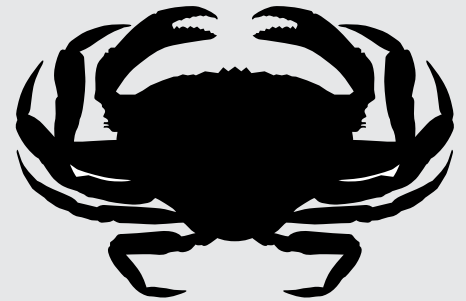


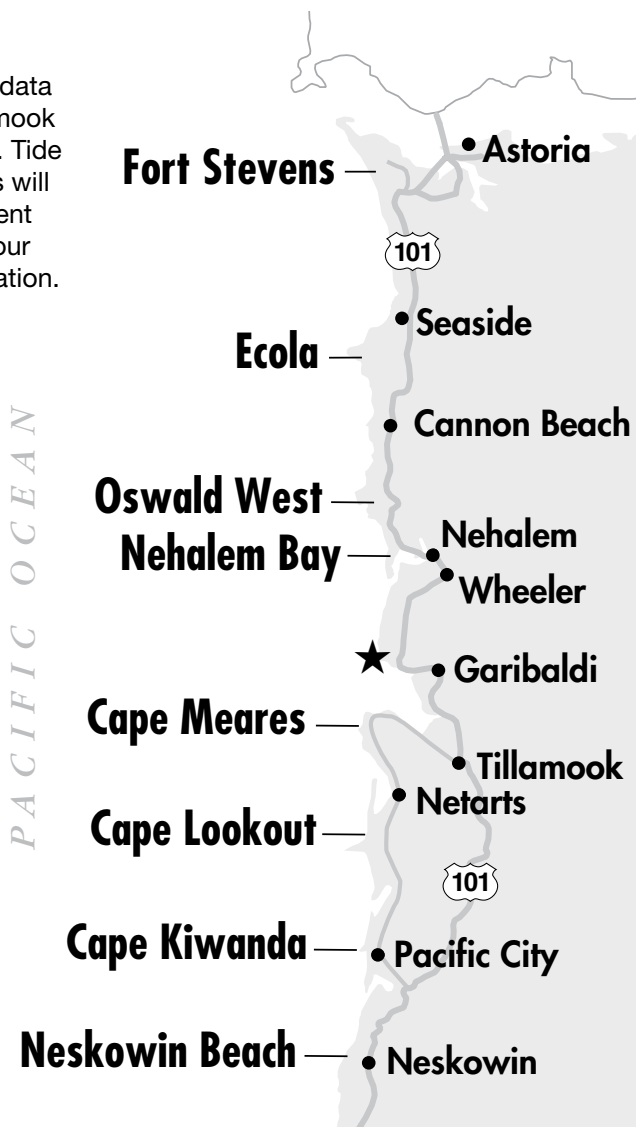
TIDE TABLES 2023

OREGON NORTH COAST



Tide Tables are predictions and are least accurate during storms and extreme high and low tide periods.

★ Monthly tide data taken from Tillamook Bay, North Jetty. Tide height and times will be slightly different depending on your North Coast location.



Oregon State Parks

Information:
800-551-6949

Reservations:
800-452-5687

stateparks.oregon.gov

Information printed from the
National Oceanic and Atmospheric
Administration
tidesandcurrents.noaa.gov

