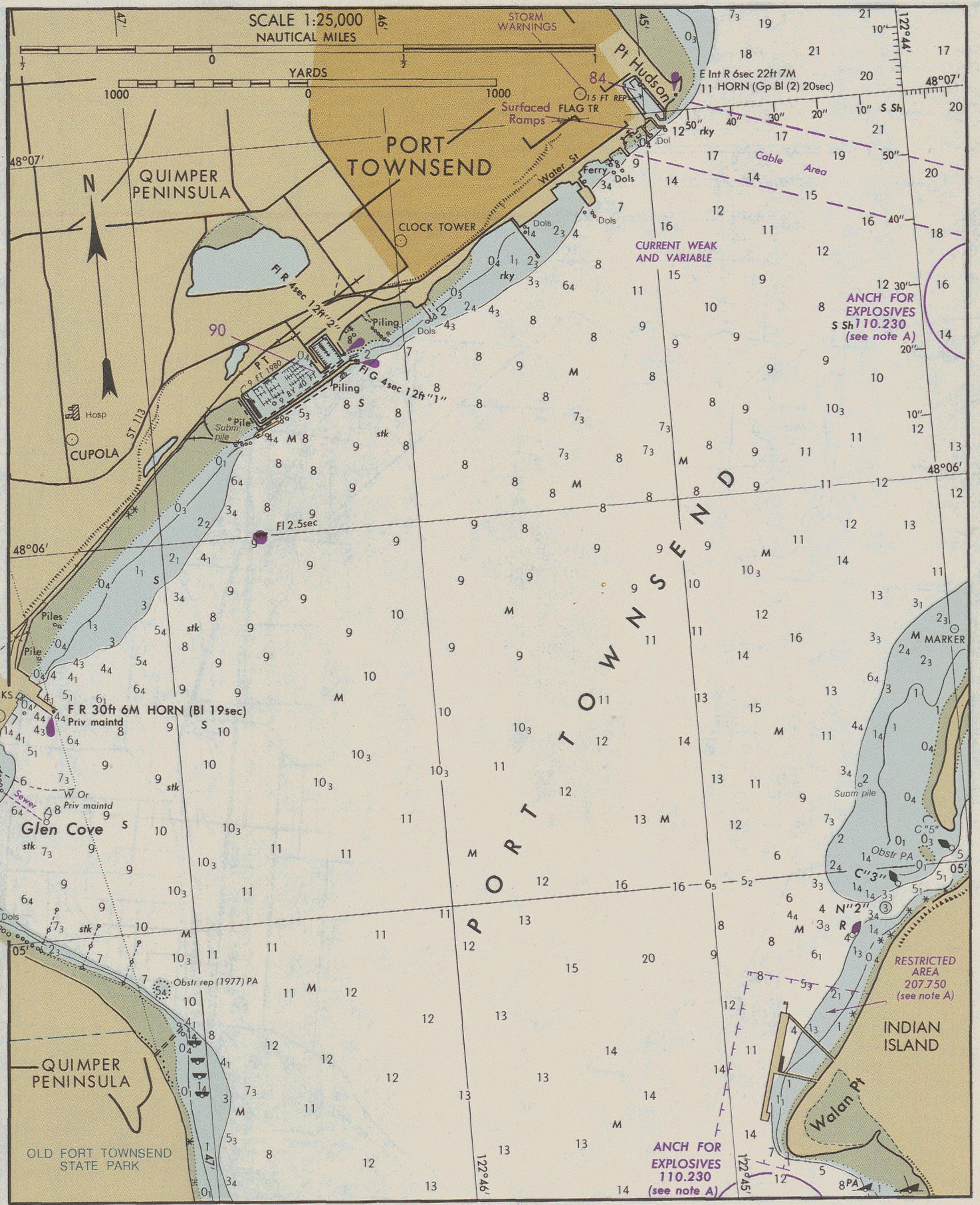
