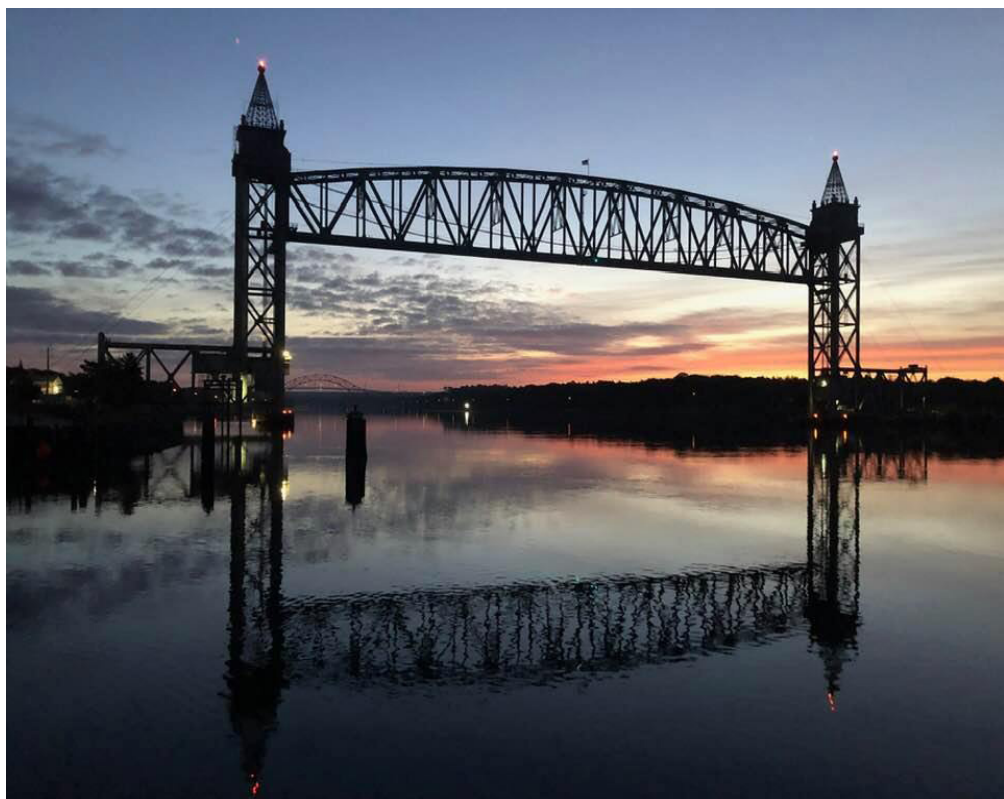

CAPE COD CANAL 2021 TIDE TABLES



US Army Corps
of Engineers®
New England District

CAPE COD CANAL

OPERATED AND MAINTAINED
BY THE
DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT
CORPS OF ENGINEERS

FOR FURTHER INFORMATION:

CAPE COD CANAL FIELD OFFICE
40 ACADEMY DRIVE
P.O. BOX 1555
BUZZARDS BAY, MA 02532-1555

ADMINISTRATIVE OFFICE
TEL. 508-759-4431

COVER PHOTO: Sunrise at the Railroad Bridge, Cape Cod Canal,
Buzzards Bay

PHOTO CREDIT: Richard A. Patterson - U.S. Army Corps of
Engineers

The tide data contained in this booklet is available on our website at
www.nae.usace.army.mil/Missions/Recreation/CapeCodCanal.aspx

SUMMARY OF SMALL CRAFT REGULATIONS

Complete Canal Regulations: Title 33 Code of Federal Regulations part 207.20

The Cape Cod Canal Project extends from Cape Cod Bay to Cleveland Ledge Light in Buzzards Bay. Vessels under 65 feet in length may enter the Canal without obtaining clearance. Vessels **65** feet in length and over shall not enter the Canal Project until clearance has been obtained from the Marine Traffic Control Center. A controller is on duty 24 hours a day, seven days a week. Vessels should call "Cape Cod Canal Control" on vhf channel 13 to establish contact. Communications will then be switched to vhf channel 12 or 14 as the working channel. All vessels regardless of size should monitor vhf channel 13 during the entire passage through the canal.

The Canal is open for passage to adequately powered vessels properly equipped and seaworthy. Sailboats are required to have and use auxiliary power during passage. Due to the strong tidal currents, low-powered vessels should await slack water or favorable current.

Canoes, kayaks, paddleboards, windsurfers and jet skis are not permitted to operate within the Canal.

The speed limit within the Canal is 10 miles per hour and no excessive wake.

Fishing and lobstering by boat in the Canal channel are prohibited. Fishing by boat is permitted in the area west of the State Pier, Buzzards Bay, provided that vessels stay out of the channel as defined by buoys and beacons.

Swimming, snorkeling and scuba diving within the Canal are prohibited.

When the Railroad Bridge is in a lowered (down) position, vessels proceeding with a fair tide are cautioned to turn and stem the current in proximity of the State Pier, Buzzards Bay or at a location approximately midway between the Bourne Highway and Railroad Bridges until the lift span is put in a raised (open) position.

Vessels within the limits of the Canal shall comply with all applicable navigation rules. Deep draft vessels passing through the Canal have the right of way. Smaller vessels shall be operated as to not interfere with navigation of larger commercial vessels. Stopping and anchoring in the Canal channel are prohibited except in emergencies. Vessels are required to notify the Marine Traffic Control Center immediately if an emergency situation has developed.

RIGHT WHALES

Right whales are the rarest whales in the world and are protected from disturbance and injury by the Endangered Species Act of 1973 and the Marine Mammal Protection Act of 1972. Because this species frequently lies at the surface, it is vulnerable to collisions with ships. In general, right whales are in the Cape Cod Bay habitat to feed between January through June.

Mariners operating in the coastal waters of the northeast United States should inform all watches to look for right whales. During nighttime and other periods of reduced visibility, vessel operators should use the slowest safe speed for navigation to reduce the risk of collisions with the whales.

Adult right whales are medium in size and are 45 to 55 feet long. Calves are 15 to 20 feet long and are usually with their mothers. Right whales have distinct "V" shaped blows, no dorsal fin, short and broad flippers, and deeply notched tail flukes with smooth trailing edges. Right whales have black skin with rough patches of skin or callosities on their head.

ACTIONS TO PROTECT RIGHT WHALES AND OTHER WHALES:

- In an effort to avoid collisions, the U.S. Army Corps of Engineers Marine Traffic Controllers will alert shippers of right whale locations as reported to them by the National Marine Fisheries Service. Sighting reports are weather and resource dependent and do not necessarily represent the location of all right whales.
- Avoid excessive speed or sudden changes in speed or direction when in sight of whale(s) less than 1,500 feet away.
- It is illegal to approach a right whale within 500 yards. A 500 yard buffer zone must be maintained between the vessel and the right whale. A vessel must depart immediately from the buffer zone created by the surfacing of a right whale.

MINUS TIDES 2021

U.S. Army
Corps of Engineers

	PINEY POINT	SANDWICH		PINEY POINT	SANDWICH
JANUARY	1 - 17* 28 - 31*	1 - 4* 8 - 11* 15 - 16* 28 - 31* 12 - 14**	JULY	13 - 17* 24 - 26*	12 - 14* 20 - 28* 23 - 26**
FEBRUARY	1 - 6* 8 - 16* 25 - 28*	1 - 3* 7 - 14* 26 - 28*	AUGUST	10 - 14*	9 - 13* 17 - 25*
MARCH	1 - 5* 9 - 12* 16 - 17* 26 - 31*	1 - 6* 11 - 13* 26 - 28* 30 - 31* 29 - 31**	SEPTEMBER	7 - 12*	6 - 13* 15* 17 - 20*
APRIL	1 - 2* 24 - 30*	3 - 4* 24 - 30* 1 - 2** 26 - 30**	OCTOBER	5 - 11*	5 - 12* 14* 20 - 22* 7 - 10**
MAY	1* 22 - 30*	2 - 3* 23 - 29* 31* 1** 25 - 30**	NOVEMBER	2 - 9* 29 - 30*	2 - 8* 10 - 11* 4 - 9**
JUNE	20 - 28*	1* 21 - 27* 29 - 30* 23 - 28**	DECEMBER	1 - 8* 22 - 31*	1 - 10* 30 - 31* 3 - 8**

DATUM: MEAN LOWER LOW (M.L.L.W.)

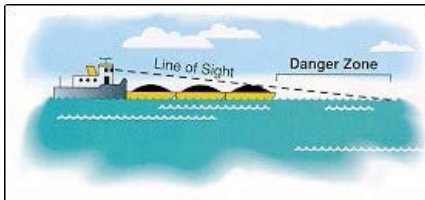
* INDICATES PREDICTED MINUS TIDES FROM -0.1 FT. TO -1.0 FT.

** INDICATES PREDICTED MINUS TIDES FROM -1.1 FT. TO -2.0 FT.

Cape Cod Canal - OPERATION SAFE TRANSIT

Small boats must always KEEP CLEAR of ships.

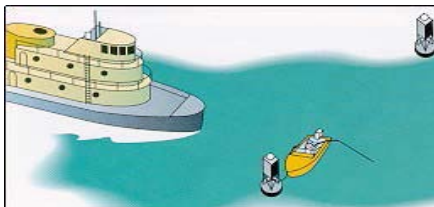
- STAY CLEAR of large marine traffic such as tankers, cruise ships and tug and barge combinations.
- Once a large commercial vessel enters the Canal it is unable to stop due to the narrow channel limits and swift currents.
- Due to their size, large commercial vessels are unable to quickly maneuver to avoid a collision. Stay clear!
- Large commercial ships have a blind spot directly in front of their bow that can extend for hundreds of feet. This danger zone should be avoided at all times.