OREGON, NORTH COAST

January				February				March							
Time		Height		Time		Height		Time		Height		Time		Height	
h	m	ft	cm	h	m	ft	cm	h	m	ft	cm	h	m	ft	cm
1	01:07 AM	2.9	88	16	06:37 AM	7.9	241	1	02:34 AM	4.5	137	16	01:38 AM	4.6	140
	07:51 AM	8.5	259		01:40 PM	1.4	43		08:55 AM	8.2	250		07:59 AM	8.4	256
Su	02:51 PM	1.0	30	M	08:20 PM	5.7	174	W	04:12 PM	0.5	15	Th	03:22 PM	-0.3	-9
	09:10 PM	5.9	180						10:55 PM	6.3	192		10:20 PM	6.5	198
2	02:04 AM	3.5	107	17	12:53 AM	3.7	113	2	03:37 AM	4.4	134	17	02:58 AM	4.2	128
	08:37 AM	8.6	262		07:29 AM	8.3	253		09:45 AM	8.3	253		09:09 AM	8.9	271
M	03:44 PM	0.5	15	Tu	02:43 PM	0.6	18	Th	04:55 PM	0.2	6	F	04:20 PM	-0.9	-27
	10:13 PM	6.2	189		09:33 PM	6.1	186		11:36 PM	6.6	201		11:08 PM	7.1	216
3	03:00 AM	3.9	119	18	02:01 AM	4.1	125	3	04:28 AM	4.2	128	18	04:06 AM	3.6	110
	09:22 AM	8.8	268		08:25 AM	8.8	268		10:31 AM	8.4	256		10:11 AM	9.3	283
Tu	04:30 PM	0.1	3	W	03:41 PM	-0.3	-9	F	05:32 PM	-0.1	-3	Sa	05:10 PM	-1.4	-43
	11:06 PM	6.5	198		10:34 PM	6.6	201						11:51 PM	7.5	229
4	03:52 AM	4.1	125	19	03:09 AM	4.2	128	4	12:12 AM	6.8	207	19	05:04 AM	2.9	88
	10:04 AM	8.9	271		09:21 AM	9.3	283		05:11 AM	3.9	119		11:08 AM	9.5	290
W	05:11 PM	-0.2	-6	Th	04:35 PM	-1.1	-34	Sa	11:12 AM	8.5	259	Su	05:56 PM	-1.6	-49
	11:51 PM	6.8	207		11:26 PM	7.1	216		06:06 PM	-0.3	-9				
5	04:38 AM	4.2	128	20	04:11 AM	4.0	122	5	12:45 AM	7.0	213	20	12:31 AM	8.0	244
	10:45 AM	8.9	271		10:17 AM	9.8	299		05:50 AM	3.6	110		05:57 AM	2.1	64
Th	05:48 PM	-0.4	-12	F	05:25 PM	-1.7	-52	Su	11:51 AM	8.5	259	M	12:02 PM	9.5	290
								○	06:38 PM	-0.3	-9	●	06:38 PM	-1.5	-46
6	12:32 AM	6.9	210	21	12:14 AM	7.5	229	6	01:17 AM	7.2	219	21	01:09 AM	8.3	253
	05:21 AM	4.2	128		05:08 AM	3.7	113		06:28 AM	3.2	98		06:47 AM	1.4	43
F	11:23 AM	8.9	271	Sa	11:11 AM	10.0	305	M	12:27 PM	8.4	256	Tu	12:54 PM	9.2	280
○	06:24 PM	-0.5	-15	●	06:13 PM	-2.0	-61		07:08 PM	-0.3	-9		07:19 PM	-1.1	-34
7	01:10 AM	7.1	216	22	12:59 AM	7.8	238	7	01:47 AM	7.3	223	22	01:47 AM	8.6	262
	06:01 AM	4.1	125		06:02 AM	3.3	101		07:05 AM	2.9	88		07:37 AM	0.9	27
Sa	12:36 PM	8.8	268	Su	12:04 PM	10.0	305	Tu	01:03 PM	8.1	247	W	01:46 PM	8.7	265
	06:59 PM	-0.5	-15		06:59 PM	-2.0	-61		07:37 PM	-0.1	-3		07:58 PM	-0.3	-9
8	01:47 AM	7.1	216	23	01:42 AM	8.1	247	8	02:16 AM	7.4	226	23	02:25 AM	8.6	262
	06:40 AM	4.0	122		06:56 AM	2.8	85		07:42 AM	2.7	82		08:27 AM	0.7	21
Su	12:36 PM	8.6	262	M	12:57 PM	9.7	296	W	01:39 PM	7.8	238	Th	02:38 PM	7.9	241