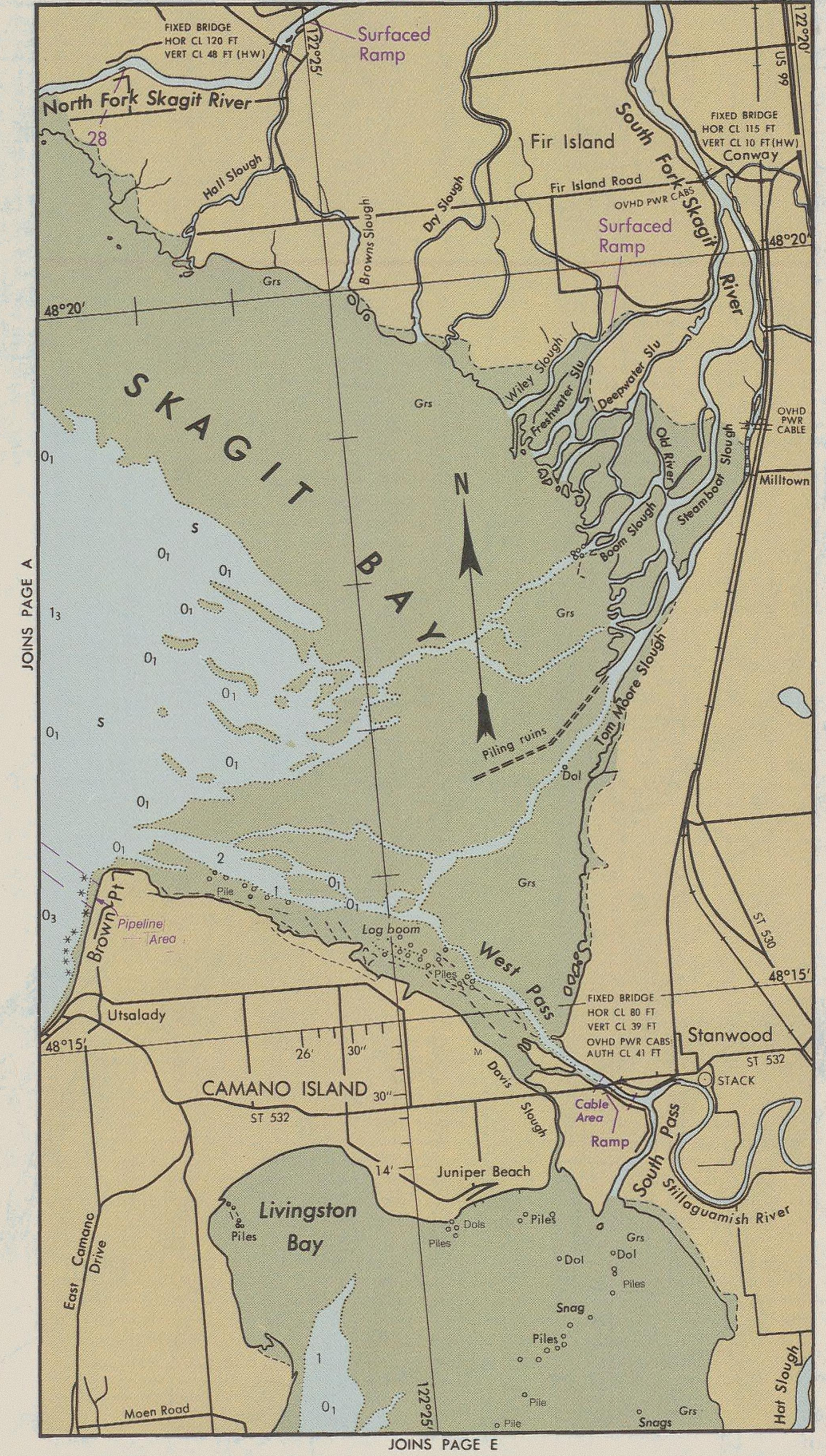


