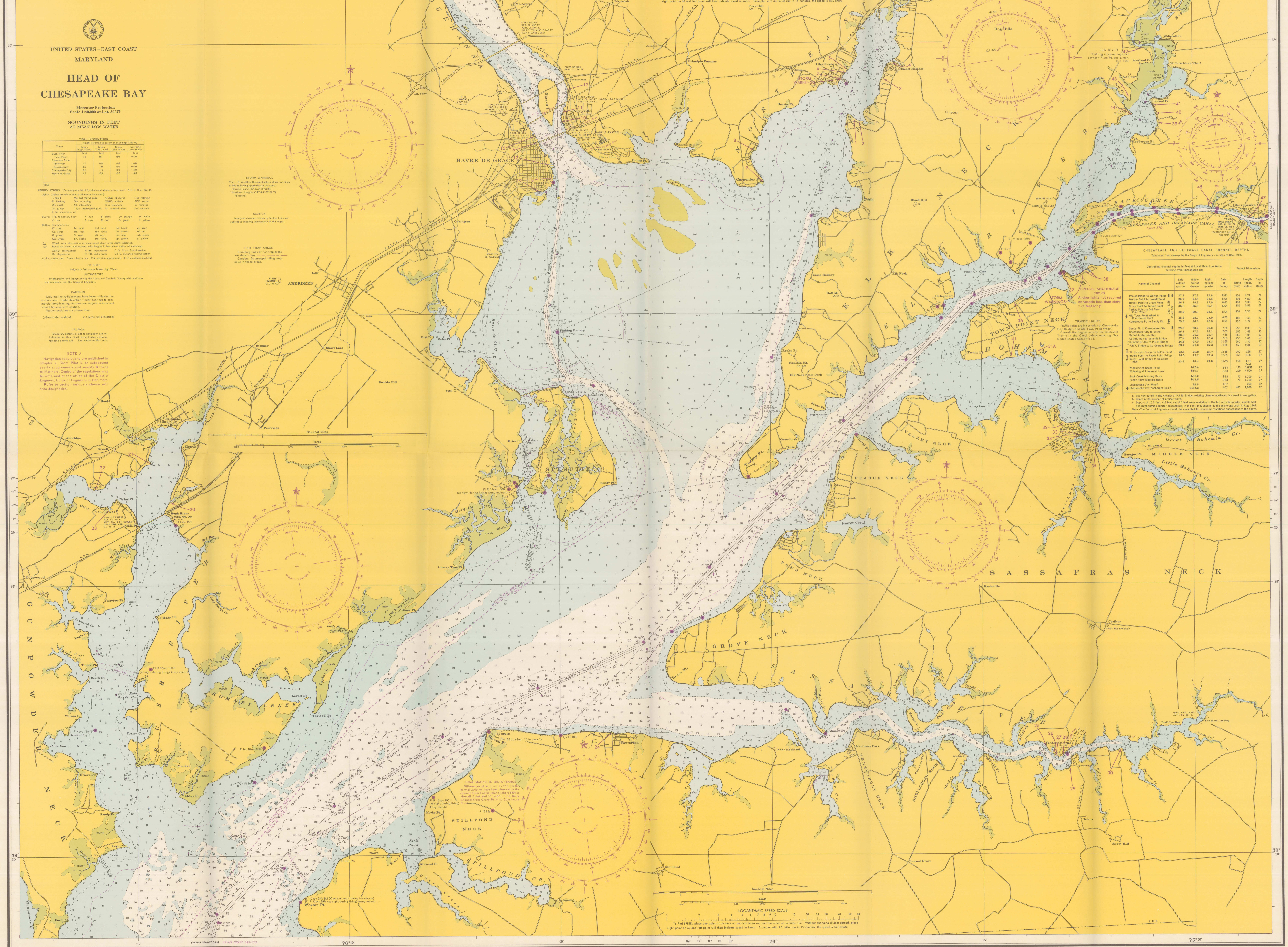


# UNITED STATES - EAST COAST
## MARYLAND
# HEAD OF CHESAPEAKE BAY

Mercator Projection
Scale 1:40,000 at Lat. 39°27′

SOUNDINGS IN FEET
AT MEAN LOW WATER

TIDAL INFORMATION

| Place | Mean High Water | Mean Tide Level | Mean Low Water | Extreme Low Water |
|---|---|---|---|---|
| | feet | feet | feet | feet |
| Bush River | | | | |
| Pond Point | 1.4 | 0.7 | 0.0 | −4.0 |
| Sassafras River | | | | |
| Betterton | 1.7 | 0.8 | 0.0 | −4.0 |
| Georgetown | 2.0 | 1.0 | 0.0 | −4.0 |
| Chesapeake City | 2.6 | 1.3 | 0.0 | −4.0 |
| Havre de Grace | 1.7 | 0.8 | 0.0 | −4.0 |

Height referred to datum of soundings (MLW)

(765)

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see C. & G. S. Chart No. 1)

Lights (Lights are white unless otherwise indicated.): F. fixed; Fl. flashing; Qk. quick; Gp. group; E. Int. equal interval; Mo. (A) morse code; Occ. occulting; Alt. alternating; I. Qk. interrupted quick; OBSC. obscured; WHIS. whistle; DIA. diaphone; M. nautical miles; Rot. rotating; SEC. sector; m. minutes; sec. seconds

Buoys: T.B. temporary buoy; C. can; N. nun; S. spar; B. black; R. red; Or. orange; G. green; W. white; Y. yellow

Bottom characteristics: Cl. clay; Co. coral; G. gravel; Grs. grass; M. mud; Rk. rock; S. sand; Sh. shells; hrd. hard; rky. rocky; sft. soft; stk. sticky; bk. black; br. brown; bu. blue; gn. green; gy. gray; rd. red; wh. white; yl. yellow

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

AERO. aeronautical; Bn. daybeacon; R. Bn. radiobeacon; R. TR. radio tower; C. G. Coast Guard station; D.F.S. distance finding station

AUTH. authorized; Obstr obstruction; P.A. position approximate; E.D. existence doubtful.

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the Coast and Geodetic Survey with additions and revisions from the Corps of Engineers.

CAUTION
Only marine radiobeacons have been calibrated for surface use. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus: (Accurate location) o(Approximate location)

CAUTION
Temporary defects in aids to navigation are not indicated on this chart except where a buoy replaces a fixed aid. See Notice to Mariners.

NOTE A
Navigation regulations are published in Chapter 2, Coast Pilot 3, or subsequent yearly supplements and weekly Notices to Mariners. Copies of the regulations may be obtained at the office of the District Engineer, Corps of Engineers in Baltimore.
Refer to section numbers shown with area designation.

STORM WARNINGS
The U. S. Weather Bureau displays storm warnings at the following approximate locations:
Herring Island (39°30.8′-75°52.6′)
*Northeast Heights (39°34.4′-75°57.3′)
*Seasonal

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

FISH TRAP AREAS
Boundary lines of fish trap areas are shown thus: — — —
Caution: Submerged piling may exist in these areas.

ELK RIVER
Shifting channel reported between Plum Pt. and Elkton. Oct. 1960

SPECIAL ANCHORAGE 202.70
Anchor lights not required on vessels less than sixty-five feet long.

TRAFFIC LIGHTS
Traffic lights are in operation at Chesapeake City Bridge, and Old Town Point Wharf. Consult the Regulations for the Control of Traffic in the Canal before entering. See United States Coast Pilot 3.

