ANCHORAGE, ALASKA, 2009

Lat. 61° 14′N Long. 149° 53′W

JANUARY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	18.3	13.2	8.2	4.0	0.9	2.6	10.0	17.0	23.0	26.7	28.6	27.6
Th	24.0	18.8	13.6	9.3	5.9	4.9	10.7	16.9	21.5	25.1	26.7	25.1
2	21.0	16.2	11.5	7.0	3.3	1.7	6.4	13.8	19.9	24.8	27.6	28.3
F	26.1	21.9	16.6	11.8	8.1	4.9	5.7	11.7	17.2	21.6	24.5	25.6
3	23.3	19.3	14.9	10.8	6.8	3.7	3.9	10.1	16.6	22.0	25.9	27.9
Sa	27.4	24.6	20.0	14.8	10.4	7.1	4.2	6.0	11.5	16.8	20.9	23.7
4	24.5	22.2	18.7	14.8	11.2	7.7	5.0	6.7	12.6	18.4	23.2	26.2
Su	27.6	26.6	23.6	18.7	13.6	9.7	6.3	3.8	5.4	10.3	15.8	19.7
5	22.7	23.6	22.0	19.3	15.9	12.6	9.2	6.9	8.7	13.7	19.1	23.4
M	26.0	27.3	26.3	23.3	18.2	13.3	9.4	5.8	3.2	4.0	8.6	14.2
6	18.3	21.9	23.4	22.8	20.9	17.9	14.4	10.9	8.6	9.4	13.6	19.0
Tu	23.0	25.7	27.3	26.6	23.6	18.5	13.5	9.3	5.5	2.2	2.2	6.6
7	12.4	17.2	21.7	24.0	24.4	23.0	19.9	16.0	12.2	9.2	9.0	12.8
W	18.3	22.6	25.8	28.0	27.6	24.5	19.2	14.0	9.4	5.2	1.2	0.5
8	4.6	11.0	16.8	22.1	25.0	26.3	25.0	21.5	17.0	12.7	8.8	8.0
Th	11.5	17.7	22.5	26.6	29.1	28.9	25.4	19.9	14.3	9.5	4.7	0.3
9	−1.3	3.1	10.6	17.4	23.1	26.4	28.0	26.3	22.1	17.1	12.2	7.9
F	6.7	10.4	17.6	23.0	27.8	30.4	30.1	26.0	20.2	14.3	9.3	4.3
10	−0.5	−2.9	2.8	11.4	18.8	24.4	28.0	29.2	26.8	21.8	16.4	11.1
Sa	6.8	5.1	9.8	18.1	24.1	29.2	31.7	30.8	26.1	20.0	14.0	8.7
11	3.7	−1.9	−3.9	4.0	13.3	20.8	26.0	29.5	29.8	26.4	20.9	15.2
Su	9.8	5.5	3.5	10.2	19.0	25.4	30.3	32.6	30.9	25.6	19.3	13.2
12	7.7	2.8	−3.6	−3.3	6.6	15.9	22.9	27.9	30.8	29.7	25.4	19.6
M	13.6	8.6	3.7	2.7	11.4	20.1	26.5	31.0	32.9	30.2	24.5	18.1
13	11.9	6.3	1.1	−4.8	−0.7	10.1	18.8	25.1	29.8	31.5	29.1	24.0
Tu	18.0	12.1	7.2	1.8	3.0	12.8	21.0	27.0	31.2	32.4	28.8	22.9
14	16.6	10.3	4.9	−0.7	−4.1	3.3	13.7	21.5	27.2	31.3	31.5	28.0
W	22.3	16.3	10.6	5.5	0.5	4.4	14.1	21.5	26.9	30.8	30.9	26.9
15	20.9	14.9	8.6	3.5	−1.5	−1.2	7.9	17.1	23.8	28.9	31.8	30.6
Th	26.2	20.3	14.4	9.2	3.9	0.6	6.2	14.8	21.4	26.4	29.5	28.8
16	24.7	19.1	13.4	7.6	2.9	−0.4	3.2	12.1	19.9	25.4	29.6	31.1
F	28.9	24.0	18.3	12.8	8.0	3.0	1.8	7.7	15.1	20.8	25.2	27.5
17	26.5	22.7	17.8	12.5	7.5	3.6	2.7	7.6	15.2	21.6	26.1	29.0
Sa	29.5	26.8	21.8	16.4	11.6	7.2	3.0	3.3	8.5	14.6	19.7	23.5
18	25.2	24.3	21.4	17.4	12.8	8.6	5.9	6.5	10.9	16.8	22.1	25.6
Su	27.5	27.5	24.6	20.0	15.3	11.0	6.9	3.7	4.3	8.3	13.4	18.2
19	21.5	23.2	23.0	21.3	18.1	14.2	10.6	8.8	9.4	12.6	17.1	21.5
M	24.2	25.7	25.6	23.1	19.1	14.9	10.9	7.2	4.3	4.4	7.3	12.0
20	16.6	20.0	22.1	22.9	22.3	19.7	16.1	12.9	11.0	10.8	12.5	16.3
Tu	20.3	22.6	24.4	24.6	22.6	19.0	15.1	11.1	7.4	4.4	3.7	5.9
21	10.7	15.5	19.4	22.1	23.9	23.9	21.4	17.8	14.5	11.8	10.6	11.5
W	15.4	19.3	21.9	24.1	24.5	22.8	19.3	15.3	11.2	7.2	3.8	2.3
22	4.7	10.3	15.5	20.0	23.1	25.5	25.2	22.3	18.5	14.6	11.1	9.3
Th	10.3	15.0	19.0	22.3	24.7	25.2	23.2	19.4	15.1	10.9	6.5	2.7
23	0.9	4.7	11.0	16.7	21.5	24.8	26.8	25.6	22.1	17.8	13.3	9.6
F	7.6	10.1	15.7	20.0	23.7	26.0	26.0	23.2	19.0	14.3	9.9	5.4
24	1.0	0.4	6.3	13.1	19.0	23.5	26.6	27.3	24.9	20.6	15.8	11.2
Sa	7.6	6.6	11.3	17.4	22.0	25.7	27.5	26.4	22.5	17.7	12.8	8.3
25	3.7	−0.6	1.6	9.2	16.1	21.7	25.8	27.9	26.8	23.1	18.2	13.2
Su	8.9	5.6	6.9	13.6	19.7	24.4	27.6	28.5	25.8	21.1	15.9	10.8
26	6.5	1.6	−1.1	4.5	12.9	19.5	24.4	27.9	28.4	25.5	20.8	15.5
M	10.6	6.6	4.3	8.8	16.3	22.2	26.6	29.1	28.5	24.5	19.2	13.6
27	8.6	4.3	−0.3	0.5	8.6	16.7	22.7	26.9	29.3	27.8	23.6	18.2
Tu	12.8	8.3	4.4	4.5	11.7	18.8	24.4	28.1	29.7	27.4	22.5	16.9
28	11.1	6.3	2.0	−0.8	4.2	13.0	20.4	25.5	28.9	29.6	26.5	21.4
W	15.7	10.4	6.2	2.8	6.3	14.6	20.9	25.9	29.0	29.1	25.4	20.1
29	14.5	8.8	4.1	0.4	1.2	9.2	17.1	23.6	27.8	30.0	28.6	24.4
Th	18.8	13.1	8.4	4.2	2.5	9.2	16.9	22.5	26.8	29.0	27.4	22.9
30	17.6	12.1	6.7	2.5	0.5	5.6	14.2	20.8	26.2	29.3	29.7	26.6
F	21.6	15.9	10.7	6.5	2.5	3.7	11.9	18.6	23.6	27.0	28.0	25.2
31	20.5	15.3	10.2	5.5	2.0	2.9	10.9	18.4	23.9	28.0	29.8	28.3
Sa	24.1	18.6	13.1	8.6	4.8	1.8	5.6	13.6	19.6	23.9	26.6	26.5

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 14′N Long. 149° 53′W

FEBRUARY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	23.0	18.5	13.7	9.3	5.2	3.0	6.8	15.3	21.4	25.9	28.8	29.3
Su	26.4	21.7	16.0	10.9	7.1	3.5	2.0	6.9	14.1	19.7	23.3	25.5
2	24.8	21.6	17.5	13.4	9.6	6.2	5.3	10.4	17.7	22.9	26.6	28.5
M	28.0	24.8	20.0	14.4	9.8	6.3	3.1	2.5	7.0	13.4	18.7	21.9
3	24.1	23.6	21.3	18.0	14.4	11.0	8.1	7.9	12.4	18.2	22.9	25.9
Tu	27.5	26.9	24.1	19.5	14.1	9.9	6.4	3.3	2.5	5.9	11.7	16.6
4	20.2	22.9	23.4	22.2	19.7	16.5	13.1	10.2	9.5	12.3	17.1	21.6
W	24.5	26.5	26.5	24.5	20.2	15.2	10.9	7.1	3.7	2.0	4.1	9.1
5	14.2	18.8	22.5	24.0	24.1	22.1	18.8	15.0	11.6	9.6	10.9	14.9
Th	19.6	23.2	26.1	27.1	25.8	21.8	16.8	12.1	7.9	3.8	1.1	1.9
6	6.5	12.6	18.4	22.8	25.4	26.3	24.3	20.5	16.1	11.8	8.6	8.7
F	12.4	18.0	22.7	26.6	28.4	27.6	23.6	18.4	13.1	8.4	3.8	0.1
7	−0.5	4.8	12.4	19.1	23.9	27.1	28.2	25.8	21.1	16.1	11.0	7.1
Sa	6.2	10.3	17.4	23.1	27.7	30.0	29.3	24.8	19.1	13.5	8.4	3.5
8	−1.2	−2.3	5.1	13.7	20.7	25.5	29.0	29.3	26.0	20.6	15.1	9.6
Su	5.5	3.8	9.6	17.9	24.4	29.1	31.5	30.2	25.2	19.1	13.2	7.9
9	3.0	−3.0	−2.3	7.3	16.2	22.9	27.5	30.5	29.6	25.2	19.3	13.4
M	8.3	3.3	2.1	10.4	19.2	25.8	30.5	32.6	30.2	24.6	18.2	12.2
10	6.9	1.6	−4.3	0.0	10.7	19.2	25.3	29.7	31.4	29.0	23.6	17.5
Tu	11.6	6.6	0.8	2.1	12.2	20.7	27.1	31.5	32.8	29.3	23.3	16.9
11	10.6	5.5	−0.4	−3.9	4.2	14.7	22.3	27.9	31.6	31.4	27.6	21.6
W	15.4	9.8	4.4	−1.0	3.8	14.2	22.0	28.0	32.0	32.1	27.7	21.4
12	15.1	8.8	3.7	−1.8	−0.9	9.3	18.5	25.1	30.2	32.5	30.4	25.4
Th	19.2	13.2	7.9	2.0	−1.1	6.6	16.1	23.0	28.4	31.6	30.3	25.5
13	19.3	13.1	7.0	2.2	−1.2	4.1	14.2	21.7	27.5	31.5	31.9	28.4
F	22.6	16.6	11.0	5.9	0.3	0.8	9.6	17.5	23.6	28.2	30.1	27.9
14	23.0	17.1	11.3	5.9	1.9	2.0	9.6	18.1	24.2	28.8	31.2	29.9
Sa	25.4	19.5	13.9	9.0	4.1	0.3	3.8	12.0	18.5	23.5	27.2	27.9
15	25.3	20.7	15.5	10.2	5.8	3.6	6.7	14.1	20.7	25.5	28.6	29.4
Su	27.1	22.3	16.7	11.8	7.5	3.3	1.8	6.6	13.4	18.6	22.8	25.4
16	25.4	23.1	19.2	14.8	10.5	7.2	6.8	10.9	16.7	21.7	25.3	27.1
M	26.8	24.2	19.7	14.8	10.6	6.9	3.7	3.8	8.2	13.5	17.8	21.3
17	23.4	23.5	21.9	19.1	15.4	11.9	9.7	10.1	13.2	17.2	21.1	23.8
Tu	24.8	24.4	22.1	18.4	14.3	10.6	7.2	4.7	5.0	8.3	12.3	16.2
18	19.5	21.9	22.5	22.0	20.1	17.0	14.0	12.1	11.9	13.3	16.0	19.4
W	21.7	22.8	23.0	21.5	18.6	14.9	11.4	8.1	5.6	5.0	7.0	10.4
19	14.5	18.3	21.4	22.8	23.4	21.9	19.0	15.9	13.4	11.7	11.7	13.8
Th	17.4	20.0	21.9	22.9	22.2	19.7	16.1	12.5	8.9	5.6	3.9	5.0
20	8.8	13.6	18.3	21.9	24.1	25.1	23.4	20.2	16.6	13.0	10.1	9.4
F	12.0	16.3	19.6	22.5	24.1	23.7	21.0	17.1	13.0	9.0	4.9	2.2
21	3.3	8.6	14.2	19.4	23.3	25.9	26.3	24.0	20.0	15.7	11.2	7.8
Sa	7.4	11.5	16.6	20.7	24.1	25.8	24.9	21.5	17.2	12.7	8.3	3.5
22	0.4	3.3	10.1	16.2	21.4	25.4	27.4	26.5	23.1	18.5	13.6	8.9
Su	5.4	6.7	12.7	18.3	22.9	26.3	27.4	25.3	21.1	16.2	11.5	6.9
23	1.7	−0.3	5.4	13.1	19.1	24.0	27.5	28.1	25.6	21.1	15.9	11.0
M	6.3	3.7	7.8	15.1	20.9	25.4	28.3	28.2	24.6	19.7	14.4	9.7
24	5.0	0.0	0.9	9.1	16.8	22.4	26.7	29.1	27.7	23.7	18.4	13.1
Tu	8.4	3.8	3.3	10.4	17.9	23.5	27.7	29.7	27.9	23.3	17.8	12.2
25	7.5	2.8	−0.6	4.4	13.6	20.6	25.6	29.1	29.7	26.5	21.3	15.6
W	10.5	5.8	1.6	4.7	13.6	20.5	25.8	29.4	30.1	26.6	21.4	15.5
26	9.8	5.3	0.9	1.0	9.4	17.8	24.1	28.3	30.6	29.0	24.5	18.7
Th	12.9	8.1	3.2	0.7	7.6	16.4	22.6	27.5	30.2	29.2	24.7	19.1
27	13.2	7.6	3.2	0.4	5.3	14.5	21.5	27.0	30.3	30.7	27.1	21.8
F	15.8	10.4	5.8	0.9	1.7	11.0	18.6	24.4	28.4	30.0	27.3	22.4
28	16.8	11.1	5.8	2.0	2.5	10.9	19.0	24.7	29.2	31.1	29.2	24.4
Sa	18.6	12.9	8.0	3.5	−0.3	4.3	13.8	20.5	25.4	28.6	28.6	25.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

ANCHORAGE, ALASKA, 2009

Lat. 61° 14′N Long. 149° 53′W

MARCH

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	20.1	14.7	9.4	4.7	2.3	6.6	16.2	22.4	27.1	30.4	30.5	26.7
Su	21.3	15.4	10.3	6.0	1.7	0.2	7.1	15.7	21.6	25.6	27.9	26.8
2	23.0	18.2	13.3	8.6	4.8	4.4	11.3	19.7	24.6	28.4	30.3	28.8
M	24.1	18.5	12.9	8.4	4.5	1.0	1.6	8.9	16.4	21.7	24.9	26.5
3	25.0	21.7	17.2	13.0	8.9	6.1	7.4	14.4	21.0	25.3	28.2	29.1
Tu	26.8	22.4	16.9	11.7	7.7	4.1	1.3	3.0	9.2	15.8	20.5	23.4
4	25.0	24.0	21.5	17.6	14.0	10.4	8.2	9.8	15.1	20.3	24.3	26.7
W	27.5	25.6	21.9	16.8	12.1	8.2	4.7	2.3	3.3	8.1	13.9	18.3
5	21.8	24.0	24.1	22.5	19.4	15.9	12.4	10.1	10.4	13.6	18.0	22.0
Th	24.8	26.2	25.5	22.8	18.2	13.7	9.6	5.9	3.0	2.7	5.9	11.1
6	16.1	20.7	23.7	25.1	24.4	21.8	18.0	14.2	11.0	9.4	10.9	14.8
F	19.4	23.3	25.8	26.4	24.7	20.5	15.9	11.3	7.1	3.3	1.5	3.2
7	8.7	15.0	20.5	24.3	26.7	26.6	23.9	19.5	15.0	10.5	7.5	7.7
Sa	11.6	17.7	22.8	26.4	28.1	26.8	22.6	17.6	12.5	7.8	3.3	0.1
8	0.9	7.9	15.4	21.4	25.6	28.6	28.4	24.9	19.7	14.5	9.3	5.4
Su	4.4	9.8	17.4	23.4	27.6	29.9	28.5	23.9	18.3	12.9	7.8	3.0
9	−1.5	0.3	9.2	17.3	23.1	27.4	30.2	29.0	24.5	18.7	13.1	7.8
M	3.1	2.2	9.9	18.3	24.7	29.1	31.3	29.2	24.1	18.1	12.4	7.3
10	2.2	−2.7	2.0	12.2	19.9	25.4	29.5	31.1	28.5	23.0	17.0	11.3
Tu	6.3	0.6	1.7	11.4	19.9	26.2	30.5	32.0	28.8	23.2	17.0	11.1
11	6.3	0.8	−2.3	6.0	15.9	23.0	28.0	31.3	31.0	26.9	20.8	14.8
W	9.5	4.1	−1.4	3.3	13.7	21.6	27.7	31.6	31.8	27.7	21.6	15.4
12	9.5	4.8	−0.5	0.6	10.9	19.6	25.9	30.4	32.2	29.8	24.6	18.4
Th	12.5	7.4	1.4	−1.7	6.4	16.1	23.3	28.9	31.9	30.7	25.9	19.7
13	13.5	7.7	3.2	−0.2	5.6	15.6	22.8	28.5	32.0	31.7	27.6	21.7
F	15.7	10.1	5.0	−0.8	0.4	10.0	18.2	24.7	29.5	31.3	28.9	23.5
14	17.5	11.4	6.1	2.2	2.6	11.2	19.5	25.5	30.1	32.0	29.6	24.5
Sa	18.5	12.9	7.8	2.6	−1.1	4.2	13.3	20.0	25.6	29.4	29.7	26.5
15	21.0	15.3	9.7	5.2	3.1	7.4	16.1	22.4	27.2	30.4	30.2	26.5
Su	20.9	15.2	10.3	5.6	1.1	0.8	8.3	15.9	21.4	25.8	28.3	27.5
16	23.9	18.7	13.6	8.8	5.5	6.0	12.4	19.4	24.1	27.7	29.0	27.3
M	23.1	17.6	12.5	8.2	4.2	1.2	4.0	11.4	17.5	21.8	25.1	26.5
17	25.1	21.7	17.2	12.8	9.1	7.3	9.8	15.6	20.7	24.4	26.6	26.5
Tu	24.2	20.1	15.3	10.8	7.2	3.9	2.7	6.6	12.9	17.7	21.1	23.8
18	24.8	23.4	20.6	16.9	13.2	10.5	9.7	12.5	16.5	20.2	23.1	24.5
W	24.0	22.0	18.6	14.5	10.6	7.4	4.7	4.4	7.8	12.6	16.6	19.7
19	22.4	23.6	22.7	20.8	17.8	14.7	12.3	11.6	13.0	15.3	18.3	21.0
Th	22.2	22.3	21.1	18.7	15.3	11.7	8.6	6.0	5.3	7.2	11.0	14.8
20	18.3	21.5	23.3	23.3	22.1	19.4	16.4	13.6	12.0	11.4	12.8	15.7
F	18.8	20.8	22.0	21.8	20.1	16.9	13.4	9.9	6.9	5.0	5.6	9.0
21	13.4	17.7	21.6	24.0	24.7	23.7	20.8	17.3	13.8	10.6	8.9	10.1
Sa	13.9	17.8	20.8	23.0	23.4	21.9	18.6	14.7	10.8	7.0	3.8	3.8
22	7.8	13.4	18.3	22.7	25.4	26.3	24.7	21.1	16.9	12.5	8.3	6.2
Su	8.3	13.5	18.2	22.1	24.8	25.3	23.2	19.4	15.0	10.7	6.2	2.4
23	2.8	8.6	14.9	20.1	24.5	27.2	27.2	24.4	20.0	15.2	10.3	5.7
M	4.2	8.4	14.8	20.0	24.3	26.8	26.6	23.5	19.1	14.3	9.7	4.9
24	1.2	3.7	11.3	17.7	22.7	26.8	28.6	27.0	22.9	17.8	12.8	7.8
Tu	3.2	3.5	10.2	17.1	22.5	26.6	28.5	26.9	22.9	17.8	12.7	8.2
25	3.4	1.0	6.7	15.1	21.1	25.7	29.0	29.1	25.7	20.6	15.1	10.3
W	5.2	1.1	4.5	13.0	19.7	25.0	28.6	29.4	26.3	21.5	15.9	10.8
26	6.3	2.0	2.7	11.2	19.0	24.5	28.5	30.5	28.5	23.7	17.9	12.5
Th	7.8	2.5	0.0	7.0	15.8	22.1	27.1	30.0	29.3	25.1	19.7	14.0
27	8.8	4.5	1.6	6.5	15.9	22.5	27.5	30.7	30.7	26.8	21.3	15.3
F	10.1	5.4	−0.1	0.5	10.1	18.1	24.1	28.6	30.5	28.3	23.6	17.9
28	12.1	7.0	3.1	3.1	11.6	19.8	25.4	29.9	31.8	29.5	24.4	18.6
Sa	12.9	7.9	2.9	−1.7	2.9	13.1	20.1	25.6	29.4	30.0	26.7	21.7
29	16.0	10.4	5.5	2.8	6.7	16.5	22.8	27.8	31.3	31.3	27.1	21.5
Su	15.8	10.5	5.7	0.7	−1.6	6.1	15.4	21.7	26.5	29.3	28.6	24.9
30	19.8	14.4	9.1	4.9	4.1	11.2	20.1	25.0	29.3	31.4	29.6	24.4
M	18.7	13.2	8.4	3.8	−0.5	0.2	8.9	17.0	22.8	26.6	28.5	27.0
31	23.3	18.2	13.3	8.4	5.3	6.8	14.9	21.8	26.2	29.5	30.4	27.3
Tu	22.0	16.4	11.3	6.8	2.7	-0.4	2.4	10.5	17.7	22.8	25.9	27.3

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 14′N Long. 149° 53′W

APRIL

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1 W	25.7 25.4	22.1 20.7	17.5 15.3	13.0 10.6	8.9 6.4	6.7 2.7	9.4 0.6	16.3 3.8	21.8 10.6	26.0 17.3	28.5 21.7	28.6 24.8
2 Th	26.2 26.9	25.2 24.6	22.0 20.7	17.9 15.7	13.8 11.3	10.1 7.1	8.4 3.7	10.5 1.9	15.4 4.1	20.2 9.6	24.3 15.6	26.6 20.1
3 F	23.7 24.7	25.7 25.9	25.5 25.0	23.0 21.9	19.4 17.4	15.3 13.0	11.7 8.7	9.5 5.1	9.8 2.6	12.8 3.3	17.4 7.6	21.7 13.6
4 Sa	18.8 19.3	23.1 23.3	25.9 25.8	26.6 26.2	24.8 23.9	21.3 19.7	16.9 15.1	12.9 10.4	9.4 6.3	7.7 2.8	9.3 2.0	14.0 5.5
5 Su	12.2 11.3	18.4 18.0	23.3 23.0	26.7 26.4	28.2 27.8	26.6 25.9	22.7 21.7	17.7 16.6	13.1 11.6	8.3 6.9	5.2 2.8	5.8 0.7
6 M	4.4 2.9	12.5 10.3	19.1 17.9	24.2 23.5	28.0 27.4	29.6 29.3	27.6 27.2	23.0 22.8	17.5 17.3	12.2 11.9	6.8 7.0	2.7 2.6
7 Tu	−0.1 0.3	5.4 1.9	14.4 11.1	20.9 19.0	25.8 24.7	29.5 28.6	30.4 30.2	27.4 27.6	21.9 22.6	16.2 16.9	10.7 11.4	5.4 6.8
8 W	2.1 3.7	0.4 −1.5	8.4 3.0	17.3 13.0	23.3 20.6	27.8 26.1	30.8 29.8	30.1 30.4	25.9 27.0	19.9 21.5	14.3 15.7	9.1 10.3
9 Th	6.2 7.3	1.5 1.5	2.9 −1.7	12.6 5.9	20.4 15.4	26.0 22.5	29.8 27.6	31.3 30.6	28.8 29.9	23.5 25.6	17.5 19.9	12.1 14.0
10 F	8.8 9.8	5.0 5.1	1.9 −0.6	7.3 0.2	16.8 9.5	23.4 17.7	28.5 24.3	31.3 28.9	30.7 30.8	26.5 28.7	20.7 23.7	15.1 18.0
11 Sa	12.1 12.5	7.3 7.5	4.0 2.6	4.1 −1.2	12.3 3.9	20.2 12.9	26.0 20.0	30.3 25.9	31.5 29.6	28.9 30.1	23.7 26.9	17.8 21.5
12 Su	15.9 14.9	10.2 9.9	6.0 5.1	4.1 0.6	8.3 0.4	16.8 8.3	22.9 16.0	27.9 22.0	30.8 26.9	30.1 29.4	26.1 28.5	20.4 24.6
13 M	19.2 17.1	13.9 12.0	8.8 7.4	5.5 3.1	6.1 0.1	13.0 3.8	20.0 12.2	24.8 18.5	28.6 23.4	29.8 27.2	27.5 28.5	22.7 26.5
14 Tu	22.1 19.4	17.0 14.2	12.2 9.6	8.1 5.6	6.2 2.0	9.6 1.4	16.7 7.6	21.9 15.0	25.7 20.1	28.1 23.9	27.6 26.7	24.3 26.9
15 W	24.4 21.5	20.1 17.0	15.5 12.3	11.3 8.1	8.3 4.8	8.0 2.2	12.8 3.8	18.5 10.1	22.5 16.4	25.4 20.6	26.4 23.6	24.9 25.7
16 Th	25.5 22.7	22.8 19.7	19.0 15.9	14.9 11.6	11.5 7.9	9.3 5.0	10.1 3.3	14.4 5.7	18.4 11.0	21.7 16.4	23.9 20.0	24.3 22.8
17 F	24.8 22.5	24.5 21.6	22.2 19.4	19.0 16.2	15.3 12.4	12.3 9.0	10.4 6.1	11.1 4.8	13.7 6.4	16.7 10.4	19.8 15.3	22.0 18.9
18 Sa	22.0 20.4	24.3 21.8	24.4 21.8	22.7 20.3	19.8 17.6	16.3 14.0	13.2 10.5	10.9 7.3	10.5 5.6	11.5 5.8	14.3 9.2	17.7 14.1
19 Su	18.2 16.2	21.9 19.8	24.6 22.2	25.1 23.0	23.8 22.0	20.8 19.3	17.1 15.6	13.4 11.8	10.3 8.2	8.4 5.6	8.8 4.8	12.0 8.3
20 M	13.8 10.9	18.5 16.1	22.5 20.5	25.5 23.5	26.3 24.6	24.6 23.6	21.1 20.6	16.9 16.6	12.6 12.2	8.6 8.3	5.8 4.9	6.5 4.2
21 Tu	8.6 5.3	15.0 11.3	19.9 17.2	24.0 22.0	26.9 25.2	27.3 26.2	24.7 24.5	20.4 21.0	15.6 16.5	11.0 11.9	6.3 7.7	3.3 4.2
22 W	4.4 1.5	10.6 5.7	17.4 13.1	22.2 19.1	26.1 24.0	28.4 27.0	27.5 27.4	23.7 24.8	18.7 20.5	13.7 15.5	9.0 10.9	4.0 6.7
23 Th	3.6 1.6	6.1 0.5	14.0 7.4	20.4 15.3	24.9 21.3	28.4 26.0	29.5 28.5	26.9 27.9	22.0 24.3	16.4 19.4	11.5 14.1	6.8 9.5
24 F	5.5 4.5	3.7 −0.6	9.2 0.7	17.7 9.9	23.3 17.4	27.7 23.3	30.3 27.6	29.8 29.5	25.5 27.7	19.8 23.4	14.1 18.0	9.4 12.7
25 Sa	8.0 7.5	4.4 2.3	4.9 −2.3	13.3 2.4	21.0 12.4	26.0 19.2	30.0 25.0	31.4 28.8	28.9 29.8	23.6 27.0	17.6 22.2	12.1 16.6
26 Su	11.2 10.4	6.7 5.6	3.9 0.1	7.6 −2.6	17.2 5.1	23.4 14.4	28.2 20.9	31.5 26.2	31.4 29.5	27.1 29.3	21.4 25.9	15.6 20.8
27 M	15.3 13.6	9.9 8.5	5.7 3.7	4.4 −1.5	11.1 −1.5	20.1 7.8	25.2 16.1	29.8 22.4	32.0 26.9	30.1 29.5	24.8 28.4	19.2 24.6
28 Tu	19.4 17.1	14.1 11.9	8.9 6.8	5.4 2.1	6.1 −2.0	14.3 0.7	21.8 10.0	26.5 17.6	30.3 23.3	31.3 27.2	28.1 29.0	22.7 27.4
29 W	23.4 21.0	18.2 15.5	13.1 10.5	8.4 5.6	5.8 1.3	8.1 −1.4	16.1 2.9	22.2 11.3	26.9 18.6	29.8 23.5	29.9 27.1	26.2 28.4
30 Th	26.6 24.9	22.5 20.0	17.6 14.8	12.7 10.0	8.6 5.2	6.6 1.5	9.4 −0.1	15.9 4.3	21.6 11.9	26.0 18.7	28.4 23.2	28.2 26.7

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

ANCHORAGE, ALASKA, 2009

Lat. 61° 14′N Long. 149° 53′W

MAY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	27.9	26.4	22.4	17.8	13.0	9.3	7.3	9.2	14.2	19.8	24.1	26.6
F	26.8	24.5	20.1	15.3	10.5	5.9	2.4	1.1	4.7	11.5	18.0	22.6
2	26.3	27.9	26.7	23.0	18.6	13.9	10.1	7.2	7.5	11.4	17.0	21.8
Sa	24.9	26.1	24.9	21.1	16.7	11.9	7.4	3.8	2.0	4.5	10.6	17.1
3	22.1	26.1	28.2	27.5	24.1	19.6	14.7	10.4	6.3	5.1	8.1	14.2
Su	19.8	23.7	25.9	25.8	22.8	18.6	13.6	9.0	5.0	2.6	3.9	9.8
4	16.7	22.0	26.2	28.8	28.4	25.0	20.1	15.0	10.1	5.0	2.6	5.1
M	12.2	18.7	23.2	26.2	26.9	24.4	20.3	15.1	10.3	6.0	3.0	3.5
5	9.9	17.4	22.6	26.8	29.5	28.9	25.1	19.8	14.5	9.1	3.8	0.4
Tu	3.4	11.8	18.6	23.4	26.8	27.9	25.5	21.1	15.8	10.9	6.6	3.3
6	4.0	11.6	18.8	23.8	27.8	30.0	28.5	24.1	18.5	13.3	8.0	2.6
W	−1.2	3.5	12.6	19.4	24.2	27.6	28.5	25.8	21.0	15.6	10.7	6.9
7	3.5	5.8	14.4	20.8	25.6	28.9	30.0	27.3	22.2	16.6	11.6	6.7
Th	1.2	−1.5	5.5	14.4	20.9	25.3	28.5	28.5	25.0	19.9	14.5	9.9
8	6.7	4.1	9.1	17.5	23.2	27.5	29.9	29.2	25.2	19.7	14.4	9.6
F	5.2	−0.3	−0.1	8.5	16.6	22.7	26.7	29.1	27.8	23.6	18.3	12.9
9	8.9	6.1	5.8	13.1	20.3	25.6	29.1	30.1	27.6	22.7	17.2	12.2
Sa	7.6	3.2	−1.0	3.1	11.7	18.9	24.6	28.1	29.1	26.6	21.7	16.5
10	11.1	7.7	5.7	8.8	16.8	22.7	27.5	30.0	29.3	25.4	20.0	14.8
Su	9.9	5.5	1.2	0.1	7.1	14.8	21.3	26.2	28.9	28.4	24.7	19.6
11	14.4	9.4	6.6	6.7	12.7	19.6	24.6	28.6	29.7	27.4	22.7	17.2
M	12.3	7.5	3.3	0.0	3.0	11.0	17.6	23.3	27.4	28.9	27.0	22.6
12	17.5	12.4	8.1	6.2	9.1	16.3	21.7	26.0	28.6	28.2	24.8	19.8
Tu	14.5	9.8	5.4	1.6	0.6	6.8	14.4	20.1	24.7	27.8	28.0	25.1
13	20.3	15.4	10.8	7.4	7.0	12.3	18.6	22.9	26.3	27.6	25.9	22.0
W	17.0	12.1	7.6	3.8	0.9	2.9	10.4	17.1	21.9	25.5	27.6	26.7
14	23.1	18.4	13.8	9.9	7.3	8.8	14.7	19.6	23.3	25.7	25.9	23.6
Th	19.6	14.9	10.2	6.2	3.0	1.5	5.7	12.8	18.8	22.8	25.7	27.0
15	25.4	21.6	17.0	12.8	9.6	7.7	10.4	15.4	19.4	22.7	24.5	24.2
F	21.7	18.0	13.8	9.4	5.8	3.0	3.1	7.9	14.1	19.6	23.0	25.5
16	26.3	24.4	20.7	16.4	12.5	9.5	8.2	10.8	14.5	18.2	21.4	23.2
Sa	23.0	20.8	17.6	13.8	9.7	6.4	3.9	4.8	8.9	14.5	19.6	22.8
17	25.2	25.9	24.0	20.5	16.3	12.6	9.4	8.1	9.7	12.6	16.5	19.9
Su	22.2	22.4	20.9	18.2	14.7	10.9	7.5	5.3	6.0	9.1	14.5	19.4
18	22.8	25.2	25.9	24.2	20.6	16.4	12.6	9.0	7.1	7.6	10.7	15.0
M	19.0	21.9	22.7	21.7	19.4	16.1	12.3	8.6	6.4	6.4	9.2	14.7
19	19.6	23.1	25.6	26.4	24.5	20.6	16.2	12.0	8.1	5.3	5.4	9.1
Tu	14.2	18.9	22.4	23.6	23.0	20.8	17.4	13.4	9.5	7.0	6.4	9.6
20	15.6	20.5	24.0	26.6	27.1	24.5	20.0	15.3	10.9	6.6	3.2	3.6
W	8.5	14.4	19.6	23.4	25.0	24.4	21.9	18.1	13.7	9.7	6.8	6.5
21	10.8	17.4	22.0	25.6	27.9	27.6	24.0	18.9	13.9	9.4	4.8	1.2
Th	2.5	9.0	15.4	20.9	24.8	26.4	25.5	22.4	18.0	13.4	9.3	6.4
22	6.9	12.9	19.6	24.0	27.5	29.2	27.7	23.0	17.4	12.3	7.9	3.0
F	−0.6	2.3	10.3	16.8	22.4	26.2	27.6	26.1	22.3	17.3	12.6	8.4
23	5.8	7.8	15.5	21.8	26.1	29.5	30.2	27.2	21.8	15.9	10.9	6.4
Sa	1.3	−1.9	3.1	11.8	18.3	24.0	27.5	28.5	26.1	21.7	16.4	11.6
24	7.4	5.4	9.4	18.2	23.7	28.2	31.0	30.5	26.1	20.4	14.5	9.6
Su	5.0	−0.3	−2.6	4.7	13.4	19.9	25.4	28.6	28.8	25.7	20.7	15.5
25	10.4	6.4	5.3	11.6	20.3	25.3	29.8	31.8	29.9	24.8	19.0	13.3
M	8.4	3.5	−2.0	−2.3	6.7	14.9	21.5	26.5	29.3	28.6	25.0	19.7
26	14.4	9.3	5.7	5.7	13.9	21.6	26.6	30.6	31.8	28.7	23.3	17.6
Tu	12.1	6.9	2.0	−3.2	−0.8	8.8	16.7	23.0	27.4	29.6	28.1	24.0
27	18.7	13.3	8.4	5.1	6.7	15.4	22.3	27.3	30.6	31.0	27.3	21.9
W	16.2	10.8	5.5	0.7	−3.4	1.4	10.8	18.5	24.1	28.3	29.7	27.5
28	23.0	17.8	12.3	7.8	4.8	7.7	15.9	22.3	27.2	29.9	29.8	25.9
Th	20.6	15.0	9.5	4.4	−0.3	−2.5	3.6	12.7	20.0	25.0	28.8	29.6
29	27.0	22.2	16.9	11.6	7.4	4.6	8.0	15.3	21.6	26.1	28.7	28.4
F	24.9	19.6	14.3	8.7	3.9	−0.3	−0.9	5.6	14.2	20.9	25.5	29.1
30	29.5	26.6	21.8	16.5	11.4	7.2	4.5	7.3	13.7	20.0	24.5	27.2
Sa	27.2	24.2	19.4	14.3	8.9	4.3	0.7	1.0	7.0	15.0	21.1	25.7
31	29.0	29.4	26.4	21.6	16.4	11.5	7.0	4.0	5.8	11.5	17.8	22.6
Su	25.6	26.2	24.1	19.9	15.2	9.9	5.6	2.4	2.8	7.9	15.2	21.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 14′N Long. 149° 53′W

JUNE

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1 M	25.6 20.8	28.7 24.2	29.2 25.6	26.4 24.4	21.7 21.1	16.5 16.6	11.6 11.6	6.8 7.4	3.1 4.3	3.9 4.2	9.0 8.4	15.6 15.2
2 Tu	21.0 14.1	25.3 19.5	28.4 23.3	29.0 25.5	26.3 25.3	21.7 22.6	16.5 18.2	11.6 13.2	6.4 9.1	2.2 6.0	2.0 5.2	6.9 8.6
3 W	15.6 5.9	21.1 13.6	25.1 19.0	28.2 23.0	28.7 25.8	25.9 26.2	21.2 23.7	16.0 19.2	11.1 14.3	5.8 10.2	1.4 7.2	0.4 5.8
4 Th	9.4 −0.3	16.6 6.4	21.5 14.0	25.5 19.5	28.2 23.5	28.2 26.5	25.0 26.9	20.2 24.0	15.1 19.3	10.3 14.5	5.2 10.6	0.6 7.8
5 F	6.3 −0.3	11.1 0.3	18.1 8.1	22.6 15.3	26.3 20.8	28.3 24.5	27.4 27.3	23.5 26.9	18.5 23.4	13.7 18.6	9.0 13.7	4.5 10.2
6 Sa	7.6 3.4	7.2 −0.8	13.6 2.4	19.8 10.5	24.2 17.4	27.3 22.5	28.3 26.0	26.2 27.8	21.7 26.1	16.6 22.0	11.9 17.1	7.6 12.2
7 Su	9.3 6.0	7.1 1.8	9.1 −0.3	16.3 5.6	21.8 13.3	26.0 19.9	28.3 24.5	28.0 27.3	24.6 27.6	19.6 24.7	14.6 20.1	10.0 15.1
8 M	10.5 8.0	8.0 4.2	7.1 0.3	11.9 1.7	18.8 9.2	23.8 16.3	27.5 22.3	28.7 26.3	27.0 28.1	22.6 26.8	17.4 22.8	12.6 18.0
9 Tu	12.9 10.3	8.8 6.0	6.8 2.2	8.4 0.0	14.9 5.1	20.9 12.8	25.5 19.1	28.2 24.3	28.3 27.6	25.4 28.1	20.4 25.3	15.2 20.7
10 W	15.8 12.9	10.9 8.1	7.4 4.1	6.4 0.5	10.8 1.5	17.5 8.9	22.5 16.0	26.5 21.6	28.2 25.9	27.1 28.3	23.2 27.3	18.0 23.5
11 Th	18.6 15.6	13.6 10.5	9.3 6.0	6.4 2.4	7.3 0.2	13.5 4.6	19.3 12.4	23.7 18.9	26.7 23.6	27.4 26.9	25.1 28.1	20.8 26.0
12 F	21.5 18.5	16.5 13.5	11.8 8.5	8.1 4.6	5.9 1.4	9.1 1.7	15.5 8.1	20.3 15.4	24.2 21.2	26.4 25.0	26.0 27.5	22.9 27.5
13 Sa	24.4 21.0	19.7 16.6	14.7 11.9	10.4 7.3	7.1 3.8	6.0 1.6	10.8 4.4	16.3 11.0	20.6 17.7	24.0 22.7	25.6 25.8	24.4 27.5
14 Su	26.5 23.0	23.0 19.6	18.1 15.6	13.2 11.3	9.5 7.2	6.3 4.0	6.5 3.1	11.4 7.2	16.0 13.1	20.2 19.2	23.3 23.5	24.6 26.1
15 M	27.0 23.6	25.5 22.1	21.7 19.1	16.8 15.6	12.3 11.8	8.8 8.0	5.8 5.0	6.6 5.3	10.7 9.3	15.2 14.6	19.3 20.2	22.4 23.9
16 Tu	26.1 21.7	26.5 23.0	24.8 22.0	20.8 19.6	15.9 16.5	11.7 13.0	8.1 9.3	5.2 6.6	5.9 7.2	9.3 10.4	14.1 15.6	18.2 20.7
17 W	24.0 17.4	26.0 21.3	26.4 23.0	24.5 22.6	20.2 20.8	15.3 17.9	11.2 14.4	7.3 10.6	4.4 8.0	4.3 8.1	7.8 11.0	12.9 16.3
18 Th	21.2 12.1	24.3 17.0	26.4 21.4	26.6 23.6	24.4 23.8	19.8 22.3	14.8 19.4	10.5 15.5	6.6 11.5	3.2 8.7	2.6 8.2	6.4 11.3
19 F	17.1 5.5	21.8 11.8	25.0 17.2	27.2 22.1	27.3 24.7	24.5 25.4	19.4 23.7	14.2 20.3	9.8 15.9	5.7 11.8	1.7 8.5	1.0 7.9
20 Sa	11.6 −0.3	18.0 5.0	22.6 12.1	26.1 18.1	28.4 23.3	28.1 26.0	24.5 26.8	19.0 24.6	13.6 20.5	9.1 15.8	4.8 11.4	0.4 7.8
21 Su	7.3 −0.7	11.9 −1.4	19.1 5.3	23.7 12.9	27.7 19.4	29.8 24.5	28.8 27.4	24.4 27.7	18.6 24.9	13.0 20.2	8.5 15.2	3.8 10.4
22 M	6.8 2.9	6.6 −2.0	12.6 −1.9	20.2 6.4	25.0 14.2	29.3 21.0	30.9 25.8	29.1 28.6	24.0 28.1	18.1 24.7	12.4 19.5	7.7 14.3
23 Tu	9.3 6.8	5.8 1.9	6.0 −3.5	13.7 −1.4	21.3 8.1	26.4 16.1	30.5 22.7	31.6 27.2	28.9 29.5	23.4 28.1	17.4 24.0	11.8 18.6
24 W	13.1 10.8	8.3 5.7	4.6 0.5	5.8 −4.5	14.9 0.4	22.1 10.4	27.5 18.3	31.1 24.3	31.7 28.6	28.1 30.1	22.5 27.8	16.5 23.0
25 Th	17.5 15.4	11.9 9.5	7.2 4.3	3.3 −1.2	6.3 −4.3	15.7 3.2	22.7 13.1	27.9 20.5	31.2 26.0	31.3 30.0	27.1 30.3	21.4 27.2
26 F	22.0 20.0	16.3 14.1	10.7 8.1	6.0 3.1	2.2 −2.3	6.9 −2.5	16.0 6.4	22.9 15.8	27.7 22.5	30.8 27.5	30.2 30.9	25.8 30.2
27 Sa	26.3 24.5	20.8 18.8	15.0 13.0	9.7 7.1	4.7 2.3	1.8 −1.9	7.4 0.5	15.8 9.4	22.4 18.0	27.0 24.0	29.8 28.6	28.8 31.1
28 Su	29.7 27.2	25.2 23.2	19.6 18.0	13.9 12.5	8.8 7.0	3.6 2.6	1.8 0.0	7.4 3.7	15.1 11.9	21.3 19.5	25.7 24.8	28.2 28.9
29 M	30.6 26.3	28.8 25.7	24.0 22.5	18.5 18.1	13.1 12.9	8.2 7.9	3.2 4.2	2.0 2.9	6.8 6.6	13.7 13.5	19.7 20.2	24.0 24.8
30 Tu	28.3 22.1	29.6 24.5	27.6 24.7	23.0 22.6	17.8 19.0	12.7 14.2	7.9 9.7	3.2 6.6	2.1 5.7	5.8 8.5	12.0 14.1	17.9 20.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

