PORT TOWNSEND, WASH., 1982-83

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.

AUGUST 1982

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Su	0003 0739 1610 2031	7.3 -0.5 7.9 6.4	16 M	0719 1538 1947	-1.7 8.4 6.5
2 M	0045 0818 1642 2116	7.2 -0.9 8.1 6.3	17 Tu	0054 0810 1616 2044	8.3 -2.1 8.7 6.0
3 Tu	0125 0855 1711 2155	7.2 -1.2 8.2 6.1	18 W	0159 0900 1652 2136	8.3 -2.1 8.8 5.4
4 W	0216 0930 1736 2227	7.1 -1.3 8.2 5.8	19 Th	0305 0948 1728 2225	8.2 -1.8 8.8 4.6
5 Th	0302 1005 1804 2259	7.0 -1.3 8.2 5.4	20 F	0404 1033 1800 2314	7.9 -1.2 8.7 3.8
6 F	0347 1041 1831 2337	6.9 -1.1 8.2 5.0	21 Sa	0505 1115 1835	7.5 -0.3 8.5
7 Sa	0436 1116 1857	6.6 -0.7 8.2	22 Su	0004 0605 1201 1905	3.1 7.0 0.8 8.3
8 Su	0016 0525 1152 1923	4.5 6.3 0.0 8.2	23 M	0055 0708 1246 1937	2.5 6.6 2.0 8.1
9 M	0058 0625 1229 1951	3.8 6.0 0.9 8.2	24 Tu	0147 0823 1335 2008	1.9 6.2 3.2 7.8
10 Tu	0147 0734 1308 2022	3.1 5.7 2.0 8.2	25 W	0242 0949 1434 2036	1.5 6.0 4.4 7.5
11 W	0242 0856 1350 2051	2.3 5.5 3.3 8.2	26 Th	0338 1142 1550 2111	1.2 6.3 5.3 7.2
12 Th	0338 1048 1442 2123	1.4 5.6 4.6 8.2	27 F	0434 1311 1718 2147	0.9 6.8 5.9 7.0
13 F	0433 1237 1559 2201	0.5 6.3 5.7 8.3	28 Sa	0529 1410 1838 2235	0.6 7.4 6.0 6.8
14 Sa	0529 1357 1724 2249	-0.4 7.2 6.4 8.3	29 Su	0620 1457 1939 2334	0.3 7.7 6.0 6.7
15 Su	0624 1455 1844 2348	-1.2 7.9 6.6 8.3	30 M	0707 1530 2025	0.1 7.9 5.8
			31 Tu	0033 0750 1558 2057	6.7 -0.2 7.9 5.4

SEPTEMBER 1982

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 W	0136 0830 1622 2126	6.8 -0.4 7.9 5.0	16 Th	0221 0844 1609 2124	7.7 -0.4 8.5 3.7
2 Th	0225 0907 1645 2151	6.8 -0.4 7.9 4.5	17 F	0324 0929 1639 2203	7.7 0.1 8.4 2.8
3 F	0313 0943 1709 2221	6.9 -0.3 7.9 3.9	18 Sa	0423 1011 1708 2245	7.7 0.8 8.2 1.9
4 Sa	0402 1018 1733 2255	6.9 0.0 7.9 3.3	19 Su	0519 1057 1736 2326	7.5 1.7 8.0 1.3
5 Su	0453 1053 1757 2330	6.8 0.6 7.9 2.5	20 M	0615 1136 1802	7.3 2.7 7.7
6 M	0544 1128 1825	6.7 1.5 7.9	21 Tu	0005 0712 1224 1829	0.8 7.1 3.7 7.4
7 Tu	0011 0644 1207 1853	1.8 6.6 2.5 7.9	22 W	0047 0817 1316 1851	0.6 7.0 4.7 7.1
8 W	0057 0753 1249 1919	1.2 6.5 3.7 7.9	23 Th	0133 0930 1429 1923	0.5 7.0 5.4 6.8
9 Th	0150 0913 1341 1951	0.6 6.6 4.8 7.8	24 F	0225 1103 1607 1955	0.6 7.1 5.9 6.5
10 F	0245 1046 1450 2032	0.2 6.8 5.8 7.8	25 Sa	0323 1222 1745 2047	0.7 7.4 5.9 6.2
11 Sa	0351 1224 1627 2121	-0.2 7.4 6.4 7.7	26 Su	0426 1321 1856 2156	0.8 7.7 5.7 6.0
12 Su	0457 1331 1758 2230	-0.5 7.9 6.4 7.6	27 M	0531 1401 1938 2319	0.9 7.9 5.3 5.9
13 M	0600 1423 1904 2356	-0.7 8.3 6.1 7.5	28 Tu	0625 1431 2007	0.8 7.9 4.9
14 Tu	0700 1501 1958	-0.8 8.5 5.4	29 W	0035 0715 1458 2031	6.1 0.8 7.9 4.3
15 W	0112 0755 1536 2042	7.6 -0.7 8.6 4.6	30 Th	0139 0800 1523 2057	6.3 0.8 7.9 3.7

