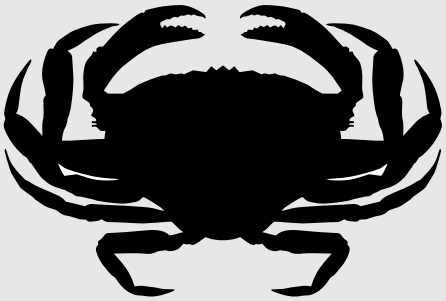
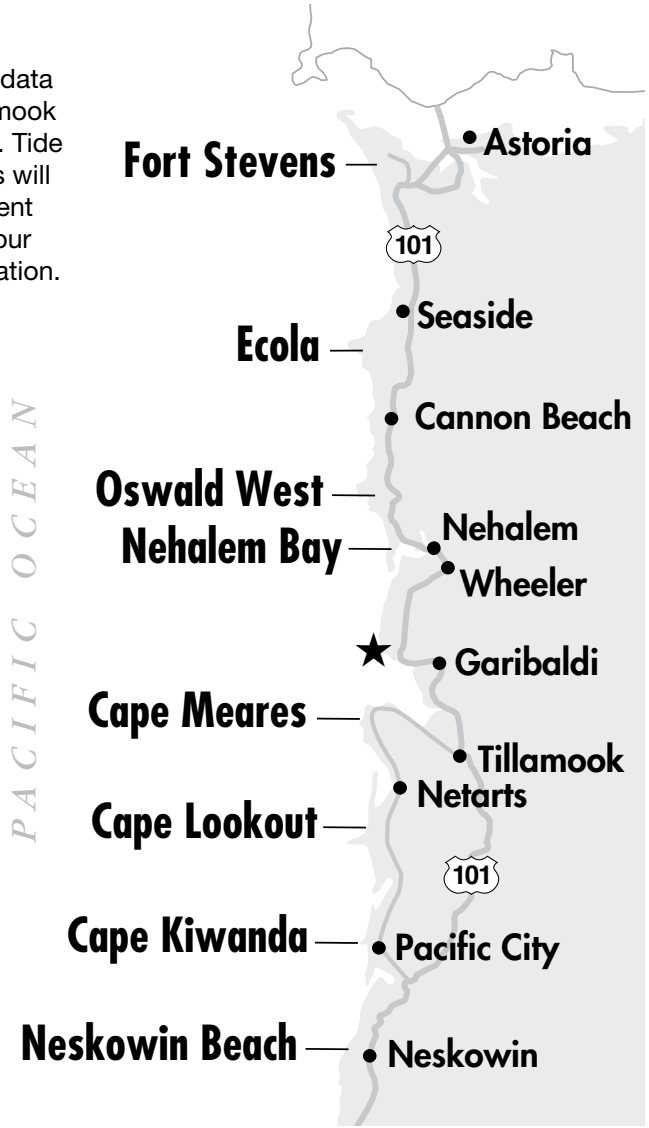
TIDE TABLES 2024