LOCAL MAGNETIC DISTURBANCE
Differences of as much as 5° from the normal variation have been observed in the channel from Pooles Island (chart 549) to Howell Point and 3° to 8° in Elk River Channel from Grove Point to Courthouse Point.

CHESAPEAKE AND DELAWARE CANAL CHANNEL DEPTHS
Tabulated from surveys by the Corps of Engineers - surveys to Dec., 1965

| Name of Channel | Left outside quarter | Middle half of channel | Right outside quarter | Date of Survey | Width (feet) | Length (naut. miles) | Depth in (feet) |
|---|---|---|---|---|---|---|---|
| Pooles Island to Worton Point | 27.3 | 27.3 | 22.8 | 8-65 | 400 | 4.77 | 27 |
| Worton Point to Howell Point | 25.7 | 24.5 | 21.5 | 8-65 | 400 | 4.80 | 27 |
| Howell Point to Grove Point | 26.2 | 28.3 | 27.0 | 6-65 | 400 | 3.36 | 27 |
| Grove Point to Turkey Point | 35.6 | 35.0 | 35.4 | 6-65 | 400 | 3.52 | 27 |
| Turkey Point to Old Town Point Wharf | 29.2 | 29.3 | 22.5 | 8-64 | 400 | 5.33 | 27 |
| Old Town Point Wharf to Courthouse Point | 25.5 | 28.7 | 27.0 | 6-65 | 400 | 1.58 | 27 |
| Courthouse Pt. to Sandy Pt. | 29.8 | 26.9 | 26.8 | 8-65 | 250 | 1.22 | 27 |
| Sandy Pt. to Chesapeake City | 29.8 | 30.2 | 26.2 | 7-65 | 250 | 2.36 | 27 |
| Chesapeake City to Bethel | 25.1 | 27.2 | 26.1 | 7-65 | 250 | 1.62 | 27 |
| Bethel to Guthrie Run | 28.6 | 26.2 | 26.7 | 7-65 | 250 | 1.05 | 27 |
| Guthrie Run to Summit Bridge | 27.4 | 27.8 | 26.4 | 7-65 | 250 | 1.03 | 27 |
| a Summit Bridge to P.R.R. Bridge | 26.8 | 27.0 | 25.3 | 11-65 | 250 | 1.72 | 27 |
| a P.R.R. Bridge to St. Georges Bridge | 23.7 | 27.2 | 27.3 | 11-65 | 450 | 2.61 | 27 |
| St. Georges Bridge to Biddle Point | 28.1 | 25.0 | 25.7 | 12-65 | 250 | 1.55 | 27 |
| Biddle Point to Reedy Point Bridge | 28.5 | 28.2 | 28.8 | 12-65 | 250 | 1.68 | 27 |
| Reedy Point Bridge to Delaware River | 23.6 | 26.4 | 23.0 | 12-65 | 250 | 1.61 | 27 |
| Widening at Goose Point | | b22.4 | | 8-63 | 175 | Feet 3,600 | 27 |
| Widening at Lorewood Grove | | b30.1 | | 6-63 | 200 | 4,500 | 27 |
| Back Creek Mooring Basin | | b30.2 | | 8-63 | 70 | 1,700 | 27 |
| Reedy Point Mooring Basin | | b14.5 | | 9-63 | 70 | 1,700 | 27 |
| Chesapeake City Wharf | | b5.5 | | 1-57 | | 250 | 12 |
| Chesapeake City Anchorage Basin | | bc14.2 | | 1-57 | 400 | 1,000 | 12 |

Controlling channel depths in Feet at Local Mean Low Water entering from Chesapeake Bay. Chart 1226 / Chart 572 / Chart 570.

a. Via new cutoff in the vicinity of P.R.R. Bridge; existing channel northward is closed to navigation.
b. Depth in 80 percent of project width.
c. Depths of 10.3 feet, 4.2 feet and 4.0 feet were available in the left outside quarter, middle half, and right outside quarter, respectively, in the entrance channel to the anchorage basin in Aug. 1963.
Note.–The Corps of Engineers should be consulted for changing conditions subsequent to the above.

LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on nautical miles run and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in knots. Example: with 4.0 miles run in 15 minutes, the speed is 16.0 knots.

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572-SC
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U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

(Head of Chesapeake Bay) C.&G.S. 572-SC
SOUNDINGS IN FEET - SCALE 1:40,000
PRICE $1.00

## BALTIMORE, MD., 1967
Times and Heights of High and Low Waters
Eastern Standard Time, For Daylight Saving Time Add 1 Hour

| JANUARY Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 SU | 0436<br>1018<br>1606<br>2248 | -0.4<br>0.5<br>-0.4<br>0.9 |
| 2 M | 0524<br>1118<br>1718<br>2336 | -0.4<br>0.5<br>-0.4<br>0.7 |
| 3 TU | 0606<br>1230<br>1830 | -0.5<br>0.6<br>-0.3 |
| 4 W | 0030<br>0654<br>1336<br>1954 | 0.6<br>-0.6<br>0.8<br>-0.2 |
| 5 TH | 0124<br>0748<br>1448<br>2112 | 0.5<br>-0.6<br>0.9<br>-0.2 |
| 6 F | 0224<br>0836<br>1548<br>2230 | 0.4<br>-0.6<br>1.0<br>-0.1 |
| 7 SA | 0318<br>0930<br>1648 | 0.3<br>-0.7<br>1.1 |
| 8 SU | 0412<br>1018<br>1742 | 0.2<br>-0.7<br>1.1 |
| 9 M | 0024<br>0506<br>1118<br>1830 | -0.2<br>0.2<br>-0.7<br>1.1 |
| 10 TU | 0118<br>0554<br>1200<br>1918 | -0.2<br>0.2<br>-0.7<br>1.1 |
| 11 W | 0200<br>0642<br>1248<br>2000 | -0.2<br>0.3<br>-0.7<br>1.0 |
| 12 TH | 0236<br>0730<br>1336<br>2036 | -0.2<br>0.3<br>-0.6<br>0.9 |
| 13 F | 0306<br>0818<br>1418<br>2112 | -0.2<br>0.3<br>-0.5<br>0.8 |
| 14 SA | 0342<br>0906<br>1506<br>2148 | -0.2<br>0.4<br>-0.5<br>0.7 |
| 15 SU | 0412<br>0954<br>1554<br>2224 | -0.3<br>0.4<br>-0.4<br>0.6 |
| 16 M | 0448<br>1048<br>1648<br>2300 | -0.3<br>0.4<br>-0.3<br>0.5 |
| 17 TU | 0524<br>1142<br>1742<br>2336 | -0.3<br>0.5<br>-0.3<br>0.5 |
| 18 W | 0606<br>1242<br>1842 | -0.4<br>0.5<br>-0.1 |
| 19 TH | 0018<br>0648<br>1342<br>1954 | 0.4<br>-0.4<br>0.6<br>-0.1 |
| 20 F | 0106<br>0730<br>1442<br>2106 | 0.3<br>-0.4<br>0.7<br>-0.1 |
| 21 SA | 0154<br>0818<br>1536<br>2212 | 0.2<br>-0.5<br>0.8<br>-0.1 |
| 22 SU | 0248<br>0906<br>1624<br>2306 | 0.2<br>-0.5<br>0.8<br>-0.1 |
| 23 M | 0342<br>0954<br>1712<br>2354 | 0.2<br>-0.6<br>0.9<br>-0.2 |
| 24 TU | 0442<br>1042<br>1800 | 0.2<br>-0.6<br>1.0 |
| 25 W | 0042<br>0530<br>1136<br>1842 | -0.2<br>0.3<br>-0.7<br>1.0 |
| 26 TH | 0118<br>0624<br>1224<br>1924 | -0.3<br>0.3<br>-0.7<br>1.1 |
| 27 F | 0200<br>0718<br>1318<br>2006 | -0.4<br>0.4<br>-0.7<br>1.0 |
| 28 SA | 0236<br>0806<br>1412<br>2054 | -0.4<br>0.4<br>-0.7<br>1.0 |
| 29 SU | 0318<br>0906<br>1506<br>2136 | -0.5<br>0.4<br>-0.6<br>0.9 |
| 30 M | 0400<br>1000<br>1606<br>2224 | -0.5<br>0.4<br>-0.5<br>0.7 |
| 31 TU | 0442<br>1100<br>1712<br>2312 | -0.5<br>0.4<br>-0.4<br>0.6 |