INSET 9



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

PORT TOWNSEND, WASH., 1982-1983

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 tabulations to these tide predictions.

MAY 1982

Day	Time h.m.	Ht. ft.
1 Sa	0600 0954 1637	5.4 6.1 0.5
2 Su	0042 0655 1138 1743	8.8 4.4 5.9 1.2
3 M	0125 0737 1312 1841	8.7 3.4 6.1 1.9
4 Tu	0158 0812 1426 1937	8.6 2.5 6.4 2.6
5 W	0230 0841 1524 2022	8.3 1.5 6.8 3.3
6 Th	0253 0912 1619 2104	8.1 0.7 7.1 4.0
7 F	0314 0937 1708 2150	7.8 -0.1 7.5 4.6
8 Sa	0332 1007 1753 2233	7.6 -0.7 7.7 5.1
9 Su	0351 1038 1836 2317	7.4 -1.1 7.9 5.6
10 M	0409 1110 1924	7.2 -1.3 8.1
11 Tu	0013 0431 1146 2006	6.0 7.0 -1.3 8.1
12 W	0122 0500 1227 2059	6.2 6.7 -1.1 8.1
13 Th	0301 0527 1311 2152	6.2 6.4 -0.7 8.1
14 F	1401 2243	-0.1 8.1
15 Sa	1457 2327	0.4 8.1
16 Su	0631 0848 1554	5.0 5.1 1.0
17 M	0007 0650 1041 1653	8.1 4.3 4.9 1.6
18 Tu	0035 0712 1224 1753	8.1 3.4 5.1 2.2
19 W	0104 0730 1346 1845	8.1 2.3 5.7 2.9
20 Th	0131 0757 1455 1936	8.2 1.0 6.4 3.6
21 F	0157 0829 1554 2025	8.3 -0.3 7.2 4.4
22 Sa	0227 0906 1649 2115	8.4 -1.6 8.0 5.1
23 Su	0256 0948 1741 2207	8.5 -2.5 8.6 5.7
24 M	0331 1030 1837 2305	8.5 -3.1 9.0 6.2
25 Tu	0413 1119 1929	8.3 -3.2 9.2
26 W	0011 0457 1209 2025	6.4 8.0 -2.9 9.3
27 Th	0129 0551 1302 2122	6.4 7.4 -2.1 9.2
28 F	0309 0657 1400 2215	6.0 6.7 -1.1 9.2
29 Sa	0442 0819 1502 2305	5.2 6.0 0.0 9.1
30 Su	0541 1002 1605 2347	4.2 5.4 1.2 8.9
31 M	0633 1152 1707	3.1 5.3 2.3

JUNE 1982

Day	Time h.m.	Ht. ft.
1 Tu	0027 0715 1329 1806	8.7 2.1 5.7 3.3
2 W	0102 0747 1440 1905	8.5 1.1 6.3 4.2
3 Th	0128 0815 1542 1954	8.2 0.3 6.9 5.0
4 F	0149 0841 1631 2042	7.9 -0.4 7.4 5.5
5 Sa	0208 0909 1716 2133	7.7 -1.0 7.8 5.9
6 Su	0226 0938 1755 2223	7.5 -1.5 8.1 6.2
7 M	0248 1009 1834 2312	7.3 -1.8 8.3 6.4
8 Tu	0314 1044 1911	7.1 -1.9 8.4
9 W	0005 0345 1120 1948	6.4 6.9 -1.8 8.4
10 Th	0114 0416 1201 2028	6.4 6.6 -1.5 8.4
11 F	0245 0451 1240 2111	6.1 6.2 -1.0 8.4
12 Sa	1324 2147	-0.4 8.4
13 Su	0503 0700 1409 2222	5.1 5.2 0.4 8.4
14 M	0525 0836 1502 2257	4.4 4.8 1.3 8.4
15 Tu	0553 1029 1557 2327	3.5 4.6 2.3 8.4
16 W	0616 1224 1656 2356	2.3 5.0 3.3 8.4
17 Th	0647 1357 1758	1.0 5.8 4.3
18 F	0024 0723 1503 1857	8.5 -0.3 6.8 5.2
19 Sa	0056 0801 1602 1957	8.7 -1.6 7.7 5.9
20 Su	0130 0843 1651 2055	8.8 -2.7 8.5 6.3
21 M	0211 0929 1740 2154	8.8 -3.4 9.0 6.6
22 Tu	0259 1015 1828 2256	8.7 -3.6 9.3 6.6
23 W	0348 1104 1914	8.4 -3.4 9.4
24 Th	0001 0447 1153 1959	6.3 7.9 -2.8 9.4
25 F	0117 0549 1245 2045	5.9 7.2 -1.8 9.3
26 Sa	0237 0658 1337 2130	5.2 6.4 -0.6 9.2
27 Su	0356 0824 1433 2213	4.2 5.6 0.8 9.0
28 M	0458 1005 1527 2249	3.2 5.1 2.2 8.8
29 Tu	0554 1203 1624 2327	2.2 5.2 3.5 8.5
30 W	0636 1339 1731 2359	1.2 5.8 4.6 8.2