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

	Time	Height	
	h m	ft	cm
1	04:16 AM	7.0	213
	09:34 AM	3.8	116
M	03:11 PM	6.8	207
	09:53 PM	1.0	30
2	04:54 AM	7.0	213
	10:31 AM	3.6	110
Tu	04:06 PM	6.2	189
	10:30 PM	1.7	52
3	05:32 AM	7.1	216
	11:34 AM	3.2	98
W	05:17 PM	5.7	174
	11:10 PM	2.3	70
4	06:11 AM	7.3	223
	12:39 PM	2.7	82
Th	06:43 PM	5.4	165
◑	11:55 PM	3.0	91
5	06:51 AM	7.5	229
	01:41 PM	2.1	64
F	08:07 PM	5.4	165
6	12:48 AM	3.6	110
	07:34 AM	7.8	238
Sa	02:38 PM	1.4	43
	09:18 PM	5.8	177
7	01:47 AM	4.0	122
	08:18 AM	8.2	250
Su	03:29 PM	0.6	18
	10:17 PM	6.2	189
8	02:47 AM	4.3	131
	09:04 AM	8.7	265
M	04:17 PM	-0.1	-3
	11:09 PM	6.7	204
9	03:44 AM	4.3	131
	09:51 AM	9.1	277
Tu	05:03 PM	-0.8	-24
	11:55 PM	7.1	216
10	04:36 AM	4.2	128
	10:38 AM	9.5	290
W	05:47 PM	-1.4	-43
11	12:38 AM	7.4	226
	05:27 AM	3.9	119
Th	11:26 AM	9.7	296
●	06:31 PM	-1.7	-52
12	01:21 AM	7.6	232
	06:17 AM	3.6	110
F	12:14 PM	9.7	296
	07:14 PM	-1.8	-55
13	02:02 AM	7.8	238
	07:08 AM	3.3	101
Sa	01:05 PM	9.5	290
	07:57 PM	-1.6	-49
14	02:43 AM	8.0	244
	08:02 AM	2.9	88
Su	01:57 PM	8.9	271
	08:40 PM	-1.0	-30
15	03:25 AM	8.1	247
	09:00 AM	2.5	76
M	02:54 PM	8.1	247
	09:23 PM	-0.2	-6

	Time	Height	
	h m	ft	cm
16	04:08 AM	8.3	253
	10:02 AM	2.2	67
Tu	03:58 PM	7.3	223
	10:07 PM	0.8	24
17	04:52 AM	8.4	256
	11:10 AM	1.8	55
W	05:12 PM	6.4	195
	10:54 PM	1.8	55
18	05:40 AM	8.5	259
	12:22 PM	1.4	43
Th	06:37 PM	5.9	180
◐	11:46 PM	2.8	85
19	06:33 AM	8.6	262
	01:35 PM	1.0	30
F	08:04 PM	5.7	174
20	12:46 AM	3.6	110
	07:29 AM	8.6	262
Sa	02:44 PM	0.5	15
	09:23 PM	6.0	183
21	01:54 AM	4.2	128
	08:26 AM	8.7	265
Su	03:44 PM	0.1	3
	10:28 PM	6.3	192
22	03:03 AM	4.4	134
	09:20 AM	8.8	268
M	04:36 PM	-0.2	-6
	11:20 PM	6.6	201
23	04:04 AM	4.3	131
	10:11 AM	8.9	271
Tu	05:20 PM	-0.4	-12
24	12:02 AM	6.9	210
	04:55 AM	4.1	125
W	10:58 AM	8.9	271
	06:00 PM	-0.6	-18
25	12:40 AM	7.1	216
	05:40 AM	3.9	119
Th	11:40 AM	8.9	271
○	06:35 PM	-0.6	-18
26	01:15 AM	7.2	219
	06:21 AM	3.6	110
F	12:20 PM	8.7	265
	07:08 PM	-0.5	-15
27	01:49 AM	7.3	223
	07:00 AM	3.3	101
Sa	12:58 PM	8.4	256
	07:39 PM	-0.3	-9
28	02:21 AM	7.3	223
	07:39 AM	3.1	94
Su	01:35 PM	8.0	244
	08:09 PM	0.1	3
29	02:51 AM	7.3	223
	08:19 AM	2.9	88
M	02:12 PM	7.5	229
	08:39 PM	0.6	18
30	03:20 AM	7.3	223
	09:01 AM	2.7	82
Tu	02:53 PM	6.9	210
	09:08 PM	1.3	40
31	03:48 AM	7.3	223
	09:46 AM	2.6	79
W	03:38 PM	6.3	192
	09:37 PM	2.0	61