	07:32 PM	-0.4	-12		07:44 PM	-1.7	-52		08:06 PM	0.3	9		08:36 PM	0.6	18
9	02:23 AM	7.1	216	24	02:25 AM	8.2	250	9	02:42 AM	7.4	226	24	03:02 AM	8.6	262
	07:19 AM	3.9	119		07:50 AM	2.4	73		08:21 AM	2.4	73		09:18 AM	0.6	18
M	01:11 PM	8.3	253	Tu	01:51 PM	9.1	277	Th	02:16 PM	7.3	223	F	03:33 PM	7.1	216
	08:05 PM	-0.2	-6		08:27 PM	-1.1	-34		08:34 PM	0.8	24		09:14 PM	1.6	49
10	02:58 AM	7.1	216	25	03:07 AM	8.3	253	10	03:08 AM	7.5	229	25	03:41 AM	8.4	256
	08:00 AM	3.8	116		08:46 AM	2.1	64		09:02 AM	2.2	67		10:12 AM	0.8	24
Tu	01:46 PM	7.9	241	W	02:46 PM	8.3	253	F	02:58 PM	6.8	207	Sa	04:35 PM	6.3	192
	08:38 PM	0.1	3		09:09 PM	-0.2	-6		09:04 PM	1.5	46		09:54 PM	2.6	79
11	03:32 AM	7.0	213	26	03:49 AM	8.4	256	11	03:33 AM	7.6	232	26	04:23 AM	8.1	247
	08:44 AM	3.7	113		09:46 AM	1.9	58		09:49 AM	1.9	58		11:12 AM	1.0	30
W	02:25 PM	7.4	226	Th	03:46 PM	7.4	226	Sa	03:49 PM	6.3	192	Su	05:47 PM	5.8	177
	09:11 PM	0.6	18		09:52 PM	0.8	24		09:36 PM	2.2	67		10:38 PM	3.5	107
12	04:06 AM	7.1	216	27	04:33 AM	8.3	253	12	04:04 AM	7.7	235	27	05:12 AM	7.7	235
	09:32 AM	3.5	107		10:49 AM	1.7	52		10:44 AM	1.7	52		12:21 PM	1.3	40
Th	03:09 PM	6.8	207	F	04:53 PM	6.5	198	Su	04:56 PM	5.8	177	M	07:10 PM	5.5	168
	09:44 PM	1.1	34		10:35 PM	1.9	58		10:14 PM	3.0	91	●	11:34 PM	4.2	128
13	04:38 AM	7.2	219	28	05:19 AM	8.3	253	13	04:43 AM	7.8	238	28	06:13 AM	7.4	226
	10:27 AM	3.2	98		11:57 AM	1.6	49		11:49 AM	1.4	43		01:37 PM	1.3	40
F	04:04 PM	6.2	189	Sa	06:11 PM	5.8	177	M	06:28 PM	5.5	168	Tu	08:35 PM	5.6	171
	10:20 PM	1.8	55	●	11:23 PM	2.9	88	●	11:04 PM	3.7	113				
14	05:12 AM	7.3	223	29	06:09 AM	8.1	247	14	05:35 AM	7.9	241	29	04:55 AM	7.9	241
	11:28 AM	2.7	82		01:09 PM	1.4	43		01:02 PM	1.0	30		12:18 PM	0.7	21
Sa	05:17 PM	5.7	174	Su	07:35 PM	5.6	171	Tu	08:04 PM	5.6	171	Tu	07:22 PM	5.6	171
	11:02 PM	2.5	76										11:38 PM	4.1	125
15	05:51 AM	7.6	232	30	12:18 AM	3.7	113	15	12:13 AM	4.2	128	30	05:55 AM	7.7	235
	12:34 PM	2.2	67		07:04 AM	8.1	247		06:43 AM	8.1	247		01:34 PM	0.6	18
Su	06:51 PM	5.5	168	M	02:19 PM	1.1	34	W	02:16 PM	0.5	15	W	08:52 PM	5.7	174
●	11:52 PM	3.2	98		08:56 PM	5.7	174		09:21 PM	6.0	183	●			
31	01:24 AM	4.2	128	31	01:24 AM	4.2	128	31	03:03 AM	4.3	131	31	03:03 AM	4.3	131
	08:00 AM	8.1	247		08:00 AM	8.1	247		09:00 AM	6.5	198		09:00 AM	6.5	198
	03:20 PM	0.8	24	Tu	03:20 PM	0.8	24	F	03:59 PM	1.1	34	F	03:59 PM	1.1	34
	10:03 PM	6.0	183		10:03 PM	6.0	183		10:46 PM	6.1	186		10:46 PM	6.1	186

