |
| 13 | 1553 | 0123 | 1708 | 0232 | 1728 | 0415 | 1700 | 0501 | 1741 | 0712 | 1836 | 0813 | 13 |
| 14 | 1648 | 0205 | 1748 | 0330 | 1759 | 0515 | 1735 | 0606 | 1842 | 0824 | 1949 | 0910 | 14 |
| 15 | 1740 | 0253 | 1824 | 0429 | 1830 | 0616 | 1815 | 0713 | 1949 | 0932 | 2100 | 0957 | 15 |
| 16 | 1828 | 0345 | 1857 | 0529 | 1903 | 0719 | 1902 | 0824 | 2059 | 1032 | 2206 | 1038 | 16 |
| 17 | 1911 | 0442 | 1928 | 0628 | 1939 | 0823 | 1956 | 0935 | 2209 | 1122 | 2309 | 1113 | 17 |
| 18 | 1950 | 0540 | 1959 | 0728 | 2020 | 0930 | 2057 | 1044 | 2315 | 1204 | .... | 1144 | 18 |
| 19 | 2024 | 0639 | 2030 | 0828 | 2108 | 1039 | 2203 | 1146 | .... | 1241 | 0008 | 1215 | 19 |
| 20 | 2056 | 0738 | 2103 | 0929 | 2203 | 1148 | 2312 | 1240 | 0018 | 1313 | 0106 | 1245 | 20 |
| 21 | 2126 | 0836 | 2139 | 1033 | 2305 | 1253 | .... | 1326 | 0117 | 1343 | 0203 | 1316 | 21 |
| 22 | 2156 | 0935 | 2221 | 1140 | .... | 1352 | 0018 | 1405 | 0214 | 1412 | 0259 | 1350 | 22 |
| 23 | 2227 | 1034 | 2311 | 1248 | 0011 | 1443 | 0122 | 1439 | 0311 | 1442 | 0356 | 1427 | 23 |
| 24 | 2301 | 1136 | .... | 1356 | 0119 | 1526 | 0223 | 1510 | 0408 | 1514 | 0453 | 1509 | 24 |
| 25 | 2339 | 1240 | 0008 | 1459 | 0225 | 1604 | 0322 | 1540 | 0505 | 1549 | 0548 | 1556 | 25 |
| 26 | .... | 1348 | 0112 | 1556 | 0329 | 1637 | 0419 | 1610 | 0602 | 1628 | 0640 | 1647 | 26 |
| 27 | 0023 | 1458 | 0220 | 1646 | 0430 | 1708 | 0516 | 1640 | 0658 | 1712 | 0727 | 1741 | 27 |
| 28 | 0116 | 1606 | 0329 | 1728 | 0529 | 1738 | 0614 | 1713 | 0753 | 1800 | 0810 | 1837 | 28 |
| 29 | 0218 | 1710 | 0437 | 1805 | 0628 | 1808 | 0711 | 1750 | 0843 | 1852 | 0848 | 1934 | 29 |
| 30 | 0326 | 1805 | 0541 | 1838 | 0726 | 1840 | 0809 | 1830 | 0930 | 1947 | 0923 | 2030 | 30 |
| 31 | 0437 | 1853 | 0642 | 1909 | .... | .... | 0905 | 1915 | .... | .... | 0954 | 2126 | 31 |

Time meridian 90° W. 0000 is midnight. 1200 is noon.

Panama Canal (East End)

| Day | JANUARY | | FEBRUARY | | MARCH | | APRIL | | MAY | | JUNE | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0055 | 1257 | 0200 | 1346 | 0134 | 1319 | 0242 | 1440 | 0244 | 1502 | 0337 | 1631 | 1 |
| 2 | 0140 | 1337 | 0252 | 1437 | 0226 | 1412 | 0327 | 1532 | 0326 | 1554 | 0432 | 1737 | 2 |
| 3 | 0227 | 1419 | 0345 | 1530 | 0317 | 1507 | 0410 | 1624 | 0411 | 1650 | 0534 | 1845 | 3 |
| 4 | 0317 | 1505 | 0437 | 1625 | 0405 | 1601 | 0453 | 1716 | 0500 | 1749 | 0640 | 1952 | 4 |
| 5 | 0409 | 1554 | 0527 | 1720 | 0452 | 1653 | 0537 | 1811 | 0553 | 1853 | 0747 | 2054 | 5 |
| 6 | 0501 | 1646 | 0615 | 1813 | 0536 | 1746 | 0624 | 1908 | 0652 | 2000 | 0852 | 2151 | 6 |
| 7 | 0554 | 1741 | 0700 | 1905 | 0620 | 1838 | 0714 | 2009 | 0756 | 2107 | 0952 | 2240 | 7 |
| 8 | 0646 | 1835 | 0744 | 1956 | 0703 | 1931 | 0810 | 2114 | 0901 | 2211 | 1047 | 2325 | 8 |
| 9 | 0735 | 1929 | 0826 | 2047 | 0747 | 2025 | 0909 | 2219 | 1006 | 2309 | 1137 | .... | 9 |
| 10 | 0821 | 2021 | 0908 | 2139 | 0834 | 2123 | 1012 | 2323 | 1107 | .... | 1225 | 0006 | 10 |
| 11 | 0904 | 2111 | 0952 | 2233 | 0925 | 2223 | 1115 | .... | 1203 | 0001 | 1311 | 0044 | 11 |
| 12 | 0946 | 2201 | 1039 | 2330 | 1020 | 2326 | 1217 | 0022 | 1254 | 0047 | 1356 | 0122 | 12 |
| 13 | 1027 | 2251 | 1129 | .... | 1119 | .... | 1314 | 0116 | 1342 | 0128 | 1442 | 0201 | 13 |
| 14 | 1109 | 2343 | 1225 | 0030 | 1220 | 0029 | 1407 | 0204 | 1428 | 0207 | 1530 | 0240 | 14 |
| 15 | 1153 | .... | 1324 | 0132 | 1322 | 0130 | 1457 | 0248 | 1513 | 0245 | 1619 | 0323 | 15 |
| 16 | 1241 | 0037 | 1426 | 0235 | 1422 | 0227 | 1544 | 0328 | 1559 | 0322 | 1710 | 0408 | 16 |
| 17 | 1334 | 0135 | 1529 | 0336 | 1518 | 0319 | 1630 | 0407 | 1645 | 0401 | 1801 | 0456 | 17 |
| 18 | 1432 | 0237 | 1628 | 0432 | 1610 | 0406 | 1715 | 0444 | 1733 | 0441 | 1852 | 0546 | 18 |
| 19 | 1534 | 0341 | 1725 | 0523 | 1700 | 0449 | 1801 | 0522 | 1823 | 0524 | 1942 | 0638 | 19 |
| 20 | 1638 | 0446 | 1817 | 0610 | 1747 | 0529 | 1848 | 0601 | 1914 | 0610 | 2030 | 0730 | 20 |
| 21 | 1742 | 0547 | 1906 | 0652 | 1833 | 0607 | 1937 | 0643 | 2005 | 0659 | 2114 | 0822 | 21 |
| 22 | 1842 | 0642 | 1953 | 0732 | 1919 | 0645 | 2027 | 0727 | 2056 | 0750 | 2157 | 0912 | 22 |
| 23 | 1937 | 0733 | 2039 | 0810 | 2005 | 0723 | 2118 | 0814 | 2145 | 0842 | 2237 | 1000 | 23 |
| 24 | 2028 | 0818 | 2125 | 0848 | 2053 | 0803 | 2210 | 0903 | 2232 | 0934 | 2317 | 1048 | 24 |
| 25 | 2116 | 0859 | 2212 | 0927 | 2142 | 0846 | 2300 | 0955 | 2315 | 1025 | 2358 | 1137 | 25 |
| 26 | 2202 | 0938 | 2300 | 1008 | 2233 | 0931 | 2349 | 1047 | 2357 | 1115 | .... | 1226 | 26 |
| 27 | 2248 | 1015 | 2350 | 1051 | 2325 | 1019 | .... | 1139 | .... | 1203 | 0040 | 1319 | 27 |
| 28 | 2333 | 1053 | .... | 1137 | .... | 1109 | 0035 | 1230 | 0038 | 1252 | 0126 | 1416 | 28 |
| 29 | .... | 1132 | 0042 | 1227 | 0017 | 1202 | 0119 | 1321 | 0119 | 1342 | 0217 | 1517 | 29 |
| 30 | 0020 | 1213 | .... | .... | 0107 | 1255 | 0202 | 1411 | 0201 | 1434 | 0315 | 1622 | 30 |
| 31 | 0109 | 1258 | .... | .... | 0156 | 1348 | .... | .... | 0247 | 1531 | .... | .... | 31 |

| Day | JULY | | AUGUST | | SEPTEMBER | | OCTOBER | | NOVEMBER | | DECEMBER | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | Rise h m | Set h m | |
| 1 | 0418 | 1729 | 0616 | 1905 | 0733 | 1948 | 0750 | 1947 | 0907 | 2052 | 0928 | 2119 | 1 |
| 2 | 0524 | 1835 | 0713 | 1951 | 0822 | 2028 | 0840 | 2031 | 0957 | 2143 | 1012 | 2208 | 2 |
| 3 | 0631 | 1935 | 0806 | 2034 | 0910 | 2109 | 0931 | 2119 | 1046 | 2234 | 1053 | 2255 | 3 |
| 4 | 0734 | 2029 | 0855 | 2114 | 0959 | 2153 | 1023 | 2208 | 1132 | 2324 | 1133 | 2342 | 4 |
| 5 | 0833 | 2117 | 0943 | 2154 | 1049 | 2238 | 1114 | 2259 | 1215 | .... | 1212 | .... | 5 |
| 6 | 0927 | 2200 | 1031 | 2234 | 1140 | 2326 | 1204 | 2351 | 1257 | 0013 | 1252 | 0028 | 6 |
| 7 | 1017 | 2241 | 1119 | 2315 | 1231 | .... | 1252 | .... | 1337 | 0101 | 1333 | 0117 | 7 |
| 8 | 1105 | 2320 | 1207 | 2359 | 1323 | 0016 | 1338 | 0042 | 1418 | 0149 | 1418 | 0208 | 8 |
| 9 | 1152 | 2358 | 1257 | .... | 1413 | 0108 | 1422 | 0133 | 1459 | 0238 | 1507 | 0303 | 9 |
| 10 | 1238 | .... | 1349 | 0045 | 1500 | 0200 | 1504 | 0222 | 1543 | 0329 | 1603 | 0403 | 10 |
| 11 | 1325 | 0038 | 1440 | 0134 | 1546 | 0252 | 1545 | 0311 | 1632 | 0424 | 1705 | 0508 | 11 |
| 12 | 1414 | 0120 | 1531 | 0225 | 1629 | 0343 | 1627 | 0401 | 1725 | 0523 | 1811 | 0615 | 12 |
| 13 | 1504 | 0204 | 1621 | 0318 | 1711 | 0433 | 1710 | 0452 | 1824 | 0626 | 1919 | 0722 | 13 |
| 14 | 1556 | 0251 | 1708 | 0410 | 1753 | 0523 | 1756 | 0545 | 1928 | 0733 | 2025 | 0825 | 14 |
| 15 | 1647 | 0341 | 1753 | 0502 | 1835 | 0613 | 1846 | 0642 | 2035 | 0839 | 2126 | 0922 | 15 |
| 16 | 1738 | 0433 | 1835 | 0552 | 1918 | 0704 | 1941 | 0742 | 2140 | 0943 | 2222 | 1012 | 16 |
| 17 | 1827 | 0525 | 1916 | 0642 | 2005 | 0758 | 2041 | 0846 | 2241 | 1041 | 2314 | 1058 | 17 |
| 18 | 1912 | 0617 | 1957 | 0731 | 2055 | 0854 | 2144 | 0951 | 2338 | 1133 | .... | 1140 | 18 |
| 19 | 1956 | 0708 | 2038 | 0820 | 2150 | 0954 | 2248 | 1054 | .... | 1219 | 0003 | 1220 | 19 |
| 20 | 2037 | 0758 | 2122 | 0911 | 2250 | 1057 | 2350 | 1153 | 0030 | 1302 | 0051 | 1300 | 20 |
| 21 | 2117 | 0846 | 2208 | 1004 | 2352 | 1200 | .... | 1247 | 0119 | 1342 | 0138 | 1340 | 21 |
| 22 | 2157 | 0934 | 2259 | 1100 | .... | 1301 | 0048 | 1336 | 0207 | 1421 | 0226 | 1422 | 22 |
| 23 | 2239 | 1023 | 2355 | 1200 | 0055 | 1358 | 0142 | 1420 | 0253 | 1500 | 0315 | 1507 | 23 |
| 24 | 2323 | 1114 | .... | 1303 | 0155 | 1450 | 0233 | 1502 | 0341 | 1541 | 0406 | 1553 | 24 |
| 25 | .... | 1208 | 0056 | 1406 | 0252 | 1538 | 0321 | 1542 | 0429 | 1624 | 0457 | 1643 | 25 |
| 26 | 0010 | 1306 | 0159 | 1507 | 0346 | 1622 | 0409 | 1621 | 0519 | 1709 | 0548 | 1734 | 26 |
| 27 | 0104 | 1408 | 0302 | 1604 | 0436 | 1703 | 0456 | 1701 | 0610 | 1757 | 0638 | 1825 | 27 |
| 28 | 0202 | 1512 | 0403 | 1655 | 0525 | 1743 | 0544 | 1742 | 0701 | 1847 | 0725 | 1915 | 28 |
| 29 | 0306 | 1617 | 0500 | 1743 | 0613 | 1823 | 0633 | 1826 | 0752 | 1938 | 0810 | 2005 | 29 |
| 30 | 0411 | 1718 | 0554 | 1826 | 0701 | 1904 | 0724 | 1913 | 0841 | 2029 | 0852 | 2052 | 30 |
| 31 | 0516 | 1814 | 0645 | 1908 | .... | .... | 0815 | 2002 | .... | .... | 0933 | 2139 | 31 |

Time meridian 75° W. 0000 is midnight. 1200 is noon.