ANCHORAGE, ALASKA, 2009

Lat. 61° 14′N Long. 149° 53′W

JULY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	24.1	27.1	28.3	26.4	22.2	17.3	12.5	7.9	3.4	1.9	4.4	10.3
W	16.3	20.5	23.3	24.4	23.4	20.4	15.9	11.8	9.0	7.8	9.3	14.1
2	19.7	23.2	26.1	27.3	25.6	21.6	17.0	12.4	7.9	3.5	1.4	3.2
Th	9.3	15.3	19.7	22.8	24.9	24.6	21.7	17.4	13.5	10.5	8.7	9.3
3	14.1	19.3	22.7	25.6	26.6	25.0	21.1	16.5	12.1	7.6	3.4	0.7
F	2.5	9.3	15.3	19.9	23.3	25.9	25.6	22.4	18.0	14.0	10.8	8.6
4	9.1	14.6	19.5	23.0	25.7	26.5	24.4	20.3	15.7	11.3	7.0	2.9
Sa	−0.1	3.1	10.3	16.4	21.0	24.5	26.8	25.7	22.1	17.5	13.2	10.2
5	7.8	9.5	15.8	20.5	24.2	26.5	26.6	23.6	19.2	14.5	10.1	6.0
Su	1.8	−0.3	5.1	12.3	18.5	22.8	26.0	27.2	24.9	20.7	15.9	11.6
6	8.8	7.1	11.1	17.5	22.2	25.7	27.4	26.4	22.5	17.6	12.9	8.6
M	4.7	0.3	0.9	8.0	15.1	21.0	24.9	27.3	26.7	23.3	18.7	13.6
7	9.7	7.2	7.4	13.5	19.7	24.3	27.2	28.0	25.6	20.9	15.8	11.0
Tu	6.9	2.8	−0.6	3.6	11.5	18.2	23.4	26.8	27.8	25.4	21.2	16.2
8	11.3	7.8	5.9	9.1	16.2	21.8	26.0	28.3	27.9	24.1	19.0	13.7
W	8.9	5.0	0.7	0.3	7.4	15.1	21.2	25.6	28.2	27.4	23.7	18.9
9	13.8	9.2	6.0	5.8	11.8	18.5	23.7	27.2	28.6	26.8	22.2	16.8
Th	11.4	6.8	2.8	−0.5	3.1	11.5	18.6	23.8	27.5	28.7	26.3	21.7
10	16.5	11.5	7.4	4.6	7.3	14.5	20.4	25.0	27.8	28.0	24.8	19.9
F	14.4	9.1	4.8	1.0	0.4	7.2	15.3	21.6	25.8	28.6	28.2	24.6
11	19.5	14.2	9.6	5.7	4.2	9.7	16.6	21.8	25.7	27.6	26.5	22.5
Sa	17.5	12.1	7.0	3.1	0.4	3.6	11.6	18.8	24.1	27.4	28.8	26.9
12	22.5	17.1	11.9	7.9	4.3	5.0	11.9	17.9	22.6	25.8	26.9	24.5
Su	20.2	15.3	10.3	5.7	2.3	1.8	8.1	15.4	21.6	25.9	28.2	28.1
13	25.1	20.1	14.7	10.1	6.4	3.4	6.4	13.2	18.5	22.7	25.4	25.5
M	22.5	18.3	13.9	9.4	5.3	2.7	5.0	12.1	18.4	23.6	26.8	28.1
14	26.7	23.1	17.9	12.7	8.7	5.1	3.2	7.4	13.4	18.5	22.1	24.5
Tu	24.1	21.1	17.4	13.5	9.5	6.0	4.5	8.5	14.9	20.3	24.6	27.0
15	27.4	25.4	21.5	16.1	11.3	7.8	4.3	3.4	7.3	12.8	17.7	21.1
W	23.5	23.0	20.7	17.6	14.2	10.7	7.4	6.9	11.0	16.2	21.2	24.7
16	26.6	26.6	24.5	20.5	15.2	10.8	7.3	3.9	3.1	6.3	11.7	16.4
Th	20.0	22.7	22.8	21.3	18.8	15.8	12.3	9.2	8.8	11.7	16.4	21.2
17	24.3	26.2	26.4	24.5	20.3	15.1	10.8	7.1	3.7	2.2	4.7	10.1
F	14.9	19.1	22.5	23.4	22.9	20.7	17.5	13.8	10.5	9.3	11.2	15.9
18	20.7	23.8	26.2	26.9	25.2	20.9	15.6	11.1	7.1	3.2	1.0	3.0
Sa	8.4	13.7	19.0	23.0	24.7	24.8	22.5	18.8	14.6	10.9	8.6	10.1
19	14.9	20.1	23.9	27.1	28.1	26.4	21.8	16.3	11.3	7.1	2.6	−0.2
Su	1.3	7.2	13.6	19.7	24.1	26.3	26.5	23.8	19.3	14.7	10.2	7.4
20	8.5	14.0	20.1	24.7	28.4	29.5	27.6	22.5	16.7	11.4	6.8	2.1
M	−1.5	−0.2	7.1	14.5	21.1	25.4	28.0	27.6	24.1	19.0	14.0	9.0
21	6.0	6.9	13.8	20.7	26.0	29.8	30.9	28.3	22.8	16.7	11.2	6.3
Tu	1.5	−3.1	−0.6	8.3	16.3	22.8	27.0	29.3	28.0	23.7	18.1	12.7
22	7.8	4.4	5.7	14.3	21.7	27.4	31.0	31.9	28.4	22.6	16.2	10.6
W	5.7	0.4	−4.5	0.7	10.7	18.7	24.7	28.8	30.2	27.8	22.7	17.0
23	11.3	6.6	2.4	5.5	15.4	22.8	28.4	31.9	32.1	27.8	21.8	15.4
Th	9.6	4.6	−1.4	−4.7	3.6	13.8	21.3	26.8	30.5	30.5	27.0	21.4
24	15.5	10.0	4.9	0.6	6.3	16.4	23.6	28.9	32.3	31.5	26.7	20.5
F	14.2	8.2	3.2	−3.0	−2.8	7.5	17.0	23.8	28.9	31.8	30.3	25.8
25	19.9	13.9	8.6	2.8	−0.1	7.7	17.3	24.0	29.0	31.9	30.2	25.1
Sa	18.9	12.7	6.7	1.6	−3.3	0.9	11.6	20.0	26.0	30.6	32.1	29.4
26	24.1	18.1	12.3	7.0	1.0	0.5	9.1	17.7	23.9	28.6	30.7	28.4
Su	23.3	17.4	11.3	5.6	0.9	−1.2	5.5	15.2	22.4	27.6	31.3	31.4
27	27.8	22.1	16.3	10.8	5.5	0.2	2.0	10.1	17.6	23.3	27.4	28.7
M	26.4	21.7	16.3	10.5	5.5	1.8	2.5	9.7	17.8	23.9	28.1	30.6
28	29.8	25.7	20.0	14.6	9.6	4.5	0.7	3.6	10.5	17.0	22.1	25.6
Tu	26.5	24.5	20.6	16.0	10.8	6.6	4.5	6.6	12.6	19.1	24.1	27.4
29	28.9	27.6	23.6	18.4	13.5	9.0	4.4	2.0	4.6	10.1	15.8	20.4
W	23.5	24.5	23.4	20.6	16.6	12.1	8.8	7.7	9.5	13.9	19.1	23.3
30	25.6	26.8	25.7	22.1	17.5	13.2	9.0	5.0	3.0	4.8	8.9	14.2
Th	18.6	21.7	23.3	23.4	21.6	18.1	14.2	11.4	10.2	10.8	13.6	18.2
31	21.7	23.8	25.2	24.4	21.5	17.4	13.4	9.4	5.6	3.5	4.1	7.4
F	12.8	17.4	20.9	23.1	24.3	23.1	19.8	16.0	13.2	11.1	10.5	12.4

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 14′N Long. 149° 53′W

AUGUST

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	17.0	20.3	22.8	24.5	24.2	21.6	17.8	13.7	9.7	5.8	3.2	2.8
Sa	6.4	12.2	17.2	21.1	24.0	25.7	24.3	20.9	16.9	13.4	10.5	9.1
2	11.3	16.3	19.9	23.0	24.9	24.8	22.0	17.9	13.7	9.5	5.3	2.1
Su	1.6	6.5	12.8	18.3	22.4	25.5	26.7	24.7	20.7	16.3	12.1	9.0
3	7.5	11.2	16.7	20.8	24.2	26.0	25.4	22.0	17.5	13.0	8.6	4.3
M	0.5	1.6	8.2	14.8	20.4	24.3	27.0	26.9	23.9	19.3	14.4	10.2
4	7.0	6.8	12.5	18.3	22.7	26.0	27.3	25.5	21.2	16.3	11.7	7.3
Tu	2.7	−0.6	3.5	11.2	17.7	22.8	26.4	27.8	26.0	21.9	16.9	11.9
5	8.0	5.2	7.7	14.8	20.6	25.0	27.8	28.0	24.7	19.8	14.6	9.9
W	5.7	0.7	−0.2	7.0	14.9	20.9	25.4	28.1	27.6	24.2	19.4	14.1
6	9.5	5.7	4.5	10.2	17.6	23.1	27.1	29.1	27.7	23.2	17.8	12.4
Th	7.9	3.5	−0.7	2.4	11.3	18.6	23.9	27.7	29.0	26.5	22.0	16.6
7	11.5	7.2	3.7	5.5	13.3	20.2	25.3	28.6	29.4	26.4	21.2	15.5
F	10.0	5.8	1.4	−0.2	6.8	15.6	22.1	26.5	29.4	28.8	24.8	19.5
8	14.0	9.2	5.0	2.6	8.1	16.2	22.3	26.8	29.3	28.5	24.3	18.9
Sa	13.1	7.8	3.7	0.2	3.1	11.9	19.5	25.0	28.6	29.9	27.4	22.5
9	16.8	11.5	7.2	2.9	3.3	11.3	18.5	23.9	27.6	29.0	26.6	21.9
Su	16.5	10.8	5.8	2.1	1.4	8.2	16.5	22.8	27.3	29.7	29.0	25.1
10	19.7	14.1	9.3	5.1	1.6	5.6	14.1	20.1	24.8	27.7	27.7	24.2
M	19.4	14.3	9.1	4.6	2.0	5.0	13.7	20.2	25.4	28.7	29.6	27.0
11	22.3	16.6	11.5	7.3	3.4	1.8	8.3	15.9	21.2	25.0	27.1	25.8
Tu	21.9	17.4	12.7	8.1	4.4	3.7	9.9	17.9	22.9	27.0	29.0	28.3
12	24.5	19.5	13.9	9.4	5.8	2.3	3.0	10.1	16.7	21.4	24.4	25.8
W	23.9	20.4	16.2	12.2	8.3	5.4	6.7	13.9	20.2	24.4	27.3	28.4
13	26.5	22.5	17.3	12.1	8.2	5.0	2.1	4.2	10.5	16.4	20.5	23.2
Th	24.4	22.7	19.9	16.4	12.9	9.5	7.3	9.7	15.8	20.8	24.5	26.6
14	27.2	25.2	21.5	16.4	11.6	8.0	4.8	2.5	4.3	9.6	15.1	18.8
F	21.9	23.4	22.7	20.7	17.7	14.6	11.3	9.3	11.1	15.4	19.9	23.4
15	25.5	26.3	24.9	21.8	16.9	12.3	8.6	5.2	2.7	3.5	7.8	12.9
Sa	16.9	21.0	23.3	23.7	22.5	19.9	16.5	12.9	10.4	10.5	13.6	18.0
16	21.8	24.6	26.3	25.8	23.2	18.4	13.7	9.5	5.6	2.3	2.0	5.4
Su	10.6	15.8	21.0	24.1	25.5	24.8	21.9	17.9	13.7	10.1	8.8	11.1
17	15.8	20.5	24.5	27.2	27.6	25.2	20.2	15.0	10.2	5.9	1.8	0.3
M	3.0	9.3	15.9	21.9	25.4	27.5	26.6	23.1	18.3	13.4	8.8	6.7
18	8.4	14.2	20.3	25.4	28.7	29.6	26.9	21.6	15.8	10.6	5.7	1.2
Tu	−1.6	1.6	9.8	17.4	23.4	27.2	29.3	27.7	23.2	17.7	12.2	7.3
19	4.5	6.2	13.9	21.1	26.8	30.4	31.3	27.9	22.1	15.8	10.4	5.3
W	0.3	−3.2	2.3	11.9	19.7	25.3	29.1	30.4	27.7	22.3	16.4	10.7
20	5.8	2.1	5.2	14.8	22.4	28.2	31.8	32.1	27.9	21.7	15.3	9.6
Th	4.7	−1.0	−3.5	5.1	15.0	22.4	27.5	30.9	30.7	26.8	20.8	14.8
21	9.2	4.1	−0.1	5.8	16.3	23.8	29.4	32.7	32.0	27.1	20.6	14.2
F	8.5	3.7	−2.5	−1.6	9.2	18.4	25.1	29.9	32.1	30.2	25.2	19.0
22	13.0	7.8	1.8	−1.0	7.8	17.8	24.9	30.1	33.0	31.1	25.7	19.2
Sa	12.8	7.1	2.1	−2.9	2.4	13.7	21.7	27.6	31.8	32.4	28.9	23.1
23	17.0	11.2	5.9	−0.5	−0.1	10.2	19.1	25.6	30.5	32.3	29.4	23.8
Su	17.5	11.2	5.7	0.9	−0.9	7.7	17.6	24.4	29.6	32.7	31.4	26.8
24	20.7	14.8	9.4	3.8	−1.6	2.4	12.4	20.0	25.9	30.0	30.6	27.3
M	21.7	15.8	9.7	4.8	1.1	3.3	12.6	20.7	26.3	30.5	32.0	29.3
25	24.0	18.1	12.7	7.6	2.1	-0.7	5.5	14.1	20.5	25.5	28.7	28.4
Tu	25.0	19.9	14.5	9.0	5.0	3.5	8.3	16.3	22.6	27.1	29.9	29.8
26	26.5	21.1	15.7	10.9	6.3	1.7	1.7	8.1	15.0	20.3	24.5	26.7
W	26.1	23.1	18.7	14.0	9.4	6.6	7.2	12.2	18.3	23.2	26.5	27.9
27	27.0	23.7	18.8	14.0	9.9	5.8	2.6	4.1	9.6	14.9	19.3	22.8
Th	24.6	24.2	22.0	18.6	14.6	11.0	9.3	10.5	14.1	18.4	22.3	24.6
28	25.3	24.5	21.7	17.6	13.5	9.8	6.2	4.1	5.6	9.5	13.7	17.7
F	21.1	23.1	23.3	22.2	19.6	16.1	13.1	11.8	12.1	13.8	17.0	20.4
29	22.3	23.3	23.1	21.1	17.7	14.0	10.5	7.2	5.1	5.6	8.2	12.0
Sa	16.2	20.0	22.5	23.7	23.5	21.2	17.9	14.9	12.8	11.6	12.0	14.8
30	18.5	20.7	22.5	23.1	21.9	18.8	15.1	11.4	7.8	5.0	4.4	6.3
Su	10.7	15.6	20.1	23.1	25.0	25.1	22.6	19.0	15.3	12.0	9.6	9.5
31	13.1	17.4	20.5	23.2	24.3	23.3	20.0	15.9	11.9	7.7	4.0	2.5
M	5.0	10.7	16.3	21.3	24.6	26.7	26.2	23.0	18.7	14.2	10.0	7.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

ANCHORAGE, ALASKA, 2009

Lat. 61° 14′N Long. 149° 53′W

SEPTEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	7.7	12.8	17.7	21.7	24.8	26.0	24.4	20.5	16.0	11.5	6.8	2.5
Tu	1.0	5.5	12.3	18.2	23.2	26.5	27.8	26.1	22.0	17.0	12.0	7.5
2	4.8	7.4	14.1	19.5	23.9	26.9	27.4	24.6	20.0	15.0	10.4	5.5
W	0.8	1.0	8.1	15.3	21.0	25.6	28.3	27.9	24.6	19.7	14.4	9.4
3	5.1	3.7	9.2	16.5	22.0	26.3	28.7	27.7	23.7	18.5	13.3	8.7
Th	3.7	−0.3	3.4	12.2	18.9	24.1	28.0	29.2	26.8	22.3	16.8	11.7
4	6.9	2.8	4.4	12.3	19.5	24.7	28.4	29.6	26.9	22.0	16.3	11.1
F	6.8	1.9	0.3	7.8	16.5	22.6	27.0	29.9	29.0	24.9	19.4	13.9
5	9.1	4.4	1.5	6.9	15.6	22.2	27.0	29.9	29.4	25.3	19.9	14.0
Sa	8.9	4.8	0.8	3.5	12.9	20.5	25.8	29.4	30.6	27.6	22.4	16.5
6	11.3	6.8	1.9	2.0	10.4	18.4	24.4	28.5	30.3	28.1	23.3	17.6
Su	11.8	6.9	3.0	1.7	8.7	17.6	23.9	28.4	30.9	29.8	25.3	19.5
7	13.8	9.0	4.4	0.3	4.4	13.8	20.6	25.9	29.2	29.6	26.1	21.0
M	15.4	9.8	5.2	2.4	5.2	14.4	21.3	26.6	30.1	30.8	27.5	22.3
8	16.5	11.3	6.9	2.3	0.4	7.9	16.5	22.3	26.7	29.0	27.8	23.8
Tu	18.8	13.5	8.3	4.4	3.7	10.5	19.1	24.1	28.4	30.5	29.2	24.5
9	19.0	13.6	9.0	5.0	0.9	2.2	11.1	18.2	23.3	26.7	27.9	25.7
W	21.7	16.9	12.2	7.7	4.8	6.9	15.5	22.0	26.0	29.1	29.8	26.7
10	21.6	16.1	11.2	7.3	3.6	0.8	4.7	13.1	19.1	23.3	25.9	26.4
Th	23.9	20.2	15.9	11.8	8.1	6.4	10.5	18.5	23.2	26.6	28.6	28.1
11	24.4	19.5	14.3	9.9	6.4	3.1	1.7	6.4	13.4	18.9	22.3	24.7
F	24.9	23.0	19.8	16.1	12.6	9.3	8.5	12.9	18.8	22.8	25.7	27.2
12	26.5	23.2	18.9	14.0	9.9	6.6	3.5	2.7	6.5	12.3	17.3	20.6
Sa	23.5	24.3	23.3	20.7	17.5	14.1	11.0	10.1	12.8	17.0	20.9	23.9
13	25.7	25.6	23.5	19.9	15.2	11.1	7.5	4.3	2.9	5.3	10.2	15.0
Su	19.2	22.9	24.6	24.6	22.6	19.5	15.7	12.2	10.1	10.8	13.9	18.1
14	21.9	24.9	26.0	25.2	22.0	17.3	12.9	8.7	4.9	2.4	3.3	7.5
M	13.1	18.6	23.2	25.8	26.7	24.9	21.3	16.8	12.4	8.8	7.9	10.4
15	15.5	20.8	25.0	27.3	27.4	24.4	19.5	14.4	9.6	5.1	1.5	1.1
Tu	5.5	12.6	19.3	24.4	27.6	28.8	26.6	22.1	16.8	11.6	6.9	5.0
16	7.2	14.1	20.8	26.0	29.1	29.6	26.3	21.0	15.2	10.0	4.9	0.7
W	−0.6	5.3	13.9	21.0	26.1	29.5	30.3	27.1	21.6	15.8	10.1	5.1
17	2.1	5.4	14.3	21.8	27.4	30.7	31.1	27.1	21.3	15.1	9.6	4.6
Th	−0.3	−1.0	7.4	16.6	23.4	28.1	31.3	30.7	26.4	20.1	14.2	8.5
18	3.3	−0.2	5.5	15.6	23.3	28.7	32.0	31.5	26.9	20.6	14.4	8.8
F	4.1	−1.2	0.7	11.2	19.8	26.0	30.4	32.3	30.0	24.6	18.1	12.3
19	7.0	1.2	−1.3	7.4	17.5	24.8	29.9	32.7	31.0	25.8	19.3	13.1
Sa	7.8	3.1	−1.2	4.6	15.5	23.0	28.6	32.2	32.2	28.3	22.2	16.0
20	10.4	5.3	−1.0	−0.3	10.2	19.3	26.1	30.8	32.5	29.7	24.1	17.7
Su	11.5	6.5	2.0	0.7	9.8	19.3	25.8	30.8	33.0	31.0	25.9	19.6
21	13.9	8.5	3.1	−2.2	2.6	13.0	20.9	27.1	31.1	31.5	27.9	22.1
M	16.0	9.9	5.4	1.9	4.8	14.8	22.3	28.0	31.9	32.3	28.7	22.9
22	17.0	11.6	6.6	1.0	−1.2	6.5	15.5	22.2	27.5	30.5	29.8	25.7
Tu	20.0	14.3	8.7	4.9	3.7	9.9	18.6	24.5	29.0	31.5	30.1	25.6
23	19.7	14.4	9.5	4.7	0.1	1.8	10.3	17.4	23.0	27.3	29.1	27.5
W	23.3	18.2	12.9	8.3	5.7	7.3	14.4	21.0	25.6	28.8	29.5	27.0
24	22.3	16.8	12.1	7.8	3.6	1.1	5.5	13.0	18.6	23.0	26.3	27.2
Th	25.3	21.4	16.9	12.4	8.9	7.8	11.2	17.1	21.8	25.3	27.1	26.6
25	23.9	19.5	14.8	10.6	7.0	3.6	3.2	8.3	14.4	18.7	22.3	24.9
F	25.4	23.6	20.4	16.6	12.9	10.4	10.4	13.6	17.5	21.1	23.8	24.6
26	23.9	21.6	18.0	14.0	10.3	7.2	4.6	5.2	9.5	14.2	17.8	21.0
Sa	23.5	24.2	23.0	20.6	17.4	14.3	12.1	12.1	13.7	16.1	19.2	21.6
27	22.4	22.3	20.9	18.2	14.5	11.2	8.1	5.8	6.0	8.9	12.8	16.3
Su	19.9	22.9	24.0	23.6	21.8	18.8	15.6	13.1	11.9	11.8	13.6	16.9
28	19.6	21.3	22.2	21.7	19.6	16.0	12.6	9.2	6.4	5.3	7.3	11.0
M	15.3	19.6	23.3	24.9	25.1	23.3	19.9	16.2	12.7	9.9	8.9	10.9
29	15.1	18.8	21.6	23.4	23.5	21.4	17.6	13.7	9.8	6.0	3.8	5.5
Tu	10.2	15.5	20.4	24.5	26.5	26.5	24.1	20.0	15.5	11.0	7.2	6.1
30	9.3	14.9	19.4	23.1	25.3	25.3	22.7	18.5	13.9	9.5	4.9	2.3
W	4.8	11.2	17.1	22.3	26.2	28.1	27.1	23.6	18.8	13.7	8.6	4.5

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 14′N Long. 149° 53′W

OCTOBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	4.4	9.7	16.1	21.2	25.3	27.3	26.4	23.0	18.2	13.3	8.6	3.6
Th	1.5	6.3	14.0	19.7	24.7	28.2	28.9	26.4	21.8	16.4	11.2	6.0
2	2.3	4.4	11.8	18.5	23.7	27.4	28.6	26.4	22.1	16.7	11.8	7.2
F	2.4	2.4	9.9	17.6	22.9	27.3	29.9	28.6	24.5	19.0	13.7	8.7
3	3.5	1.0	6.4	14.8	21.2	26.1	29.1	28.9	25.4	20.4	14.8	10.0
Sa	5.6	1.9	5.3	14.6	21.4	26.2	29.7	30.5	27.2	21.9	16.1	11.0
4	6.2	1.1	1.3	9.7	17.8	23.8	28.1	30.2	28.3	23.9	18.3	12.6
Su	8.1	4.2	2.9	10.1	18.9	24.7	29.0	31.3	29.8	25.0	19.1	13.4
5	8.7	3.8	-0.6	3.4	13.1	20.2	25.8	29.5	30.2	27.0	22.0	16.2
M	10.7	6.4	3.4	6.0	15.3	22.4	27.5	30.9	31.5	27.8	22.2	16.3
6	11.1	6.5	1.5	-0.8	6.8	15.9	22.2	27.2	29.9	29.2	25.3	20.1
Tu	14.4	9.1	5.3	4.2	10.7	19.7	24.9	29.5	31.6	30.0	25.0	19.3
7	13.7	9.0	4.5	-0.2	0.9	10.4	18.0	23.7	27.8	29.5	27.6	23.4
W	18.2	13.0	8.0	5.1	6.8	15.6	22.5	26.8	30.4	30.9	27.5	22.0
8	16.4	11.5	7.1	2.9	-0.6	3.8	13.1	19.6	24.5	27.6	28.3	25.8
Th	21.6	16.7	11.9	7.7	6.0	10.4	19.1	24.0	27.7	30.1	29.2	24.7
9	19.4	14.1	9.7	5.7	1.9	0.4	6.7	14.6	20.5	24.5	26.9	26.9
F	24.4	20.3	15.9	11.7	8.2	7.7	13.3	20.2	24.2	27.5	28.8	27.2
10	22.8	17.8	12.9	8.9	5.1	1.9	2.0	8.1	15.0	20.3	23.7	26.0
Sa	26.0	23.8	20.0	16.1	12.2	9.3	9.3	14.0	19.1	23.1	26.0	27.2
11	25.7	22.2	17.6	13.1	9.1	5.5	2.7	3.2	8.0	14.2	19.1	22.6
Su	25.4	25.8	24.2	20.9	17.2	13.3	10.4	9.8	12.5	16.5	20.8	24.0
12	25.8	25.3	23.0	18.9	14.5	10.4	6.6	3.6	3.2	6.7	12.4	17.5
M	21.9	25.3	26.6	25.6	22.6	18.7	14.4	10.8	8.7	9.4	13.0	17.9
13	22.2	25.1	26.0	24.8	21.1	16.7	12.1	7.8	4.2	2.6	4.9	10.6
Tu	16.6	21.9	25.9	28.0	27.5	24.3	19.9	15.0	10.3	6.6	6.0	9.3
14	15.6	21.3	25.3	27.4	27.0	23.5	18.8	13.6	8.8	4.3	1.8	3.3
W	9.7	16.9	22.8	27.1	29.7	29.1	25.4	20.0	14.6	9.1	4.4	2.7
15	6.6	14.6	21.3	26.1	28.9	28.8	25.3	20.1	14.4	9.2	4.4	1.2
Th	2.6	10.7	18.5	24.3	28.6	31.1	29.7	25.2	19.1	13.4	7.6	2.5
16	0.1	5.8	15.1	22.2	27.2	30.2	29.9	25.9	20.2	14.3	9.0	4.4
F	0.8	3.8	13.4	20.9	26.4	30.3	31.9	29.2	23.7	17.4	11.7	6.2
17	0.6	-1.2	6.9	16.6	23.6	28.3	31.1	30.0	25.5	19.4	13.5	8.4
Sa	4.3	1.1	7.0	16.8	23.6	28.6	31.8	31.6	27.5	21.4	15.4	9.9
18	4.8	-1.1	-0.5	9.5	18.5	25.1	29.4	31.4	29.3	24.1	18.0	12.2
Su	7.7	3.8	2.8	11.4	20.2	26.3	30.7	32.4	30.3	25.0	18.8	13.2
19	8.1	3.0	-2.1	2.2	12.4	20.5	26.5	30.3	31.1	27.9	22.3	16.4
M	10.6	6.8	3.6	6.2	15.8	23.0	28.5	31.9	31.9	28.0	22.1	16.3
20	11.0	6.2	1.0	-1.4	6.1	15.1	22.3	27.7	30.6	30.0	26.0	20.3
Tu	14.6	9.2	6.0	4.7	10.8	19.4	25.2	29.9	31.8	30.0	25.1	19.2
21	13.9	8.9	4.3	-0.2	1.5	10.2	17.6	23.9	28.4	30.1	28.4	23.8
W	18.4	12.9	8.2	5.9	7.6	15.2	21.8	26.6	30.0	30.3	27.1	21.9
22	16.3	11.5	6.9	2.6	0.3	5.6	13.7	19.7	24.9	28.3	28.8	26.2
Th	21.5	16.5	11.6	8.0	7.0	11.3	18.3	23.2	27.0	28.8	27.6	23.9
23	18.7	13.7	9.4	5.4	1.9	2.5	9.5	16.3	21.1	25.1	27.5	27.1
F	24.0	19.6	15.1	11.0	8.5	9.2	14.4	19.7	23.5	26.1	26.6	24.7
24	21.0	16.4	11.8	8.0	4.7	2.5	5.4	12.2	17.8	21.6	24.8	26.5
Sa	25.5	22.4	18.5	14.5	11.3	9.5	11.3	15.7	19.5	22.7	24.5	24.3
25	22.4	19.2	15.2	11.0	7.7	4.9	3.9	7.4	13.3	18.0	21.2	24.1
Su	25.5	24.5	21.8	18.3	14.8	11.9	10.5	12.0	14.8	18.0	20.9	22.5
26	22.6	21.4	18.8	15.4	11.5	8.5	5.8	5.2	8.0	13.0	17.3	20.5
M	23.6	25.2	24.4	22.2	18.9	15.5	12.4	10.7	10.9	12.5	15.7	19.0
27	21.1	22.0	21.6	19.8	16.7	13.0	9.7	6.9	5.7	7.4	11.9	16.3
Tu	20.1	23.6	25.5	25.2	23.2	19.7	16.0	12.3	9.6	8.4	9.8	13.4
28	17.6	20.7	22.6	22.8	21.5	18.5	14.6	10.8	7.6	5.4	6.4	11.0
W	16.1	20.4	24.3	26.5	26.3	23.9	20.0	15.7	11.3	7.5	5.6	7.5
29	12.3	17.5	21.4	24.0	24.6	23.2	19.9	15.6	11.4	7.6	4.6	5.8
Th	11.4	17.1	21.6	25.7	27.8	27.1	23.8	19.3	14.4	9.5	5.0	3.2
30	6.5	12.8	18.5	22.9	25.6	26.1	24.3	20.5	15.6	11.2	7.0	4.0
F	6.4	13.3	19.2	23.6	27.5	28.9	27.0	22.6	17.5	12.5	7.3	2.6
31	1.9	7.3	14.5	20.3	24.8	27.3	27.1	24.3	19.8	14.7	10.3	6.1
Sa	4.1	8.7	16.5	21.9	26.2	29.3	29.4	25.8	20.5	15.1	10.3	5.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

ANCHORAGE, ALASKA, 2009

Lat. 61° 14′N Long. 149° 53′W

NOVEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	0.6	1.9	9.5	16.7	22.5	26.7	28.6	27.3	23.5	18.4	13.3	9.0
Su	5.3	5.2	12.4	20.0	24.8	28.7	30.6	28.8	23.8	18.0	12.7	8.1
2	2.9	−0.8	3.4	12.3	19.1	24.7	28.3	29.3	26.7	22.2	16.6	11.6
M	7.5	4.8	7.7	16.5	23.0	27.6	30.7	31.0	27.3	21.6	15.6	10.6
3	6.1	0.8	−1.3	6.1	14.8	21.3	26.5	29.4	29.1	25.7	20.6	15.0
Tu	10.0	6.3	5.2	11.3	20.1	25.3	29.7	31.8	30.2	25.1	19.2	13.5
4	8.8	4.1	−1.0	−0.2	9.1	16.9	23.1	27.6	29.8	28.4	24.3	19.0
W	13.6	8.7	5.7	6.7	15.3	22.6	27.2	31.0	31.7	28.3	22.7	17.0
5	11.7	7.0	2.4	−1.8	2.2	11.8	18.7	24.5	28.2	29.5	27.2	22.8
Th	17.6	12.4	7.9	5.7	9.4	18.4	24.0	28.4	31.1	30.5	25.9	20.4
6	14.9	10.0	5.4	1.0	−1.4	5.1	13.8	20.3	25.2	28.4	28.6	25.9
F	21.4	16.4	11.4	7.6	6.5	12.0	19.9	24.7	28.7	30.3	28.6	23.8
7	18.4	13.3	8.6	4.2	0.3	0.1	7.5	15.4	21.4	25.5	28.1	27.8
Sa	24.9	20.3	15.7	11.0	7.8	7.6	13.4	19.8	24.5	27.9	29.0	26.9
8	22.4	17.3	12.4	7.8	3.8	0.6	1.9	8.9	16.3	21.7	25.4	27.9
Su	27.4	24.4	20.0	15.5	11.2	8.2	8.2	12.9	18.4	23.2	26.3	27.5
9	25.8	22.0	17.1	12.5	7.9	4.1	1.4	3.1	9.3	16.4	21.4	25.3
M	27.7	27.5	24.7	20.4	15.9	11.7	8.4	7.6	10.7	15.8	21.0	24.5
10	26.3	25.6	22.6	18.1	13.6	9.0	5.2	2.5	3.5	8.9	15.7	20.9
Tu	25.2	27.9	28.2	25.6	21.4	16.7	12.1	8.1	5.9	7.6	12.6	18.4
11	22.9	25.5	26.0	24.0	20.0	15.5	10.6	6.5	3.4	3.6	8.2	15.0
W	20.7	25.3	28.4	29.1	26.6	22.3	17.1	12.2	7.2	3.8	4.4	9.6
12	16.5	21.9	25.3	26.9	25.7	22.1	17.4	12.2	7.8	4.1	3.5	7.6
Th	14.9	21.0	25.7	29.2	30.0	27.3	22.6	17.0	11.7	6.0	1.8	1.5
13	7.6	15.7	21.5	25.6	27.9	27.2	23.8	18.6	13.3	8.6	4.8	3.5
F	7.9	16.0	22.0	26.7	30.0	30.5	27.2	21.9	16.1	10.7	5.0	0.2
14	−0.2	7.4	15.9	22.0	26.2	28.9	28.2	24.4	18.9	13.6	8.9	5.4
Sa	3.8	9.7	17.9	23.5	27.9	30.7	30.1	26.0	20.3	14.7	9.3	4.1
15	−1.2	−0.3	8.8	17.1	23.0	27.0	29.5	28.3	24.0	18.3	12.9	8.9
Su	5.5	5.0	12.6	20.2	25.5	29.4	31.0	28.9	24.0	18.2	12.9	7.9
16	3.0	−2.0	1.6	11.1	18.9	24.5	28.1	29.8	27.5	22.6	17.0	11.7
M	8.4	5.4	7.4	16.0	22.6	27.5	30.5	30.6	27.0	21.5	16.0	10.9
17	6.4	1.5	−1.6	4.9	13.8	21.1	26.0	29.1	29.4	26.0	20.8	15.2
Tu	10.3	7.6	5.8	10.9	19.0	24.8	29.2	30.9	29.3	24.6	18.9	13.7
18	8.8	4.7	0.1	0.6	8.6	16.5	23.2	27.5	29.6	28.3	24.0	18.8
W	13.2	8.9	6.8	7.5	14.6	21.4	26.5	29.9	30.2	27.2	22.0	16.4
19	11.5	6.8	2.8	−0.2	4.3	12.3	19.1	24.9	28.4	29.2	26.6	21.9
Th	16.8	11.4	7.9	6.8	10.4	17.7	23.1	27.5	29.5	28.5	24.6	19.1
20	13.9	9.2	5.0	1.3	1.4	8.4	15.6	21.4	26.1	28.7	28.1	24.5
F	19.7	14.8	10.1	7.4	7.9	13.7	19.8	24.3	27.4	28.1	26.0	21.7
21	16.4	11.5	7.2	3.5	0.9	4.4	12.2	18.4	23.1	26.8	28.3	26.5
Sa	22.4	17.7	13.1	9.4	7.4	10.0	16.0	20.9	24.6	26.6	26.2	23.5
22	19.1	14.2	9.5	5.8	2.7	2.1	7.7	15.1	20.4	24.1	26.9	27.4
Su	24.8	20.6	16.1	12.1	9.0	8.0	11.8	16.9	20.9	23.9	25.2	24.3
23	21.4	17.3	12.8	8.5	5.3	2.8	4.2	10.2	16.8	21.4	24.4	26.7
M	26.5	23.6	19.5	15.2	11.6	8.8	8.6	12.2	16.2	20.0	22.7	23.9
24	22.9	20.2	16.7	12.5	8.6	5.7	3.9	6.2	11.5	17.5	21.6	24.4
Tu	26.3	25.9	23.0	19.0	14.9	11.6	8.6	8.5	11.0	14.6	18.4	21.4
25	22.8	22.2	20.1	17.2	13.4	9.7	6.7	5.5	7.3	11.9	17.6	21.5
W	24.3	26.2	25.8	23.0	19.0	15.0	11.3	8.1	7.3	8.9	12.6	16.8
26	20.4	22.4	22.4	20.9	18.5	14.9	11.2	8.0	6.7	7.7	12.0	17.5
Th	21.5	24.4	26.4	26.0	23.2	19.0	14.9	10.8	7.1	5.3	6.7	11.0
27	15.8	20.0	22.6	23.3	22.4	20.1	16.5	12.5	9.2	7.3	7.8	12.3
F	18.0	21.9	25.0	27.0	26.4	23.1	18.6	14.2	9.8	5.6	3.2	5.1
28	10.3	15.8	20.5	23.5	24.6	23.8	21.3	17.4	13.1	9.6	7.3	8.1
Sa	13.4	19.2	23.0	26.2	27.9	26.6	22.5	17.6	12.9	8.4	3.7	1.4
29	4.4	10.7	16.6	21.6	24.9	26.0	24.9	21.8	17.4	12.9	9.3	7.0
Su	8.9	15.4	20.9	24.7	27.8	28.8	26.3	21.4	16.1	11.4	6.8	1.9
30	0.1	4.8	12.0	18.1	23.3	26.4	27.2	25.3	21.4	16.5	12.1	8.3
M	6.7	10.4	17.9	22.9	26.9	29.5	29.3	25.5	19.9	14.4	9.8	5.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 14′N Long. 149° 53′W

DECEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1 Tu	0.2 7.2	−0.5 6.7	6.2 12.6	13.7 20.3	20.0 25.0	25.0 29.0	27.8 30.8	27.9 29.2	25.1 24.2	20.4 18.4	15.3 12.9	10.7 8.3
2 W	3.5 9.3	−1.3 6.3	−0.3 7.3	8.1 15.2	15.4 22.2	21.9 26.9	26.5 30.6	28.9 31.4	28.0 28.3	24.4 22.8	19.2 16.9	14.0 11.5
3 Th	6.8 12.6	1.9 8.1	−2.5 5.5	1.0 8.5	10.2 17.5	17.4 23.7	23.7 28.5	27.8 31.5	29.5 31.2	27.6 26.9	23.3 21.3	17.9 15.4
4 F	10.1 16.7	5.3 11.4	0.4 7.2	−3.0 5.2	3.2 10.2	12.3 19.1	19.4 24.7	25.1 29.3	28.8 31.5	29.5 30.2	26.8 25.3	22.1 19.7
5 Sa	14.0 20.9	8.6 15.6	3.9 10.3	−1.0 6.5	−2.2 5.3	5.8 11.7	14.5 19.7	21.3 25.3	26.3 29.2	29.5 30.9	29.1 28.8	25.9 23.8
6 Su	18.1 24.9	12.6 19.8	7.2 14.5	2.8 9.6	−1.7 5.9	−0.4 5.5	8.4 12.2	16.7 19.4	22.9 25.0	27.3 28.4	29.8 29.8	28.7 27.4
7 M	22.5 28.4	17.0 24.2	11.6 19.0	6.3 13.8	2.1 9.2	−1.4 5.4	1.9 5.5	10.5 11.4	18.5 18.4	24.0 23.8	28.0 27.2	30.0 28.4
8 Tu	26.3 29.9	21.8 28.2	16.5 23.7	11.3 18.6	6.2 13.4	2.2 8.9	−0.1 4.9	4.0 4.8	12.2 9.7	19.6 16.4	24.5 21.9	28.4 25.6
9 W	27.0 28.3	25.6 29.8	21.7 28.1	17.0 23.7	11.9 18.6	7.1 13.5	3.4 8.8	1.9 4.4	5.7 3.5	13.1 7.4	19.9 13.9	24.6 19.8
10 Th	23.8 24.4	25.8 27.9	25.4 29.6	22.5 28.0	18.4 23.8	13.4 18.8	8.8 13.6	5.3 8.7	3.8 3.9	6.8 2.1	13.2 4.9	19.7 11.5
11 F	17.9 19.5	22.3 23.9	25.0 27.5	25.6 29.3	23.8 27.9	20.3 23.7	15.3 18.7	10.8 13.6	7.3 8.5	5.4 3.3	7.3 0.7	13.1 2.8
12 Sa	9.9 13.3	16.7 19.6	21.3 23.8	24.6 27.4	26.4 29.1	25.4 27.5	21.9 23.3	16.9 18.3	12.5 13.2	8.8 8.0	6.6 3.0	7.4 −0.5
13 Su	1.6 7.7	9.6 14.2	16.4 20.1	21.3 24.3	24.9 27.7	27.3 29.0	26.5 26.8	22.8 22.3	17.8 17.2	13.3 12.3	9.7 7.3	7.1 2.5
14 M	−1.4 6.9	2.0 8.6	10.5 15.9	17.2 21.3	22.1 25.5	25.9 28.3	28.1 28.7	26.8 25.6	22.6 20.8	17.5 15.8	12.9 10.9	9.7 6.5
15 Tu	1.6 9.1	−1.6 6.7	4.0 10.6	12.3 17.9	19.0 23.1	23.5 27.0	27.1 29.0	28.4 28.1	26.0 24.0	21.4 18.9	16.2 13.9	11.8 9.2
16 W	5.3 10.2	0.4 7.8	−0.3 7.2	7.0 13.3	14.9 20.0	21.3 25.1	25.4 28.3	28.2 29.3	28.0 26.9	24.5 22.1	19.5 16.8	14.1 11.9
17 Th	7.4 11.9	3.5 8.7	−0.5 6.7	2.5 9.0	10.4 16.1	17.9 22.1	23.6 26.7	27.2 29.1	28.7 28.8	26.7 25.2	22.4 19.8	17.3 14.6
18 F	9.6 14.9	5.5 10.0	1.5 7.2	0.1 6.6	6.3 11.8	14.0 18.7	20.7 23.9	25.7 27.7	28.5 29.0	28.3 27.4	24.9 23.0	20.1 17.4
19 Sa	12.1 17.7	7.4 12.6	3.5 8.4	0.1 6.0	2.6 8.0	10.5 14.7	17.5 20.6	23.2 25.1	27.3 27.9	28.9 28.1	27.1 25.3	22.7 20.4
20 Su	14.9 20.4	9.7 15.4	5.5 10.7	1.7 7.1	0.4 5.8	6.4 10.3	14.4 16.9	20.5 22.0	25.1 25.7	28.3 27.4	28.5 26.5	25.3 22.9
21 M	17.8 23.3	12.5 18.2	7.6 13.3	3.9 9.3	0.8 6.0	2.7 6.4	10.4 12.3	17.8 18.1	23.0 22.5	26.5 25.5	28.6 26.5	27.4 24.5
22 Tu	20.5 25.9	15.7 21.4	10.6 16.2	6.2 11.6	3.0 8.2	1.5 5.4	6.2 7.5	13.9 13.2	20.4 18.2	24.6 22.3	27.3 24.8	28.2 25.1
23 W	22.7 27.3	18.8 24.5	14.4 19.8	9.8 14.7	6.0 10.7	3.3 7.3	3.8 5.1	9.5 8.0	16.3 12.9	22.1 17.6	25.4 21.4	27.4 23.8
24 Th	23.8 26.9	21.4 26.3	18.0 23.3	14.2 18.6	10.1 13.8	6.7 10.2	4.7 6.7	6.7 5.0	11.8 7.5	17.8 11.8	22.8 16.5	25.5 20.2
25 F	22.7 25.2	22.8 26.3	21.0 25.6	18.3 22.6	15.2 17.9	11.5 13.4	8.2 9.9	6.9 6.2	9.0 4.5	13.1 6.2	18.6 10.4	22.8 15.1
26 Sa	19.0 22.6	21.9 24.8	22.5 26.0	21.5 25.4	19.5 22.2	16.7 17.5	13.2 13.3	9.9 9.5	8.8 5.7	10.1 3.4	13.7 4.6	18.9 9.1
27 Su	14.0 19.1	18.3 22.6	21.7 25.0	23.0 26.5	22.8 25.7	21.2 22.2	18.4 17.3	14.6 13.0	11.3 9.0	9.7 4.9	10.2 2.0	14.0 3.2
28 M	8.2 14.2	13.4 19.6	18.4 23.1	22.4 26.0	24.2 27.5	24.4 26.3	22.7 22.2	19.4 17.1	15.3 12.4	11.7 8.3	9.4 3.8	9.8 0.6
29 Tu	2.0 9.2	7.8 14.7	13.7 20.4	19.4 24.3	23.6 27.6	25.8 28.8	25.9 27.0	23.5 22.1	19.5 16.7	15.1 11.7	11.0 7.4	8.3 2.6
30 W	−0.8 7.1	1.3 8.7	8.2 15.6	14.7 21.6	21.0 26.0	25.2 29.4	27.4 30.1	26.9 27.3	23.7 21.9	18.9 16.0	14.1 11.0	9.6 6.4
31 Th	1.4 8.2	−2.2 5.7	1.3 8.6	9.4 16.9	16.5 22.9	22.8 27.8	26.8 30.9	28.7 30.9	27.2 27.1	23.1 21.3	17.9 15.3	12.7 10.0