February

	Time	Height	
	h m	ft	cm
1	04:16 AM	7.4	226
	10:37 AM	2.4	73
Th	04:36 PM	5.8	177
	10:10 PM	2.7	82
2	04:48 AM	7.4	226
	11:36 AM	2.2	67
F	05:56 PM	5.4	165
◑	10:49 PM	3.4	104
3	05:29 AM	7.5	229
	12:42 PM	1.9	58
Sa	07:31 PM	5.3	162
	11:42 PM	4.0	122
4	06:22 AM	7.7	235
	01:52 PM	1.3	40
Su	08:55 PM	5.6	171
5	12:54 AM	4.5	137
	07:26 AM	8.0	244
M	02:56 PM	0.7	21
	09:59 PM	6.0	183
6	02:14 AM	4.6	140
	08:32 AM	8.4	256
Tu	03:53 PM	-0.1	-3
	10:49 PM	6.5	198
7	03:24 AM	4.3	131
	09:32 AM	8.8	268
W	04:43 PM	-0.8	-24
	11:33 PM	7.0	213
8	04:24 AM	3.8	116
	10:28 AM	9.3	283
Th	05:29 PM	-1.4	-43
9	12:12 AM	7.5	229
	05:18 AM	3.2	98
F	11:21 AM	9.6	293
●	06:12 PM	-1.7	-52
10	12:50 AM	7.9	241
	06:09 AM	2.5	76
Sa	12:12 PM	9.6	293
	06:53 PM	-1.6	-49
11	01:28 AM	8.2	250
	06:59 AM	1.8	55
Su	01:04 PM	9.3	283
	07:33 PM	-1.2	-37
12	02:05 AM	8.5	259
	07:51 AM	1.2	37
M	01:57 PM	8.7	265
	08:13 PM	-0.5	-15
13	02:43 AM	8.7	265
	08:44 AM	0.9	27
Tu	02:52 PM	8.0	244
	08:53 PM	0.5	15
14	03:22 AM	8.8	268
	09:40 AM	0.7	21
W	03:53 PM	7.1	216
	09:34 PM	1.6	49
15	04:04 AM	8.7	265
	10:41 AM	0.7	21
Th	05:03 PM	6.3	192
	10:18 PM	2.6	79

	Time	Height	
	h m	ft	cm
16	04:52 AM	8.5	259
	11:49 AM	0.8	24
F	06:25 PM	5.8	177
◐	11:09 PM	3.6	110
17	05:48 AM	8.2	250
	01:05 PM	0.8	24
Sa	07:54 PM	5.6	171
18	12:16 AM	4.2	128
	06:55 AM	8.0	244
Su	02:22 PM	0.7	21
	09:16 PM	5.8	177
19	01:40 AM	4.6	140
	08:05 AM	8.0	244
M	03:28 PM	0.5	15
	10:18 PM	6.2	189
20	03:01 AM	4.4	134
	09:08 AM	8.0	244
Tu	04:21 PM	0.2	6
	11:03 PM	6.5	198
21	04:04 AM	4.1	125
	10:03 AM	8.2	250
W	05:04 PM	0.0	0
	11:39 PM	6.8	207
22	04:52 AM	3.6	110
	10:50 AM	8.3	253
Th	05:39 PM	-0.1	-3
23	12:11 AM	7.1	216
	05:32 AM	3.1	94
F	11:32 AM	8.3	253
	06:11 PM	-0.2	-6
24	12:41 AM	7.3	223
	06:08 AM	2.6	79
Sa	12:11 PM	8.2	250
○	06:40 PM	-0.1	-3
25	01:09 AM	7.4	226
	06:43 AM	2.2	67
Su	12:48 PM	8.0	244
	07:07 PM	0.2	6
26	01:36 AM	7.5	229
	07:18 AM	1.8	55
M	01:24 PM	7.7	235
	07:34 PM	0.6	18
27	02:01 AM	7.6	232
	07:53 AM	1.6	49
Tu	02:01 PM	7.3	223
	08:01 PM	1.2	37
28	02:24 AM	7.6	232
	08:29 AM	1.4	43
W	02:39 PM	6.8	207
	08:27 PM	1.8	55
29	02:46 AM	7.6	232
	09:08 AM	1.4	43
Th	03:22 PM	6.3	192
	08:55 PM	2.5	76