OCTOBER 1982

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 F	0233 0838 1545 2119	6.6 1.0 7.8 2.9	16 Sa	0347 0910 1546 2140	7.5 2.4 8.2 1.0
2 Sa	0325 0914 1607 2146	6.8 1.3 7.9 2.0	17 Su	0440 0952 1609 2215	7.7 3.2 8.0 0.2
3 Su	0415 0949 1629 2218	7.1 1.8 7.9 1.1	18 M	0532 1034 1633 2248	7.8 3.9 7.7 -0.3
4 M	0505 1025 1653 2254	7.3 2.6 7.9 0.3	19 Tu	0621 1120 1651 2323	7.9 4.7 7.4 -0.6
5 Tu	0601 1107 1718 2336	7.5 3.4 7.9 -0.3	20 W	0713 1210 1713	8.0 5.3 7.2
6 W	0700 1148 1750	7.6 4.4 7.9	21 Th	0002 0809 1314 1735	-0.6 8.0 5.9 6.8
7 Th	0021 0805 1240 1819	-0.8 7.7 5.3 7.7	22 F	0044 0908 1447 1803	-0.4 8.0 6.2 6.5
8 F	0111 0921 1351 1857	-0.9 7.9 6.1 7.6	23 Sa	0128 1017	0.0 8.0
9 Sa	0210 1039 1529 1946	-0.8 8.1 6.5 7.3	24 Su	0222 1123	0.4 8.1
10 Su	0317 1153 1718 2104	-0.5 8.3 6.3 6.9	25 M	0325 1214 1854 2110	0.9 8.1 5.2 5.4
11 M	0427 1251 1830 2242	-0.1 8.6 5.7 6.7	26 Tu	0430 1253 1919 2300	1.3 8.1 4.7 5.3
12 Tu	0538 1339 1916	0.2 8.7 4.9	27 W	0533 1325 1941	1.6 8.1 4.0
13 W	0019 0637 1415 1957	6.7 0.6 8.7 3.9	28 Th	0030 0628 1349 2003	5.5 1.9 8.1 3.3
14 Th	0141 0736 1450 2033	6.9 1.1 8.6 2.9	29 F	0140 0714 1414 2021	5.9 2.2 8.1 2.3
15 F	0247 0822 1519 2111	7.2 1.7 8.4 1.9	30 Sa	0240 0759 1438 2046	6.5 2.7 8.1 1.3
			31 Su	0336 0839 1500 2115	7.0 3.3 8.2 0.2