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

NIKISKI, ALASKA, 2009

Lat. 60° 41′N Long. 151° 24′W

JANUARY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	2.3	0.4	0.6	3.8	8.9	13.9	17.5	19.7	20.2	18.7	15.4	11.3
Th	7.7	5.3	4.5	6.2	10.0	14.2	17.1	18.5	18.4	16.7	13.4	9.1
2	5.1	2.5	1.5	2.7	6.4	11.3	15.6	18.4	19.8	19.5	17.5	13.9
F	10.0	6.8	5.0	4.8	6.7	10.4	14.1	16.4	17.4	17.2	15.4	12.2
3	8.5	5.3	3.6	3.3	5.0	8.8	13.3	16.8	18.8	19.5	18.8	16.4
Sa	12.8	9.2	6.5	5.0	4.9	6.8	10.1	13.2	15.2	16.2	16.1	14.6
4	11.8	8.7	6.3	5.2	5.3	7.1	10.6	14.5	17.4	18.9	19.2	18.1
Su	15.6	12.1	8.8	6.3	4.8	4.5	6.1	9.1	11.9	14.0	15.2	15.5
5	14.4	12.2	9.7	7.8	6.9	7.0	8.6	11.7	15.1	17.5	18.8	19.1
M	17.9	15.3	11.9	8.7	6.1	4.2	3.5	4.9	7.7	10.6	13.0	14.8
6	15.7	15.1	13.2	11.0	9.3	8.2	7.9	9.2	12.1	15.3	17.6	19.0
Tu	19.4	18.2	15.5	12.0	8.5	5.5	3.0	2.0	3.2	6.1	9.5	12.6
7	15.2	16.6	16.2	14.5	12.3	10.3	8.8	8.0	9.1	12.0	15.3	17.9
W	19.6	20.1	18.8	15.9	12.0	8.1	4.5	1.4	0.0	1.5	4.9	9.0
8	13.0	16.3	18.0	17.6	15.7	13.1	10.7	8.4	7.3	8.4	11.6	15.3
Th	18.5	20.7	21.2	19.6	16.3	11.9	7.3	3.0	−0.6	−1.9	0.1	4.4
9	9.4	14.2	17.9	19.5	18.9	16.5	13.3	10.1	7.3	6.0	7.5	11.3
F	15.7	19.5	21.9	22.3	20.3	16.4	11.4	6.2	1.1	−2.7	−3.4	−0.6
10	4.7	10.6	15.9	19.7	21.0	19.7	16.6	12.8	8.9	5.7	4.5	6.6
Sa	11.3	16.3	20.5	23.1	23.2	20.6	16.1	10.5	4.7	−0.7	−4.3	−4.2
11	−0.2	5.9	12.4	17.9	21.3	22.0	19.9	16.2	11.7	7.3	3.8	3.2
Su	6.2	11.6	17.2	21.5	23.9	23.5	20.4	15.3	9.2	3.1	−2.3	−5.2
12	−4.0	1.1	7.9	14.5	19.7	22.6	22.4	19.6	15.2	10.1	5.4	2.2
M	2.3	6.3	12.2	17.9	22.1	24.0	23.1	19.6	14.1	7.8	1.7	−3.2
13	−5.1	−2.6	3.3	10.3	16.6	21.2	23.2	22.2	18.7	13.8	8.5	3.9
Tu	1.2	2.2	6.8	12.8	18.2	22.0	23.4	22.1	18.2	12.6	6.5	0.9
14	−3.1	−3.8	−0.3	6.0	12.7	18.3	22.0	23.2	21.5	17.4	12.3	7.1
W	2.9	0.9	2.7	7.5	13.2	18.0	21.2	22.2	20.6	16.6	11.2	5.6
15	0.9	−2.0	−1.5	2.7	8.8	14.7	19.4	22.2	22.5	20.2	15.9	10.9
Th	6.2	2.6	1.4	3.5	8.1	13.1	17.1	19.8	20.4	18.7	14.9	10.1
16	5.5	1.9	0.1	1.4	5.7	11.1	16.0	19.7	21.7	21.4	18.7	14.5
F	10.0	5.9	3.0	2.3	4.4	8.3	12.4	15.7	17.9	18.5	16.9	13.6
17	9.7	6.3	3.8	2.8	4.5	8.4	12.8	16.5	19.3	20.6	19.9	17.3
Sa	13.5	9.7	6.3	3.8	3.2	4.9	8.0	11.2	14.0	16.1	16.7	15.6
18	13.0	10.2	7.8	6.1	5.6	7.1	10.3	13.6	16.3	18.4	19.3	18.5
Su	16.2	13.0	9.9	7.1	4.7	3.8	4.9	7.2	9.7	12.3	14.5	15.5
19	15.0	13.3	11.4	9.7	8.3	7.8	8.9	11.2	13.6	15.6	17.4	18.2
M	17.6	15.6	13.0	10.4	7.7	5.1	3.8	4.4	6.1	8.4	11.1	13.7
20	15.2	15.2	14.1	12.8	11.5	10.0	9.1	9.7	11.3	13.1	14.9	16.6
Tu	17.6	17.2	15.5	13.3	10.8	7.8	4.9	3.2	3.5	5.1	7.5	10.6
21	13.7	15.6	16.0	15.3	14.1	12.5	10.6	9.4	9.6	10.9	12.6	14.6
W	16.5	17.6	17.3	15.7	13.4	10.7	7.3	3.9	2.2	2.6	4.4	7.4
22	11.2	14.6	16.7	17.0	16.2	14.7	12.6	10.2	8.8	9.0	10.5	12.5
Th	14.9	17.1	18.1	17.6	15.7	13.1	9.8	5.9	2.4	1.0	2.0	4.6
23	8.3	12.6	16.2	18.0	17.9	16.5	14.4	11.7	9.0	7.7	8.4	10.5
F	13.1	15.9	18.1	18.9	17.8	15.3	12.1	8.2	3.9	0.8	0.2	2.2
24	5.7	10.2	14.7	17.9	19.0	18.1	16.0	13.2	10.0	7.2	6.5	8.2
Sa	11.1	14.3	17.4	19.3	19.4	17.5	14.2	10.3	5.9	1.7	−0.6	0.1
25	3.3	7.8	12.7	17.0	19.5	19.6	17.7	14.7	11.3	7.8	5.5	5.8
Su	8.6	12.4	16.1	19.0	20.3	19.4	16.6	12.5	8.0	3.4	−0.3	−1.3
26	1.0	5.5	10.6	15.5	19.1	20.5	19.4	16.5	12.7	8.8	5.5	4.1
M	5.8	9.8	14.2	17.9	20.3	20.7	18.8	15.0	10.3	5.4	1.1	−1.5
27	−1.0	2.9	8.4	13.7	18.1	20.6	20.8	18.5	14.6	10.3	6.3	3.6
Tu	3.5	6.6	11.5	16.1	19.5	21.1	20.5	17.5	12.9	7.8	3.0	−0.5
28	−1.7	0.6	5.8	11.7	16.6	20.1	21.4	20.3	16.9	12.3	7.8	4.2
W	2.4	3.6	7.9	13.3	17.7	20.3	21.0	19.5	15.8	10.7	5.5	1.4
29	−1.0	−0.6	3.3	9.2	14.9	19.0	21.3	21.3	19.0	14.8	9.9	5.6
Th	2.7	2.0	4.5	9.5	14.8	18.6	20.4	20.3	18.0	13.7	8.6	4.0
30	0.8	−0.3	1.6	6.5	12.6	17.5	20.5	21.6	20.5	17.2	12.5	7.7
F	4.0	2.0	2.4	5.7	10.9	15.6	18.6	19.7	19.0	16.2	11.9	7.2
31	3.4	1.4	1.6	4.5	9.8	15.3	19.2	21.1	21.0	19.0	15.3	10.5
Sa	6.2	3.2	2.1	3.2	6.8	11.6	15.6	17.8	18.5	17.4	14.6	10.6

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 60° 41′N Long. 151° 24′W

FEBRUARY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	6.7	4.0	3.1	4.1	7.5	12.5	17.1	19.9	20.8	20.0	17.5	13.6
Su	9.2	5.5	3.3	2.6	3.9	7.3	11.5	14.7	16.5	16.9	16.0	13.6
2	10.3	7.3	5.5	5.3	6.6	9.8	14.2	17.8	19.7	20.0	18.9	16.3
M	12.6	8.7	5.7	3.8	3.1	4.1	7.0	10.5	13.2	14.9	15.6	15.2
3	13.4	10.9	8.7	7.5	7.4	8.5	11.2	14.7	17.5	18.9	19.1	18.1
Tu	15.8	12.5	9.1	6.3	4.3	3.2	3.6	5.9	8.9	11.5	13.6	15.0
4	15.2	14.1	12.2	10.4	9.3	8.8	9.2	11.3	14.2	16.7	18.1	18.6
W	18.0	16.1	13.1	9.9	7.0	4.4	2.5	2.3	4.2	7.2	10.2	13.0
5	15.2	16.1	15.4	13.8	12.0	10.4	9.1	8.8	10.4	13.1	15.7	17.6
Th	18.8	18.8	17.1	14.2	10.7	7.3	3.8	1.1	0.6	2.5	5.9	9.7
6	13.4	16.4	17.6	17.0	15.2	12.9	10.4	8.2	7.4	8.8	11.8	15.0
F	17.8	19.7	20.0	18.4	15.1	11.1	6.8	2.5	−0.8	−1.3	1.2	5.4
7	10.2	14.9	18.2	19.4	18.4	15.9	12.8	9.4	6.4	5.4	7.2	10.9
Sa	15.0	18.7	21.1	21.5	19.4	15.6	10.9	5.7	0.7	−2.7	−2.6	0.8
8	6.1	11.8	17.0	20.3	20.9	19.1	15.8	11.7	7.4	4.0	3.3	6.0
Su	10.7	15.7	20.0	22.5	22.5	19.9	15.4	9.8	4.0	−1.3	−4.1	−3.0
9	1.7	7.9	14.2	19.4	22.1	21.9	19.1	14.8	9.9	5.0	1.7	1.8
M	5.5	11.1	16.8	21.3	23.5	22.9	19.5	14.3	8.3	2.2	−2.8	−4.7
10	−2.1	3.7	10.6	16.9	21.5	23.3	22.0	18.2	13.1	7.6	2.6	−0.1
Tu	1.1	5.9	12.1	17.9	22.2	23.8	22.5	18.4	12.7	6.5	0.6	−3.5
11	−3.9	0.0	6.6	13.6	19.4	23.0	23.7	21.3	16.6	11.0	5.3	0.8
W	−1.0	1.4	6.9	13.3	18.7	22.4	23.3	21.2	16.7	10.8	4.9	−0.2
12	−3.0	−1.9	3.1	9.9	16.3	21.1	23.6	23.0	19.7	14.6	8.8	3.5
Th	−0.2	−0.9	2.4	8.2	14.1	18.9	21.8	22.0	19.4	14.7	9.2	4.0
13	0.0	−1.3	1.1	6.6	12.9	18.3	21.9	23.1	21.6	17.7	12.4	7.1
F	2.6	−0.2	0.2	4.0	9.4	14.5	18.4	20.4	20.1	17.4	12.9	8.1
14	4.0	1.4	1.4	4.5	9.9	15.1	19.1	21.5	21.8	19.6	15.5	10.7
Sa	6.2	2.6	0.8	1.8	5.4	10.1	14.1	17.1	18.6	18.1	15.5	11.7
15	7.9	5.2	3.7	4.5	7.7	12.3	16.2	18.9	20.3	19.9	17.5	13.7
Su	9.6	6.1	3.5	2.3	3.4	6.4	10.0	13.1	15.5	16.7	16.3	14.2
16	11.3	8.8	7.1	6.4	7.3	10.1	13.5	16.1	17.8	18.6	17.9	15.8
M	12.6	9.5	6.9	4.8	3.8	4.5	6.7	9.3	11.6	13.8	15.1	15.1
17	13.7	11.8	10.3	9.2	8.7	9.3	11.3	13.6	15.2	16.3	16.9	16.5
Tu	14.8	12.4	10.1	8.1	6.1	4.7	4.8	6.2	8.0	10.1	12.4	14.2
18	14.8	14.1	13.0	12.0	11.0	10.1	10.2	11.4	12.7	13.9	14.9	15.8
W	15.8	14.7	13.0	11.1	9.0	6.6	4.7	4.3	5.2	6.8	9.1	12.0
19	14.3	15.4	15.1	14.3	13.3	11.9	10.4	9.9	10.5	11.5	12.7	14.3
Th	15.6	16.1	15.3	13.7	11.8	9.3	6.3	3.8	3.2	4.1	6.1	9.1
20	12.5	15.3	16.5	16.3	15.3	13.8	11.6	9.5	8.7	9.3	10.6	12.3
F	14.5	16.3	16.9	16.1	14.2	11.7	8.5	4.9	2.4	2.1	3.5	6.3
21	10.1	14.0	16.8	17.8	17.1	15.4	13.1	10.2	7.7	7.1	8.3	10.3
Sa	12.9	15.7	17.7	18.0	16.6	14.0	10.8	6.8	3.0	0.9	1.4	3.9
22	7.7	12.1	16.2	18.5	18.7	17.1	14.5	11.3	7.9	5.7	5.8	8.0
Su	11.1	14.4	17.5	19.1	18.7	16.4	12.9	8.9	4.5	0.9	−0.2	1.7
23	5.5	10.2	14.9	18.5	19.9	18.9	16.2	12.6	8.8	5.3	3.8	5.2
M	8.6	12.7	16.5	19.3	20.2	18.7	15.3	11.0	6.4	2.0	−0.7	−0.2
24	3.3	8.2	13.4	17.8	20.4	20.5	18.1	14.3	10.0	5.8	2.8	2.6
Tu	5.5	10.2	14.8	18.6	20.8	20.5	17.8	13.5	8.6	3.8	0.0	−1.3
25	1.0	6.0	11.7	16.7	20.3	21.5	20.1	16.4	11.7	7.0	3.0	1.0
W	2.3	6.7	12.2	17.0	20.3	21.5	20.0	16.3	11.2	6.1	1.7	−1.0
26	−0.6	3.5	9.6	15.3	19.6	21.9	21.6	18.7	14.1	8.8	4.1	0.8
Th	0.1	3.0	8.6	14.4	18.8	21.2	21.3	18.8	14.3	8.9	4.0	0.5
27	−0.7	1.5	6.9	13.3	18.5	21.6	22.4	20.7	16.7	11.4	6.0	1.8
F	−0.5	0.2	4.4	10.5	16.0	19.7	21.2	20.3	17.1	12.3	7.1	2.9
28	0.5	0.8	4.4	10.5	16.5	20.7	22.5	21.9	19.0	14.3	8.8	3.8
Sa	0.5	−0.7	1.2	6.1	12.1	16.9	19.6	20.3	18.8	15.3	10.6	6.0

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

NIKISKI, ALASKA, 2009

Lat. 60° 41′N Long. 151° 24′W

MARCH

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	2.8	1.7	3.2	7.6	13.7	18.8	21.6	22.2	20.6	17.1	12.1	6.9
Su	2.7	0.2	0.0	2.5	7.4	12.8	16.7	18.7	18.9	17.1	13.8	9.6
2	6.0	3.9	3.8	6.0	10.5	15.8	19.7	21.4	21.0	19.0	15.2	10.5
M	6.0	2.6	0.9	1.1	3.7	8.1	12.5	15.6	17.1	17.3	15.8	12.9
3	9.5	6.9	5.8	6.1	8.3	12.3	16.5	19.3	20.2	19.6	17.5	14.1
Tu	9.9	6.2	3.5	2.1	2.1	4.2	7.8	11.4	13.9	15.5	15.9	15.0
4	12.9	10.4	8.6	7.8	8.0	9.6	12.7	16.0	18.0	18.7	18.3	16.6
W	13.9	10.4	7.3	4.9	3.2	2.5	3.8	6.7	9.7	12.2	14.2	15.4
5	15.2	13.8	11.9	10.4	9.3	8.8	9.6	11.9	14.5	16.3	17.4	17.6
Th	16.7	14.6	11.7	8.8	6.1	3.6	2.1	2.7	5.1	8.1	11.1	13.9
6	15.8	16.3	15.3	13.6	11.7	9.9	8.4	8.4	10.1	12.6	14.8	16.7
F	17.9	17.7	16.0	13.2	10.0	6.6	3.2	0.9	1.2	3.6	7.1	10.9
7	14.6	17.2	17.9	16.8	14.7	12.1	9.2	6.8	6.3	8.0	10.9	14.0
Sa	17.0	18.9	19.2	17.5	14.4	10.5	6.2	1.9	−0.6	−0.2	2.8	7.1
8	12.0	16.4	19.1	19.6	17.9	15.0	11.4	7.5	4.4	3.9	6.2	10.0
Su	14.1	18.0	20.4	20.6	18.5	14.7	10.1	5.0	0.3	−2.1	−0.8	3.2
9	8.5	14.1	18.7	21.1	20.8	18.2	14.2	9.6	4.9	1.8	1.9	5.1
M	10.0	15.1	19.5	21.9	21.6	18.7	14.2	8.8	3.2	−1.3	−2.8	−0.4
10	4.8	10.9	16.8	21.1	22.5	21.1	17.4	12.5	7.2	2.2	−0.5	0.7
Tu	5.1	10.9	16.6	21.0	22.8	21.7	18.0	12.9	7.1	1.5	−2.3	−2.5
11	1.4	7.5	14.0	19.6	22.9	23.1	20.4	15.7	10.2	4.5	−0.2	−1.9
W	0.6	6.1	12.4	18.1	21.9	23.0	20.9	16.6	11.1	5.3	0.3	−2.3
12	−0.9	4.2	10.8	17.0	21.7	23.7	22.6	18.8	13.4	7.6	2.1	−1.8
Th	−2.2	1.6	7.7	14.0	19.2	22.2	22.3	19.5	14.7	9.2	4.0	0.0
13	−1.1	1.8	7.6	14.1	19.4	22.7	23.4	21.1	16.5	10.9	5.2	0.4
F	−2.3	−1.3	3.3	9.5	15.3	19.6	21.6	20.9	17.6	12.8	7.7	3.4
14	0.7	1.1	5.1	11.0	16.6	20.6	22.6	22.0	18.9	14.0	8.6	3.6
Sa	−0.2	−1.6	0.5	5.4	11.0	15.8	19.1	20.4	19.1	15.6	11.2	6.9
15	3.8	2.5	4.0	8.4	13.7	18.0	20.7	21.4	20.0	16.5	11.7	6.9
Su	3.0	0.4	0.0	2.6	7.2	11.9	15.6	18.0	18.7	17.2	14.0	10.3
16	7.1	5.1	4.8	6.9	11.0	15.2	18.1	19.6	19.5	17.7	14.3	10.1
M	6.3	3.5	1.7	1.9	4.5	8.3	11.8	14.6	16.5	17.0	15.6	13.0
17	10.2	8.1	7.0	7.2	9.3	12.6	15.5	17.2	17.9	17.5	15.7	12.8
Tu	9.5	6.7	4.7	3.4	3.6	5.7	8.5	11.1	13.3	15.0	15.6	14.7
18	12.8	10.9	9.6	8.9	9.0	10.6	12.9	14.6	15.6	16.0	15.8	14.5
W	12.3	9.8	7.8	6.1	4.8	4.6	5.9	7.9	9.9	12.0	13.9	14.9
19	14.6	13.4	12.1	11.1	10.2	9.9	10.7	12.1	13.2	13.9	14.6	14.9
Th	14.2	12.6	10.8	9.0	7.2	5.4	4.7	5.4	6.9	8.8	11.2	13.6
20	15.1	15.2	14.4	13.3	12.0	10.5	9.5	9.7	10.7	11.7	12.8	14.1
F	15.0	14.8	13.5	11.8	9.8	7.5	5.1	4.0	4.5	6.1	8.4	11.4
21	14.3	16.1	16.3	15.3	13.8	11.9	9.7	8.2	8.2	9.2	10.7	12.6
Sa	14.6	15.9	15.8	14.4	12.3	9.8	6.7	3.9	2.9	3.8	5.9	9.0
22	12.7	15.9	17.5	17.2	15.7	13.4	10.7	7.8	6.2	6.6	8.3	10.6
Su	13.4	16.0	17.3	16.8	14.8	12.1	8.7	5.1	2.4	2.0	3.8	6.9
23	10.8	14.9	17.8	18.8	17.6	15.1	11.9	8.4	5.3	4.2	5.5	8.3
M	11.6	15.1	17.8	18.6	17.3	14.5	10.9	6.9	3.2	1.1	1.8	4.9
24	9.0	13.5	17.5	19.6	19.4	17.0	13.5	9.5	5.5	2.7	2.6	5.3
Tu	9.3	13.5	17.2	19.5	19.4	17.1	13.3	9.0	4.8	1.4	0.4	2.7
25	7.2	12.1	16.7	19.9	20.8	19.1	15.5	11.0	6.4	2.5	0.5	1.9
W	6.0	11.1	15.8	19.3	20.7	19.5	16.1	11.5	6.9	2.8	0.3	0.9
26	4.9	10.4	15.6	19.6	21.6	21.0	17.9	13.1	8.0	3.3	−0.1	−0.8
Th	2.1	7.6	13.3	17.9	20.8	21.1	18.8	14.5	9.5	4.9	1.4	0.2
27	2.5	7.9	13.9	18.9	21.8	22.4	20.2	15.8	10.3	4.9	0.6	−2.0
F	−1.1	3.3	9.6	15.4	19.5	21.4	20.7	17.5	12.7	7.7	3.5	1.0
28	1.2	5.1	11.3	17.2	21.3	22.9	22.0	18.6	13.4	7.6	2.4	−1.4
Sa	−2.7	−0.5	5.0	11.6	16.9	20.2	21.2	19.7	16.0	11.1	6.3	2.9
29	1.5	3.2	8.0	14.4	19.6	22.5	22.9	20.8	16.6	11.0	5.3	0.7
Su	−2.2	−2.4	0.9	6.8	13.0	17.5	20.0	20.3	18.3	14.4	9.8	5.8
30	3.3	3.0	5.5	10.8	16.6	20.8	22.5	21.9	19.2	14.7	9.2	4.0
M	0.2	−1.8	−1.3	2.4	8.1	13.5	17.2	19.0	19.0	16.9	13.3	9.3
31	6.1	4.5	4.8	7.7	12.7	17.6	20.6	21.4	20.4	17.5	13.2	8.2
Tu	3.8	0.7	−0.7	0.1	3.7	8.6	13.1	16.1	17.6	17.6	15.9	12.8

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 60° 41′N Long. 151° 24′W

APRIL

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	9.5	7.2	6.1	6.6	9.2	13.4	17.3	19.4	19.8	18.8	16.2	12.5
W	8.3	4.6	2.1	0.8	1.4	4.3	8.3	11.9	14.6	16.3	16.7	15.5
2	13.1	10.5	8.6	7.6	7.7	9.6	12.9	15.8	17.5	18.0	17.5	15.7
Th	12.7	9.3	6.2	3.7	2.0	1.9	4.1	7.4	10.6	13.3	15.5	16.5
3	15.9	14.0	11.9	10.0	8.4	7.7	8.8	11.3	13.7	15.5	16.7	17.0
F	16.0	13.7	10.8	7.8	4.9	2.5	1.8	3.3	6.2	9.5	12.8	15.6
4	17.1	16.9	15.3	13.1	10.7	8.3	6.7	7.1	9.1	11.6	14.0	16.1
Sa	17.4	17.0	15.1	12.3	9.0	5.5	2.3	1.1	2.4	5.4	9.1	13.2
5	16.6	18.5	18.2	16.4	13.7	10.4	7.0	4.7	4.8	6.9	9.9	13.3
Su	16.5	18.4	18.3	16.4	13.2	9.4	5.2	1.6	0.3	1.9	5.4	9.9
6	14.6	18.4	20.0	19.4	16.9	13.3	9.1	4.9	2.3	2.6	5.3	9.3
M	13.7	17.5	19.7	19.4	17.1	13.4	9.0	4.2	0.6	−0.2	2.2	6.6
7	11.8	16.8	20.4	21.4	19.8	16.4	11.9	6.9	2.3	−0.1	1.0	4.7
Tu	9.7	14.8	19.0	20.8	20.0	17.0	12.7	7.8	3.0	−0.2	0.0	3.5
8	8.7	14.4	19.2	22.0	21.9	19.2	14.9	9.7	4.3	−0.2	−1.7	0.5
W	5.3	11.0	16.4	20.3	21.4	19.8	16.1	11.4	6.4	1.9	−0.3	1.2
9	5.8	11.6	17.1	21.3	22.8	21.5	17.7	12.6	7.1	1.7	−2.1	−2.4
Th	1.1	6.8	12.8	18.0	21.1	21.4	18.9	14.7	9.9	5.1	1.4	0.5
10	3.4	8.8	14.6	19.5	22.4	22.6	20.1	15.5	10.1	4.5	−0.3	−3.0
F	−1.9	2.7	8.8	14.6	19.1	21.3	20.6	17.5	13.0	8.4	4.2	1.6
11	2.1	6.2	11.8	17.1	20.9	22.5	21.5	18.0	12.9	7.5	2.5	−1.5
Sa	−2.8	−0.4	4.9	10.8	16.0	19.6	20.8	19.3	15.8	11.4	7.3	4.0
12	2.6	4.4	9.1	14.4	18.7	21.2	21.6	19.6	15.6	10.5	5.5	1.2
Su	−1.6	−1.6	1.8	7.1	12.4	16.7	19.3	19.8	17.8	14.3	10.2	6.7
13	4.4	4.2	6.9	11.6	16.1	19.2	20.5	20.0	17.4	13.3	8.5	4.3
M	1.0	−0.7	0.2	4.0	8.9	13.3	16.6	18.5	18.4	16.3	13.0	9.5
14	6.9	5.5	6.1	9.1	13.3	16.7	18.6	19.1	18.1	15.3	11.4	7.4
Tu	4.0	1.6	0.8	2.2	5.8	9.9	13.3	15.9	17.4	17.1	15.1	12.2
15	9.5	7.7	6.9	7.9	10.6	13.9	16.3	17.3	17.4	16.2	13.7	10.4
W	7.1	4.6	2.9	2.4	3.9	6.9	10.1	12.8	14.9	16.3	16.1	14.4
16	12.1	10.0	8.7	8.2	9.0	11.2	13.6	15.0	15.7	15.8	14.9	12.9
Th	10.1	7.6	5.6	4.2	3.7	4.9	7.3	9.7	12.0	14.1	15.6	15.6
17	14.3	12.5	10.8	9.6	8.9	9.3	10.8	12.5	13.5	14.3	14.7	14.3
F	12.8	10.6	8.5	6.7	5.2	4.4	5.2	7.1	9.2	11.4	13.8	15.5
18	15.8	14.8	13.1	11.5	9.9	8.7	8.6	9.7	11.0	12.2	13.4	14.4
Sa	14.4	13.3	11.4	9.4	7.4	5.4	4.4	4.9	6.7	9.0	11.6	14.3
19	16.1	16.5	15.3	13.5	11.4	9.3	7.5	7.1	8.2	9.8	11.5	13.4
Su	14.9	15.3	14.1	12.1	9.8	7.4	5.0	3.8	4.6	6.8	9.5	12.6
20	15.5	17.3	17.3	15.6	13.2	10.5	7.7	5.6	5.4	6.9	9.1	11.7
M	14.3	16.1	16.3	14.9	12.4	9.6	6.7	4.1	3.3	4.7	7.5	10.9
21	14.4	17.4	18.6	17.7	15.2	12.0	8.6	5.3	3.3	3.7	6.1	9.3
Tu	12.8	15.9	17.6	17.3	15.1	12.0	8.7	5.5	3.1	3.0	5.5	9.2
22	13.2	16.9	19.3	19.5	17.5	13.9	9.9	5.9	2.6	1.1	2.6	6.2
W	10.5	14.6	17.7	18.9	17.8	14.8	11.1	7.4	4.2	2.4	3.5	7.1
23	11.8	16.1	19.4	20.8	19.7	16.4	11.9	7.3	3.0	−0.1	−0.5	2.3
Th	7.2	12.3	16.6	19.4	19.8	17.7	14.0	9.8	6.0	3.1	2.3	4.7
24	9.5	14.7	18.9	21.4	21.5	19.1	14.6	9.4	4.4	0.2	−2.2	−1.3
F	3.0	8.8	14.3	18.5	20.6	20.0	17.1	12.9	8.4	4.7	2.4	2.8
25	6.6	12.3	17.6	21.2	22.6	21.4	17.8	12.5	6.8	1.7	−2.1	−3.5
Sa	−1.2	4.3	10.7	16.1	19.8	21.0	19.7	16.1	11.6	7.2	3.9	2.4
26	4.0	8.9	15.0	19.9	22.6	22.9	20.6	16.1	10.3	4.6	−0.3	−3.5
Su	−3.8	−0.3	5.9	12.4	17.4	20.3	20.9	18.9	15.0	10.4	6.4	3.6
27	3.0	5.7	11.1	17.0	21.2	23.0	22.3	19.3	14.4	8.5	3.0	−1.4
M	−3.9	−3.2	1.1	7.5	13.5	17.8	20.2	20.2	17.9	14.0	9.6	6.0
28	3.9	4.0	7.3	12.9	18.1	21.4	22.4	21.2	17.8	12.9	7.3	2.2
Tu	−1.5	−3.3	−2.0	2.6	8.6	13.9	17.6	19.5	19.3	17.0	13.3	9.3
29	6.2	4.6	5.2	8.6	13.7	18.1	20.6	21.1	19.8	16.5	11.9	6.8
W	2.4	−0.8	−2.1	−0.5	3.8	9.1	13.7	16.9	18.6	18.4	16.3	13.0
30	9.5	6.9	5.5	6.1	9.2	13.5	17.0	19.0	19.5	18.4	15.6	11.6
Th	7.2	3.4	0.6	−0.6	0.8	4.6	9.1	13.0	16.0	17.9	17.9	16.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

NIKISKI, ALASKA, 2009

Lat. 60° 41′N Long. 151° 24′W

MAY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	13.2	10.2	7.8	6.2	6.4	8.8	12.3	15.1	17.0	17.9	17.4	15.3
F	11.9	8.2	4.9	2.2	0.8	1.7	4.8	8.7	12.3	15.4	17.5	17.9
2	16.5	13.9	11.0	8.4	6.4	5.9	7.6	10.4	13.0	15.2	16.7	16.9
Sa	15.5	12.8	9.6	6.4	3.5	1.7	2.2	4.8	8.3	11.9	15.4	17.8
3	18.4	17.1	14.6	11.7	8.6	5.8	4.7	5.8	8.2	11.0	13.8	16.1
Su	17.1	16.2	13.9	10.9	7.6	4.3	2.1	2.3	4.8	8.3	12.2	16.0
4	18.7	19.3	17.8	15.1	11.7	7.9	4.4	2.8	3.8	6.3	9.7	13.3
M	16.3	17.7	17.1	14.8	11.7	8.2	4.5	2.2	2.5	5.1	9.0	13.3
5	17.3	19.8	20.1	18.2	14.9	10.9	6.4	2.5	0.9	2.1	5.2	9.3
Tu	13.6	17.1	18.6	17.8	15.3	12.0	8.1	4.3	2.1	2.9	6.1	10.4
6	15.0	18.9	20.9	20.4	17.8	13.9	9.4	4.4	0.4	-0.7	1.2	5.1
W	9.9	14.7	18.2	19.3	18.1	15.2	11.6	7.5	3.8	2.3	3.9	7.7
7	12.4	17.0	20.4	21.5	20.1	16.6	12.2	7.2	2.2	-1.4	-1.6	1.2
Th	5.9	11.3	16.2	19.2	19.7	17.8	14.6	10.7	6.7	3.5	2.9	5.4
8	9.9	14.6	18.9	21.4	21.4	18.9	14.8	10.0	4.9	0.1	-2.5	-1.6
F	2.3	7.6	13.1	17.6	19.9	19.5	17.1	13.5	9.6	5.8	3.4	3.9
9	7.4	12.2	16.8	20.2	21.6	20.5	17.1	12.6	7.6	2.7	-1.4	-2.8
Sa	-0.6	4.2	9.7	14.9	18.7	20.1	18.9	15.9	12.2	8.4	5.2	3.8
10	5.4	9.7	14.4	18.4	20.8	21.1	19.0	15.0	10.2	5.4	1.0	-2.1
Su	-2.2	1.1	6.4	11.8	16.4	19.3	19.8	18.0	14.7	10.9	7.5	4.9
11	4.6	7.2	11.8	16.1	19.2	20.6	19.9	17.1	12.9	8.1	3.7	0.0
M	-2.0	-0.9	3.3	8.5	13.4	17.2	19.3	19.1	16.8	13.4	9.8	6.8
12	5.1	5.7	9.1	13.5	17.1	19.3	19.8	18.4	15.3	10.9	6.5	2.6
Tu	-0.3	-1.1	1.0	5.4	10.3	14.4	17.4	18.8	18.2	15.6	12.2	9.0
13	6.6	5.6	7.0	10.6	14.5	17.3	18.6	18.5	16.8	13.6	9.4	5.4
W	2.3	0.2	0.2	2.9	7.2	11.4	14.8	17.2	18.2	17.2	14.6	11.4
14	8.6	6.8	6.4	8.1	11.5	14.7	16.7	17.5	17.2	15.4	12.2	8.4
Th	5.1	2.6	1.2	1.8	4.6	8.5	12.0	14.8	16.8	17.5	16.3	13.8
15	10.9	8.6	7.2	7.1	8.9	11.8	14.3	15.7	16.2	15.9	14.2	11.4
F	8.1	5.3	3.3	2.4	3.2	5.9	9.3	12.2	14.6	16.5	17.0	15.8
16	13.4	10.8	8.8	7.6	7.4	8.9	11.3	13.3	14.4	15.1	15.0	13.6
Sa	11.1	8.2	5.9	4.3	3.5	4.3	6.8	9.8	12.3	14.6	16.4	16.8
17	15.5	13.2	10.8	8.9	7.4	7.1	8.3	10.3	12.1	13.4	14.4	14.6
Su	13.5	11.3	8.8	6.7	5.1	4.3	5.1	7.4	10.2	12.7	15.0	16.7
18	17.0	15.5	13.1	10.6	8.4	6.6	6.0	7.1	9.1	11.1	12.9	14.4
M	14.9	13.9	11.8	9.4	7.3	5.6	4.7	5.6	8.0	10.9	13.5	15.9
19	17.5	17.3	15.5	12.8	9.9	7.3	5.1	4.4	5.8	8.1	10.6	13.0
Tu	15.0	15.6	14.6	12.4	9.8	7.6	5.6	4.8	6.0	8.9	12.0	14.9
20	17.3	18.5	17.7	15.2	11.9	8.6	5.4	3.1	2.7	4.5	7.6	10.8
W	13.9	16.1	16.7	15.3	12.7	9.9	7.4	5.4	4.8	6.6	10.1	13.6
21	16.7	18.9	19.4	17.8	14.5	10.5	6.6	3.1	0.8	1.0	3.8	7.7
Th	11.8	15.3	17.6	17.7	15.8	12.8	9.6	6.8	4.9	4.9	7.5	11.6
22	15.7	18.8	20.5	20.0	17.4	13.2	8.6	4.2	0.6	-1.3	-0.2	3.6
F	8.6	13.3	17.0	18.9	18.4	15.9	12.4	9.0	6.1	4.4	5.2	8.8
23	13.6	17.8	20.7	21.6	20.2	16.5	11.6	6.5	1.8	-1.8	-3.0	-0.8
Sa	4.2	9.9	15.0	18.6	19.9	18.8	15.7	11.8	8.1	5.3	4.0	5.7
24	10.2	15.5	19.7	22.1	22.2	19.8	15.4	9.9	4.4	-0.3	-3.6	-4.0
Su	-0.6	5.3	11.5	16.6	19.8	20.5	18.7	15.1	11.0	7.2	4.5	3.8
25	6.4	11.7	17.2	21.1	22.9	22.2	19.1	14.1	8.3	2.7	-1.9	-4.7
M	-4.1	0.3	6.8	13.0	17.7	20.4	20.6	18.3	14.4	10.1	6.3	3.9
26	3.9	7.3	13.0	18.3	21.8	23.0	21.7	18.2	12.9	7.0	1.5	-2.8
Tu	-5.0	-3.5	1.7	8.2	14.1	18.4	20.6	20.3	17.8	13.7	9.3	5.7
27	3.6	4.2	8.1	13.8	18.6	21.6	22.3	20.8	17.1	11.9	6.2	0.9
W	-2.9	-4.4	-2.2	3.2	9.5	14.8	18.7	20.5	19.9	17.1	13.0	8.8
28	5.4	3.6	4.6	8.7	13.9	18.1	20.6	21.2	19.7	16.2	11.2	5.8
Th	1.1	-2.3	-3.1	-0.6	4.7	10.4	15.2	18.6	20.1	19.4	16.6	12.6
29	8.6	5.4	3.8	4.9	8.7	13.2	16.9	19.1	19.8	18.5	15.3	10.8
F	6.0	1.9	-0.9	-1.5	1.2	5.9	10.9	15.2	18.4	19.8	19.0	16.2
30	12.4	8.7	5.7	4.1	4.9	8.1	11.9	15.1	17.3	18.3	17.5	14.8
Sa	10.9	6.8	3.3	0.8	0.3	2.7	6.9	11.3	15.2	18.2	19.5	18.7
31	16.1	12.6	9.1	6.0	4.1	4.4	6.9	10.2	13.1	15.6	17.0	16.8
Su	14.6	11.4	8.0	4.9	2.5	2.0	4.0	7.6	11.5	15.2	18.1	19.5

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 60° 41′N Long. 151° 24′W

JUNE

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1 M	18.7 16.5	16.1 14.9	12.8 12.2	9.3 9.3	5.9 6.3	3.6 3.9	3.5 3.3	5.4 5.0	8.3 8.3	11.4 11.9	14.3 15.5	16.3 18.4
2 Tu	19.6 16.1	18.7 16.7	16.2 15.4	12.9 13.1	9.2 10.4	5.4 7.4	2.6 4.9	2.2 4.2	3.9 5.8	6.8 8.9	10.2 12.5	13.6 16.1
3 W	18.9 13.8	19.9 16.5	18.8 17.2	16.1 16.0	12.6 13.8	8.5 11.1	4.3 8.0	1.3 5.4	0.9 4.8	2.7 6.6	5.9 9.8	9.8 13.4
4 Th	17.0 10.4	19.5 14.6	20.0 17.3	18.5 17.8	15.4 16.4	11.6 14.1	7.3 11.2	2.9 8.0	−0.1 5.6	−0.2 5.4	2.2 7.5	5.9 10.9
5 F	14.6 6.8	18.0 11.7	20.0 15.9	19.9 18.2	17.7 18.2	14.3 16.4	10.2 13.8	5.6 10.8	1.2 7.6	−1.2 5.5	−0.6 5.9	2.5 8.6
6 Sa	12.3 3.6	16.0 8.5	19.0 13.4	20.3 17.2	19.3 18.9	16.5 18.2	12.7 16.0	8.4 13.1	3.7 9.9	−0.3 6.8	−1.9 5.4	−0.2 6.7
7 Su	10.0 0.9	13.9 5.4	17.4 10.5	19.7 15.2	20.1 18.4	18.4 19.2	15.0 17.9	10.8 15.1	6.3 12.0	1.9 8.7	−1.5 6.0	−1.9 5.4
8 M	7.7 −1.2	11.5 2.6	15.4 7.6	18.4 12.6	20.0 16.8	19.6 19.1	17.1 19.1	13.2 17.1	8.8 14.0	4.4 10.6	0.3 7.4	−2.1 5.3
9 Tu	5.8 −2.0	8.9 0.2	13.1 4.7	16.7 9.8	19.1 14.4	19.9 17.9	18.7 19.4	15.6 18.7	11.3 16.1	6.8 12.6	2.6 9.2	−0.8 6.3
10 W	5.0 −1.2	6.5 −1.1	10.2 2.0	14.4 7.0	17.5 11.8	19.3 15.8	19.3 18.5	17.5 19.3	13.9 17.9	9.5 14.8	5.1 11.2	1.3 7.9
11 Th	5.6 0.6	5.1 −0.9	7.4 0.3	11.5 4.2	15.3 9.1	17.8 13.4	18.9 16.8	18.5 18.8	16.1 18.9	12.3 16.9	7.8 13.5	3.8 9.9
12 F	7.0 3.0	5.2 0.7	5.6 0.1	8.4 2.2	12.4 6.4	15.6 10.9	17.6 14.6	18.2 17.3	17.3 18.7	14.7 18.1	10.8 15.8	6.5 12.3
13 Sa	8.9 5.8	6.4 3.0	5.3 1.4	6.2 1.6	9.1 4.2	12.8 8.4	15.4 12.4	16.9 15.4	17.2 17.5	16.1 18.3	13.4 17.3	9.6 14.7
14 Su	11.2 8.9	8.2 5.8	6.2 3.6	5.4 2.7	6.6 3.4	9.4 6.2	12.6 10.0	14.7 13.4	15.9 15.9	16.1 17.6	15.0 17.9	12.4 16.6
15 M	13.8 11.9	10.5 8.9	7.8 6.3	6.0 4.7	5.4 4.1	6.5 5.1	9.1 7.8	11.9 11.3	13.8 14.3	14.9 16.4	15.3 17.6	14.3 17.6
16 Tu	16.0 14.1	13.1 12.0	10.0 9.4	7.4 7.3	5.7 5.9	4.9 5.4	5.9 6.4	8.4 9.1	10.9 12.3	12.8 15.0	14.3 16.8	14.9 17.9
17 W	17.5 15.1	15.6 14.5	12.6 12.6	9.4 10.2	6.8 8.3	4.8 6.9	3.8 6.3	4.8 7.3	7.3 10.0	9.9 13.1	12.2 15.7	14.1 17.5
18 Th	18.4 14.6	17.7 15.8	15.4 15.4	12.1 13.5	8.7 11.1	5.8 9.0	3.4 7.4	2.3 6.7	3.4 7.7	6.2 10.6	9.3 13.9	12.2 16.7
19 F	18.5 12.8	19.2 15.7	18.1 17.0	15.2 16.4	11.5 14.2	7.7 11.6	4.3 9.2	1.5 7.3	0.5 6.5	2.0 7.8	5.3 11.1	9.2 14.8
20 Sa	17.9 9.7	19.8 14.0	20.1 17.1	18.4 18.3	15.0 17.3	10.6 14.7	6.3 11.7	2.5 8.9	−0.5 6.7	−1.3 5.9	0.9 7.7	5.1 11.6
21 Su	15.9 5.5	19.2 10.9	21.1 15.6	21.0 18.6	18.6 19.4	14.5 17.9	9.6 14.8	4.8 11.3	0.5 8.1	−2.6 5.6	−2.8 5.1	0.3 7.6
22 M	12.3 0.5	17.0 6.5	20.5 12.4	22.2 17.2	21.6 20.0	18.6 20.2	13.9 18.1	8.5 14.5	3.2 10.5	−1.4 6.8	−4.3 4.3	−3.7 4.3
23 Tu	7.7 −3.7	13.0 1.4	18.0 8.0	21.5 14.1	23.0 18.7	21.8 21.0	18.3 20.6	13.1 17.9	7.2 13.8	1.7 9.4	−3.0 5.5	−5.3 3.1
24 W	3.8 −5.5	7.9 −2.9	13.7 3.0	18.8 9.7	22.1 15.6	23.1 19.8	21.6 21.6	17.7 20.7	12.1 17.4	6.1 12.9	0.4 8.2	−4.0 4.2
25 Th	2.2 −4.2	3.6 −4.8	8.3 −1.3	14.1 4.9	19.0 11.5	22.0 16.9	22.8 20.6	20.9 21.8	16.8 20.3	11.1 16.6	5.1 11.8	−0.3 7.1
26 F	3.3 −0.4	1.7 −3.4	3.7 −3.2	8.6 0.9	14.1 7.0	18.6 13.0	21.3 17.8	21.8 20.9	19.9 21.6	15.7 19.7	10.1 15.7	4.5 10.9
27 Sa	6.3 4.5	2.9 0.4	1.8 −1.8	4.0 −0.9	8.6 3.3	13.6 8.9	17.5 14.1	19.9 18.3	20.4 20.8	18.5 21.1	14.5 18.8	9.5 14.9
28 Su	10.3 9.3	6.1 5.2	3.0 2.0	2.1 0.4	4.2 1.7	8.3 5.6	12.5 10.4	15.9 14.8	18.2 18.3	18.8 20.4	17.1 20.3	13.6 18.0
29 M	14.2 13.2	10.1 9.7	6.3 6.5	3.4 4.0	2.4 2.8	4.1 4.0	7.5 7.4	11.0 11.4	14.1 15.0	16.5 18.0	17.3 19.8	16.0 19.5
30 Tu	17.3 15.4	13.8 13.3	10.2 10.7	6.7 8.2	3.7 6.1	2.5 4.9	3.7 5.9	6.3 8.6	9.4 11.9	12.4 15.0	15.0 17.6	16.1 19.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