| FEBRUARY Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 W | 0530<br>1206<br>1824 | -0.6<br>0.8<br>-0.3 |
| 2 TH | 0000<br>0618<br>1318<br>1948 | 0.4<br>-0.6<br>0.8<br>-0.2 |
| 3 F | 0100<br>0712<br>1424<br>2106 | 0.3<br>-0.6<br>0.9<br>-0.2 |
| 4 SA | 0154<br>0812<br>1530<br>2218 | 0.3<br>-0.6<br>0.9<br>-0.2 |
| 5 SU | 0300<br>0912<br>1636<br>2318 | 0.2<br>-0.6<br>1.0<br>-0.1 |
| 6 M | 0400<br>1006<br>1730 | 0.2<br>-0.6<br>1.0 |
| 7 TU | 0012<br>0500<br>1100<br>1818 | -0.2<br>0.3<br>-0.6<br>1.0 |
| 8 W | 0048<br>0548<br>1154<br>1900 | -0.2<br>0.3<br>-0.6<br>0.9 |
| 9 TH | 0124<br>0630<br>1242<br>1936 | -0.2<br>0.4<br>-0.6<br>0.9 |
| 10 F | 0154<br>0718<br>1324<br>2012 | -0.2<br>0.5<br>-0.5<br>0.8 |
| 11 SA | 0224<br>0800<br>1406<br>2042 | -0.2<br>0.5<br>-0.5<br>0.7 |
| 12 SU | 0248<br>0836<br>1448<br>2112 | -0.3<br>0.6<br>-0.4<br>0.6 |
| 13 M | 0318<br>0912<br>1530<br>2142 | -0.3<br>0.6<br>-0.3<br>0.6 |
| 14 TU | 0348<br>0948<br>1618<br>2212 | -0.3<br>0.6<br>-0.2<br>0.5 |
| 15 W | 0424<br>1036<br>1712<br>2248 | -0.3<br>0.7<br>-0.1<br>0.4 |
| 16 TH | 0506<br>1154<br>1830 | -0.3<br>0.7<br>0.0 |
| 17 F | 0548<br>1254<br>1918 | -0.4<br>0.7<br>0.0 |
| 18 SA | 0018<br>0636<br>1354<br>2030 | 0.3<br>-0.4<br>0.7<br>0.0 |
| 19 SU | 0112<br>0736<br>1454<br>2136 | 0.3<br>-0.4<br>0.8<br>0.0 |
| 20 M | 0218<br>0830<br>1554<br>2230 | 0.3<br>-0.5<br>0.9<br>0.0 |
| 21 TU | 0324<br>0930<br>1642<br>2318 | 0.3<br>-0.5<br>1.0<br>-0.1 |
| 22 W | 0424<br>1030<br>1730 | 0.3<br>-0.5<br>1.0 |
| 23 TH | 0000<br>0518<br>1124<br>1818 | -0.2<br>0.5<br>-0.6<br>1.0 |
| 24 F | 0042<br>0612<br>1218<br>1900 | -0.3<br>0.6<br>-0.6<br>1.0 |
| 25 SA | 0118<br>0700<br>1312<br>1942 | -0.3<br>0.7<br>-0.6<br>1.0 |
| 26 SU | 0154<br>0754<br>1406<br>2030 | -0.4<br>0.8<br>-0.6<br>0.9 |
| 27 M | 0236<br>0848<br>1506<br>2112 | -0.4<br>0.9<br>-0.5<br>0.8 |
| 28 TU | 0318<br>0942<br>1606<br>2154 | -0.5<br>1.0<br>-0.4<br>0.7 |

| MARCH Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 W | 0400<br>1042<br>1706<br>2242 | -0.5<br>1.0<br>-0.3<br>0.6 |
| 2 TH | 0448<br>1142<br>1818<br>2336 | -0.5<br>1.0<br>-0.2<br>0.5 |
| 3 F | 0542<br>1254<br>1930 | -0.4<br>1.0<br>-0.1 |
| 4 SA | 0036<br>0648<br>1406<br>2054 | 0.4<br>-0.4<br>1.0<br>0.0 |
| 5 SU | 0142<br>0754<br>1512<br>2206 | 0.4<br>-0.4<br>1.0<br>0.0 |
| 6 M | 0254<br>0900<br>1618<br>2254 | 0.4<br>-0.4<br>1.0<br>-0.1 |
| 7 TU | 0354<br>1006<br>1706<br>2336 | 0.4<br>-0.4<br>1.0<br>-0.1 |
| 8 W | 0448<br>1100<br>1754 | 0.4<br>-0.4<br>0.9 |
| 9 TH | 0012<br>0536<br>1154<br>1836 | 0.0<br>0.6<br>-0.4<br>0.9 |
| 10 F | 0036<br>0618<br>1236<br>1912 | -0.1<br>0.7<br>-0.3<br>0.8 |
| 11 SA | 0106<br>0654<br>1318<br>1936 | -0.1<br>0.8<br>-0.3<br>0.8 |
| 12 SU | 0130<br>0736<br>1354<br>2006 | -0.1<br>0.8<br>-0.3<br>0.7 |
| 13 M | 0200<br>0812<br>1436<br>2030 | -0.1<br>0.9<br>-0.2<br>0.7 |
| 14 TU | 0224<br>0854<br>1512<br>2106 | -0.2<br>0.9<br>-0.1<br>0.6 |
| 15 W | 0300<br>0936<br>1600<br>2136 | -0.2<br>1.0<br>-0.1<br>0.6 |
| 16 TH | 0330<br>1018<br>1648<br>2206 | -0.2<br>0.9<br>0.0<br>0.5 |
| 17 F | 0406<br>1106<br>1742<br>2254 | -0.2<br>1.0<br>0.1<br>0.5 |
| 18 SA | 0454<br>1206<br>1848<br>2348 | -0.2<br>0.9<br>0.1<br>0.4 |
| 19 SU | 0548<br>1306<br>1954 | -0.2<br>0.9<br>0.1 |
| 20 M | 0054<br>0700<br>1412<br>2054 | 0.4<br>-0.2<br>1.0<br>0.1 |
| 21 TU | 0206<br>0806<br>1512<br>2148 | 0.5<br>-0.2<br>1.0<br>0.0 |
| 22 W | 0312<br>0918<br>1612<br>2236 | 0.6<br>-0.2<br>1.1<br>0.0 |
| 23 TH | 0412<br>1024<br>1700<br>2312 | 0.7<br>-0.1<br>1.1<br>-0.1 |
| 24 F | 0506<br>1118<br>1748<br>2354 | 0.9<br>-0.3<br>1.1<br>-0.2 |
| 25 SA | 0600<br>1218<br>1830 | 1.0<br>-0.4<br>1.0 |
| 26 SU | 0036<br>0648<br>1312<br>1918 | -0.2<br>1.2<br>-0.4<br>0.9 |
| 27 M | 0112<br>0736<br>1406<br>2000 | -0.3<br>1.2<br>-0.3<br>0.9 |
| 28 TU | 0154<br>0830<br>1500<br>2048 | -0.3<br>1.3<br>-0.3<br>0.8 |
| 29 W | 0236<br>0924<br>1600<br>2130 | -0.3<br>1.4<br>-0.2<br>0.7 |
| 30 TH | 0324<br>1018<br>1700<br>2224 | -0.3<br>1.3<br>-0.1<br>0.7 |
| 31 F | 0412<br>1118<br>1806<br>2318 | -0.2<br>1.3<br>0.0<br>0.6 |