FEBRUARY 1983

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0001 0731 1312 1839	-0.6 9.8 4.3 7.2	16 W	0659 1233 1813	8.7 3.9 6.5
2 W	0047 0806 1417 1954	0.8 9.6 3.4 6.6	17 Th	0004 0722 1318 1919	1.7 8.7 3.2 6.2
3 Th	0133 0838 1517 2129	2.4 9.4 2.6 6.1	18 F	0039 0748 1404 2036	2.9 8.6 2.4 6.0
4 F	0225 0910 1616 2329	3.9 9.1 1.9 6.3	19 Sa	0115 0811 1456 2223	4.1 8.6 1.7 6.1
5 Sa	0324 0942 1710	5.3 8.7 1.3	20 Su	0200 0836 1552	5.4 8.6 0.9
6 Su	0125 0453 1015 1803	7.0 6.4 8.4 0.8	21 M	0033 0259 0903 1651	6.8 6.6 8.6 0.1
7 M	0238 0622 1053 1845	7.8 7.0 8.1 0.4	22 Tu	0159 0445 0939 1752	7.7 7.4 8.6 -0.6
8 Tu	0327 0744 1135 1927	8.4 7.2 7.8 0.1	23 W	0248 0620 1042 1849	8.5 7.6 8.6 -1.1
9 W	0359 0847 1224 2008	8.8 7.1 7.6 -0.2	24 Th	0327 0730 1205 1945	9.0 7.4 8.6 -1.6
10 Th	0433 0928 1317 2043	8.9 6.9 7.6 -0.4	25 F	0400 0825 1324 2037	9.3 6.8 8.6 -1.7
11 F	0459 1000 1409 2119	8.9 6.6 7.5 -0.5	26 Sa	0434 0917 1437 2126	9.4 6.0 8.6 -1.5
12 Sa	0522 1025 1500 2154	8.8 6.2 7.4 -0.5	27 Su	0506 1003 1542 2212	9.4 5.0 8.4 -0.9
13 Su	0543 1054 1543 2228	8.8 5.7 7.3 -0.3	28 M	0535 1052 1644 2257	9.3 4.0 8.2 0.0
14 M	0608 1122 1632 2300	8.8 5.2 7.1 0.1			
15 Tu	0633 1157 1723 2332	8.8 4.6 6.8 0.8			

MARCH 1983

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Tu	0605 1141 1747 2339	9.2 3.1 7.8 1.1	16 W	0535 1114 1740 2307	8.2 2.4 7.0 2.3
2 W	0636 1229 1850	9.1 2.3 7.3	17 Th	0556 1149 1836 2342	8.2 1.6 6.9 3.3
3 Th	0025 0705 1321 2003	2.5 8.9 1.7 7.0	18 F	0621 1229 1939	8.2 1.0 6.9
4 F	0111 0733 1414 2124	3.8 8.6 1.3 6.8	19 Sa	0021 0642 1318 2054	4.3 8.1 0.4 7.0
5 Sa	0207 0804 1506 2310	5.1 8.2 1.1 7.0	20 Su	0106 0703 1407 2227	5.5 8.1 0.0 7.2
6 Su	0321 0833 1604	6.1 7.8 1.0	21 M	0205 0727 1509	6.4 8.0 -0.2
7 M	0100 0506 0912 1701	7.5 6.6 7.4 0.9	22 Tu	0006 0336 0812 1614	7.7 7.1 7.9 -0.4
8 Tu	0202 0643 1000 1757	8.0 6.7 7.1 0.8	23 W	0120 0527 0915 1722	8.2 7.2 7.7 -0.5
9 W	0244 0752 1106 1851	8.3 6.5 6.9 0.6	24 Th	0205 0646 1047 1827	8.6 6.8 7.5 -0.6
10 Th	0319 0838 1218 1938	8.4 6.2 6.8 0.5	25 F	0243 0738 1230 1926	8.8 6.0 7.5 -0.5
11 F	0345 0906 1325 2020	8.4 5.7 6.8 0.4	26 Sa	0317 0824 1351 2018	8.9 5.0 7.6 -0.2
12 Sa	0408 0928 1421 2056	8.4 5.3 6.9 0.4	27 Su	0346 0906 1502 2104	8.9 3.9 7.8 0.3
13 Su	0430 0950 1512 2131	8.3 4.7 7.0 0.5	28 M	0415 0947 1604 2153	8.8 2.8 7.9 1.1
14 M	0451 1015 1600 2203	8.3 4.0 7.0 0.9	29 Tu	0443 1029 1704 2236	8.7 1.7 7.9 2.1
15 Tu	0513 1042 1649 2235	8.3 3.2 7.0 1.5	30 W	0509 1112 1801 2320	8.5 0.9 7.8 3.1
			31 Th	0536 1150 1900	8.3 0.3 7.7