NIKISKI, ALASKA, 2009

Lat. 60° 41′N Long. 151° 24′W

JULY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	18.8	16.8	13.7	10.4	6.9	3.8	2.2	2.9	5.1	8.0	11.2	14.1
W	15.7	15.5	14.0	12.0	9.9	7.7	6.4	7.1	9.3	12.0	14.8	17.3
2	18.8	18.4	16.5	13.7	10.4	6.8	3.4	1.5	2.0	4.1	7.1	10.7
Th	14.0	15.9	16.0	14.9	13.1	11.0	8.7	7.2	7.7	9.6	12.1	14.8
3	17.3	18.6	18.2	16.3	13.4	10.1	6.2	2.5	0.6	1.2	3.5	7.0
F	11.1	14.7	16.6	16.8	15.6	13.8	11.4	8.8	7.3	7.8	9.8	12.4
4	15.3	17.7	18.8	18.1	15.9	12.8	9.1	4.9	1.2	-0.3	0.9	3.8
Sa	7.8	12.3	15.9	17.6	17.4	15.9	13.7	11.0	8.2	6.9	7.8	10.2
5	13.1	16.1	18.4	19.0	17.8	15.1	11.7	7.7	3.3	-0.1	-0.8	1.2
Su	4.8	9.4	14.0	17.3	18.4	17.6	15.6	12.9	9.8	7.1	6.3	8.0
6	10.9	14.2	17.2	19.1	19.1	17.1	13.9	10.0	5.7	1.4	-1.2	-0.8
M	2.3	6.7	11.6	15.9	18.6	18.9	17.3	14.6	11.5	8.2	5.8	6.0
7	8.5	12.1	15.6	18.4	19.6	18.8	16.1	12.3	8.0	3.6	-0.3	-1.8
Tu	0.0	4.1	9.1	13.9	17.7	19.5	18.8	16.4	13.1	9.6	6.4	4.8
8	6.1	9.6	13.6	17.0	19.3	19.8	18.1	14.7	10.4	5.8	1.5	-1.4
W	-1.5	1.6	6.6	11.7	16.1	19.1	19.8	18.2	15.1	11.3	7.6	4.8
9	4.3	6.7	11.0	15.1	18.2	19.8	19.5	17.0	12.9	8.2	3.7	0.0
Th	-1.8	-0.4	4.0	9.3	14.2	17.9	19.9	19.6	17.1	13.3	9.3	5.8
10	3.8	4.4	7.8	12.4	16.4	18.9	19.7	18.6	15.5	11.0	6.2	2.0
F	-0.8	-1.2	1.6	6.8	12.0	16.3	19.1	20.1	18.8	15.6	11.4	7.4
11	4.5	3.4	5.0	9.1	13.7	17.1	18.9	19.1	17.4	13.7	9.1	4.6
Sa	1.2	-0.5	0.5	4.3	9.6	14.4	17.8	19.7	19.7	17.6	13.8	9.5
12	6.0	3.8	3.5	6.0	10.3	14.4	17.1	18.3	18.0	15.8	12.0	7.6
Su	3.8	1.4	0.8	2.8	7.2	12.2	16.2	18.6	19.6	18.8	16.1	12.1
13	8.1	5.1	3.6	4.0	6.8	10.9	14.5	16.5	17.3	16.7	14.4	10.7
M	6.8	3.9	2.5	2.8	5.4	9.8	14.2	17.3	18.9	19.1	17.7	14.6
14	10.7	7.1	4.8	3.7	4.5	7.3	10.9	13.9	15.5	16.2	15.5	13.3
Tu	10.1	7.0	4.9	4.3	5.1	7.8	11.8	15.5	17.8	18.7	18.4	16.6
15	13.4	9.8	6.7	4.7	3.8	4.5	7.0	10.3	12.8	14.4	15.2	14.8
W	13.0	10.3	7.9	6.5	6.1	7.0	9.5	13.1	16.1	17.8	18.4	17.9
16	15.9	12.8	9.4	6.6	4.6	3.5	4.0	6.2	9.1	11.6	13.5	14.7
Th	14.7	13.4	11.2	9.2	8.0	7.6	8.2	10.4	13.5	16.1	17.7	18.3
17	17.8	15.8	12.8	9.4	6.5	4.2	2.6	2.7	4.8	7.8	10.6	13.1
F	14.9	15.4	14.4	12.4	10.5	9.1	8.2	8.4	10.4	13.4	16.0	17.8
18	18.7	18.3	16.3	13.1	9.5	6.2	3.2	1.1	1.1	3.4	6.8	10.3
Sa	13.5	15.9	16.6	15.6	13.6	11.4	9.4	7.9	7.8	9.8	13.1	16.1
19	18.4	19.6	19.2	17.0	13.4	9.3	5.4	1.7	-0.8	-0.7	2.2	6.3
Su	10.8	14.8	17.4	18.1	16.7	14.2	11.5	8.8	6.7	6.6	9.0	12.8
20	16.5	19.4	20.9	20.3	17.7	13.5	8.8	4.1	-0.2	-2.7	-2.1	1.6
M	6.8	12.0	16.5	19.2	19.4	17.5	14.3	10.8	7.4	5.0	5.1	8.2
21	12.9	17.4	20.7	22.2	21.3	18.0	13.2	7.8	2.5	-2.1	-4.3	-2.8
Tu	2.0	8.1	13.9	18.5	20.8	20.4	17.6	13.7	9.4	5.5	3.0	3.8
22	7.9	13.3	18.4	21.9	23.2	21.8	17.9	12.5	6.5	0.8	-3.8	-5.2
W	-2.4	3.4	10.1	16.2	20.4	22.0	20.8	17.2	12.5	7.7	3.4	1.4
23	3.0	8.0	14.0	19.2	22.7	23.6	21.6	17.2	11.3	5.1	-0.7	-4.7
Th	-5.0	-1.0	5.6	12.5	18.3	21.9	22.7	20.5	16.2	11.0	5.8	1.7
24	0.3	2.8	8.4	14.6	19.7	22.8	23.2	20.8	16.0	9.9	3.8	-1.5
F	-4.6	-3.6	1.4	8.3	14.9	20.0	22.7	22.6	19.7	14.9	9.4	4.2
25	0.5	-0.1	3.2	9.1	15.0	19.6	22.2	22.2	19.4	14.5	8.6	3.0
Sa	-1.4	-3.3	-1.2	4.3	10.9	16.8	20.9	22.8	21.9	18.4	13.4	8.0
26	3.2	0.2	0.3	4.0	9.5	14.8	18.7	20.9	20.6	17.8	13.1	7.8
Su	3.1	-0.3	-1.0	1.8	7.3	13.1	17.9	21.1	22.2	20.7	16.9	12.0
27	7.1	3.1	0.7	1.2	4.8	9.6	13.9	17.3	19.1	18.7	16.1	12.0
M	7.7	4.1	1.9	1.9	4.9	9.7	14.4	18.1	20.5	20.9	19.1	15.5
28	11.1	7.0	3.6	1.7	2.2	5.2	9.1	12.6	15.5	17.2	17.0	14.9
Tu	11.7	8.5	5.9	4.4	4.8	7.5	11.4	14.9	17.6	19.4	19.5	17.7
29	14.5	10.9	7.5	4.6	2.7	3.0	5.2	8.1	11.0	13.7	15.6	15.8
W	14.3	12.1	9.9	8.1	6.9	7.1	9.1	12.0	14.5	16.6	18.1	18.2
30	16.7	14.1	11.2	8.3	5.5	3.4	3.1	4.6	6.9	9.6	12.4	14.6
Th	15.3	14.6	13.1	11.6	10.1	8.7	8.5	9.8	11.8	13.7	15.6	17.1
31	17.4	16.3	14.2	11.8	9.0	5.9	3.4	2.7	3.7	5.8	8.6	11.8
F	14.4	15.6	15.4	14.4	13.0	11.3	9.4	8.8	9.6	11.1	12.9	15.0

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 60° 41′N Long. 151° 24′W

AUGUST

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	16.7	17.3	16.4	14.6	12.2	9.2	5.7	2.8	1.9	2.8	5.1	8.4
Sa	12.2	15.2	16.6	16.4	15.4	13.7	11.4	9.1	8.2	8.9	10.5	12.6
2	15.1	17.0	17.7	16.8	14.7	12.0	8.5	4.6	1.6	1.0	2.4	5.3
Su	9.3	13.5	16.5	17.7	17.2	15.6	13.4	10.5	8.0	7.2	8.3	10.4
3	13.1	15.9	17.9	18.3	16.9	14.4	11.1	7.0	2.8	0.3	0.4	2.7
M	6.5	11.1	15.4	18.0	18.6	17.3	15.1	12.1	8.8	6.4	6.2	8.1
4	11.1	14.3	17.3	19.0	18.7	16.6	13.3	9.4	4.9	0.9	−0.7	0.6
Tu	4.1	8.6	13.5	17.5	19.3	18.9	16.7	13.6	10.1	6.6	4.8	5.7
5	8.7	12.4	16.1	18.8	19.8	18.6	15.5	11.5	7.1	2.5	−0.7	−1.0
W	1.9	6.4	11.5	16.2	19.3	20.0	18.4	15.3	11.5	7.6	4.5	3.7
6	6.0	10.1	14.3	17.9	20.0	20.0	17.8	13.8	9.2	4.5	0.5	−1.5
Th	−0.1	4.2	9.5	14.5	18.5	20.5	20.0	17.2	13.2	8.9	5.1	2.8
7	3.4	7.1	11.9	16.3	19.4	20.7	19.6	16.3	11.7	6.7	2.3	−0.9
F	−1.3	1.9	7.3	12.8	17.3	20.3	20.9	19.1	15.3	10.7	6.4	3.1
8	1.9	4.0	8.7	13.8	17.8	20.2	20.5	18.4	14.4	9.3	4.5	0.8
Sa	−1.0	0.3	4.8	10.7	15.9	19.5	21.1	20.5	17.5	13.0	8.2	4.2
9	1.8	1.9	5.2	10.5	15.4	18.7	20.2	19.6	16.8	12.3	7.3	3.1
Su	0.4	0.1	2.9	8.3	14.0	18.3	20.7	21.0	19.2	15.4	10.6	6.0
10	2.8	1.4	2.6	6.8	12.1	16.3	18.8	19.5	18.2	15.0	10.4	5.9
M	2.7	1.3	2.2	6.0	11.6	16.6	19.7	20.9	20.2	17.5	13.3	8.5
11	4.6	2.2	1.7	3.8	8.1	12.9	16.4	18.1	18.2	16.6	13.4	9.2
Tu	5.6	3.4	3.1	4.9	9.1	14.2	18.1	20.1	20.3	18.8	15.7	11.5
12	7.2	4.0	2.4	2.5	4.8	8.8	12.9	15.6	16.8	16.8	15.2	12.3
W	8.9	6.2	5.0	5.4	7.5	11.4	15.7	18.6	19.6	19.2	17.5	14.3
13	10.4	6.7	4.2	3.0	3.2	5.2	8.7	12.0	14.2	15.4	15.6	14.4
Th	12.1	9.5	7.7	7.0	7.4	9.3	12.6	16.1	18.1	18.8	18.3	16.6
14	13.7	10.2	7.1	4.9	3.5	3.3	4.8	7.7	10.6	12.8	14.3	15.0
F	14.5	12.8	10.8	9.4	8.7	8.7	10.0	12.7	15.5	17.3	18.0	17.8
15	16.5	14.0	10.9	7.9	5.5	3.6	2.7	3.7	6.2	9.1	11.7	13.9
Sa	15.4	15.4	14.1	12.3	10.8	9.6	8.9	9.5	11.8	14.4	16.4	17.7
16	18.1	17.2	15.0	11.9	8.6	5.6	2.8	1.3	2.0	4.7	8.0	11.4
Su	14.5	16.5	16.8	15.6	13.5	11.4	9.3	7.8	8.1	10.4	13.3	16.0
17	18.1	19.2	18.6	16.2	12.7	8.9	5.0	1.4	−0.6	0.3	3.6	7.8
M	12.2	16.1	18.3	18.4	16.7	14.0	10.9	7.9	5.8	6.2	8.9	12.7
18	16.4	19.3	20.8	20.0	17.3	13.1	8.4	3.6	−0.6	−2.4	−0.8	3.5
Tu	8.7	14.0	18.2	20.3	19.8	17.2	13.5	9.5	5.7	3.4	4.3	7.9
19	12.7	17.3	20.9	22.3	21.2	17.7	12.7	7.3	1.8	−2.5	−3.6	−0.8
W	4.6	10.7	16.5	20.5	21.9	20.4	16.8	12.2	7.4	3.1	1.2	2.9
20	7.7	13.4	18.6	22.3	23.4	21.5	17.3	11.7	5.7	0.0	−3.8	−3.8
Th	0.3	6.8	13.5	19.1	22.5	22.8	20.3	15.7	10.3	5.0	0.7	−0.5
21	2.4	8.1	14.5	19.9	23.2	23.7	21.1	16.2	10.1	4.0	−1.3	−4.2
F	−2.7	2.7	9.7	16.3	21.4	23.7	22.9	19.3	13.9	8.1	2.7	−1.0
22	−1.2	2.8	9.1	15.6	20.6	23.4	23.1	19.9	14.6	8.5	2.7	−1.8
Sa	−3.3	−0.4	5.8	12.8	18.8	22.8	23.9	22.0	17.6	11.9	6.0	1.0
23	−1.8	−0.9	3.9	10.3	16.3	20.7	22.7	21.8	18.2	12.9	7.2	2.2
Su	−1.1	−1.2	2.8	9.1	15.4	20.4	23.1	23.2	20.4	15.6	9.9	4.6
24	0.3	−1.5	0.3	5.3	11.2	16.4	19.9	21.3	20.0	16.3	11.4	6.6
M	2.7	0.6	1.7	6.1	12.0	17.2	20.8	22.4	21.6	18.4	13.6	8.5
25	4.0	0.6	-0.3	1.9	6.6	11.6	15.7	18.5	19.4	18.0	14.7	10.6
Tu	6.8	4.2	3.2	4.9	9.1	13.9	17.7	20.1	20.9	19.6	16.4	12.1
26	7.9	4.3	1.9	1.4	3.5	7.3	11.2	14.4	16.7	17.5	16.4	13.7
W	10.6	8.0	6.3	5.9	7.7	11.1	14.6	17.1	18.6	18.9	17.7	14.9
27	11.4	8.2	5.5	3.4	2.9	4.5	7.3	10.2	12.8	15.0	16.0	15.4
Th	13.5	11.4	9.8	8.6	8.3	9.5	11.9	14.1	15.8	16.9	17.2	16.3
28	14.2	11.6	9.1	6.9	4.8	3.9	4.8	6.7	8.9	11.3	13.7	15.2
F	15.2	14.1	12.8	11.6	10.3	9.6	10.1	11.5	12.9	14.2	15.4	16.1
29	15.7	14.3	12.4	10.3	8.0	5.5	4.0	4.3	5.6	7.7	10.4	13.3
Sa	15.3	15.8	15.2	14.2	12.8	11.1	9.7	9.6	10.4	11.6	13.0	14.7
30	15.9	16.1	15.0	13.3	11.1	8.3	5.2	3.3	3.3	4.7	7.1	10.4
Su	13.9	16.2	16.9	16.3	15.0	13.1	10.6	8.7	8.3	9.1	10.6	12.7
31	15.0	16.7	16.9	15.8	13.8	11.1	7.6	4.1	2.2	2.4	4.3	7.5
M	11.6	15.3	17.6	18.0	16.9	14.9	12.2	9.1	7.0	6.9	8.3	10.5

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

NIKISKI, ALASKA, 2009

Lat. 60° 41′N Long. 151° 24′W

SEPTEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	13.4	16.2	17.9	17.9	16.2	13.5	10.0	5.9	2.4	1.0	2.2	5.0
Tu	9.1	13.6	17.3	19.0	18.6	16.6	13.7	10.2	6.8	5.1	5.8	8.2
2	11.4	15.0	17.9	19.2	18.3	15.8	12.2	8.1	3.8	0.8	0.5	3.0
W	7.0	11.7	16.3	19.3	19.9	18.3	15.3	11.6	7.6	4.4	3.6	5.6
3	9.2	13.2	17.0	19.6	19.9	18.0	14.4	10.2	5.7	1.6	-0.3	1.1
Th	5.0	9.9	14.9	18.9	20.7	20.0	17.1	13.1	8.8	4.7	2.3	2.9
4	6.4	11.0	15.5	19.1	20.8	19.9	16.8	12.4	7.7	3.3	0.1	-0.2
F	3.0	8.1	13.4	18.0	20.9	21.3	19.0	15.0	10.3	5.8	2.2	1.0
5	3.2	8.0	13.3	17.7	20.6	21.1	19.1	15.0	10.1	5.3	1.5	-0.3
Sa	1.2	5.9	11.7	16.9	20.5	21.9	20.7	17.2	12.3	7.3	3.0	0.4
6	0.7	4.5	10.2	15.5	19.4	21.2	20.6	17.6	12.9	7.8	3.5	0.7
Su	0.5	3.7	9.5	15.3	19.7	21.9	21.9	19.3	14.8	9.4	4.6	1.0
7	-0.4	1.4	6.3	12.3	17.2	20.2	21.0	19.4	15.8	10.9	6.1	2.7
M	1.1	2.4	6.9	13.1	18.3	21.4	22.2	20.8	17.2	12.2	6.9	2.6
8	0.0	-0.2	2.8	8.3	13.9	18.0	20.0	20.0	17.9	13.9	9.3	5.3
Tu	2.9	2.6	5.1	10.2	16.0	20.1	21.9	21.5	19.1	15.0	9.9	5.1
9	1.7	0.1	0.8	4.4	9.8	14.7	17.8	19.1	18.6	16.2	12.5	8.5
W	5.5	4.2	4.8	7.9	12.9	17.8	20.6	21.3	20.1	17.3	13.1	8.4
10	4.4	1.8	0.9	2.1	5.7	10.4	14.4	16.7	17.6	17.1	15.0	11.8
Th	8.6	6.6	6.0	7.1	10.1	14.4	18.2	20.0	20.0	18.6	15.8	12.0
11	8.0	4.7	2.7	2.0	3.1	6.2	10.1	13.3	15.2	16.2	16.0	14.5
F	12.0	9.6	8.2	7.9	8.7	11.2	14.6	17.4	18.6	18.6	17.4	15.2
12	12.0	8.6	5.8	3.9	2.9	3.4	5.8	9.0	11.7	13.8	15.3	15.7
Sa	14.8	13.0	11.1	9.8	9.1	9.3	10.9	13.6	15.9	17.1	17.5	17.1
13	15.5	12.9	9.9	7.2	4.9	3.1	2.8	4.6	7.4	10.3	13.0	15.2
Su	16.3	15.9	14.4	12.5	10.8	9.3	8.5	9.5	11.8	14.1	15.9	17.3
14	17.6	16.6	14.3	11.3	8.2	5.1	2.5	1.6	3.1	6.1	9.6	13.2
M	16.2	17.8	17.5	15.8	13.4	10.8	8.2	6.7	7.4	9.8	12.8	15.6
15	17.9	19.0	18.3	15.8	12.3	8.5	4.4	1.1	0.1	1.9	5.6	10.0
Tu	14.5	18.1	19.6	18.9	16.5	13.3	9.6	6.1	4.2	5.1	8.2	12.1
16	16.1	19.3	20.7	19.7	16.8	12.6	7.9	3.1	-0.5	-1.1	1.6	6.3
W	11.7	16.8	20.4	21.4	19.8	16.4	12.1	7.4	3.3	1.6	3.3	7.4
17	12.5	17.4	21.0	22.2	20.6	16.9	11.9	6.6	1.4	-1.8	-1.5	2.4
Th	8.2	14.3	19.5	22.5	22.5	19.7	15.3	10.0	4.8	0.6	-0.5	2.3
18	7.6	13.6	18.9	22.4	23.0	20.6	16.1	10.6	4.9	0.0	-2.4	-0.6
F	4.5	11.0	17.3	21.9	23.9	22.6	18.7	13.3	7.5	2.0	-1.6	-1.6
19	2.5	8.7	15.1	20.4	23.2	23.0	19.8	14.8	9.0	3.5	-0.8	-1.8
Sa	1.4	7.5	14.2	20.0	23.6	24.2	21.6	16.8	10.9	5.0	-0.2	-2.9
20	-1.5	3.6	10.3	16.6	21.2	23.2	22.1	18.3	13.1	7.5	2.6	-0.5
Su	-0.1	4.3	10.8	17.1	21.8	24.1	23.4	19.9	14.5	8.5	2.9	-1.4
21	-2.9	-0.3	5.4	11.9	17.5	21.3	22.4	20.6	16.6	11.4	6.5	2.5
M	0.7	2.5	7.6	13.8	19.1	22.5	23.5	21.7	17.6	12.1	6.6	1.7
22	-1.5	-1.8	1.6	7.3	13.1	17.7	20.6	21.0	18.8	14.9	10.3	6.2
Tu	3.4	2.8	5.5	10.6	15.9	19.9	21.9	21.8	19.5	15.2	10.2	5.4
23	1.6	-0.6	0.0	3.7	8.8	13.6	17.2	19.3	19.3	17.1	13.6	9.8
W	6.8	5.1	5.4	8.3	12.8	16.8	19.4	20.4	19.7	17.2	13.3	9.1
24	5.3	2.5	1.1	2.1	5.4	9.6	13.2	16.0	17.6	17.6	15.8	12.9
Th	10.1	8.1	7.1	7.7	10.4	13.8	16.5	18.0	18.4	17.6	15.4	12.2
25	8.9	6.1	4.0	3.0	3.8	6.4	9.5	12.2	14.6	16.2	16.4	15.1
F	13.0	11.1	9.8	9.0	9.4	11.3	13.6	15.2	16.1	16.5	16.0	14.4
26	12.0	9.6	7.5	5.7	4.4	4.8	6.6	8.7	11.0	13.3	15.2	15.9
Sa	15.2	13.8	12.4	11.2	10.1	9.9	11.0	12.4	13.4	14.4	15.2	15.3
27	14.3	12.6	10.7	8.8	6.8	5.1	4.9	6.0	7.7	10.0	12.7	15.1
Su	16.2	15.9	14.8	13.5	11.9	10.2	9.4	9.8	10.8	11.9	13.3	14.8
28	15.5	15.0	13.6	11.8	9.6	7.0	4.8	4.2	5.2	7.1	9.8	13.1
M	15.9	17.2	16.9	15.6	13.8	11.5	9.1	7.9	8.2	9.4	11.0	13.2
29	15.4	16.5	16.0	14.5	12.3	9.5	6.3	3.8	3.4	4.7	7.2	10.7
Tu	14.5	17.4	18.4	17.6	15.7	13.1	10.0	7.2	6.0	6.8	8.6	11.2
30	14.2	16.8	17.7	16.9	14.8	11.9	8.4	4.8	2.7	2.9	5.1	8.5
W	12.6	16.6	19.1	19.3	17.6	14.8	11.3	7.6	4.8	4.3	6.0	8.9

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 60° 41′N Long. 151° 24′W

OCTOBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	12.4	16.0	18.4	18.8	17.1	14.2	10.5	6.6	3.2	1.8	3.3	6.7
Th	10.9	15.4	19.0	20.4	19.4	16.5	12.8	8.6	4.8	2.5	3.2	6.2
2	10.2	14.5	18.1	19.9	19.3	16.6	12.8	8.6	4.6	1.9	1.9	4.8
F	9.3	14.1	18.3	20.9	21.0	18.5	14.5	10.0	5.6	2.0	0.9	3.0
3	7.4	12.3	16.8	19.9	20.7	18.9	15.3	10.9	6.6	3.0	1.4	3.0
Sa	7.4	12.7	17.5	20.9	22.0	20.5	16.7	11.8	6.9	2.5	−0.2	0.2
4	4.0	9.4	14.8	18.9	21.1	20.8	17.9	13.5	8.8	4.8	2.0	1.9
Su	5.2	10.7	16.2	20.4	22.5	22.0	19.0	14.2	8.8	3.9	0.1	−1.4
5	0.5	5.7	11.8	17.0	20.4	21.5	20.0	16.4	11.6	7.1	3.6	2.0
M	3.5	8.1	14.2	19.3	22.3	22.9	21.0	16.9	11.5	6.0	1.5	−1.4
6	−1.6	1.8	7.8	13.9	18.4	20.9	21.1	18.8	14.7	10.0	5.9	3.4
Tu	3.0	5.7	11.2	17.1	21.3	23.0	22.3	19.4	14.6	9.0	3.8	0.0
7	−1.9	−0.8	3.5	9.7	15.3	19.0	20.6	20.0	17.4	13.2	8.9	5.6
W	4.0	4.7	8.3	13.9	19.1	22.0	22.6	21.0	17.5	12.5	7.2	2.6
8	−0.4	−1.3	0.5	5.3	11.1	15.8	18.6	19.6	18.7	16.0	12.2	8.5
Th	6.0	5.2	6.6	10.4	15.6	19.8	21.6	21.4	19.4	15.8	11.1	6.3
9	2.5	0.3	−0.1	2.0	6.5	11.5	15.3	17.6	18.4	17.6	15.1	11.9
F	8.9	7.1	6.7	8.2	11.7	16.1	19.1	20.3	19.8	17.9	14.7	10.6
10	6.5	3.4	1.5	1.2	3.1	6.9	11.1	14.3	16.3	17.3	16.9	14.9
Sa	12.3	9.9	8.4	8.0	9.0	11.9	15.3	17.6	18.5	18.3	17.0	14.4
11	11.0	7.6	4.9	3.0	2.2	3.5	6.6	10.1	13.0	15.4	16.8	16.9
Su	15.5	13.3	11.2	9.5	8.4	8.7	10.8	13.5	15.5	16.8	17.3	16.8
12	15.0	12.2	9.1	6.4	4.0	2.6	3.2	5.8	9.0	12.2	15.1	17.1
M	17.7	16.6	14.5	12.1	9.8	7.9	7.3	8.8	11.2	13.6	15.7	17.2
13	17.5	16.2	13.7	10.6	7.4	4.3	2.2	2.5	4.9	8.4	12.1	15.8
Tu	18.3	19.0	17.8	15.4	12.4	9.1	6.2	5.1	6.4	9.1	12.3	15.4
14	17.9	18.8	17.7	15.0	11.5	7.7	3.9	1.4	1.8	4.6	8.6	13.2
W	17.4	20.1	20.5	18.8	15.6	11.6	7.4	3.8	2.6	4.3	7.7	11.9
15	16.0	19.1	20.2	18.8	15.7	11.7	7.2	3.0	0.6	1.5	5.1	10.0
Th	15.1	19.5	21.9	21.6	18.9	14.8	9.9	5.0	1.2	0.4	2.8	7.3
16	12.5	17.3	20.6	21.3	19.4	15.6	11.1	6.2	2.0	0.3	2.2	6.7
F	12.3	17.7	21.8	23.2	21.8	18.0	13.0	7.6	2.3	−1.2	−1.1	2.5
17	8.0	13.8	18.9	21.8	21.8	19.1	14.8	9.9	5.0	1.3	0.6	3.7
Sa	9.1	15.1	20.2	23.4	23.6	21.0	16.3	10.7	5.0	−0.1	−2.8	−1.4
18	3.3	9.5	15.6	20.3	22.4	21.5	18.2	13.5	8.6	4.1	1.3	1.9
Su	6.1	12.0	17.8	22.1	24.0	23.0	19.2	13.9	8.2	2.6	−1.8	−3.3
19	−0.6	5.0	11.4	17.2	21.1	22.3	20.6	16.8	12.1	7.5	3.6	2.0
M	3.9	9.0	14.8	19.8	23.0	23.6	21.4	17.0	11.4	5.9	0.9	−2.5
20	−2.6	1.2	7.1	13.2	18.2	21.2	21.5	19.2	15.2	10.8	6.8	3.8
Tu	3.4	6.4	11.7	17.0	20.9	22.8	22.2	19.2	14.5	9.2	4.2	0.1
21	−2.1	−1.0	3.4	9.2	14.5	18.6	20.7	20.3	17.7	13.9	9.9	6.6
W	4.7	5.3	8.9	13.9	18.2	20.8	21.6	20.3	17.0	12.4	7.6	3.4
22	0.3	−0.9	1.1	5.6	10.7	15.1	18.2	19.6	18.9	16.3	12.8	9.5
Th	7.1	6.0	7.3	10.9	15.1	18.2	19.8	19.8	18.2	14.9	10.8	6.8
23	3.5	1.3	0.9	3.2	7.3	11.5	14.9	17.4	18.5	17.7	15.3	12.3
F	9.8	8.0	7.5	9.0	12.2	15.3	17.3	18.2	17.9	16.4	13.5	10.0
24	6.8	4.4	2.8	2.8	4.9	8.3	11.5	14.2	16.4	17.4	16.8	14.8
Sa	12.4	10.4	9.1	8.7	9.9	12.4	14.5	15.8	16.4	16.3	15.1	12.8
25	10.0	7.6	5.6	4.3	4.2	5.9	8.5	11.1	13.5	15.6	16.8	16.4
Su	14.8	12.9	11.2	9.9	9.2	10.0	11.6	13.1	14.1	15.0	15.3	14.6
26	12.9	10.7	8.6	6.8	5.3	4.9	6.2	8.3	10.6	13.0	15.4	16.8
M	16.7	15.3	13.5	11.8	10.0	8.9	9.1	10.3	11.6	12.8	14.2	15.1
27	14.9	13.5	11.6	9.6	7.5	5.6	5.0	6.1	8.1	10.4	13.3	15.9
Tu	17.5	17.3	15.8	13.8	11.6	9.2	7.6	7.6	8.8	10.3	12.2	14.3
28	15.7	15.7	14.3	12.3	10.0	7.5	5.4	4.8	6.0	8.3	11.1	14.4
W	17.2	18.5	17.9	15.9	13.3	10.4	7.5	5.7	5.9	7.6	9.8	12.5
29	15.2	16.8	16.6	15.0	12.5	9.8	6.9	4.7	4.5	6.4	9.3	12.7
Th	16.2	18.8	19.4	18.0	15.2	11.9	8.4	5.2	3.7	4.6	7.1	10.3
30	13.7	16.7	18.1	17.4	15.1	12.1	8.9	5.8	4.1	4.7	7.5	11.2
F	15.0	18.4	20.3	19.9	17.4	13.6	9.6	5.7	2.6	1.9	3.9	7.5
31	11.6	15.6	18.5	19.2	17.7	14.6	11.1	7.6	4.8	3.8	5.6	9.5
Sa	13.8	17.7	20.5	21.3	19.5	15.8	11.3	6.8	2.8	0.3	0.8	4.2

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

NIKISKI, ALASKA, 2009

Lat. 60° 41′N Long. 151° 24′W

NOVEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	8.9	13.7	17.7	20.0	19.8	17.3	13.6	9.7	6.3	4.0	4.1	7.3
Su	12.1	16.7	20.3	22.1	21.4	18.3	13.6	8.6	3.9	0.2	−1.4	0.6
2	5.3	10.9	15.9	19.5	20.9	19.7	16.4	12.3	8.3	5.2	3.7	5.2
M	9.6	15.0	19.5	22.3	22.8	20.8	16.5	11.1	5.8	1.3	−1.8	−2.1
3	1.3	7.1	13.0	17.8	20.7	21.1	19.1	15.3	10.9	7.1	4.5	4.0
Tu	6.8	12.1	17.7	21.6	23.3	22.6	19.4	14.4	8.7	3.4	−0.7	−2.9
4	−2.0	2.6	9.0	14.9	19.1	21.2	20.8	18.1	14.0	9.7	6.3	4.3
W	4.9	8.7	14.4	19.6	22.7	23.4	21.7	17.8	12.4	6.7	1.8	−1.8
5	−3.1	−1.0	4.3	10.8	16.1	19.6	21.0	20.0	17.0	12.9	8.9	6.0
Th	4.7	6.1	10.5	16.1	20.6	22.8	22.6	20.4	16.2	10.9	5.5	1.0
6	−1.9	−2.4	0.4	6.0	11.9	16.6	19.4	20.3	19.1	16.1	12.2	8.6
F	6.1	5.4	7.3	11.8	16.9	20.5	21.9	21.4	19.0	14.9	9.9	5.0
7	1.2	−1.1	−1.1	1.9	7.2	12.4	16.4	18.8	19.5	18.4	15.5	11.9
Sa	8.8	6.7	6.2	8.1	12.2	16.5	19.3	20.4	19.9	17.8	14.2	9.7
8	5.4	2.1	0.1	0.3	3.2	7.8	12.4	15.8	18.1	19.0	18.0	15.4
Su	12.2	9.4	7.4	6.8	8.3	11.6	15.1	17.5	18.6	18.6	17.0	14.0
9	10.2	6.5	3.5	1.6	1.5	4.0	8.0	11.9	15.2	17.7	18.8	18.0
M	15.7	12.8	10.1	7.8	6.7	7.5	10.2	13.1	15.4	17.0	17.7	16.8
10	14.5	11.2	7.9	5.0	2.8	2.4	4.4	7.9	11.6	15.0	17.8	19.1
Tu	18.6	16.4	13.5	10.5	7.7	5.8	6.0	8.1	10.9	13.5	15.9	17.4
11	17.2	15.4	12.5	9.4	6.3	3.6	2.8	4.5	7.8	11.6	15.4	18.5
W	20.0	19.4	17.1	13.9	10.4	6.8	4.2	4.0	5.9	8.9	12.3	15.5
12	17.7	18.0	16.5	13.7	10.4	6.9	4.0	3.0	4.8	8.2	12.3	16.4
Th	19.7	21.1	20.1	17.4	13.7	9.4	5.1	2.1	1.9	4.2	7.8	11.9
13	15.9	18.6	19.0	17.3	14.4	10.8	7.0	3.9	3.2	5.3	9.1	13.6
F	18.0	21.1	22.0	20.4	17.0	12.6	7.8	3.0	0.0	0.3	3.2	7.6
14	12.6	17.0	19.6	19.8	17.8	14.5	10.6	6.6	3.7	3.6	6.3	10.7
Sa	15.5	19.8	22.3	22.3	19.9	15.8	10.9	5.6	0.8	−1.6	−0.6	3.3
15	8.4	13.9	18.4	20.6	20.1	17.6	14.0	10.0	6.1	3.7	4.4	7.9
Su	12.7	17.5	21.3	23.0	21.9	18.6	13.9	8.7	3.4	−1.0	−2.5	−0.3
16	4.4	10.1	15.6	19.6	21.1	19.9	16.9	13.1	9.1	5.5	3.9	5.7
M	9.9	14.9	19.3	22.3	22.8	20.8	16.7	11.7	6.5	1.4	−2.2	−2.5
17	0.9	6.2	12.1	17.2	20.5	21.1	19.2	15.8	11.9	8.1	5.1	4.6
Tu	7.3	12.1	16.8	20.6	22.5	21.9	19.0	14.5	9.5	4.4	0.0	−2.5
18	−1.5	2.8	8.4	14.0	18.4	20.8	20.6	18.1	14.5	10.7	7.3	5.1
W	5.7	9.2	14.0	18.2	21.0	21.9	20.5	17.0	12.4	7.5	2.9	−0.7
19	−2.0	0.2	5.1	10.6	15.5	19.1	20.6	19.7	16.9	13.3	9.7	6.8
Th	5.5	7.0	11.0	15.5	18.9	20.8	20.8	18.8	15.1	10.5	6.0	2.1
20	−0.6	−0.7	2.3	7.3	12.2	16.4	19.1	20.0	18.6	15.7	12.2	9.0
F	6.8	6.3	8.4	12.4	16.2	18.8	19.9	19.3	17.0	13.3	9.0	5.1
21	1.9	0.2	1.0	4.4	9.1	13.3	16.7	18.8	19.2	17.6	14.6	11.4
Sa	8.7	7.1	7.2	9.6	13.2	16.2	18.0	18.6	17.8	15.5	12.0	8.1
22	4.8	2.5	1.5	2.8	6.3	10.3	13.8	16.6	18.3	18.4	16.7	13.8
Su	11.0	8.8	7.5	7.9	10.2	13.3	15.5	16.8	17.2	16.5	14.3	11.1
23	7.8	5.2	3.5	3.0	4.5	7.7	11.1	14.0	16.4	17.9	17.8	16.1
M	13.4	10.9	9.0	7.9	8.3	10.2	12.6	14.4	15.4	16.0	15.5	13.6
24	10.9	8.1	6.0	4.6	4.3	5.8	8.7	11.6	14.1	16.3	17.7	17.5
Tu	15.8	13.3	11.0	9.1	7.8	7.9	9.5	11.5	13.1	14.3	15.2	15.0
25	13.5	11.2	8.8	7.0	5.7	5.3	6.8	9.4	12.0	14.4	16.6	17.8
W	17.5	15.7	13.2	10.8	8.7	7.1	7.0	8.4	10.3	12.0	13.7	15.1
26	15.2	13.9	11.8	9.6	7.8	6.3	6.0	7.5	10.0	12.6	15.1	17.2
Th	18.3	17.7	15.6	12.8	10.1	7.6	5.7	5.6	7.1	9.3	11.5	13.9
27	15.6	15.9	14.6	12.4	10.2	8.2	6.6	6.4	8.1	10.8	13.6	16.2
F	18.3	19.0	17.8	15.1	11.9	8.8	5.8	3.8	4.0	6.0	8.8	11.8
28	14.7	16.6	16.8	15.3	12.8	10.4	8.1	6.5	6.6	8.8	12.0	15.1
Sa	17.9	19.6	19.6	17.6	14.2	10.4	6.8	3.6	1.8	2.6	5.5	9.2
29	12.9	16.2	18.0	17.7	15.7	12.9	10.1	7.7	6.2	6.9	9.9	13.6
Su	17.0	19.6	20.8	19.8	16.9	12.7	8.4	4.4	1.1	0.0	1.8	5.7
30	10.3	14.6	17.9	19.2	18.3	15.7	12.4	9.4	6.9	5.9	7.4	11.3
M	15.6	19.1	21.4	21.6	19.6	15.7	10.9	6.1	1.9	−1.1	−1.4	1.6

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 60° 41′N Long. 151° 24′W

DECEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	6.7	11.9	16.4	19.4	20.1	18.5	15.2	11.6	8.4	6.1	5.7	8.2
Tu	12.9	17.6	21.0	22.6	22.0	19.0	14.2	8.9	3.8	-0.4	-2.8	-2.0
2	2.3	8.1	13.8	18.2	20.6	20.5	18.2	14.5	10.6	7.3	5.2	5.6
W	9.2	14.6	19.4	22.4	23.3	21.8	18.0	12.7	7.0	1.9	-2.1	-3.8
3	-1.8	3.5	9.9	15.5	19.5	21.3	20.5	17.6	13.6	9.5	6.3	4.6
Th	5.9	10.3	16.0	20.6	23.2	23.4	21.2	16.8	11.2	5.4	0.4	-3.2
4	-4.0	-0.9	5.1	11.6	16.9	20.4	21.5	20.2	16.8	12.6	8.5	5.4
F	4.3	6.4	11.3	17.0	21.1	23.1	22.8	20.2	15.6	9.9	4.3	-0.4
5	-3.4	-3.3	0.6	6.8	13.0	17.8	20.7	21.4	19.6	16.0	11.7	7.7
Sa	4.9	4.3	6.9	12.0	17.2	20.8	22.4	21.8	19.1	14.6	9.1	3.8
6	-0.4	-2.7	-1.9	2.3	8.4	14.0	18.2	20.7	21.0	19.0	15.3	11.1
Su	7.3	4.8	4.5	7.2	12.0	16.6	19.6	21.0	20.5	18.0	13.8	8.7
7	4.0	0.4	-1.3	-0.1	4.1	9.6	14.6	18.3	20.5	20.6	18.5	14.9
M	10.8	7.3	5.0	4.7	7.1	11.3	15.2	17.9	19.4	19.2	17.0	13.3
8	8.9	4.9	1.9	0.5	1.8	5.7	10.6	14.9	18.2	20.2	20.3	18.2
Tu	14.7	10.9	7.6	5.2	4.6	6.5	10.0	13.3	15.9	17.7	18.0	16.4
9	13.3	9.7	6.3	3.6	2.3	3.5	6.9	11.1	15.0	18.1	20.1	20.1
W	18.1	14.8	11.3	7.9	5.1	4.0	5.3	8.2	11.3	14.1	16.4	17.3
10	16.3	13.9	10.9	8.0	5.4	4.0	4.9	7.8	11.5	15.1	18.2	20.1
Th	20.1	18.2	15.1	11.5	7.8	4.6	3.0	3.8	6.3	9.5	12.8	15.6
11	17.1	16.7	14.8	12.2	9.5	6.8	5.2	5.8	8.5	11.9	15.4	18.5
F	20.4	20.3	18.3	15.1	11.4	7.3	3.5	1.6	2.3	4.9	8.3	12.2
12	15.7	17.5	17.4	15.7	13.3	10.5	7.6	5.8	6.4	9.0	12.4	16.0
Sa	19.1	20.8	20.4	18.2	14.7	10.7	6.2	2.1	0.2	1.1	4.1	8.1
13	12.6	16.4	18.4	18.2	16.4	13.9	10.9	7.8	6.1	6.9	9.6	13.2
Su	16.9	19.9	21.2	20.3	17.6	13.8	9.4	4.6	0.6	-0.9	0.6	4.2
14	8.9	13.8	17.6	19.2	18.7	16.6	13.8	10.6	7.4	6.1	7.4	10.5
M	14.3	18.0	20.6	21.3	19.8	16.5	12.4	7.7	2.8	-0.8	-1.5	1.0
15	5.3	10.4	15.4	18.8	19.9	18.8	16.3	13.2	9.7	6.8	6.0	8.1
Tu	11.7	15.7	19.1	21.2	21.0	18.8	15.0	10.6	5.8	1.1	-1.8	-1.3
16	2.2	7.1	12.5	17.1	19.9	20.1	18.3	15.4	12.0	8.5	6.1	6.2
W	9.1	13.1	17.1	20.0	21.3	20.3	17.4	13.2	8.5	3.8	-0.3	-2.1
17	-0.3	4.1	9.4	14.6	18.6	20.5	19.9	17.4	14.1	10.5	7.2	5.5
Th	6.7	10.4	14.6	18.3	20.6	21.0	19.3	15.7	11.2	6.5	2.1	-1.2
18	-1.6	1.4	6.4	11.7	16.4	19.6	20.6	19.2	16.2	12.5	9.0	6.2
F	5.4	7.6	11.8	16.0	19.0	20.6	20.3	17.9	13.9	9.2	4.7	0.8
19	-1.3	-0.4	3.6	8.9	13.8	17.8	20.2	20.3	18.2	14.7	10.9	7.6
Sa	5.5	5.7	8.8	13.1	16.9	19.3	20.2	19.2	16.3	12.0	7.4	3.3
20	0.3	-0.7	1.5	6.1	11.1	15.5	18.7	20.2	19.6	16.9	13.1	9.5
Su	6.7	5.3	6.4	9.9	14.1	17.2	19.0	19.3	17.8	14.6	10.3	6.0
21	2.6	0.6	0.8	3.8	8.5	13.1	16.7	19.1	19.9	18.6	15.5	11.7
M	8.4	6.2	5.5	7.2	10.8	14.4	16.9	18.1	18.1	16.4	13.1	9.0
22	5.3	2.8	1.7	2.7	6.2	10.6	14.5	17.3	19.1	19.2	17.4	14.2
Tu	10.7	7.8	6.1	5.9	7.9	11.2	14.2	16.1	17.0	16.8	15.1	11.9
23	8.4	5.4	3.7	3.3	4.9	8.4	12.3	15.4	17.6	18.8	18.4	16.4
W	13.2	10.0	7.6	6.2	6.2	8.1	10.9	13.4	15.0	15.8	15.7	14.1
24	11.4	8.4	6.3	5.2	5.2	6.9	10.2	13.5	16.0	17.7	18.4	17.7
Th	15.5	12.4	9.6	7.5	6.1	6.0	7.7	10.2	12.3	13.9	14.9	15.1
25	13.8	11.5	9.2	7.5	6.7	6.8	8.5	11.4	14.3	16.4	17.7	18.2
F	17.3	15.0	12.0	9.3	7.1	5.5	5.2	6.7	9.1	11.3	13.1	14.6
26	15.1	14.2	12.2	10.2	8.8	7.9	7.9	9.5	12.2	14.8	16.7	18.0
Sa	18.3	17.2	14.7	11.6	8.7	6.3	4.3	3.9	5.4	8.0	10.6	13.0
27	15.0	15.8	15.0	13.2	11.2	9.7	8.5	8.4	9.9	12.7	15.4	17.4
Su	18.7	18.8	17.3	14.5	11.1	7.8	4.9	2.6	2.3	4.2	7.2	10.5
28	13.6	16.1	16.9	16.0	14.0	11.9	9.9	8.4	8.2	10.0	13.1	16.1
M	18.4	19.8	19.6	17.6	14.1	10.2	6.4	3.0	0.6	0.6	3.2	7.1
29	11.2	15.0	17.6	18.2	16.9	14.5	11.9	9.5	7.7	7.6	10.0	13.7
Tu	17.1	19.8	21.0	20.4	17.7	13.6	9.0	4.7	0.8	-1.5	-0.8	2.8
30	7.7	12.6	16.7	19.2	19.4	17.5	14.4	11.3	8.4	6.4	6.8	10.0
W	14.4	18.5	21.2	22.2	21.0	17.5	12.7	7.6	2.7	-1.4	-3.2	-1.5
31	3.3	9.1	14.5	18.6	20.6	20.1	17.5	13.8	10.1	6.8	5.0	6.1
Th	10.2	15.4	19.8	22.6	23.1	21.2	17.1	11.6	6.0	0.7	-3.2	-4.3