OBSTRUCTING NAVIGATION WITHIN THE LIMITS OF THE CAPE COD CANAL IS PROHIBITED

The following are obstructions to navigation:

- Fishing
- Stopping
- Anchoring
- Unnecessarily idling at a low speed
- Low powered vessels not making adequate headway



NAVIGATION RULE # 9 IT'S THE LAW!

States as follows:

- (a) A vessel proceeding along the course of a narrow channel or fairway shall keep as near to the outer limit of the channel or fairway which lies on her starboard side as is safe and practicable.
- (b) A vessel of less than 20 meters in length or a sailing vessel shall not impede the passage of a vessel *that* can safely navigate only within a narrow channel or fairway.
- (c) A vessel engaged in fishing shall not impede the passage of any other vessel navigating within a narrow channel or fairway.
- (d) A vessel shall not cross a narrow channel or fairway if such crossing impedes the passage of a vessel which can safely navigate only within such channel or fairway.

Link to a safe transit -

<http://www.nae.usace.army.mil/Portals/74/docs/Recreation/CCCRcBoatGuide.pdf>

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS EAST WEST AM PM AM PM				JANUARY 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
HIGH		LOW				HIGH		LOW		HIGH		LOW					
AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
0448	1712	1054	2342	Friday	1	0916	2145	0210*	1454*	1020	2243	0316	1747	0026	1232	0625	1900*
0530	1754	1142	----	Saturday	2	1001	2232	0258*	1534*	1100	2327	0358	1843	0109	1317	0710	1945*
0618	1842	0030	1230	Sunday	3	1050	2325	0344*	1615*	1144	----	0441	1939	0154	1404	0758	2031*
0706	1930	0118	1324	Monday	4	1144	----	0433*	1702*	0017	1235	0534	2029	0241	1454	0849	2119*
0800	2030	0206	1418	Tuesday	5	0021	1242	0532*	1759*	0111	1329	0851	2117	0331	1548	0943	2210
0900	2124	0300	1518	Wednesday	6	0117	1338	0646	1904*	0206	1425	0951	2208	0423	1646	1040	2303
1000	2224	0354	1618	Thursday	7	0212	1435	0758	2006*	0305	1528	1052	2303	0518	1747	1140	2359
1100	2324	0448	1724	Friday	8	0312	1541	0911	2107*	0413	1643	1151*	2357	0616	1850	----	1240*
----	1200	0548	1830	Saturday	9	0418	1647	1042*	2213*	0522	1750	----	1247*	0714	1952	0056	1341*
0024	1300	0642	1930	Sunday	10	0516	1742	1151*	2315*	0620	1845	0051	1344*	0812	2052	0154	1439*
0118	1354	0736	2024	Monday	11	0606	1831	----	1249*	0712	1935	0149	1441*	0909	2150	0250	1535*
0218	1448	0836	2124	Tuesday	12	0654	1919	0009*	1352*	0803	2027	0249*	1535*	1004	2244	0346	1629**
0312	1542	0924	2212	Wednesday	13	0742	2009	0102*	1440*	0854	2118	0343*	1624*	1057	2336	0439	1721**
0400	1630	1018	2306	Thursday	14	0830	2058	0200*	1510*	0944	2207	0431*	1711*	1148	----	0532	1811**
0454	1718	1112	2354	Friday	15	0917	2145	0245*	1529*	1031	2254	0519	1800*	0025	1237	0622	1858*
0542	1812	----	1200	Saturday	16	1002	2231	0321*	1549*	1117	2342	0612	1852*	0113	1325	0711	1944*
0542	1812	----	1200	Saturday	16	1002	2231	0321*	1549*	1117	2342	0612	1852*	0113	1325	0711	1944*
0636	1900	0042	1254	Sunday	17	1048	2319	0354	1616*	----	1205	0711	1944	0200	1412	0800	2030
0730	1948	0130	1342	Monday	18	1137	----	0429	1649	0033	1254	0806	2031	0246	1500	0849	2116
0818	2042	0218	1436	Tuesday	19	0010	1228	0513	1730	0125	1343	0856	2116	0332	1549	0939	2202
0912	2130	0312	1524	Wednesday	20	0100	1318	0614	1825	0215	1431	0946	2200	0419	1639	1030	2249
1012	2224	0400	1618	Thursday	21	0148	1408	0727	1922	0308	1524	1038	2246	0506	1732	1122	2338
1100	2312	0448	1712	Friday	22	0239	1503	1029	2012	0414	1635	1128	2330	0555	1826	----	1216
1154	----	0530	1806	Saturday	23	0337	1607	1122	2103	0521	1739	----	1215	0646	1921	0028	1309
0000	1236	0618	1854	Sunday	24	0436	1703	----	1200	0611	1823	0006	1259	0736	2013	0119	1401
								----	2158			----	2327				
0048	1318	0700	1942	Monday	25	0525	1748	1151	2249	0650	1901	----	1346	0825	2102	0209	1450
0130	1400	0742	2024	Tuesday	26	0607	1828	1156	2334	0726	1937	0005	1435	0912	2149	0257	1538
0212	1442	0824	2106	Wednesday	27	0646	1909	----	1229	0802	2015	0046	1520	0958	2234	0345	1624
0254	1524	0906	2148	Thursday	28	0727	1952	0019*	1309*	0840	2057	0132	1600*	1043	2318	0431	1709*
0336	1600	0948	2230	Friday	29	0811	2037	0107*	1353*	0920	2140	0229	1638*	1127	----	0517	1752*
0418	1642	1030	2312	Saturday	30	0856	2123	0159*	1436*	1000	2223	0326	1716*	0001	1212	0603	1836*
0506	1730	1118	----	Sunday	31	0941	2209	0249*	1516*	1042	2308	0410	1801*	0045	1258	0650	1920*

THE CAPE COD CANAL EXTENDS FROM CAPE COD BAY ENTRANCE TO
CLEVELAND LEDGE LIGHT IN BUZZARDS BAY

EASTERN STANDARD TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

**U.S. Army
Corps of Engineers
Cape Cod Canal**

RAILROAD BRIDGE CURRENT TURNS				FEBRUARY 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
EAST		WEST				HIGH		LOW		HIGH		LOW		HIGH		LOW	
AM	PM	AM	PM			AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
0548	1818	0000	1212	Monday	1	1028	2259	0335*	1556*	1127	2357	0455	1901	0129	1345	0738	2006*
0642	1906	0048	1306	Tuesday	2	1121	2355	0421*	1640*	----	1218	0729	1959	0216	1436	0829	2054*
0736	2000	0136	1400	Wednesday	3	----	1218	0515*	1732*	0051	1312	0835	2053	0306	1530	0923	2145*
0830	2100	0230	1500	Thursday	4	0052	1316	0624*	1836*	0146	1408	0935	2149	0358	1628	1020	2239
0936	2200	0324	1600	Friday	5	0149	1414	0741	1944*	0245	1509	1037*	2250	0454	1729	1119	2336
1036	2300	0424	1706	Saturday	6	0249	1520	0907	2051*	0352	1623	1137*	2349	0554	1833	----	1221
1142	----	0524	1812	Sunday	7	0358	1631	1110	2216	0506	1735	----	1234*	0656	1938	0036	1324*
0006	1242	0624	1912	Monday	8	0502	1730	----	1209*	0608	1831	0045	1330*	0757	2041	0137	1424*
								----	2337*								
0106	1336	0724	2012	Tuesday	9	0554	1819	----	1304*	0700	1921	0142	1427*	0857	2138	0235	1521*
0200	1430	0818	2106	Wednesday	10	0640	1904	0035*	1356*	0749	2010	0239*	1519*	0952	2231	0332	1615*
0254	1524	0912	2154	Thursday	11	0725	1950	0135*	1437*	0838	2059	0331*	1606*	1044	2320	0425	1704*
0342	1612	1000	2242	Friday	12	0810	2035	0219*	1501*	0925	2146	0416*	1648*	1132	----	0515	1750*
0436	1700	1048	2330	Saturday	13	0853	2118	0241*	1504*	1009	2230	0458	1729*	0004	1217	0602	1833*
0524	1742	1136	----	Sunday	14	0934	2158	0302*	1517*	1052	2314	0541	1812	0046	1300	0648	1915*
0612	1830	0012	1230	Monday	15	1015	2240	0329	1540*	1134	2359	0631	1900	0128	1343	0732	1956
0700	1918	0100	1318	Tuesday	16	1059	2326	0359	1609*	----	1218	0726	1948	0208	1427	0817	2038
0748	2006	0148	1406	Wednesday	17	1147	----	0433	1643	0045	1303	0817	1745	0250	1511	0903	2121
0842	2054	0230	1454	Thursday	18	0016	1238	0516	1726	0132	1347	0905	1836	0333	1558	0950	2206
0930	2142	0318	1548	Friday	19	0107	1329	0615	1822	0218	1431	0954	1946	0418	1648	1040	2254
1024	2236	0400	1636	Saturday	20	0157	1421	0722	1923	0310	1522	1047	2045	0507	1741	1133	2346
1112	2324	0448	1730	Sunday	21	0252	1522	0824	2020	0425	1643	1139	2143	0559	1838	----	1228
----	1200	0536	1818	Monday	22	0356	1628	0931	2119	0534	1745	----	1225	0654	1934	0040	1323
												----	2301				
0012	1242	0618	1906	Tuesday	23	0454	1720	1042	2222	0619	1827	----	1311	0748	2027	0134	1416
												----	2359				
0100	1324	0706	1948	Wednesday	24	0541	1804	1124	2316	0656	1905	----	1358	0840	2117	0225	1506
0142	1412	0754	2036	Thursday	25	0622	1844	----	1202*	0732	1945	0043	1446	0929	2204	0316	1553
0224	1454	0836	2118	Friday	26	0704	1927	0005*	1242*	0811	2029	0139	1529*	1017	2249	0405	1639*
0312	1536	0924	2200	Saturday	27	0747	2012	0054*	1326*	0855	2115	0312	1608*	1104	2333	0453	1725*
0354	1618	1012	2248	Sunday	28	0833	2059	0147*	1412*	0939	2201	0400*	1644*	1151	----	0541*	1809*