# TABLE 7. — CONVERSION OF FEET TO CENTIMETERS

| | Tenths of a Foot | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Feet** | **0.0** | **0.1** | **0.2** | **0.3** | **0.4** | **0.5** | **0.6** | **0.7** | **0.8** | **0.9** | **Feet** |
| **0** | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | **0** |
| **1** | 30 | 34 | 37 | 40 | 43 | 46 | 49 | 52 | 55 | 58 | **1** |
| **2** | 61 | 64 | 67 | 70 | 73 | 76 | 79 | 82 | 85 | 88 | **2** |
| **3** | 91 | 94 | 98 | 101 | 104 | 107 | 110 | 113 | 116 | 119 | **3** |
| **4** | 122 | 125 | 128 | 131 | 134 | 137 | 140 | 143 | 146 | 149 | **4** |
| **5** | 152 | 155 | 158 | 162 | 165 | 168 | 171 | 174 | 177 | 180 | **5** |
| **6** | 183 | 186 | 189 | 192 | 195 | 198 | 201 | 204 | 207 | 210 | **6** |
| **7** | 213 | 216 | 219 | 223 | 226 | 229 | 232 | 235 | 238 | 241 | **7** |
| **8** | 244 | 247 | 250 | 253 | 256 | 259 | 262 | 265 | 268 | 271 | **8** |
| **9** | 274 | 277 | 280 | 283 | 287 | 290 | 293 | 296 | 299 | 302 | **9** |
| **10** | 305 | 308 | 311 | 314 | 317 | 320 | 323 | 326 | 329 | 332 | **10** |
| **11** | 335 | 338 | 341 | 344 | 347 | 351 | 354 | 357 | 360 | 363 | **11** |
| **12** | 366 | 369 | 372 | 375 | 378 | 381 | 384 | 387 | 390 | 393 | **12** |
| **13** | 396 | 399 | 402 | 405 | 408 | 411 | 415 | 418 | 421 | 424 | **13** |
| **14** | 427 | 430 | 433 | 436 | 439 | 442 | 445 | 448 | 451 | 454 | **14** |
| **15** | 457 | 460 | 463 | 466 | 469 | 472 | 475 | 479 | 482 | 485 | **15** |
| **16** | 488 | 491 | 494 | 497 | 500 | 503 | 506 | 509 | 512 | 515 | **16** |
| **17** | 518 | 521 | 524 | 527 | 530 | 533 | 536 | 539 | 543 | 546 | **17** |
| **18** | 549 | 552 | 555 | 558 | 561 | 564 | 567 | 570 | 573 | 576 | **18** |
| **19** | 579 | 582 | 585 | 588 | 591 | 594 | 597 | 600 | 604 | 607 | **19** |
| **20** | 610 | 613 | 616 | 619 | 622 | 625 | 628 | 631 | 634 | 637 | **20** |
| **21** | 640 | 643 | 646 | 649 | 652 | 655 | 658 | 661 | 664 | 668 | **21** |
| **22** | 671 | 674 | 677 | 680 | 683 | 686 | 689 | 692 | 695 | 698 | **22** |
| **23** | 701 | 704 | 707 | 710 | 713 | 716 | 719 | 722 | 725 | 728 | **23** |
| **24** | 732 | 735 | 738 | 741 | 744 | 747 | 750 | 753 | 756 | 759 | **24** |
| **25** | 762 | 765 | 768 | 771 | 774 | 777 | 780 | 783 | 786 | 789 | **25** |
| **26** | 792 | 796 | 799 | 802 | 805 | 808 | 811 | 814 | 817 | 820 | **26** |
| **27** | 823 | 826 | 829 | 832 | 835 | 838 | 841 | 844 | 847 | 850 | **27** |
| **28** | 853 | 856 | 860 | 863 | 866 | 869 | 872 | 875 | 878 | 881 | **28** |
| **29** | 884 | 887 | 890 | 893 | 896 | 899 | 902 | 905 | 908 | 911 | **29** |
| **30** | 914 | 917 | 920 | 924 | 927 | 930 | 933 | 936 | 939 | 942 | **30** |
| **31** | 945 | 948 | 951 | 954 | 957 | 960 | 963 | 966 | 969 | 972 | **31** |
| **32** | 975 | 978 | 981 | 985 | 988 | 991 | 994 | 997 | 1000 | 1003 | **32** |
| **33** | 1006 | 1009 | 1012 | 1015 | 1018 | 1021 | 1024 | 1027 | 1030 | 1033 | **33** |
| **34** | 1036 | 1039 | 1042 | 1045 | 1049 | 1052 | 1055 | 1058 | 1061 | 1064 | **34** |
| **35** | 1067 | 1070 | 1073 | 1076 | 1079 | 1082 | 1085 | 1088 | 1091 | 1094 | **35** |
| **36** | 1097 | 1100 | 1103 | 1106 | 1109 | 1113 | 1116 | 1119 | 1122 | 1125 | **36** |
| **37** | 1128 | 1131 | 1134 | 1137 | 1140 | 1143 | 1146 | 1149 | 1152 | 1155 | **37** |
| **38** | 1158 | 1161 | 1164 | 1167 | 1170 | 1173 | 1177 | 1180 | 1183 | 1186 | **38** |
| **39** | 1189 | 1192 | 1195 | 1198 | 1201 | 1204 | 1207 | 1210 | 1213 | 1216 | **39** |
| **40** | 1219 | 1222 | 1225 | 1228 | 1231 | 1234 | 1237 | 1241 | 1244 | 1247 | **40** |
| **41** | 1250 | 1253 | 1256 | 1259 | 1262 | 1265 | 1268 | 1271 | 1274 | 1277 | **41** |
| **42** | 1280 | 1283 | 1286 | 1289 | 1292 | 1295 | 1298 | 1301 | 1305 | 1308 | **42** |
| **43** | 1311 | 1314 | 1317 | 1320 | 1323 | 1326 | 1329 | 1332 | 1335 | 1338 | **43** |
| **44** | 1341 | 1344 | 1347 | 1350 | 1353 | 1356 | 1359 | 1362 | 1366 | 1369 | **44** |
| **45** | 1372 | 1375 | 1378 | 1381 | 1384 | 1387 | 1390 | 1393 | 1396 | 1399 | **45** |
| **46** | 1402 | 1405 | 1408 | 1411 | 1414 | 1417 | 1420 | 1423 | 1426 | 1430 | **46** |
| **47** | 1433 | 1436 | 1439 | 1442 | 1445 | 1448 | 1451 | 1454 | 1457 | 1460 | **47** |
| **48** | 1463 | 1466 | 1469 | 1472 | 1475 | 1478 | 1481 | 1484 | 1487 | 1490 | **48** |
| **49** | 1494 | 1497 | 1500 | 1503 | 1506 | 1509 | 1512 | 1515 | 1518 | 1521 | **49** |

Feet to Meters = Centimeters divided by 100 (from above table)
Example: 09.40 feet = (287 centimeters) / (100) = 02.87 meters.

1 Meter = 100 centimeters
1 Meter = 3.2808399 feet

1 Foot = 0.30480061 meters
1 Foot = 30.480061 centimeters

# TABLE 8.—TIDE PREDICTION ACCURACY

## EXPLANATION OF TABLE

The accuracy of National Ocean Service tide predictions is determined by comparing predicted and observed high and low waters at all stations for which data exists, primarily the U.S. and its territories. Each water-level station is unique; there is no single standard of accuracy when comparing astronomic tide predictions with observed water levels. Water-level station locations are examined on an individual basis to determine if the predictions are adequate. Comparisons are based on 1989 data except for those locations where the stations were not in operation or the data acquired were unacceptable. If a station was not in operation in 1989, the last good year of data was used. Comparisons are made by subtracting the observed times and heights of the high and low waters from the predicted tides to compute a difference.

## Table Legend

Station ID—Each water-level station in the United States and dependent territories has a unique seven digit identification number (ID). The ID is unrelated to the four digit station number used in the published prediction tables.

90% Distribution Level—90% of the absolute values of the differences are less than or equal to the values in these columns.

Standard Deviation of Differences—Standard deviation of all the differences.

Average Difference—Average of the signed sum of all the differences.

## Notes

Albany—This station, located on the Hudson River, experiences a significant change in river level and corresponding times and heights of high and low waters throughout the year.

Baltimore—Winds greatly affect the times and heights of the high and low tides, owing to the large shallow bay and small tidal range.

Gulf of Mexico locations—Water level is difficult to predict because the Gulf, being large, relatively shallow, and with a small tidal range, is greatly influenced by weather conditions.

