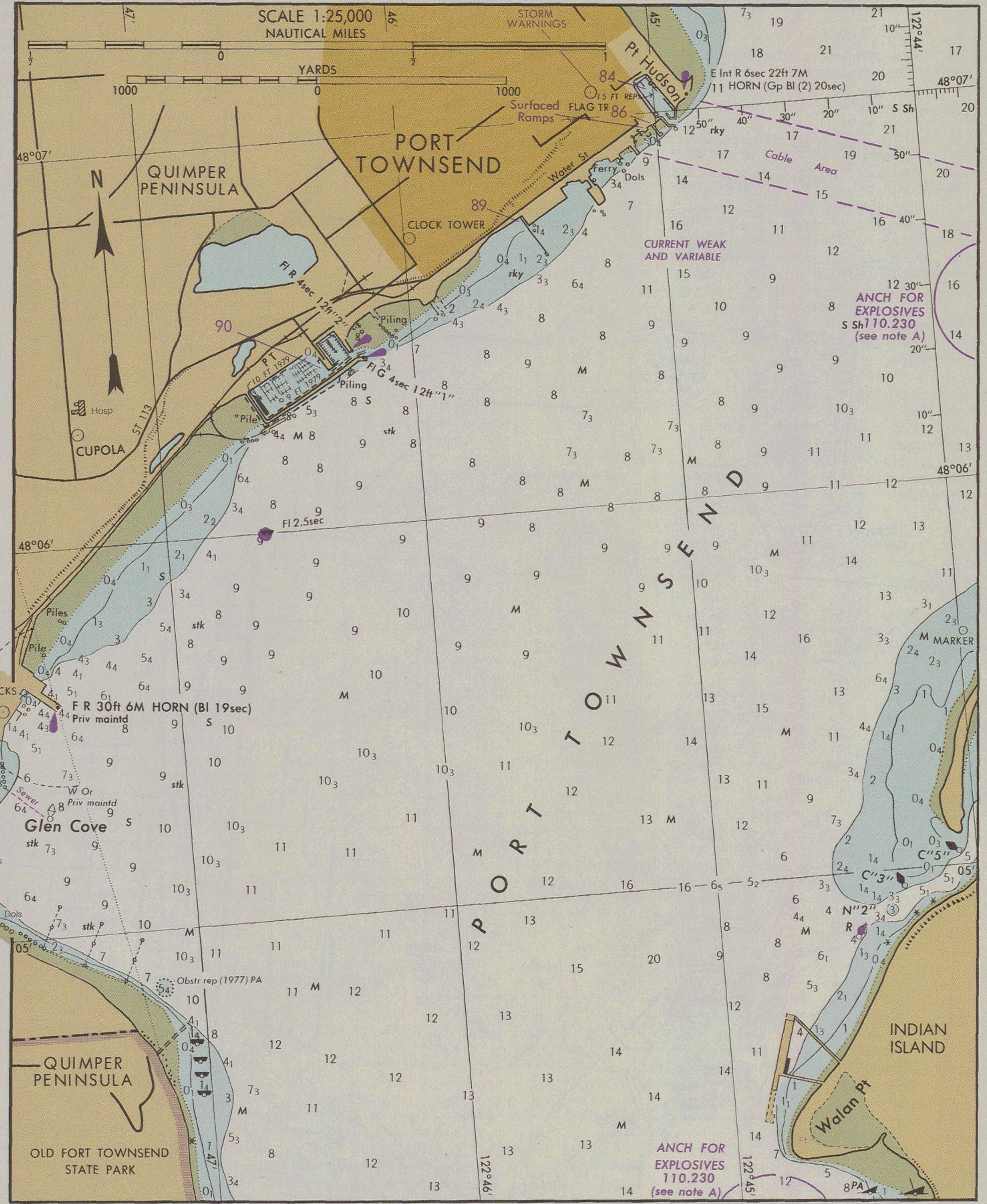
Formerly 184-SC, 1st Edition, 1960



INSET 9

SKAGIT BAY EXTENSION

JOINS PAGE A

JOINS PAGE E

SCALE 1:80,000

NAUTICAL MILES