MONITOR VHF CHANNEL 13 DURING TRANSIT OF THE CANAL

EASTERN STANDARD TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

**U.S. Army
Corps of Engineers
Cape Cod Canal**

RAILROAD BRIDGE CURRENT TURNS				MARCH 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
EAST		WEST				HIGH		LOW		HIGH		LOW		HIGH		LOW	
AM	PM	AM	PM			AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
0442	1706	1100	2330	Monday	1	0920	2146	0237*	1455*	1024	2248	0446* 1722*	0018	1238	0629*	1854*	
0530	1754	1154	----	Tuesday	2	1008	2235	0324*	1537*	1111	2337	0552* 1819*	0104	1327	0718*	1941*	
0618	1842	0018	1248	Wednesday	3	1059	2330	0408*	1620*	----	1202	0712* 1933	0151	1419	0809*	2030*	
0712	1936	0112	1342	Thursday	4	1157	----	0458*	1708*	0031	1257	0818* 2035	0242	1513	0904*	2122	
0812	2036	0206	1442	Friday	5	0030	1257	0603	1812*	0128	1354	0918* 2135	0336	1612	1001*	2218	
0912	2142	0300	1548	Saturday	6	0129	1357	0731	1929	0228	1454	1020* 2238	0433	1714	1101*	2317	
1018	2248	0400	1654	Sunday	7	0230	1502	0950	2055	0334	1605	1121* 2339	0535	1820	----	1204	
1124	2348	0500	1754	Monday	8	0338	1615	1109	2310	0450	1720	----	0641	1927	0020	1308	
----	1224	0606	1854	Tuesday	9	0446	1716	----	1203*	0555	1818	0035 1313*	0746	2030	0123	1409	
0048	1324	0706	1954	Wednesday	10	0540	1804	0008	1251*	0647	1906	0130 1407*	0846	2125	0223	1505	
0142	1412	0800	2042	Thursday	11	0624	1846	0100	1338*	0733	1952	0224* 1458*	0940	2215	0319	1556*	
0236	1500	0854	2130	Friday	12	0705	1927	0149	1416*	0819	2038	0314* 1543*	1029	2258	0410	1642*	
0324	1548	0942	2218	Saturday	13	0746	2008	0226	1435	0903	2123	0358* 1622	1114	2338	0457	1724*	
0512	1730	1130	----	Sunday	14	0926	2147	0335	1522	1046	2305	0537 1757	----	1255	0641	1904	
0600	1818	0000	1212	Monday	15	1006	2226	0339	1538	1126	2345	0613 1827	0116	1335	0723	1943	
0642	1900	0042	1300	Tuesday	16	1044	2304	0401	1604*	----	1205	0650 1707	0153	1414	0804	2022	
0730	1942	0124	1348	Wednesday	17	1124	2346	0430	1634*	0025	1245	0740 1733	0231	1455	0845	2102	
0812	2030	0206	1436	Thursday	18	----	1209	0502	1707	0105	1325	0837 1805	0310	1537	0929	2144	
0900	2118	0248	1524	Friday	19	0034	1300	0539	1745	0147	1407	0928 1845	0351	1622	1014	2228	
0948	2206	0330	1612	Saturday	20	0127	1354	0627	1834	0229	1447	1016 1945	0435	1710	1102	2316	
1036	2254	0418	1700	Sunday	21	0220	1447	0731	1940	0310	1529	1108 2105	0524	1802	1154	----	
1130	2348	0500	1748	Monday	22	0313	1543	0839	2046	0400	1624	----	0617	1858	0008	1249	
												----	2213				
----	1218	0554	1842	Tuesday	23	0413	1649	0942	2149	0524	1748	----	0714	1956	0103	1345	
0036	1306	0642	1930	Wednesday	24	0518	1749	1046	2256	0634	1849	0026 1334	0812	2051	0200	1440	
0124	1354	0736	2018	Thursday	25	0612	1836	1144	2358	0719	1933	0108 1417	0907	2142	0254	1531	
0212	1436	0824	2100	Friday	26	0656	1918	----	1229*	0800	2016	0152 1503	0959	2231	0347	1620*	
0300	1524	0912	2148	Saturday	27	0739	2001	0049*	1312*	0842	2101	0257* 1550*	1050	2318	0438	1708*	
0342	1612	1000	2236	Sunday	28	0823	2046	0139*	1356*	0929	2150	0404* 1634*	1140	----	0528*	1754*	
0430	1654	1054	2318	Monday	29	0910	2134	0231*	1444*	1017	2239	0457* 1714*	0004	1229	0618**	1841**	
0518	1742	1142	----	Tuesday	30	0959	2223	0323*	1532*	1106	2328	0548* 1753*	0051	1318	0708**	1928*	
0606	1830	0006	1236	Wednesday	31	1048	2313	0411*	1617*	1155	----	0646* 1850	0138	1409	0758**	2017*	

DEEP DRAFT VESSELS TRANSITING THE CANAL HAVE THE RIGHT OF WAY

DAYLIGHT SAVING STARTS 0200 SUNDAY, MARCH 14

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS EAST WEST AM PM AM PM				APRIL 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
						HIGH AM	LOW PM	LOW AM	HIGH PM	HIGH AM	LOW PM	LOW AM	HIGH PM	HIGH AM	LOW PM	LOW AM	HIGH PM
0700	1924	0054	1330	Thursday	1	1140	----	0456*	1701*	0018	1246	0756*	2013	0227	1502	0850**	2108
0754	2018	0148	1430	Friday	2	0008	1238	0543*	1749*	0113	1342	0901*	2120	0320	1558	0945**	2202
0848	2118	0242	1530	Saturday	3	0109	1341	0645	1853	0212	1441	1001*	2221	0416	1657	1043*	2259
0954	2224	0336	1630	Sunday	4	0210	1442	0843	2029	0312	1540	1100*	2323	0516	1800	1143*	----
1100	2330	0442	1736	Monday	5	0311	1544	1042	2258	0416	1647	----	1200*	0619	1906	0001	1246
----	1206	0542	1836	Tuesday	6	0416	1654	1151	----	0530	1801	0023	1257*	0726	2013	0105	1350
0030	1306	0648	1936	Wednesday	7	0524	1757	0010	1242	0637	1901	0119	1349*	0832	2114	0209	1450
0130	1400	0748	2030	Thursday	8	0619	1844	0102	1327	0729	1948	0212	1440	0931	2206	0309	1543
0224	1448	0842	2118	Friday	9	0703	1924	0150	1407	0813	2031	0304	1529	1023	2251	0402	1630
0312	1536	0930	2200	Saturday	10	0742	2001	0235	1441	0856	2114	0353	1614	2330	2330	0450	1713
0400	1624	1018	2248	Sunday	11	0819	2038	0313	1425	0938	2157	0437	1652	1151	----	0535	1753
0448	1706	1106	2330	Monday	12	0858	2115	0324	1428	1020	2238	0514	1724	0008	1230	0616	1832
0530	1748	1148	----	Tuesday	13	0937	2154	0309	1455	1100	2317	0548	1559	0043	1308	0656	1910
0612	1830	0006	1236	Wednesday	14	1016	2232	0333	1528	1138	2354	0620	1629	0119	1347	0736	1949
0700	1912	0048	1318	Thursday	15	1055	2313	0403	1602	----	1215	0657	1702	0156	1426	0816	2029
0742	1954	0130	1406	Friday	16	1138	2358	0436	1638	0029	1252	0759	1735	0234	1507	0858	2110
0824	2036	0206	1448	Saturday	17	----	1227	0512	1716	0106	1331	0857	1811	0315	1551	0943	2155
0906	2124	0248	1536	Sunday	18	0050	1323	0555	1802	0145	1413	0946	1900	0400	1639	1030	2243
0954	2218	0336	1624	Monday	19	0146	1418	0652	1904	0228	1457	1033	2028	0448	1730	1121	2335
1042	2312	0424	1712	Tuesday	20	0240	1511	0802	2018	0314	1546	1123	2156	0541	1824	----	1214
1136	----	0518	1800	Wednesday	21	0335	1610	0905	2124	0410	1650	----	1211	0638	1920	0030	1309
0000	1230	0612	1854	Thursday	22	0437	1712	1003	2231	0529	1805	0002	1254	0736	2015	0128	1403
0054	1318	0706	1942	Friday	23	0538	1806	1102	2337	0637	1901	0056	1334	0834	2107	0224	1455
0142	1406	0800	2030	Saturday	24	0629	1852	1154*	----	0727	1948	0146	1413	0929	2157	0319	1546*
0230	1454	0848	2118	Sunday	25	0714	1936	0031*	1241*	0815	2036	0245*	1459*	1023	2246	0412*	1635*
0318	1542	0942	2206	Monday	26	0759	2021	0122*	1328*	0904	2126	0349*	1556*	1115	2335	0504**	1724*
0412	1630	1036	2254	Tuesday	27	0847	2111	0214*	1417*	0956	2218	0446*	1648*	----	1207	0555**	1813*
0500	1718	1130	2342	Wednesday	28	0938	2202	0309*	1510*	1048	2309	0539*	1737*	0024	1259	0647**	1903*
0548	1812	----	1224	Thursday	29	1029	2254	0359*	1600*	1139	----	0635*	1838	0114	1351	0739**	1954*
0642	1906	0030	1318	Friday	30	1122	2348	0445*	1646*	0001	1231	0739*	1956	0206	1445	0832**	2047*