# Table 8. - TIDE PREDICTION ACCURACY

| | | | 90% Distribution Level | | | | Standard Deviation of Dif-ferences | | | | Average Differences | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Time Differences | | Height Differences | | Times | | Heights | | Times | | Heights | |
| Station ID | Station Name | Year | High Water (Hours) | Low Water (Hours) | High Water (Feet) | Low Water (Feet) | High Water (Hours) | Low Water (Hours) | High Water (Feet) | Low Water (Feet) | High Water (Hours) | Low Water (Hours) | High Water (Feet) | Low Water (Feet) |
| 841-0140 | Eastport, ME | 1998 | 0.2 | 0.2 | 0.7 | 0.6 | 0.09 | 0.11 | 0.41 | 0.40 | -0.07 | -0.10 | -0.08 | -0.10 |
| 841-8150 | Portland, ME | 1998 | 0.3 | 0.2 | 0.6 | 0.6 | 0.14 | 0.13 | 0.40 | 0.39 | -0.10 | -0.07 | -0.11 | 0.06 |
| 844-3970 | Boston, MA | 1998 | 0.3 | 0.3 | 0.8 | 0.7 | 0.14 | 0.14 | 0.49 | 0.48 | -0.10 | -0.10 | -0.10 | -0.09 |
| 844-7930 | Woods Hole, MA | 2003 | 0.5 | >1.0 | 0.7 | 0.7 | 0.48 | 0.77 | 0.43 | 0.40 | -0.03 | 0.01 | -0.02 | -0.01 |
| 844-9130 | Nantucket,Ma | 2003 | 0.3 | 0.3 | 0.6 | 0.6 | 0.23 | 0.21 | 0.40 | 0.39 | -0.03 | 0.03 | -0.03 | 0.03 |
| 845-2660 | Newport, RI | 1997 | 0.3 | 0.6 | 0.7 | 0.7 | 0.19 | 0.14 | 0.41 | 0.40 | -0.06 | -0.04 | -0.07 | -0.05 |
| 846-1490 | New London, CT | 1998 | 0.4 | 0.3 | 0.7 | 0.7 | 0.25 | 0.22 | 0.47 | 0.47 | -0.11 | -0.08 | -0.10 | -0.09 |
| 846-7150 | Bridgeport, CT | 1998 | 0.3 | 0.3 | 0.8 | 0.8 | 0.13 | 0.13 | 0.55 | 0.56 | -0.12 | -0.15 | -0.11 | -0.16 |
| 841-6945 | Kings Point, NY | 1999 | 0.9 | >1.0 | 0.8 | 0.8 | 0.59 | 0.54 | 0.55 | 0.56 | -0.12 | -0.15 | -0.11 | -0.16 |
| 851-8750 | The Battery, NY | 2003 | 0.6 | 0.5 | 0.9 | 0.9 | 0.37 | 0.31 | 0.59 | 0.60 | -0.07 | -0.06 | 0.03 | -0.02 |
| 853-1680 | Sandy Hook, NJ | 2002 | 0.4 | 0.4 | 0.8 | 0.9 | 0.25 | 0.25 | 0.51 | 0.54 | -0.13 | -0.12 | 0.19 | 0.21 |
| 853-4720 | Atlantic City, NJ | 2000 | 0.3 | 0.4 | 0.9 | 0.9 | 0.24 | 0.24 | 0.57 | 0.57 | -0.02 | -0.01 | 0.02 | -0.02 |
| 854-5530 | Philadelphia, PA | 1989 | 0.5 | 0.6 | 1.0 | 1.0 | 0.30 | 0.36 | 0.72 | 0.65 | 0.14 | 0.11 | -0.12 | 0.28 |
| 855-1910 | Reedy Point, DE | 2002 | 0.5 | 0.7 | 0.9 | 0.9 | 0.23 | 0.31 | 0.55 | 0.56 | -0.18 | -0.35 | 0.09 | -0.02 |
| 855-7380 | Breakwater Harbor, DE | 1998 | 0.3 | 0.3 | 0.9 | 0.9 | 0.18 | 0.18 | 0.62 | 0.68 | -0.06 | -0.03 | -0.03 | -0.01 |
| 857-4680 | Baltimore, MD | 1998 | 0.8 | 1.0 | 1.0 | 1.0 | 1.38 | 1.43 | 0.64 | 0.62 | -0.21 | -0.09 | -0.21 | -0.11 |
| 859-4900 | Washington, DC | 1998 | 0.5 | 0.8 | 1.0 | 1.0 | 0.33 | 0.48 | 0.73 | 0.83 | -0.05 | -0.19 | -0.03 | -0.23 |
| 863-8863 | Chesapeake Bay Bri Tunnel | 2002 | 0.3 | 0.4 | 0.8 | 0.8 | 0.25 | 0.27 | 0.50 | 0.52 | -0.06 | -0.08 | -0.07 | -0.08 |
| 863-8610 | Hampton Roads, VA | 1995 | 0.4 | 0.4 | 0.8 | 0.9 | 0.27 | 0.25 | 0.51 | 0.56 | 0.07 | 0.05 | 0.03 | -0.01 |
| 865-8120 | Wilmington, NC | 2003 | 0.5 | 0.5 | 0.6 | 0.8 | 0.34 | 0.29 | 0.38 | 0.46 | -0.01 | -0.08 | 0.11 | 0.16 |
| 8661070 | Myrtle Beach, SC | 2003 | 0.4 | 0.4 | 0.8 | 0.8 | 0.28 | 0.29 | 0.48 | 0.50 | 0.00 | 0.01 | 0.00 | 0.00 |
| 866-5530 | Charleston, SC | 2000 | 0.4 | 0.4 | 0.6 | 0.7 | 0.19 | 0.20 | 0.42 | 0.47 | 0.14 | -0.10 | 0.05 | -0.02 |
| 867-0870 | Savannah R. Ent., GA | 1995 | 0.3 | 0.3 | 0.7 | 0.9 | 0.21 | 0.19 | 0.47 | 0.58 | -0.01 | -0.07 | 0.05 | 0.03 |
| 872-0030 | Fernandina Beach, FL | 1995 | 0.2 | 0.3 | 0.9 | 0.9 | 0.15 | 0.19 | 0.48 | 0.56 | -0.02 | 0.06 | 0.33 | 0.30 |
| 872-0218 | Mayport, FL | 2003 | 0.2 | 0.3 | 0.6 | 0.8 | 0.14 | 0.21 | 0.41 | 0.51 | -0.04 | 0.01 | -0.02 | 0.01 |
| 872-3178 | Miami, Government Cut, FL | 1985 | 0.3 | 0.3 | 0.4 | 0.4 | 0.18 | 0.17 | 0.25 | 0.24 | -0.07 | 0.01 | -0.02 | -0.01 |
| 872-4580 | Key West, FL | 2000 | 0.5 | 0.4 | 0.3 | 0.3 | 0.29 | 0.25 | 0.19 | 0.20 | -0.18 | -0.06 | -0.15 | -0.10 |
| 872-6520 | St. Petersburg, FL | 2003 | 0.7 | 0.7 | 0.6 | 0.5 | 0.56 | 0.44 | 0.38 | 0.34 | 0.07 | 0.00 | 0.01 | 0.2 |
| 872-9840 | Pensacola, FL | 1995 | >1.0 | >1.0 | 0.6 | 0.9 | 2.61 | 2.72 | 0.48 | 0.41 | 0.04 | 0.10 | -0.04 | 0.07 |
| 873-7048 | Mobile, AL | 1984 | >1.0 | >1.0 | 0.8 | 0.7 | 2.56 | 2.49 | 0.48 | 0.45 | 0.05 | -0.09 | -0.05 | 0.04 |
| 876-1724 | Grand Isle, LA | 2003 | >1.0 | >1.0 | 0.5 | 0.5 | 1.21 | 1.22 | 0.30 | 0.30 | -0.24 | -0.33 | 0.00 | 0.00 |
| 877-1450 | Galveston, TX | 1995 | >1.0 | >1.0 | 0.7 | 0.8 | 1.29 | 1.25 | 0.50 | 0.54 | -0.15 | -0.12 | -0.03 | 0.00 |

# TABLE 9.— LOWEST/ HIGHEST ASTRONOMICAL TIDE AND OTHER TIDAL DATUMS

## Explanation of table

Lowest Astronomical Tide (LAT) and Highest Astronomical Tide (HAT) are the lowest and highest predicted values for the tides at a given location over a 19 year period. These values were calculated by generating tide predictions for the time period of the latest National Tidal Datum Epoch (1983-2001) using the latest set of tidal harmonic constituents. The highest and lowest values predicted were recorded to the nearest 0.1 foot. It is important to note that the LAT and HAT values are derived solely from predicted tides based on astronomical forces. Observed water levels can be above the HAT level or below the LAT level due to storms, winds, or other meteorological effects which are not accounted for in the tide predictions.

## Table Legend

Station - Each water level station in the United States and its territories has a unique seven digit identification number (ID). The ID is unrelated to the four digit indexing number used in the published prediction tables.

LAT - Lowest Astronomical Tide - The lowest predicted tidal level

MLLW - Mean Lower Low Water

MLW - Mean Low Water

MHW - Mean High Water

MHHW - Mean Higher High Water

HAT - Highest Astronomical Tide - The highest predicted tidal level

## Notes

All elevations are provided in feet relative to Mean Lower Low Water (MLLW), the reference datum for tide predictions and soundings on NOAA nautical charts. The other tidal datums (Mean Low Water, Mean High Water, and Mean Higher High Water) in this table are included to provide additional information.

# TABLE 9.— LOWEST/ HIGHEST ASTRONOMICAL TIDE AND OTHER TIDAL DATUMS RELATIVE TO MLLW (feet)

| Station | Name | LAT | MLW | MHW | MHHW | HAT |
|---|---|---|---|---|---|---|
| 8410140 | Eastport, Maine | -3.4 | 0.4 | 18.8 | 19.3 | 22.9 |
| 8413320 | Bar Harbor, Maine | -2.2 | 0.4 | 10.9 | 11.4 | 13.7 |
| 8418150 | Portland, Maine | -2.0 | 0.3 | 9.5 | 9.9 | 11.9 |
| 8443970 | Boston, Massachusetts | -2.2 | 0.3 | 9.8 | 10.3 | 12.4 |
| 8449130 | Nantucket Island, Massachusetts | -0.8 | 0.2 | 3.2 | 3.6 | 4.5 |
| 8447930 | Woods Hole, Massachusetts | -0.7 | 0.1 | 1.9 | 2.2 | 3.2 |
| 8452660 | Newport, Rhode Island | -1.0 | 0.1 | 3.6 | 3.9 | 5.2 |
| 8510560 | Montauk, Fort Pond, New York | -0.9 | 0.2 | 2.2 | 2.5 | 3.5 |
| 8461490 | New London, Connecticut | -0.8 | 0.2 | 2.8 | 3.1 | 3.9 |
| 8467150 | Bridgeport, Connecticut | -1.4 | 0.2 | 7.0 | 7.3 | 8.8 |
| 8516945 | Kings Point, New York | -1.5 | 0.3 | 7.4 | 7.8 | 9.7 |
| 8518750 | New York (The Battery), New York | -1.5 | 0.2 | 4.7 | 5.1 | 6.4 |
| 8519483 | Bayonne Bridge, New York | -1.6 | 0.2 | 5.2 | 5.5 | 6.9 |
| 8518995 | Albany, New York | -1.1 | 0.2 | 5.1 | 5.5 | 6.3 |
| 8531680 | Sandy Hook, New Jersey | -1.4 | 0.2 | 4.9 | 5.2 | 6.6 |
| 8534720 | Atlantic City, New Jersey | -1.3 | 0.2 | 4.2 | 4.6 | 5.8 |
| 8557380 | Breakwater Harbor, Delaware | -1.1 | 0.2 | 4.2 | 4.7 | 5.8 |
| 8551910 | Reedy Point, Delaware | -1.0 | 0.2 | 5.5 | 5.8 | 6.9 |
| 8545530 | Philadelphia, Pennsylvania | -0.6 | 0.2 | 6.4 | 6.8 | 8.0 |
| 8570280 | Ocean City, Maryland | -1.2 | 0.2 | 3.5 | 3.9 | 5.1 |
| 8574680 | Baltimore, Maryland | -0.6 | 0.2 | 1.4 | 1.7 | 2.3 |
| 8594900 | Washington, DC | -0.6 | 0.2 | 2.9 | 3.2 | 3.8 |
| 8638863 | Chesapeake Bay Bridge Tunnel, Virginia | -0.9 | 0.1 | 2.7 | 2.9 | 4.0 |
| 8638610 | Hampton Roads, Sewells Point, Virginia | -0.7 | 0.1 | 2.6 | 2.8 | 3.6 |
| 8651370 | Duck Pier, North Carolina | -1.0 | 0.1 | 3.4 | 3.7 | 4.9 |
| 8652587 | Oregon Inlet Marina, North Carolina | -0.2 | 0.1 | 1.0 | 1.2 | 1.7 |
| 8654400 | Cape Hatteras, North Carolina | -1.0 | 0.1 | 3.1 | 3.5 | 4.7 |
| 8658120 | Wilmington, North Carolina | -0.4 | 0.2 | 4.4 | 4.7 | 5.4 |
| 8661070 | Myrtle Beach, South Carolina | -1.5 | 0.2 | 5.2 | 5.6 | 7.2 |
| 8665530 | Charleston, South Carolina | -1.5 | 0.2 | 5.4 | 5.8 | 7.3 |
| 8670870 | Savannah River Entrance, Georgia | -1.7 | 0.2 | 7.1 | 7.5 | 9.2 |
| 8670681 | Savannah, Georgia | -1.9 | 0.3 | 8.1 | 8.6 | 10.1 |
| 8720030 | Fernandina Beach, Florida | -1.7 | 0.2 | 6.2 | 6.6 | 8.2 |
| 8720218 | Mayport, Florida | -1.6 | 0.2 | 4.7 | 5.0 | 6.4 |
| 8721604 | Port Canaveral, Florida | -1.2 | 0.2 | 3.6 | 4.0 | 5.4 |
| 8723178 | Miami, Government Cut, Florida | -0.9 | 0.1 | 2.5 | 2.5 | 3.6 |
| 8723970 | Vaca Key, Florida | -0.5 | 0.2 | 0.9 | 1.0 | 1.7 |
| 8724580 | Key West, Florida | -0.8 | 0.2 | 1.5 | 1.8 | 2.6 |
| 8725110 | Naples, Florida | -1.4 | 0.6 | 2.6 | 2.9 | 3.8 |
| 8726520 | St. Petersburg, Florida | -1.1 | 0.4 | 2.0 | 2.3 | 3.1 |
| 8727520 | Cedar Key, Florida | -1.4 | 0.6 | 3.5 | 3.8 | 4.8 |
| 8728130 | St. Marks River Entrance, Florida | -1.6 | 0.6 | 3.3 | 3.5 | 4.5 |
| 8728690 | Apalachicola, Florida | -1.0 | 0.4 | 1.5 | 1.6 | 2.1 |
| 8729840 | Pensacola, Florida | -1.2 | 0.0 | 1.2 | 1.3 | 2.2 |
| 8735180 | Dauphin Island, Alabama | -1.0 | 0.0 | 1.2 | 1.2 | 2.0 |
| 8737048 | Mobile, Alabama | -1.2 | 0.1 | 1.5 | 1.6 | 2.4 |
| 8760551 | South Pass, Louisiana | -1.2 | 0.0 | 1.2 | 1.2 | 2.2 |
| 8761724 | Grand Isle, Louisiana | -0.9 | 0.0 | 1.1 | 1.1 | 1.8 |
| 8771450 | Galveston, Texas | -1.2 | 0.3 | 1.3 | 1.4 | 2.0 |
| 8773701 | Port O'Connor, Texas | -0.9 | 0.0 | 0.8 | 0.8 | 1.7 |
| 8779750 | Padre Island, Texas | -1.5 | 0.2 | 1.4 | 1.5 | 2.4 |
| 2695540 | Bermuda Esso Pier, Bermuda | -0.8 | 0.1 | 2.6 | 2.9 | 3.9 |
| 9710441 | Settlement Point, Grand Bahamas Island | -0.8 | 0.1 | 2.8 | 3.1 | 4.1 |
| 9759110 | Magueyes Island, Puerto Rico | -0.5 | 0.0 | 0.7 | 0.7 | 1.1 |
| 9755371 | San Juan, Puerto Rico | -0.6 | 0.2 | 1.3 | 1.6 | 2.2 |
| 9751639 | Charlotte Amalie, St. Thomas Island | -0.5 | 0.0 | 0.7 | 0.8 | 1.2 |
| 9751401 | Lime Tree Bay, St. Croix Island | -0.5 | 0.0 | 0.7 | 0.7 | 1.1 |

# PUBLICATIONS RELATING TO TIDES AND TIDAL CURRENTS

## TIDE TABLES

Advance information relative to the rise and fall of the tide is given in annual tide tables. These tables include the predicted times and heights of high and low waters for every day in the year for a number of reference stations and differences for obtaining similar predictions for numerous other places.