| APRIL Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 SA | 0512<br>1224<br>1918 | -0.2<br>1.2<br>0.1 |
| 2 SU | 0024<br>0624<br>1336<br>2024 | 0.6<br>-0.1<br>1.2<br>0.1 |
| 3 M | 0142<br>0736<br>1442<br>2118 | 0.6<br>-0.1<br>1.2<br>0.1 |
| 4 TU | 0248<br>0854<br>1544<br>2206 | 0.7<br>-0.1<br>1.2<br>0.1 |
| 5 W | 0342<br>1000<br>1636<br>2242 | 0.8<br>-0.1<br>1.1<br>0.1 |
| 6 TH | 0436<br>1054<br>1718<br>2318 | 0.9<br>-0.1<br>1.1<br>0.1 |
| 7 F | 0518<br>1148<br>1800<br>2348 | 1.0<br>-0.1<br>0.9<br>0.1 |
| 8 SA | 0600<br>1230<br>1830 | 1.1<br>-0.1<br>0.8 |
| 9 SU | 0012<br>0636<br>1306<br>1900 | 0.0<br>1.2<br>0.1<br>0.8 |
| 10 M | 0042<br>0712<br>1348<br>1930 | 0.0<br>1.3<br>0.0<br>0.7 |
| 11 TU | 0106<br>0748<br>1424<br>1954 | 0.0<br>1.3<br>0.1<br>0.6 |
| 12 W | 0136<br>0824<br>1506<br>2030 | 0.0<br>1.3<br>0.1<br>0.6 |
| 13 TH | 0212<br>0900<br>1554<br>2100 | 0.0<br>1.3<br>0.2<br>0.5 |
| 14 F | 0242<br>0942<br>1642<br>2142 | 0.0<br>1.2<br>0.3<br>0.5 |
| 15 SA | 0324<br>1030<br>1742<br>2230 | 0.0<br>1.2<br>0.3<br>0.5 |
| 16 SU | 0412<br>1124<br>1818<br>2336 | 0.1<br>1.2<br>0.2<br>0.6 |
| 17 M | 0518<br>1224<br>1918 | 0.1<br>1.2<br>0.2 |
| 18 TU | 0042<br>0636<br>1330<br>2012 | 0.7<br>0.1<br>1.2<br>0.2 |
| 19 W | 0154<br>0754<br>1430<br>2100 | 0.8<br>0.1<br>1.2<br>0.1 |
| 20 TH | 0300<br>0906<br>1530<br>2142 | 0.9<br>0.1<br>1.1<br>0.0 |
| 21 F | 0400<br>1018<br>1624<br>2230 | 1.1<br>0.1<br>1.1<br>0.0 |
| 22 SA | 0454<br>1118<br>1712<br>2312 | 1.3<br>0.1<br>1.1<br>0.0 |
| 23 SU | 0542<br>1212<br>1800<br>2354 | 1.5<br>0.1<br>1.0<br>0.2 |
| 24 M | 0630<br>1306<br>1848 | 1.6<br>0.1<br>1.0 |
| 25 TU | 0036<br>0724<br>1406<br>1936 | 0.1<br>1.7<br>0.1<br>0.9 |
| 26 W | 0118<br>0812<br>1500<br>2018 | 0.1<br>1.7<br>0.1<br>0.8 |
| 27 TH | 0206<br>0900<br>1554<br>2042 | 0.2<br>1.7<br>0.1<br>0.8 |
| 28 F | 0254<br>1000<br>1648<br>2206 | 0.2<br>1.6<br>0.1<br>0.7 |
| 29 SA | 0348<br>1054<br>1748<br>2306 | 0.2<br>1.5<br>0.2<br>0.7 |
| 30 SU | 0448<br>1154<br>1842 | 0.1<br>1.4<br>0.2 |

| MAY Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 M | 0018<br>0600<br>1254<br>1942 | 0.8<br>0.2<br>1.2<br>0.3 |
| 2 TU | 0124<br>0724<br>1400<br>2024 | 0.9<br>0.2<br>1.1<br>0.3 |
| 3 W | 0230<br>0836<br>1454<br>2106 | 1.0<br>0.2<br>1.0<br>0.2 |
| 4 TH | 0324<br>0942<br>1548<br>2142 | 1.1<br>0.2<br>1.0<br>0.2 |
| 5 F | 0412<br>1042<br>1630<br>2218 | 1.2<br>0.2<br>0.9<br>0.2 |
| 6 SA | 0500<br>1130<br>1712<br>2254 | 1.3<br>0.2<br>0.9<br>0.2 |
| 7 SU | 0536<br>1218<br>1742<br>2324 | 1.4<br>0.2<br>0.8<br>0.1 |
| 8 M | 0612<br>1254<br>1818<br>2354 | 1.5<br>0.2<br>0.8<br>0.1 |
| 9 TU | 0648<br>1336<br>1848 | 1.5<br>0.2<br>0.8 |
| 10 W | 0024<br>0724<br>1418<br>1930 | 0.1<br>1.5<br>0.2<br>0.8 |
| 11 TH | 0054<br>0800<br>1500<br>2000 | 0.1<br>1.5<br>0.2<br>0.7 |
| 12 F | 0130<br>0836<br>1536<br>2042 | 0.1<br>1.5<br>0.3<br>0.7 |
| 13 SA | 0212<br>0918<br>1624<br>2124 | 0.1<br>1.5<br>0.3<br>0.7 |
| 14 SU | 0254<br>1006<br>1706<br>2224 | 0.2<br>1.5<br>0.3<br>0.8 |
| 15 M | 0348<br>1054<br>1754<br>2330 | 0.2<br>1.4<br>0.3<br>0.8 |
| 16 TU | 0500<br>1148<br>1842 | 0.3<br>1.3<br>0.3 |
| 17 W | 0042<br>0618<br>1248<br>1930 | 0.9<br>0.3<br>1.3<br>0.3 |
| 18 TH | 0148<br>0742<br>1348<br>2018 | 1.1<br>0.3<br>1.2<br>0.1 |
| 19 F | 0248<br>0900<br>1448<br>2100 | 1.3<br>0.3<br>1.1<br>0.1 |
| 20 SA | 0348<br>1012<br>1548<br>2148 | 1.5<br>0.2<br>1.1<br>0.0 |
| 21 SU | 0436<br>1112<br>1642<br>2230 | 1.6<br>0.1<br>1.0<br>0.0 |
| 22 M | 0530<br>1206<br>1730<br>2318 | 1.8<br>0.1<br>1.0<br>-0.1 |
| 23 TU | 0618<br>1306<br>1818 | 1.9<br>0.1<br>0.9 |
| 24 W | 0000<br>0706<br>1406<br>1912 | -0.1<br>1.9<br>0.2<br>0.9 |
| 25 TH | 0048<br>0754<br>1454<br>2000 | 0.0<br>1.8<br>0.2<br>0.8 |
| 26 F | 0136<br>0848<br>1542<br>2054 | 0.0<br>1.8<br>0.2<br>0.8 |
| 27 SA | 0230<br>0936<br>1630<br>2154 | 0.1<br>1.7<br>0.3<br>0.8 |
| 28 SU | 0324<br>1024<br>1718<br>2254 | 0.2<br>1.6<br>0.3<br>0.9 |
| 29 M | 0430<br>1118<br>1806<br>2354 | 0.3<br>1.4<br>0.4<br>1.0 |
| 30 TU | 0536<br>1206<br>1848 | 0.4<br>1.3<br>0.4 |
| 31 W | 0100<br>0654<br>1300<br>1930 | 1.1<br>0.5<br>1.2<br>0.3 |