NO FISHING FROM A BOAT WITHIN THE CANAL LIMITS

DAYLIGHT SAVING TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS EAST WEST AM PM AM PM				MAY 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
						HIGH		LOW		HIGH		LOW		HIGH		LOW	
						AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
0736	2000	0124	1418	Saturday	1	----	1220	0531*	1734	0056	1327	0843*	2104	0300	1542	0927**	2143
0830	2100	0224	1512	Sunday	2	0048	1323	0630	1837	0155	1426	0942*	2204	0358	1642	1025*	2242
0936	2206	0324	1612	Monday	3	0150	1424	0852	2105	0255	1524	1038*	2303	0458	1744	1124*	2343
1036	2312	0424	1712	Tuesday	4	0248	1522	1014	2246	0355	1626	1135*	----	0601	1848	----	1224
1142	----	0524	1812	Wednesday	5	0347	1625	1120	2352	0501	1736	0002	1230*	0706	1951	0047	1325
0012	1236	0624	1906	Thursday	6	0451	1727	----	1212	0610	1838	0057	1320*	0810	2048	0149	1421
0106	1330	0724	2000	Friday	7	0550	1817	0043	1254	0704	1926	0148	1407	0907	2136	0247	1512
0200	1418	0818	2048	Saturday	8	0636	1857	0129	1329	0749	2008	0237	1453	0958	2218	0339	1557
0248	1506	0906	2130	Sunday	9	0715	1933	0212	1339	0830	2049	0326	1538	1043	2257	0425	1639
0336	1554	0954	2212	Monday	10	0752	2008	0252	1321	0912	2130	0411	1618	1124	2334	0508	1720
0424	1636	1042	2254	Tuesday	11	0829	2045	0312	1342	0954	2211	0451	1431	----	1203	0549	1800
0506	1718	1124	2336	Wednesday	12	0909	2124	0237	1415	1034	2250	0526	1511	0011	1242	0629	1839
0548	1754	----	1206	Thursday	13	0949	2205	0305	1453	1113	2326	0559	1555	0048	1321	0709	1919
0624	1836	0012	1248	Friday	14	1030	2246	0339	1534	1148	----	0636	1635	0126	1400	0750	2000
0706	1918	0048	1330	Saturday	15	1113	2329	0415	1613	0000	1224	0729	1712	0205	1442	0832	2042
0742	2006	0130	1418	Sunday	16	----	1200	0451	1654	0033	1302	0829	1748	0246	1525	0916	2127
0824	2048	0212	1500	Monday	17	0019	1255	0532	1739	0112	1345	0919	1833	0331	1612	1003	2215
0912	2142	0300	1548	Tuesday	18	0114	1350	0623	1838	0157	1432	1003	1958	0419	1701	1051	2306
1006	2230	0348	1636	Wednesday	19	0209	1443	0727	1953	0245	1521	1046	2240	0510	1753	1142	----
1100	2330	0442	1724	Thursday	20	0302	1536	0831	2102	0337	1617	1130	2345	0606	1846	0001	1234
1154	----	0536	1818	Friday	21	0359	1636	0927	2207	0439	1725	----	1213	0704	1941	0058	1328
0024	1248	0636	1912	Saturday	22	0502	1735	1024*	2313	0555	1830	0042	1252	0803	2034	0156	1421
0118	1336	0730	2000	Sunday	23	0600	1826	1120*	----	0658	1923	0135*	1327	0901	2126	0252	1513*
0206	1430	0830	2054	Monday	24	0650	1913	0013*	1213*	0750	2013	0232*	1404*	0957	2218	0347*	1604*
0300	1524	0924	2142	Tuesday	25	0737	2000	0105*	1302*	0842	2104	0335*	1517*	1052	2310	0441**	1656*
0348	1612	1018	2230	Wednesday	26	0826	2050	0159*	1354*	0935	2158	0434*	1631*	1147	----	0535**	1748*
0442	1706	1112	2324	Thursday	27	0918	2143	0257*	1450*	1029	2252	0527*	1728*	0002	1240	0628**	1841*
0536	1754	----	1206	Friday	28	1012	2235	0351*	1545*	1122	2345	0621*	1828	0054	1334	0721**	1934*
0624	1848	0012	1306	Saturday	29	1106	2329	0436*	1634*	----	1214	0721*	1938	0147	1429	0814**	2028*
0718	1948	0106	1400	Sunday	30	----	1202	0520*	1721	0039	1309	0823*	2044	0242	1525	0909**	2125
0818	2048	0206	1454	Monday	31	0025	1302	0611	1818	0136	1407	0920*	2143	0339	1623	1005*	2223

JET SKIS, PERSONAL WATERCRAFTS, CANOES AND KAYAKS ARE NOT ALLOWED IN THE CANAL

DAYLIGHT SAVING TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS EAST WEST AM PM AM PM				JUNE 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
						HIGH		LOW		HIGH		LOW		HIGH		LOW	
						AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
0912	2148	0306	1554	Tuesday	1	0125	1401	0817	2057	0233	1504	1013*	2239	0438	1722	1101*	2322
1012	2248	0400	1648	Wednesday	2	0221	1455	0933	2217	0329	1601	1106*	2335	0538	1821	1156	----
1112	2348	0500	1742	Thursday	3	0314	1549	1035	2324	0427	1704	1157	----	0638	1917	0022	1252
----	1206	0600	1836	Friday	4	0411	1647	1132	----	0533	1808	0030	1246	0738	2010	0121	1344
0042	1300	0654	1930	Saturday	5	0512	1742	0018	1215	0634	1900	0120	1330	0834	2058	0217	1434
0136	1348	0748	2018	Sunday	6	0604	1827	0103	1244	0722	1944	0207	1412	0924	2141	0308	1519
0224	1436	0842	2100	Monday	7	0647	1905	0146	1226	0804	2024	0254	1453	1010	2221	0354	1603
0312	1524	0930	2142	Tuesday	8	0725	1941	0227	1240	0845	2104	0341	1321	1053	2301	0438	1646
0354	1606	1012	2224	Wednesday	9	0803	2019	0300	1308	0926	2145	0424	1356	1135	2340	0521	1728
0436	1648	1054	2300	Thursday	10	0842	2058	0208	1343	1007	2225	0503	1439	----	1215	0603	1810
0512	1724	1136	2336	Friday	11	0924	2140	0240	1424	1046	2301	0539	1527	0020	1256	0644	1852
0554	1806	----	1218	Saturday	12	1007	2222	0318	1510	1122	2334	0617	1614	0100	1336	0726	1934
0630	1848	0012	1300	Sunday	13	1050	2305	0356	1554	1158	----	0702	1655	0140	1418	0809	2017
0712	1930	0054	1342	Monday	14	1136	2352	0434	1638	0008	1237	0758	1734	0222	1501	0852	2102
0754	2012	0142	1424	Tuesday	15	----	1227	0513	1723	0046	1321	0849	1820	0306	1546	0937	2150
0836	2106	0224	1512	Wednesday	16	0045	1322	0558	1819	0131	1409	0933	2140	0354	1634	1023	2241
0930	2200	0318	1600	Thursday	17	0140	1415	0655	1929	0221	1459	1013	2232	0445	1723	1112	2335
1024	2254	0412	1654	Friday	18	0234	1507	0758	2039	0313	1552	1053	2331	0539	1815	----	1202
1118	2354	0512	1748	Saturday	19	0328	1603	0856	2144	0410	1654	1135	----	0636	1909	0032	1255
----	1218	0612	1842	Sunday	20	0429	1705	0952*	2252	0521	1802	0029	1219	0736	2004	0130	1349
0048	1312	0712	1936	Monday	21	0533	1803	1051*	2358*	0632	1902	0124*	1302	0837	2059	0228*	1444
0148	1406	0812	2030	Tuesday	22	0629	1854	1150*	----	0730	1955	0220*	1349	0935	2154	0325*	1538*
0242	1500	0912	2124	Wednesday	23	0719	1942	0054*	1244*	0822	2047	0322*	1511	1033	2249	0421**	1633*
0336	1554	1006	2212	Thursday	24	0808	2033	0150*	1337*	0916	2141	0421*	1623*	1129	2343	0516**	1727*
0430	1648	1100	2306	Friday	25	0901	2125	0253*	1436*	1011	2236	0514*	1720*	----	1224	0610**	1822*
0518	1742	1154	----	Saturday	26	0955	2217	0349*	1535*	1104	2328	0606*	1815*	0037	1318	0704**	1916*
0612	1836	0000	1248	Sunday	27	1047	2307	0429*	1624	1155	----	0700*	1916	0131	1411	0756**	2010*
0706	1930	0054	1342	Monday	28	1139	2359	0505*	1707	0019	1248	0758*	2020	0224	1505	0848**	2104
0754	2024	0148	1436	Tuesday	29	----	1234	0542	1753	0112	1343	0854*	2118	0318	1559	0940*	2159
0854	2124	0242	1524	Wednesday	30	0054	1329	0628	1902	0206	1438	0944*	2211	0413	1652	1031*	2254