Tide Tables, Central and Western Pacific Ocean and Indian Ocean.
Tide Tables, East Coast of North and South America (Including Greenland).
Tide Tables, Europe and West Coast of Africa (Including the Mediterranean Sea).
Tide Tables, West Coast of North and South America (Including the Hawaiian Islands).

## TIDAL CURRENT TABLES

Accompanying the rise and fall of the tide is a periodic horizontal flow of the water known as the tidal current. Advance information relative to these currents is made available in annual tidal current tables which include daily predictions of the times of slack water and the times and velocities of strength of flood and ebb currents for a number of waterways together with differences for obtaining predictions for numerous other places.

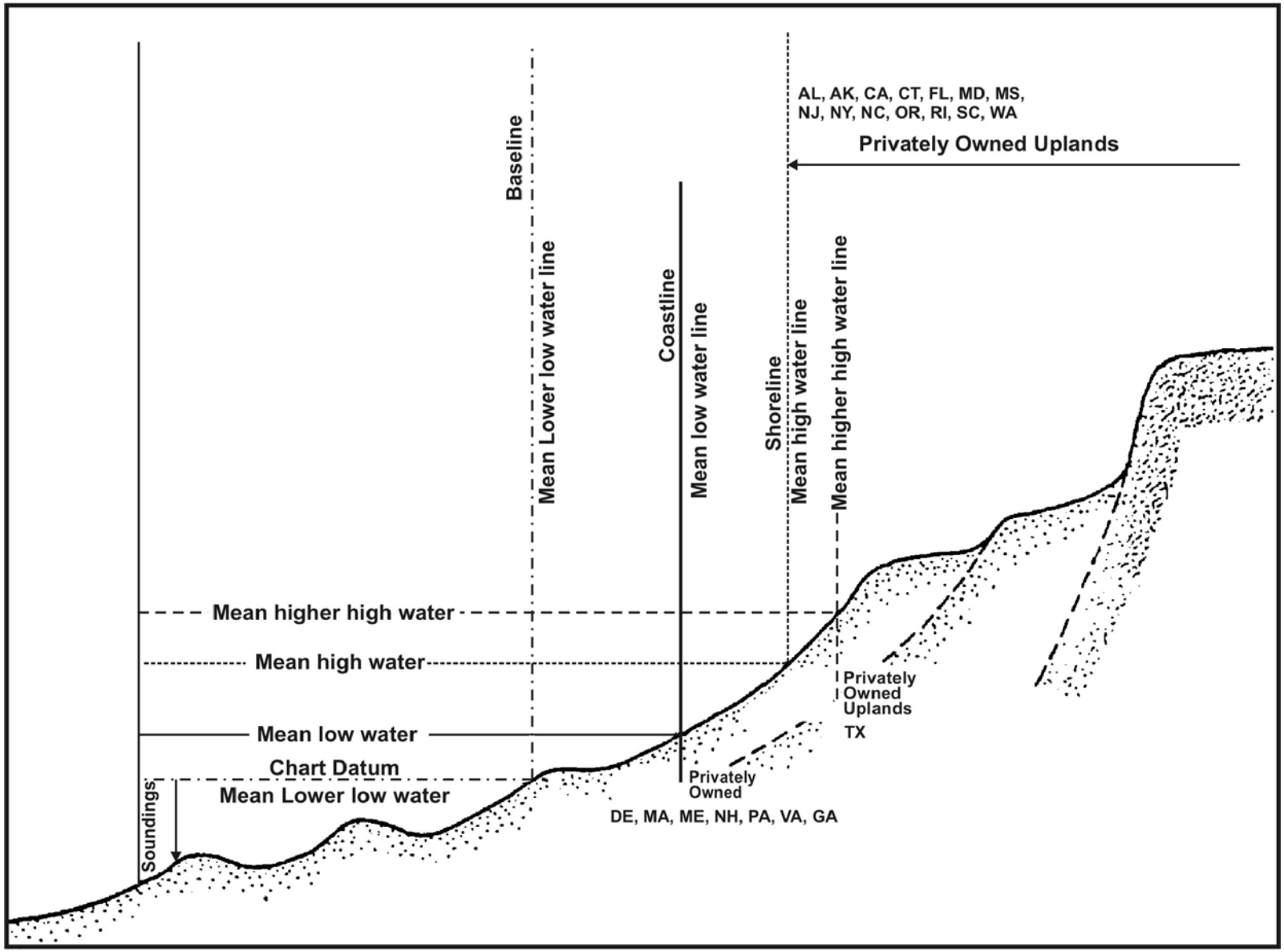
Tidal Current Tables, Atlantic Coast of North America.
Tidal Current Tables, Pacific Coast of North America and Asia.

## TIDAL CIRCULATION AND WATER LEVEL FORECAST ATLAS

This atlas series provides a composite view of the total tidal phenomenon for major estuaries of the United States. Twelve pairs of hourly charts are used to depict the information. The first of each pair presents contours of mean tidal height throughout the specified estuary. Inserts and a vertical section provide additional tidal information. The second chart presents the speed and direction of the tidal current throughout the area. Corange, cotidal, cospeed, and cophase charts are shown in the following section. Finally, daily tide predictions are provided for important locations, in tabular form, for several years in advance.

Tidal Circulation and Water Level Forecast Atlas, Delaware River and Bay.

# OFFICIAL U.S. DATUMS



# GLOSSARY OF TERMS

ANNUAL INEQUALITY—Seasonal variation in the water level or current, more or less periodic, due chiefly to meteorological causes.

APOGEAN TIDES OR TIDAL CURRENTS—Tides of decreased range or currents of decreased speed occurring monthly as the result of the Moon being in apogee (farthest from the Earth).

AUTOMATIC TIDE GAGE—An instrument that automatically registers the rise and fall of the tide. In some instruments, the registration is accomplished by recording the heights at regular intervals in digital format, in others by a continuous graph in which the height versus corresponding time of the tide is recorded.

BENCH MARK (BM)—A fixed physical object or marks used as reference for a vertical datum. A *tidal bench mark is* one near a tide station to which the tide staff and tidal datums are referred. A *Geodetic bench mark* identifies a surveyed point in the National Geodetic Vertical Network.

CHART DATUM—The tidal datum to which soundings on a chart are referred. It is usually taken to correspond to low water elevation of the tide, and its depression below mean sea level is represented by the symbol Zo.

CURRENT—Generally, a horizontal movement of water. Currents may be classified as *tidal* and *nontidal*. Tidal currents are caused by gravitational interactions between the Sun, Moon, and Earth and are a part of the same general movement of the sea that is manifested in the vertical rise and fall, called *tide*. Nontidal currents include the permanent currents in the general circulatory systems of the sea as well as temporary currents arising from more pronounced meteorological variability.

CURRENT DIFFERENCE—Difference between the time of slack water (or minimum current) or strength of current in any locality and the time of the corresponding phase of the tidal current at a reference station, for which predictions are given in the *Tidal Current Tables*.

CURRENT ELLIPSE—A graphic representation of a rotary current in which the velocity of the current at different hours of the tidal cycle is represented by radius vectors and vectorial angles. A line joining the extremities of the radius vectors will form a curve roughly approximating an ellipse. The cycle is completed in one-half tidal day or in a whole tidal day according to whether the tidal current is of the semidiurnal or the diurnal type. A current of the mixed type will give a curve of two unequal loops each tidal day.

CURRENT METER—An instrument for measuring the speed and direction or just the speed of a current. The measurements are usually Eulerian since the meter is most often fixed or moored at a specific location.

DATUM (vertical)—For marine applications, a base elevation used as a reference from which to reckon heights or depths. It is called a *tidal datum* when defined by a certain phase of the tide. Tidal datums are local datums and should not be extended into areas which have differing topographic features without substantiating measurements. In order that they may be recovered when needed, such datums are referenced to fixed points known as *bench marks.*

DAYLIGHT SAVING TIME—A time used during the summer in some localities in which clocks are advanced 1 hour from the usual standard time.

DIURNAL—Having a period or cycle of approximately 1 tidal day. Thus, the tide is said to be diurnal when only one high water and one low water occur during a tidal day, and the tidal current is said to be diurnal when there is a single flood and single ebb period in the tidal day. A rotary current is diurnal if it changes its direction through all points of the compass once each tidal day.

DIURNAL INEQUALITY—The difference in height of the two high waters or of the two low waters of each day; also the difference in speed between the two flood tidal currents or the two ebb tidal currents of each day. The difference changes with the declination of the Moon and to a lesser extent with the declination of the Sun. In general, the inequality tends to increase with an increasing declination, either north or south, and to diminish as the Moon approaches the Equator. *Mean diurnal high water inequality* (DHQ) is one-half the average difference between the two high waters of each day observed over a specific 19-year Metonic cycle (the National Tidal Datum Epoch). It is obtained by subtracting the mean of all high waters from the mean of the higher high waters. *Mean diurnal low water inequality* (DLQ) is one-half the average difference between the two low waters of each day observed over a specific 19-year Metonic cycle (the National Tidal Datum Epoch). It is obtained by subtracting the mean of the lower low waters from the mean of all low waters. *Tropic high water inequality* (HWQ) is the average difference between the two high waters of the day at the times of the tropic tides. *Tropic low water inequality* (LWQ) is the average difference between the two low waters of the day at the times of the tropic tides. Mean and tropic inequalities as

defined above are applicable only when the type of tide is either semidiurnal or mixed. Diurnal inequality is sometimes called *declinational inequality.*

DOUBLE EBB—An ebb tidal current where, after ebb begins, the speed increases to a maximum called *first ebb*; it then decreases, reaching a *minimum ebb* near the middle of the ebb period (and at some places it may actually run in a flood direction for a short period); it then again ebbs to a maximum speed called second ebb after which it decreases to slack water.

DOUBLE FLOOD—A flood tidal current where, after flood begins, the speed increases to a maximum called first flood; it then decreases, reaching a minimum flood near the middle of the flood period (and at some places it may actually run in an ebb direction for a short period); it then again floods to a maximum speed called second flood after which it decreases to slack water.

DOUBLE TIDE—A double-headed tide, that is, a high water consisting of two maxima of nearly the same height separated by a relatively small depression, or a low water consisting of two minima separated by a relatively small elevation. Sometimes, it is called an agger.

DURATION OF FLOOD AND DURATION OF EBB—Duration of flood is the interval of time in which a tidal current is flooding, and the *duration of ebb* is the interval in which it is ebbing. Together they cover, on an average, a period of 12.42 hours for a semidiurnal tidal current or a period of 24.84 hours for a diurnal current. In a normal semidiurnal tidal current, the duration of flood and duration of ebb will each be approximately equal to 6.21 hours, but the times may be modified greatly by the presence of a nontidal flow. In a river the duration of ebb is usually longer than the duration of flood because of the freshwater discharge, especially during the spring when snow and ice melt are the predominant influences.

DURATION OF RISE AND DURATION OF FALL—*Duration of rise* is the interval from low water to high water, and *duration of fall* is the interval from high water to low water. Together they cover, on an average, a period of 12.42 hours for a semidiurnal tide or a period of 24.84 hours for a diurnal tide. In a normal semidiurnal tide, the duration of rise and duration of fall will each be approximately equal to 6.21 hours, but in shallow waters and in rivers there is a tendency for a decrease in the duration of rise and a corresponding increase in the duration of fall.

EBB CURRENT—The movement of a tidal current away from shore or down a tidal river or estuary. In the mixed type of reversing tidal current, the terms *greater ebb* and *lesser ebb* are applied respectively to the ebb tidal currents of greater and lesser speed of each day. The terms *maximum ebb* and *minimum ebb* are applied to the maximum and minimum speeds of a current running continuously ebb, the speed alternately increasing and decreasing without coming to a slack or reversing. The expression maximum ebb is also applicable to any ebb current at the time of greatest speed.

EQUATORIAL TIDAL CURRENTS—Tidal currents occurring semimonthly as a result of the Moon being over the Equator. At these times the tendency of the Moon to produce a diurnal inequality in the tidal current is at a minimum.

EQUATORIAL TIDES—Tides occurring semi monthly as the result of the Moon being over the Equator. At these times the tendency of the Moon to produce a diurnal inequality in the tide is at a minimum.

FLOOD CURRENT—The movement of a tidal current toward the shore or up a tidal river or estuary. In the mixed type of reversing current, the terms *greater flood* and *lesser flood* are applied respectively to the flood currents of greater and lesser speed of each day. The terms *maximum flood* and *minimum flood* are applied to the maximum and minimum speeds of a flood current, the speed of which alternately increases and decreases without coming to a slack or reversing. The expression maximum flood is also applicable to any flood current at the time of greatest speed.

GREAT DIURNAL RANGE (Gt)—The difference in height between mean higher high water and mean lower low water. The expression may also be used in its contracted form, *diurnal range*.