APRIL 1983

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 F	0006 0601 1229 2006	4.2 8.0 0.0 7.6	16 Sa	0515 1157 1954	7.9 -1.2 7.9
2 Sa	0057 0629 1315 2118	5.1 7.7 0.0 7.6	17 Su	0015 0533 1242 2102	5.8 7.8 -1.4 8.0
3 Su	0211 0655 1403 2238	5.9 7.3 0.2 7.6	18 M	0111 0605 1337 2215	6.5 7.7 -1.3 8.2
4 M	0349 0727 1457	6.3 6.9 0.5	19 Tu	0240 0641 1437 2328	6.9 7.5 -1.0 8.4
5 Tu	0000 0539 0806 1559	7.8 6.3 6.5 0.8	20 W	0439 0737 1545	6.8 7.1 -0.6
6 W	0104 0655 0914 1703	8.0 5.9 6.1 1.0	21 Th	0026 0602 0923 1656	8.6 6.2 6.6 -0.1
7 Th	0144 0740 1051 1804	8.1 5.5 5.9 1.1	22 F	0112 0654 1122 1802	8.7 5.3 6.4 0.4
8 F	0215 0815 1220 1859	8.1 5.0 5.9 1.2	23 Sa	0151 0733 1302 1901	8.7 4.2 6.5 1.0
9 Sa	0242 0830 1329 1941	8.0 4.4 6.1 1.3	24 Su	0222 0815 1420 1954	8.7 2.9 6.9 1.7
10 Su	0303 0852 1429 2021	8.0 3.6 6.3 1.6	25 M	0252 0853 1526 2043	8.6 1.7 7.2 2.5
11 M	0324 0914 1522 2059	7.9 2.8 6.6 2.0	26 Tu	0319 0925 1625 2129	8.4 0.6 7.6 3.4
12 Tu	0346 0939 1615 2131	7.9 1.9 6.9 2.5	27 W	0343 1001 1721 2216	8.2 -0.3 7.9 4.2
13 W	0406 1004 1704 2207	7.9 0.9 7.2 3.3	28 Th	0405 1036 1813 2305	8.0 -0.9 8.0 5.0
14 Th	0428 1039 1756 2246	7.9 0.0 7.4 4.1	29 F	0430 1111 1908 2354	7.8 -1.2 8.2 5.6
15 F	0453 1115 1851 2327	7.9 -0.7 7.7 4.9	30 Sa	0451 1150 2001	7.4 -1.2 8.2

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	FREQ.	DAILY BROADCAST-PST	SPECIAL WARNING
Seattle, Wash.	NMW-43	157.1 MHz	9:03 A.M.	*On receipt
Port Angeles, Wash.	NOW	2670 kHz 157.1 MHz	9:45 AM & PM 9:33, 10:03 AM & PM	*On receipt *On receipt

*Preceded by announcement on 2182 kHz/156.8 MHz

Distress calls for small craft are made on 2182 kHz or channel 16 (156.80 MHz) VHF.