SPEED LIMIT 10 MPH. NO EXCESSIVE WAKE

DAYLIGHT SAVING TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS EAST WEST AM PM AM PM				JULY 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
						HIGH		LOW		HIGH		LOW		HIGH		LOW	
				AM PM		AM PM		AM PM		AM PM		AM PM		AM PM			
0948	2218	0336	1618	Thursday	1	0148	1421	0740	2134	0259	1531	1033	2304	0508	1744	1122	2356
1042	2318	0436	1712	Friday	2	0238	1510	0849	2246	0351	1627	1121	2357	0603	1835	----	1213
1136	----	0530	1800	Saturday	3	0329	1602	0927	2347	0449	1731	----	1209	0658	1926	0045	1303
0012	1230	0624	1854	Sunday	4	0426	1700	1005	----	0556	1831	0047	1253	0753	2014	0139	1352
0106	1318	0718	1942	Monday	5	0526	1754	0036	----	0652	1919	0134	1332	0846	2100	0231	1440
						1049 ----											
0154	1406	0812	2024	Tuesday	6	0617	1838	0119	1130	0737	2000	0219	1404	0935	2145	0320	1527
0242	1454	0900	2106	Wednesday	7	0659	1917	0201	1206	0817	2039	0306	1255	1021	2228	0406	1612
0324	1536	0948	2148	Thursday	8	0738	1955	0236	1241	0856	2119	0353	1335	1105	2311	0451	1657
0406	1618	1030	2224	Friday	9	0818	2035	0144	1320	0936	2157	0436	1418	1148	2354	0536	1742
0442	1654	1106	2306	Saturday	10	0900	2117	0217	1403	1016	2234	0515	1507	----	1230	0619	1826
0518	1736	1148	2342	Sunday	11	0944	2200	0257	1451	1054	2308	0552	1601	0036	1311	0702	1909
0600	1818	----	1224	Monday	12	1027	2243	0337	1540	1132	2344	0631	1647	0117	1353	0744*	1953
0636	1854	0024	1306	Tuesday	13	1112	2328	0415*	1625	----	1212	0718	1729	0200	1435	0827*	2039
0724	1942	0112	1354	Wednesday	14	----	1200	0454*	1710	0024	1257	0812	1818	0244	1520	0910*	2127
0806	2030	0200	1442	Thursday	15	0018	1253	0535*	1801	0109	1346	0901	2125	0331	1606	0956	2218
0900	2124	0254	1530	Friday	16	0113	1348	0625*	1905	0200	1438	0944	2220	0422	1655	1043	2311
0954	2224	0348	1624	Saturday	17	0208	1441	0726*	2017	0253	1531	1026	2318	0516	1747	1134	----
1048	2324	0448	1718	Sunday	18	0303	1537	0828	2124	0350	1630	1115	----	0614	1842	0008	1227
1148	----	0548	1812	Monday	19	0403	1640	0928	2236	0457	1740	0017*	1212	0715	1939	0107	1323
0030	1248	0654	1912	Tuesday	20	0511	1744	1030	2357	0612	1846	0113*	1308	0817	2038	0207*	1421
0124	1348	0800	2006	Wednesday	21	0612	1839	1137	----	0713	1941	0209*	1405	0918	2136	0306*	1518
0224	1448	0854	2106	Thursday	22	0705	1929	0100	1236	0806	2033	0308*	1511	1017	2233	0404*	1615
0318	1542	0954	2200	Friday	23	0754	2017	0200	1332	0859	2126	0406*	1614*	1114	2329	0500**	1711*
0412	1636	1048	2254	Saturday	24	0844	2107	0304*	1432	0952	2218	0458*	1708*	----	1208	0554**	1805*
0506	1730	1136	2342	Sunday	25	0935	2157	0348*	1530	1044	2308	0547*	1758*	0022	1300	0646**	1858*
0554	1818	----	1230	Monday	26	1024	2243	0417*	1612	1134	2356	0636*	1851	0114	1350	0735**	1950*
0642	1906	0036	1318	Tuesday	27	1111	2330	0441	1647	----	1223	0728*	1950	0204	1439	0823*	2040
0736	2000	0130	1406	Wednesday	28	1159	----	0507	1722	0044	1314	0822*	2048	0254	1527	0910*	2131
0824	2054	0218	1454	Thursday	29	0018	1250	0538	1803	0134	1406	0912	2140	0343	1614	0917	2222
0912	2148	0312	1542	Friday	30	0110	1342	0617	1900	0225	1458	0958	2230	0433	1702	1044	2313
1006	2248	0406	1636	Saturday	31	0201	1431	0708	2023	0315	1549	1043	2321	0524	1749	1131	----

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS				AUGUST 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
EAST		WEST				HIGH		LOW		HIGH		LOW		HIGH		LOW	
AM	PM	AM	PM			AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
1100	2342	0500	1724	Sunday	1	0250	1520	0807	2309	0406	1648	1130	----	0616	1838	0005	1220
1154	----	0554	1812	Monday	2	0343	1616	0859	----	0510	1756	0012	1216	0710	1929	0058	1311
0036	1248	0648	1900	Tuesday	3	0444	1717	0008	----	0618	1852	0100	1256	0805	2020	0152	1402
								0949	----								
0124	1336	0742	1948	Wednesday	4	0545	1809	0053	----	0709	1936	0144	1327	0858	2110	0244	1452
								1043	----								
0212	1418	0830	2030	Thursday	5	0633	1852	0130	----	0749	2014	0229	1242	0947	2157	0333	1541
								1137	----								
0254	1506	0912	2112	Friday	6	0714	1932	0111	1221	0826	2050	0317	1323	1034	2243	0421	1628
0330	1548	0954	2154	Saturday	7	0753	2011	0118	1303	0904	2126	0403	1407	1118	2327	0507	1714
0412	1624	1036	2236	Sunday	8	0834	2052	0151	1347	0943	2203	0444	1459	----	1201	0551	1800
0448	1706	1112	2318	Monday	9	0917	2136	0230	1436	1024	2241	0521*	1602	0011	1243	0634*	1845
0530	1748	1154	----	Tuesday	10	1001	2219	0312*	1525	1105	2320	0555*	1652	0054	1325	0716*	1930
0612	1830	0000	1236	Wednesday	11	1046	2304	0353*	1611*	1147	----	0629	1736	0137	1407	0759*	2016
0654	1912	0048	1324	Thursday	12	1132	2353	0432*	1656*	0003	1232	0715	1957	0223	1451	0842*	2104
0742	2006	0136	1412	Friday	13	----	1224	0513*	1744	0049	1322	0824	2108	0311	1538	0928*	2155
0830	2100	0230	1500	Saturday	14	0047	1321	0559*	1843	0142	1417	0920	2206	0402	1628	1016	2250
0924	2200	0330	1554	Sunday	15	0146	1418	0657	1957	0238	1512	1013	2305*	0457	1722	1108	2347
1024	2300	0430	1648	Monday	16	0243	1516	0805	2112	0335	1613	1111	----	0555	1819	----	1204
1130	----	0536	1748	Tuesday	17	0344	1620	0912	2244	0441	1724	0005*	1212	0658	1920	0048*	1303
0006	1236	0642	1848	Wednesday	18	0453	1729	1023	----	0557	1833	0102*	1309	0802	2023	0150*	1404
0112	1336	0742	1954	Thursday	19	0559	1827	0025	----	0700	1930	0157*	1405	0906	2124	0251*	1504
								1146	----								
0206	1430	0842	2048	Friday	20	0653	1916	0120	1253	0753	2020	0253*	1504*	1005	2222	0350*	1602
0306	1530	0936	2142	Saturday	21	0740	2001	0213	1349	0843	2109	0348*	1601*	1100	2316	0445*	1657
0400	1618	1030	2236	Sunday	22	0826	2047	0302	1447	0933	2158	0439*	1652*	1152	----	0537*	1750*
0448	1706	1118	2324	Monday	23	0912	2133	0336	1529	1022	2246	0524*	1739*	0007	1240	0625*	1840*
0536	1800	----	1206	Tuesday	24	0957	2216	0352	1556	1109	2331	0607*	1825	0055	1324	0711*	1927*
0618	1848	0018	1248	Wednesday	25	1040	2259	0407	1622	1155	----	0652	1917	0141	1408	0754*	2014
0706	1936	0106	1336	Thursday	26	1123	2342	0430	1650	0015	1241	0742	2014	0226	1450	0837	2100
0754	2024	0154	1424	Friday	27	----	1208	0457	1723	0101	1330	0834	2107	0311	1533	0920	2146
0842	2118	0242	1512	Saturday	28	0030	1258	0530	1802	0149	1420	0922	2156	0357	1617	1005	2234
0930	2212	0336	1554	Sunday	29	0122	1350	0609	1857	0238	1510	1007	2245	0445	1703	1051	2324
1024	2306	0430	1642	Monday	30	0214	1441	0703	2009	0326	1603	1052	2336	0535	1752	1139	----
1118	----	0524	1736	Tuesday	31	0306	1535	0808	2115	0420	1710	1140	----	0628	1845	0017	1231