GREENWICH INTERVAL—An interval referred to the transit of the Moon over the meridian of Greenwich as distinguished from the local interval which is referred to the Moon's transit over the local meri-dian. The relation in hours between Greenwich and local intervals may be expressed by the formula:

Greenwich interval = local interval +0.069 L

where L is the west longitude of the local meridian in degrees. For east longitude, L is to be considered negative.

GULF COAST LOW WATER DATUM—A chart datum. Specifically, the tidal datum formerly designated for the coastal waters of the Gulf Coast of the United States. It was defined as *mean lower low water* when the type of tide was mixed and *mean low water* when the type of tide was diurnal.

HALF-TIDE LEVEL—See *mean tide level*.

HARMONIC ANALYSIS—The mathematical process by which the observed tide or tidal current at any place is separated into basic harmonic constituents.

HARMONIC CONSTANTS—The amplitudes and epochs of the harmonic constituents of the tide or tidal current at any place.

HARMONIC CONSTITUENT—One of the harmonic elements in a mathematical expression for the tide-producing force and in corresponding formulas for the tide or tidal current. Each constituent represents a periodic change or variation in the relative positions of the Earth, Moon, and Sun. A single constituent is usually written in the form $y=A \cos (at+\alpha)$, in which y is a function of time as expressed by the symbol t and is reckoned from a specific origin. The coefficient A is called the amplitude of the constituent and is a measure of its relative importance. The angle $(at+\alpha)$ changes uniformly and its value at any time is called the phase of the constituent. The speed of the constituent is the rate of change in its phase and is represented by the symbol a in the formula. The quantity $\alpha$ is the phase of the constituent at the initial instant from which the time is reckoned. The period of the constituent is the time required for the phase to change through 360° and is the cycle of the astronomical condition represented by the constituent.

HIGH WATER (HW)—The maximum height reached by a rising tide. The height may be due solely to the periodic tidal forces or it may have superimposed upon it the effects of prevailing meteorological conditions. Use of the synonymous term, *high tide*, is discouraged.

HIGHER HIGH WATER (HHW)—The higher of the two high waters of any tidal day.

HIGHER LOW WATER (HLW)—The higher of the two low waters of any tidal day.

HYDRAULIC CURRENT—A current in a channel caused by a difference in the surface level at the two ends. Such a current may be expected in a strait connecting two bodies of water in which the tides differ in time or range. The current in the East River, N.Y., connecting Long Island Sound and New York Harbor, is an example.

KNOT—A unit of speed, one international nautical mile (1,852.0 meters or 6,076.11549 international feet) per hour.

LOW WATER (LW)—The minimum height reached by a falling tide. The height may be due solely to the periodic tidal forces or it may have superimposed upon it the effects of meteorological conditions. Use of the synonymous term, *low tide*, is discouraged.

LOWER HIGH WATER (LHW)—The lower of the two high waters of any tidal day.

LOWER LOW WATER (LLW)—The lower of the two low waters of any tidal day.

LUNAR DAY—The time of the rotation of the Earth with respect to the Moon, or the interval between two successive upper transits of the Moon over the meridian of a place. The mean lunar day is approximately 24.84 solar hours long, or 1.035 times as long as the mean solar day.

LUNAR INTERVAL—The difference in time between the transit of the Moon over the meridian of Greenwich and over a local meridian. The average value of this interval expressed in hours is 0.069 L, in which L is the local longitude in degrees, positive for west longitude and negative for east longitude. The lunar interval equals the difference between the local and Greenwich interval of a tide or current phase.

LUNICURRENT INTERVAL—The interval between the Moon's transit (upper or lower) over the local or Greenwich meridian and a specified phase of the tidal current following the transit. Examples: *strength of flood interval and strength of ebb interval,* which may be abbreviated to *flood interval and ebb interval,* respectively. The interval is described as local or Greenwich according to whether the reference is to the Moon's transit over the local or Greenwich meridian. When not otherwise specified, the reference is assumed to be local.

LUNITIDAL INTERVAL—The interval between the Moon's transit (upper or lower) over the local or Greenwich meridian and the following high or low water. The average of all high water intervals for all phases of the Moon is known as *mean high water lunitidal interval* and is abbreviated to high water interval (HWI). Similarly the *mean low water lunitidal interval* is abbreviated to *low water interval* (LWI). The interval is described as local or Greenwich according to whether the reference is to the transit over the local or Greenwich meridian. When not otherwise specified, the reference is assumed to be local.

MEAN HIGH WATER (MHW)—A tidal datum. The arithmetic mean of the high water heights observed over a specific 19-year Metonic cycle (the National Tidal Datum Epoch). For stations with shorter series, simultaneous observational comparisons are made with a primary control tide station in order to derive the equivalent of a l9-year value.

MEAN HIGHER HIGH WATER (MHHW)—A tidal datum. The arithmetic mean of the higher high water heights of a mixed tide observed over a specific l9-year Metonic cycle (the National Tidal Datum Epoch). Only the higher high water of each pair of high waters, or the only high water of a tidal day is included in the mean.

MEAN HIGHER HIGH WATER LINE (MHHWL)—The intersection of the land with the water surface at the elevation of mean higher high water.

MEAN LOW WATER (MLW)—A tidal datum. The arithmetic mean of the low water heights observed over a specific l9-year Metonic cycle (the National Tidal Datum Epoch). For stations with shorter series, simultaneous observational comparisons are made with a primary control tide station in order to derive the equivalent of a l9-year value.

MEAN LOW WATER SPRINGS (MLWS)—A tidal datum. Frequently abbreviated *spring low water.* The arithmetic mean of the low water heights occurring at the time of the spring tides observed over a specific l9-year Metonic cycle (the National Tidal Datum Epoch).

MEAN LOWER LOW WATER (MLLW)—A tidal datum. The arithmetic mean of the lower low water heights of a mixed tide observed over a specific l9-year Metonic cycle (the National Tidal Datum Epoch). Only the lower low water of each pair of low waters, or the only low water of a tidal day is included in the mean.

MEAN RANGE OF TIDE (Mn)—The difference in height between mean high water and mean low water.

MEAN RIVER LEVEL—A tidal datum. The average height of the surface of a tidal river at any point for all stages of the tide observed over a l9-year Metonic cycle (the National Tidal Datum Epoch), usually determined from hourly height readings. In rivers subject to occasional freshets the river level may undergo wide variations, and for practical purposes certain months of the year may be excluded in the determination of tidal datums. For charting purposes, tidal datums for rivers are usually based on observations during selected periods when the river is at or near low water stage.

MEAN SEA LEVEL (MSL)—A tidal datum. The arithmetic mean of hourly water elevations observed over a specific l9-year Metonic cycle (the National Tidal Datum Epoch). Shorter series are specified in the name; e.g., monthly mean sea level and yearly mean sea level.

MEAN TIDE LEVEL (MTL)—Also called half-tide level. A tidal datum midway between mean high water and mean low water.

MIXED TIDE—Type of tide with a large inequality in the high and/or low water heights, with two high waters and two low waters usually occurring each tidal day. In strictness, all tides are mixed but the name is usually applied to the tides intermediate to those predominantly semidiurnal and those predominantly diurnal.

NATIONAL TIDAL DATUM EPOCH—The specific 19-year period adopted by the National Ocean Service as the official time segment over which tide observations are taken and reduced to obtain mean values ( e.g., mean lower low water, etc.) for tidal datums. It is necessary for standardization because of periodic and apparent secular trends in sea level. The present National Tidal Datum Epoch is 1960 through 1978. It is reviewed annually for possible revision and must be actively considered for revision every 25 years.

NEAP TIDES OR TIDAL CURRENTS—Tides of decreased range or tidal currents of decreased speed occurring semimonthly as the result of the Moon being in quadrature. The *neap range* (Np) of the tide is the average semidiurnal range occurring at the time of neap tides and is most conveniently computed from the harmonic constants. It is smaller than the mean range where the type of tide is either semidiurnal or mixed and is of no practical significance where the type of tide is diurnal. The average height of the high waters of the neap tides is called *neap high water* or *high water neaps* (MHWN) and the average height of the corresponding low waters is called neap low water or low water neaps (MLWN).

PERIGEAN TIDES OR TIDAL CURRENTS—Tides of increased range or tidal currents of increased speed occurring monthly as the result of the Moon being in perigee or nearest the Earth. The *perigean range* (Pn) of tide is the average semidiurnal range occurring at the time of perigean tides and is most conveniently computed from the harmonic constants. It is larger than the mean range where the type of tide is either semidiurnal or mixed, and is of no practical significance where the type of tide is diurnal.

RANGE OF TIDE—The difference in height between consecutive high and low waters, the *mean range* is the difference in height between mean high water and mean low water. Where the type of tide is diurnal the mean range is the same as the diurnal range.

For other ranges, see great diurnal, spring, neap, perigean, apogean, and tropic tides.

REFERENCE STATION—A tide or current station for which independent daily predictions are given in the *Tide Tables and Tidal Current Tables,* and from which corresponding predictions are obtained for subordinate stations by means of differences and ratios.

REVERSING CURRENT—A tidal current which flows alternately in approximately opposite directions with a slack water at each reversal of direction. Currents of this type usually occur in rivers and straits where the direction of flow is more or less restricted to certain channels. When the movement is towards the shore or up a stream, the current is said to be flooding, and when in the opposite direction it is said to be ebbing. The combined flood and ebb movement including the slack water covers, on an average, 12.42 hours for the semidiurnal current. If unaffected by a nontidal flow, the flood and ebb movements will each last about 6 hours, but when combined with such a flow, the durations of flood and ebb may be quite unequal. During the flow in each direction the speed of the current will vary from zero at the time of slack water to a maximum about midway between the slacks.

ROTARY CURRENT—A tidal current that flows continually with the direction of flow changing through all points of the compass during the tidal period. Rotary currents are usually found offshore where the direction of flow is not restricted by any barriers. The tendency for the rotation in direction has its origin in the Coriolis force and, unless modified by local conditions, the change is clockwise in the Northern Hemisphere and counterclockwise in the Southern. The speed of the current usually varies throughout the tidal cycle, passing through the two maxima in approximately opposite directions and the two minima with the direction of the current at approximately 90° from the direction at time of maximum speed.

SEMIDIURNAL—Having a period or cycle of approximately one-half of a tidal day. The predominating type of tide throughout the world is semidiurnal, with two high waters and two low waters each tidal day. The tidal current is said to be semidiurnal when there are two flood and two ebb periods each day.

SET (OF CURRENT)—The direction *towards* which the current flows.

SLACK WATER—The state of a tidal current when its speed is near zero, especially the moment when a reversing current changes direction and its speed is zero. The term is also applied to the entire period of low speed near the time of turning of the current when it is too weak to be of any practical importance in navigation. The relation of the time of slack water to the tidal phases varies in different localities. For standing tidal waves, slack water occurs near the times of high and low water, while for progressive tidal waves, slack water occurs midway between high and low water.

SPRING TIDES OR TIDAL CURRENTS—Tides of increased range or tidal currents of increased speed occurring semimonthly as the result of the Moon being new or full. The *spring range* (Sg) of tide is the average semidiurnal range occurring at the time of spring tides and is most conveniently computed from the harmonic constants. It is larger than the mean range where the type of tide is either semidiurnal or mixed, and is of no practical significance where the type of tide is diurnal. The mean of the high waters of the spring tide is called *spring high water or mean high water springs* (MHWS), and the average height of the corresponding low waters is called *spring low water or mean low water springs* (MLWS).

STAND OF TIDE—Sometimes called a platform tide. An interval at high or low water when there is no sensible change in the height of the tide. The water level is stationary at high and low water for only an instant, but the change in level near these times is so slow that it is not usually perceptible. In general, the duration of the apparent stand will depend upon the range of tide, being longer for a small range than for a large range, but where there is a tendency for a double tide the stand may last for several hours even with a large range of tide.

STANDARD TIME—A kind of time based upon the transit of the Sun over a certain specified meridian, called the *time meridian*, and adopted for use over a considerable area. With a few exceptions, standard time is based upon some meridian which differs by a multiple of 15° from the meridian of Greenwich.

STRENGTH OF CURRENT—Phase of tidal current in which the speed is a maximum; also the speed at this time. Beginning with slack before flood in the period of a reversing tidal current (or minimum before flood in a rotary current), the speed gradually increases to flood strength and then diminishes to slack before ebb (or minimum before ebb in a rotary current), after which the current turns in direction, the speed increases to ebb strength and then diminishes to slack before flood completing the cycle. If it is assumed that the speed throughout the cycle varies as the ordinates of a cosine curve, it can

be shown that the average speed for an entire flood or ebb period is equal to $2/\pi$ or 0.6366 of the speed of the corresponding strength of current.

SUBORDINATE CURRENT STATION—(1) A current station from which a relatively short series of observations is reduced by comparison with simultaneous observations from a control current station. (2) A station listed in the *Tidal Current Tables* for which predictions are to be obtained by means of differences and ratios applied to the full predictions at a reference station .

SUBORDINATE TIDE STATION—(1) A tide station from which a relatively short series of observations is reduced by comparison with simultaneous observations from a tide station with a relatively long series of observations. (2) A station listed in the *Tide Tables* for which predictions are to be obtained by means of differences and ratios applied to the full predictions at a reference station.