YARDS

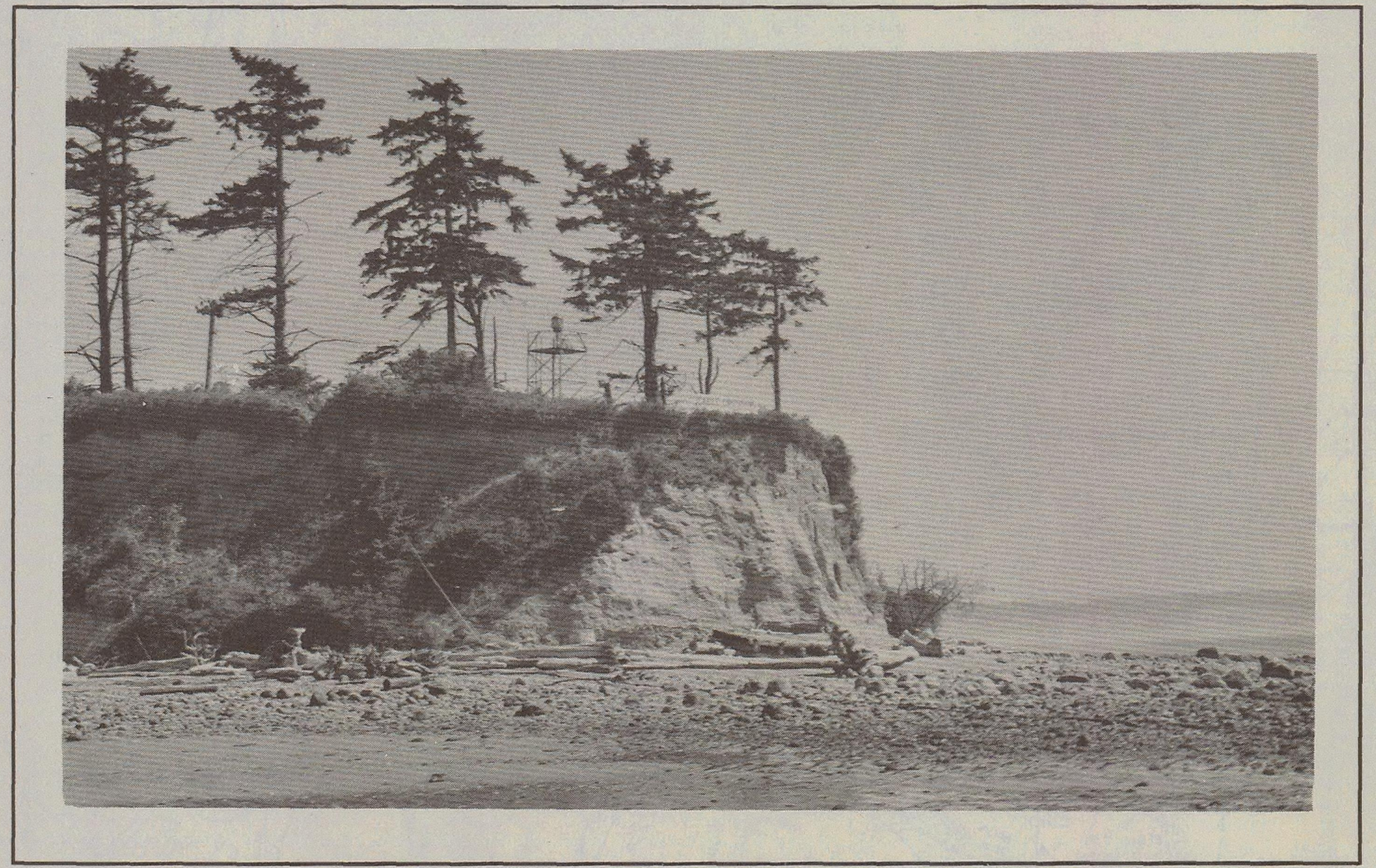
CAUTION

Small craft should stay clear of large commercial and government vessels even if small-craft have the right-of-way.