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

SELDOVIA, ALASKA, 2009

Lat. 59° 27′N Long. 151° 43′W

JANUARY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	1.5	4.6	8.4	12.2	15.3	17.0	16.8	14.9	11.9	8.5	5.7	4.3
Th	4.8	6.9	9.9	12.9	15.2	16.3	15.7	13.3	9.9	6.1	3.0	1.3
2	1.5	3.5	6.9	10.5	13.8	16.1	16.9	16.0	13.6	10.5	7.4	5.2
F	4.3	5.2	7.4	10.2	12.7	14.5	15.1	14.2	11.8	8.7	5.6	3.3
3	2.4	3.2	5.6	8.9	12.1	14.8	16.4	16.5	15.1	12.5	9.5	6.7
Sa	4.8	4.3	5.3	7.4	9.8	12.0	13.5	13.9	13.0	10.9	8.3	5.9
4	4.2	3.8	5.0	7.4	10.4	13.2	15.3	16.4	16.1	14.4	11.8	8.9
Su	6.3	4.5	4.0	4.9	6.7	8.9	10.9	12.4	13.0	12.4	10.8	8.7
5	6.8	5.5	5.2	6.3	8.5	11.1	13.6	15.5	16.4	16.0	14.2	11.6
M	8.7	6.0	4.1	3.3	3.8	5.4	7.5	9.7	11.6	12.6	12.5	11.4
6	9.8	8.0	6.6	6.2	6.9	8.8	11.3	13.7	15.7	16.7	16.3	14.6
Tu	11.9	8.8	5.7	3.2	2.0	2.3	3.8	6.1	8.8	11.2	12.9	13.3
7	12.6	11.1	9.2	7.3	6.4	6.8	8.5	11.0	13.7	16.0	17.3	17.1
W	15.4	12.5	8.9	5.1	2.0	0.3	0.4	2.1	4.9	8.3	11.6	13.9
8	14.8	14.2	12.4	9.9	7.3	5.8	6.0	7.8	10.6	13.8	16.6	18.3
Th	18.3	16.4	13.1	8.8	4.2	0.3	−1.7	−1.5	0.7	4.3	8.6	12.6
9	15.4	16.4	15.6	13.2	9.9	6.6	4.7	4.8	6.9	10.3	14.2	17.6
F	19.6	19.6	17.4	13.4	8.2	2.8	−1.5	−3.6	−2.9	0.0	4.5	9.6
10	14.2	17.2	18.0	16.6	13.4	9.2	5.3	3.2	3.5	6.2	10.3	14.8
Sa	18.7	20.9	20.6	17.9	13.2	7.2	1.2	−3.2	−4.9	−3.6	0.2	5.5
11	11.2	16.0	18.9	19.2	17.0	12.9	7.9	3.7	1.7	2.6	5.8	10.6
Su	15.6	19.7	21.7	21.1	17.7	12.3	5.8	−0.3	−4.4	−5.4	−3.3	1.3
12	7.2	13.2	17.9	20.2	19.7	16.6	11.7	6.4	2.2	0.7	2.1	5.9
M	11.1	16.3	20.3	21.9	20.7	16.8	10.9	4.3	−1.5	−4.9	−4.9	−2.0
13	3.2	9.4	15.2	19.3	20.8	19.4	15.6	10.3	4.9	1.1	0.2	2.2
Tu	6.4	11.7	16.7	20.2	21.3	19.5	15.2	9.3	3.1	−1.9	−4.3	−3.4
14	0.3	5.7	11.6	16.8	20.0	20.6	18.4	14.1	8.7	3.8	0.7	0.4
W	2.8	7.1	12.0	16.5	19.4	19.9	17.7	13.4	7.9	2.4	−1.5	−2.7
15	−1.0	3.0	8.2	13.5	17.8	20.0	19.6	16.9	12.5	7.5	3.2	0.9
Th	1.2	3.7	7.6	12.0	15.8	17.9	17.9	15.6	11.6	6.9	2.6	−0.1
16	−0.4	1.8	5.7	10.3	14.8	18.0	19.2	18.2	15.2	11.1	6.7	3.2
F	1.6	2.2	4.5	7.9	11.5	14.5	16.0	15.7	13.6	10.4	6.7	3.5
17	1.9	2.3	4.6	8.0	11.9	15.3	17.5	18.0	16.5	13.7	10.1	6.5
Sa	3.7	2.6	3.2	5.1	7.7	10.6	12.9	14.1	13.8	12.2	9.8	7.2
18	5.0	4.1	4.8	6.9	9.7	12.6	15.1	16.6	16.5	15.1	12.6	9.6
Su	6.7	4.5	3.5	3.8	5.2	7.1	9.4	11.3	12.4	12.4	11.5	10.0
19	8.2	6.8	6.2	6.8	8.3	10.4	12.7	14.6	15.6	15.4	14.1	12.1
M	9.6	7.1	5.1	4.0	3.9	4.8	6.3	8.3	10.2	11.5	11.9	11.7
20	10.8	9.5	8.2	7.6	7.8	8.9	10.5	12.4	13.9	14.8	14.7	13.7
Tu	12.1	9.9	7.4	5.3	3.9	3.5	4.0	5.4	7.5	9.6	11.3	12.3
21	12.4	11.8	10.5	9.1	8.1	8.1	8.8	10.2	12.0	13.6	14.7	14.7
W	13.9	12.3	10.0	7.3	4.8	3.1	2.6	3.2	4.9	7.3	9.9	12.0
22	13.2	13.5	12.6	11.0	9.1	7.8	7.5	8.3	9.9	12.0	13.9	15.1
Th	15.3	14.4	12.5	9.7	6.5	3.7	1.9	1.5	2.6	4.9	8.0	11.0
23	13.4	14.5	14.4	13.0	10.7	8.3	6.8	6.7	7.8	9.9	12.5	14.8
F	16.1	16.2	14.9	12.3	8.8	5.0	2.1	0.6	0.8	2.6	5.7	9.4
24	12.8	15.0	15.7	14.9	12.6	9.6	6.9	5.6	5.9	7.7	10.5	13.6
Sa	16.1	17.3	16.9	14.8	11.4	7.1	3.1	0.3	−0.5	0.7	3.5	7.4
25	11.5	14.8	16.6	16.5	14.6	11.4	7.9	5.3	4.4	5.5	8.1	11.6
Su	15.1	17.6	18.3	17.0	14.0	9.7	5.0	1.1	−1.0	−0.8	1.4	5.2
26	9.7	13.9	16.7	17.6	16.4	13.5	9.6	5.9	3.7	3.7	5.8	9.2
M	13.2	16.7	18.7	18.6	16.3	12.4	7.5	2.7	−0.6	−1.6	−0.2	3.2
27	7.7	12.3	16.1	18.1	17.9	15.6	11.8	7.5	4.1	2.7	3.7	6.7
Tu	10.7	14.8	17.9	19.1	18.1	14.9	10.2	5.2	0.9	−1.5	−1.2	1.5
28	5.7	10.5	14.9	17.9	18.7	17.2	13.9	9.6	5.4	2.7	2.3	4.3
W	8.0	12.2	16.0	18.5	18.8	16.8	12.8	7.9	3.2	−0.2	−1.3	0.3
29	4.0	8.6	13.2	16.9	18.8	18.3	15.7	11.7	7.3	3.7	1.9	2.6
Th	5.4	9.4	13.5	16.7	18.3	17.7	14.9	10.6	5.9	1.9	−0.3	0.0
30	2.7	6.9	11.4	15.5	18.1	18.8	17.1	13.8	9.5	5.4	2.6	1.8
F	3.4	6.6	10.6	14.1	16.6	17.4	16.0	12.8	8.7	4.6	1.7	0.7
31	2.1	5.4	9.7	13.8	16.9	18.5	18.0	15.5	11.7	7.6	4.1	2.1
Sa	2.2	4.3	7.6	11.1	14.1	15.8	15.9	14.2	11.1	7.5	4.3	2.4

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 59° 27′N Long. 151° 43′W

FEBRUARY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	2.4	4.5	8.0	11.9	15.3	17.5	18.0	16.7	13.8	10.1	6.4	3.5
Su	2.2	2.7	4.9	7.9	10.9	13.2	14.5	14.3	12.6	10.0	7.2	4.9
2	3.8	4.4	6.6	9.9	13.2	15.8	17.3	17.2	15.6	12.6	9.2	6.0
M	3.6	2.5	3.1	4.9	7.4	9.9	11.9	13.0	13.0	11.8	9.8	7.8
3	6.1	5.4	6.1	8.1	10.8	13.5	15.5	16.6	16.4	14.9	12.2	9.2
Tu	6.3	4.0	2.8	2.9	4.3	6.3	8.4	10.4	11.9	12.4	11.8	10.6
4	9.0	7.6	6.8	7.1	8.5	10.6	12.9	14.9	16.0	16.1	14.9	12.7
W	9.9	7.0	4.4	2.6	2.1	2.9	4.6	6.8	9.3	11.4	12.6	12.7
5	12.0	10.6	8.9	7.5	7.1	7.9	9.7	11.9	14.1	15.8	16.5	15.8
Th	13.9	11.1	7.7	4.3	1.8	0.6	1.0	2.8	5.6	8.8	11.8	13.7
6	14.4	13.7	11.9	9.5	7.3	6.1	6.5	8.2	10.8	13.7	16.2	17.5
F	17.2	15.3	12.1	8.0	3.7	0.3	−1.3	−0.8	1.5	5.2	9.3	13.1
7	15.6	16.3	15.2	12.6	9.2	6.1	4.3	4.6	6.7	10.1	13.9	17.1
Sa	18.9	18.8	16.6	12.6	7.5	2.4	−1.5	−3.0	−2.0	1.1	5.8	10.8
8	15.1	17.7	18.0	16.2	12.5	8.0	4.2	2.3	2.9	5.7	9.9	14.5
Su	18.4	20.4	20.0	17.2	12.4	6.4	0.7	−3.2	−4.2	−2.3	1.9	7.4
9	13.1	17.5	19.7	19.2	16.2	11.4	6.2	2.0	0.4	1.7	5.3	10.4
M	15.6	19.7	21.5	20.5	16.9	11.3	4.8	−0.9	−4.3	−4.4	−1.4	3.7
10	9.9	15.6	19.6	21.0	19.4	15.3	9.7	4.0	0.1	−0.8	1.3	5.7
Tu	11.3	16.7	20.5	21.8	20.1	15.7	9.6	3.1	−2.1	−4.4	−3.3	0.6
11	6.3	12.6	18.0	21.1	21.3	18.5	13.6	7.5	2.1	−1.1	−1.2	1.7
W	6.6	12.3	17.4	20.6	21.1	18.7	13.9	7.7	1.8	−2.3	−3.4	−1.2
12	3.4	9.3	15.2	19.6	21.5	20.4	16.8	11.4	5.5	0.8	−1.4	−0.6
Th	2.9	7.9	13.2	17.6	19.9	19.5	16.6	11.7	6.1	1.2	−1.5	−1.3
13	1.7	6.6	12.1	17.0	20.1	20.7	18.7	14.5	9.2	4.0	0.3	−0.8
F	0.8	4.4	9.0	13.6	17.0	18.4	17.4	14.3	9.9	5.3	1.7	0.3
14	1.5	4.9	9.4	14.0	17.7	19.6	19.0	16.4	12.2	7.5	3.4	0.8
Sa	0.6	2.5	5.8	9.7	13.3	15.7	16.3	15.0	12.2	8.6	5.2	3.0
15	2.7	4.5	7.7	11.5	15.0	17.4	18.1	16.9	14.1	10.4	6.6	3.6
Su	2.0	2.3	4.1	6.8	9.7	12.3	14.0	14.2	13.0	10.8	8.3	6.1
16	4.9	5.2	7.0	9.7	12.5	14.9	16.4	16.3	14.8	12.3	9.4	6.6
M	4.4	3.4	3.8	5.1	7.0	9.1	11.0	12.2	12.4	11.6	10.3	8.8
17	7.4	6.8	7.3	8.7	10.7	12.6	14.1	14.9	14.6	13.3	11.4	9.3
Tu	7.2	5.6	4.7	4.7	5.4	6.6	8.1	9.6	10.8	11.3	11.2	10.6
18	9.8	8.9	8.4	8.6	9.4	10.6	11.9	13.1	13.7	13.6	12.7	11.4
W	9.8	8.1	6.4	5.2	4.7	4.9	5.6	7.0	8.6	10.2	11.2	11.7
19	11.6	11.0	10.0	9.1	8.8	9.1	9.9	11.0	12.2	13.2	13.4	13.1
Th	12.1	10.6	8.7	6.6	4.9	3.9	3.8	4.6	6.3	8.4	10.5	12.1
20	12.9	12.8	11.9	10.4	8.9	8.0	8.0	8.8	10.3	12.0	13.4	14.2
F	14.0	13.0	11.2	8.6	5.9	3.8	2.6	2.7	4.0	6.4	9.2	11.8
21	13.6	14.3	13.7	12.0	9.7	7.7	6.6	6.8	8.0	10.1	12.6	14.5
Sa	15.5	15.2	13.7	11.0	7.7	4.4	2.1	1.3	2.0	4.3	7.5	11.0
22	13.8	15.4	15.5	14.0	11.3	8.2	5.9	5.0	5.7	7.8	10.8	13.9
Su	16.1	16.9	16.0	13.6	10.0	5.9	2.4	0.4	0.4	2.3	5.6	9.6
23	13.4	16.0	16.9	15.9	13.3	9.6	6.0	3.8	3.6	5.3	8.4	12.2
M	15.6	17.7	17.9	16.1	12.7	8.2	3.7	0.4	−0.7	0.5	3.6	7.8
24	12.4	16.0	17.9	17.7	15.4	11.6	7.2	3.7	2.1	2.9	5.7	9.8
Tu	14.0	17.4	19.0	18.2	15.4	10.9	5.9	1.5	−0.9	−0.8	1.8	5.9
25	10.8	15.3	18.3	19.0	17.4	13.8	9.1	4.6	1.5	1.0	3.0	6.9
W	11.5	15.9	18.8	19.4	17.6	13.7	8.7	3.6	−0.1	−1.3	0.3	4.1
26	9.0	13.9	17.8	19.7	19.0	16.0	11.4	6.4	2.2	0.1	0.8	4.0
Th	8.5	13.3	17.3	19.4	19.0	16.1	11.6	6.4	1.9	−0.7	−0.4	2.5
27	7.0	12.1	16.6	19.5	19.9	17.9	13.8	8.7	3.8	0.4	−0.4	1.5
F	5.4	10.2	14.7	17.9	19.1	17.7	14.2	9.4	4.7	1.1	−0.1	1.4
28	5.3	10.1	14.9	18.4	20.0	19.1	15.9	11.3	6.2	1.9	−0.4	−0.1
Sa	2.6	6.9	11.4	15.3	17.7	17.9	15.9	12.1	7.7	3.8	1.4	1.4

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

SELDOVIA, ALASKA, 2009

Lat. 59° 27′N Long. 151° 43′W

MARCH

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	3.9	8.1	12.7	16.7	19.1	19.5	17.6	13.7	9.0	4.4	1.0	−0.3
Su	0.8	3.9	8.0	12.0	15.1	16.6	16.2	13.9	10.4	6.8	3.8	2.5
2	3.5	6.4	10.4	14.4	17.4	18.8	18.3	15.8	11.8	7.5	3.6	1.0
M	0.4	1.9	4.8	8.4	11.6	14.0	15.0	14.4	12.4	9.6	6.8	4.8
3	4.2	5.5	8.3	11.8	14.9	17.1	17.8	16.8	14.3	10.7	7.0	3.8
Tu	1.8	1.4	2.7	5.1	7.9	10.5	12.5	13.4	13.1	11.6	9.6	7.6
4	6.2	5.9	7.0	9.3	12.0	14.4	16.0	16.5	15.7	13.5	10.6	7.5
W	4.8	2.8	2.1	2.8	4.5	6.7	8.9	10.9	12.2	12.5	11.8	10.5
5	9.0	7.7	7.1	7.6	9.1	11.1	13.1	14.7	15.5	15.2	13.8	11.5
Th	8.8	6.0	3.6	2.3	2.2	3.2	5.1	7.5	10.0	11.9	13.0	13.0
6	12.1	10.5	8.6	7.3	7.0	7.8	9.4	11.5	13.6	15.1	15.6	14.8
F	12.9	10.2	6.9	3.8	1.6	0.9	1.7	3.7	6.7	9.9	12.7	14.4
7	14.7	13.7	11.5	8.8	6.5	5.4	5.8	7.6	10.2	13.1	15.5	16.7
Sa	16.4	14.5	11.3	7.2	3.2	0.3	−0.7	0.3	3.0	6.8	11.0	14.5
8	16.4	16.6	14.9	11.7	7.9	4.7	3.2	3.7	5.9	9.4	13.3	16.6
Su	18.3	18.0	15.7	11.7	6.7	2.0	−1.2	−1.9	−0.3	3.3	8.2	13.0
9	16.8	18.5	18.0	15.2	10.9	6.1	2.4	0.9	1.9	5.1	9.5	14.3
M	18.0	19.8	19.1	16.1	11.2	5.4	0.4	−2.5	−2.5	0.2	4.9	10.5
10	15.6	19.1	20.1	18.5	14.5	9.1	3.7	0.0	−0.9	1.0	5.1	10.4
Tu	15.6	19.4	20.7	19.3	15.5	9.8	3.8	−1.0	−3.0	−1.9	1.9	7.3
11	13.3	18.2	20.9	20.8	17.9	12.8	6.7	1.3	−1.8	−1.8	1.1	6.0
W	11.8	17.0	20.3	20.9	18.6	14.0	8.0	2.2	−1.7	−2.5	−0.2	4.4
12	10.3	16.0	20.1	21.6	20.2	16.2	10.4	4.2	−0.6	−2.7	−1.6	2.1
Th	7.5	13.2	17.9	20.4	20.0	17.0	12.0	6.2	1.2	−1.4	−0.9	2.4
13	7.5	13.2	18.1	21.0	21.1	18.5	13.7	7.8	2.2	−1.6	−2.5	−0.4
F	3.9	9.2	14.4	18.2	19.6	18.4	14.9	10.0	4.9	1.1	−0.2	1.5
14	5.4	10.4	15.4	19.1	20.6	19.5	16.0	11.0	5.6	1.0	−1.5	−1.2
Sa	1.5	5.8	10.6	14.9	17.6	18.0	16.2	12.7	8.4	4.3	1.9	1.9
15	4.3	8.3	12.7	16.6	19.0	19.2	17.1	13.4	8.7	4.2	0.9	−0.3
Su	0.8	3.7	7.5	11.4	14.6	16.2	16.0	14.0	10.9	7.4	4.7	3.5
16	4.4	7.0	10.5	14.0	16.7	17.8	17.1	14.6	11.1	7.2	3.8	1.7
M	1.4	2.8	5.4	8.4	11.3	13.5	14.4	13.9	12.1	9.8	7.4	5.8
17	5.4	6.7	9.1	11.8	14.2	15.8	16.1	14.9	12.5	9.6	6.7	4.4
Tu	3.1	3.2	4.5	6.4	8.6	10.6	12.1	12.7	12.2	11.1	9.5	8.1
18	7.2	7.3	8.4	10.1	12.0	13.5	14.4	14.4	13.2	11.3	9.1	7.1
W	5.5	4.6	4.6	5.3	6.6	8.0	9.5	10.7	11.4	11.4	10.9	10.1
19	9.2	8.6	8.5	9.1	10.2	11.3	12.4	13.1	13.1	12.3	11.0	9.5
Th	8.0	6.6	5.6	5.1	5.3	5.9	7.0	8.5	9.9	11.0	11.6	11.6
20	11.1	10.3	9.3	8.8	8.8	9.4	10.2	11.2	12.2	12.6	12.4	11.6
F	10.5	8.9	7.3	5.7	4.8	4.5	5.0	6.2	8.1	10.1	11.6	12.6
21	12.7	12.1	10.8	9.2	8.1	7.7	8.0	9.0	10.5	12.1	13.1	13.3
Sa	12.7	11.4	9.4	7.1	5.0	3.7	3.5	4.3	6.1	8.6	11.2	13.1
22	14.1	13.9	12.6	10.4	8.1	6.5	6.0	6.7	8.3	10.6	12.8	14.3
Su	14.6	13.8	11.9	9.2	6.1	3.6	2.4	2.6	4.2	6.9	10.2	13.2
23	15.1	15.5	14.5	12.2	9.1	6.2	4.4	4.3	5.8	8.3	11.4	14.3
M	15.9	16.0	14.5	11.7	8.0	4.4	2.0	1.3	2.5	5.1	8.8	12.6
24	15.6	16.9	16.5	14.2	10.7	6.8	3.7	2.4	3.1	5.6	9.2	13.0
Tu	16.1	17.5	16.9	14.4	10.6	6.3	2.6	0.6	0.9	3.3	7.1	11.5
25	15.4	17.9	18.2	16.4	12.9	8.4	4.0	1.2	0.8	2.7	6.3	10.7
W	14.9	17.8	18.5	17.0	13.6	8.9	4.3	1.0	0.0	1.6	5.2	9.8
26	14.4	18.0	19.5	18.5	15.3	10.6	5.5	1.3	−0.8	0.0	3.1	7.6
Th	12.6	16.8	19.1	18.9	16.3	12.0	7.0	2.5	0.1	0.4	3.3	7.8
27	12.8	17.2	19.9	20.0	17.7	13.3	7.9	2.6	−1.0	−1.9	0.1	4.2
F	9.4	14.4	18.0	19.5	18.3	14.9	10.1	5.2	1.4	0.1	1.7	5.6
28	10.6	15.5	19.2	20.7	19.5	15.9	10.8	5.1	0.3	−2.3	−2.0	1.0
Sa	5.8	11.0	15.6	18.5	19.0	17.0	13.1	8.4	3.9	1.2	1.1	3.8
29	8.2	13.2	17.5	20.2	20.4	18.1	13.8	8.3	2.9	−1.1	−2.6	−1.3
Su	2.4	7.2	12.1	16.0	18.1	17.8	15.4	11.4	7.1	3.5	1.8	2.8
30	6.0	10.5	15.0	18.4	20.0	19.3	16.3	11.6	6.4	1.7	−1.4	−2.0
M	−0.1	3.7	8.2	12.4	15.5	16.9	16.2	13.7	10.1	6.5	3.9	3.1
31	4.6	8.0	12.0	15.7	18.3	19.0	17.7	14.5	10.1	5.4	1.6	−0.7
Tu	−0.8	1.2	4.6	8.4	11.9	14.4	15.4	14.6	12.5	9.6	6.8	4.9

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 59° 27′N Long. 151° 43′W

APRIL

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	4.6	6.2	9.1	12.5	15.4	17.2	17.5	16.1	13.2	9.4	5.6	2.4
W	0.5	0.5	2.1	4.9	7.9	10.8	13.0	14.0	13.6	12.1	9.9	7.7
2	6.2	5.9	7.1	9.3	11.9	14.1	15.7	16.1	15.0	12.7	9.7	6.5
Th	3.7	1.8	1.4	2.4	4.4	6.9	9.6	11.9	13.3	13.4	12.5	10.9
3	8.9	7.3	6.5	6.9	8.4	10.4	12.4	14.1	15.0	14.6	13.1	10.7
F	7.9	5.0	2.7	1.7	2.0	3.5	5.9	8.7	11.5	13.4	14.1	13.7
4	12.2	9.9	7.7	6.1	5.8	6.7	8.4	10.7	13.0	14.6	15.0	14.1
Sa	12.1	9.2	5.9	3.0	1.4	1.3	2.7	5.3	8.6	12.0	14.5	15.6
5	15.1	13.3	10.3	7.2	4.8	3.9	4.6	6.6	9.5	12.6	15.0	16.0
Su	15.5	13.4	10.1	6.1	2.6	0.6	0.5	2.2	5.5	9.5	13.4	16.2
6	17.2	16.4	13.7	9.8	5.8	2.8	1.7	2.6	5.3	9.0	12.9	16.0
M	17.3	16.7	14.2	10.2	5.6	1.7	−0.3	0.1	2.5	6.6	11.3	15.6
7	18.2	18.7	17.0	13.3	8.4	3.7	0.5	−0.3	1.3	4.8	9.5	14.0
Tu	17.3	18.5	17.5	14.3	9.6	4.5	0.7	−0.7	0.4	3.8	8.6	13.7
8	17.8	19.8	19.4	16.5	11.8	6.2	1.3	−1.5	−1.6	1.0	5.4	10.6
W	15.4	18.5	19.2	17.4	13.5	8.3	3.3	0.0	−0.5	1.6	5.9	11.2
9	16.2	19.6	20.6	19.0	15.1	9.5	3.7	−0.9	−2.8	−1.8	1.7	6.8
Th	12.2	16.8	19.2	19.1	16.5	12.0	6.8	2.2	−0.1	0.5	3.7	8.5
10	13.7	18.2	20.6	20.4	17.6	12.8	6.9	1.4	−2.3	−3.1	−1.0	3.2
F	8.6	13.8	17.7	19.3	18.3	15.0	10.3	5.3	1.7	0.6	2.3	6.2
11	11.1	15.9	19.4	20.5	19.1	15.4	10.2	4.5	−0.2	−2.6	−2.2	0.7
Sa	5.3	10.4	15.0	17.9	18.5	16.7	13.1	8.6	4.4	1.9	2.0	4.6
12	8.7	13.3	17.2	19.5	19.4	17.0	12.8	7.7	2.8	−0.8	−2.0	−0.6
Su	2.8	7.2	11.8	15.4	17.3	17.0	14.8	11.3	7.4	4.2	2.9	4.0
13	6.9	10.9	14.7	17.6	18.6	17.6	14.6	10.4	5.8	1.9	−0.4	−0.5
M	1.5	4.9	8.8	12.4	15.1	16.1	15.2	12.9	9.9	6.8	4.7	4.4
14	6.0	9.0	12.3	15.2	17.0	17.1	15.4	12.3	8.5	4.8	2.0	0.7
Tu	1.3	3.5	6.4	9.6	12.3	14.1	14.5	13.5	11.5	9.1	6.9	5.7
15	6.0	7.8	10.3	12.9	14.8	15.8	15.3	13.4	10.6	7.5	4.7	2.8
W	2.2	3.1	4.9	7.3	9.6	11.7	12.9	13.1	12.3	10.8	9.0	7.6
16	6.9	7.4	8.9	10.8	12.6	13.9	14.3	13.7	11.9	9.6	7.3	5.3
Th	3.9	3.6	4.3	5.7	7.4	9.2	10.9	12.0	12.3	11.8	10.7	9.5
17	8.4	7.9	8.1	9.1	10.4	11.6	12.6	13.0	12.6	11.3	9.6	7.8
F	6.1	4.9	4.5	4.8	5.8	7.1	8.7	10.4	11.6	12.2	12.0	11.3
18	10.2	9.0	8.2	8.0	8.5	9.4	10.5	11.6	12.3	12.2	11.4	10.1
Sa	8.5	6.9	5.5	4.7	4.7	5.4	6.8	8.6	10.5	12.1	12.8	12.8
19	12.0	10.6	9.0	7.6	7.0	7.2	8.1	9.5	11.1	12.2	12.6	12.1
Su	11.0	9.2	7.2	5.4	4.3	4.2	5.1	6.8	9.1	11.5	13.3	14.1
20	13.8	12.5	10.4	8.1	6.2	5.3	5.7	7.0	9.0	11.3	13.0	13.7
M	13.2	11.8	9.5	6.9	4.7	3.5	3.7	5.1	7.5	10.4	13.2	15.0
21	15.4	14.5	12.3	9.3	6.2	4.1	3.4	4.3	6.4	9.3	12.2	14.3
Tu	15.1	14.3	12.2	9.3	6.1	3.6	2.7	3.5	5.7	9.0	12.5	15.3
22	16.8	16.5	14.5	11.2	7.3	3.8	1.7	1.6	3.3	6.5	10.2	13.7
W	15.9	16.4	15.0	12.1	8.4	4.8	2.5	2.2	3.9	7.1	11.1	14.9
23	17.5	18.3	16.9	13.7	9.4	4.7	1.1	−0.5	0.3	3.2	7.3	11.7
Th	15.4	17.4	17.3	15.1	11.4	7.1	3.4	1.6	2.2	5.0	9.1	13.6
24	17.3	19.3	19.0	16.4	12.1	6.9	1.9	−1.4	−2.1	−0.2	3.7	8.6
F	13.4	17.0	18.5	17.5	14.5	10.2	5.7	2.3	1.3	3.0	6.7	11.4
25	15.9	19.3	20.4	18.9	15.2	10.0	4.3	−0.6	−3.2	−2.9	0.1	4.8
Sa	10.1	14.9	18.1	18.8	17.1	13.4	8.8	4.4	1.7	1.7	4.3	8.7
26	13.6	17.9	20.4	20.6	18.1	13.5	7.7	2.0	−2.3	−4.1	−2.8	1.0
Su	6.2	11.5	15.9	18.4	18.5	16.1	12.1	7.5	3.6	1.7	2.6	5.9
27	10.5	15.3	19.0	20.7	19.9	16.6	11.6	5.8	0.4	−3.2	−4.0	−1.9
M	2.2	7.4	12.3	16.2	18.0	17.5	14.9	10.9	6.7	3.4	2.3	3.8
28	7.4	11.9	16.2	19.1	20.1	18.7	15.0	9.9	4.5	−0.2	−3.0	−3.2
Tu	−0.7	3.4	8.1	12.6	15.8	17.1	16.3	13.7	10.1	6.4	3.8	3.3
29	5.1	8.5	12.5	16.1	18.5	18.9	17.2	13.6	8.9	4.1	0.1	−2.1
W	−1.9	0.5	4.3	8.4	12.3	15.0	16.1	15.3	12.9	9.8	6.7	4.6
30	4.3	5.9	8.9	12.3	15.2	17.1	17.4	15.8	12.6	8.6	4.4	1.0
Th	−0.8	−0.5	1.5	4.7	8.3	11.7	14.2	15.3	14.7	12.8	10.1	7.3

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

SELDOVIA, ALASKA, 2009

Lat. 59° 27′N Long. 151° 43′W

MAY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	5.4	4.9	6.1	8.4	11.1	13.7	15.4	15.9	14.7	12.2	8.9	5.4
F	2.3	0.6	0.6	2.1	4.8	7.9	11.2	13.7	14.9	14.7	13.1	10.7
2	8.0	5.9	5.0	5.5	7.2	9.5	11.9	13.9	14.8	14.3	12.5	9.8
Sa	6.6	3.6	1.7	1.3	2.4	4.7	7.8	11.1	13.8	15.3	15.3	13.9
3	11.4	8.4	5.8	4.3	4.2	5.5	7.7	10.3	12.8	14.3	14.4	13.2
Su	10.9	7.7	4.6	2.3	1.6	2.5	4.7	8.0	11.5	14.5	16.1	16.2
4	14.6	11.8	8.2	5.0	2.9	2.5	3.7	6.1	9.3	12.4	14.4	15.1
M	14.1	11.8	8.5	5.0	2.5	1.6	2.6	5.2	8.8	12.6	15.7	17.3
5	17.0	15.0	11.5	7.3	3.5	1.1	0.8	2.3	5.3	9.1	12.7	15.1
Tu	15.9	14.9	12.3	8.6	4.9	2.3	1.7	3.1	6.1	10.2	14.2	17.2
6	18.4	17.5	14.8	10.5	5.7	1.6	-0.6	-0.6	1.6	5.3	9.6	13.6
W	16.1	16.7	15.4	12.3	8.2	4.3	2.0	1.9	4.0	7.6	11.9	15.9
7	18.5	19.0	17.3	13.7	8.8	3.7	-0.3	-2.0	-1.2	1.8	6.1	10.9
Th	14.8	17.1	17.2	15.2	11.6	7.3	3.7	1.9	2.6	5.3	9.4	13.9
8	17.5	19.3	18.9	16.3	11.9	6.6	1.6	-1.8	-2.6	-0.9	2.8	7.6
F	12.4	16.0	17.7	17.1	14.5	10.5	6.2	3.1	2.2	3.7	7.1	11.4
9	15.6	18.6	19.5	18.1	14.6	9.7	4.4	-0.1	-2.6	-2.3	0.3	4.5
Sa	9.4	13.9	16.9	17.7	16.4	13.3	9.1	5.2	2.9	2.9	5.2	9.0
10	13.3	17.0	19.0	18.9	16.5	12.5	7.4	2.5	-1.2	-2.5	-1.3	2.0
Su	6.4	11.1	14.9	17.1	17.1	15.2	11.8	7.8	4.5	3.1	4.1	7.0
11	10.8	14.7	17.6	18.7	17.6	14.6	10.3	5.4	1.1	-1.5	-1.7	0.3
M	3.9	8.2	12.3	15.4	16.7	16.0	13.7	10.3	6.8	4.4	3.9	5.6
12	8.7	12.3	15.5	17.6	17.8	15.9	12.5	8.2	3.9	0.6	-1.0	-0.3
Tu	2.2	5.7	9.6	13.0	15.3	15.9	14.7	12.2	9.1	6.3	4.8	5.0
13	7.1	10.1	13.2	15.7	16.9	16.3	14.0	10.6	6.7	3.1	0.7	0.1
W	1.3	3.9	7.2	10.4	13.2	14.8	14.8	13.4	11.1	8.5	6.3	5.5
14	6.2	8.3	10.9	13.4	15.2	15.7	14.7	12.3	9.1	5.8	3.0	1.4
Th	1.4	2.9	5.3	8.1	10.8	13.0	14.1	13.8	12.4	10.4	8.3	6.7
15	6.3	7.1	9.0	11.1	13.0	14.3	14.4	13.2	11.0	8.2	5.5	3.4
F	2.4	2.7	4.2	6.3	8.7	11.0	12.8	13.5	13.2	11.9	10.1	8.4
16	7.1	6.8	7.5	9.0	10.7	12.2	13.2	13.2	12.2	10.2	7.9	5.8
Sa	4.1	3.3	3.7	5.1	7.0	9.1	11.1	12.7	13.4	13.0	11.8	10.2
17	8.5	7.2	6.8	7.3	8.4	9.8	11.2	12.3	12.5	11.7	10.1	8.2
Su	6.3	4.8	4.1	4.4	5.7	7.4	9.5	11.6	13.1	13.7	13.2	12.0
18	10.2	8.3	6.8	6.0	6.3	7.3	8.8	10.5	11.8	12.3	11.8	10.5
M	8.7	6.8	5.2	4.4	4.7	6.0	7.9	10.2	12.4	14.0	14.4	13.8
19	12.1	10.0	7.6	5.6	4.6	4.9	6.1	8.0	10.1	11.9	12.8	12.5
Tu	11.3	9.4	7.2	5.3	4.4	4.8	6.3	8.6	11.2	13.6	15.2	15.4
20	14.3	12.1	9.2	6.2	3.8	2.8	3.3	5.0	7.6	10.4	12.7	13.8
W	13.6	12.1	9.8	7.2	5.1	4.1	4.7	6.7	9.6	12.6	15.3	16.6
21	16.4	14.5	11.5	7.8	4.2	1.6	0.8	1.8	4.3	7.7	11.2	13.9
Th	15.1	14.7	12.8	9.9	6.8	4.4	3.6	4.8	7.4	10.9	14.4	17.0
22	18.0	17.1	14.4	10.4	5.9	1.8	-0.8	-1.1	0.8	4.2	8.4	12.4
F	15.3	16.4	15.6	13.1	9.6	6.0	3.6	3.2	5.0	8.4	12.4	16.2
23	18.7	19.1	17.4	13.8	8.9	3.8	-0.5	-2.8	-2.4	0.3	4.6	9.4
Sa	13.8	16.7	17.4	16.0	12.9	8.8	5.1	2.8	3.0	5.5	9.6	14.0
24	17.8	20.0	19.8	17.2	12.8	7.2	1.6	-2.5	-4.2	-3.0	0.5	5.5
Su	10.7	15.1	17.7	18.0	15.9	12.2	7.8	4.1	2.3	3.1	6.3	10.8
25	15.4	19.0	20.7	19.9	16.6	11.4	5.5	-0.1	-3.9	-4.9	-3.0	1.2
M	6.5	11.9	16.1	18.3	18.0	15.4	11.3	6.9	3.3	2.1	3.5	7.2
26	11.9	16.4	19.7	20.8	19.4	15.6	10.1	4.1	-1.3	-4.5	-4.8	-2.3
Tu	2.3	7.6	12.8	16.6	18.3	17.5	14.6	10.4	6.1	3.0	2.2	4.1
27	7.9	12.5	16.7	19.6	20.2	18.4	14.3	8.9	3.1	-1.7	-4.3	-4.0
W	-1.1	3.4	8.6	13.4	16.7	18.0	16.8	13.8	9.7	5.7	3.0	2.6
28	4.7	8.3	12.6	16.3	18.8	19.1	17.1	13.1	8.0	2.8	-1.4	-3.3
Th	-2.7	0.3	4.6	9.3	13.6	16.6	17.4	16.1	13.2	9.3	5.6	3.3
29	3.1	5.0	8.2	12.0	15.3	17.4	17.6	15.8	12.2	7.7	3.1	-0.4
F	-1.9	-1.1	1.7	5.6	9.9	13.8	16.3	17.0	15.6	12.8	9.2	5.8
30	3.6	3.3	4.9	7.6	10.8	13.8	15.8	16.1	14.6	11.6	7.8	3.9
Sa	0.9	-0.3	0.5	3.0	6.4	10.3	13.9	16.1	16.6	15.4	12.8	9.4
31	6.1	3.8	3.2	4.3	6.5	9.3	12.1	14.2	14.8	13.8	11.5	8.4
Su	5.0	2.4	1.3	1.9	4.0	7.2	10.8	14.0	16.1	16.5	15.4	12.8

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 59° 27′N Long. 151° 43′W

JUNE

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	9.5	6.1	3.7	2.7	3.3	5.2	7.8	10.7	13.0	14.0	13.6	11.8
M	9.2	6.2	3.7	2.5	3.0	4.9	7.9	11.3	14.4	16.3	16.7	15.4
2	12.9	9.4	5.8	3.1	1.8	2.1	3.9	6.6	9.7	12.3	13.8	13.8
Tu	12.4	10.0	7.1	4.6	3.4	3.8	5.7	8.6	12.0	15.0	16.7	16.9
3	15.5	12.7	8.9	5.1	2.1	0.7	1.0	3.0	6.0	9.5	12.4	14.1
W	14.3	13.1	10.6	7.6	5.1	3.9	4.4	6.4	9.4	12.9	15.7	17.2
4	17.1	15.3	12.1	8.0	3.9	0.8	-0.4	0.3	2.7	6.1	9.9	13.0
Th	14.8	14.9	13.5	10.8	7.6	5.1	4.1	4.8	7.2	10.5	13.9	16.5
5	17.7	17.0	14.8	11.1	6.6	2.4	-0.4	-1.2	0.1	3.0	6.9	11.0
F	14.1	15.6	15.4	13.6	10.5	7.1	4.7	4.1	5.4	8.1	11.6	15.0
6	17.3	17.9	16.7	13.8	9.6	4.9	0.9	-1.4	-1.4	0.5	4.0	8.3
Sa	12.3	15.2	16.2	15.5	13.1	9.6	6.3	4.3	4.3	6.1	9.3	12.9
7	16.1	17.9	17.9	15.9	12.4	7.8	3.1	-0.4	-1.9	-1.1	1.6	5.5
Su	9.9	13.7	16.0	16.5	15.0	12.1	8.5	5.4	4.0	4.7	7.1	10.6
8	14.2	17.0	18.2	17.3	14.7	10.6	5.9	1.5	-1.3	-1.9	-0.3	3.0
M	7.3	11.6	14.9	16.5	16.2	14.1	10.8	7.3	4.7	4.0	5.4	8.3
9	11.9	15.3	17.6	18.0	16.4	13.1	8.7	4.1	0.3	-1.6	-1.3	1.1
Tu	4.8	9.1	13.0	15.7	16.5	15.5	12.9	9.5	6.2	4.3	4.4	6.4
10	9.6	13.1	16.0	17.6	17.2	14.9	11.3	6.8	2.6	-0.4	-1.3	-0.1
W	2.8	6.7	10.7	14.0	16.0	16.1	14.4	11.6	8.3	5.5	4.3	5.1
11	7.5	10.7	13.9	16.3	17.1	16.0	13.3	9.4	5.3	1.7	-0.4	-0.4
Th	1.5	4.7	8.4	12.0	14.7	15.9	15.3	13.3	10.3	7.4	5.2	4.7
12	6.0	8.5	11.5	14.2	15.9	16.1	14.6	11.6	7.8	4.2	1.4	0.2
F	0.9	3.3	6.5	9.9	12.9	14.9	15.4	14.4	12.1	9.3	6.8	5.2
13	5.2	6.8	9.2	11.8	14.0	15.1	14.9	13.0	10.0	6.7	3.7	1.7
Sa	1.3	2.6	5.1	8.1	11.1	13.6	15.0	14.9	13.5	11.1	8.6	6.4
14	5.3	5.6	7.2	9.4	11.6	13.3	14.1	13.6	11.7	9.0	6.1	3.8
Su	2.5	2.6	4.2	6.7	9.5	12.1	14.1	14.9	14.4	12.7	10.4	8.1
15	6.2	5.3	5.7	7.2	9.1	11.0	12.5	13.1	12.6	10.9	8.5	6.2
M	4.3	3.5	3.9	5.6	8.0	10.6	12.9	14.4	14.9	14.1	12.3	9.9
16	7.6	5.7	4.9	5.2	6.5	8.3	10.2	11.7	12.4	12.1	10.6	8.7
Tu	6.7	5.2	4.5	5.0	6.7	9.0	11.4	13.5	14.9	15.1	14.1	12.0
17	9.5	7.0	5.0	4.0	4.2	5.5	7.3	9.4	11.2	12.3	12.2	11.1
W	9.4	7.5	5.9	5.2	5.7	7.3	9.6	12.1	14.2	15.6	15.6	14.3
18	12.0	9.1	6.2	3.8	2.6	2.8	4.2	6.3	8.9	11.2	12.7	12.9
Th	12.0	10.3	8.3	6.4	5.4	5.8	7.5	10.0	12.7	15.1	16.5	16.4
19	14.8	12.0	8.6	5.1	2.3	0.8	1.0	2.8	5.6	8.8	11.7	13.6
F	14.1	13.1	11.2	8.7	6.4	5.1	5.5	7.5	10.4	13.5	16.1	17.6
20	17.3	15.3	12.0	7.9	3.7	0.4	-1.2	-0.6	1.8	5.3	9.2	12.7
Sa	14.9	15.4	14.2	11.7	8.6	5.8	4.4	5.0	7.3	10.8	14.4	17.4
21	18.9	18.3	15.8	11.7	6.8	2.0	-1.6	-3.0	-1.9	1.2	5.5	10.1
Su	14.0	16.4	16.6	14.9	11.8	8.0	4.8	3.4	4.3	7.3	11.3	15.4
22	18.6	20.0	19.1	16.0	11.2	5.6	0.2	-3.4	-4.4	-2.7	1.2	6.2
M	11.4	15.5	17.7	17.5	15.2	11.4	7.1	3.7	2.5	3.9	7.4	11.9
23	16.4	19.7	20.9	19.5	15.7	10.3	4.2	-1.3	-4.7	-5.1	-2.7	1.9
Tu	7.4	12.8	16.9	18.7	17.9	14.9	10.5	5.9	2.6	1.7	3.7	7.6
24	12.5	17.1	20.3	21.1	19.3	15.0	9.2	2.9	-2.4	-5.3	-5.0	-1.9
W	3.1	8.9	14.2	18.0	19.2	17.8	14.3	9.5	4.8	1.7	1.4	3.7
25	7.9	12.9	17.4	20.3	20.7	18.5	13.9	8.0	1.9	-2.9	-5.0	-4.0
Th	-0.4	4.8	10.5	15.5	18.6	19.2	17.3	13.4	8.4	3.9	1.3	1.4
26	4.0	8.2	12.9	17.0	19.5	19.6	17.2	12.6	7.0	1.5	-2.5	-3.9
F	-2.4	1.5	6.6	11.9	16.3	18.8	18.8	16.5	12.4	7.6	3.5	1.3
27	1.6	4.2	8.1	12.4	16.1	18.2	18.0	15.6	11.4	6.4	1.7	-1.5
Sa	-2.1	-0.2	3.6	8.3	13.0	16.8	18.6	18.1	15.5	11.5	7.1	3.4
28	1.6	2.0	4.3	7.8	11.5	14.7	16.5	16.3	14.1	10.5	6.3	2.5
Su	0.2	0.1	2.0	5.5	9.7	13.8	16.8	18.0	17.2	14.6	10.9	6.9
29	3.7	2.0	2.3	4.2	7.1	10.3	13.1	14.7	14.6	13.0	10.2	6.9
M	3.9	2.2	2.3	4.1	7.1	10.7	14.1	16.5	17.3	16.3	13.9	10.6
30	7.0	4.0	2.3	2.3	3.8	6.2	9.0	11.6	13.2	13.5	12.4	10.4
Tu	7.8	5.4	4.0	4.1	5.7	8.2	11.2	14.1	16.1	16.6	15.6	13.4