TIDAL CURRENT TABLES—Tables which give daily predictions of the times and speeds of the tidal currents. These predictions are usually supplemented by current differences and constants through which additional predictions can be obtained for numerous other places.

TIDAL DIFFERENCE—Difference in time or height of a high or low water at a subordinate station and at a reference station for which predictions are given in the *Tide Tables*. The difference, when applied according to sign to the prediction at the reference station, gives the corresponding time or height for the subordinate station .

TIDE—The periodic rise and fall of the water resulting from gravitational interactions between the Sun, Moon, and Earth. The vertical component of the particulate motion of a tidal wave. Although the accompanying horizontal movement of the water is part of the same phenomenon, it is preferable to designate the motion as tidal current.

TIDE TABLES—Tables which give daily predictions of the times and heights of high and low waters. These predictions are usually supplemented by tidal differences and constants through which additional predictions can be obtained for numerous other places.

TIME MERIDIAN—A meridian used as a reference for time.

TROPIC CURRENTS—Tidal currents occurring semimonthly when the effect of the Moon's maximum declination is greatest. At these times the tendency of the Moon to produce a diurnal inequality in the current is at a maximum.

TROPIC RANGES—The *great tropic range* (Gc), or *tropic range*, is the difference in height between tropic higher high water and tropic lower low water. The *small tropic range* (Sc) is the difference in height between tropic lower high water and tropic higher low water. The *mean tropic range* (Mc) is the mean between the great tropic range and the small tropic range. The small tropic range and the mean tropic range are applicable only when the type of tide is semidiurnal or mixed. Tropic ranges are most conveniently computed from the harmonic constants.

TROPIC TIDES—Tides occurring semimonthly when the effect of the Moon's maximum declination is greatest. At these times there is a tendency for an increase in the diurnal range. The tidal datums pertaining to the tropic tides are designated as *tropic higher high water* (TcHHW), *tropic lower high water* (TcLHW), *tropic higher low water* (TcHLW), and *tropic lower low water* (TcLLW).

TYPE OF TIDE—A classification based on characteristic forms of a tide curve. Qualitatively, when the two high waters and two low waters of each tidal day are approximately equal in height, the tide is said to be *semidiurnal*; when there is a relatively large diurnal inequality in the high or low waters or both, it is said to be *mixed*; and when there is only one high water and one low water in each tidal day, it is said to be *diurnal*.

VANISHING TIDE—In a mixed tide with very large diurnal inequality, the lower high water (or higher low water) frequently becomes indistinct (or vanishes) at time of extreme declinations. During these periods the diurnal tide has such overriding dominance that the semidiurnal tide, although still present, cannot be readily seen on the tide curve.

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| Burwell Bay, Va | 2253 |
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| Cape Charles Harbor, Va. | 1919 |
| Cape Cod, Mass. | 901–907 |
| Cape Cod Bay, Mass. | 881–899 |
| Cape Cod Canal, Mass. | 885–891,967 |
| Cape Columbia, Arctic | 33 |
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| Chance, Md. | 1957 |
| Chandeleur Light, La. | 4237 |
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| Chechessee Bluff, S.C | 2901 |
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| Chesapeake Bay | 1913–2303 |
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| Chesapeake Beach, Md | 2085 |
| Chesapeake City, Md | 1759 |
| Chesconessex Creek, Va | 1927 |
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| Chincoteague Island, Va | 1875–1881 |
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| Chokoloskee, Fla | 3887 |
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| Cohasset Harbor, Mass | 873 |
| Colburn Creek, Md | 1947 |
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| Coles Neck, Va | 2111 |
| College Point, N.Y | 1135 |
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| Colombia | 4633–4645 |
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| Port Jefferson Harbor, N.Y | 1181 |
| Port Kennedy, Arctic | 17 |
| Port Laudania, Fla | 3453 |
| Port Lavaca, Texas | 4369 |
| Port Leopold, Arctic | 21 |
| Port Louis, Falkland Islands | 4951 |
| Port Manatee, Fla | 3979 |
| Port Manvers, Labrador | 177 |
| Port Marnham, Labrador | 203 |
| Port Morant, Jamaica | 4535 |
| Port Morris, N.Y | 1141 |
| Port Nelson, Hudson Bay | 139 |
| Port Newark Terminal, N.J | 1355 |
| Port O'Connor, Texas * (224) | 4367 |
| Port of Spain, Trinidad | 4681 |
| Port Royal Plantation, S.C | 2857 |
| Port Royal, Jamaica | 4537 |
| Port Royal, Va | 2183 |
| Port Royal, Honduras | 4413 |
| Port Royal Sound, S.C | 2857–2885 |
| Port Saint Joe, Fla | 4127 |
| Port Salerno, Fla | 3355 |
| Port Saunders, Newfoundland | 279 |
| Port Tobacco River, Md | 2127 |
| Port Union, Newfoundland | 227 |
| Port Washington, N.Y | 1165 |
| Port Wentworth, Ga | 2971 |
| Portage Island, New Brunswick | 397 |
| Portland Head Light, Maine | 773 |
| Portland, Maine * (36) | 769 |
| Portland Cove, Newfoundland | 277 |
| Porto Belo, Brazil | 4813 |
| Portsmouth, N.H | 805 |
| Portsmouth, Va | 2233 |
| Portsmouth Harbor, Maine and N.H | 795–805 |
| Potomac River, D.C.., Md., Va | 2101–2155 |
| Potts Harbor, Maine | 737 |
| Poughkeepsie, N.Y | 1333 |
| Presumpscot River Bridge, Maine | 759 |
| Price Creek, S.C | 2605 |
| Prince Edward Island | 409–429 |
| Prince Point, Maine | 743 |
| Prince Regent Inlet | 19,21 |
| Princes Bay, N.Y | 1399 |
| Princess Royal Islands, Arctic | 1 |
| Progreso, Mexico | 4403 |
| Prospect Harbor, Maine | 619 |
| Providence, R.I | 1027 |
| Provincetown, Mass | 899 |
| Prudence Island, R.I | 1011 |
| Public Landing, Md | 1887 |
| Puddledock, Va | 2277 |
| Puerto Belgrano, Argentina | 4851 |
| Puerto Cabezas, Nicaragua | 4423 |
| Puerto Castilla, Honuras | 4415 |
| Puerto Colombia, Colombia | 4641 |
| Puerto Cortes, Honduras | 4411 |
| Puerto de Gibara, Cuba | 4493 |
| Puerto de Hierro, Venezuela | 4667 |
| Puerto de Pilon, Cuba | 4511 |
| Puerto de Santiago de Cuba, Cuba | 4509 |
| Puerto Deseado, Argentina | 4923 |
| Puerto Ferro, P.R | 4583 |
| Puerto Ingeniero White * (296), Arg | 4853 |
| Puerto Madryn, Argentina | 4893 |
| Puerto Maunabo, P.R | 4579 |
| Puerto Melo, Argentina | 4913 |
| Puerto Padre, Cuba | 4491 |
| Puerto Piramides, Argentina | 4891 |
| Puerto Plata, Dominican Republic | 4553 |
| Puerto Real, P.R | 4597 |
| Puerto Rico | 4569–4597 |
| Puerto Rosales, Argentina | 4849 |
| Puerto Santa Elena, Argentina | 4905 |
| Puerto San Antonio, Argentina | 4875 |
| Pueyrredon, Argentina | 4879 |
| Pugwash, Nova Scotia | 435 |
| Pulpit Harbor, Maine | 651 |
| Pumpkin Bay, Fla | 3895 |
| Pumpkin Hill Creek, Fla | 3165 |
| Pumpkin Key, Fla | 3527,3787 |
| Pungoteague Creek, Va | 1923 |
| Punta Ancla, Argentina | 4847 |
| Punta Delgada, Argentina | 4887 |
| Punta de Palmas, Venezuela | 4651 |
| Punta Gorda, Belize | 4407 |
| Punta Gorda, Fla | 3951 |
| Punta Gorda, Venezuela * (272) | 4671 |
| Punta Laberinto, Argentina | 4863 |
| Punta Lobos, Argentina | 4861 |
| Punta Loyola, Argentina * (304) | 4937 |
| Punta Maisi, Cuba | 4505 |
| Punta Mulas, P.R | 4585 |
| Punta Ninfas, Argentina | 4889 |
| Punta Norte, Argentina | 4883 |
| Punta Norte del Cabo San Antonio | 4837 |
| Punta Pasacaballos, Cuba | 4517 |
| Punta Pena, Argentina | 4931 |
| Punta Piedras, Argentina | 4835 |
| Punta Quilla, Argnetina | 4933 |
| Punta Rassa, Fla | 3925 |
| Punta Redonda, Argentina | 4871 |
| Purrysburg Landing, Ga | 2977 |


Q


| | |
|---|---|
| Quaco Bay, New Brunswick | 567 |
| Quantico, Va | 2137 |
| Quatre Bayous Pass, La | 4271 |
| Quebec | 285–381 |
| Quebec, Quebec * (16) | 353 |
| Queen Isabella Causeway, Tx | 4381,4383 |
| Queensboro Bridge, N.Y | 1147 |
| Queenstown, Md | 2023 |
| Quequen, Argentina | 4841 |
| Quicks Hole (north side), Mass | 955 |
| Quinby Creek, S.C | 2661 |
| Quinton, N.J | 1737 |


R


| | |
|---|---|
| Rabbit Island, La | 4307 |
| Raccoon Creek, N.J | 1785,1787 |
| Raccoon Ditch, N.J | 1711 |
| Raccoon Key, Fla | 3759 |
| Raccoon Point, La | 4295 |
| Ragged Keys, Fla | 3501 |
| Ragged Point, Va | 2111 |
| Rahway River, RR. Bridge, N.J | 1387 |
| Ramrod Key, Fla | 3721,3753 |
| Ramshorn Creek, S.C | 2933 |
| Rancocas Creek, N.J | 1829–1833 |
| Randalls Island, N.Y | 1159 |
| Random Head Harbour, Newfoundland | 229 |
| Rappahannock River, Va | 2169–2189 |
| Raritan Bay | 1397–1417 |
| Raritan River, N.J | 1401–1409 |
| Rattlesnake Cove, Fla | 4111 |
| Reaves Point, N.C | 2425 |
| Recife, Brazil * (280) | 4753 |
| Red Bank, N.J | 1431 |
| Red Bay, Labrador | 209 |
| Redfish Pass, Fla | 3941 |

| | No. |
|---|---|
| Redfish Point, Fla | 3975 |
| Reed Bay, N.J | 1559 |
| Reedy Point, Del. * (96) | 1753 |
| Refuge Cove, Arctic | 29 |
| Rehoboth Beach, Del | 1855 |
| Rensselaer Bugt, Greenland | 97 |
| Resolution Island | 123 |
| Revel Creek, Revel Island, Va | 1901 |
| Rhems, Black Mingo Creek, S.C | 2527 |
| Rhode Island | 989–1051 |
| Rhode River, Md | 2079 |
| Ria Coig, Argentina | 4935 |
| Ribault River, Fla | 3215 |
| Richibucto River ent., New Brunswick | 401 |
| Richmond, Va | 2285 |
| Richmond Plantation, S.C | 2659 |
| Ridgefield Park, N.J | 1379 |
| Rifkol, Greenland | 85 |
| Riggins Ditch, N.J | 1653,1655 |
| Rigolet, Labrador | 191 |
| Rio Ceara (bar), Brazil | 4737 |
| Rio Cunani entrance, Brazil | 4709 |
| Rio de Janeiro, Brazil * (284) | 4793 |
| Rio de La Plata | 4825–4835 |
| Rio Dulce, Guatemala | 4409 |
| Rio Gallegos, Argentina | 4939 |
| Rio Grande (Muelle), Argentina | 4945 |
| Rio Maroni entrance, French Guiana | 4701 |
| Rio Negro ent., Argentina | 4871 |
| Rio Orinoco, Venezuela | 4675 |
| Rio Para Entrance, Brazil | 4719 |
| Rio San Juan, Venezuela | 4671 |
| Rio Sao Francisco, Brazil | 4757 |
| Riohacha, Colombia | 4645 |
| Risley Channel, N.J | 1571 |
| River Bend Marina, N.J | 1583 |
| Riverdale, N.Y | 1319 |
| Riverport, Nova Scotia | 507 |
| Riverside, Md | 2129 |
| Riviera Beach, Baffin Bay, Texas | 4377 |
| Riviera Beach, N.J | 1453 |
| Roane Point, Va | 2213 |
| Roanoke Sound Channel, N.C | 2325 |
| Roaring Point, Md | 1967 |
| Robinhood, Maine | 715 |
| Rocas, Atol das, Brazil | 4743 |
| Rock Harbor, Fla | 3557 |
| Rock Islands, Fla | 4087 |
| Rockaway Inlet, N.Y | 1283 |
| Rockdedundy River, Ga | 3069 |
| Rockland, Maine | 667 |
| Rockland Channel Bridge, Fla | 3847 |
| Rockland Key, Fla | 3847 |
| Rockport, Mass | 837 |
| Rockport, Texas | 4371 |
| Rockville, S.C | 2731 |
| Rocky Creek, Fla | 4041 |
| Rocky Hill, Conn | 1083 |
| Rodanthe, N.C | 2341 |
| Romerly Marsh Creek, Ga | 2983 |
| Roosevelt Roads, P.R | 4587 |
| Roseau, Dominica | 4613 |
| Rose Dew Creek, S.C | 2943 |
| Rose Haven, Md | 2083 |
| Roses Bluff, Fla | 3151 |
| Rossville, N.Y | 1393 |
| Round Hill Point, Mass | 983 |
| Round Key, Fla | 3893 |
| Round Point, Texas | 4349 |
| Route 21 Bridge, Albergottie Cr.,S.C | 2883 |
| Route 21 Bridge, Cowen Creek, S.C | 2875 |
| Route 35 Bridge, Matawan Creek, N.J | 1415 |
| Route 47 Bridge, Big Timber Cr., N.J | 1811 |
| Route 47 Bridge, Del. | |
| Bidwell Creek, Del | 1639 |
| Dennis Creek, Del | 1645 |
| Dias Creek, Del | 1635 |
| East Creek, Del | 1647 |
| Sluice Creek, Del | 1643 |
| West Creek, Del | 1651 |
| Route 73 Bridge, Pennsauken Cr., N.J | 1823 |
| Route 87 Bridge, Abescon Channel, N.J | 1563 |
| Route 130 Bridge, N.J. | |
| Assiscunk Creek, N.J | 1839 |
| Blacks Creek, N.J | 1847 |
| Crosswicks Creek, N.J | 1851 |
| Pennsauken Creek, N.J | 1825 |
| Route 170 Bridge, New River, S.C | 2957 |
| Route 206 Bridge, Crosswicks Cr., N.J | 1849 |
| Rowayton, Conn | 1119 |
| Royal Bay, South Georgia Island | 4955 |
| Rudee Heights, Va | 2311 |
| Rudee Inlet, Va | 2307–2313 |
| Runford, R.I | 1029 |
| Russel Creek, S.C | 2743 |
| Rye Beach, N.Y | 1127 |