March

	Time	Height	
	h m	ft	cm
1	03:10 AM	7.6	232
	09:53 AM	1.4	43
F	04:15 PM	5.9	180
	09:25 PM	3.2	98
2	03:41 AM	7.5	229
	10:47 AM	1.4	43
Sa	05:29 PM	5.5	168
	10:03 PM	3.8	116
3	04:23 AM	7.5	229
	11:53 AM	1.3	40
Su	07:05 PM	5.3	162
◑	10:59 PM	4.3	131
4	05:23 AM	7.5	229
	01:10 PM	1.1	34
M	08:31 PM	5.6	171
5	12:26 AM	4.6	140
	06:46 AM	7.5	229
Tu	02:23 PM	0.5	15
	09:33 PM	6.0	183
6	02:00 AM	4.4	134
	08:10 AM	7.8	238
W	03:25 PM	-0.1	-3
	10:19 PM	6.6	201
7	03:15 AM	3.8	116
	09:20 AM	8.3	253
Th	04:17 PM	-0.7	-21
	10:59 PM	7.1	216
8	04:16 AM	2.9	88
	10:20 AM	8.7	265
F	05:03 PM	-1.1	-34
	11:36 PM	7.7	235
9	05:08 AM	1.8	55
	11:15 AM	9.0	274
Sa	05:45 PM	-1.1	-34
10	12:12 AM	8.2	250
	06:58 AM	0.9	27
Su	01:08 PM	9.0	274
●	07:25 PM	-0.8	-24
11	01:48 AM	8.7	265
	07:46 AM	0.1	3
M	02:01 PM	8.8	268
	08:05 PM	-0.2	-6
12	02:24 AM	9.0	274
	08:34 AM	-0.5	-15
Tu	02:53 PM	8.3	253
	08:43 PM	0.6	18
13	03:01 AM	9.1	277
	09:24 AM	-0.6	-18
W	03:48 PM	7.6	232
	09:23 PM	1.5	46
14	03:39 AM	9.0	274
	10:16 AM	-0.5	-15
Th	04:46 PM	6.9	210
	10:03 PM	2.5	76
15	04:20 AM	8.6	262
	11:12 AM	-0.1	-3
F	05:53 PM	6.2	189
	10:48 PM	3.3	101

	Time	Height	
	h m	ft	cm
16	05:08 AM	8.2	250
	12:17 PM	0.4	12
Sa	07:11 PM	5.8	177
	11:44 PM	4.0	122
17	06:08 AM	7.6	232
	01:31 PM	0.8	24
Su	08:37 PM	5.7	174
◐			
18	01:02 AM	4.5	137
	07:25 AM	7.2	219
M	02:51 PM	0.9	27
	09:54 PM	5.9	180
19	02:40 AM	4.4	134
	08:45 AM	7.1	216
Tu	03:59 PM	0.8	24
	10:48 PM	6.2	189
20	04:01 AM	4.0	122
	09:53 AM	7.1	216
W	04:51 PM	0.6	18
	11:27 PM	6.5	198
21	04:57 AM	3.4	104
	10:49 AM	7.3	223
Th	05:32 PM	0.5	15
22	12:00 AM	6.8	207
	05:39 AM	2.7	82
F	11:36 AM	7.4	226
	06:05 PM	0.4	12
23	12:29 AM	7.1	216
	06:15 AM	2.0	61
Sa	12:18 PM	7.5	229
	06:35 PM	0.5	15
24	12:57 AM	7.4	226
	06:49 AM	1.4	43
Su	12:58 PM	7.5	229
	07:03 PM	0.7	21
25	01:23 AM	7.6	232
	07:22 AM	0.9	27
M	01:36 PM	7.4	226
○	07:31 PM	1.0	30
26	01:47 AM	7.7	235
	07:54 AM	0.6	18
Tu	02:14 PM	7.3	223
	07:58 PM	1.4	43
27	02:10 AM	7.8	238
	08:27 AM	0.3	9
W	02:52 PM	7.0	213
	08:25 PM	2.0	61
28	02:32 AM	7.8	238
	09:01 AM	0.2	6
Th	03:31 PM	6.7	204
	08:53 PM	2.6	79
29	02:54 AM	7.8	238
	09:39 AM	0.3	9
F	04:16 PM	6.3	192
	09:22 PM	3.1	94
30	03:21 AM	7.7	235
	10:23 AM	0.4	12
Sa	05:10 PM	5.9	180
	09:55 PM	3.7	113
31	03:55 AM	7.6	232
	11:15 AM	0.5	15
Su	06:22 PM	5.6	171
	10:40 PM	4.1	125