| JUNE Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 TH | 0200<br>0812<br>1306<br>2006 | 1.2<br>0.5<br>1.1<br>0.3 |
| 2 F | 0300<br>0918<br>1442<br>2048 | 1.3<br>0.5<br>1.0<br>0.3 |
| 3 SA | 0342<br>1018<br>1524<br>2124 | 1.4<br>0.5<br>0.9<br>0.2 |
| 4 SU | 0430<br>1112<br>1612<br>2200 | 1.5<br>0.4<br>0.9<br>0.2 |
| 5 M | 0506<br>1200<br>1654<br>2236 | 1.6<br>0.4<br>0.9<br>0.2 |
| 6 TU | 0548<br>1242<br>1736<br>2312 | 1.6<br>0.4<br>0.8<br>0.2 |
| 7 W | 0624<br>1324<br>1818<br>2348 | 1.7<br>0.4<br>0.8<br>0.2 |
| 8 TH | 0700<br>1406<br>1854 | 1.7<br>0.4<br>0.8 |
| 9 F | 0024<br>0742<br>1442<br>1936 | 0.2<br>1.7<br>0.3<br>0.8 |
| 10 SA | 0106<br>0818<br>1518<br>2018 | 0.2<br>1.7<br>0.3<br>0.8 |
| 11 SU | 0154<br>0900<br>1600<br>2112 | 0.2<br>1.7<br>0.3<br>0.9 |
| 12 M | 0242<br>0942<br>1642<br>2218 | 0.3<br>1.6<br>0.3<br>0.9 |
| 13 TU | 0342<br>1030<br>1724<br>2318 | 0.4<br>1.5<br>0.3<br>1.1 |
| 14 W | 0454<br>1118<br>1806 | 0.4<br>1.4<br>0.2 |
| 15 TH | 0024<br>0612<br>1212<br>1848 | 1.2<br>0.5<br>1.3<br>0.2 |
| 16 F | 0130<br>0736<br>1306<br>1936 | 1.4<br>0.5<br>1.2<br>0.1 |
| 17 SA | 0230<br>0854<br>1412<br>2024 | 1.5<br>0.5<br>1.1<br>0.1 |
| 18 SU | 0330<br>1012<br>1512<br>2112 | 1.7<br>0.4<br>1.0<br>0.0 |
| 19 M | 0424<br>1118<br>1606<br>2200 | 1.9<br>0.4<br>0.9<br>0.0 |
| 20 TU | 0518<br>1212<br>1706<br>2248 | 2.0<br>0.3<br>0.9<br>0.0 |
| 21 W | 0606<br>1312<br>1800<br>2336 | 2.0<br>0.3<br>0.9<br>0.0 |
| 22 TH | 0654<br>1354<br>1854 | 2.0<br>0.3<br>0.9 |
| 23 F | 0030<br>0742<br>1442<br>1948 | 0.1<br>1.9<br>0.3<br>0.9 |
| 24 SA | 0118<br>0830<br>1524<br>2042 | 0.2<br>1.8<br>0.3<br>1.0 |
| 25 SU | 0212<br>0912<br>1606<br>2130 | 0.2<br>1.7<br>0.3<br>1.1 |
| 26 M | 0306<br>0954<br>1642<br>2224 | 0.3<br>1.6<br>0.3<br>1.1 |
| 27 TU | 0406<br>1036<br>1718<br>2330 | 0.4<br>1.4<br>0.3<br>1.2 |
| 28 W | 0512<br>1118<br>1748 | 0.5<br>1.3<br>0.3 |
| 29 TH | 0024<br>0618<br>1200<br>1830 | 1.3<br>0.6<br>1.2<br>0.3 |
| 30 F | 0118<br>0730<br>1242<br>1906 | 1.3<br>0.7<br>1.1<br>0.3 |

TIME MERIDIAN 75° W. 0000 IS MIDNIGHT. 1200 IS NOON.
HEIGHTS ARE RECKONED FROM THE DATUM OF SOUNDINGS ON CHARTS OF THE LOCALITY WHICH IS MEAN LOW WATER.

## BALTIMORE, MD., 1967
Times and Heights of High and Low Waters
Eastern Standard Time, For Daylight Saving Time Add 1 Hour