NO SWIMMING IS ALLOWED IN THE CAPE COD CANAL

DAYLIGHT SAVING TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS EAST WEST AM PM AM PM				SEPTEMBER 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
						HIGH AM PM		LOW AM PM		HIGH AM PM		LOW AM PM		HIGH AM PM		LOW AM PM	
0000	1212	0618	1824	Wednesday	1	0404	1636	0907	----	0532	1820	0025	1225	0724	1940	0112	1324
0048	1300	0706	1912	Thursday	2	0509	1737	0021	----	0636	1907	0111	1301	0820	2034	0207	1418
						1006 ----											
0136	1348	0754	1954	Friday	3	0605	1826	0046	----	0719	1944	0153	1315	0912	2125	0259	1510
						1109 ----											
0218	1430	0836	2042	Saturday	4	0648	1906	0018	1202	0755	2018	0236	1326	1001	2213	0348	1559
0300	1512	0918	2124	Sunday	5	0728	1946	0046	1247	0831	2052	0322	1407	1046	2259	0435	1647
0336	1554	1000	2206	Monday	6	0807	2026	0120	1331	0910	2131	0405	1509	1129	2345	0520*	1733
0418	1636	1042	2248	Tuesday	7	0849	2110	0159	1420*	0953	2214	0443*	1631	----	1212	0603*	1820*
0500	1718	1124	2336	Wednesday	8	0934	2155	0243*	1510*	1037	2257	0515*	1717*	0029	1255	0646*	1906*
0542	1800	----	1206	Thursday	9	1020	2241	0327*	1557*	1122	2343	0537*	1811*	0115	1338	0730*	1953*
0624	1848	0024	1254	Friday	10	1107	2330	0410*	1642*	----	1209	0545	1939*	0202	1423	0815*	2043*
0712	1942	0118	1342	Saturday	11	1159	----	0452*	1728*	0032	1301	0607	2051*	0251	1512	0902*	2135*
0806	2036	0212	1430	Sunday	12	0025	1258	0537*	1823	0126	1358	0902	2151*	0344	1604	0952	2230*
0900	2136	0312	1524	Monday	13	0127	1359	0634	1940	0224	1457	1003	2250*	0440	1701	1047	2329*
1006	2242	0412	1624	Tuesday	14	0227	1459	0748	2114	0323	1559	1104	2350*	0541	1801	1145	----
1112	2348	0518	1730	Wednesday	15	0329	1603	0909	2325	0429	1710	----	1206	0645	1906	0031*	1247
----	1218	0624	1836	Thursday	16	0439	1713	1106	----	0544	1821	0048*	1303	0752	2012	0135	1351
0054	1318	0724	1936	Friday	17	0546	1813	0027	1231	0648	1917	0141*	1357	0856	2114	0237*	1453
0154	1418	0824	2036	Saturday	18	0639	1901	0115	1324	0740	2005	0234*	1451*	0954	2211	0335*	1550
0248	1512	0918	2130	Sunday	19	0723	1943	0159	1413	0827	2051	0326*	1545*	1045	2303	0427*	1644
0336	1600	1006	2218	Monday	20	0805	2025	0240	1459	0913	2136	0415*	1635*	1132	2350	0516*	1733*
0424	1648	1054	2306	Tuesday	21	0846	2106	0306	1526	0959	2221	0458*	1718*	----	1215	0600	1820
0512	1736	1136	2354	Wednesday	22	0927	2147	0307	1533	1044	2304	0537	1759	0035	1255	0642	1903
0554	1824	----	1218	Thursday	23	1007	2228	0324	1552	1126	2346	0612	1842	0117	1334	0723	1946
0636	1906	0042	1306	Friday	24	1047	2308	0350	1619	----	1208	0444	1933	0158	1413	0803	2029
0724	1954	0130	1348	Saturday	25	1129	2353	0420	1650	0028	1252	0510	2031	0240	1453	0844	2112
0812	2042	0218	1436	Sunday	26	----	1216	0453	1725	0113	1339	0543	2123	0323	1535	0927	2158
0900	2136	0306	1518	Monday	27	0044	1310	0529	1809	0200	1428	0622	2211	0408	1621	1012	2247
0954	2224	0400	1606	Tuesday	28	0139	1405	0615	1911	0247	1517	0717	2300	0457	1710	1101	2339
1042	2318	0448	1654	Wednesday	29	0233	1458	0719	2025	0334	1611	1104	2350	0550	1803	1153	----
1136	----	0542	1742	Thursday	30	0328	1555	0831	2128	0431	1724	1152	----	0645	1900	0033	1248

NO IDLING, CROSSING OR STOPPING IN FRONT OF LARGE COMMERCIAL TRAFFIC

DAYLIGHT SAVING TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS				OCTOBER 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
EAST		WEST				HIGH		LOW		HIGH		LOW		HIGH		LOW	
AM	PM	AM	PM			AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
0006	1224	0630	1830	Friday	1	0430	1658	0935	2230	0547	1826	0036	1233	0742	1957	0129	1344
0054	1312	0712	1918	Saturday	2	0530	1753	1040	2325	0642	1907	0118	1307	0835	2051	0222	1438
0136	1354	0800	2006	Sunday	3	0619	1838	1140	----	0722	1943	0156	1337	0925	2141	0313	1529
0224	1442	0842	2054	Monday	4	0700	1919	0008	1229	0759	2020	0233	1417	1011	2230	0400	1618
0306	1524	0924	2142	Tuesday	5	0739	2000	0047	1314*	0839	2101	0313* 1523*		1056	2317	0445*	1706*
0348	1606	1012	2224	Wednesday	6	0821	2044	0128* 1402*		0924	2148	0353* 1625*		1140	----	0531*	1754*
0430	1654	1054	2318	Thursday	7	0907	2131	0212* 1452*		1011	2236	0429* 1717*		0005	1225	0616*	1843**
0518	1742	1136	----	Friday	8	0955	2220	0300* 1542*		1059	2325	0453* 1812*		0052	1310	0701*	1932**
0600	1830	0006	1224	Saturday	9	1044	2311	0348* 1628*		1149	----	0515	1922*	0141	1358	0749*	2022**
0654	1918	0100	1318	Sunday	10	1137	----	0433* 1714*		0015	1242	0544	2033*	0233	1449	0838*	2116**
0748	2018	0200	1412	Monday	11	0007	1236	0520* 1808		0110	1340	0847	2135*	0327	1544	0932	2212*
0848	2118	0300	1506	Tuesday	12	0110	1340	0616	1929	0210	1442	0951	2233*	0426	1643	1029	2312*
0948	2224	0400	1606	Wednesday	13	0213	1442	0739	2145	0311	1545	1052	2332*	0528	1746	1130	----
1054	2330	0500	1712	Thursday	14	0315	1544	0944	2313	0415	1653	1153	----	0633	1853	0014*	1234
----	1200	0606	1818	Friday	15	0421	1651	1136	----	0528	1804	0029* 1250		0740	1959	0118	1339
0030	1300	0706	1918	Saturday	16	0528	1753	0010	1234	0634	1901	0121* 1343*		0842	2101	0219	1441
0130	1400	0800	2012	Sunday	17	0621	1841	0056	1322	0725	1947	0211* 1435*		0937	2157	0315	1537
0224	1448	0848	2106	Monday	18	0703	1922	0135	1407	0809	2030	0259* 1526*		1025	2246	0405	1628
0312	1536	0936	2154	Tuesday	19	0741	2000	0208	1450	0852	2113	0347	1614*	1108	2330	0450	1714
0400	1624	1024	2242	Wednesday	20	0819	2039	0209	1518	0935	2156	0430	1657*	1147	----	0532	1757*
0442	1712	1106	2330	Thursday	21	0857	2118	0212	1506	1018	2238	0506	1735	0012	1225	0612	1838*
0524	1754	1148	----	Friday	22	0936	2158	0238	1522	1059	2319	0325	1811	0052	1302	0652	1919*
0612	1842	0018	1230	Saturday	23	1015	2239	0311	1550	1139	2358	0400	1852	0131	1339	0731	2000
0654	1924	0106	1312	Sunday	24	1056	2321	0346	1622	----	1218	0437	1950	0210	1418	0811	2042
0742	2012	0154	1354	Monday	25	1140	----	0422	1657	0039	1259	0513	2049	0252	1459	0854	2126
0830	2054	0236	1442	Tuesday	26	0010	1232	0459	1737	0122	1343	0551	2139	0337	1544	0939	2214
0918	2142	0324	1524	Wednesday	27	0106	1328	0542	1829	0208	1428	0635	2226	0424	1633	1027	2304
1006	2236	0412	1612	Thursday	28	0202	1423	0640	1939	0254	1513	0756	2313	0515	1725	1119	2357
1054	2324	0500	1700	Friday	29	0255	1516	0756	2045	0341	1602	1113	2359	0608	1821	----	1214
1148	----	0548	1754	Saturday	30	0350	1614	0905	2141	0441	1712	----	1201	0703	1918	0051	1310
0012	1236	0636	1842	Sunday	31	0450	1715	1009	2236	0553	1819	0040	1245	0757	2014	0144	1405