OREGON, NORTH COAST

July				August				September			
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height
h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm
1 05:30 AM	-1.2 -37	16 06:34 AM	-1.1 -34	1 06:49 AM	-2.3 -70	16 12:39 AM	7.8 238	1 01:30 AM	8.8 268	16 01:41 AM	7.3 223
12:19 PM	6.1 186	01:17 PM	6.2 189	01:34 PM	6.9 210	07:23 AM	-0.8 -24	07:52 AM	-1.4 -43	07:44 AM	0.4 12
Sa 05:00 PM	3.3 101	Su 06:06 PM	3.5 107	Tu 06:36 PM	2.6 79	W 01:58 PM	6.6 201	F 02:18 PM	8.1 247	Sa 02:06 PM	7.4 226
11:08 PM	8.7 265			O		● 07:15 PM	2.5 76	08:10 PM	0.1 3	08:04 PM	0.7 21
2 06:17 AM	-1.9 -58	17 12:09 AM	8.2 250	2 12:40 AM	9.2 280	17 01:16 AM	7.7 235	2 02:23 AM	8.3 253	17 02:18 AM	7.1 216
01:09 PM	6.5 198	07:12 AM	-1.2 -37	07:34 AM	-2.5 -76	07:53 AM	-0.7 -21	08:32 AM	-0.7 -21	08:12 AM	0.9 27
Su 05:53 PM	3.3 101	M 01:56 PM	6.3 192	W 02:16 PM	7.2 219	Th 02:28 PM	6.7 204	Sa 02:55 PM	8.3 253	Su 02:29 PM	7.4 226
11:55 PM	9.0 274	● 06:49 PM	3.4 104	07:30 PM	2.1 64	07:52 PM	2.1 64	09:00 PM	-0.2 -6	08:39 PM	0.5 15
3 07:04 AM	-2.4 -73	18 12:49 AM	8.1 247	3 01:33 AM	9.0 274	18 01:53 AM	7.5 229	3 03:16 AM	7.7 235	18 02:56 AM	6.8 207
01:57 PM	6.8 207	07:47 AM	-1.2 -37	08:19 AM	-2.3 -70	08:22 AM	-0.5 -15	09:12 AM	0.2 6	08:40 AM	1.5 46
M 06:45 PM	3.2 98	Tu 02:33 PM	6.4 195	Th 02:57 PM	7.5 229	F 02:57 PM	6.8 207	Su 03:34 PM	8.3 253	M 02:51 PM	7.5 229
O		07:30 PM	3.2 98	08:24 PM	1.6 49	08:28 PM	1.8 55	09:52 PM	-0.3 -9	09:16 PM	0.4 12
4 12:44 AM	9.2 280	19 01:27 AM	7.9 241	4 02:27 AM	8.6 262	19 02:29 AM	7.1 216	4 04:13 AM	6.9 210	19 03:38 AM	6.4 195
07:51 AM	-2.6 -79	08:21 AM	-1.1 -34	09:02 AM	-1.8 -55	08:50 AM	-0.1 -3	09:52 AM	1.2 37	09:08 AM	2.1 64
Tu 02:43 PM	6.9 210	W 03:09 PM	6.4 195	F 03:38 PM	7.7 235	Sa 03:23 PM	6.8 207	M 04:13 PM	8.1 247	Tu 03:16 PM	7.5 229
07:38 PM	3.0 91	08:10 PM	3.0 91	09:19 PM	1.1 34	09:06 PM	1.6 49	10:47 PM	-0.1 -3	09:57 PM	0.4 12
5 01:35 AM	9.1 277	20 02:04 AM	7.6 232	5 03:23 AM	7.9 241	20 03:07 AM	6.7 204	5 05:15 AM	6.2 189	20 04:27 AM	6.0 183
08:38 AM	-2.5 -76	08:54 AM	-0.9 -27	09:44 AM	-1.0 -30	09:18 AM	0.5 15	10:34 AM	2.2 67	09:40 AM	2.8 85
W 03:30 PM	7.1 216	Th 03:43 PM	6.4 195	Sa 04:20 PM	7.8 238	Su 03:48 PM	6.9 210	Tu 04:57 PM	7.8 238	W 03:46 PM	7.5 229