CAUTION

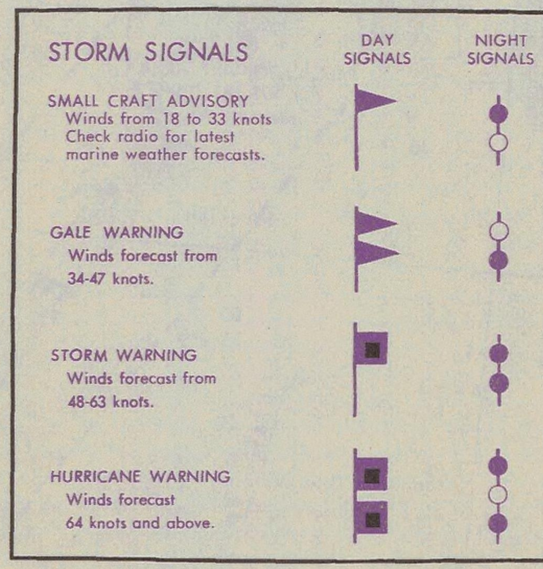
All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.

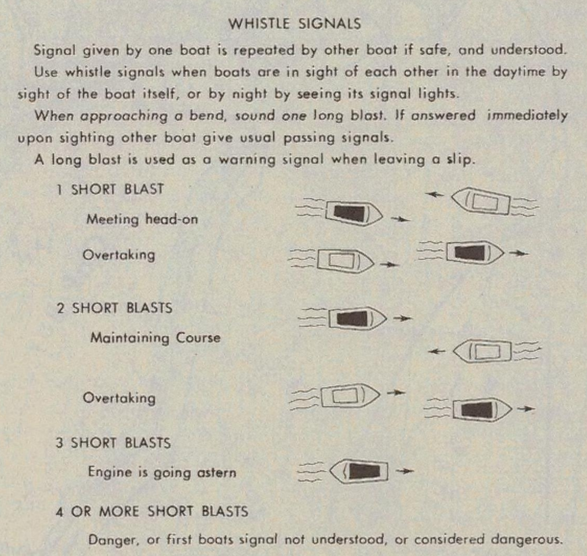
INSET 11



DOUBLE BLUFF LIGHT

POINT WILSON LIGHT





PORT TOWNSEND, WASH., 1980-1981

Predicted times and heights of high and low water-Pacific Standard Time. For Daylight Saving Time, add 1 hour. To predict local tide, apply the time difference listed in the facility tabulation to these tide predictions.

MAY 1980

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 TH	0401 1034 1815 2301	7.4 -0.7 7.6 5.0	16 F	0419 1103 1901 2352	8.1 -2.2 8.9 5.6
2 F	0427 1107 1901 2343	7.3 -1.1 7.8 5.5	17 SA	0457 1146 1953	7.7 -1.9 8.9
3 SA	0454 1145 1950	7.2 -1.2 7.9	18 SU	0105 0539 1234 2047	5.8 7.1 -1.4 8.8
4 SU	0031 0523 1226 2042	5.9 7.0 -1.1 8.0	19 M	0227 0625 1322 2141	5.7 6.5 -0.6 8.6
5 M	0137 0549 1313 2141	6.2 6.8 -0.9 8.1	20 TU	0400 0721 1413 2232	5.3 5.8 0.3 8.5
6 TU	0309 0630 1407 2235	6.2 6.5 -0.5 8.2	21 W	0509 0836 1509 2318	4.6 5.2 1.1 8.3
7 W	0439 0742 1505 2325	5.9 6.1 0.0 8.3	22 TH	0601 1013 1611 2355	3.9 4.8 1.9 8.1
8 TH	0534 0918 1611	5.2 5.8 0.6	23 F	0643 1201 1710	3.2 4.9 2.7
9 F	0010 0613 1110 1717	8.4 4.3 5.7 1.2	24 SA	0027 0715 1329 1809	8.0 2.4 5.2 3.3
10 SA	0049 0655 1249 1817	8.5 3.1 6.1 1.9	25 SU	0056 0743 1433 1901	7.9 1.6 5.8 3.9
11 SU	0124 0733 1408 1915	8.6 1.8 6.7 2.6	26 M	0121 0809 1525 1947	7.8 0.7 6.4 4.5
12 M	0158 0814 1517 2011	8.7 0.5 7.4 3.4	27 TU	0144 0837 1611 2032	7.7 0.0 6.9 5.0
13 TU	0233 0854 1617 2103	8.7 -0.7 8.0 4.1	28 W	0211 0906 1653 2116	7.6 -0.8 7.4 5.4
14 W	0308 0936 1713 2159	8.6 -1.6 8.5 4.7	29 TH	0239 0934 1735 2200	7.6 -1.4 7.8 5.7
15 TH	0343 1018 1808 2252	8.4 -2.1 8.8 5.2	30 F	0306 1006 1813 2242	7.5 -1.8 8.1 6.0
			31 SA	0334 1042 1856 2330	7.4 -2.1 8.4 6.2