EXCESSIVE WAKE ACTION UNDERMINES THE CANAL BANKS AND DIKES,
BE AWARE OF YOUR WAKE & SPEED

DAYLIGHT SAVING TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

U.S. Army
Corps of Engineers
Cape Cod Canal

RAILROAD BRIDGE CURRENT TURNS EAST WEST AM PM AM PM				NOVEMBER 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
						HIGH		LOW		HIGH		LOW		HIGH		LOW	
						AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
0100	1324	0718	1936	Monday	1	0545	1807	1113	2328	0646	1907	0115	1326	0847	2108	0234	1459
0148	1412	0806	2024	Tuesday	2	0631	1852	----	1208*	0729	1950	0145	1413*	0935	2200	0323	1550*
0230	1454	0854	2118	Wednesday	3	0713	1935	0015*	1255*	0812	2035	0211*	1512*	1022	2250	0411*	1640*
0318	1542	0942	2206	Thursday	4	0756	2020	0059*	1343*	0858	2125	0242*	1614*	1109	2341	0458*	1730**
0406	1630	1024	2300	Friday	5	0843	2109	0145*	1435*	0948	2216	0329*	1708*	1157	----	0547*	1821**
0454	1724	1112	2354	Saturday	6	0933	2201	0236*	1529*	1040	2308	0426*	1802*	0031	1246	0635*	1912**
0442	1712	1106	2348	Sunday	7	0925	2154	0229*	1517*	1032	2259	0411*	1805*	0123	1236	0626*	1904**
0536	1806	1154	----	Monday	8	1018	2250	0319*	1604*	1126	2355	0603	1913*	0116	1330	0718*	1958**
0630	1900	0048	1254	Tuesday	9	1117	2353	0407*	1655	----	1224	0729	2015*	0212	1426	0813	2055**
0730	2000	0142	1348	Wednesday	10	----	1220	0503	1816	0055	1325	0834	2113*	0311	1527	0912	2154*
0836	2106	0242	1448	Thursday	11	0057	1321	0636	2030	0156	1426	0934	2209*	0413	1630	1013	2254*
0936	2206	0342	1554	Friday	12	0156	1420	0905	2143	0258	1529	1034	2305*	0516	1735	1117	2355
1042	2306	0442	1654	Saturday	13	0256	1522	1022	2243	0406	1638	1131	2356*	0620	1840	----	1221
1142	----	0536	1754	Sunday	14	0400	1625	1119	2329	0513	1738	----	1224	0720	1942	0054	1323
0006	1236	0630	1848	Monday	15	0455	1717	----	1206	0606	1826	0044	1314	0812	2036	0147	1417
0054	1324	0724	1942	Tuesday	16	0539	1758	0007	1251	0650	1908	0130	1404	0858	2124	0235	1506
0142	1418	0812	2036	Wednesday	17	0616	1836	0032	1334	0730	1950	0216	1451	0939	2207	0320	1551
0230	1500	0854	2124	Thursday	18	0652	1913	0018	1410	0812	2031	0259	1534	1017	2248	0401	1633
0312	1548	0936	2206	Friday	19	0729	1952	0031	1342	0853	2113	0336	1612	1055	2327	0442	1713
0400	1630	1018	2254	Saturday	20	0808	2032	0100	1355	0934	2154	0146	1647	1132	----	0522	1753
0442	1712	1100	2336	Sunday	21	0848	2114	0136	1426	1013	2232	0229	1723	0006	1210	0602	1834
0524	1754	1142	----	Monday	22	0929	2156	0216	1500	1050	2309	0312	1812	0045	1249	0643	1916
0612	1836	0024	1218	Tuesday	23	1012	2242	0257	1536	1125	2348	0351	1913	0126	1330	0725	1959
0654	1918	0106	1300	Wednesday	24	1059	2334	0337	1614	----	1202	0429	2006	0209	1414	0809	2045
0736	2000	0148	1348	Thursday	25	1153	----	0419	1659	0030	1243	0509	2052	0255	1501	0857	2132
0824	2048	0230	1430	Friday	26	0030	1248	0512	1757	0117	1328	0846	2135	0343	1551	0947	2222
0912	2142	0318	1524	Saturday	27	0123	1341	0622	1903	0204	1416	0935	2217	0433	1644	1041	2312
1006	2230	0406	1612	Sunday	28	0214	1434	0735	2000	0256	1511	1029	2257	0525	1741	1136	----
1100	2324	0454	1712	Monday	29	0309	1534	0839	2054*	0359	1622	1123	2333	0617	1839	0004	1233
1148	----	0542	1806	Tuesday	30	0408	1634	0943	2150*	0506	1731	----	1212	0709	1936	0056	1328

THE RAILROAD BRIDGE IS KEPT IN A RAISED POSITION EXCEPT
WHEN IT IS LOWERED FOR RAIL TRAFFIC OR MAINTENANCE WORK

DAYLIGHT SAVING ENDS 0200 SUNDAY, NOVEMBER 7

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

TIDE TABLES

**U.S. Army
Corps of Engineers
Cape Cod Canal**

RAILROAD BRIDGE CURRENT TURNS				DECEMBER 2021		PINEY POINT				R.R. BRIDGE				SANDWICH			
EAST		WEST				HIGH		LOW		HIGH		LOW		HIGH		LOW	
AM	PM	AM	PM			AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
0012	1242	0636	1900	Wednesday	1	0502	1726	1045*	2244*	0601	1824	0003	1302*	0801	2031	0148	1422*
0100	1330	0724	1954	Thursday	2	0549	1813	1137*	2334*	0649	1914	0030*	1401*	0851	2125	0238*	1515*
0154	1424	0812	2054	Friday	3	0635	1900	----	1228*	0738	2004	0105*	1502*	0942	2219	0329*	1608**
0242	1512	0906	2148	Saturday	4	0723	1950	0024*	1322*	0830	2058	0200*	1558*	1034	2312	0421*	1701**
0336	1606	0954	2242	Sunday	5	0815	2044	0118*	1419*	0924	2151	0343*	1651*	1126	----	0513*	1754**
0430	1700	1048	2336	Monday	6	0908	2138	0215*	1510*	1017	2243	0443*	1748*	0006	1219	0606*	1847**
0524	1748	1142	----	Tuesday	7	1001	2233	0309*	1555*	1110	2338	0553	1851*	0100	1313	0700*	1941**
0618	1848	0030	1236	Wednesday	8	1056	2332	0358*	1641*	----	1205	0708	1952*	0155	1410	0755*	2036**
0718	1942	0124	1336	Thursday	9	1156	----	0450	1743	0036	1304	0813	2048*	0253	1508	0853	2132*
0812	2042	0224	1430	Friday	10	0033	1255	0616	1949	0135	1401	0911	2142*	0352	1608	0953	2228*
0918	2142	0318	1530	Saturday	11	0130	1350	0842	2059	0234	1458	1009	2235*	0451	1710	1054	2325
1018	2236	0412	1630	Sunday	12	0224	1446	0956	2204	0336	1602	1107	2327	0550	1812	1156	----
1112	2336	0506	1730	Monday	13	0322	1547	1057	2257	0443	1708	----	1200	0646	1912	0020	1255
----	1212	0600	1824	Tuesday	14	0421	1645	1146	2337	0542	1802	0015	1250	0738	2007	0112	1350
0024	1300	0654	1918	Wednesday	15	0510	1732	----	1231	0628	1846	0059	1338	0824	2056	0201	1439
								----	2358								
0112	1348	0736	2012	Thursday	16	0551	1812	----	1316	0710	1927	0143	1425	0907	2141	0246	1524
								----	2342								
0200	1436	0824	2100	Friday	17	0628	1849	----	1359	0751	2008	0228	1510	0947	2222	0330	1607
0248	1524	0906	2142	Saturday	18	0705	1928	0001	1425	0832	2049	0045	1550	1027	2302	0412	1648
0336	1606	0948	2230	Sunday	19	0744	2009	0032	1336	0913	2130	0123	1626	1106	2342	0455	1730
0418	1642	1030	2312	Monday	20	0825	2051	0110	1407	0951	2207	0208	1701	1146	----	0536	1811
0500	1724	1106	2348	Tuesday	21	0906	2134	0153	1442	1026	2243	0255	1741	0022	1226	0618	1852
0536	1800	1148	----	Wednesday	22	0948	2217	0238	1517*	1057	2319	0337	1832	0102	1306	0700	1934
0618	1842	0030	1230	Thursday	23	1031	2304	0320	1554*	1130	2359	0416	1927	0143	1349	0744	2017
0700	1924	0112	1312	Friday	24	1120	2356	0402	1634*	----	1209	0455	2014	0227	1433	0830	2102
0748	2006	0154	1400	Saturday	25	----	1214	0451	1722*	0044	1254	0549	2054	0312	1521	0919	2148
0836	2100	0236	1448	Sunday	26	0050	1307	0552	1822*	0133	1344	0905	2132	0359	1613	1010	2236
0930	2154	0324	1542	Monday	27	0141	1400	0704	1923*	0223	1437	1003	2210	0448	1708	1105	2327
1024	2248	0418	1642	Tuesday	28	0234	1457	0810	2019*	0320	1541	1103	2251	0540	1807	----	1202
1118	2342	0512	1742	Wednesday	29	0334	1602	0915	2117*	0429	1658	1158	2335	0635	1907	0021	1300
----	1218	0606	1842	Thursday	30	0435	1703	1023*	2218*	0535	1802	----	1252*	0730	2006	0115	1357*
0036	1312	0700	1942	Friday	31	0529	1754	1124*	2315*	0630	1855	0018	1350*	0825	2104	0210	1453*

MERRY CHRISTMAS AND HAPPY NEW YEAR!

EASTERN STANDARD TIME

* = Predicted Minus Tides from - 0.1 ft. to - 1.0 ft.

** = Predicted Minus Tides from - 1.1 ft. to - 2.0 ft. or more

NOTE: SANDWICH CURRENT TURNS APPROXIMATELY 15 MINUTES BEFORE,
WINGS NECK CURRENT TURNS APPROXIMATELY 15 MINUTES AFTER.

PREDICTED TIDES AT VARIOUS LOCATIONS

U.S. Army
Corps of Engineers
Cape Cod Canal

DIFFERENCE IN TIMES TO BE ADDED OR SUBTRACTED FROM
PINEY POINT TO DETERMINE APPROXIMATE HIGH OR LOW TIDE AT
LISTED LOCATIONS.

LOCATION	HIGH	WATER	LOW	WATER
	HOURS	MINUTES	HOURS	MINUTES
GREY GABLES	+0	27	+1	06
MARION, SIPPICAN HARBOR	+0	00	+0	02
MATTAPOISETT	+0	01	+0	10
MONUMENT BEACH	+0	06	+0	20
NEW BEDFORD	- 0	03	- 0	03
ONSET BEACH, ONSET BAY	+0	31	+1	25
CHAPPAQUOIT POINT, WEST FALMOUTH HARBOR	- 0	04	- 0	02
WOODS HOLE, LITTLE HARBOR	+0	22	+2	11
WOODS HOLE, UNCATEANA ISLAND (SOUTH SIDE)	+0	02	+0	12
QUICKS HOLE, NORTH SIDE	- 0	18	- 0	18
CUTTYHUNK POND (ENTRANCE) CUTTYHUNK I.	+1	10	+1	05

DIFFERENCE IN TIMES TO BE ADDED OR SUBTRACTED FROM
SANDWICH TO DETERMINE APPROXIMATE HIGH OR LOW TIDE AT
LISTED LOCATIONS.