MARINE WEATHER FORECASTS

NATIONAL WEATHER SERVICE	TELEPHONE NUMBERS	OFFICE HOURS
Olympia, Wash.	*357-3856	24 Hours Daily

*Recorded

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQ.	BROADCAST TIMES
Seattle, Wash.	KHB-60	162.55 MHz	24 Hours Daily

FACILITIES

NO	LOCATION	TIDES: Mean range-ft	TIDES: Diff (hrs) Pt Townsend	DEPTH: Approach-feet (reported)	DEPTH: Alongside-feet (reported)	SERVICES: Electricity-moorings-berths (transients)	Ramp surfaced-natural	Repairs hull-motor-radio	Marine railway-feet	Lift capacity-tons	Boat rental canoe-row-motor	Charter-house-sail	Food-lodging-camping	Toilets-showers-laundry / Pump-out station	Winter storage wet-dry	Nautical chart sales	SUPPLIES: Water-ice	Groceries-hardware	Bait-tackle	Diesel oil-gasoline
2B	BLAINE	5.9	+1½	30	20												WI	H	BT	DG
3B	BLAINE	5.9	+1½	6	6	BME	S	HMR	110	35			FLC	TSL		C	WI	GH	BT	DG
4	BELLINGHAM	5.2	+1	12	10½	E		HMR	100	200					D					
5	BELLINGHAM	5.2	+1	13	13	BME		HMR		100		C S	F C	TSL P	WD	C	WI	GH	BT	DG
5B	BLAINE	5.9	+1½	12	12		S	H R					F	TS P		C	W	H		DG
7	BELLINGHAM	5.2	+1	15	5			HM	40	30							W	H		
9	S BELLINGHAM	5.2	+1	12	12	E		M					F	T			WI		BT	DG
10	GOOSEBERRY PT	5.2	+1	6	3			M	30	6			F	T	D	C	WI	GH	BT	G
10A	FLOUNDER BAY			17	7					24	M	CHS	F	TSL	WD	C	WI	GH	BT	DG
10C	ANACORTES	4.6	+½	15	8			HMR		400										
13	ANACORTES	4.6	+½	50	20	M		M		5	M	C	F	T	WD	C	WI	GH	BT	G
16	ANACORTES	4.6	+½	30	10	BME		HM	60	50				TS	D		WI	H	BT	DG
18	CAPSANTE WATERWAY	4.6	+½	9	4	BME		HMR			CRM	CHS	F	TS	D	C	WI	GH	BT	DG
19	CAPSANTE WATERWAY	4.6	+½	12	6	BME		HMR		25			FL	TS	WD	C	WI	GH	BT	DG
20	FIDALGO BAY	4.6	+½	10	10	B E		HM		60		C		T P	WD		W			DG
21A	LA CONNER	6.5	+1½	15	15			M								C	WI	GH	BT	DG
21C	LA CONNER	6.5	+1½	10	10	ME		HMR	27	4			FL	TSL	WD	C	WI	GH	BT	DG
21D	LA CONNER	6.5	+1½	12½	12½	ME				20							WI		B	DG
25A	SHARPE COVE					B								T			W			
25B	BOWMAN BAY						S							T						
26A	CORNET BAY	6.6	+1	3	10	BME		HM		7½		C		T	WD	C	WI	GH	BT	DG
28	N FORK SKAGIT R	6.0	+1½		15	M	S						FLC	TS	D		I		T	G
31	COUPEVILLE	7.8	+¾	20	6	BM					RM	S	FL	T			WI			
32	COUPEVILLE	7.8	+½	2	2	M							FLC	TSL	D	C				DG
33	OAK HARBOR	7.8	+½	10	10	B E	S	HMR		3½		C S	C	TSL P	WD	C	WI	GH	BT	DG
33A	OAK HARBOR	7.8	+½	10	10	B E	S	HMR		3½		C S	FLC	TSL P	WD	C	WI	GH	BT	DG
44	LOWELL POINT	7.8	+¾	3			S						C	TS						
49	LANGLEY	7.7	+¾	7½	5	BM	S	HM		4	M		F	T L	D	C	WI	GH	BT	G
50	LANGLEY	7.7	+¾	15	15			HM		4				T	D	C	WI	H	BT	G