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

SELDOVIA, ALASKA, 2009

Lat. 59° 27′N Long. 151° 43′W

JULY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	10.4	7.0	4.1	2.4	2.1	3.1	5.2	7.9	10.5	12.3	13.0	12.5
W	11.0	8.9	6.8	5.4	5.4	6.6	8.8	11.5	14.0	15.7	16.2	15.3
2	13.2	10.3	7.0	4.0	2.1	1.6	2.5	4.5	7.2	10.0	12.1	13.1
Th	13.0	11.8	9.8	7.6	6.2	6.0	7.1	9.1	11.6	14.1	15.7	16.0
3	15.1	13.1	10.0	6.6	3.4	1.4	0.9	1.9	4.1	7.2	10.2	12.6
F	13.8	13.7	12.4	10.2	7.9	6.3	6.1	7.2	9.3	11.9	14.4	16.0
4	16.2	15.1	12.8	9.4	5.7	2.5	0.5	0.3	1.7	4.4	7.8	11.1
Sa	13.6	14.7	14.4	12.6	10.0	7.4	5.9	5.8	7.2	9.7	12.6	15.1
5	16.5	16.5	15.0	12.2	8.4	4.4	1.2	-0.4	-0.1	1.9	5.2	9.1
Su	12.5	14.8	15.5	14.6	12.3	9.2	6.5	5.1	5.5	7.5	10.4	13.5
6	16.1	17.3	16.7	14.6	11.2	6.9	2.8	-0.1	-1.0	0.1	2.8	6.7
M	10.8	14.1	15.9	16.0	14.3	11.4	7.9	5.3	4.5	5.5	8.1	11.4
7	14.8	17.1	17.8	16.6	13.7	9.6	5.0	1.1	-1.1	-1.2	0.8	4.3
Tu	8.6	12.7	15.6	16.7	15.9	13.5	9.9	6.5	4.3	4.1	5.9	9.1
8	12.7	16.0	17.9	17.9	15.9	12.3	7.7	3.1	-0.3	-1.6	-0.6	2.3
W	6.3	10.7	14.5	16.7	16.9	15.3	12.1	8.3	5.1	3.6	4.3	6.8
9	10.3	14.0	16.9	18.2	17.3	14.5	10.4	5.7	1.5	-1.1	-1.3	0.7
Th	4.3	8.6	12.8	15.9	17.3	16.5	14.0	10.4	6.7	4.1	3.4	4.9
10	7.9	11.6	15.1	17.4	17.8	16.1	12.7	8.3	3.9	0.4	-1.0	-0.1
F	2.7	6.7	10.9	14.6	16.8	17.1	15.5	12.4	8.7	5.4	3.5	3.7
11	5.9	9.1	12.6	15.6	17.1	16.8	14.4	10.7	6.5	2.6	0.2	-0.1
Sa	1.8	5.1	9.1	12.9	15.8	17.1	16.4	14.1	10.7	7.2	4.5	3.5
12	4.4	6.9	10.1	13.2	15.5	16.3	15.3	12.6	8.9	5.2	2.2	0.8
Su	1.5	4.0	7.6	11.3	14.4	16.4	16.7	15.3	12.5	9.2	6.1	4.0
13	3.7	5.1	7.7	10.6	13.2	14.9	15.1	13.7	11.0	7.7	4.6	2.5
M	2.1	3.5	6.3	9.7	12.9	15.3	16.5	16.0	14.0	11.1	8.0	5.3
14	3.9	4.0	5.5	8.0	10.5	12.6	13.9	13.8	12.3	9.9	7.2	4.8
Tu	3.5	3.7	5.5	8.3	11.3	13.9	15.7	16.2	15.2	13.0	10.1	7.2
15	4.9	3.8	4.0	5.5	7.7	9.9	11.7	12.8	12.8	11.5	9.6	7.4
W	5.7	4.9	5.3	7.0	9.6	12.2	14.4	15.8	15.9	14.7	12.4	9.6
16	6.9	4.7	3.5	3.6	4.9	6.8	8.8	10.7	12.0	12.2	11.5	10.0
Th	8.3	6.8	6.0	6.3	7.8	10.1	12.5	14.5	15.8	15.9	14.7	12.4
17	9.7	6.9	4.4	2.9	2.6	3.6	5.4	7.7	9.9	11.6	12.4	12.2
F	11.1	9.5	7.9	6.7	6.7	7.8	9.9	12.3	14.5	16.0	16.3	15.3
18	13.0	10.1	6.8	3.8	1.7	1.1	2.0	4.0	6.7	9.6	12.0	13.4
Sa	13.4	12.4	10.6	8.4	6.7	6.2	7.2	9.3	12.0	14.7	16.6	17.3
19	16.4	14.0	10.6	6.6	2.8	0.1	-0.8	0.3	2.8	6.3	10.0	13.1
Su	14.9	15.0	13.7	11.2	8.3	5.9	5.0	6.0	8.5	11.8	15.2	17.7
20	18.7	17.7	14.9	10.7	5.9	1.3	-1.8	-2.6	-1.1	2.2	6.6	11.1
M	14.8	16.7	16.6	14.6	11.2	7.4	4.4	3.5	4.8	7.9	12.0	16.0
21	19.0	20.1	18.8	15.4	10.4	4.7	-0.4	-3.6	-4.0	-1.8	2.5	7.7
Tu	12.9	16.7	18.4	17.7	14.8	10.5	5.9	2.7	1.9	3.8	7.6	12.4
22	17.0	20.3	21.2	19.5	15.4	9.6	3.3	-2.0	-4.9	-4.6	-1.5	3.6
W	9.5	14.9	18.6	19.7	18.1	14.3	9.2	4.2	1.1	0.8	3.3	7.8
23	13.1	17.9	21.1	21.6	19.3	14.6	8.3	1.8	-3.2	-5.3	-4.1	-0.1
Th	5.5	11.7	16.9	20.0	20.3	17.8	13.2	7.6	2.6	-0.1	0.2	3.3
24	8.2	13.6	18.4	21.2	21.2	18.4	13.2	6.9	0.7	-3.5	-4.7	-2.6
F	2.0	7.9	13.9	18.5	20.8	20.1	16.8	11.7	6.1	1.4	-0.7	0.2
25	3.7	8.7	14.0	18.3	20.5	20.0	16.8	11.6	5.7	0.3	-2.9	-3.0
Sa	-0.2	4.6	10.3	15.6	19.4	20.6	19.1	15.3	10.1	4.8	0.9	-0.5
26	0.9	4.4	9.1	13.8	17.5	19.0	18.1	14.9	10.2	5.0	0.7	-1.3
Su	-0.6	2.5	7.2	12.3	16.7	19.4	19.7	17.6	13.7	8.9	4.2	1.1
27	0.3	1.8	5.1	9.2	13.1	16.0	17.1	16.0	13.1	9.2	5.1	2.0
M	0.9	2.1	5.2	9.3	13.5	16.9	18.6	18.3	15.9	12.3	8.1	4.2
28	1.8	1.3	2.8	5.5	8.8	12.0	14.3	15.1	14.2	11.9	8.9	5.9
Tu	3.8	3.3	4.7	7.4	10.7	13.9	16.4	17.4	16.7	14.5	11.3	7.9
29	4.8	2.8	2.4	3.5	5.5	8.1	10.6	12.6	13.4	12.9	11.4	9.3
W	7.2	5.7	5.5	6.7	8.7	11.2	13.7	15.5	16.1	15.3	13.5	11.0
30	8.1	5.5	3.7	3.1	3.6	5.1	7.1	9.4	11.2	12.3	12.3	11.6
Th	10.2	8.6	7.4	7.0	7.7	9.2	11.1	13.1	14.6	15.1	14.6	13.2
31	11.1	8.6	6.1	4.2	3.2	3.3	4.3	6.2	8.5	10.6	12.0	12.6
F	12.3	11.3	9.7	8.3	7.6	7.9	9.0	10.6	12.5	14.0	14.8	14.5

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 59° 27′N Long. 151° 43′W

AUGUST

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	13.4	11.5	8.9	6.2	4.0	2.7	2.6	3.6	5.7	8.3	10.8	12.6
Sa	13.4	13.3	12.0	10.2	8.4	7.4	7.4	8.5	10.3	12.4	14.2	15.1
2	15.0	13.8	11.7	8.7	5.6	3.1	1.7	1.8	3.2	5.8	8.9	11.8
Su	13.8	14.6	14.0	12.3	9.8	7.6	6.5	6.6	8.0	10.3	12.9	15.0
3	16.0	15.7	14.2	11.4	7.8	4.3	1.7	0.7	1.3	3.5	6.8	10.4
M	13.4	15.2	15.5	14.3	11.7	8.6	6.3	5.3	6.0	8.0	11.0	14.0
4	16.2	17.0	16.3	14.0	10.4	6.3	2.5	0.3	−0.1	1.5	4.6	8.5
Tu	12.4	15.3	16.5	16.0	13.7	10.4	6.9	4.7	4.3	5.8	8.6	12.2
5	15.5	17.6	17.9	16.3	13.1	8.7	4.2	0.7	−0.8	−0.1	2.6	6.5
W	10.9	14.7	17.0	17.3	15.7	12.4	8.5	5.0	3.3	3.8	6.2	9.9
6	13.8	17.0	18.6	18.0	15.5	11.4	6.6	2.1	−0.6	−1.0	0.9	4.5
Th	9.1	13.5	16.8	18.1	17.3	14.5	10.5	6.3	3.3	2.5	4.0	7.3
7	11.4	15.4	18.2	18.9	17.4	13.9	9.2	4.3	0.5	−1.1	−0.2	2.8
F	7.2	11.9	15.9	18.3	18.4	16.3	12.6	8.2	4.3	2.2	2.4	4.9
8	8.8	13.0	16.7	18.7	18.4	16.0	11.8	7.0	2.6	−0.2	−0.6	1.6
Sa	5.5	10.1	14.5	17.6	18.8	17.6	14.6	10.4	6.0	2.8	1.7	3.0
9	6.3	10.4	14.3	17.3	18.4	17.2	14.0	9.6	5.1	1.6	0.1	1.0
Su	4.2	8.5	12.9	16.5	18.5	18.4	16.1	12.4	8.1	4.3	2.0	2.0
10	4.1	7.7	11.6	15.0	17.1	17.3	15.4	11.9	7.8	4.0	1.6	1.3
M	3.4	7.0	11.2	14.9	17.5	18.4	17.2	14.2	10.2	6.3	3.2	1.9
11	2.7	5.3	8.8	12.3	14.9	16.2	15.7	13.5	10.2	6.7	3.9	2.6
Tu	3.3	5.9	9.6	13.3	16.2	17.8	17.6	15.6	12.3	8.5	5.1	2.8
12	2.3	3.5	6.2	9.3	12.1	14.1	14.9	14.1	12.0	9.2	6.4	4.6
W	4.1	5.4	8.1	11.4	14.4	16.5	17.3	16.5	14.2	11.0	7.6	4.8
13	3.0	2.8	4.1	6.4	9.0	11.3	12.9	13.5	12.8	11.1	9.0	7.1
Th	5.8	5.8	7.1	9.5	12.2	14.6	16.1	16.5	15.6	13.4	10.5	7.6
14	5.1	3.5	3.1	4.1	5.9	8.0	10.0	11.6	12.4	12.2	11.2	9.7
F	8.3	7.2	7.0	7.9	9.8	12.0	14.0	15.4	15.9	15.2	13.4	10.9
15	8.2	5.7	3.7	2.9	3.2	4.6	6.5	8.6	10.6	12.1	12.6	12.1
Sa	11.0	9.6	8.2	7.5	7.8	9.2	11.1	13.2	14.9	15.9	15.7	14.3
16	12.0	9.1	6.1	3.5	1.9	1.7	2.9	5.0	7.7	10.5	12.7	13.8
Su	13.7	12.5	10.6	8.5	6.9	6.7	7.8	9.8	12.4	14.8	16.5	16.9
17	15.8	13.4	10.0	6.1	2.6	0.3	−0.1	1.2	4.0	7.6	11.3	14.2
M	15.6	15.4	13.8	10.9	7.8	5.5	4.8	6.0	8.6	11.9	15.3	17.8
18	18.6	17.4	14.6	10.3	5.4	1.1	−1.5	−1.8	0.2	3.8	8.5	13.0
Tu	16.3	17.7	17.0	14.3	10.4	6.3	3.4	2.7	4.3	7.8	12.1	16.3
19	19.3	20.2	18.7	15.1	9.9	4.1	−0.7	−3.2	−2.8	0.1	4.8	10.3
W	15.4	18.6	19.5	17.9	14.0	9.0	4.2	1.1	0.9	3.3	7.6	12.8
20	17.6	20.8	21.4	19.3	14.8	8.7	2.5	−2.3	−4.1	−2.8	1.1	6.8
Th	12.9	17.9	20.6	20.6	17.8	12.8	7.0	1.9	−0.8	−0.3	2.9	8.1
21	13.8	18.8	21.7	21.7	18.8	13.6	7.1	1.0	−3.1	−4.0	−1.6	3.3
F	9.5	15.5	20.0	21.8	20.6	16.7	11.0	4.8	0.0	−2.0	−0.6	3.4
22	9.0	14.8	19.5	21.8	21.1	17.5	12.0	5.6	0.0	−3.0	−2.7	0.7
Sa	6.1	12.3	17.8	21.3	21.9	19.6	14.9	8.8	3.0	−1.1	−2.1	0.0
23	4.4	10.0	15.4	19.4	20.9	19.5	15.7	10.2	4.4	0.0	−1.8	−0.4
Su	3.6	9.0	14.6	19.1	21.4	20.9	17.7	12.7	6.9	1.8	−1.2	−1.3
24	1.3	5.7	10.9	15.5	18.6	19.3	17.5	13.6	8.8	4.0	0.9	0.3
M	2.5	6.5	11.5	16.1	19.4	20.4	19.0	15.5	10.7	5.6	1.6	−0.4
25	0.2	2.9	6.9	11.2	14.9	17.0	17.1	15.3	11.9	8.0	4.5	2.6
Tu	2.9	5.3	9.0	13.0	16.5	18.6	18.7	16.8	13.3	9.2	5.2	2.3
26	1.1	2.0	4.4	7.6	10.9	13.6	15.1	15.0	13.4	10.9	8.1	5.7
W	4.7	5.5	7.7	10.6	13.6	15.9	17.1	16.6	14.7	11.8	8.6	5.6
27	3.5	2.8	3.6	5.3	7.6	10.0	12.1	13.3	13.3	12.3	10.6	8.8
Th	7.3	6.8	7.5	9.1	11.2	13.2	14.8	15.4	14.9	13.3	11.2	8.8
28	6.6	4.9	4.2	4.5	5.5	7.0	8.9	10.7	11.9	12.3	12.0	11.1
F	10.0	8.9	8.3	8.6	9.5	10.9	12.3	13.5	14.1	13.8	12.8	11.4
29	9.6	7.6	5.9	4.8	4.6	5.0	6.1	7.8	9.8	11.3	12.3	12.5
Sa	12.1	11.1	9.9	8.9	8.6	9.0	10.0	11.3	12.6	13.5	13.7	13.2
30	12.1	10.4	8.3	6.2	4.6	3.9	4.1	5.3	7.3	9.7	11.8	13.1
Su	13.6	13.1	11.8	10.0	8.5	7.8	8.0	9.0	10.6	12.5	13.9	14.4
31	14.1	12.9	10.8	8.1	5.5	3.6	2.8	3.3	5.0	7.7	10.6	13.1
M	14.5	14.8	13.7	11.6	9.1	7.2	6.4	6.8	8.4	10.7	13.2	15.0

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

SELDOVIA, ALASKA, 2009

Lat. 59° 27′N Long. 151° 43′W

SEPTEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	15.7	15.1	13.4	10.5	7.1	4.1	2.2	1.8	3.1	5.7	9.1	12.5
Tu	14.9	16.0	15.5	13.5	10.5	7.5	5.4	4.9	6.1	8.5	11.6	14.6
2	16.5	16.9	15.7	13.1	9.3	5.4	2.3	0.9	1.5	3.7	7.3	11.4
W	14.8	16.9	17.1	15.5	12.4	8.6	5.3	3.6	3.9	6.0	9.4	13.2
3	16.4	18.0	17.7	15.6	11.9	7.4	3.3	0.7	0.3	2.1	5.5	9.8
Th	14.1	17.2	18.3	17.4	14.5	10.4	6.1	3.1	2.2	3.6	6.8	11.0
4	15.1	18.0	19.0	17.7	14.5	10.0	5.2	1.4	−0.2	0.7	3.8	8.1
F	12.8	16.8	19.0	18.9	16.5	12.5	7.8	3.6	1.3	1.6	4.1	8.3
5	12.9	16.9	19.2	19.2	16.8	12.7	7.8	3.2	0.3	0.0	2.3	6.4
Sa	11.2	15.7	18.9	19.8	18.3	14.7	9.9	5.1	1.5	0.3	1.9	5.4
6	10.1	14.7	18.1	19.5	18.4	15.2	10.6	5.7	1.8	0.2	1.3	4.8
Su	9.4	14.2	18.0	20.0	19.5	16.7	12.2	7.2	2.8	0.2	0.3	2.9
7	7.2	11.9	16.0	18.6	19.0	17.0	13.1	8.5	4.2	1.5	1.2	3.5
M	7.7	12.4	16.6	19.3	19.9	18.1	14.4	9.6	4.8	1.3	−0.1	1.1
8	4.4	8.8	13.2	16.5	18.2	17.6	15.0	11.1	7.0	3.6	2.1	3.0
Tu	6.2	10.5	14.7	18.0	19.5	18.9	16.2	12.0	7.4	3.3	0.7	0.4
9	2.4	5.9	10.0	13.6	16.1	17.0	15.9	13.1	9.6	6.3	4.0	3.5
W	5.3	8.6	12.6	16.0	18.3	18.8	17.4	14.2	10.1	6.0	2.7	1.0
10	1.4	3.6	6.9	10.4	13.2	15.1	15.4	14.2	11.8	8.9	6.4	5.1
Th	5.3	7.3	10.4	13.7	16.3	17.7	17.6	15.8	12.7	9.1	5.6	3.1
11	1.9	2.4	4.4	7.1	9.9	12.1	13.6	13.9	13.0	11.2	9.1	7.4
F	6.5	6.9	8.6	11.1	13.6	15.6	16.6	16.3	14.8	12.1	9.1	6.2
12	4.0	2.8	3.0	4.4	6.5	8.7	10.7	12.3	13.0	12.7	11.6	10.1
Sa	8.7	7.7	7.7	8.8	10.7	12.6	14.3	15.4	15.6	14.5	12.6	10.0
13	7.4	5.0	3.4	2.9	3.6	5.2	7.2	9.6	11.6	13.0	13.4	12.8
Su	11.5	9.9	8.3	7.6	7.9	9.2	11.1	13.0	14.7	15.5	15.2	13.8
14	11.5	8.6	5.7	3.2	2.0	2.2	3.7	6.1	9.1	12.0	14.1	14.9
M	14.4	12.8	10.4	8.0	6.4	6.1	7.2	9.4	12.0	14.6	16.3	16.6
15	15.5	13.0	9.5	5.6	2.3	0.6	0.7	2.5	5.7	9.6	13.4	15.9
Tu	16.9	16.0	13.6	10.1	6.6	4.3	3.8	5.2	8.0	11.7	15.2	17.7
16	18.4	17.1	14.0	9.6	4.8	1.0	−0.9	−0.4	2.3	6.5	11.3	15.6
W	18.2	18.8	17.0	13.4	8.8	4.4	1.8	1.5	3.6	7.4	12.1	16.5
17	19.3	19.9	18.1	14.2	8.9	3.5	−0.5	−2.0	−0.6	3.1	8.3	13.8
Th	18.1	20.4	20.0	17.1	12.3	6.7	1.9	−0.6	−0.2	2.8	7.7	13.2
18	17.9	20.7	20.8	18.3	13.6	7.6	2.0	−1.6	−2.2	0.3	5.0	10.9
F	16.5	20.5	21.8	20.3	16.1	10.3	4.2	−0.5	−2.3	−0.9	3.1	8.7
19	14.5	19.2	21.5	20.9	17.5	12.2	6.0	0.8	−1.9	−1.3	2.2	7.7
Sa	13.7	18.9	22.0	22.1	19.3	14.2	7.8	1.8	−2.2	−3.0	−0.6	4.2
20	10.1	15.8	19.9	21.4	20.0	16.0	10.4	4.6	0.3	−1.2	0.6	4.9
Su	10.6	16.2	20.5	22.3	21.2	17.4	11.8	5.5	0.1	−2.7	−2.4	0.8
21	5.8	11.5	16.6	19.8	20.4	18.3	14.1	8.8	3.8	0.7	0.5	3.2
M	7.8	13.1	17.9	21.0	21.5	19.3	14.9	9.3	3.7	−0.5	−2.2	−0.9
22	2.7	7.6	12.6	16.7	18.9	18.7	16.2	12.2	7.7	3.8	2.0	2.9
Tu	6.0	10.3	14.9	18.5	20.2	19.6	16.8	12.4	7.4	2.9	−0.1	−0.6
23	1.2	4.7	8.9	13.0	16.0	17.3	16.6	14.2	10.8	7.3	4.7	4.0
W	5.4	8.4	12.1	15.5	17.9	18.6	17.3	14.3	10.4	6.4	3.1	1.2
24	1.4	3.3	6.2	9.5	12.6	14.7	15.4	14.6	12.6	10.1	7.6	6.1
Th	6.1	7.6	10.1	12.9	15.2	16.6	16.5	15.0	12.4	9.3	6.3	4.1
25	3.0	3.3	4.9	7.0	9.4	11.6	13.2	13.7	13.1	11.8	10.2	8.6
F	7.7	7.8	9.0	10.8	12.6	14.1	14.9	14.7	13.4	11.4	9.2	7.1
26	5.4	4.6	4.7	5.7	7.0	8.7	10.4	11.9	12.6	12.5	11.9	10.9
Sa	9.8	9.0	8.9	9.5	10.5	11.7	12.8	13.4	13.4	12.6	11.3	9.8
27	8.1	6.6	5.6	5.3	5.6	6.5	7.8	9.6	11.2	12.3	12.8	12.6
Su	11.8	10.7	9.6	8.9	9.0	9.5	10.4	11.6	12.6	13.1	12.8	12.0
28	10.7	9.1	7.3	5.8	5.0	4.9	5.7	7.3	9.4	11.5	13.0	13.8
M	13.6	12.6	10.9	9.2	8.0	7.7	8.2	9.4	11.1	12.6	13.6	13.7
29	13.0	11.6	9.4	7.0	5.1	4.1	4.1	5.3	7.5	10.3	12.8	14.5
Tu	15.0	14.4	12.7	10.2	7.8	6.4	6.1	7.0	8.9	11.3	13.5	14.8
30	15.0	13.9	11.8	8.9	6.0	3.9	3.0	3.7	5.7	8.8	12.1	14.7
W	16.2	16.1	14.6	11.8	8.5	5.8	4.4	4.7	6.4	9.3	12.4	15.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 59° 27′N Long. 151° 43′W

OCTOBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	16.4	16.1	14.3	11.3	7.7	4.5	2.5	2.4	4.1	7.1	10.9	14.5
Th	16.9	17.6	16.5	13.8	10.0	6.1	3.4	2.6	3.9	6.7	10.4	14.2
2	16.8	17.7	16.6	13.9	10.1	6.0	2.8	1.6	2.6	5.4	9.4	13.6
F	17.0	18.7	18.3	15.9	12.0	7.4	3.4	1.3	1.5	3.9	7.8	12.2
3	16.1	18.4	18.5	16.5	12.8	8.3	4.1	1.6	1.5	3.8	7.6	12.2
Sa	16.4	19.2	19.8	18.0	14.3	9.4	4.5	0.9	−0.3	1.2	4.8	9.5
4	14.2	17.8	19.3	18.5	15.5	11.1	6.4	2.7	1.2	2.4	5.8	10.4
Su	15.1	18.8	20.5	19.7	16.6	11.8	6.5	1.8	−0.9	−0.8	1.9	6.4
5	11.4	15.9	18.9	19.5	17.6	13.9	9.2	4.8	2.0	1.7	4.2	8.4
M	13.3	17.6	20.3	20.7	18.6	14.4	9.1	3.8	−0.2	−1.7	−0.4	3.3
6	8.1	13.1	17.1	19.1	18.8	16.2	12.1	7.6	3.8	2.1	3.1	6.4
Tu	11.0	15.6	19.1	20.8	19.9	16.8	11.9	6.6	1.8	−1.2	−1.6	0.7
7	4.9	9.7	14.2	17.3	18.5	17.4	14.4	10.4	6.5	3.7	3.1	5.0
W	8.8	13.2	17.1	19.7	20.2	18.4	14.6	9.8	4.8	0.8	−1.2	−0.6
8	2.2	6.3	10.7	14.4	16.8	17.3	15.8	12.9	9.4	6.2	4.3	4.6
Th	6.9	10.6	14.5	17.5	19.2	18.9	16.6	12.8	8.3	4.0	0.9	−0.3
9	0.6	3.5	7.2	10.8	13.8	15.6	15.8	14.4	11.9	9.0	6.6	5.5
F	6.1	8.4	11.6	14.7	17.0	18.0	17.4	15.1	11.6	7.8	4.2	1.7
10	0.9	1.8	4.2	7.3	10.3	12.8	14.4	14.7	13.6	11.7	9.5	7.6
Sa	6.7	7.1	9.0	11.4	13.9	15.7	16.5	16.0	14.2	11.4	8.2	5.2
11	3.0	2.0	2.5	4.3	6.7	9.3	11.7	13.5	14.2	13.7	12.3	10.4
Su	8.6	7.4	7.4	8.5	10.3	12.3	14.1	15.2	15.3	14.1	12.0	9.4
12	6.5	4.1	2.7	2.6	3.7	5.8	8.4	11.1	13.4	14.6	14.6	13.4
M	11.6	9.3	7.5	6.6	7.0	8.4	10.4	12.6	14.4	15.3	14.9	13.3
13	10.8	7.7	4.8	2.7	2.0	2.9	5.0	8.0	11.3	14.2	15.8	16.0
Tu	14.8	12.3	9.3	6.5	4.9	4.9	6.3	8.7	11.6	14.3	16.0	16.1
14	14.8	12.1	8.5	4.8	2.2	1.3	2.2	4.8	8.5	12.5	15.8	17.6
W	17.6	15.7	12.4	8.3	4.7	2.6	2.5	4.3	7.6	11.4	15.0	17.2
15	17.6	16.0	12.8	8.5	4.2	1.3	0.6	2.0	5.4	9.9	14.4	17.9
Th	19.4	18.7	15.9	11.5	6.5	2.3	0.2	0.6	3.2	7.3	12.1	16.2
16	18.6	18.8	16.7	12.8	7.8	3.3	0.5	0.3	2.7	6.9	12.0	16.8
F	20.0	20.8	19.1	15.1	9.7	4.1	−0.1	−1.8	−0.6	3.0	8.0	13.3
17	17.6	19.7	19.4	16.6	12.0	6.7	2.3	0.1	0.9	4.2	9.1	14.5
Sa	19.0	21.5	21.2	18.4	13.4	7.3	1.6	−2.1	−2.9	−0.7	3.7	9.3
18	14.8	18.8	20.3	19.2	15.7	10.7	5.4	1.6	0.4	2.2	6.3	11.6
Su	16.8	20.6	22.0	20.6	16.7	11.1	4.9	−0.4	−3.2	−2.8	0.3	5.3
19	11.0	16.1	19.4	20.1	18.3	14.3	9.2	4.4	1.5	1.5	4.2	8.7
M	13.9	18.5	21.3	21.5	19.0	14.4	8.6	2.8	−1.5	−3.1	−1.7	2.1
20	7.2	12.6	17.0	19.3	19.2	16.7	12.6	7.9	4.0	2.2	3.2	6.5
Tu	11.1	15.7	19.3	20.9	19.9	16.7	11.9	6.4	1.4	−1.6	−2.0	0.2
21	4.2	9.0	13.6	17.1	18.5	17.6	14.9	11.0	7.0	4.2	3.5	5.3
W	8.7	12.9	16.6	19.1	19.6	17.8	14.2	9.6	4.9	1.1	−0.8	−0.3
22	2.3	6.1	10.3	14.0	16.5	17.1	15.8	13.2	9.9	6.8	5.0	5.2
Th	7.3	10.5	13.9	16.7	18.1	17.7	15.5	12.0	8.0	4.3	1.6	0.7
23	1.8	4.3	7.6	10.9	13.7	15.3	15.5	14.2	12.0	9.4	7.3	6.3
F	6.9	8.9	11.5	14.0	15.9	16.5	15.7	13.4	10.4	7.3	4.5	2.8
24	2.5	3.6	5.8	8.3	10.8	12.9	14.1	14.1	13.1	11.4	9.6	8.1
Sa	7.6	8.2	9.8	11.7	13.4	14.6	14.9	13.9	12.1	9.7	7.3	5.3
25	4.1	4.0	4.9	6.5	8.4	10.4	12.1	13.2	13.3	12.7	11.5	10.2
Su	9.0	8.4	8.8	9.8	11.0	12.3	13.2	13.5	12.9	11.5	9.8	7.9
26	6.3	5.2	5.0	5.5	6.6	8.1	10.0	11.7	12.9	13.3	13.0	12.1
M	10.8	9.4	8.6	8.5	9.0	9.9	11.1	12.1	12.7	12.6	11.7	10.4
27	8.8	7.1	5.8	5.3	5.5	6.4	8.0	10.0	12.0	13.4	13.9	13.7
Tu	12.6	11.0	9.2	7.9	7.4	7.7	8.6	10.1	11.7	12.8	13.0	12.4
28	11.2	9.4	7.4	5.8	5.0	5.2	6.3	8.3	10.7	13.0	14.5	15.0
W	14.4	12.8	10.5	8.1	6.4	5.7	6.2	7.7	9.8	12.0	13.5	14.0
29	13.4	11.9	9.6	7.2	5.2	4.5	5.0	6.7	9.2	12.1	14.6	16.0
Th	16.0	14.7	12.2	9.1	6.2	4.3	4.0	5.1	7.3	10.3	13.0	14.8
30	15.2	14.2	12.1	9.2	6.3	4.4	4.0	5.2	7.7	10.9	14.2	16.6
F	17.5	16.6	14.3	10.8	7.0	3.8	2.2	2.5	4.5	7.8	11.4	14.6
31	16.3	16.3	14.7	11.8	8.3	5.2	3.5	3.8	5.9	9.3	13.1	16.5
Sa	18.5	18.5	16.5	13.1	8.6	4.3	1.2	0.3	1.7	4.8	8.9	13.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

SELDOVIA, ALASKA, 2009

Lat. 59° 27′N Long. 151° 43′W

NOVEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	16.3	17.7	17.0	14.5	10.9	6.9	4.0	3.0	4.3	7.4	11.5	15.6
Su	18.6	19.8	18.7	15.6	11.1	6.0	1.6	−0.9	−0.8	1.6	5.8	10.5
2	14.9	17.8	18.5	17.0	13.7	9.5	5.6	3.1	3.0	5.4	9.3	13.8
M	17.8	20.2	20.4	18.1	13.9	8.6	3.3	−0.7	−2.3	−1.1	2.4	7.2
3	12.2	16.4	18.7	18.6	16.4	12.5	8.1	4.4	2.7	3.7	6.9	11.4
Tu	15.9	19.5	21.1	20.1	16.8	11.9	6.2	1.0	−2.3	−2.9	−0.6	3.6
4	8.8	13.7	17.4	19.0	18.1	15.3	11.1	6.9	3.8	3.0	4.8	8.7
W	13.3	17.5	20.4	21.0	19.2	15.1	9.8	4.2	−0.5	−2.9	−2.6	0.4
5	5.0	10.1	14.6	17.6	18.5	17.1	14.0	9.9	6.1	3.8	3.8	6.2
Th	10.3	14.6	18.3	20.4	20.2	17.7	13.4	8.1	2.9	−1.0	−2.7	−1.6
6	1.7	6.2	10.9	14.8	17.3	17.6	16.0	12.9	9.1	5.9	4.2	4.8
F	7.4	11.3	15.2	18.2	19.6	18.9	16.2	11.9	7.0	2.5	−0.8	−1.8
7	−0.3	2.9	7.1	11.2	14.6	16.5	16.7	15.0	12.2	8.9	6.2	4.9
Sa	5.7	8.2	11.5	14.8	17.2	18.3	17.5	14.9	11.1	6.8	2.9	0.2
8	−0.5	0.9	3.8	7.4	11.0	14.1	15.8	16.0	14.5	12.1	9.2	6.8
Su	5.6	6.2	8.2	10.9	13.6	15.7	16.7	16.1	14.1	10.9	7.2	3.9
9	1.5	0.8	1.9	4.3	7.4	10.7	13.6	15.4	15.8	14.6	12.5	9.8
M	7.4	5.9	5.9	7.3	9.4	11.8	14.0	15.3	15.3	13.8	11.3	8.2
10	5.1	2.8	1.8	2.5	4.5	7.4	10.6	13.6	15.6	16.2	15.3	13.2
Tu	10.4	7.5	5.6	4.9	5.7	7.6	10.0	12.5	14.4	15.0	14.2	12.3
11	9.4	6.3	3.7	2.4	2.8	4.6	7.4	10.9	14.1	16.4	17.0	16.1
W	13.8	10.6	7.1	4.5	3.3	3.8	5.6	8.4	11.5	14.1	15.3	15.1
12	13.4	10.5	7.1	4.2	2.6	2.9	4.8	7.9	11.7	15.2	17.5	18.1
Th	16.9	14.0	10.1	5.9	2.8	1.4	1.9	4.1	7.6	11.3	14.4	16.1
13	16.1	14.3	11.2	7.4	4.2	2.6	3.0	5.3	8.9	13.1	16.7	18.9
F	19.0	17.2	13.6	8.9	4.2	0.8	−0.5	0.5	3.4	7.5	11.9	15.4
14	17.1	16.9	14.8	11.2	7.2	3.9	2.5	3.4	6.2	10.4	14.7	18.2
Sa	20.0	19.5	16.8	12.4	7.2	2.2	−1.0	−1.8	−0.1	3.6	8.3	13.0
15	16.5	18.0	17.4	14.8	10.7	6.5	3.4	2.6	4.2	7.6	12.1	16.5
Su	19.5	20.5	19.2	15.7	10.7	5.1	0.3	−2.3	−2.3	0.3	4.6	9.7
16	14.4	17.6	18.6	17.3	14.1	9.7	5.6	3.1	3.0	5.4	9.3	13.9
M	17.9	20.3	20.4	18.1	13.9	8.5	3.0	−1.2	−2.9	−1.9	1.5	6.2
17	11.4	15.7	18.3	18.5	16.5	12.9	8.5	4.8	3.1	3.9	6.9	11.1
Tu	15.5	18.9	20.4	19.5	16.5	11.8	6.3	1.3	−1.9	−2.6	−0.6	3.2
18	8.1	12.9	16.6	18.3	17.8	15.3	11.5	7.4	4.4	3.6	5.2	8.6
W	12.8	16.7	19.3	19.8	18.0	14.4	9.6	4.5	0.3	−1.9	−1.5	1.1
19	5.2	9.9	14.1	17.0	17.8	16.6	13.8	10.1	6.6	4.5	4.6	6.7
Th	10.2	14.0	17.2	18.9	18.5	16.1	12.3	7.6	3.2	0.0	−1.1	0.1
20	3.1	7.1	11.2	14.7	16.7	16.9	15.2	12.4	9.1	6.3	5.0	5.8
F	8.2	11.5	14.7	17.1	17.9	16.9	14.1	10.3	6.2	2.6	0.4	0.2
21	2.0	5.0	8.6	12.0	14.8	16.0	15.7	13.9	11.3	8.5	6.4	5.9
Sa	7.0	9.4	12.2	14.7	16.4	16.5	15.1	12.3	8.9	5.4	2.7	1.4
22	1.8	3.7	6.5	9.6	12.4	14.5	15.3	14.6	12.9	10.6	8.4	6.9
Su	6.8	8.0	10.0	12.3	14.1	15.2	15.0	13.5	10.9	8.0	5.3	3.3
23	2.6	3.3	5.2	7.6	10.2	12.6	14.2	14.6	13.9	12.3	10.4	8.5
M	7.4	7.3	8.4	10.0	11.7	13.2	14.0	13.7	12.3	10.1	7.8	5.7
24	4.2	3.8	4.7	6.3	8.4	10.6	12.7	14.0	14.3	13.6	12.1	10.4
Tu	8.7	7.5	7.4	8.1	9.4	10.8	12.1	12.9	12.8	11.7	10.0	8.1
25	6.3	5.1	4.8	5.6	7.1	9.0	11.1	13.0	14.2	14.4	13.6	12.2
W	10.3	8.5	7.2	6.7	7.2	8.3	9.8	11.3	12.3	12.5	11.8	10.4
26	8.7	7.0	5.8	5.5	6.1	7.6	9.6	11.7	13.7	14.8	14.9	13.9
Th	12.2	10.0	7.8	6.1	5.5	5.9	7.2	8.9	10.9	12.3	12.9	12.4
27	11.1	9.4	7.5	6.1	5.7	6.4	8.1	10.3	12.7	14.7	15.8	15.5
F	14.1	11.9	9.1	6.4	4.4	3.8	4.5	6.2	8.6	11.1	13.0	13.8
28	13.3	11.9	9.8	7.6	6.0	5.6	6.6	8.6	11.3	14.0	16.1	16.9
Sa	16.2	14.1	11.1	7.6	4.4	2.4	2.0	3.3	5.8	8.9	12.0	14.2
29	15.0	14.3	12.4	9.8	7.2	5.4	5.3	6.8	9.4	12.6	15.6	17.6
Su	18.0	16.6	13.7	9.8	5.7	2.2	0.3	0.5	2.6	5.9	9.8	13.3
30	15.6	16.2	15.1	12.6	9.4	6.4	4.7	5.0	7.2	10.5	14.2	17.3
M	19.1	18.8	16.6	12.8	8.1	3.4	−0.2	−1.6	−0.6	2.4	6.6	11.1

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 59° 27′N Long. 151° 43′W

DECEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	14.9	17.0	17.2	15.4	12.2	8.5	5.4	4.0	5.0	7.8	11.8	15.8
Tu	18.9	20.2	19.3	16.1	11.5	6.1	1.1	−2.2	−2.9	−1.0	2.9	7.7
2	12.6	16.3	18.1	17.6	15.2	11.4	7.4	4.4	3.5	5.2	8.8	13.2
W	17.3	20.2	20.9	19.2	15.3	9.9	4.1	−0.8	−3.6	−3.5	−0.7	3.8
3	9.1	14.0	17.4	18.7	17.6	14.5	10.3	6.2	3.5	3.3	5.7	9.8
Th	14.4	18.4	20.9	21.0	18.6	14.0	8.3	2.5	−2.1	−4.2	−3.3	0.1
4	5.0	10.4	15.1	18.1	18.8	17.1	13.6	9.3	5.3	3.1	3.5	6.3
F	10.6	15.2	18.9	20.9	20.4	17.5	12.7	6.9	1.3	−2.7	−4.1	−2.5
5	1.3	6.3	11.5	15.8	18.3	18.5	16.4	12.7	8.4	4.8	3.0	3.9
Sa	6.9	11.1	15.3	18.7	20.2	19.4	16.2	11.4	5.9	0.9	−2.4	−3.2
6	−1.2	2.8	7.6	12.4	16.2	18.2	17.9	15.6	11.9	7.8	4.6	3.2
Su	4.3	7.2	11.0	14.8	17.7	18.9	17.9	14.9	10.5	5.5	1.2	−1.5
7	−1.7	0.4	4.2	8.7	13.0	16.4	17.9	17.4	15.0	11.5	7.7	4.7
M	3.5	4.4	7.0	10.3	13.6	16.2	17.3	16.5	13.8	10.0	5.8	2.1
8	0.0	0.0	2.1	5.5	9.5	13.4	16.4	17.6	17.0	14.7	11.3	7.8
Tu	4.9	3.6	4.2	6.2	9.1	12.0	14.5	15.7	15.2	13.2	10.1	6.6
9	3.5	1.7	1.7	3.5	6.6	10.2	13.7	16.4	17.5	16.8	14.6	11.4
W	7.9	5.0	3.4	3.5	5.1	7.5	10.3	12.9	14.4	14.4	13.1	10.7
10	7.7	4.9	3.2	3.2	4.7	7.4	10.7	14.0	16.5	17.5	16.8	14.7
Th	11.5	7.9	4.7	2.8	2.5	3.7	6.0	8.9	11.7	13.7	14.3	13.5
11	11.6	8.9	6.2	4.4	4.2	5.5	8.0	11.2	14.4	16.8	17.7	17.0
F	14.8	11.5	7.6	4.1	1.8	1.3	2.3	4.8	8.0	11.3	13.6	14.7
12	14.2	12.5	9.8	7.0	5.1	4.7	5.9	8.5	11.7	14.9	17.3	18.0
Sa	17.1	14.7	11.0	6.8	3.0	0.6	0.1	1.4	4.2	7.9	11.5	14.2
13	15.4	15.0	13.2	10.3	7.2	5.2	4.9	6.3	9.0	12.5	15.7	17.9
Su	18.4	17.1	14.3	10.1	5.6	1.7	−0.6	−0.7	1.1	4.4	8.5	12.4
14	15.2	16.3	15.6	13.4	10.1	6.9	5.0	4.9	6.7	9.8	13.4	16.6
M	18.5	18.5	16.8	13.4	8.8	4.0	0.3	−1.5	−1.0	1.4	5.3	9.8
15	13.7	16.3	17.0	15.8	12.9	9.3	6.1	4.6	5.1	7.3	10.8	14.5
Tu	17.5	19.0	18.4	16.0	12.0	7.1	2.3	−0.9	−2.0	−0.7	2.5	6.8
16	11.4	15.1	17.1	17.2	15.3	12.0	8.2	5.3	4.3	5.4	8.3	12.0
W	15.7	18.3	19.1	17.8	14.7	10.2	5.2	0.8	−1.7	−1.8	0.3	4.1
17	8.7	13.1	16.3	17.6	16.9	14.3	10.6	6.9	4.6	4.3	6.2	9.5
Th	13.3	16.8	18.8	18.8	16.7	13.0	8.2	3.4	−0.3	−1.9	−1.0	1.9
18	6.0	10.6	14.6	17.1	17.5	16.0	12.9	9.2	5.8	4.2	4.8	7.2
F	10.8	14.5	17.4	18.7	17.9	15.1	11.0	6.3	1.9	−0.9	−1.4	0.4
19	3.8	8.1	12.4	15.7	17.3	16.9	14.8	11.4	7.8	5.2	4.3	5.6
Sa	8.4	12.0	15.3	17.6	18.1	16.5	13.3	9.0	4.6	1.0	−0.7	−0.2
20	2.3	6.0	10.0	13.8	16.3	17.1	15.9	13.4	10.0	6.9	4.9	4.8
Su	6.6	9.6	12.8	15.6	17.1	16.9	14.8	11.3	7.3	3.5	0.9	0.2
21	1.5	4.4	8.0	11.7	14.7	16.4	16.4	14.7	12.0	8.9	6.3	5.0
M	5.6	7.6	10.4	13.2	15.3	16.2	15.4	13.0	9.6	6.1	3.1	1.5
22	1.6	3.5	6.5	9.9	13.0	15.3	16.2	15.5	13.5	10.8	8.1	6.1
Tu	5.4	6.2	8.2	10.7	12.9	14.5	14.9	13.8	11.4	8.5	5.6	3.5
23	2.6	3.4	5.6	8.4	11.3	13.8	15.4	15.7	14.6	12.5	9.9	7.6
W	6.0	5.6	6.6	8.4	10.4	12.2	13.4	13.6	12.5	10.4	8.0	5.8
24	4.3	4.0	5.1	7.3	9.9	12.3	14.3	15.4	15.3	13.9	11.7	9.4
Th	7.3	5.9	5.6	6.4	7.9	9.7	11.3	12.4	12.6	11.7	10.1	8.2
25	6.5	5.4	5.4	6.6	8.6	10.8	13.0	14.6	15.4	15.0	13.5	11.3
F	9.0	6.9	5.4	5.0	5.7	7.0	8.7	10.4	11.7	12.2	11.6	10.4
26	8.9	7.4	6.5	6.4	7.4	9.3	11.4	13.4	15.0	15.6	15.1	13.4
Sa	11.2	8.7	6.3	4.6	3.9	4.5	5.8	7.8	9.8	11.5	12.4	12.3
27	11.3	9.9	8.3	7.1	6.8	7.7	9.5	11.7	13.9	15.6	16.2	15.5
Su	13.7	11.1	8.2	5.3	3.1	2.3	2.9	4.6	7.1	9.7	12.0	13.3
28	13.4	12.4	10.8	8.8	7.1	6.6	7.5	9.4	12.0	14.5	16.5	17.2
M	16.3	14.2	11.0	7.3	3.8	1.3	0.4	1.4	3.7	6.8	10.3	13.1
29	14.7	14.8	13.5	11.3	8.6	6.5	5.8	6.9	9.3	12.4	15.4	17.7
Tu	18.4	17.3	14.6	10.6	6.1	2.0	−0.8	−1.4	0.1	3.2	7.2	11.4
30	14.6	16.3	16.1	14.2	11.2	7.8	5.4	4.8	6.2	9.3	13.0	16.6
W	19.1	19.7	18.1	14.6	9.8	4.6	−0.1	−2.8	−2.9	−0.6	3.4	8.3
31	12.9	16.4	17.8	17.0	14.3	10.5	6.6	4.0	3.7	5.7	9.5	13.9
Th	17.8	20.4	20.7	18.5	14.3	8.7	2.8	−2.0	−4.3	−3.7	−0.6	4.3