JUNE 1980

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 SU	0406 1121 1938	7.2 -2.1 8.5	16 M	0052 0510 1205 2016	5.8 6.8 -1.3 8.8
2 M	0026 0440 1204 2023	6.3 7.0 -1.9 8.7	17 TU	0205 0557 1249 2054	5.4 6.2 -0.6 8.6
3 TU	0131 0525 1250 2108	6.2 6.7 -1.5 8.7	18 W	0314 0655 1334 2134	4.9 5.5 0.4 8.5
4 W	0254 0624 1341 2151	5.8 6.2 -0.7 8.8	19 TH	0420 0807 1423 2212	4.2 5.0 1.3 8.3
5 TH	0406 0751 1433 2235	5.1 5.7 0.2 8.8	20 F	0509 0939 1513 2245	3.4 4.6 2.3 8.1
6 F	0502 0934 1536 2315	4.1 5.3 1.2 8.8	21 SA	0551 1136 1614 2315	2.6 4.6 3.3 8.0
7 SA	0551 1127 1641 2355	2.9 5.4 2.3 8.9	22 SU	0629 1319 1717 2343	1.8 5.1 4.2 7.9
8 SU	0632 1309 1747	1.6 5.9 3.4	23 M	0701 1435 1813	0.9 5.9 4.9
9 M	0031 0715 1428 1846	8.9 0.4 6.7 4.3	24 TU	0014 0730 1527 1914	7.9 0.1 6.6 5.5
10 TU	0109 0757 1534 1949	8.8 -0.8 7.6 5.1	25 W	0046 0802 1609 2003	7.8 -0.6 7.2 5.9
11 W	0146 0839 1629 2047	8.7 -1.7 8.2 5.6	26 TH	0115 0834 1648 2052	7.8 -1.3 7.7 6.2
12 TH	0222 0917 1718 2143	8.5 -2.2 8.7 5.9	27 F	0148 0909 1723 2134	7.7 -1.9 8.1 6.3
13 F	0301 1000 1807 2242	8.2 -2.4 8.9 6.0	28 SA	0225 0943 1758 2219	7.7 -2.3 8.4 6.3
14 SA	0343 1042 1849 2344	7.8 -2.3 9.0 6.0	29 SU	0300 1023 1835 2307	7.6 -2.5 8.6 6.2
15 SU	0425 1121 1933	7.3 -1.9 8.9	30 M	0346 1102 1911	7.4 -2.4 8.8

JULY 1980

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 TU	0000 0439 1146 1950	6.0 7.1 -2.0 8.9	16 W	0105 0547 1221 2004	4.8 6.1 -0.1 8.3
2 W	0058 0537 1233 2029	5.5 6.7 -1.3 9.0	17 TH	0204 0643 1258 2035	4.2 5.6 0.8 8.2
3 TH	0208 0650 1319 2108	4.9 6.2 -0.3 9.0	18 F	0257 0749 1344 2104	3.6 5.2 1.9 8.1
4 F	0317 0812 1412 2147	4.0 5.7 0.9 9.0	19 SA	0351 0914 1429 2136	3.0 4.8 2.9 8.0
5 SA	0416 0953 1510 2226	2.9 5.4 2.3 9.0	20 SU	0441 1106 1518 2208	2.2 4.9 4.0 7.9
6 SU	0515 1147 1612 2308	1.7 5.6 3.6 9.0	21 M	0530 1307 1631 2240	1.5 5.4 4.9 7.8
7 M	0604 1324 1722 2347	0.6 6.3 4.7 8.9	22 TU	0609 1426 1743 2318	0.7 6.2 5.6 7.7
8 TU	0654 1439 1834	-0.4 7.2 5.5	23 W	0649 1515 1849 2353	0.0 6.9 6.1 7.7
9 W	0029 0738 1538 1940	8.7 -1.2 7.9 6.0	24 TH	0728 1556 1941	-0.6 7.4 6.3
10 TH	0112 0820 1627 2042	8.5 -1.7 8.4 6.2	25 F	0036 0805 1625 2031	7.7 -1.3 7.8 6.3
11 F	0157 0902 1713 2139	8.2 -1.9 8.7 6.1	26 SA	0121 0844 1654 2114	7.8 -1.8 8.2 6.2
12 SA	0242 0942 1748 2232	7.9 -1.9 8.8 5.9	27 SU	0208 0923 1726 2155	7.8 -2.1 8.4 5.9
13 SU	0324 1021 1826 2324	7.5 -1.7 8.7 5.6	28 M	0302 1005 1758 2241	7.8 -2.2 8.6 5.4
14 M	0411 1059 1858	7.1 -1.4 8.6	29 TU	0354 1045 1833 2330	7.6 -2.0 8.8 4.8
15 TU	0013 0458 1141 1932	5.2 6.6 -0.8 8.5	30 W	0457 1130 1906	7.4 -1.4 8.9
			31 TH	0026 0559 1215 1943	4.1 6.9 -0.4 8.9