S


| | |
|---|---|
| Sabine Bank Lighthouse, Texas | 4323 |
| Sabine Pass (jetty), Texas | 4325 |
| Sabine Pass, Texas | 4327,4329 |
| Sable Island (north side), Nova Scotia | 495 |
| Sable Island (south side), Nova Scotia | 497 |
| Sachem Head, Conn | 1095 |
| Sachuest, R.I | 991 |
| Saco River, Maine | 777,779 |
| Saddlebunch Keys, Fla | 3811–3841 |
| Safety Harbor, Fla | 4001 |
| Sag Harbor, N.Y | 1207 |
| Sagamore, Cape Cod Canal, Mass | 887 |
| Sagua de Tanamo, Bahia de, Cuba | 4501 |
| Saguenay River, Quebec | 331,333 |
| Saint John, New Brunswick * (24) | 569 |
| St. Andrew Bay, Fla | 4129–4149 |
| St. Andrew Sound, Ga | 3103–3125 |
| St. Andrews, New Brunswick | 593 |
| Ste. Anne des Monts, Quebec | 315 |
| St. Anns Bay, Jamaica | 4545 |
| St. Anns Harbour, Nova Scotia | 459 |
| St. Augustin, Quebec | 357 |
| St. Augustine, Fla | 3267 |
| St. Augustine Beach, Fla | 3269 |
| St. Barbe Bay, Newfoundland | 283 |
| St. Barthelemy, Lesser Antilles | 4609 |
| St. Catherines Sound, Ga | 3011–3055 |
| Ste. Croix, Quebec | 359 |
| St. Croix Islands, Virgin Islands | 4605–4607 |
| St. George, N.Y | 1307 |
| St. George Island, Fla | 4109–4115 |
| St. George River, Maine | 675–679 |
| St. George Sound, Fla | 4105–4115 |
| St. Georges, Del | 1755 |
| St. Georges Harbour, Newfoundland | 269 |
| St. Georges Island, Bermuda | 4445 |
| St. Helena Sound, S.C | 2789–2851 |
| St. James City, Fla | 3933 |
| St. James Island, Fla | 4101,4103 |
| St. John Bay, Newfoundland | 281 |
| St. John River, New Brunswick | 571 |
| St. John’s, Newfoundland | 233 |
| St. Johns River, Fla | 3191–3255 |
| St. Joseph Bay, Fla | 4127 |
| St. Joseph Sound, Fla | 4021 |
| St. Laurent d’Orleans, Quebec | 351 |
| St. Lawrence River | 315–371 |
| St. Louis Bay, Miss | 4217 |
| St. Lucia, Lesser Antilles | 4617,4619 |

| | No. |
|---|---|
| St. Lucie, Fla | 3331 |
| St. Lucie River, Fla | 3347–3353 |
| St. Margarets Bay, Nova Scotia | 499 |
| St. Marks, Fla | 4093 |
| St. Marks River Entrance, Fla. * (192) | 4091 |
| St. Martins River, Fla | 4055 |
| St. Mary Bay, Newfoundland | 237 |
| St. Mary Bay, Nova Scotia | 525–529 |
| St. Mary Harbour, Newfoundland | 237 |
| St. Mary River, Nova Scotia | 483 |
| St. Marys, Ga | 3139 |
| St. Marys Entrance, Ga | 3127 |
| St. Marys River, Ga. and Fla | 3139–3147 |
| St. Michaels, Md | 2005 |
| St. Michaels, Miles River, Md | 2013 |
| St. Nicolaas Bay, Aruba | 4631 |
| St. Nicolas, Quebec | 355 |
| St. Paul Island, Nova Scotia | 431 |
| St. Peter Bay, Cape Breton Island | 469 |
| St. Peters Bay, Prince Edward Island | 417 |
| St. Petersburg, Fla. * (184) | 3985 |
| St. Pierre Creek, S.C | 2769 |
| St. Pierre Harbor, Newfoundland | 247 |
| St. Pierre Island, Newfoundland | 247 |
| St. Simons Light, Ga | 3081 |
| St. Simons Sound, Ga | 3079–3101 |
| St. Simons Sound Bar, Ga | 3079 |
| St. Thomas Island, Virgin Islands | 4599–4603 |
| St. Vincent, Lesser Antilles | 4621 |
| Sakonnet, R.I | 989 |
| Sakonnet River, R.I | 989–999 |
| Salem, Mass | 841 |
| Salem, N.J | 1745 |
| Salem Canal entrance, N.J | 1771 |
| Salem Nuclear Plant, N.J | 1727 |
| Salem River, N.J | 1743–1751 |
| Salinopolis, Brazil | 4721 |
| Salisbury, Md | 1965 |
| Salisbury, New Brunswick | 563 |
| Salisbury Point, Mass | 825 |
| Salmon Falls River, N.H | 813 |
| Salt River, Fla | 4061 |
| Salt Water Creek, S.C | 2961 |
| Salvador, Brazil | 4761 |
| Salvesbarg Landing, S.C | 2909 |
| Sam Worth Game Management Area, S.C | 2533 |
| Sampit River, S.C | 2513–2517 |
| San Carlos Bay, Fla | 3923,3925 |
| San Domingo Creek, Md | 2005 |
| San Jacinto River, Tx | 4345 |
| San Juan, P.R. * (252) | 4593 |
| San Juan del Norte, Nicaragua | 4431 |
| San Luis Pass, Texas | 4363 |
| San Marino Island, Fla | 3483 |
| San Roman, Argentina | 4877 |
| San Salvador, Bahamas | 4471 |
| Sanchez, Dominican Republic | 4557 |
| Sand Key Lighthouse, Fla | 3871 |
| Sand Key Channel, Fla | 3871 |
| Sand Shoal Inlet, Va | 1907 |
| Sandblasters, S.C | 2721 |
| Sandbridge, Va | 2315 |
| Sands Key, Fla | 3505 |
| Sandy Hook, N.J. * (84) | 1425 |
| Sandy Point, Maine | 661 |
| Santa Barbara de Samana, Dominican Rep. | 4555 |
| Santa Cruz Cabralia, Brazil | 4773 |
| Santa Cruz (Punta Quilla), Argentina | 4933 |
| Santa Domingo, Dominican Republic | 4563 |
| Santa Elena, Puerto, Argentina | 4905 |
| Santa Marta, Colombia | 4643 |
| Santa Rosa Sound, Fla | 4159 |
| Santana, Recifes de, Brazil | 4729 |
| Santee Pass, S.C | 2607 |
| Santee River, S.C | 2581,2583 |
| Santos, Brazil * (288) | 4803 |
| Sao Francisco do Sul, Brazil | 4809 |
| Sao Joao da Barra, Brazil | 4785 |
| Sao Luiz, Brazil | 4727 |
| Sao Sebastiao, Brazil | 4801 |
| Saona, Isla, Dominican Republic | 4559 |
| Sapelo Island, Ga | 3061 |
| Sapelo River, Ga | 3045–3049 |
| Sapelo Sound, Ga | 3011–3055,3061 |
| Saquatucket Harbor | 911 |
| Sarasota, Fla | 3963 |
| Sarasota Bay, Fla | 3963,3965 |
| Sasanoa River, Maine | 715,717 |
| Sassafras River, Md | 2041 |
| Satilla River, Ga | 3115–3121 |
| Saunders Wharf, Va | 2181 |
| Savage Creek, S.C | 2935 |
| Savage Island, S.C | 2935 |
| Savannah, Ga. * (152) | 2969 |
| Savannah River, Ga | 2963–2977 |
| Savannah River Entrance, Ga. * (148) | 2965 |
| Sawpit Creek, Fla | 3177,3179 |
| Sawyer Key, Fla | 3789,3791 |
| Saxis, Va | 1937 |
| Saybrook Jetty, Conn | 1063 |
| Saybrook Point, Conn | 1065 |
| Sayreville, N.J | 1405 |
| Scarborough, Tobago | 4627 |
| Schooner Bay, Va | 1927 |
| Schooner Harbour, Baffin Island | 129 |
| Schottegat, Curacao | 4629 |
| Schuylkill River, Pa | 1807–1809 |
| Scituate, Mass | 875 |
| Scoresbay Sound, Greenland | 55 |
| Scotia Bay, S. Orkney Islands | 4959 |
| Scotland, Va | 2259 |
| Scott Creek, S.C | 2767 |
| Sea Bright, Shrewsbury River, N.J | 1433 |
| Sea Grape Point, Fla | 3515 |
| S.C.L. RR. bridge, Savannah River, Ga | 2975 |
| Seabrook, S.C | 2795 |
| Seacamp Dock, Ga | 3133 |
| Seal Cove, New Brunswick | 579 |
| Seapoint, Maine | 793 |
| Seaside Heights, N.J | 1463 |
| Seaside Park, N.J | 1479 |
| Seavey Island, Maine | 803 |
| Sebastian, Fla | 3323 |
| Sebastian Inlet, Fla | 3321 |
| Secaucus, N.J | 1373 |
| Secessionville, Secessionville Cr.,S.C. | 2703 |
| Sedge Islands, N.J | 1495 |
| Seekonk River, R.I | 1029,1031 |
| Seminole Shores, Fla | 3357 |
| Sept Iles, Quebec | 311 |
| Sesuit Harbor, Mass | 895 |
| Settlement Point, Bahamas * (244) | 4459 |
| Seven Island, N.J | 1539 |
| Severn River, Md | 2069–2071 |
| Sewall Point, Fla | 3353 |
| Sewee Bay, S.C | 2603 |
| Sewells Point, Va | 2227 |
| Shalimar, Fla | 4153 |
| Shallotte Inlet, N.C | 2441 |
| Shark Key, Fla | 3839 |
| Shark River entrance, Fla | 3877 |
| Shark River Hills, N.J | 1443 |
| Shark River Island, N.J | 1441 |
| Sharkfin Shoal Light, Md | 1959 |
| Sharptown, Md | 1971 |
| Shediac Bay, New Brunswick | 403 |
| Sheepscot, Maine | 711 |
| Sheepscot River, Maine | 705–717 |