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

VALDEZ, ALASKA, 2009

Lat. 61° 08′N Long. 146° 22′W

JANUARY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	3.5	6.2	8.6	10.2	10.9	10.6	9.5	7.7	5.8	4.2	3.7	4.3
Th	6.0	8.1	9.9	10.9	10.9	10.0	8.4	6.1	3.7	1.7	0.7	1.0
2	2.7	5.1	7.6	9.6	10.8	11.0	10.4	9.0	7.1	5.2	3.9	3.6
F	4.4	6.1	8.0	9.4	10.1	9.9	9.0	7.4	5.4	3.4	2.0	1.5
3	2.3	4.2	6.6	8.8	10.4	11.1	11.0	10.2	8.6	6.6	4.8	3.6
Sa	3.4	4.3	5.9	7.4	8.6	9.1	8.9	8.2	6.9	5.3	3.7	2.7
4	2.7	3.7	5.6	7.8	9.6	10.9	11.4	11.2	10.1	8.4	6.3	4.4
Su	3.3	3.1	3.9	5.1	6.5	7.5	8.2	8.3	7.9	6.9	5.6	4.3
5	3.6	3.8	4.9	6.6	8.5	10.1	11.3	11.8	11.5	10.3	8.4	6.2
M	4.2	2.9	2.5	3.0	4.0	5.3	6.6	7.6	8.1	8.0	7.3	6.2
6	5.2	4.6	4.7	5.6	7.1	8.8	10.5	11.7	12.3	11.9	10.6	8.5
Tu	6.1	3.8	2.2	1.5	1.7	2.8	4.3	6.0	7.4	8.3	8.5	8.0
7	7.0	6.0	5.2	5.1	5.7	7.1	8.9	10.8	12.3	12.9	12.6	11.1
W	8.8	6.0	3.4	1.3	0.2	0.4	1.6	3.6	5.8	7.7	8.9	9.3
8	8.8	7.8	6.5	5.4	4.9	5.4	6.9	9.0	11.2	12.9	13.7	13.2
Th	11.6	9.0	5.8	2.6	0.1	−1.1	−0.8	0.8	3.3	6.0	8.3	9.7
9	10.2	9.6	8.3	6.6	5.0	4.3	4.8	6.6	9.1	11.6	13.6	14.4
F	13.8	11.9	8.9	5.3	1.6	−1.1	−2.3	−1.6	0.6	3.6	6.7	9.2
10	10.7	11.0	10.1	8.4	6.2	4.3	3.5	4.2	6.4	9.3	12.1	14.1
Sa	14.9	14.2	12.0	8.5	4.4	0.5	−2.2	−3.0	−1.8	0.9	4.4	7.7
11	10.2	11.6	11.6	10.3	8.0	5.4	3.3	2.7	3.8	6.3	9.5	12.4
Su	14.4	15.1	14.1	11.6	7.8	3.4	−0.5	−2.9	−3.2	−1.4	1.8	5.5
12	8.9	11.2	12.3	11.9	10.1	7.3	4.5	2.5	2.1	3.5	6.4	9.7
M	12.6	14.4	14.8	13.5	10.7	6.7	2.4	−1.2	−3.0	−2.7	−0.3	3.2
13	6.9	10.1	12.1	12.7	11.8	9.6	6.5	3.7	1.8	1.8	3.5	6.5
Tu	9.8	12.4	13.9	14.0	12.4	9.4	5.6	1.6	−1.3	−2.5	−1.5	1.2
14	4.8	8.4	11.1	12.6	12.7	11.4	8.8	5.8	3.0	1.5	1.8	3.7
W	6.7	9.6	11.9	13.0	12.7	11.0	8.2	4.6	1.3	−0.9	−1.4	0.2
15	3.1	6.5	9.6	11.8	12.7	12.4	10.7	8.1	5.1	2.7	1.6	2.1
Th	4.0	6.7	9.1	10.9	11.6	11.2	9.6	7.1	4.1	1.5	0.1	0.3
16	2.1	4.9	7.9	10.4	12.0	12.4	11.8	10.0	7.5	4.8	2.7	1.9
F	2.5	4.3	6.4	8.4	9.7	10.2	9.8	8.4	6.4	4.1	2.2	1.5
17	2.1	4.0	6.5	8.9	10.8	11.8	12.0	11.2	9.4	7.0	4.7	2.9
Sa	2.3	2.9	4.3	5.9	7.4	8.4	8.9	8.6	7.7	6.2	4.5	3.3
18	3.0	3.9	5.6	7.6	9.4	10.7	11.5	11.5	10.6	9.0	6.8	4.8
Su	3.2	2.7	3.0	4.0	5.2	6.3	7.3	7.9	8.0	7.4	6.4	5.3
19	4.6	4.5	5.3	6.6	8.0	9.4	10.5	11.2	11.1	10.3	8.8	6.8
M	4.9	3.5	2.8	2.8	3.4	4.4	5.5	6.6	7.5	7.8	7.6	6.9
20	6.2	5.6	5.6	6.0	6.9	8.1	9.3	10.4	11.0	11.0	10.2	8.7
Tu	6.9	5.0	3.5	2.5	2.3	2.7	3.7	5.1	6.4	7.5	8.1	8.0
21	7.6	6.9	6.3	6.0	6.2	6.9	8.0	9.3	10.4	11.1	11.1	10.3
W	8.8	6.9	4.8	3.0	1.9	1.5	2.1	3.4	5.1	6.8	8.0	8.6
22	8.6	8.1	7.3	6.4	5.8	5.9	6.7	8.0	9.5	10.8	11.4	11.3
Th	10.4	8.7	6.5	4.2	2.2	1.0	0.9	1.9	3.6	5.6	7.4	8.7
23	9.3	9.1	8.3	7.1	5.9	5.3	5.5	6.6	8.2	9.9	11.3	11.9
F	11.6	10.3	8.3	5.7	3.1	1.0	0.1	0.6	2.1	4.3	6.5	8.4
24	9.6	9.9	9.3	8.0	6.4	5.1	4.6	5.2	6.7	8.7	10.6	11.9
Sa	12.3	11.6	9.9	7.4	4.5	1.7	−0.1	−0.4	0.7	2.8	5.4	7.7
25	9.5	10.3	10.1	9.0	7.3	5.4	4.2	4.1	5.2	7.2	9.5	11.4
Su	12.5	12.5	11.3	9.1	6.1	2.9	0.4	−0.8	−0.4	1.4	4.0	6.8
26	9.1	10.5	10.8	10.0	8.3	6.2	4.3	3.4	3.8	5.6	8.0	10.3
M	12.1	12.8	12.2	10.5	7.7	4.4	1.4	−0.6	−1.0	0.2	2.7	5.6
27	8.4	10.3	11.2	10.9	9.4	7.2	4.9	3.3	2.9	4.0	6.2	8.8
Tu	11.1	12.4	12.6	11.5	9.2	6.1	2.9	0.3	−1.0	−0.6	1.5	4.4
28	7.4	9.9	11.3	11.5	10.4	8.4	5.9	3.7	2.5	2.7	4.4	7.0
W	9.6	11.6	12.4	12.0	10.3	7.7	4.6	1.6	−0.3	−0.7	0.6	3.2
29	6.4	9.2	11.1	11.8	11.3	9.6	7.2	4.7	2.7	2.1	2.9	5.0
Th	7.7	10.1	11.6	11.9	10.9	8.9	6.2	3.3	1.0	−0.2	0.3	2.3
30	5.3	8.3	10.6	11.9	11.9	10.7	8.6	6.0	3.6	2.1	2.0	3.3
F	5.6	8.2	10.2	11.1	10.9	9.7	7.6	5.1	2.7	1.0	0.7	1.9
31	4.3	7.3	9.9	11.6	12.1	11.5	9.9	7.6	5.1	2.9	1.8	2.1
Sa	3.7	6.0	8.3	9.7	10.2	9.8	8.5	6.7	4.5	2.7	1.7	2.0

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 08’N Long. 146° 22’W

FEBRUARY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	3.7	6.2	8.9	10.9	12.0	12.0	11.1	9.3	6.9	4.5	2.6	1.8
Su	2.3	3.9	6.0	7.8	8.9	9.1	8.7	7.7	6.2	4.5	3.2	2.8
2	3.5	5.3	7.7	9.9	11.4	12.0	11.8	10.7	8.9	6.6	4.3	2.6
M	1.9	2.4	3.7	5.4	6.8	7.8	8.1	8.0	7.3	6.3	5.0	4.1
3	4.0	4.8	6.4	8.4	10.1	11.4	11.9	11.6	10.7	8.9	6.7	4.4
Tu	2.7	1.9	2.1	3.1	4.4	5.7	6.7	7.5	7.8	7.5	6.8	5.8
4	5.1	5.0	5.6	6.8	8.4	9.9	11.1	11.8	11.8	11.0	9.3	7.1
W	4.8	2.9	1.7	1.4	2.0	3.2	4.6	6.1	7.3	8.0	8.1	7.6
5	6.8	6.0	5.5	5.7	6.5	7.9	9.4	10.9	11.9	12.2	11.6	9.9
Th	7.6	5.1	2.7	1.0	0.4	0.8	2.1	4.0	5.9	7.7	8.8	9.0
6	8.6	7.5	6.3	5.4	5.1	5.7	7.1	9.0	10.9	12.3	12.9	12.3
F	10.6	8.1	5.1	2.2	0.0	-0.9	-0.3	1.4	3.9	6.4	8.5	9.8
7	10.1	9.4	7.9	6.1	4.6	4.0	4.6	6.3	8.7	11.1	12.9	13.6
Sa	13.0	11.1	8.1	4.6	1.2	-1.1	-1.9	-0.9	1.4	4.5	7.4	9.7
8	11.0	11.0	9.8	7.7	5.3	3.4	2.7	3.6	5.8	8.7	11.5	13.4
Su	14.1	13.4	11.1	7.7	3.7	0.1	-2.2	-2.5	-0.8	2.2	5.6	8.8
9	11.1	12.1	11.6	9.8	7.0	4.1	2.0	1.5	2.9	5.6	8.9	11.9
M	13.8	14.3	13.2	10.6	6.7	2.6	-0.9	-2.7	-2.3	0.0	3.5	7.2
10	10.3	12.3	12.8	11.7	9.2	5.9	2.8	0.9	0.8	2.7	5.8	9.2
Tu	12.1	13.9	14.0	12.5	9.5	5.5	1.5	-1.5	-2.5	-1.4	1.6	5.3
11	9.0	11.7	13.2	13.0	11.2	8.1	4.6	1.6	0.1	0.6	2.8	6.2
W	9.5	12.1	13.4	13.2	11.3	8.2	4.3	0.8	-1.4	-1.6	0.3	3.5
12	7.3	10.5	12.7	13.4	12.5	10.2	6.9	3.5	0.9	-0.1	0.8	3.4
Th	6.6	9.6	11.8	12.6	11.9	9.9	6.8	3.5	0.7	-0.7	-0.1	2.3
13	5.6	9.0	11.6	13.1	13.1	11.6	9.1	5.8	2.7	0.6	0.2	1.5
F	4.1	7.0	9.5	11.0	11.3	10.4	8.5	5.8	3.1	1.2	0.7	1.9
14	4.4	7.5	10.2	12.1	12.8	12.2	10.5	7.9	5.0	2.4	0.9	0.9
Sa	2.4	4.7	7.1	8.9	9.9	9.9	9.0	7.4	5.3	3.3	2.2	2.4
15	3.9	6.3	8.8	10.8	11.9	12.0	11.2	9.5	7.1	4.6	2.5	1.5
Su	1.8	3.2	5.0	6.8	8.0	8.7	8.6	8.0	6.8	5.3	4.0	3.5
16	4.1	5.6	7.5	9.4	10.7	11.3	11.1	10.3	8.7	6.7	4.7	3.0
M	2.3	2.6	3.6	4.9	6.1	7.0	7.6	7.8	7.4	6.7	5.7	5.0
17	4.9	5.5	6.7	8.1	9.3	10.1	10.5	10.4	9.7	8.4	6.7	5.0
Tu	3.7	3.0	3.0	3.5	4.4	5.3	6.2	6.9	7.4	7.4	7.0	6.4
18	6.0	5.9	6.3	7.1	8.0	8.8	9.5	10.0	10.1	9.6	8.5	7.0
W	5.4	4.1	3.2	2.9	3.0	3.7	4.6	5.7	6.8	7.5	7.7	7.5
19	7.1	6.7	6.4	6.4	6.8	7.4	8.3	9.2	9.9	10.1	9.8	8.8
Th	7.3	5.7	4.1	2.9	2.2	2.3	3.0	4.3	5.8	7.1	8.0	8.4
20	8.2	7.6	6.8	6.2	5.9	6.1	6.8	8.0	9.2	10.2	10.5	10.2
F	9.1	7.4	5.4	3.5	2.0	1.3	1.6	2.8	4.6	6.4	7.9	8.9
21	9.1	8.6	7.6	6.4	5.4	4.9	5.3	6.5	8.1	9.6	10.8	11.1
Sa	10.5	9.1	7.0	4.7	2.4	0.9	0.5	1.4	3.2	5.4	7.5	9.0
22	9.8	9.6	8.6	7.1	5.4	4.2	4.0	4.9	6.6	8.6	10.4	11.4
Su	11.6	10.6	8.7	6.1	3.4	1.1	-0.1	0.2	1.8	4.2	6.8	8.9
23	10.2	10.5	9.7	8.0	5.9	4.1	3.0	3.3	4.8	7.1	9.4	11.2
M	12.0	11.7	10.2	7.8	4.8	1.9	-0.1	-0.6	0.6	2.9	5.8	8.4
24	10.3	11.2	10.7	9.2	6.9	4.4	2.6	2.1	3.0	5.2	7.9	10.3
Tu	11.9	12.3	11.4	9.4	6.4	3.2	0.6	-0.7	-0.3	1.7	4.6	7.7
25	10.1	11.6	11.7	10.4	8.1	5.3	2.8	1.4	1.5	3.2	5.9	8.8
W	11.1	12.3	12.2	10.7	8.1	4.9	1.8	-0.2	-0.6	0.7	3.5	6.7
26	9.6	11.6	12.3	11.6	9.5	6.7	3.7	1.4	0.6	1.5	3.8	6.8
Th	9.7	11.6	12.2	11.5	9.5	6.6	3.5	0.9	-0.3	0.2	2.4	5.6
27	8.8	11.3	12.6	12.4	10.9	8.3	5.1	2.2	0.4	0.3	1.9	4.6
F	7.7	10.2	11.6	11.7	10.5	8.2	5.3	2.6	0.8	0.4	1.7	4.5
28	7.8	10.6	12.5	12.9	12.0	9.8	6.9	3.7	1.2	0.0	0.5	2.5
Sa	5.4	8.3	10.3	11.1	10.7	9.3	7.0	4.5	2.3	1.2	1.6	3.6

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

VALDEZ, ALASKA, 2009

Lat. 61° 08′N Long. 146° 22′W

MARCH

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	6.5	9.6	11.9	12.9	12.6	11.2	8.7	5.7	2.8	0.7	0.0	0.9
Su	3.2	5.9	8.3	9.8	10.2	9.6	8.2	6.2	4.2	2.6	2.2	3.2
2	5.4	8.2	10.7	12.3	12.8	12.0	10.3	7.9	5.1	2.5	0.8	0.4
M	1.5	3.6	6.0	7.8	8.9	9.1	8.6	7.4	5.9	4.4	3.4	3.4
3	4.6	6.8	9.2	11.1	12.1	12.2	11.4	9.8	7.5	4.9	2.6	1.2
Tu	0.9	1.9	3.6	5.5	6.9	7.8	8.1	7.9	7.2	6.2	5.1	4.4
4	4.6	5.7	7.4	9.3	10.8	11.5	11.6	11.0	9.6	7.6	5.3	3.2
W	1.7	1.3	1.9	3.1	4.5	5.8	6.8	7.6	7.8	7.6	6.8	5.9
5	5.3	5.3	6.1	7.3	8.7	9.9	10.8	11.2	11.0	9.9	8.2	6.0
Th	3.8	2.2	1.3	1.4	2.2	3.5	4.9	6.4	7.6	8.3	8.3	7.7
6	6.7	5.9	5.4	5.6	6.4	7.6	9.0	10.3	11.1	11.3	10.6	8.9
F	6.7	4.2	2.2	0.9	0.5	1.2	2.7	4.6	6.6	8.3	9.2	9.3
7	8.5	7.3	5.9	4.8	4.5	5.1	6.4	8.3	10.1	11.4	11.9	11.3
Sa	9.6	7.1	4.3	1.7	0.0	-0.4	0.5	2.5	5.0	7.5	9.4	10.4
8	10.3	9.1	7.3	5.2	3.6	3.0	3.7	5.5	7.9	10.2	11.9	12.5
Su	11.9	9.9	7.1	3.8	0.9	-0.9	-1.1	0.4	3.0	6.1	8.8	10.8
9	11.5	11.0	9.2	6.6	4.0	2.0	1.5	2.6	5.0	7.9	10.6	12.4
M	13.0	12.1	9.8	6.5	2.9	-0.1	-1.5	-1.1	1.1	4.3	7.6	10.4
10	12.1	12.4	11.2	8.7	5.4	2.4	0.5	0.3	2.0	4.9	8.2	11.1
Tu	12.8	13.1	11.9	9.2	5.6	1.9	-0.8	-1.6	-0.4	2.5	6.0	9.4
11	11.9	13.1	12.7	10.7	7.6	3.9	0.8	-0.7	-0.2	2.1	5.4	8.8
W	11.4	12.9	12.8	11.1	8.1	4.4	1.1	-0.9	-0.9	1.0	4.3	8.0
12	11.1	13.0	13.5	12.3	9.7	6.1	2.4	-0.3	-1.3	-0.1	2.6	6.1
Th	9.3	11.6	12.6	12.0	10.0	6.9	3.5	0.7	-0.4	0.4	2.9	6.4
13	9.8	12.3	13.5	13.2	11.3	8.2	4.6	1.2	-0.9	-1.1	0.6	3.5
F	6.8	9.7	11.4	11.8	10.9	8.7	5.8	2.9	1.0	0.6	2.1	5.0
14	8.3	11.1	12.8	13.2	12.2	9.9	6.8	3.4	0.6	-0.8	-0.4	1.6
Sa	4.5	7.5	9.7	10.8	10.7	9.5	7.5	5.0	2.9	1.7	2.2	4.0
15	6.8	9.6	11.7	12.7	12.4	10.9	8.5	5.6	2.7	0.6	-0.2	0.7
Su	2.8	5.4	7.7	9.2	9.8	9.5	8.3	6.6	4.7	3.3	2.9	3.8
16	5.8	8.2	10.4	11.6	11.9	11.2	9.6	7.4	4.8	2.5	1.1	0.8
M	1.9	3.8	5.8	7.5	8.4	8.8	8.4	7.5	6.2	4.9	4.1	4.2
17	5.3	7.1	8.9	10.4	11.0	10.9	10.1	8.6	6.7	4.7	2.9	1.9
Tu	1.9	2.8	4.3	5.7	6.8	7.5	7.8	7.7	7.1	6.2	5.4	5.0
18	5.3	6.3	7.7	8.9	9.8	10.1	9.9	9.3	8.1	6.6	4.9	3.5
W	2.7	2.7	3.3	4.2	5.2	6.1	6.8	7.3	7.4	7.2	6.6	6.1
19	5.8	6.1	6.7	7.6	8.4	9.0	9.3	9.3	9.0	8.1	6.8	5.3
Th	4.1	3.2	3.0	3.2	3.8	4.6	5.5	6.5	7.3	7.7	7.6	7.1
20	6.6	6.3	6.2	6.4	6.9	7.6	8.2	8.9	9.2	9.1	8.4	7.2
F	5.7	4.3	3.3	2.7	2.6	3.1	4.2	5.5	6.8	7.8	8.3	8.2
21	7.6	6.8	6.1	5.6	5.6	6.0	6.8	7.9	8.9	9.5	9.5	8.8
Sa	7.4	5.8	4.1	2.7	1.9	1.9	2.8	4.3	6.0	7.7	8.8	9.1
22	8.7	7.7	6.5	5.3	4.5	4.4	5.1	6.4	8.0	9.3	10.1	10.0
Su	9.1	7.4	5.4	3.4	1.8	1.1	1.6	3.0	5.1	7.2	8.9	9.8
23	9.8	8.9	7.3	5.6	4.0	3.2	3.4	4.7	6.5	8.5	10.0	10.7
M	10.4	9.1	7.0	4.6	2.3	0.9	0.6	1.8	3.9	6.4	8.7	10.3
24	10.8	10.1	8.5	6.3	4.1	2.4	1.9	2.7	4.7	7.1	9.3	10.8
Tu	11.2	10.5	8.7	6.2	3.4	1.3	0.2	0.8	2.7	5.4	8.2	10.4
25	11.5	11.4	9.9	7.6	4.8	2.3	0.9	0.9	2.5	5.1	7.9	10.2
W	11.4	11.5	10.2	7.9	5.0	2.3	0.5	0.2	1.6	4.3	7.4	10.1
26	11.9	12.3	11.4	9.1	6.1	3.0	0.6	-0.3	0.5	2.9	5.9	8.8
Th	10.9	11.8	11.3	9.6	6.8	3.9	1.4	0.3	0.9	3.1	6.3	9.4
27	11.8	12.9	12.6	10.8	7.8	4.4	1.2	-0.8	-1.0	0.7	3.6	6.8
F	9.6	11.4	11.8	10.8	8.6	5.8	3.0	1.1	0.7	2.2	4.9	8.3
28	11.2	13.0	13.4	12.2	9.7	6.3	2.8	-0.1	-1.5	-1.0	1.2	4.4
Sa	7.7	10.1	11.4	11.3	9.9	7.6	4.9	2.5	1.3	1.7	3.8	6.8
29	10.1	12.5	13.6	13.2	11.4	8.4	4.9	1.5	-0.9	-1.7	-0.6	2.0
Su	5.2	8.2	10.1	10.9	10.4	8.9	6.7	4.3	2.6	2.0	3.0	5.4
30	8.5	11.3	13.0	13.5	12.5	10.4	7.3	3.9	0.9	-1.0	-1.3	0.2
M	2.8	5.8	8.2	9.6	10.1	9.5	8.1	6.2	4.3	3.1	3.0	4.3
31	6.8	9.5	11.7	12.9	12.8	11.6	9.4	6.6	3.5	0.9	-0.6	-0.6
Tu	0.9	3.3	5.8	7.7	8.8	9.1	8.7	7.6	6.1	4.7	3.8	4.0

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 08′N Long. 146° 22′W

APRIL

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	5.4	7.6	9.8	11.4	12.2	11.9	10.8	8.9	6.4	3.7	1.4	0.1
W	0.2	1.5	3.4	5.4	7.0	8.0	8.4	8.3	7.6	6.4	5.3	4.6
2	4.8	5.9	7.6	9.3	10.5	11.1	11.1	10.3	8.8	6.6	4.2	2.1
Th	0.9	0.7	1.6	3.1	4.7	6.2	7.4	8.2	8.5	8.1	7.1	5.9
3	5.2	5.1	5.7	6.9	8.2	9.3	10.1	10.5	10.2	9.1	7.2	4.9
F	2.8	1.4	0.9	1.4	2.6	4.1	5.8	7.4	8.6	9.1	8.8	7.8
4	6.4	5.3	4.7	4.8	5.6	6.8	8.2	9.4	10.3	10.4	9.6	7.8
Sa	5.6	3.3	1.6	0.8	1.0	2.1	3.9	6.0	8.0	9.5	10.1	9.6
5	8.3	6.6	4.9	3.7	3.4	4.1	5.5	7.3	9.2	10.5	10.8	10.1
Su	8.3	5.9	3.4	1.4	0.3	0.6	2.0	4.3	6.9	9.1	10.6	11.0
6	10.2	8.4	6.1	3.8	2.2	1.8	2.7	4.6	7.0	9.3	10.8	11.3
M	10.4	8.5	5.9	3.1	0.9	0.0	0.6	2.6	5.3	8.2	10.5	11.8
7	11.8	10.4	8.0	5.1	2.3	0.6	0.4	1.8	4.3	7.1	9.6	11.2
Tu	11.6	10.6	8.4	5.4	2.5	0.5	-0.1	1.2	3.7	6.9	9.8	11.9
8	12.7	12.1	10.1	7.0	3.6	0.7	-0.8	-0.4	1.6	4.5	7.6	10.1
W	11.6	11.6	10.3	7.8	4.7	1.9	0.3	0.4	2.3	5.3	8.6	11.3
9	12.9	13.1	11.8	9.1	5.6	2.0	-0.7	-1.6	-0.6	2.0	5.2	8.3
Th	10.6	11.7	11.4	9.7	7.0	4.0	1.5	0.6	1.5	3.9	7.1	10.2
10	12.4	13.4	12.9	10.9	7.7	4.0	0.6	-1.6	-1.8	-0.1	2.8	6.2
F	9.0	10.9	11.5	10.7	8.8	6.0	3.3	1.5	1.3	2.9	5.7	8.8
11	11.4	13.0	13.2	12.0	9.5	6.1	2.5	-0.4	-1.8	-1.3	0.9	4.0
Sa	7.1	9.5	10.8	10.9	9.8	7.7	5.2	3.1	2.0	2.5	4.5	7.3
12	10.1	12.1	13.0	12.5	10.7	7.9	4.6	1.5	-0.7	-1.4	-0.3	2.2
Su	5.1	7.8	9.6	10.4	10.1	8.8	6.8	4.7	3.2	2.8	3.8	6.0
13	8.6	10.9	12.2	12.4	11.4	9.3	6.6	3.6	1.0	-0.5	-0.5	1.0
M	3.4	6.0	8.1	9.3	9.6	9.1	7.8	6.2	4.6	3.7	3.8	5.2
14	7.3	9.5	11.1	11.7	11.4	10.1	8.0	5.6	3.1	1.1	0.2	0.6
Tu	2.2	4.3	6.4	7.9	8.7	8.8	8.3	7.2	5.9	4.8	4.3	4.8
15	6.2	8.1	9.7	10.7	10.8	10.2	9.0	7.2	5.0	3.0	1.5	1.0
W	1.6	3.1	4.8	6.4	7.4	8.0	8.1	7.8	7.0	6.0	5.2	5.0
16	5.6	6.8	8.2	9.3	9.9	9.8	9.3	8.2	6.7	4.9	3.3	2.1
Th	1.8	2.4	3.6	4.9	6.1	7.0	7.6	7.9	7.7	7.1	6.3	5.6
17	5.5	6.0	6.9	7.8	8.6	9.0	9.0	8.7	7.9	6.6	5.1	3.6
F	2.7	2.4	2.8	3.6	4.7	5.8	6.8	7.6	8.1	7.9	7.3	6.5
18	5.9	5.6	5.8	6.3	7.0	7.7	8.2	8.6	8.5	7.9	6.8	5.3
Sa	3.9	3.0	2.5	2.7	3.4	4.5	5.8	7.1	8.1	8.6	8.4	7.7
19	6.7	5.7	5.2	5.0	5.3	6.0	6.9	7.9	8.6	8.7	8.2	7.0
Su	5.5	4.0	2.9	2.3	2.5	3.3	4.7	6.4	7.9	9.1	9.4	8.9
20	7.8	6.4	5.1	4.1	3.8	4.2	5.2	6.6	7.9	8.9	9.1	8.5
M	7.2	5.5	3.8	2.5	2.0	2.3	3.6	5.4	7.5	9.2	10.1	10.1
21	9.1	7.5	5.6	3.8	2.7	2.4	3.2	4.8	6.7	8.4	9.5	9.6
Tu	8.8	7.2	5.3	3.4	2.0	1.7	2.5	4.3	6.7	9.0	10.6	11.2
22	10.6	9.0	6.7	4.3	2.2	1.1	1.2	2.7	4.9	7.2	9.1	10.1
W	10.0	8.9	7.0	4.8	2.8	1.6	1.7	3.2	5.7	8.4	10.6	11.9
23	11.9	10.6	8.3	5.4	2.5	0.4	-0.4	0.4	2.6	5.3	8.0	9.9
Th	10.7	10.3	8.8	6.6	4.1	2.2	1.4	2.2	4.4	7.3	10.1	12.1
24	12.9	12.2	10.2	7.2	3.8	0.7	-1.2	-1.4	0.2	3.0	6.1	8.8
F	10.5	11.0	10.3	8.4	5.9	3.5	1.9	1.7	3.2	5.9	9.0	11.7
25	13.3	13.4	12.1	9.4	5.9	2.2	-0.8	-2.3	-1.8	0.4	3.6	6.9
Sa	9.5	10.9	11.1	9.9	7.8	5.3	3.0	1.9	2.3	4.4	7.4	10.5
26	12.9	13.9	13.4	11.5	8.3	4.5	0.8	-1.9	-2.8	-1.7	1.0	4.4
Su	7.6	9.9	11.0	10.8	9.4	7.2	4.7	2.8	2.2	3.2	5.6	8.8
27	11.6	13.5	14.0	13.0	10.6	7.2	3.3	-0.1	-2.3	-2.7	-1.1	1.8
M	5.1	8.0	9.9	10.7	10.2	8.8	6.6	4.4	3.0	2.8	4.1	6.7
28	9.7	12.2	13.6	13.6	12.2	9.6	6.2	2.6	-0.5	-2.2	-2.2	-0.4
Tu	2.5	5.6	8.1	9.6	10.1	9.6	8.3	6.3	4.5	3.3	3.4	4.9
29	7.4	10.1	12.1	13.0	12.7	11.3	8.8	5.7	2.4	-0.3	-1.7	-1.4
W	0.4	3.1	5.8	7.9	9.2	9.6	9.2	8.0	6.4	4.7	3.8	4.0
30	5.4	7.6	9.8	11.3	11.9	11.6	10.4	8.3	5.5	2.6	0.3	-0.9
Th	-0.5	1.1	3.4	5.7	7.5	8.8	9.3	9.1	8.2	6.6	5.1	4.2

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

VALDEZ, ALASKA, 2009

Lat. 61° 08’N Long. 146° 22’W

MAY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	4.3	5.4	7.1	8.8	10.1	10.7	10.7	9.8	8.1	5.7	3.1	1.0
F	0.0	0.3	1.6	3.5	5.5	7.3	8.7	9.5	9.4	8.6	7.0	5.4
2	4.4	4.2	4.9	6.1	7.5	8.7	9.6	10.0	9.5	8.1	6.1	3.7
Sa	1.8	0.8	0.9	1.9	3.6	5.5	7.4	9.1	10.0	10.0	9.0	7.4
3	5.6	4.2	3.5	3.8	4.7	6.1	7.5	8.8	9.6	9.5	8.4	6.5
Su	4.3	2.4	1.3	1.2	2.1	3.8	5.9	8.0	9.8	10.8	10.6	9.4
4	7.5	5.3	3.5	2.5	2.4	3.3	4.8	6.7	8.4	9.5	9.6	8.7
M	6.9	4.8	2.8	1.6	1.4	2.4	4.3	6.7	9.0	10.8	11.6	11.1
5	9.6	7.2	4.6	2.4	1.1	1.0	2.2	4.2	6.4	8.4	9.7	9.9
Tu	8.9	7.1	4.9	2.9	1.7	1.7	2.9	5.2	7.8	10.2	11.8	12.2
6	11.3	9.3	6.5	3.5	1.0	-0.3	0.0	1.6	4.1	6.6	8.8	10.0
W	10.1	9.1	7.2	4.9	2.8	1.8	2.1	3.8	6.4	9.2	11.4	12.6
7	12.4	11.1	8.5	5.3	2.1	-0.3	-1.3	-0.5	1.7	4.5	7.2	9.3
Th	10.3	10.2	8.9	6.9	4.5	2.7	2.0	2.9	5.0	7.8	10.4	12.3
8	12.9	12.3	10.3	7.4	3.9	0.7	-1.4	-1.7	-0.3	2.3	5.3	7.9
F	9.8	10.5	10.1	8.6	6.4	4.1	2.6	2.5	3.9	6.4	9.1	11.4
9	12.8	12.9	11.6	9.2	5.9	2.4	-0.4	-1.9	-1.5	0.4	3.3	6.3
Sa	8.6	10.1	10.5	9.7	7.9	5.7	3.8	2.8	3.2	5.1	7.7	10.3
10	12.1	12.9	12.4	10.6	7.8	4.5	1.2	-1.1	-1.9	-0.8	1.5	4.4
Su	7.2	9.2	10.2	10.1	9.0	7.2	5.1	3.6	3.2	4.2	6.3	8.8
11	11.0	12.4	12.5	11.5	9.4	6.4	3.2	0.4	-1.3	-1.3	0.2	2.7
M	5.5	7.9	9.4	10.0	9.6	8.3	6.5	4.7	3.7	3.8	5.1	7.3
12	9.7	11.4	12.1	11.8	10.4	8.0	5.2	2.3	0.0	-1.0	-0.5	1.4
Tu	3.9	6.3	8.3	9.4	9.5	8.9	7.5	5.9	4.6	4.0	4.5	6.1
13	8.2	10.1	11.3	11.5	10.8	9.1	6.8	4.2	1.8	0.1	-0.4	0.5
W	2.5	4.8	6.9	8.3	9.1	9.0	8.3	7.0	5.6	4.6	4.4	5.2
14	6.8	8.6	10.1	10.8	10.6	9.7	8.1	5.9	3.6	1.6	0.4	0.4
Th	1.5	3.4	5.5	7.1	8.3	8.7	8.6	7.9	6.7	5.6	4.8	4.8
15	5.7	7.1	8.6	9.6	10.0	9.7	8.7	7.2	5.3	3.3	1.7	0.9
F	1.2	2.4	4.2	5.9	7.3	8.2	8.6	8.5	7.8	6.7	5.6	4.9
16	5.0	5.8	7.0	8.1	8.9	9.1	8.8	8.1	6.7	5.0	3.3	2.0
Sa	1.5	2.0	3.1	4.7	6.2	7.4	8.4	8.8	8.6	7.8	6.6	5.5
17	4.8	4.9	5.5	6.4	7.3	8.0	8.3	8.3	7.7	6.5	5.0	3.4
Su	2.4	2.0	2.5	3.6	5.1	6.6	7.9	8.9	9.3	8.9	7.9	6.5
18	5.3	4.5	4.3	4.7	5.5	6.4	7.3	7.9	8.1	7.7	6.6	5.1
M	3.7	2.7	2.5	3.0	4.1	5.6	7.2	8.7	9.7	9.9	9.3	7.9
19	6.2	4.7	3.6	3.3	3.6	4.5	5.7	6.9	7.9	8.3	7.9	6.8
Tu	5.4	4.0	3.0	2.7	3.3	4.5	6.3	8.2	9.8	10.7	10.6	9.5
20	7.7	5.6	3.7	2.4	1.9	2.3	3.6	5.3	7.0	8.2	8.7	8.3
W	7.1	5.6	4.2	3.1	2.8	3.5	5.2	7.3	9.4	11.0	11.6	11.1
21	9.5	7.2	4.7	2.4	0.8	0.4	1.3	3.1	5.3	7.4	8.8	9.2
Th	8.7	7.4	5.8	4.1	3.0	2.9	4.0	6.0	8.5	10.8	12.2	12.4
22	11.4	9.3	6.4	3.4	0.8	-0.7	-0.8	0.6	3.0	5.7	8.0	9.4
F	9.8	9.1	7.6	5.7	3.9	2.9	3.0	4.6	7.1	9.8	12.0	13.2
23	13.0	11.5	8.8	5.4	2.0	-0.8	-2.1	-1.6	0.4	3.3	6.3	8.6
Sa	10.0	10.3	9.4	7.6	5.5	3.6	2.7	3.3	5.3	8.2	11.0	13.1
24	13.9	13.3	11.2	8.1	4.3	0.6	-2.0	-3.0	-2.0	0.6	3.8	6.9
Su	9.3	10.5	10.5	9.3	7.3	5.1	3.3	2.7	3.7	6.1	9.2	11.9
25	13.8	14.2	13.2	10.7	7.2	3.1	-0.5	-2.9	-3.4	-1.9	1.1	4.5
M	7.6	9.8	10.8	10.5	9.1	6.9	4.6	3.0	2.8	4.2	6.8	9.9
26	12.5	14.0	14.1	12.8	10.0	6.3	2.2	-1.3	-3.2	-3.2	-1.4	1.8
Tu	5.2	8.1	10.1	10.8	10.3	8.8	6.5	4.3	2.9	3.0	4.6	7.3
27	10.2	12.6	13.8	13.6	12.0	9.1	5.4	1.6	-1.5	-3.1	-2.7	-0.5
W	2.6	5.8	8.5	10.1	10.7	10.1	8.4	6.3	4.2	3.0	3.2	4.9
28	7.5	10.1	12.1	13.0	12.7	11.1	8.3	4.9	1.4	-1.3	-2.5	-1.8
Th	0.4	3.5	6.4	8.7	10.2	10.6	9.9	8.3	6.1	4.2	3.1	3.3
29	4.9	7.3	9.5	11.2	11.9	11.5	10.1	7.7	4.6	1.5	-0.8	-1.6
F	-0.7	1.5	4.2	6.8	8.9	10.2	10.6	9.9	8.3	6.2	4.2	3.1
30	3.3	4.7	6.6	8.5	9.9	10.6	10.4	9.3	7.2	4.6	1.9	0.1
Sa	-0.4	0.5	2.5	4.9	7.2	9.1	10.4	10.7	10.0	8.4	6.2	4.3
31	3.1	3.1	4.1	5.6	7.1	8.5	9.3	9.5	8.7	7.1	4.8	2.6
Su	1.1	0.7	1.6	3.4	5.5	7.7	9.5	10.7	11.0	10.2	8.5	6.3

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 08′N Long. 146° 22′W

JUNE

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	4.2	2.8	2.5	3.1	4.3	5.8	7.3	8.4	8.9	8.5	7.1	5.2
M	3.3	2.1	1.8	2.5	4.1	6.1	8.2	10.0	11.2	11.4	10.4	8.5
2	6.1	3.9	2.3	1.7	2.0	3.2	4.8	6.5	7.9	8.7	8.4	7.3
Tu	5.7	4.1	2.9	2.6	3.2	4.7	6.8	8.9	10.7	11.7	11.6	10.4
3	8.3	5.7	3.3	1.5	0.7	1.0	2.3	4.2	6.2	7.9	8.7	8.6
W	7.7	6.2	4.7	3.5	3.1	3.8	5.4	7.5	9.7	11.4	12.1	11.7
4	10.2	7.8	5.1	2.4	0.5	-0.3	0.3	2.0	4.2	6.4	8.1	9.0
Th	8.9	8.0	6.5	4.9	3.7	3.5	4.3	6.2	8.4	10.5	11.9	12.3
5	11.5	9.7	7.1	4.1	1.3	-0.5	-0.9	0.2	2.2	4.7	7.0	8.6
F	9.4	9.2	8.1	6.5	4.9	3.8	3.7	4.9	7.0	9.3	11.2	12.3
6	12.3	11.1	9.0	6.1	2.9	0.3	-1.2	-1.1	0.5	2.9	5.5	7.7
Sa	9.1	9.7	9.2	8.0	6.2	4.6	3.7	4.1	5.7	7.9	10.1	11.8
7	12.5	12.0	10.5	8.0	4.8	1.7	-0.6	-1.5	-0.8	1.2	3.8	6.4
Su	8.4	9.6	9.8	9.1	7.5	5.7	4.2	3.7	4.5	6.4	8.8	10.8
8	12.1	12.4	11.5	9.6	6.8	3.5	0.6	-1.2	-1.5	-0.2	2.2	4.9
M	7.3	9.1	9.9	9.7	8.6	6.8	5.1	3.9	3.9	5.2	7.3	9.6
9	11.4	12.3	12.1	10.7	8.4	5.4	2.3	-0.2	-1.4	-1.0	0.7	3.3
Tu	6.0	8.1	9.5	9.9	9.3	7.9	6.1	4.5	3.8	4.2	5.8	8.0
10	10.2	11.6	12.0	11.4	9.7	7.1	4.1	1.3	-0.6	-1.2	-0.3	1.9
W	4.5	6.9	8.8	9.7	9.7	8.8	7.2	5.5	4.2	3.8	4.7	6.5
11	8.7	10.5	11.5	11.5	10.4	8.4	5.8	3.0	0.6	-0.7	-0.7	0.8
Th	3.1	5.7	7.8	9.2	9.7	9.3	8.2	6.6	5.0	4.0	4.0	5.2
12	7.1	9.0	10.5	11.0	10.6	9.3	7.2	4.7	2.2	0.3	-0.4	0.2
F	2.0	4.4	6.7	8.4	9.4	9.6	8.9	7.7	6.1	4.6	3.9	4.3
13	5.6	7.4	9.0	10.0	10.2	9.6	8.2	6.2	3.9	1.8	0.4	0.3
Sa	1.3	3.3	5.6	7.5	8.9	9.6	9.5	8.6	7.2	5.6	4.4	3.9
14	4.4	5.8	7.3	8.6	9.3	9.3	8.6	7.3	5.5	3.5	1.8	0.9
Su	1.2	2.6	4.5	6.6	8.2	9.3	9.8	9.5	8.4	6.9	5.3	4.1
15	3.8	4.3	5.5	6.9	7.9	8.4	8.4	7.9	6.7	5.1	3.4	2.1
M	1.7	2.3	3.7	5.6	7.4	8.9	9.8	10.1	9.6	8.3	6.6	4.9
16	3.7	3.4	3.9	4.9	6.1	7.1	7.7	7.9	7.5	6.5	5.1	3.7
Tu	2.7	2.6	3.3	4.7	6.5	8.2	9.6	10.4	10.5	9.8	8.2	6.3
17	4.4	3.2	2.7	3.0	4.0	5.1	6.3	7.3	7.7	7.6	6.7	5.4
W	4.2	3.4	3.3	4.1	5.4	7.1	8.9	10.3	11.1	11.1	10.0	8.1
18	5.9	3.8	2.3	1.7	1.9	2.9	4.3	5.9	7.2	7.9	7.9	7.2
Th	6.0	4.8	4.0	3.8	4.5	5.9	7.7	9.7	11.2	11.9	11.6	10.2
19	8.0	5.5	3.1	1.2	0.4	0.6	1.9	3.8	5.8	7.4	8.4	8.4
F	7.8	6.6	5.3	4.3	4.0	4.6	6.2	8.3	10.5	12.1	12.7	12.2
20	10.4	7.9	4.9	2.1	-0.1	-1.0	-0.5	1.2	3.6	6.0	7.9	9.0
Sa	9.1	8.4	7.0	5.4	4.2	3.8	4.6	6.4	8.9	11.3	13.0	13.4
21	12.6	10.6	7.6	4.2	0.9	-1.4	-2.2	-1.3	0.9	3.8	6.5	8.6
Su	9.7	9.8	8.8	7.1	5.3	3.8	3.4	4.5	6.7	9.5	12.1	13.7
22	14.0	12.9	10.5	7.1	3.2	-0.3	-2.6	-3.1	-1.7	1.0	4.3	7.2
M	9.4	10.4	10.3	9.0	7.0	4.8	3.2	3.0	4.4	7.0	10.0	12.6
23	14.1	14.3	12.9	10.2	6.4	2.3	-1.3	-3.4	-3.4	-1.6	1.6	5.0
Tu	8.0	10.1	11.0	10.6	8.9	6.5	4.2	2.7	2.7	4.4	7.2	10.3
24	12.9	14.3	14.2	12.6	9.5	5.5	1.3	-2.0	-3.7	-3.3	-0.9	2.5
W	6.0	8.9	10.8	11.4	10.6	8.6	6.0	3.6	2.2	2.5	4.4	7.3
25	10.4	12.8	13.9	13.6	11.8	8.6	4.6	0.7	-2.3	-3.5	-2.5	0.1
Th	3.6	7.1	9.7	11.3	11.5	10.4	8.2	5.5	3.1	1.9	2.4	4.4
26	7.3	10.1	12.2	13.1	12.6	10.8	7.7	3.9	0.4	-2.1	-2.7	-1.3
F	1.5	4.9	8.1	10.4	11.6	11.5	10.1	7.8	5.1	2.8	1.8	2.4
27	4.4	7.0	9.5	11.2	11.9	11.4	9.6	6.8	3.5	0.5	-1.3	-1.4
Sa	0.2	3.0	6.2	8.9	10.8	11.7	11.4	9.9	7.5	4.8	2.7	1.8
28	2.4	4.2	6.5	8.5	9.9	10.5	10.1	8.6	6.2	3.4	1.0	-0.2
Su	0.1	1.9	4.5	7.2	9.5	11.0	11.7	11.2	9.6	7.2	4.7	2.7
29	1.9	2.4	3.8	5.6	7.3	8.6	9.2	9.0	7.9	5.9	3.8	2.0
M	1.2	1.8	3.4	5.7	7.9	9.8	11.1	11.6	11.0	9.4	7.1	4.6
30	2.8	1.9	2.2	3.2	4.7	6.1	7.4	8.2	8.3	7.5	6.1	4.4
Tu	3.1	2.6	3.2	4.6	6.4	8.4	10.0	11.2	11.5	10.9	9.2	6.9