08:33 PM	2.8 85	08:51 PM	2.9 88	10:17 PM	0.8 24	09:46 PM	1.4 43	11:47 PM	0.2 6	10:46 PM	0.4 12
6 02:29 AM	8.7 265	21 02:41 AM	7.2 219	6 04:22 AM	7.0 213	21 03:47 AM	6.2 189	6 06:27 AM	5.6 171	21 05:30 AM	5.6 171
09:25 AM	-2.2 -67	09:26 AM	-0.6 -18	10:27 AM	0.0 0	09:47 AM	1.1 34	11:21 AM	3.1 94	10:18 AM	3.4 104
Th 04:16 PM	7.2 219	F 04:16 PM	6.4 195	Su 05:03 PM	7.8 238	M 04:13 PM	6.9 210	W 05:47 PM	7.5 229	Th 04:25 PM	7.4 226
09:32 PM	2.5 76	09:34 PM	2.7 82	11:18 PM	0.7 21	10:29 PM	1.3 40	●		11:47 PM	0.5 15
7 03:26 AM	8.0 244	22 03:20 AM	6.7 204	7 05:28 AM	6.2 189	22 04:35 AM	5.8 177	7 12:56 AM	0.5 15	22 06:54 AM	5.4 165
10:12 AM	-1.6 -49	09:58 AM	-0.1 -3	11:11 AM	1.1 34	10:17 AM	1.8 55	07:48 AM	5.3 162	11:10 AM	3.9 119
F 05:02 PM	7.3 223	Sa 04:48 PM	6.5 198	M 05:48 PM	7.8 238	Tu 04:41 PM	7.0 213	Th 12:22 PM	3.8 116	F 05:19 PM	7.3 223
10:36 PM	2.2 67	10:20 PM	2.5 76			11:20 PM	1.2 37	06:50 PM	7.1 216	●	
8 04:28 AM	7.2 219	23 04:03 AM	6.1 186	8 12:24 AM	0.5 15	23 05:36 AM	5.3 162	8 02:11 AM	0.6 18	23 01:00 AM	0.5 15
10:59 AM	-0.8 -24	10:30 AM	0.4 12	06:42 AM	5.5 168	10:53 AM	2.5 76	09:11 AM	5.4 165	08:23 AM	5.5 168
Sa 05:49 PM	7.4 226	Su 05:19 PM	6.5 198	Tu 11:58 AM	2.1 64	W 05:16 PM	7.1 216	F 01:42 PM	4.1 125	Sa 12:30 PM	4.2 128
11:44 PM	1.8 55	11:10 PM	2.3 70	● 06:38 PM	7.7 235			08:03 PM	6.9 210	06:38 PM	7.2 219
9 05:38 AM	6.3 192	24 04:53 AM	5.6 171	9 01:34 AM	0.4 12	24 12:20 AM	1.0 30	9 03:23 AM	0.6 18	24 02:17 AM	0.2 6
11:47 AM	0.2 6	11:03 AM	1.1 34	08:05 AM	5.1 155	07:00 AM	5.0 152	10:19 AM	5.6 171	09:33 AM	5.8 177
Su 06:37 PM	7.6 232	M 05:50 PM	6.6 201	W 12:53 PM	3.0 91	Th 11:38 AM	3.2 98	Sa 03:08 PM	4.1 125	Su 02:08 PM	4.1 125
				07:34 PM	7.6 232	● 06:04 PM	7.2 219	09:12 PM	7.0 213	08:13 PM	7.3 223
10 12:56 AM	1.3 40	25 12:06 AM	1.9 58	10 02:46 AM	0.3 9	25 01:30 AM	0.7 21	10 04:22 AM	0.4 12	25 03:27 AM	-0.2 -6
06:56 AM	5.6 171	05:58 AM	5.1 155	09:27 AM	5.2 158	08:34 AM	5.0 152	11:07 AM	6.0 183	10:26 AM	6.4 195
M 12:38 PM	1.1 34	Tu 11:41 AM	1.8 55	Th 01:59 PM	3.6 110	F 12:42 PM	3.7 113	Su 04:15 PM	3.7 113	M 03:31 PM	3.5 107
● 07:26 PM	7.7 235	● 06:26 PM	6.8 207	08:33 PM	7.5 229	07:10 PM	7.3 223	10:11 PM	7.1 216	09:33 PM	7.6 232
11 02:08 AM	0.7 21	26 01:07 AM	1.5 46	11 03:53 AM	0.1 3	26 02:44 AM	0.3 9	11 05:09 AM	0.2 6	26 04:25 AM	-0.6 -18