| | No. |
|---|---|
| Sheet Harbour, Nova Scotia | 487 |
| Shelburne, Nova Scotia | 515 |
| Sheldon, S.C | 2849 |
| Shell Beach, Lake Borgne, La | 4233 |
| Shell Island, Fla | 4065 |
| Shell Island, La | 4303 |
| Shell Key, Fla | 3597,3605 |
| Shell Point, Apalachee Bay, Fla | 4095 |
| Shell Point, N.C | 2359 |
| Shell Point, Peace River, Fla | 3953 |
| Shell Point, Tampa Bay, Fla | 3981 |
| Shelltown, Md | 1941 |
| Shelter Island Sound, N.Y | 1199–1207 |
| Shelton, Conn | 1113 |
| Shem Creek, S.C | 2633 |
| Sherwood Forest, Fla | 3217 |
| Shinnecock Bay, N.Y | 1223–1227 |
| Shinnecock Inlet, N.Y | 1221 |
| Ship Cove, Newfoundland | 253 |
| Ship Island, Miss | 4199 |
| Ship Harbour, Nova Scotia | 489 |
| Ship Shoal Light, La | 4297 |
| Shipyard Creek, S.C | 2637 |
| Shooting Thorofare, N.J | 1535 |
| Shoppee Point, Maine | 611 |
| Shrewsbury River, N.J | 1427–1435 |
| Sigsbee Park, Fla | 3863 |
| Sikes Cut, Fla | 4115 |
| Silver Bay, Silver Bay Marina, N.J | 1471 |
| Silver Eel Pond, Fishers Island, N.Y | 1053 |
| Silver Lake Fork, N.J | 1719 |
| Similar Sound, Fla | 3837–3841 |
| Simpson Creek, Fla | 3181 |
| Sinepuxent Neck, Md | 1889 |
| Sinnickson Landing, N.J | 1743 |
| Sippican Harbor, Mass | 973 |
| Sisters Creek, Fla | 3197 |
| Skidaway River, Ga | 2991 |
| Skull Creek (north entrance), S.C | 2885 |
| Skull Creek (south entrance), S.C | 2887 |
| Slaughter Creek, Md | 1987 |
| Sloop Creek, N.J | 1483 |
| Sluice Creek, N.J | 1643 |
| Smith Creek, Fla | 3273 |
| Smith Island, Va | 1911 |
| Smith Point Bridge, N.Y | 1233 |
| Smith’s Dock, S.C | 2469 |
| Smithfield, Va | 2251 |
| Smithville, Md | 1985 |
| Snake Creek, Fla | 3579,3581 |
| Snake Island, S.C | 2713 |
| Sniffens Pt., Housatonic River, Conn | 1107 |
| Snipe Keys, Fla | 3819,3821,3823 |
| Snipe Point, Fla | 3823 |
| Snow Hill (city park), Md | 1943 |
| Snow Point, S.C | 2649 |
| Socastee Bridge, S.C | 2473 |
| Soldier Key, Fla | 3499 |
| Solomons Island, Md | 2091 |
| Sombrero Key, Fla | 3655 |
| Sondre Stromfjord, Greenland | 77,79 |
| Sonora, Nova Scotia | 483 |
| Sops Island, Newfoundland | 219 |
| Sorry Harbor | 123 |
| Souris Head, Prince Edward Island | 421 |
| South Altamaha River, Ga | 3073 |
| South Amboy, N.J | 1401 |
| South America | 4633–4949 |
| South Ashley Bridge, S.C | 2687 |
| South Atlantic Ocean Islands | 4951–4961 |
| South Bay, Tx | 4387 |
| South Brunswick River, Ga | 3101 |
| South Bull Island, S.C | 2931 |
| South Carolina | 2449–2961 |
| South Delray Beach, Fla | 3421 |
| South Edisto River, S.C | 2763–2787 |
| South Fork, St. Lucie River, Fla | 3351 |
| South Freeport, Maine | 741 |
| South Georgia Island | 4955,4957 |
| South Harpswell, Maine | 737 |
| South Hartford, Conn | 1085 |
| South Is. Plantation, S.C | 2507 |
| South Is. Ferry, S.C | 2509 |
| South Jamesport, N.Y | 1211 |
| South Jetty, Winyah Bay Entr., S.C | 2503 |
| South Jupiter Narrows, Fla | 3363 |
| South Negril Point, Jamaica | 4541 |
| South Newport Cut, Ga | 3027 |
| South Newport River, Ga | 3031–3035 |
| South Norwalk, Conn | 1117 |
| South Orkney Islands | 4959 |
| South Oyster Bay, N.Y | 1259 |
| South Pass, La. * (212) | 4255 |
| South Point, Marsh Island, La | 4309 |
| South Point, Sinepuxent Neck, Md | 1889 |
| South River, Md | 2075,2077 |
| South River, N.J | 1407 |
| South Santee River, S.C | 2575–2579 |
| South Shetland Islands | 4961,4963 |
| South Sound, Fla | 3553 |
| South Yarmouth, Mass | 917 |
| Southeast Pass, Mississippi River, La | 4253 |
| Southhampton Island, Greenland | 133 |
| Southold, N.Y | 1203 |
| Southport, Maine | 703 |
| Southport, N.C | 2417 |
| SW Fork, Loxahatchee River, Fla | 3393,3391 |
| Southwest Harbor, Maine | 625 |
| Southwest Pass, Mississippi River, La | 4259 |
| Southwest Pass, Vermilion Bay, La | 4315 |
| Southwest Point, Quebec | 305 |
| Spanish Banks, Fla | 3715 |
| Spanish Harbor, Fla | 3689 |
| Spencer Island, Nova Scotia | 539 |
| Spicer Cove, Nova Scotia | 551 |
| Spooner Creek, N.C | 2397 |
| Spring Bluff, Ga | 3111 |
| Spring Warrior Creek, Fla | 4085 |
| Springmaid Pier, S.C | 2471 |
| Spuyten Duyvil Creek, N.Y | 1317 |
| Squamscott River, N.H | 815 |
| Square Island Harbour, Labrador | 201 |
| Squibnocket Point, Mass | 937 |
| Stage Harbor, Mass | 909 |
| Stamford, Conn | 1123 |
| Stanley Harbor, Falkland Islands | 4953 |
| Staten Island, N.Y | 1307–1355 |
| Stathems Neck, N.J | 1707 |
| Station Creek, S.C | 2863,2861 |
| Staubles Bay, Trinidad | 4677 |
| Steamboat Creek Landing, S.C | 2741 |
| Steelmanville, N.J | 1577 |
| Steele Harbor Island, Maine | 613 |
| Steep brook, Mass | 1021 |
| Steinhatchee River, Fla | 4081 |
| Stites Sound, N.J | 1597 |
| Stock Island, Fla | 3859 |
| Stone Harbor, N.J | 1605 |
| Stone Island, Maine | 607 |
| Stonington, Maine | 643 |
| Stono River, S.C | 2713–2725 |
| Stony Creek, Md | 2057 |
| Stony Point, N.Y | 1141 |
| Stouts Creek, N.J | 1489 |
| Stow Creek, N.J | 1707–1713 |
| Strait of Belle Isle | 207–211 |
| Strait of Canso, Nova Scotia | 473 |
| Stratford, Conn | 1109 |

No.
Strathmere, Strathmere Bay, N.J..... 1587
Stuart, Fla..... 3349
Stupart Bay..... 153
Sturgeon Island, Maine..... 725
Sturgeon Point, Va..... 2269
Sugarloaf Beach (inside), Fla..... 3807
Sugarloaf Key, Fla..... 3765,3769,3781,3785
Sugarloaf Shores, Fla..... 3801,3805,3809
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# ASTRONOMICAL DATA, 2008

### January

| | d. | h | m |
|---|---|---|---|
| A | 3 | 08 | . . |
| S | 6 | 16 | . . |
| ● | 8 | 11 | 37 |
| E | 13 | 15 | . . |
| ◐ | 15 | 19 | 46 |
| P | 19 | 09 | . . |
| N | 20 | 00 | . . |
| ○ | 22 | 13 | 35 |
| E | 26 | 12 | . . |
| ◑ | 30 | 05 | 03 |
| A | 31 | 04 | . . |

### February

| | d. | h | m |
|---|---|---|---|
| S | 3 | 00 | . . |
| ● | 7 | 03 | 44 |
| E | 9 | 21 | . . |
| P | 14 | 01 | . . |
| ◐ | 14 | 03 | 33 |
| N | 16 | 06 | . . |
| ○ | 21 | 03 | 30 |
| E | 22 | 22 | . . |
| A | 28 | 01 | . . |
| ◑ | 29 | 02 | 18 |

### March

| | d. | h | m |
|---|---|---|---|
| S | 1 | 08 | . . |
| ● | 7 | 17 | 14 |
| E | 8 | 05 | . . |
| P | 10 | 22 | . . |
| ◐ | 14 | 10 | 46 |
| N | 14 | 12 | . . |
| ⊙[a] | 20 | 05 | 48 |
| E | 21 | 06 | . . |
| ○ | 21 | 18 | 40 |
| A | 26 | 20 | . . |
| S | 28 | 16 | . . |
| ◑ | 29 | 21 | 47 |

### April

| | d. | h | m |
|---|---|---|---|
| E | 4 | 15 | . . |
| ● | 6 | 03 | 55 |
| P | 7 | 19 | . . |
| N | 10 | 18 | . . |
| ◐ | 12 | 18 | 32 |
| E | 17 | 12 | . . |
| ○ | 20 | 10 | 25 |
| A | 23 | 10 | . . |
| S | 24 | 23 | . . |
| ◑ | 28 | 14 | 12 |

### May

| | d. | h | m |
|---|---|---|---|
| E | 2 | 01 | . . |
| ● | 5 | 12 | 18 |
| P | 6 | 03 | . . |
| N | 8 | 02 | . . |
| ◐ | 12 | 03 | 47 |
| E | 14 | 16 | . . |
| ○ | 20 | 02 | 11 |
| A | 20 | 14 | . . |
| S | 22 | 04 | . . |
| ◑ | 28 | 02 | 57 |
| E | 29 | 09 | . . |

### June

| | d. | h | m |
|---|---|---|---|
| P | 3 | 13 | . . |
| ● | 3 | 19 | 23 |
| N | 4 | 12 | . . |
| ◐ | 10 | 15 | 04 |
| E | 10 | 22 | . . |
| A | 16 | 18 | . . |
| S | 18 | 09 | . . |
| ○ | 18 | 17 | 30 |
| ⊙[b] | 20 | 23 | 59 |
| E | 25 | 15 | . . |
| ◑ | 26 | 12 | 10 |

### July

| | d. | h | m |
|---|---|---|---|
| P | 1 | 21 | . . |
| N | 1 | 22 | . . |
| ● | 3 | 02 | 19 |
| E | 8 | 05 | . . |
| ◐ | 10 | 04 | 35 |
| A | 14 | 04 | . . |
| S | 15 | 15 | . . |
| ○ | 18 | 07 | 59 |
| E | 22 | 20 | . . |
| ◑ | 25 | 18 | 42 |
| N | 29 | 06 | . . |
| P | 29 | 23 | . . |

### August

| | d. | h | m |
|---|---|---|---|
| ● | 1 | 10 | 13 |
| E | 4 | 14 | . . |
| ◐ | 8 | 20 | 20 |
| A | 10 | 20 | . . |
| S | 11 | 22 | . . |
| ○ | 16 | 21 | 16 |
| E | 19 | 02 | . . |
| ◑ | 23 | 23 | 50 |
| N | 25 | 13 | . . |
| P | 26 | 04 | . . |
| ● | 30 | 19 | 58 |
| E | 31 | 23 | . . |

### September

| | d. | h | m |
|---|---|---|---|
| ◐ | 7 | 14 | 04 |
| A | 7 | 15 | . . |
| S | 8 | 06 | . . |
| ○ | 15 | 09 | 13 |
| E | 15 | 10 | . . |
| P | 20 | 03 | . . |
| N | 21 | 19 | . . |
| ◑ | 22 | 05 | 04 |
| ⊙[c] | 22 | 15 | 44 |
| E | 28 | 08 | . . |
| ● | 29 | 08 | 12 |

### October

| | d. | h | m |
|---|---|---|---|
| A | 5 | 11 | . . |
| S | 5 | 14 | . . |
| ◐ | 7 | 09 | 04 |
| E | 12 | 19 | . . |
| ○ | 14 | 20 | 02 |
| P | 17 | 06 | . . |
| N | 19 | 01 | . . |
| ◑ | 21 | 11 | 55 |
| E | 25 | 14 | . . |
| ● | 28 | 23 | 14 |

### November

| | d. | h | m |
|---|---|---|---|
| S | 1 | 21 | . . |
| A | 2 | 05 | . . |
| ◐ | 6 | 04 | 03 |
| E | 9 | 05 | . . |
| ○ | 13 | 06 | 17 |
| P | 14 | 10 | . . |
| N | 15 | 09 | . . |
| ◑ | 19 | 21 | 31 |
| E | 21 | 18 | . . |
| ● | 27 | 16 | 55 |
| S | 29 | 03 | . . |
| A | 29 | 17 | . . |

### December

| | d. | h | m |
|---|---|---|---|
| ◐ | 5 | 21 | 26 |
| E | 6 | 13 | . . |
| ○ | 12 | 16 | 37 |
| N | 12 | 19 | . . |
| P | 12 | 22 | . . |
| E | 19 | 00 | . . |
| ◑ | 19 | 10 | 29 |
| ⊙[d] | 21 | 12 | 04 |
| S | 26 | 08 | . . |
| A | 26 | 18 | . . |
| ● | 27 | 12 | 22 |

LUNAR DATA

● – new Moon
◐ – first quarter
○ – full Moon
◑ – last quarter

A – Moon in apogee
P – Moon in perigee
N – Moon farthest north of Equator
E – Moon on Equator
S – Moon farthest south of Equator

SOLAR DATA

⊙[a] – March equinox
⊙[b] – June solstice
⊙[c] – September equinox
⊙[d] – December solstice

Greenwich mean time (GMT) or universal time (UT) is the mean solar time on the Greenwich meridian reckoned in days of 24 mean solar hours written as $00^h$ at midnight and $12^h$ at noon. To convert the above times to those of other standard time meridians, add 1 hour for each 15° of east longitude of the desired meridian and subtract 1 hour for each 15° of west longitude. This table was compiled from data supplied by the Nautical Almanac Office, United States Naval Observatory.