LOCATION	HIGH	WATER	LOW	WATER
	HOURS	MINUTES	HOURS	MINUTES
BARNSTABLE HARBOR, BEACH POINT	+0	12	+0	33
FALMOUTH HEIGHTS	- 0	15	- 0	06
HYANNISPORT	+1	01	+0	29
PLEASANT BAY	+2	29	+3	30
PLYMOUTH (CAPE COD BAY)	+0	05	+0	21
PROVINCETOWN	+0	17	+0	21
STAGE HARBOR (CHATHAM)	+0	47	+0	22
WELLFLEET (CAPE COD BAY)	+0	15	+0	33
WYCHMERE HARBOR	+0	53	+0	28
GREAT POINT (NANTUCKET)	+0	44	+0	31
VINEYARD HAVEN (MARTHA'S VINEYARD)	- 0	10	- 0	31
EDGARTOWN (MARTHA'S VINEYARD)	+0	57	+0	18

ASTRONOMICAL DATA, 2021

U.S. Army
Corps of Engineers
Cape Cod Canal

<u>JANUARY</u> <i>Wolf Moon</i>			
	day	hr.	min.
☾	6	04	37
P	9	15	36
●	13	24	00
☾	20	16	01
A	21	13	11
○	28	14	16

<u>FEBRUARY</u> <i>Snow Moon</i>			
	day	hr.	min.
P	3	19	02
☾	4	12	37
●	11	14	05
A	18	10	21
☾	19	13	47
○	27	03	17

<u>MARCH</u> <i>Sap Moon</i>			
	day	hr.	min.
P	2	05	18
☾	5	20	30
●	13	05	21
A	18	05	03
☼ ₁	20	05	37
☾	21	10	40
○	28	14	48
P	30	07	16

<u>APRIL</u> <i>Pink Moon</i>			
	day	hr.	min.
☾	4	06	02
●	11	20	30
A	14	18	45
☾	20	02	58
○	26	23	31
P	27	16	22

<u>MAY</u> <i>Flower Moon</i>			
	day	hr.	min.
☾	3	15	50
●	11	14	59
A	11	22	53
☾	19	15	12
P	26	02	50
○	26	07	13

<u>JUNE</u> <i>Strawberry Moon</i>			
	day	hr.	min.
☾	2	03	24
A	8	03	27
●	10	06	52
☾	17	23	54
☼ ₂	20	23	31
P	23	10	54
○	24	14	39

LUNAR DATA

- | | |
|-------------------|---------------------|
| ● - NEW MOON | A - MOON IN APOGEE |
| ☾ - FIRST QUARTER | P - MOON IN PERIGEE |
| ☾ - LAST QUARTER | |
| ○ - FULL MOON | |

ASTRONOMICAL DATA, 2021

U.S. Army
Corps of Engineers
Cape Cod Canal

JULY

Buck Moon

	day	hr.	min.
☾	1	17	10
A	5	15	46
●	9	21	16
☾	17	06	10
P	21	11	23
○	23	22	36
☾	31	09	15

AUGUST

Sturgeon Moon

	day	hr.	min.
A	2	08	35
●	8	09	50
☾	15	11	19
P	17	10	15
○	22	08	01
☾	30	03	13
A	30	03	22

SEPTEMBER

Harvest Moon

	day	hr.	min.
●	6	20	51
P	11	11	03
☾	13	16	39
○	20	19	54
☉ ₃	22	15	20
A	26	22	43
☾	28	21	57

OCTOBER

Hunter Moon

	day	hr.	min.
●	6	07	05
P	8	20	27
☾	12	23	25
○	20	10	56
A	24	16	28
☾	28	16	05

NOVEMBER

Beaver Moon

	day	hr.	Min.
●	4	17	14
P	5	22	17
☾	11	07	45
A	14	16	..
○	19	03	57
A	21	02	12
☾	27	07	27

DECEMBER

Cold Moon

	day	hr.	min.
●	4	02	43
P	4	10	03
☾	10	20	35
A	18	02	14
○	18	23	35
☉ ₄	21	10	58
☾	26	21	23

SOLAR DATA

- ☉₁ - MARCH EQUINOX
- ☉₂ - JUNE SOLSTICE
- ☉₃ - SEPTEMBER EQUINOX
- ☉₄ - DECEMBER SOLSTICE

SUNRISE AND SUNSET, 2021

Buzzards Bay, Mass.

JANUARY					FEBRUARY					MARCH				
DAY	RISE		SET		DAY	RISE		SET		DAY	RISE		SET	
	Hr.	Min.	Hr.	Min.		Hr.	Min.	Hr.	Min.		Hr.	Min.	Hr.	Min.
1	07	09	16	23	5	06	48	17	04	2	06	13	17	35
6	07	09	16	27	10	06	42	17	10	7	06	05	17	40
11	07	08	16	33	15	06	36	17	16	12	05	57	17	46
16	07	06	16	39	20	06	29	17	23	17	06	48	18	52
21	07	02	16	45	25	06	21	17	29	22	06	40	18	57
26	06	59	16	51						27	06	31	19	03
31	06	54	16	57										

APRIL					MAY					JUNE				
DAY	RISE		SET		DAY	RISE		SET		DAY	RISE		SET	
	Hr.	Min.	Hr.	Min.		Hr.	Min.	Hr.	Min.		Hr.	Min.	Hr.	Min.
1	06	23	19	08	1	05	37	19	41	5	08	08	20	14
6	06	14	19	14	6	05	31	19	46	10	05	07	20	17
11	06	06	19	19	11	05	25	19	52	15	05	07	20	19
16	05	58	19	25	16	05	20	19	57	20	05	07	20	20
21	05	51	19	30	21	05	16	20	02	25	05	09	20	21
26	05	44	19	36	26	05	12	20	06	30	05	11	20	21
					31	05	10	20	10					

JULY					AUGUST					SEPTEMBER				
DAY	RISE		SET		DAY	RISE		SET		DAY	RISE		SET	
	Hr.	Min.	Hr.	Min.		Hr.	Min.	Hr.	Min.		Hr.	Min.	Hr.	Min.
5	05	14	20	20	4	05	40	19	56	3	06	11	19	11
10	05	18	20	18	9	05	45	19	49	8	06	16	19	02
15	05	21	20	15	14	05	51	19	42	13	06	21	18	54
20	05	26	20	11	19	05	56	19	39	18	06	26	18	45
25	05	30	20	07	24	06	01	19	27	23	06	32	18	36
30	05	35	20	01	29	06	06	19	19	28	06	37	18	28

OCTOBER					NOVEMBER					DECEMBER				
DAY	RISE		SET		DAY	RISE		SET		DAY	RISE		SET	
	Hr.	Min.	Hr.	Min.		Hr.	Min.	Hr.	Min.		Hr.	Min.	Hr.	Min.
3	06	42	18	19	2	07	17	17	34	2	06	52	16	12
8	06	48	18	11	7	06	23	16	29	7	06	57	16	11
13	06	53	18	03	12	06	29	16	24	12	07	01	16	12
18	06	59	17	55	17	06	35	16	19	17	07	04	16	13
23	07	05	17	48	22	06	41	16	16	22	07	07	16	16
28	07	11	17	41	27	06	47	16	13	27	07	08	16	19

READING THE BAROMETER

Barometer Rising:

28.8 to 29.2 Inches - Clearing high winds and cool wave.

29.2 to 29.6 Inches - High winds, cool wave preceded by squalls.

29.6 to 29.9 Inches - Fair weather, fresh winds during next 24 hours.

29.9 to 30.2 Inches - Fair weather and brisk winds diminishing.

30.2 to 30.5 Inches - Fair weather, cooler variable winds.

30.5 to 30.8 Inches - Continued cool, clear weather, light winds.

30.8 to 31.0 Inches - High winds, southeast with rains.

Barometer Falling:

30.8 to 30.5 Inches - Fair, warmer, followed by rain and wind.

30.5 to 30.2 Inches - Approaching storm.

30.2 to 29.9 Inches - Cloudy, warmer, unsettled weather.

29.9 to 29.3 Inches - Squally, clearing, fair and cooler weather.

29.3 to 29.0 Inches - Clearing, high winds with squalls and cooler weather.

29.0 to 28.7 Inches - Stormy weather.

BOATING RULES

1. OVERTAKING-PASSING: Boat being passed has the right-of-way. KEEP CLEAR.
2. MEETING HEAD ON: Keep to the right.
3. CROSSING: Boat on right has the right-of-way. Slow down and permit him to pass.

WHISTLE SIGNALS

When in sight of one another and within 1/2 mile of each other

ONE SHORT BLAST: I intend to leave you on my port side.

TWO SHORT BLASTS: I intend to leave you on my starboard side.

THREE SHORT BLASTS: I am operating astern propulsion.

FIVE OR MORE SHORT BLASTS: Danger signal.

ONE PROLONGED BLAST: When approaching a bend or curve in a channel where other vessels may be obstructed from view.

-When coming out of a slip.

← PORT

STARBOARD →

Yield
right-of-way
to boats
in your
DANGER
ZONE!



DANGER
ZONE
(Dead ahead to
abaft your
starboard beam)

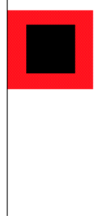
STORM WARNINGS



RED FLAG Small crafts
(winds to 33 knots)



2 RED FLAGS Gale
(Up to 47 knots)



SQUARE RED FLAG
BLACK BOX Storm
(Up to 63 knots)



2 SQUARE RED FLAG
BLACK BOX Hurricane
(Excess of 63 knots)

CHANNEL MARKER BOUYS

Marking the sides of channels as seen when entering from the seaward

PORTSIDE

Color: Green
Odd Numbers



Lighted Buoy
(Green Light Only)



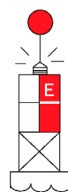
Can Buoy
(Unlighted)



Daymark

MID-CHANNEL

Color: Red & White
No Numbers -
May be Lettered



Lighted (White Light)



Spherical Buoy
(Unlighted)



Daymark

STARBOARD

Color: Red
Even Numbers



Lighted Buoy
(Red Light Only)



Nun Buoy
(Unlighted)



Daymark

NOTE: The Channel Marker Buoys shown here are in accordance with the United States Coast Guard aids to navigation.

NAEEP 360-1-17

November 2020

This pamphlet supercedes NEDEP 360-1-17 November 2019.