JULY 1982

Day	Time h.m.	Ht. ft.
1 Th	0709 1451 1836	0.4 6.6 5.4
2 F	0024 0741 1547 1938	8.0 -0.2 7.3 6.0
3 Sa	0049 0810 1632 2031	7.7 -0.8 7.8 6.4
4 Su	0114 0842 1711 2124	7.6 -1.2 8.1 6.5
5 M	0136 0914 1743 2213	7.4 -1.6 8.3 6.5
6 Tu	0215 0948 1815 2256	7.3 -1.8 8.4 6.4
7 W	0254 1024 1843 2341	7.1 -1.9 8.4 6.3
8 Th	0333 1102 1915	6.9 -1.7 8.5
9 F	0030 0421 1138 1947	6.0 6.6 -1.4 8.5
10 Sa	0119 0506 1216 2019	5.7 6.2 -0.9 8.5
11 Su	0218 0605 1255 2051	5.2 5.7 -0.1 8.4
12 M	0310 0711 1334 2121	4.5 5.3 0.9 8.4
13 Tu	0355 0843 1420 2153	3.6 4.9 2.1 8.4
14 W	0437 1035 1511 2222	2.6 4.8 3.3 8.5
15 Th	0523 1233 1610 2253	1.4 5.4 4.6 8.5
16 F	0608 1405 1727 2328	0.1 6.4 5.6 8.7
17 Sa	0654 1508 1837	-1.1 7.4 6.3
18 Su	0008 0739 1557 1944	8.8 -2.1 8.2 6.6
19 M	0056 0826 1642 2045	8.8 -2.8 8.7 6.7
20 Tu	0151 0914 1724 2145	8.8 -3.1 9.1 6.4
21 W	0250 1001 1803 2240	8.6 -3.1 9.2 6.0
22 Th	0351 1049 1845 2339	8.2 -2.7 9.2 5.4
23 F	0451 1135 1922	7.7 -1.9 9.1
24 Sa	0042 0557 1224 1959	4.7 7.0 -0.8 9.0
25 Su	0151 0706 1310 2038	4.0 6.3 0.5 8.8
26 M	0256 0825 1401 2112	3.2 5.7 1.9 8.5
27 Tu	0355 1001 1456 2149	2.4 5.3 3.3 8.3
28 W	0451 1154 1600 2221	1.6 5.6 4.5 8.0
29 Th	0540 1334 1714 2253	0.9 6.3 5.4 7.7
30 F	0622 1443 1827 2325	0.4 7.0 6.0 7.5
31 Sa	0703 1531 1938	-0.1 7.6 6.3