55	EBEY SLU			15	10	M	S	H	45	20			F	T	WD					
57B	SNOHOMISH R			14	14	B E	S	HM		50					D	C	W		B	DG
58A	EVERETT	7.4	+½	15	10					15	M				D		I	GH	BT	G
59	EVERETT	7.4	+½	12	12			HM	100											
60	EVERETT	7.4	+½	15	11	BME	S	HMR	300	30		C	F	TSL P			WI	H	BT	DG
69	MUKILTED	7.4	+½	14	4	E			19	2			F	T	D		WI	G	BT	G
76A	VILLAGE POINT	5.2	+1	6	4		S			4	M		F	T	D		WI		BT	DG
79	CLARK POINT	5.0	+¾						18	1			LC	TS				G	B	G
81	PORT DISCOVERY	4.8	-½	15	15		S				R		FL	T						
83A	FORT WORDEN			10	10	M	S						FLC	TSL			WI	G	BT	
84	PORT TOWNSEND	5.3	0	10	10	B E	S	M					FLC	TSL	W	C	WI	GH	B	DG
90	PORT TOWNSEND	5.3	0	12	20	BME	S	HMR		60			FL	TSL	D	C	WI	GH	BT	DG
93	MYSTERY BAY	4.6	+½	3	3												WI	G	BT	G
98	MUTINEY BAY	6.3	+½	60	10	M							L	TS	D		WI	G	BT	G
187	PEAVINE PASS	5.0	+½	10	10	B E	S	HM			M			TS	W		WI	GH	BT	DG
188	OLGA	5.0	+¾	6	6	BM						S	FLC	TS		C	I	GH	BT	
189	CASCADE BAY	4.9	+¾	12	12	BME	S				RM	C	FL	TSL	W		WI	G	T	DG
191	FRIDAY HARBOR	4.5	+¾	60	5	B E	N	M						TS P			W			G
192	FRIDAY HARBOR	4.5	+¾	7	7												W			DG
193	FRIDAY HARBOR	4.5	+¾	50	30	BME		M		3						C	W	H	BT	DG
195	FRIDAY HARBOR	4.5	+¾	25	5			HM	65	25					D		W	G		
197	FISHERMAN BAY	4.4	+¾	4½		B E							FL	TSL	W	C	WI	G		G
198	RICHARDSON	4.2	+¼	20	20												WI	GH	BT	DG
199	SUCIA ISLANDS	5.3	+1			BM							C	T			W			
199A	MATIA ISLANDS					BM							C	T			W			
200	TERRILL BEACH	5.5	+1	5	1		S	H			M		FL	TS			WI	G	BT	G
203	PRESIDENT CHANNEL	5.5	+1	4		BM	S				CRM		LC	TSL		C	WI	GH	BT	G
205	LIMESTONE POINT	5.3	+1	20	6	M					M		LC	TS					B	G
206	JONES ISLAND	5.3	+1	10	3	BM							C	T			W			
207	DEER HARBOR	4.6	+1	30	12	B E	S						FL	TSL		C	WI	G	BT	DG
210	WEST SOUND	4.5	+¾	35	20	B E				15				TS P	WD	C	W	H	T	DG
211	ORCAS	4.5	+¾	7	5	B							F	T			WI	G	B	DG
212	SHAW ISLAND	4.5	+¾	6	6								F	L			I	GH	BT	DG
213	STUART ISLAND	4.6	+¾	9	9	BM							C	T			W			
214	ROCHE HARBOR	4.4	+¾	40	20	BME	S	M			C M		FL	TSL	WD	C	WI	GH	BT	DG
215	MITCHELL BAY	4.3	+½	6	6	B E	S	HMR	30	4	M	CHS	LC	TS	WD	C	WI	GH	BT	G

(+)DENOTES HOURS LATER (-)DENOTES HOURS EARLIER
THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY LARGE PURPLE NUMBERS.
THE TABULATED "APPROACH-FEET(REPORTED)" IS THE DEPTH AVAILABLE FROM THE NEAREST NATURAL OR DREDGED CHANNEL TO THE FACILITY.
THE TABULATED "PUMPING STATION" IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT HOLDING TANKS.
(B) EMERGENCY ONLY.

THIS TABULATION WAS PRODUCED USING COMPUTER ASSISTED METHODS.