OREGON, NORTH COAST

April

Day	Time (h m)	Height ft	Height cm
1 M	04:41 AM	7.4	226
	12:21 PM	0.6	18
	07:47 PM	5.5	168
	11:49 PM	4.4	134
2 Tu ◑	05:49 AM	7.1	216
	01:35 PM	0.5	15
	09:01 PM	5.8	177
3 W	01:26 AM	4.4	134
	07:23 AM	7.0	213
	02:47 PM	0.3	9
	09:56 PM	6.2	189
4 Th	02:58 AM	3.8	116
	08:56 AM	7.2	219
	03:49 PM	0.0	0
	10:40 PM	6.8	207
5 F	04:08 AM	2.8	85
	10:10 AM	7.5	229
	04:42 PM	-0.3	-9
	11:18 PM	7.5	229
6 Sa	05:05 AM	1.5	46
	11:13 AM	7.9	241
	05:29 PM	-0.3	-9
	11:55 PM	8.1	247
7 Su	05:56 AM	0.4	12
	12:09 PM	8.1	247
	06:12 PM	0.0	0
8 M ●	12:31 AM	8.6	262
	06:44 AM	-0.7	-21
	01:03 PM	8.2	250
	06:53 PM	0.4	12
9 Tu	01:07 AM	9.1	277
	07:30 AM	-1.4	-43
	01:56 PM	8.1	247
	07:34 PM	1.0	30
10 W	01:44 AM	9.3	283
	08:16 AM	-1.7	-52
	02:48 PM	7.7	235
	08:14 PM	1.8	55
11 Th	02:21 AM	9.2	280
	09:04 AM	-1.6	-49
	03:42 PM	7.3	223
	08:55 PM	2.5	76
12 F	03:01 AM	8.9	271
	09:53 AM	-1.2	-37
	04:39 PM	6.7	204
	09:38 PM	3.2	98
13 Sa	03:43 AM	8.4	256
	10:46 AM	-0.6	-18
	05:42 PM	6.2	189
	10:27 PM	3.8	116
14 Su	04:31 AM	7.7	235
	11:46 AM	0.1	3
	06:53 PM	5.9	180
	11:30 PM	4.2	128
15 M ◐	05:32 AM	7.0	213
	12:54 PM	0.6	18
	08:07 PM	5.8	177
16 Tu	12:56 AM	4.3	131
	06:53 AM	6.5	198
	02:05 PM	0.9	27
	09:12 PM	6.0	183
17 W	02:31 AM	4.0	122
	08:17 AM	6.2	189
	03:09 PM	1.0	30
	10:01 PM	6.3	192
18 Th	03:44 AM	3.4	104
	09:28 AM	6.2	189
	04:01 PM	1.0	30
	10:38 PM	6.6	201
19 F	04:35 AM	2.6	79
	10:26 AM	6.4	195
	04:43 PM	1.0	30
	11:10 PM	6.9	210
20 Sa	05:16 AM	1.8	55
	11:16 AM	6.5	198
	05:18 PM	1.1	34
	11:40 PM	7.2	219
21 Su	05:51 AM	1.1	34
	12:01 PM	6.7	204
	05:50 PM	1.3	40
22 M	12:07 AM	7.5	229
	06:24 AM	0.4	12
	12:43 PM	6.8	207
	06:21 PM	1.6	49
23 Tu ○	12:34 AM	7.8	238
	06:57 AM	-0.1	-3
	01:23 PM	6.9	210
	06:52 PM	2.0	61
24 W	12:59 AM	7.9	241
	07:30 AM	-0.5	-15
	02:04 PM	6.9	210
	07:22 PM	2.4	73
25 Th	01:23 AM	8.0	244
	08:04 AM	-0.7	-21
	02:45 PM	6.8	207
	07:53 PM	2.8	85
26 F	01:48 AM	8.0	244
	08:40 AM	-0.7	-21
	03:28 PM	6.6	201
	08:25 PM	3.3	101
27 Sa	02:16 AM	8.0	244
	09:20 AM	-0.7	-21
	04:16 PM	6.3	192
	09:00 PM	3.6	110
28 Su	02:50 AM	7.9	241
	10:05 AM	-0.5	-15
	05:12 PM	6.0	183
	09:42 PM	4.0	122
29 M	03:30 AM	7.6	232
	10:58 AM	-0.3	-9
	06:16 PM	5.9	180
	10:40 PM	4.2	128
30 Tu	04:24 AM	7.2	219
	11:58 AM	-0.1	-3
	07:23 PM	5.9	180