NOVEMBER 1980

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 SA	0441 1233 1903	1.7 8.6 3.9	16 SU	0331 1137 1806 2238	1.1 8.8 4.5 5.6
2 SU	0006 0543 1312 1938	5.6 2.3 8.4 3.1	17 M	0437 1214 1841	1.9 8.9 3.3
3 M	0125 0636 1343 2003	5.9 2.9 8.2 2.4	18 TU	0022 0543 1250 1914	6.0 2.6 8.9 2.0
4 TU	0228 0727 1406 2028	6.3 3.4 8.0 1.7	19 W	0149 0643 1325 1949	6.7 3.4 9.0 0.6
5 W	0318 0808 1428 2050	6.8 3.8 7.8 0.9	20 TH	0255 0741 1358 2028	7.6 4.1 9.1 -0.6
6 TH	0403 0848 1447 2115	7.2 4.3 7.7 0.3	21 F	0357 0836 1435 2110	8.3 4.8 9.1 -1.6
7 F	0445 0930 1508 2144	7.5 4.7 7.6 -0.4	22 SA	0452 0929 1510 2154	9.0 5.4 9.0 -2.2
8 SA	0524 1012 1530 2212	7.8 5.1 7.5 -0.8	23 SU	0545 1025 1549 2237	9.4 5.8 8.7 -2.4
9 SU	0606 1051 1556 2246	8.1 5.6 7.4 -1.1	24 M	0637 1126 1629 2322	9.6 6.1 8.3 -2.1
10 M	0648 1136 1621 2322	8.3 5.9 7.2 -1.1	25 TU	0730 1234 1713	9.6 6.3 7.7
11 TU	0733 1231 1643	8.4 6.3 7.0	26 W	0009 0819 1355 1805	-1.5 9.5 6.1 7.1
12 W	0001 0822 1337 1708	-1.0 8.5 6.5 6.8	27 TH	0058 0912 1529 1907	-0.7 9.4 5.7 6.3
13 TH	0044 0917	-0.7 8.5	28 F	0148 1002 1646 2022	0.4 9.2 5.0 5.6
14 F	0133 1003	-0.2 8.6	29 SA	0242 1048 1745 2203	1.4 9.0 4.2 5.2
15 SA	0229 1052 1745 2038	0.4 8.7 5.4 5.7	30 SU	0345 1130 1827 2355	2.4 8.8 3.4 5.2