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

VALDEZ, ALASKA, 2009

Lat. 61° 08′N Long. 146° 22′W

JULY

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	4.6	2.8	1.8	1.7	2.5	3.7	5.2	6.6	7.7	8.0	7.5	6.5
W	5.2	4.2	3.8	4.2	5.3	6.9	8.7	10.2	11.3	11.5	10.7	9.0
2	6.8	4.5	2.5	1.4	1.1	1.7	3.0	4.7	6.3	7.6	8.1	7.8
Th	7.0	5.9	5.0	4.5	4.8	5.7	7.2	9.0	10.5	11.4	11.5	10.6
3	8.9	6.6	4.2	2.1	0.7	0.5	1.2	2.8	4.7	6.5	7.8	8.4
F	8.3	7.5	6.4	5.4	4.8	4.9	5.9	7.5	9.3	10.8	11.6	11.5
4	10.4	8.6	6.1	3.5	1.3	0.0	0.0	1.1	3.0	5.1	7.0	8.3
Sa	8.9	8.7	7.8	6.5	5.3	4.6	4.9	6.1	8.0	9.8	11.2	11.9
5	11.5	10.2	8.1	5.3	2.6	0.4	-0.6	-0.2	1.4	3.6	5.9	7.8
Su	9.0	9.3	8.9	7.7	6.1	4.8	4.3	4.9	6.5	8.5	10.4	11.7
6	12.0	11.4	9.7	7.2	4.3	1.4	-0.5	-1.0	0.0	2.0	4.5	6.8
M	8.6	9.6	9.6	8.7	7.2	5.4	4.2	4.0	5.1	7.0	9.2	11.0
7	12.0	12.1	11.0	8.9	6.0	2.9	0.3	-1.1	-1.0	0.6	3.0	5.6
Tu	7.9	9.4	10.0	9.5	8.2	6.3	4.6	3.7	4.0	5.5	7.7	9.9
8	11.5	12.2	11.8	10.3	7.7	4.6	1.6	-0.6	-1.4	-0.5	1.6	4.3
W	6.9	8.9	10.1	10.1	9.1	7.4	5.4	3.8	3.3	4.2	6.1	8.4
9	10.5	11.8	12.1	11.1	9.1	6.3	3.2	0.5	-1.1	-1.1	0.4	3.0
Th	5.8	8.2	9.8	10.4	9.9	8.4	6.4	4.5	3.3	3.3	4.6	6.8
10	9.1	10.9	11.8	11.5	10.1	7.7	4.8	1.9	-0.3	-1.1	-0.3	1.8
F	4.6	7.3	9.3	10.4	10.4	9.4	7.6	5.5	3.8	3.0	3.5	5.1
11	7.4	9.6	10.9	11.3	10.5	8.8	6.3	3.5	1.1	-0.4	-0.4	1.0
Sa	3.5	6.3	8.6	10.1	10.6	10.1	8.7	6.7	4.7	3.2	2.8	3.8
12	5.7	7.9	9.6	10.5	10.4	9.4	7.5	5.1	2.7	0.8	0.1	0.7
Su	2.7	5.3	7.8	9.7	10.6	10.6	9.6	8.0	5.9	4.0	2.8	2.9
13	4.1	6.0	7.9	9.3	9.8	9.4	8.3	6.5	4.4	2.4	1.1	1.0
M	2.2	4.4	6.9	9.0	10.4	10.8	10.4	9.2	7.3	5.3	3.5	2.6
14	2.9	4.2	6.0	7.6	8.6	8.8	8.4	7.4	5.9	4.1	2.6	1.9
Tu	2.3	3.8	5.9	8.1	9.8	10.8	10.9	10.3	8.9	6.9	4.8	3.2
15	2.5	2.8	4.0	5.5	6.8	7.7	8.0	7.8	7.0	5.7	4.3	3.2
W	2.9	3.6	5.1	7.1	8.9	10.3	11.0	11.1	10.3	8.7	6.7	4.5
16	2.9	2.2	2.5	3.4	4.7	5.9	6.9	7.4	7.5	7.0	6.0	4.9
Th	4.1	3.9	4.6	5.9	7.6	9.3	10.6	11.4	11.4	10.5	8.8	6.6
17	4.4	2.7	1.7	1.7	2.4	3.6	5.0	6.3	7.3	7.6	7.4	6.6
F	5.6	4.9	4.6	5.1	6.2	7.7	9.4	10.9	11.8	11.9	11.0	9.1
18	6.8	4.3	2.2	0.9	0.6	1.2	2.6	4.4	6.1	7.5	8.2	8.1
Sa	7.4	6.3	5.4	4.8	5.0	5.9	7.6	9.6	11.3	12.4	12.6	11.6
19	9.6	6.9	4.0	1.5	-0.2	-0.7	0.1	1.9	4.2	6.4	8.1	8.9
Su	8.9	8.1	6.8	5.4	4.5	4.4	5.4	7.4	9.7	11.8	13.1	13.3
20	12.2	9.9	6.8	3.5	0.5	-1.5	-1.9	-0.7	1.7	4.5	7.1	9.0
M	9.9	9.8	8.6	6.8	4.9	3.7	3.5	4.8	7.2	10.0	12.3	13.8
21	13.9	12.6	10.0	6.5	2.6	-0.7	-2.6	-2.7	-0.9	2.0	5.2	8.1
Tu	10.1	10.9	10.4	8.8	6.4	4.1	2.6	2.7	4.3	7.1	10.2	12.8
22	14.2	14.2	12.7	9.7	5.7	1.6	-1.8	-3.4	-2.9	-0.5	2.9	6.4
W	9.3	11.2	11.6	10.7	8.5	5.7	3.1	1.6	2.0	4.1	7.2	10.4
23	13.0	14.3	14.1	12.2	8.9	4.7	0.6	-2.4	-3.5	-2.4	0.5	4.2
Th	7.8	10.6	12.1	12.1	10.6	7.9	4.8	2.1	0.9	1.6	4.0	7.3
24	10.5	12.9	14.0	13.4	11.3	7.8	3.7	-0.1	-2.5	-2.9	-1.2	2.0
F	5.8	9.2	11.6	12.6	12.1	10.1	7.1	3.9	1.4	0.5	1.5	4.1
25	7.3	10.3	12.4	13.1	12.3	10.1	6.7	2.9	-0.3	-2.0	-1.7	0.5
Sa	3.9	7.4	10.4	12.3	12.7	11.7	9.4	6.3	3.2	1.0	0.5	1.7
26	4.3	7.2	9.8	11.4	11.9	10.9	8.8	5.8	2.6	0.1	-0.9	0.0
Su	2.4	5.7	8.8	11.2	12.4	12.4	11.1	8.7	5.7	2.9	1.0	0.8
27	2.1	4.4	6.9	9.0	10.2	10.4	9.6	7.7	5.2	2.7	1.0	0.7
M	1.9	4.3	7.2	9.7	11.4	12.2	11.9	10.4	8.1	5.3	2.9	1.4
28	1.3	2.5	4.3	6.3	7.9	8.9	9.1	8.5	7.1	5.2	3.3	2.3
Tu	2.4	3.7	5.8	8.1	10.0	11.2	11.7	11.3	9.9	7.7	5.3	3.1
29	1.9	1.8	2.6	4.0	5.5	6.8	7.7	8.1	7.8	6.9	5.5	4.3
W	3.7	4.0	5.1	6.8	8.5	9.9	10.8	11.2	10.8	9.5	7.6	5.4
30	3.5	2.3	2.0	2.5	3.5	4.7	5.9	7.0	7.6	7.6	7.1	6.2
Th	5.3	4.9	5.1	5.9	7.1	8.4	9.6	10.5	10.9	10.6	9.4	7.6
31	5.6	3.8	2.5	1.9	2.1	2.8	4.0	5.4	6.7	7.6	7.8	7.5
F	6.9	6.2	5.6	5.6	6.0	7.0	8.2	9.4	10.4	10.9	10.5	9.4

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 08′N Long. 146° 22′W

AUGUST

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	7.7	5.8	3.8	2.3	1.4	1.5	2.3	3.7	5.4	6.9	7.9	8.3
Sa	8.1	7.4	6.6	5.8	5.4	5.8	6.7	8.1	9.5	10.6	11.1	10.7
2	9.5	7.7	5.5	3.3	1.6	0.7	1.0	2.2	3.9	5.9	7.5	8.6
Su	8.9	8.5	7.6	6.4	5.4	4.9	5.3	6.6	8.2	9.9	11.0	11.4
3	10.9	9.5	7.4	4.8	2.4	0.6	0.1	0.8	2.4	4.6	6.7	8.4
M	9.3	9.4	8.6	7.3	5.8	4.6	4.3	5.1	6.7	8.7	10.5	11.6
4	11.7	10.9	9.1	6.5	3.7	1.2	-0.3	-0.3	1.0	3.2	5.7	7.9
Tu	9.4	10.0	9.6	8.3	6.5	4.7	3.7	3.8	5.2	7.2	9.4	11.1
5	12.0	11.8	10.5	8.2	5.2	2.3	0.0	-0.9	-0.1	1.9	4.5	7.1
W	9.1	10.3	10.3	9.3	7.5	5.3	3.6	3.0	3.7	5.6	8.0	10.2
6	11.8	12.3	11.5	9.7	6.9	3.7	0.9	-0.8	-0.9	0.7	3.3	6.1
Th	8.6	10.3	10.9	10.3	8.6	6.3	4.1	2.6	2.6	3.9	6.3	8.8
7	10.9	12.1	12.1	10.8	8.4	5.3	2.2	-0.1	-1.0	-0.2	2.1	5.0
F	7.9	10.1	11.2	11.0	9.7	7.5	5.0	2.9	2.0	2.6	4.5	7.1
8	9.6	11.4	12.0	11.4	9.6	6.8	3.8	1.1	-0.5	-0.4	1.2	4.0
Sa	7.0	9.6	11.1	11.5	10.6	8.7	6.2	3.7	2.0	1.7	2.9	5.2
9	7.9	10.1	11.4	11.4	10.3	8.2	5.4	2.7	0.6	-0.1	0.8	3.0
Su	6.0	8.8	10.9	11.7	11.3	9.9	7.5	4.9	2.7	1.5	1.8	3.5
10	6.0	8.5	10.3	10.9	10.5	9.1	6.8	4.3	2.1	0.8	0.9	2.5
M	5.1	8.0	10.3	11.6	11.8	10.8	8.9	6.4	4.0	2.1	1.4	2.2
11	4.1	6.5	8.6	9.9	10.1	9.4	7.9	5.9	3.8	2.2	1.6	2.3
Tu	4.3	7.0	9.5	11.2	11.9	11.4	10.1	8.1	5.6	3.3	1.8	1.5
12	2.6	4.5	6.6	8.3	9.1	9.1	8.4	7.1	5.4	3.8	2.8	2.7
W	3.9	6.0	8.4	10.4	11.5	11.7	11.1	9.6	7.6	5.2	3.1	1.9
13	1.8	2.8	4.5	6.2	7.5	8.1	8.1	7.7	6.7	5.5	4.3	3.7
Th	4.0	5.2	7.1	9.1	10.6	11.4	11.5	10.8	9.4	7.4	5.2	3.2
14	2.0	1.9	2.7	4.0	5.3	6.4	7.2	7.6	7.5	6.9	6.0	5.1
F	4.6	4.9	6.0	7.5	9.1	10.4	11.2	11.4	10.9	9.7	7.8	5.5
15	3.5	2.1	1.6	2.0	3.0	4.3	5.5	6.7	7.5	7.8	7.5	6.7
Sa	5.9	5.4	5.4	6.0	7.2	8.6	10.1	11.1	11.7	11.4	10.3	8.3
16	6.0	3.7	1.9	1.0	1.0	1.8	3.3	5.0	6.7	7.9	8.5	8.3
Su	7.5	6.5	5.6	5.1	5.4	6.4	8.0	9.8	11.3	12.2	12.1	11.0
17	8.9	6.3	3.6	1.3	-0.1	-0.2	0.8	2.8	5.1	7.3	8.8	9.5
M	9.3	8.2	6.7	5.2	4.2	4.3	5.4	7.3	9.6	11.7	12.9	12.9
18	11.7	9.4	6.3	3.0	0.3	-1.3	-1.2	0.4	2.9	5.8	8.3	10.0
Tu	10.6	10.1	8.5	6.3	4.2	2.9	3.0	4.4	7.0	9.8	12.1	13.5
19	13.5	12.1	9.4	5.8	2.1	-0.8	-2.2	-1.6	0.6	3.8	7.0	9.7
W	11.4	11.6	10.5	8.3	5.4	2.9	1.5	1.8	3.8	6.9	10.1	12.6
20	14.0	13.8	12.1	8.9	4.9	1.0	-1.7	-2.6	-1.4	1.5	5.2	8.6
Th	11.2	12.5	12.3	10.5	7.5	4.2	1.5	0.3	1.1	3.6	7.0	10.4
21	12.9	14.1	13.6	11.4	8.0	3.9	0.2	-2.1	-2.3	-0.3	3.1	6.9
F	10.3	12.5	13.3	12.3	9.9	6.4	2.9	0.3	-0.4	0.9	3.7	7.3
22	10.6	12.9	13.7	12.8	10.4	6.8	2.9	-0.3	-1.8	-1.2	1.4	5.1
Sa	8.8	11.7	13.3	13.4	11.8	8.9	5.2	1.8	-0.3	-0.6	1.1	4.2
23	7.6	10.6	12.4	12.8	11.6	9.1	5.7	2.3	-0.1	-0.8	0.5	3.4
Su	7.0	10.3	12.6	13.5	12.9	10.9	7.8	4.2	1.2	-0.5	-0.3	1.7
24	4.7	7.8	10.3	11.6	11.6	10.3	7.9	5.0	2.3	0.7	0.7	2.5
M	5.4	8.6	11.3	12.8	13.1	12.0	9.8	6.8	3.6	1.1	-0.1	0.5
25	2.5	5.2	7.7	9.6	10.4	10.2	9.0	7.0	4.7	2.8	1.9	2.5
Tu	4.4	7.1	9.7	11.5	12.4	12.2	10.9	8.8	6.1	3.4	1.5	0.8
26	1.5	3.3	5.4	7.3	8.6	9.2	9.0	8.1	6.6	4.9	3.7	3.4
W	4.2	6.0	8.1	10.0	11.2	11.6	11.2	10.0	8.2	5.9	3.7	2.2
27	1.7	2.3	3.7	5.2	6.6	7.5	8.1	8.1	7.6	6.6	5.5	4.8
Th	4.7	5.5	6.9	8.4	9.7	10.4	10.7	10.4	9.5	7.9	6.0	4.2
28	2.9	2.5	2.8	3.6	4.7	5.7	6.7	7.4	7.8	7.6	7.0	6.3
F	5.8	5.7	6.3	7.2	8.1	9.0	9.7	10.1	10.1	9.4	8.1	6.4
29	4.8	3.5	2.8	2.7	3.2	4.0	5.1	6.3	7.3	7.9	8.0	7.6
Sa	7.0	6.4	6.2	6.3	6.8	7.5	8.4	9.3	10.0	10.1	9.6	8.4
30	6.8	5.1	3.6	2.6	2.2	2.5	3.5	4.9	6.4	7.7	8.4	8.6
Su	8.1	7.4	6.5	5.9	5.7	6.1	6.9	8.1	9.4	10.3	10.5	9.9
31	8.6	6.9	4.9	3.1	1.9	1.5	2.1	3.5	5.3	7.1	8.5	9.2
M	9.1	8.4	7.2	6.0	5.1	4.8	5.4	6.7	8.3	9.8	10.8	10.9

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

VALDEZ, ALASKA, 2009

Lat. 61° 08′N Long. 146° 22′W

SEPTEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	10.2	8.6	6.5	4.2	2.1	0.9	0.9	2.1	4.0	6.3	8.2	9.5
Tu	9.9	9.4	8.2	6.5	4.9	3.9	4.0	5.0	6.9	8.9	10.5	11.4
2	11.3	10.1	8.1	5.6	3.0	1.0	0.2	0.9	2.8	5.2	7.6	9.5
W	10.5	10.4	9.3	7.4	5.3	3.6	2.8	3.4	5.2	7.4	9.7	11.3
3	11.9	11.3	9.6	7.1	4.2	1.6	0.1	0.1	1.6	4.1	6.8	9.2
Th	10.8	11.2	10.4	8.6	6.2	3.8	2.3	2.1	3.4	5.7	8.3	10.5
4	11.9	12.0	10.9	8.7	5.8	2.8	0.6	−0.2	0.7	2.9	5.9	8.7
F	10.8	11.7	11.4	9.8	7.3	4.6	2.3	1.3	1.8	3.8	6.6	9.3
5	11.3	12.2	11.7	10.0	7.4	4.3	1.6	0.1	0.2	2.0	4.8	7.9
Sa	10.5	12.0	12.2	11.0	8.7	5.8	3.0	1.1	0.7	2.0	4.6	7.6
6	10.1	11.7	12.0	11.0	8.8	6.0	3.1	1.0	0.3	1.3	3.8	6.9
Su	9.9	11.9	12.6	12.0	10.1	7.2	4.2	1.6	0.3	0.7	2.7	5.6
7	8.5	10.6	11.6	11.4	9.9	7.5	4.8	2.4	1.0	1.2	3.0	5.9
M	9.0	11.4	12.7	12.6	11.2	8.8	5.8	2.8	0.8	0.1	1.2	3.5
8	6.4	9.1	10.7	11.1	10.4	8.7	6.4	4.1	2.3	1.7	2.6	4.9
Tu	7.9	10.6	12.4	12.9	12.1	10.2	7.6	4.6	2.0	0.4	0.4	1.8
9	4.3	7.0	9.1	10.2	10.2	9.3	7.7	5.7	3.9	2.8	2.8	4.2
W	6.7	9.4	11.6	12.6	12.5	11.3	9.3	6.7	3.9	1.7	0.6	0.9
10	2.5	4.8	7.1	8.7	9.4	9.2	8.4	7.1	5.5	4.2	3.6	4.1
Th	5.7	8.0	10.2	11.8	12.3	11.9	10.6	8.7	6.3	3.8	1.9	1.0
11	1.5	2.9	4.9	6.6	7.8	8.4	8.4	7.9	7.0	5.8	4.8	4.5
F	5.2	6.6	8.5	10.3	11.4	11.7	11.3	10.3	8.6	6.4	4.2	2.4
12	1.5	1.8	2.9	4.4	5.8	6.9	7.6	8.0	7.9	7.3	6.4	5.6
Sa	5.3	5.8	6.9	8.3	9.7	10.6	11.1	11.1	10.4	9.0	6.9	4.8
13	2.9	1.8	1.7	2.3	3.5	4.8	6.2	7.4	8.2	8.5	8.1	7.2
Su	6.3	5.7	5.7	6.3	7.4	8.6	9.9	10.8	11.2	10.9	9.6	7.7
14	5.3	3.2	1.7	1.1	1.5	2.6	4.2	6.1	7.8	9.0	9.4	8.9
M	7.9	6.6	5.4	4.9	5.1	6.1	7.6	9.3	10.8	11.7	11.6	10.4
15	8.3	5.7	3.1	1.2	0.3	0.6	2.0	4.2	6.6	8.8	10.1	10.5
Tu	9.8	8.2	6.3	4.5	3.5	3.5	4.8	6.8	9.2	11.2	12.3	12.3
16	11.0	8.6	5.6	2.6	0.4	−0.6	0.1	2.1	5.0	7.8	10.2	11.5
W	11.5	10.3	8.0	5.4	3.1	1.8	2.0	3.8	6.4	9.3	11.7	12.9
17	12.8	11.2	8.5	5.1	1.8	−0.4	−1.0	0.3	3.0	6.3	9.5	11.7
Th	12.7	12.1	10.2	7.3	4.0	1.4	0.2	0.9	3.3	6.5	9.7	12.2
18	13.3	12.9	11.0	7.9	4.3	1.0	−0.9	−0.8	1.2	4.5	8.1	11.2
F	13.1	13.5	12.2	9.6	6.0	2.5	−0.1	−0.9	0.5	3.4	6.9	10.2
19	12.5	13.4	12.6	10.4	7.0	3.4	0.5	−0.8	0.1	2.8	6.4	9.9
Sa	12.6	13.9	13.6	11.7	8.4	4.5	1.0	−1.2	−1.3	0.6	3.9	7.5
20	10.6	12.5	13.0	11.9	9.4	6.0	2.7	0.4	0.0	1.6	4.7	8.3
Su	11.5	13.6	14.1	13.1	10.6	7.0	3.2	0.0	−1.5	−1.0	1.3	4.7
21	8.1	10.8	12.2	12.2	10.8	8.2	5.2	2.5	1.0	1.3	3.4	6.6
M	9.9	12.5	13.8	13.6	12.1	9.2	5.7	2.2	−0.3	−1.2	−0.2	2.4
22	5.6	8.5	10.6	11.5	11.1	9.6	7.3	4.7	2.7	2.0	3.0	5.3
Tu	8.2	11.0	12.8	13.3	12.6	10.7	7.9	4.7	1.8	−0.1	−0.3	1.0
23	3.5	6.2	8.5	10.0	10.4	9.9	8.5	6.6	4.7	3.5	3.3	4.6
W	6.8	9.3	11.3	12.4	12.4	11.3	9.4	6.9	4.3	2.0	0.7	0.8
24	2.2	4.3	6.5	8.2	9.1	9.4	8.9	7.9	6.4	5.1	4.4	4.7
Th	6.0	7.9	9.7	11.0	11.5	11.2	10.2	8.6	6.5	4.3	2.5	1.7
25	2.0	3.2	4.8	6.3	7.5	8.2	8.5	8.3	7.6	6.6	5.8	5.4
F	5.8	6.8	8.2	9.4	10.2	10.4	10.2	9.4	8.1	6.5	4.7	3.3
26	2.6	2.8	3.6	4.7	5.8	6.8	7.6	8.1	8.2	7.8	7.1	6.4
Sa	6.1	6.4	7.1	7.9	8.7	9.3	9.6	9.6	9.2	8.2	6.8	5.2
27	4.0	3.2	3.1	3.5	4.3	5.2	6.3	7.4	8.2	8.5	8.2	7.6
Su	6.9	6.4	6.3	6.6	7.2	7.8	8.5	9.2	9.5	9.3	8.5	7.1
28	5.6	4.3	3.3	2.9	3.1	3.8	5.0	6.4	7.8	8.7	9.0	8.7
M	7.9	6.9	6.2	5.7	5.7	6.2	7.1	8.2	9.3	9.8	9.7	8.8
29	7.4	5.7	4.1	2.8	2.3	2.6	3.7	5.3	7.2	8.7	9.6	9.7
Tu	9.0	7.8	6.4	5.3	4.6	4.6	5.5	6.9	8.4	9.7	10.4	10.1
30	9.0	7.3	5.3	3.4	2.1	1.8	2.5	4.2	6.3	8.4	9.9	10.5
W	10.1	8.9	7.2	5.4	3.9	3.3	3.8	5.2	7.1	9.0	10.4	10.9

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 08′N Long. 146° 22′W

OCTOBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1 Th	10.3 11.2	8.9 10.1	6.8 8.3	4.5 6.0	2.5 3.8	1.4 2.4	1.6 2.2	3.0 3.3	5.3 5.4	7.8 7.8	9.9 9.9	11.1 11.1
2 F	11.3 12.0	10.3 11.4	8.4 9.6	5.9 7.1	3.4 4.3	1.6 2.1	1.1 1.1	2.1 1.5	4.3 3.4	7.0 6.1	9.6 8.7	11.4 10.7
3 Sa	11.6 12.6	11.3 12.5	9.9 11.1	7.5 8.5	4.8 5.5	2.5 2.5	1.2 0.6	1.4 0.2	3.2 1.5	6.0 4.0	8.9 7.0	11.3 9.7
4 Su	11.4 12.7	11.9 13.2	11.1 12.4	9.1 10.1	6.5 7.0	3.8 3.7	1.8 0.9	1.3 −0.5	2.4 −0.1	4.9 1.9	8.0 4.9	10.8 8.0
5 M	10.4 12.3	11.7 13.6	11.7 13.3	10.4 11.6	8.1 8.8	5.4 5.4	3.0 2.1	1.7 −0.2	2.0 −0.9	3.9 0.2	6.8 2.8	9.9 6.0
6 Tu	8.9 11.5	10.9 13.3	11.6 13.8	11.1 12.8	9.5 10.6	7.1 7.4	4.6 4.0	2.8 1.0	2.2 −0.8	3.2 −0.8	5.6 0.8	8.7 3.7
7 W	6.8 10.2	9.4 12.5	10.9 13.6	11.1 13.4	10.3 11.9	8.5 9.4	6.3 6.2	4.3 3.0	3.0 0.4	3.1 −0.8	4.6 −0.3	7.2 1.7
8 Th	4.5 8.5	7.3 11.1	9.4 12.8	10.4 13.3	10.3 12.7	9.4 11.0	7.8 8.5	5.9 5.5	4.3 2.6	3.6 0.5	4.1 −0.3	5.9 0.4
9 F	2.4 6.9	5.0 9.2	7.3 11.2	8.9 12.4	9.6 12.6	9.5 11.8	8.7 10.2	7.4 8.0	6.0 5.3	4.8 2.8	4.4 1.0	5.1 0.4
10 Sa	1.1 5.8	2.9 7.3	5.1 9.1	6.9 10.6	8.2 11.5	8.9 11.6	9.0 11.1	8.5 9.9	7.6 8.0	6.3 5.6	5.4 3.3	5.1 1.6
11 Su	1.0 5.5	1.6 5.9	3.0 6.9	4.7 8.3	6.3 9.5	7.6 10.4	8.5 10.8	8.9 10.7	8.8 9.9	8.0 8.3	6.9 6.2	5.9 4.0
12 M	2.3 6.2	1.5 5.4	1.7 5.3	2.7 5.9	4.2 6.9	5.8 8.2	7.3 9.4	8.7 10.3	9.5 10.7	9.5 10.3	8.7 8.9	7.5 6.8
13 Tu	4.6 7.8	2.7 6.1	1.6 4.7	1.5 4.1	2.3 4.3	3.8 5.4	5.8 7.0	7.8 8.8	9.4 10.3	10.4 11.1	10.4 10.8	9.4 9.5
14 W	7.4 9.9	4.9 7.7	2.7 5.4	1.4 3.4	1.1 2.4	2.0 2.7	3.9 4.1	6.3 6.2	8.8 8.6	10.7 10.5	11.6 11.5	11.3 11.3
15 Th	9.9 11.8	7.6 9.8	4.9 7.1	2.5 4.1	1.0 1.8	0.9 0.8	2.2 1.3	4.7 3.2	7.5 6.0	10.2 8.8	12.0 10.9	12.6 12.0
16 F	11.7 13.3	10.1 11.9	7.5 9.3	4.6 5.9	2.1 2.5	0.7 0.1	1.1 −0.6	3.0 0.5	5.9 3.1	9.1 6.3	11.7 9.3	13.3 11.4
17 Sa	12.3 14.1	11.8 13.5	9.9 11.4	7.1 8.2	4.1 4.4	1.7 0.9	0.8 −1.2	1.8 −1.3	4.3 0.4	7.6 3.5	10.8 6.9	13.1 9.9
18 Su	11.8 14.0	12.4 14.3	11.5 13.1	9.3 10.4	6.4 6.7	3.5 2.8	1.6 −0.3	1.4 −1.9	3.0 −1.3	5.9 1.0	9.3 4.3	12.2 7.7
19 M	10.4 13.1	11.9 14.2	12.1 13.9	10.9 12.0	8.5 9.0	5.7 5.2	3.2 1.6	1.9 −1.0	2.4 −1.8	4.5 −0.6	7.6 2.0	10.8 5.4
20 Tu	8.5 11.8	10.7 13.5	11.7 13.9	11.5 12.9	10.0 10.7	7.7 7.5	5.1 4.0	3.2 0.8	2.6 −1.0	3.7 −1.2	6.1 0.5	9.1 3.3
21 W	6.4 10.2	9.0 12.2	10.6 13.2	11.2 13.0	10.6 11.6	9.0 9.3	6.9 6.2	4.9 3.1	3.6 0.7	3.6 −0.5	5.0 −0.1	7.5 1.8
22 Th	4.4 8.6	7.1 10.7	9.1 12.1	10.2 12.5	10.4 11.9	9.7 10.3	8.2 8.0	6.5 5.4	4.9 2.8	4.2 1.0	4.7 0.4	6.3 1.1
23 F	3.0 7.2	5.3 9.1	7.4 10.6	8.8 11.4	9.6 11.4	9.6 10.6	8.9 9.2	7.7 7.2	6.4 5.0	5.3 3.0	5.0 1.6	5.7 1.4
24 Sa	2.2 6.4	3.9 7.7	5.7 9.0	7.3 10.0	8.4 10.5	8.9 10.3	9.0 9.6	8.5 8.5	7.6 6.9	6.6 5.0	5.8 3.4	5.7 2.4
25 Su	2.3 6.1	3.0 6.6	4.3 7.5	5.8 8.5	7.0 9.1	7.9 9.5	8.6 9.5	8.8 9.1	8.5 8.2	7.7 6.8	6.9 5.3	6.2 3.8
26 M	3.0 6.4	2.9 6.1	3.5 6.3	4.5 6.9	5.6 7.5	6.8 8.2	7.8 8.7	8.7 9.0	9.0 8.9	8.7 8.2	8.0 7.0	7.1 5.5
27 Tu	4.2 7.1	3.4 6.1	3.1 5.6	3.5 5.5	4.4 5.9	5.6 6.6	6.9 7.5	8.3 8.4	9.2 9.0	9.5 9.1	9.1 8.4	8.2 7.2
28 W	5.7 8.1	4.3 6.7	3.4 5.3	3.1 4.5	3.4 4.3	4.5 4.8	5.9 5.9	7.6 7.2	9.1 8.5	10.1 9.4	10.2 9.4	9.4 8.7
29 Th	7.3 9.4	5.7 7.7	4.2 5.7	3.2 4.1	2.9 3.1	3.5 3.1	4.9 4.0	6.8 5.6	8.8 7.5	10.4 9.0	11.0 9.9	10.7 9.8
30 F	8.9 10.9	7.3 9.0	5.5 6.7	3.8 4.3	2.8 2.5	2.8 1.6	3.9 2.1	5.9 3.7	8.2 5.9	10.3 8.1	11.6 9.8	11.8 10.5
31 Sa	10.2 12.2	8.9 10.6	7.0 8.1	5.0 5.2	3.3 2.6	2.6 0.8	3.1 0.4	4.8 1.6	7.3 3.9	9.9 6.5	11.8 8.9	12.6 10.5

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

VALDEZ, ALASKA, 2009

Lat. 61° 08′N Long. 146° 22′W

NOVEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1	11.0	10.3	8.7	6.5	4.4	2.9	2.7	3.8	6.2	9.0	11.5	13.1
Su	13.3	12.2	9.9	6.8	3.5	0.8	-0.6	-0.2	1.6	4.5	7.4	9.8
2	11.1	11.2	10.2	8.2	5.9	3.8	2.7	3.1	5.0	7.8	10.7	12.9
M	13.9	13.5	11.7	8.8	5.2	1.8	-0.6	-1.4	-0.4	2.2	5.3	8.3
3	10.5	11.5	11.2	9.8	7.6	5.2	3.5	2.9	3.9	6.3	9.4	12.1
Tu	13.9	14.4	13.3	10.9	7.5	3.7	0.4	-1.5	-1.7	0.0	2.9	6.2
4	9.1	10.9	11.5	10.8	9.2	6.9	4.8	3.4	3.4	5.0	7.7	10.7
W	13.1	14.4	14.2	12.6	9.8	6.2	2.5	-0.4	-1.9	-1.5	0.7	3.8
5	7.0	9.5	10.9	11.1	10.3	8.5	6.4	4.5	3.6	4.1	6.0	8.8
Th	11.6	13.6	14.3	13.6	11.7	8.7	5.2	1.8	-0.7	-1.7	-0.9	1.5
6	4.6	7.4	9.6	10.6	10.6	9.7	8.1	6.1	4.6	4.0	4.8	6.8
F	9.4	11.9	13.4	13.7	12.8	10.8	7.9	4.6	1.6	-0.5	-1.1	-0.1
7	2.3	5.1	7.6	9.4	10.2	10.2	9.4	7.9	6.2	4.8	4.5	5.3
Sa	7.2	9.5	11.5	12.6	12.7	11.8	10.0	7.4	4.5	1.8	0.0	-0.3
8	0.8	2.9	5.4	7.6	9.1	9.9	10.0	9.3	8.0	6.4	5.2	4.8
Su	5.5	7.1	9.0	10.5	11.4	11.6	10.9	9.5	7.3	4.7	2.3	0.8
9	0.5	1.5	3.4	5.5	7.4	8.9	9.9	10.2	9.7	8.4	6.8	5.4
M	4.8	5.2	6.4	7.8	9.2	10.1	10.6	10.4	9.4	7.5	5.2	3.0
10	1.5	1.2	2.0	3.7	5.6	7.5	9.2	10.4	10.8	10.2	8.8	7.0
Tu	5.4	4.4	4.4	5.1	6.3	7.7	9.0	9.9	10.1	9.5	7.9	5.8
11	3.7	2.2	1.8	2.4	3.9	5.8	7.9	9.8	11.2	11.6	10.8	9.1
W	7.0	5.0	3.6	3.1	3.6	4.8	6.5	8.3	9.6	10.2	9.8	8.3
12	6.3	4.3	2.7	2.1	2.7	4.2	6.4	8.8	10.9	12.2	12.3	11.2
Th	9.1	6.6	4.1	2.3	1.6	2.2	3.7	5.8	8.0	9.7	10.5	10.1
13	8.7	6.7	4.6	3.0	2.4	3.0	4.8	7.3	9.9	12.0	13.1	12.8
F	11.3	8.8	5.8	2.9	0.9	0.2	1.1	3.1	5.7	8.2	10.1	10.8
14	10.4	9.0	6.8	4.6	3.0	2.6	3.6	5.8	8.6	11.2	13.0	13.7
Sa	13.0	10.9	8.0	4.6	1.5	-0.4	-0.7	0.7	3.2	6.1	8.7	10.5
15	11.1	10.6	8.9	6.7	4.5	3.0	2.9	4.4	7.0	9.9	12.3	13.8
Su	13.9	12.7	10.1	6.8	3.2	0.2	-1.4	-1.1	0.9	3.8	6.9	9.4
16	10.9	11.3	10.5	8.6	6.3	4.2	3.1	3.5	5.5	8.3	11.0	13.1
M	14.1	13.7	11.9	9.0	5.4	1.8	-0.8	-1.7	-0.8	1.7	4.8	7.7
17	10.0	11.2	11.2	10.1	8.1	5.8	4.0	3.4	4.4	6.7	9.5	12.0
Tu	13.6	13.9	13.0	10.8	7.6	4.0	0.8	-1.3	-1.5	0.1	2.8	5.9
18	8.6	10.4	11.2	10.8	9.4	7.4	5.3	4.0	3.9	5.4	7.8	10.4
W	12.5	13.6	13.4	12.0	9.5	6.2	2.8	0.1	-1.2	-0.8	1.2	4.0
19	6.9	9.2	10.6	10.9	10.2	8.7	6.7	5.0	4.2	4.7	6.4	8.8
Th	11.1	12.6	13.1	12.5	10.7	8.1	5.0	2.1	0.0	-0.7	0.3	2.4
20	5.1	7.7	9.5	10.4	10.4	9.5	8.0	6.3	4.9	4.6	5.4	7.3
F	9.5	11.3	12.4	12.4	11.4	9.4	6.9	4.1	1.7	0.2	0.1	1.4
21	3.6	6.1	8.1	9.5	10.1	9.8	8.9	7.5	6.0	5.1	5.1	6.1
Sa	7.9	9.8	11.1	11.7	11.3	10.2	8.3	6.0	3.6	1.7	0.8	1.1
22	2.5	4.6	6.7	8.4	9.4	9.7	9.4	8.5	7.2	6.0	5.3	5.5
Su	6.6	8.1	9.6	10.5	10.7	10.2	9.1	7.4	5.4	3.4	2.0	1.5
23	2.1	3.5	5.4	7.1	8.5	9.3	9.6	9.2	8.3	7.1	6.0	5.5
M	5.7	6.7	7.9	9.0	9.6	9.7	9.3	8.4	6.9	5.2	3.5	2.4
24	2.2	3.0	4.4	6.0	7.4	8.6	9.4	9.7	9.3	8.3	7.1	6.0
Tu	5.5	5.6	6.3	7.3	8.1	8.7	8.9	8.7	8.0	6.7	5.2	3.8
25	3.0	3.0	3.7	5.0	6.4	7.8	9.0	9.8	10.0	9.5	8.3	6.9
W	5.7	5.1	5.1	5.6	6.4	7.2	7.9	8.4	8.5	7.9	6.8	5.4
26	4.2	3.5	3.5	4.3	5.5	7.0	8.5	9.8	10.5	10.5	9.7	8.2
Th	6.6	5.2	4.3	4.1	4.5	5.4	6.5	7.6	8.4	8.6	8.1	7.0
27	5.7	4.6	3.9	3.9	4.7	6.0	7.7	9.4	10.7	11.3	11.0	9.7
F	7.9	5.9	4.2	3.1	2.9	3.4	4.7	6.2	7.7	8.7	9.0	8.5
28	7.3	6.0	4.8	4.1	4.2	5.1	6.7	8.7	10.6	11.8	12.1	11.3
Sa	9.6	7.2	4.9	2.9	1.7	1.6	2.6	4.3	6.4	8.2	9.3	9.5
29	8.9	7.6	6.1	4.8	4.1	4.3	5.6	7.6	9.9	11.8	12.9	12.7
Su	11.4	9.1	6.3	3.5	1.3	0.2	0.5	2.1	4.4	6.9	8.9	10.0
30	10.1	9.2	7.8	6.0	4.6	4.0	4.5	6.3	8.7	11.2	13.0	13.7
M	13.1	11.2	8.4	5.1	2.0	-0.2	-1.0	-0.1	2.1	4.9	7.6	9.6

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).

Lat. 61° 08′N Long. 146° 22′W

DECEMBER

Predicted hourly heights in feet

Day	Hours 0/12	Hours 1/13	Hours 2/14	Hours 3/15	Hours 4/16	Hours 5/17	Hours 6/18	Hours 7/19	Hours 8/20	Hours 9/21	Hours 10/22	Hours 11/23
1 Tu	10.6 14.3	10.5 13.2	9.4 10.8	7.6 7.5	5.7 3.8	4.2 0.6	3.8 −1.5	4.9 −1.8	7.1 −0.3	9.9 2.5	12.4 5.6	14.0 8.4
2 W	10.3 14.6	11.1 14.5	10.7 12.9	9.3 10.1	7.2 6.4	5.2 2.5	3.9 −0.7	3.9 −2.3	5.4 −2.1	8.0 0.0	10.9 3.1	13.4 6.4
3 Th	9.1 13.9	10.8 14.9	11.4 14.4	10.6 12.4	8.9 9.2	6.7 5.3	4.7 1.4	3.6 −1.5	4.0 −2.7	5.9 −1.9	8.8 0.6	11.7 3.9
4 F	7.2 12.2	9.7 14.1	11.2 14.7	11.4 13.8	10.4 11.6	8.5 8.3	6.2 4.4	4.3 0.7	3.5 −1.8	4.3 −2.5	6.4 −1.2	9.4 1.5
5 Sa	4.8 9.6	7.9 12.1	10.2 13.6	11.3 13.9	11.3 12.9	10.1 10.6	8.1 7.4	5.8 3.7	4.1 0.5	3.5 −1.6	4.5 −1.9	6.8 −0.3
6 Su	2.5 6.8	5.7 9.4	8.5 11.5	10.4 12.7	11.3 12.8	11.1 11.8	9.8 9.7	7.8 6.8	5.6 3.5	4.0 0.6	3.6 −1.0	4.6 −0.9
7 M	0.9 4.6	3.6 6.5	6.5 8.6	8.9 10.4	10.6 11.4	11.3 11.6	11.0 10.8	9.8 9.0	7.8 6.4	5.6 3.6	4.0 1.2	3.6 0.0
8 Tu	0.4 3.5	2.1 4.2	4.6 5.7	7.2 7.5	9.3 9.0	10.8 10.0	11.4 10.4	11.1 9.9	9.8 8.5	7.8 6.4	5.6 4.0	4.0 2.1
9 W	1.2 3.9	1.6 3.2	3.2 3.5	5.4 4.6	7.7 6.1	9.6 7.5	11.1 8.7	11.8 9.5	11.4 9.4	10.0 8.4	7.9 6.7	5.6 4.7
10 Th	3.1 5.5	2.4 3.6	2.8 2.6	4.1 2.5	6.1 3.4	8.2 4.8	10.1 6.4	11.5 7.9	12.2 9.0	11.7 9.3	10.2 8.6	7.9 7.2
11 F	5.4 7.8	4.0 5.2	3.3 3.0	3.6 1.7	4.8 1.5	6.6 2.2	8.7 3.8	10.6 5.7	12.1 7.6	12.6 8.9	11.9 9.4	10.2 8.9
12 Sa	7.7 10.0	6.2 7.4	4.8 4.6	4.0 2.2	4.2 0.7	5.3 0.5	7.2 1.5	9.3 3.4	11.3 5.6	12.6 7.7	12.9 9.2	12.0 9.8
13 Su	9.4 11.9	8.2 9.6	6.6 6.8	5.2 3.7	4.3 1.2	4.5 −0.3	5.8 −0.2	7.8 1.2	10.0 3.5	12.0 6.0	13.1 8.2	13.1 9.7
14 M	10.2 13.0	9.7 11.5	8.4 8.9	6.7 5.8	5.2 2.6	4.3 0.2	4.7 −0.9	6.3 −0.4	8.5 1.5	10.8 4.2	12.5 6.8	13.4 8.9
15 Tu	10.2 13.4	10.5 12.7	9.8 10.8	8.3 8.0	6.4 4.6	4.9 1.5	4.3 −0.7	5.0 −1.2	6.9 0.0	9.3 2.3	11.5 5.1	13.0 7.7
16 W	9.6 13.3	10.7 13.3	10.6 12.1	9.6 9.8	7.8 6.7	5.9 3.3	4.5 0.4	4.3 −1.1	5.5 −1.0	7.7 0.7	10.1 3.4	12.1 6.2
17 Th	8.6 12.5	10.3 13.3	10.9 12.8	10.4 11.2	9.0 8.6	7.1 5.3	5.3 2.1	4.2 −0.3	4.5 −1.2	6.1 −0.4	8.5 1.8	10.8 4.6
18 F	7.3 11.3	9.4 12.7	10.7 12.9	10.8 12.0	9.9 10.0	8.3 7.2	6.3 4.0	4.7 1.2	4.2 −0.6	4.9 −0.8	6.8 0.6	9.2 3.1
19 Sa	5.9 9.8	8.3 11.6	10.1 12.5	10.8 12.2	10.5 10.9	9.2 8.7	7.4 5.8	5.6 2.9	4.4 0.6	4.3 −0.5	5.5 0.0	7.6 1.9
20 Su	4.5 8.1	7.1 10.1	9.2 11.5	10.4 11.9	10.6 11.2	9.9 9.6	8.5 7.3	6.7 4.7	5.1 2.2	4.3 0.5	4.6 0.1	6.1 1.1
21 M	3.3 6.5	5.8 8.5	8.1 10.1	9.8 10.9	10.5 10.9	10.4 10.0	9.4 8.4	7.8 6.2	6.1 3.8	4.8 1.9	4.3 0.8	4.9 1.1
22 Tu	2.5 5.2	4.8 6.8	7.1 8.4	9.0 9.6	10.1 10.1	10.5 9.8	10.1 8.9	8.9 7.4	7.3 5.4	5.7 3.5	4.6 2.0	4.4 1.6
23 W	2.3 4.4	4.0 5.3	6.1 6.6	8.1 7.9	9.6 8.8	10.4 9.1	10.4 8.9	9.8 8.1	8.5 6.7	6.9 5.1	5.3 3.6	4.4 2.6
24 Th	2.6 4.2	3.6 4.2	5.3 5.0	7.2 6.1	8.8 7.1	10.0 7.9	10.6 8.3	10.5 8.2	9.7 7.6	8.3 6.5	6.6 5.2	5.1 4.0
25 F	3.4 4.7	3.7 3.8	4.8 3.7	6.3 4.3	8.0 5.2	9.4 6.2	10.4 7.1	10.9 7.8	10.7 8.0	9.7 7.6	8.1 6.7	6.2 5.6
26 Sa	4.7 5.9	4.3 4.2	4.6 3.1	5.6 2.8	7.0 3.2	8.5 4.2	10.0 5.4	11.0 6.7	11.4 7.7	11.0 8.1	9.8 7.9	7.9 7.2
27 Su	6.2 7.8	5.3 5.5	4.9 3.5	5.1 2.1	6.0 1.6	7.4 2.1	9.0 3.3	10.6 5.0	11.7 6.7	12.0 8.0	11.4 8.6	9.9 8.5
28 M	7.8 10.0	6.8 7.5	5.8 4.8	5.2 2.4	5.3 0.8	6.1 0.3	7.7 1.0	9.6 2.7	11.3 4.9	12.5 7.0	12.7 8.6	11.9 9.3
29 Tu	9.2 12.3	8.4 10.1	7.2 7.1	5.9 3.9	5.0 1.1	5.0 −0.6	6.0 −0.9	7.9 0.3	10.2 2.6	12.2 5.3	13.4 7.7	13.4 9.4
30 W	10.1 14.0	9.9 12.6	8.8 9.9	7.2 6.4	5.5 2.8	4.5 −0.2	4.6 −1.9	5.9 −1.8	8.3 0.0	10.9 2.8	13.0 5.9	14.1 8.5
31 Th	10.3 14.8	10.9 14.4	10.4 12.5	8.9 9.4	6.8 5.5	4.8 1.6	3.8 −1.5	4.1 −2.8	5.9 −2.1	8.6 0.3	11.5 3.5	13.7 6.8

Time meridian 135° W. 0 is midnight. 12 is noon.
Heights are referred to mean lower low water (N.O.S. chart datum).