08:18 AM	5.2 158	07:22 AM	4.8 146	10:38 AM	5.4 165	09:52 AM	5.3 162	11:44 AM	6.3 192	11:09 AM	6.9 210
Tu 01:31 PM	2.0 61	W 12:25 PM	2.5 76	F 03:12 PM	3.8 116	Sa 02:06 PM	3.9 119	M 05:05 PM	3.2 98	Tu 04:36 PM	2.5 76
08:16 PM	7.9 241	07:08 PM	7.1 216	09:32 PM	7.5 229	08:26 PM	7.6 232	11:01 PM	7.3 223	10:40 PM	8.0 244
12 03:15 AM	0.2 6	27 02:11 AM	1.0 30	12 04:49 AM	-0.2 -6	27 03:51 AM	-0.4 -12	12 05:46 AM	0.0 0	27 05:15 AM	-0.8 -24
09:37 AM	5.2 158	08:50 AM	4.8 146	11:33 AM	5.7 174	10:51 AM	5.8 177	12:16 PM	6.5 198	11:47 AM	7.5 229
W 02:29 PM	2.8 85	Th 01:21 PM	3.1 94	Sa 04:18 PM	3.8 116	Su 03:27 PM	3.7 113	Tu 05:45 PM	2.6 79	W 05:30 PM	1.4 43
09:06 PM	8.0 244	07:59 PM	7.4 226	10:27 PM	7.7 235	09:39 PM	8.0 244	11:45 PM	7.5 229	11:38 PM	8.3 253
13 04:15 AM	-0.3 -9	28 03:15 AM	0.3 9	13 05:36 AM	-0.4 -12	28 04:50 AM	-1.0 -30	13 06:19 AM	-0.2 -6	28 05:59 AM	-0.8 -24
10:47 AM	5.4 165	10:07 PM	5.2 158	12:16 PM	6.0 183	11:40 AM	6.4 195	12:46 PM	6.8 207	12:24 PM	8.1 247
Th 03:29 PM	3.2 98	F 02:28 PM	3.5 107	Su 05:13 PM	3.5 107	M 04:36 PM	3.2 98	W 06:22 PM	2.0 61	Th 06:20 PM	0.4 12
09:55 PM	8.1 247	08:55 PM	7.8 238	11:15 PM	7.8 238	10:43 PM	8.5 259				
14 05:07 AM	-0.7 -21	29 04:15 AM	-0.5 -15	14 06:16 AM	-0.6 -18	29 05:41 AM	-1.6 -49	14 12:25 AM	7.5 229	29 12:32 AM	8.4 256
11:45 AM	5.7 174	11:09 AM	5.6 171	12:53 PM	6.2 189	12:22 PM	6.9 210	06:48 AM	-0.1 -3	06:41 AM	-0.5 -15
F 04:27 PM	3.5 107	Sa 03:37 PM	3.6 110	M 05:58 PM	3.2 98	Tu 05:35 PM	2.4 73	Th 01:14 PM	7.0 213	F 01:01 PM	8.5 259
10:42 PM	8.2 250	09:53 PM	8.3 253	11:59 PM	7.9 241	11:42 PM	8.8 268	06:56 PM	1.5 46	○ 07:07 PM	-0.5 -15
15 05:53 AM	-0.9 -27	30 05:10 AM	-1.2 -37	15 06:51 AM	-0.8 -24	30 06:27 AM	-1.8 -55	15 01:03 AM	7.5 229	30 01:25 AM	8.3 253
12:35 PM	6.0 183	12:02 PM	6.1 186	01:26 PM	6.4 195	01:02 PM	7.4 226	07:17 AM	0.0 0	07:21 AM	0.1 3
Sa 05:20 PM	3.6 110	Su 04:42 PM	3.5 107	Tu 06:38 PM	2.8 85	W 06:29 PM	1.5 46	F 01:41 PM	7.2 219	Sa 01:36 PM	8.8 268
11:27 PM	8.2 250	10:50 PM	8.7 265					● 07:30 PM	1.1 34	07:53 PM	-1.0 -30
31 06:01 AM	-1.9 -58	31 06:01 AM	-1.9 -58			31 12:36 AM	8.9 271				
12:50 PM	6.5 198	12:50 PM	6.5 198			07:11 AM	-1.8 -55				
M 05:41 PM	3.1 94	M 05:41 PM	3.1 94			Th 01:40 PM	7.8 238				
11:46 PM	9.0 274	11:46 PM	9.0 274			○ 07:20 PM	0.8 24				