NOVEMBER 1982

Day	Time h.m.	Ht. ft.
1 M	0425 0920 1525 2150	7.6 3.9 8.2 -0.8
2 Tu	0517 1005 1554 2228	8.1 4.7 8.3 -1.6
3 W	0612 1051 1619 2310	8.5 5.4 8.3 -2.1
4 Th	0705 1143 1654 2356	8.8 6.1 8.1 -2.2
5 F	0807 1245 1733	9.0 6.6 7.9
6 Sa	0048 0913 1417 1818	-1.8 9.0 6.7 7.4
7 Su	0145 1015 1610 1931	-1.2 9.1 6.4 6.8
8 M	0248 1113 1733 2110	-0.4 9.1 5.6 6.2
9 Tu	0357 1205 1832 2300	0.6 9.1 4.6 6.0
10 W	0506 1248 1911	1.4 9.1 3.5
11 Th	0044 0611 1326 1946	6.2 2.3 9.0 2.4
12 F	0205 0707 1356 2018	6.7 3.1 8.8 1.4
13 Sa	0311 0759 1422 2050	7.2 3.9 8.5 0.5
14 Su	0405 0848 1447 2118	7.7 4.7 8.3 -0.3
15 M	0455 0930 1506 2147	8.1 5.3 8.0 -0.9
16 Tu	0544 1016 1524 2219	8.4 5.8 7.8 -1.2
17 W	0626 1109 1542 2251	8.6 6.2 7.5 -1.3
18 Th	0711 1203 1600 2326	8.7 6.5 7.3 -1.2
19 F	0753 1318 1629	8.8 6.6 6.9
20 Sa	0005 0842 1504 1654	-0.9 8.7 6.5 6.6
21 Su	0047 0928	-0.4 8.7
22 M	0137 1018	0.2 8.6
23 Tu	0230 1100 1825 2038	0.9 8.6 5.0 5.1
24 W	0326 1139 1844 2238	1.7 8.6 4.2 4.9
25 Th	0430 1211 1902	2.4 8.6 3.4
26 F	0024 0529 1238 1924	5.2 3.1 8.6 2.3
27 Sa	0146 0624 1304 1945	5.9 3.9 8.6 1.2
28 Su	0251 0713 1329 2014	6.7 4.6 8.7 -0.1
29 M	0347 0805 1357 2046	7.5 5.3 8.8 -1.2
30 Tu	0436 0854 1426 2124	8.3 5.9 8.9 -2.2