| JULY Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 SA | 0218<br>0842<br>1330<br>1948 | 1.4<br>0.7<br>1.0<br>0.3 |
| 2 SU | 0312<br>0954<br>1424<br>2030 | 1.5<br>0.6<br>0.9<br>0.2 |
| 3 M | 0354<br>1054<br>1512<br>2112 | 1.6<br>0.6<br>0.9<br>0.2 |
| 4 TU | 0442<br>1142<br>1612<br>2154 | 1.7<br>0.6<br>0.9<br>0.2 |
| 5 W | 0524<br>1230<br>1700<br>2236 | 1.8<br>0.5<br>0.8<br>0.2 |
| 6 TH | 0600<br>1306<br>1748<br>2324 | 1.8<br>0.5<br>0.9<br>0.2 |
| 7 F | 0642<br>1342<br>1836 | 1.8<br>0.4<br>0.9 |
| 8 SA | 0006<br>0718<br>1418<br>1924 | 0.2<br>1.9<br>0.4<br>0.9 |
| 9 SU | 0054<br>0800<br>1454<br>2012 | 0.2<br>1.8<br>0.3<br>1.0 |
| 10 M | 0148<br>0836<br>1530<br>2106 | 0.3<br>1.8<br>0.3<br>1.1 |
| 11 TU | 0242<br>0918<br>1606<br>2200 | 0.3<br>1.7<br>0.3<br>1.2 |
| 12 W | 0342<br>1006<br>1642<br>2300 | 0.4<br>1.6<br>0.2<br>1.3 |
| 13 TH | 0448<br>1048<br>1724 | 0.5<br>1.4<br>0.2 |
| 14 F | 0006<br>0606<br>1142<br>1806 | 1.5<br>0.6<br>1.3<br>0.1 |
| 15 SA | 0106<br>0730<br>1236<br>1854 | 1.6<br>0.6<br>1.1<br>0.1 |
| 16 SU | 0212<br>0854<br>1336<br>1948 | 1.7<br>0.6<br>1.0<br>0.1 |
| 17 M | 0312<br>1012<br>1436<br>2042 | 1.8<br>0.6<br>0.9<br>0.1 |
| 18 TU | 0412<br>1118<br>1542<br>2136 | 1.9<br>0.5<br>0.9<br>0.1 |
| 19 W | 0506<br>1212<br>1648<br>2236 | 2.0<br>0.5<br>0.9<br>0.1 |
| 20 TH | 0600<br>1300<br>1748<br>2324 | 2.0<br>0.4<br>0.9<br>0.1 |
| 21 F | 0642<br>1342<br>1836 | 2.0<br>0.4<br>1.0 |
| 22 SA | 0018<br>0730<br>1418<br>1930 | 0.2<br>1.9<br>0.4<br>1.1 |
| 23 SU | 0112<br>0806<br>1448<br>2018 | 0.2<br>1.8<br>0.4<br>1.1 |
| 24 M | 0206<br>0848<br>1518<br>2106 | 0.3<br>1.7<br>0.4<br>1.2 |
| 25 TU | 0254<br>0918<br>1554<br>2200 | 0.4<br>1.5<br>0.4<br>1.3 |
| 26 W | 0342<br>0954<br>1624<br>2248 | 0.5<br>1.4<br>0.4<br>1.3 |
| 27 TH | 0436<br>1024<br>1654<br>2342 | 0.6<br>1.3<br>0.3<br>1.4 |
| 28 F | 0536<br>1100<br>1730 | 0.7<br>1.2<br>0.3 |
| 29 SA | 0036<br>0648<br>1142<br>1812 | 1.4<br>0.8<br>1.1<br>0.3 |
| 30 SU | 0130<br>0806<br>1224<br>1854 | 1.5<br>0.8<br>1.0<br>0.3 |
| 31 M | 0230<br>0918<br>1318<br>1942 | 1.6<br>0.8<br>0.9<br>0.3 |

| AUGUST Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 TU | 0318<br>1024<br>1424<br>2030 | 1.6<br>0.7<br>0.9<br>0.3 |
| 2 W | 0406<br>1118<br>1530<br>2124 | 1.7<br>0.7<br>0.9<br>0.3 |
| 3 TH | 0454<br>1200<br>1630<br>2218 | 1.8<br>0.6<br>0.9<br>0.3 |
| 4 F | 0536<br>1236<br>1730<br>2306 | 1.8<br>0.5<br>1.0<br>0.3 |
| 5 SA | 0618<br>1306<br>1818 | 1.9<br>0.4<br>1.0 |
| 6 SU | 0000<br>0654<br>1342<br>1906 | 0.3<br>1.9<br>0.4<br>1.1 |
| 7 M | 0048<br>0736<br>1418<br>2000 | 0.3<br>1.8<br>0.3<br>1.3 |
| 8 TU | 0142<br>0818<br>1448<br>2048 | 0.3<br>1.8<br>0.3<br>1.4 |
| 9 W | 0242<br>0900<br>1524<br>2142 | 0.4<br>1.7<br>0.2<br>1.5 |
| 10 TH | 0336<br>0942<br>1606<br>2242 | 0.4<br>1.5<br>0.2<br>1.6 |
| 11 F | 0448<br>1024<br>1648<br>2342 | 0.5<br>1.4<br>0.1<br>1.7 |
| 12 SA | 0600<br>1112<br>1730 | 0.6<br>1.2<br>0.1 |
| 13 SU | 0048<br>0724<br>1206<br>1824 | 1.8<br>0.7<br>1.1<br>0.1 |
| 14 M | 0154<br>0848<br>1312<br>1918 | 1.8<br>0.7<br>1.0<br>0.2 |
| 15 TU | 0300<br>1012<br>1424<br>2024 | 1.9<br>0.6<br>0.9<br>0.2 |
| 16 W | 0400<br>1106<br>1536<br>2130 | 1.9<br>0.6<br>0.9<br>0.2 |
| 17 TH | 0454<br>1200<br>1642<br>2230 | 1.9<br>0.5<br>1.0<br>0.2 |
| 18 F | 0542<br>1236<br>1736<br>2324 | 1.9<br>0.5<br>1.0<br>0.2 |
| 19 SA | 0630<br>1312<br>1830 | 1.8<br>0.5<br>1.1 |
| 20 SU | 0018<br>0706<br>1342<br>1912 | 0.3<br>1.7<br>0.5<br>1.2 |
| 21 M | 0106<br>0742<br>1406<br>2000 | 0.3<br>1.6<br>0.4<br>1.3 |
| 22 TU | 0154<br>0812<br>1436<br>2042 | 0.4<br>1.5<br>0.4<br>1.4 |
| 23 W | 0236<br>0842<br>1500<br>2124 | 0.5<br>1.4<br>0.4<br>1.4 |
| 24 TH | 0324<br>0912<br>1530<br>2206 | 0.6<br>1.3<br>0.3<br>1.5 |
| 25 F | 0412<br>0936<br>1600<br>2254 | 0.7<br>1.3<br>0.3<br>1.5 |
| 26 SA | 0506<br>1012<br>1636<br>2348 | 0.7<br>1.2<br>0.3<br>1.5 |
| 27 SU | 0606<br>1048<br>1718 | 0.8<br>1.1<br>0.3 |
| 28 M | 0042<br>0724<br>1130<br>1806 | 1.5<br>0.8<br>1.0<br>0.3 |
| 29 TU | 0142<br>0842<br>1236<br>1900 | 1.6<br>0.8<br>0.9<br>0.3 |
| 30 W | 0236<br>0948<br>1348<br>1954 | 1.6<br>0.7<br>0.9<br>0.3 |
| 31 TH | 0330<br>1036<br>1506<br>2054 | 1.7<br>0.7<br>0.9<br>0.3 |