OREGON, NORTH COAST

October					November					December													
Time		Height			Time		Height			Time		Height			Time		Height						
h	m	ft	cm	h	m	ft	cm	h	m	ft	cm	h	m	ft	cm	h	m	ft	cm				
1	02:16 AM	8.0	244	16	02:08 AM	7.2	219	1	03:52 AM	7.0	213	16	02:34 AM	7.0	213	1	03:28 AM	6.9	210	16	03:13 AM	7.4	226
	08:00 AM	0.8	24		07:35 AM	2.1	64		08:48 AM	3.6	110		07:19 AM	3.9	119		08:12 AM	4.4	134		08:05 AM	4.0	122
Su	02:12 PM	8.9	271	M	01:39 PM	8.2	250	W	02:48 PM	8.6	262	Th	01:11 PM	8.8	268	F	02:01 PM	8.1	247	Sa	01:54 PM	8.8	268
	08:39 PM	-1.1	-34		08:15 PM	-0.4	-12		09:49 PM	-0.6	-18		08:24 PM	-0.9	-27		09:11 PM	0.0	0		09:02 PM	-1.0	-30
2	03:08 AM	7.5	229	17	02:50 AM	7.0	213	2	04:47 AM	6.7	204	17	03:27 AM	6.8	207	2	04:18 AM	6.7	204	17	04:03 AM	7.4	226
	08:38 AM	1.6	49		08:06 AM	2.6	79		09:32 AM	4.1	125		08:05 AM	4.2	128		09:04 AM	4.5	137		09:06 AM	3.9	119
M	02:49 PM	8.7	265	Tu	02:05 PM	8.2	250	Th	03:27 PM	8.0	244	F	01:54 PM	8.5	259	Sa	02:44 PM	7.5	229	Su	02:51 PM	8.2	250
	09:26 PM	-1.0	-30		08:53 PM	-0.4	-12		10:39 PM	0.0	0		09:15 PM	-0.6	-18		09:56 PM	0.5	15		09:52 PM	-0.4	-12
3	04:02 AM	7.0	213	18	03:35 AM	6.7	204	3	05:48 AM	6.3	192	18	04:26 AM	6.7	204	3	05:11 AM	6.6	201	18	04:54 AM	7.5	229
	09:18 AM	2.5	76		08:38 AM	3.2	98		10:24 AM	4.5	137		09:02 AM	4.4	134		10:06 AM	4.5	137		10:18 AM	3.6	110
Tu	03:27 PM	8.4	256	W	02:34 PM	8.2	250	F	04:14 PM	7.3	223	Sa	02:47 PM	8.0	244	Su	03:36 PM	6.8	207	M	04:00 PM	7.4	226
	10:16 PM	-0.5	-15		09:36 PM	-0.3	-9		11:35 PM	0.6	18		10:11 PM	-0.3	-9		10:44 PM	1.0	30		10:44 PM	0.3	9
4	05:02 AM	6.4	195	19	04:28 AM	6.4	195	4	06:54 AM	6.2	189	19	05:29 AM	6.7	204	4	06:02 AM	6.7	204	19	05:45 AM	7.7	235
	10:00 AM	3.3	101		09:14 AM	3.7	113		11:34 AM	4.7	143		10:18 AM	4.4	134		11:20 AM	4.3	131		11:36 AM	3.1	94
W	04:08 PM	7.9	241	Th	03:09 PM	8.1	247	Sa	05:15 PM	6.7	204	Su	03:55 PM	7.4	226	M	04:45 PM	6.2	189	Tu	05:22 PM	6.6	201
	11:11 PM	0.1	3		10:26 PM	-0.1	-3						11:13 PM	0.1	3		11:34 PM	1.4	43		09:52 PM	1.1	34
5	06:09 AM	5.9	180	20	05:33 AM	6.1	186	5	12:36 AM	1.0	30	20	06:29 AM	6.9	210	5	06:49 AM	6.8	207	20	06:36 AM	8.0	244
	10:49 AM	3.9	119		10:01 AM	4.1	125		06:59 AM	6.2	189		11:47 AM	4.0	122		12:37 PM	3.9	119		12:53 PM	2.3	70
Th	04:57 PM	7.3	223	F	03:55 PM	7.8	238	Su	12:04 PM	4.6	140	M	05:26 PM	6.8	207	Tu	06:10 PM	5.7	174	W	06:52 PM	6.2	189
					11:27 PM	0.1	3		05:40 PM	6.2	189												
6	12:15 AM	0.6	18	21	06:49 AM	6.0	183	6	12:39 AM	1.3	40	21	12:16 AM	0.5	15	6	12:24 AM	1.9	58	21	12:35 AM	1.9	58
	07:26 AM	5.7	174		11:07 AM	4.5	137		07:52 AM	6.4	195		07:22 AM	7.3	223		07:31 AM	7.1	216		07:25 AM	8.4	256
F	11:57 AM	4.4	134	Sa	04:57 PM	7.4	226	M	01:30 PM	4.1	125	Tu	01:12 PM	6.2	98	W	01:43 PM	3.1	94	Th	02:04 PM	1.4	43
	06:03 PM	6.8	207						07:05 PM	6.0	183		07:01 PM	6.5	198		07:31 PM	5.6	171		08:15 PM	6.1	186
7	01:27 AM	0.9	27	22	12:37 AM	0.3	9	7	01:37 AM	1.5	46	22	01:17 AM	1.0	30	7	01:14 AM	2.3	70	22	01:33 AM	2.6	79
	08:43 AM	5.8	177		08:03 AM	6.1	186		08:34 AM	6.8	207		08:09 AM	7.9	241		08:09 AM	7.4	226		08:12 AM	8.8	268