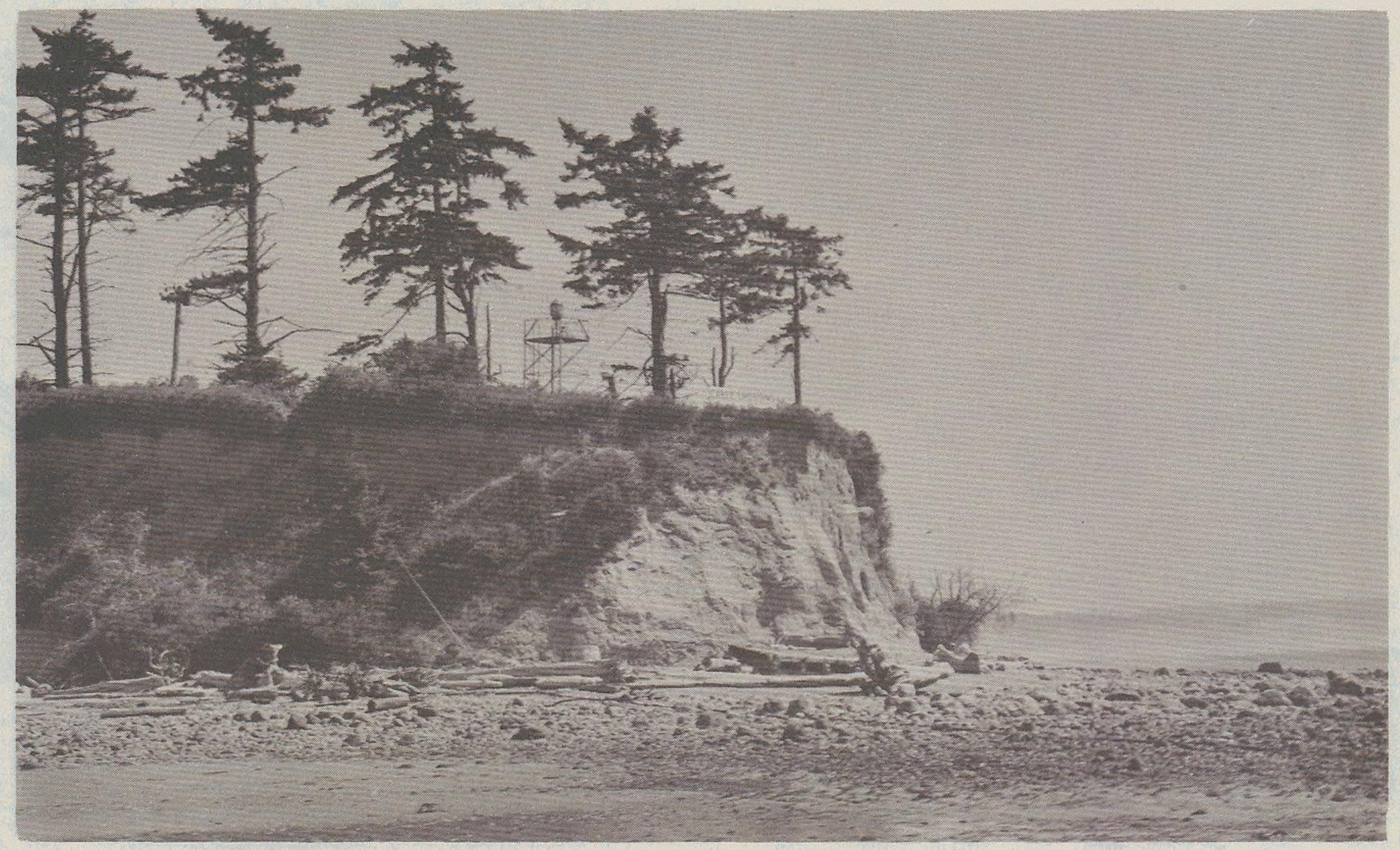
DECEMBER 1982

Day	Time h.m.	Ht. ft.
1 W	0525 0944 1455 2206	9.0 6.4 8.9 -2.8
2 Th	0614 1037 1536 2251	9.5 6.8 8.8 -3.0
3 F	0703 1137 1622 2339	9.7 7.0 8.5 -2.7
4 Sa	0755 1249 1711	9.8 7.0 8.0
5 Su	0031 0847 1419 1816	-2.1 9.8 6.6 7.3
6 M	0124 0939 1555 1939	-1.0 9.8 5.8 6.5
7 Tu	0225 1027 1707 2122	0.2 9.7 4.8 5.9
8 W	0325 1113 1803 2317	1.5 9.5 3.6 5.7
9 Th	0431 1155 1845	2.8 9.4 2.4
10 F	0104 0539 1230 1923	6.1 4.0 9.2 1.4
11 Sa	0227 0641 1300 1955	6.9 5.0 8.9 0.5
12 Su	0329 0737 1326 2027	7.6 5.8 8.6 -0.2
13 M	0421 0830 1347 2056	8.3 6.4 8.3 -0.8
14 Tu	0503 0925 1406 2124	8.7 6.8 8.1 -1.2
15 W	0545 1014 1427 2153	9.0 7.0 7.9 -1.4
16 Th	0621 1106 1453 2228	9.2 7.0 7.7 -1.5
17 F	0656 1157 1524 2303	9.2 7.0 7.4 -1.4
18 Sa	0731 1256 1603 2341	9.2 6.8 7.1 -1.0
19 Su	0806 1412 1639	9.2 6.6 6.7
20 M	0020 0844 1528 1727	-0.5 9.1 6.1 6.2
21 Tu	0102 0919 1630 1846	0.2 9.0 5.5 5.6
22 W	0145 0954 1711 2016	1.1 9.0 4.8 5.1
23 Th	0231 1026 1737 2213	2.1 8.9 3.9 4.9
24 F	0321 1057 1806	3.2 8.9 2.8
25 Sa	0018 0423 1126 1833	5.3 4.3 8.9 1.6
26 Su	0154 0528 1155 1905	6.2 5.3 9.0 0.4
27 M	0300 0634 1226 1942	7.2 6.2 9.1 -0.9
28 Tu	0349 0734 1259 2023	8.2 6.8 9.2 -1.9
29 W	0437 0834 1340 2106	9.0 7.2 9.3 -2.7
30 Th	0520 0931 1429 2151	9.6 7.3 9.3 -3.1
31 F	0604 1026 1524 2237	9.9 7.2 9.1 -3.0