| SEPTEMBER Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 F | 0418<br>1112<br>1612<br>2200 | 1.7<br>0.6<br>1.0<br>0.3 |
| 2 SA | 0506<br>1154<br>1706<br>2300 | 1.8<br>0.5<br>1.1<br>0.3 |
| 3 SU | 0548<br>1224<br>1800<br>2348 | 1.8<br>0.4<br>1.2<br>0.3 |
| 4 M | 0630<br>1300<br>1848 | 1.8<br>0.3<br>1.4 |
| 5 TU | 0048<br>0712<br>1330<br>1942 | 0.3<br>1.7<br>0.2<br>1.5 |
| 6 W | 0142<br>0748<br>1412<br>2030 | 0.3<br>1.6<br>0.2<br>1.6 |
| 7 TH | 0236<br>0830<br>1448<br>2124 | 0.3<br>1.5<br>0.1<br>1.7 |
| 8 F | 0336<br>0912<br>1530<br>2218 | 0.4<br>1.4<br>0.1<br>1.8 |
| 9 SA | 0442<br>1000<br>1612<br>2318 | 0.5<br>1.2<br>0.1<br>1.8 |
| 10 SU | 0554<br>1048<br>1700 | 0.6<br>1.1<br>0.1 |
| 11 M | 0024<br>0718<br>1148<br>1800 | 1.8<br>0.6<br>1.0<br>0.2 |
| 12 TU | 0130<br>0836<br>1300<br>1906 | 1.8<br>0.6<br>0.9<br>0.2 |
| 13 W | 0242<br>0948<br>1418<br>2012 | 1.8<br>0.6<br>0.9<br>0.3 |
| 14 TH | 0342<br>1042<br>1536<br>2124 | 1.8<br>0.6<br>1.0<br>0.3 |
| 15 F | 0436<br>1124<br>1636<br>2224 | 1.7<br>0.5<br>1.1<br>0.3 |
| 16 SA | 0524<br>1200<br>1730<br>2324 | 1.7<br>0.5<br>1.2<br>0.3 |
| 17 SU | 0606<br>1230<br>1812 | 1.6<br>0.4<br>1.3 |
| 18 M | 0012<br>0642<br>1254<br>1854 | 0.3<br>1.5<br>0.4<br>1.4 |
| 19 TU | 0100<br>0712<br>1318<br>1936 | 0.4<br>1.4<br>0.4<br>1.4 |
| 20 W | 0142<br>0736<br>1348<br>2012 | 0.4<br>1.3<br>0.3<br>1.5 |
| 21 TH | 0224<br>0806<br>1412<br>2054 | 0.5<br>1.2<br>0.3<br>1.5 |
| 22 F | 0306<br>0830<br>1442<br>2130 | 0.5<br>1.2<br>0.3<br>1.5 |
| 23 SA | 0348<br>0900<br>1512<br>2218 | 0.6<br>1.1<br>0.2<br>1.5 |
| 24 SU | 0442<br>0930<br>1548<br>2306 | 0.7<br>1.0<br>0.3<br>1.5 |
| 25 M | 0536<br>1012<br>1630 | 0.7<br>1.0<br>0.3 |
| 26 TU | 0000<br>0648<br>1100<br>1718 | 1.5<br>0.7<br>0.9<br>0.3 |
| 27 W | 0054<br>0800<br>1206<br>1818 | 1.5<br>0.7<br>0.9<br>0.3 |
| 28 TH | 0154<br>0854<br>1336<br>1930 | 1.5<br>0.6<br>0.9<br>0.3 |
| 29 F | 0248<br>0942<br>1454<br>2042 | 1.6<br>0.5<br>0.9<br>0.3 |
| 30 SA | 0342<br>1024<br>1554<br>2148 | 1.6<br>0.4<br>1.1<br>0.3 |

| OCTOBER Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 SU | 0430<br>1100<br>1648<br>2248 | 1.6<br>0.3<br>1.2<br>0.2 |
| 2 M | 0512<br>1136<br>1742<br>2348 | 1.5<br>0.2<br>1.4<br>0.2 |
| 3 TU | 0600<br>1212<br>1830 | 1.5<br>0.1<br>1.5 |
| 4 W | 0042<br>0642<br>1248<br>1918 | 0.2<br>1.4<br>0.0<br>1.7 |
| 5 TH | 0136<br>0724<br>1330<br>2012 | 0.2<br>1.3<br>0.0<br>1.8 |
| 6 F | 0236<br>0806<br>1412<br>2106 | 0.3<br>1.2<br>-0.1<br>1.8 |
| 7 SA | 0336<br>0848<br>1454<br>2200 | 0.3<br>1.1<br>-0.1<br>1.8 |
| 8 SU | 0436<br>0936<br>1542<br>2300 | 0.4<br>1.0<br>0.0<br>1.8 |
| 9 M | 0548<br>1036<br>1636 | 0.4<br>0.9<br>0.0 |
| 10 TU | 0000<br>0700<br>1142<br>1736 | 1.7<br>0.5<br>0.8<br>0.1 |
| 11 W | 0106<br>0812<br>1254<br>1848 | 1.6<br>0.5<br>0.8<br>0.2 |
| 12 TH | 0212<br>0912<br>1412<br>2006 | 1.5<br>0.4<br>0.9<br>0.2 |
| 13 F | 0312<br>0954<br>1530<br>2118 | 1.5<br>0.4<br>1.0<br>0.2 |
| 14 SA | 0406<br>1036<br>1624<br>2224 | 1.4<br>0.3<br>1.1<br>0.3 |
| 15 SU | 0448<br>1106<br>1706<br>2318 | 1.3<br>0.3<br>1.2<br>0.3 |
| 16 M | 0530<br>1136<br>1754 | 1.2<br>0.2<br>1.3 |
| 17 TU | 0006<br>0600<br>1206<br>1830 | 0.3<br>1.2<br>0.2<br>1.4 |
| 18 W | 0048<br>0630<br>1230<br>1912 | 0.3<br>1.1<br>0.1<br>1.4 |
| 19 TH | 0130<br>0700<br>1300<br>1948 | 0.3<br>1.0<br>0.1<br>1.4 |
| 20 F | 0212<br>0724<br>1330<br>2024 | 0.4<br>1.0<br>0.1<br>1.4 |
| 21 SA | 0254<br>0754<br>1400<br>2100 | 0.4<br>0.9<br>0.1<br>1.4 |
| 22 SU | 0336<br>0824<br>1430<br>2142 | 0.4<br>0.8<br>0.1<br>1.4 |
| 23 M | 0424<br>0906<br>1506<br>2230 | 0.5<br>0.8<br>0.1<br>1.4 |
| 24 TU | 0518<br>0948<br>1554<br>2318 | 0.5<br>0.7<br>0.1<br>1.4 |
| 25 W | 0618<br>1048<br>1648 | 0.4<br>0.7<br>0.2 |
| 26 TH | 0012<br>0712<br>1200<br>1754 | 1.4<br>0.4<br>0.7<br>0.2 |
| 27 F | 0106<br>0800<br>1324<br>1906 | 1.3<br>0.3<br>0.8<br>0.2 |
| 28 SA | 0206<br>0848<br>1436<br>2024 | 1.3<br>0.2<br>0.9<br>0.2 |
| 29 SU | 0300<br>0930<br>1536<br>2136 | 1.3<br>0.1<br>1.1<br>0.2 |
| 30 M | 0348<br>1012<br>1630<br>2242 | 1.2<br>0.0<br>1.2<br>0.1 |
| 31 TU | 0436<br>1054<br>1724<br>2342 | 1.2<br>-0.1<br>1.4<br>0.1 |