DECEMBER 1980

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 M	0448 1205 1901	3.4 8.6 2.6	16 TU	0355 1118 1806	3.0 9.4 2.3
2 TU	0126 0549 1235 1930	5.7 4.1 8.4 1.7	17 W	0042 0503 1157 1848	6.1 4.2 9.4 0.9
3 W	0233 0645 1301 1955	6.4 4.8 8.3 1.0	18 TH	0205 0613 1235 1930	7.0 5.1 9.5 -0.3
4 TH	0326 0737 1323 2021	7.0 5.4 8.2 0.2	19 F	0313 0718 1312 2012	8.0 5.9 9.4 -1.3
5 F	0411 0823 1347 2049	7.6 5.8 8.1 -0.5	20 SA	0406 0818 1352 2054	8.8 6.4 9.3 -2.0
6 SA	0447 0911 1414 2118	8.1 6.2 8.0 -1.0	21 SU	0455 0919 1434 2137	9.4 6.6 9.1 -2.3
7 SU	0525 0953 1441 2149	8.5 6.4 7.9 -1.4	22 M	0544 1018 1521 2220	9.8 6.7 8.7 -2.2
8 M	0603 1039 1507 2224	8.8 6.6 7.8 -1.6	23 TU	0626 1116 1605 2303	9.9 6.6 8.3 -1.8
9 TU	0639 1124 1542 2300	9.0 6.7 7.6 -1.6	24 W	0708 1219 1654 2345	9.8 6.3 7.7 -1.1
10 W	0718 1215 1613 2339	9.1 6.8 7.3 -1.4	25 TH	0749 1325 1746	9.7 5.9 7.0
11 TH	0800 1315 1652	9.2 6.7 7.0	26 F	0029 0828 1437 1842	-0.3 9.5 5.4 6.3
12 F	0022 0839 1433 1748	-1.0 9.3 6.3 6.6	27 SA	0114 0907 1550 1954	0.8 9.3 4.7 5.6
13 SA	0106 0920 1543 1907	-0.2 9.3 5.7 6.0	28 SU	0200 0945 1644 2125	1.9 9.0 3.9 5.2
14 SU	0158 1002 1639 2053	0.7 9.3 4.7 5.6	29 M	0249 1019 1731 2331	3.1 8.8 3.1 5.2
15 M	0252 1040 1724 2250	1.8 9.4 3.6 5.5	30 TU	0348 1051 1809	4.2 8.7 2.3
			31 W	0119 0453 1122 1845	5.8 5.1 8.5 1.5

JANUARY 1981

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Th	0241 0605 1153 1919	6.6 5.9 8.5 0.6	16 F	0219 0600 1151 1910	7.6 6.4 9.3 -0.6
2 F	0330 0704 1222 1951	7.4 6.5 8.4 -0.1	17 Sa	0318 0715 1238 1955	8.5 7.0 9.2 -1.2
3 Sa	0412 0805 1254 2023	8.0 6.9 8.3 -0.7	18 Su	0409 0821 1329 2039	9.2 7.1 9.0 -1.6
4 Su	0447 0855 1330 2055	8.5 7.1 8.3 -1.2	19 M	0451 0919 1418 2124	9.6 7.0 8.7 -1.7
5 M	0519 0938 1404 2131	8.9 7.2 8.2 -1.6	20 Tu	0530 1015 1507 2204	9.7 6.7 8.4 -1.5
6 Tu	0551 1018 1443 2207	9.2 7.1 8.1 -1.8	21 W	0606 1104 1559 2245	9.7 6.3 8.0 -1.1
7 W	0621 1100 1525 2245	9.3 7.0 8.0 -1.8	22 Th	0641 1155 1645 2324	9.6 5.8 7.5 -0.4
8 Th	0654 1145 1614 2325	9.5 6.7 7.7 -1.5	23 F	0713 1245 1736	9.4 5.3 6.9
9 F	0729 1238 1706	9.5 6.3 7.4	24 Sa	0003 0742 1337 1833	0.4 9.2 4.7 6.4
10 Sa	0006 0804 1336 1809	-0.9 9.6 5.7 6.9	25 Su	0041 0812 1436 1935	1.4 9.0 4.1 5.9
11 Su	0051 0839 1435 1927	0.1 9.6 4.9 6.3	26 M	0124 0842 1525 2100	2.5 8.8 3.4 5.5
12 M	0137 0915 1542 2104	1.3 9.6 3.8 5.9	27 Tu	0206 0911 1616 2256	3.6 8.6 2.7 5.5
13 Tu	0229 0952 1637 2302	2.7 9.5 2.7 5.9	28 W	0257 0940 1709	4.8 8.4 2.0
14 W	0331 1028 1732	4.2 9.5 1.5	29 Th	0110 0406 1012 1751	6.1 5.8 8.3 1.3
15 Th	0056 0440 1109 1822	6.6 5.5 9.4 0.3	30 F	0235 0534 1047 1836	7.0 6.5 8.2 0.7
			31 Sa	0318 0649 1129 1915	7.7 7.0 8.1 0.1

TIME MERIDIAN 120° W. 0000 IS MIDNIGHT. 1200 IS NOON.
HEIGHTS ARE REFERRED TO MEAN LOWER LOW WATER WHICH IS THE CHART DATUM OF SOUNDINGS.