JANUARY 1983

Day	Time h.m.	Ht. ft.
1 Sa	0652 1130 1608 2327	10.2 7.2 8.7 -2.7
2 Su	0734 1239 1710	10.2 6.7 8.1
3 M	0017 0816 1355 1823	-1.7 10.1 5.9 7.3
4 Tu	0106 0859 1510 1945	-0.5 9.9 4.9 6.4
5 W	0159 0938 1619 2125	1.0 9.8 3.8 5.8
6 Th	0253 1017 1719 2327	2.6 9.6 2.7 5.8
7 F	0356 1050 1809	4.1 9.3 1.7
8 Sa	0124 0506 1124 1848	6.4 5.4 9.0 0.8
9 Su	0243 0617 1152 1925	7.4 6.4 8.7 0.1
10 M	0339 0733 1224 1959	8.2 7.0 8.5 -0.4
11 Tu	0424 0834 1249 2031	8.7 7.3 8.2 -0.7
12 W	0502 0933 1321 2103	9.1 7.4 8.0 -1.0
13 Th	0531 1019 1400 2136	9.2 7.3 7.9 -1.1
14 F	0600 1057 1442 2209	9.2 7.1 7.7 -1.2
15 Sa	0628 1133 1527 2244	9.2 6.8 7.5 -1.1
16 Su	0654 1212 1613 2319	9.2 6.5 7.2 -0.7
17 M	0722 1254 1702 2355	9.1 6.1 6.8 -0.1
18 Tu	0754 1342 1757	9.1 5.5 6.3
19 W	0030 0823 1430 1900	0.7 9.0 4.9 5.8
20 Th	0106 0851 1519 2022	1.7 9.0 4.1 5.4
21 F	0145 0918 1609 2218	2.9 8.9 3.1 5.3
22 Sa	0222 0944 1654	4.3 8.9 2.0
23 Su	0035 0321 1011 1739	5.9 5.6 8.9 0.8
24 M	0218 0445 1039 1825	7.0 6.7 9.0 -0.3
25 Tu	0310 0610 1118 1912	8.1 7.5 9.1 -1.4
26 W	0352 0723 1208 2002	8.9 7.8 9.2 -2.1
27 Th	0433 0827 1309 2050	9.5 7.7 9.3 -2.6
28 F	0509 0924 1415 2138	9.8 7.3 9.2 -2.7
29 Sa	0546 1018 1519 2227	9.9 6.8 9.0 -2.4
30 Su	0620 1114 1626 2312	10.0 6.0 8.6 -1.7
31 M	0655 1210 1730	9.9 5.2 8.0

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.



DOUBLE BLUFF LIGHT

POINT WILSON LIGHT

STORM SIGNALS

	DAY SIGNALS	NIGHT SIGNALS
SMALL CRAFT ADVISORY Winds from 18 to 33 knots Check radio for latest marine weather forecasts.		
GALE WARNING Winds forecast from 34-47 knots.		
STORM WARNING Winds forecast from 48-63 knots.		
HURRICANE WARNING Winds forecast 64 knots and above.		