| NOVEMBER Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 W | 0524<br>1130<br>1812 | 1.1<br>-0.2<br>1.6 |
| 2 TH | 0036<br>0606<br>1212<br>1906 | 0.1<br>1.0<br>-0.3<br>1.7 |
| 3 F | 0136<br>0654<br>1254<br>1954 | 0.1<br>0.9<br>-0.3<br>1.7 |
| 4 SA | 0230<br>0742<br>1342<br>2042 | 0.1<br>0.8<br>-0.3<br>1.7 |
| 5 SU | 0330<br>0830<br>1430<br>2142 | 0.1<br>0.8<br>-0.3<br>1.7 |
| 6 M | 0430<br>0924<br>1518<br>2236 | 0.2<br>0.7<br>-0.2<br>1.6 |
| 7 TU | 0530<br>1024<br>1618<br>2336 | 0.2<br>0.7<br>-0.1<br>1.4 |
| 8 W | 0630<br>1130<br>1724 | 0.2<br>0.6<br>0.0 |
| 9 TH | 0036<br>0730<br>1248<br>1836 | 1.3<br>0.2<br>0.7<br>0.1 |
| 10 F | 0136<br>0824<br>1400<br>1948 | 1.2<br>0.2<br>0.8<br>0.1 |
| 11 SA | 0230<br>0906<br>1506<br>2106 | 1.1<br>0.1<br>0.9<br>0.1 |
| 12 SU | 0318<br>0942<br>1600<br>2206 | 1.0<br>0.1<br>1.0<br>0.1 |
| 13 M | 0406<br>1018<br>1648<br>2306 | 0.9<br>0.0<br>1.1<br>0.1 |
| 14 TU | 0442<br>1048<br>1730<br>2354 | 0.8<br>-0.1<br>1.2<br>0.1 |
| 15 W | 0518<br>1118<br>1812 | 0.8<br>-0.1<br>1.2 |
| 16 TH | 0036<br>0548<br>1148<br>1848 | 0.1<br>0.7<br>-0.1<br>1.3 |
| 17 F | 0118<br>0624<br>1218<br>1924 | 0.2<br>0.7<br>-0.2<br>1.3 |
| 18 SA | 0200<br>0654<br>1254<br>2000 | 0.2<br>0.6<br>-0.2<br>1.3 |
| 19 SU | 0242<br>0724<br>1324<br>2036 | 0.2<br>0.6<br>-0.2<br>1.3 |
| 20 M | 0324<br>0806<br>1400<br>2118 | 0.2<br>0.5<br>-0.2<br>1.3 |
| 21 TU | 0406<br>0842<br>1436<br>2200 | 0.2<br>0.5<br>-0.2<br>1.2 |
| 22 W | 0454<br>0942<br>1530<br>2248 | 0.1<br>0.5<br>-0.1<br>1.2 |
| 23 TH | 0542<br>1042<br>1630<br>2336 | 0.1<br>0.5<br>-0.1<br>1.1 |
| 24 F | 0624<br>1154<br>1736 | 0.0<br>0.6<br>0.0 |
| 25 SA | 0024<br>0712<br>1306<br>1854 | 1.0<br>0.0<br>0.7<br>0.0 |
| 26 SU | 0118<br>0800<br>1412<br>2012 | 1.0<br>-0.1<br>0.8<br>0.0 |
| 27 M | 0218<br>0842<br>1518<br>2124 | 0.9<br>-0.2<br>1.0<br>0.0 |
| 28 TU | 0312<br>0924<br>1612<br>2230 | 0.8<br>-0.3<br>1.2<br>0.0 |
| 29 W | 0400<br>1012<br>1706<br>2336 | 0.7<br>-0.4<br>1.3<br>-0.1 |
| 30 TH | 0454<br>1054<br>1800 | 0.7<br>-0.5<br>1.4 |

| DECEMBER Day | Time h.m. | Ht. ft. |
|---|---|---|
| 1 F | 0036<br>0542<br>1142<br>1848 | -0.1<br>0.6<br>-0.6<br>1.5 |
| 2 SA | 0136<br>0630<br>1230<br>1942 | -0.1<br>0.5<br>-0.6<br>1.5 |
| 3 SU | 0224<br>0718<br>1318<br>2030 | -0.1<br>0.5<br>-0.6<br>1.5 |
| 4 M | 0318<br>0812<br>1412<br>2124 | -0.1<br>0.5<br>-0.5<br>1.4 |
| 5 TU | 0412<br>0906<br>1506<br>2212 | -0.1<br>0.5<br>-0.4<br>1.2 |
| 6 W | 0500<br>1012<br>1600<br>2306 | -0.1<br>0.5<br>-0.3<br>1.1 |
| 7 TH | 0548<br>1118<br>1706 | -0.1<br>0.5<br>-0.2 |
| 8 F | 0000<br>0636<br>1224<br>1818 | 1.0<br>-0.1<br>0.5<br>-0.1 |
| 9 SA | 0048<br>0724<br>1330<br>1930 | 0.8<br>-0.1<br>0.6<br>-0.1 |
| 10 SU | 0136<br>0806<br>1430<br>2036 | 0.7<br>-0.2<br>0.7<br>0.0 |
| 11 M | 0224<br>0842<br>1524<br>2142 | 0.6<br>-0.2<br>0.8<br>0.0 |
| 12 TU | 0306<br>0924<br>1618<br>2242 | 0.5<br>-0.3<br>0.9<br>0.0 |
| 13 W | 0348<br>1000<br>1706<br>2336 | 0.5<br>-0.3<br>0.9<br>0.0 |
| 14 TH | 0430<br>1036<br>1748 | 0.4<br>-0.4<br>1.0 |
| 15 F | 0024<br>0512<br>1112<br>1824 | 0.0<br>0.4<br>-0.4<br>1.0 |
| 16 SA | 0106<br>0548<br>1148<br>1900 | 0.0<br>0.3<br>-0.4<br>1.1 |
| 17 SU | 0148<br>0630<br>1224<br>1942 | -0.1<br>0.3<br>-0.5<br>1.1 |
| 18 M | 0224<br>0706<br>1300<br>2018 | -0.1<br>0.3<br>-0.5<br>1.1 |
| 19 TU | 0306<br>0748<br>1342<br>2054 | -0.1<br>0.3<br>-0.4<br>1.1 |
| 20 W | 0342<br>0842<br>1430<br>2136 | -0.1<br>0.3<br>-0.4<br>1.0 |
| 21 TH | 0424<br>0930<br>1518<br>2218 | -0.2<br>0.4<br>-0.4<br>0.9 |
| 22 F | 0500<br>1036<br>1618<br>2300 | -0.2<br>0.4<br>-0.3<br>0.9 |
| 23 SA | 0542<br>1136<br>1724<br>2348 | -0.3<br>0.5<br>-0.2<br>0.8 |
| 24 SU | 0630<br>1248<br>1842 | -0.4<br>0.6<br>-0.2 |
| 25 M | 0042<br>0712<br>1354<br>2000 | 0.7<br>-0.4<br>0.8<br>-0.1 |
| 26 TU | 0136<br>0800<br>1454<br>2118 | 0.5<br>-0.5<br>0.9<br>-0.1 |
| 27 W | 0230<br>0848<br>1554<br>2230 | 0.5<br>-0.6<br>1.0<br>-0.2 |
| 28 TH | 0330<br>0942<br>1654<br>2336 | 0.4<br>-0.7<br>1.2<br>-0.2 |
| 29 F | 0424<br>1030<br>1748 | 0.3<br>-0.7<br>1.2 |
| 30 SA | 0030<br>0518<br>1124<br>1836 | -0.2<br>0.3<br>-0.8<br>1.3 |
| 31 SU | 0124<br>0612<br>1212<br>1930 | -0.3<br>0.3<br>-0.8<br>1.3 |

TIME MERIDIAN 75° W. 0000 IS MIDNIGHT. 1200 IS NOON.
HEIGHTS ARE RECKONED FROM THE DATUM OF SOUNDINGS ON CHARTS OF THE LOCALITY WHICH IS MEAN LOW WATER.

CAUTION
Small craft should stay clear of large commercial and government vessels even if small craft have the right-of-way.
All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.

HEAD OF CHESAPEAKE BAY
SOUNDINGS IN FEET - SCALE 1:40,000