Sa	01:30 PM	4.5	137	Su	12:41 PM	4.4	134	Tu	02:32 PM	3.3	101	W	02:22 PM	2.0	61	Th	02:36 PM	2.3	70	F	03:05 PM	0.5	15
	07:27 PM	6.5	198		06:27 PM	7.0	213		08:15 PM	6.1	186		08:22 PM	6.6	201		08:40 PM	5.8	177		09:27 PM	6.3	192
8	02:39 AM	1.0	30	23	01:49 AM	0.3	9	8	02:26 AM	1.6	49	23	02:14 AM	1.4	43	8	02:02 AM	2.7	82	23	02:30 AM	3.2	98
	09:43 AM	6.0	183		09:03 AM	6.5	198		09:09 AM	7.1	216		08:52 AM	8.4	256		08:44 AM	7.8	238		08:58 AM	9.1	277
Su	02:59 PM	4.1	125	M	02:16 PM	3.8	116	W	03:18 PM	2.5	76	Th	03:20 PM	0.9	27	F	03:21 PM	1.5	46	Sa	03:58 PM	-0.2	-6
	08:45 PM	6.4	195		08:08 PM	6.9	210		09:13 PM	6.3	192		09:31 PM	6.8	207		09:39 PM	6.1	186		10:30 PM	6.7	204
9	03:39 AM	1.0	30	24	02:55 AM	0.3	9	9	03:08 AM	1.7	52	24	03:06 AM	1.8	55	9	02:48 AM	3.0	91	24	03:25 AM	3.6	110
	10:26 AM	6.3	192		09:51 AM	7.1	216		09:40 AM	7.5	229		09:32 AM	8.9	271		09:17 AM	8.2	250		09:43 AM	9.3	283
M	04:02 PM	3.5	107	Tu	12:41 PM	2.8	85	Th	03:57 PM	1.6	49	F	04:11 PM	-0.1	-3	Sa	04:02 PM	0.7	21	Su	04:46 PM	-0.7	-21
	09:48 PM	6.6	201		09:29 PM	7.1	216		10:04 PM	6.5	198		10:31 PM	7.1	216		10:31 PM	6.5	198		11:24 PM	7.0	213
10	04:25 AM	0.8	24	25	03:52 AM	0.3	9	10	03:45 AM	1.9	58	25	03:54 AM	2.3	70	10	03:33 AM	3.3	101	25	04:17 AM	3.8	116
	11:01 AM	6.7	204		10:32 AM	7.7	235		10:09 AM	7.9	241		10:11 AM	9.3	283		09:50 AM	8.6	262		10:26 AM	9.5	290
Tu	04:47 PM	2.8	85	W	04:31 PM	1.6	49	F	04:33 PM	0.8	24	Sa	04:57 PM	-0.9	-27	Su	04:41 PM	-0.1	-3	M	05:30 PM	-1.0	-30
	10:40 PM	6.8	207		10:36 PM	7.4	226		10:50 PM	6.8	207		11:26 PM	7.3	223		11:20 PM	6.8	207				
11	05:03 AM	0.7	21	26	04:42 AM	0.4	12	11	04:20 AM	2.1	64	26	04:39 AM	2.7	82	11	04:16 AM	3.5	107	26	12:12 AM	7.2	219
	11:31 AM	7.0	213		11:10 AM	8.3	253		10:37 AM	8.3	253		10:50 AM	9.6	293		10:23 AM	9.0	274		05:04 AM	4.0	122
W	05:25 PM	2.0	61	Th	05:22 PM	0.4	12	Sa	05:07 PM	0.1	3	Su	05:40 PM	-1.3	-40	M	05:21 PM	-0.7	-21	Tu	11:08 AM	9.4	287
	11:26 PM	7.0	213		11:34 PM	7.7	235		11:34 PM	7.0	213										06:11 PM	-1.1	-34
12	05:36 AM	0.8	24	27	05:27 AM	0.7	21	12	04:55 AM	2.5	76	27	12:16 AM	7.5	229	12	12:06 AM	7.1	216	27	12:57 AM	7.3	223
	11:59 AM	7.4	226		11:46 AM	8.9	271		11:04 AM	8.6	262		05:22 AM	3.1	94		04:58 AM	3.7	113		05:49 AM	4.1	125
Th	06:00 PM	1.3	40	F	06:08 PM	-0.6	-18	Su	05:42 PM	-0.4	-12	M	11:28 AM	9.6	293	Tu	10:59 AM	9.3	283	W	11:49 AM	9.3	283
												06:22 PM	-1.5	-46		06:01 PM	-1.1	-34		06:50 PM	-1.0	-30	
13	12:08 AM	7.2	219	28	12:28 AM	7.8	238	13	12:17 AM	7.2	219	28	01:04 AM	7.5	229	13	12:51 AM	7.3	223	28	01:39 AM	7.3	223
	06:07 AM	0.9	27		06:09 AM	1.2	37		05:29 AM	2.8	85		06:04 AM	3.5	107		05:40 AM	3.9	119		06:31 AM	4.1	125
F	12:26 PM	7.7	235	Sa	12:22 PM	9.2	280	M	11:32 AM	8.8	268	Tu	12:06 PM	9.5	290	W	11:38 AM	9.5	290	Th	12:29 PM	9.0	274
	06:33 PM	0.7	21		06:53 PM	-1.2	-37		06:18 PM	-0.8	-24		07:03 PM	-1.3	-40		06:44 PM	-1.4	-43		07:29 PM	-0.8	-24
14	12:48 AM	7.3	223	29	01:20 AM	7.8	238	14	01:00 AM	7.2	219	29	01:52 AM	7.4	226	14	01:37 AM	7.4	226	29	02:20 AM	7.3	223
	06:36 AM	1.2	37		06:49 AM	1.7	52		06:04 AM	3.2	98		06:45 AM										