May

Day	Time (h m)	Height ft	Height cm
1 W ◑	12:01 AM	4.1	125
	05:38 AM	6.7	204
	01:04 PM	0.0	0
	08:22 PM	6.2	189
2 Th	01:32 AM	3.7	113
	07:14 AM	6.4	195
	02:08 PM	0.2	6
	09:12 PM	6.7	204
3 F	02:52 AM	2.7	82
	08:46 AM	6.4	195
	03:08 PM	0.3	9
	09:55 PM	7.3	223
4 Sa	03:57 AM	1.5	46
	10:01 AM	6.6	201
	04:02 PM	0.5	15
	10:34 PM	7.9	241
5 Su	04:52 AM	0.3	9
	11:06 AM	7.0	213
	04:51 PM	0.9	27
	11:13 PM	8.5	259
6 M	05:42 AM	-0.8	-24
	12:04 PM	7.2	219
	05:37 PM	1.3	40
	11:51 PM	9.0	274
7 Tu	06:29 AM	-1.7	-52
	12:59 PM	7.3	223
	06:21 PM	1.8	55
8 W ●	12:30 AM	9.3	283
	07:15 AM	-2.1	-64
	01:51 PM	7.3	223
	07:04 PM	2.3	70
9 Th	01:09 AM	9.3	283
	08:00 AM	-2.2	-67
	02:43 PM	7.2	219
	07:47 PM	2.8	85
10 F	01:49 AM	9.1	277
	08:46 AM	-2.0	-61
	03:35 PM	6.9	210
	08:31 PM	3.2	98
11 Sa	02:31 AM	8.7	265
	09:33 AM	-1.5	-46
	04:29 PM	6.6	201
	09:18 PM	3.6	110
12 Su	03:15 AM	8.0	244
	10:23 AM	-0.9	-27
	05:26 PM	6.3	192
	10:12 PM	3.9	119
13 M	04:03 AM	7.3	223
	11:15 AM	-0.2	-6
	06:26 PM	6.1	186
	11:18 PM	4.0	122
14 Tu	05:01 AM	6.6	201
	12:11 PM	0.3	9
	07:25 PM	6.1	186
15 W ◐	12:37 AM	3.9	119
	06:15 AM	6.0	183
	01:09 PM	0.8	24
	08:19 PM	6.2	189
16 Th	02:00 AM	3.5	107
	07:37 AM	5.6	171
	02:04 PM	1.1	34
	09:03 PM	6.4	195
17 F	03:08 AM	2.8	85
	08:51 AM	5.4	165
	02:55 PM	1.4	43
	09:41 PM	6.7	204
18 Sa	04:00 AM	2.0	61
	09:56 AM	5.5	168
	03:40 PM	1.7	52
	10:15 PM	7.0	213
19 Su	04:43 AM	1.2	37
	10:51 AM	5.7	174
	04:21 PM	2.0	61
	10:46 PM	7.4	226
20 M	05:20 AM	0.4	12
	11:41 AM	6.0	183
	05:00 PM	2.3	70
	11:16 PM	7.7	235
21 Tu	05:56 AM	-0.2	-6
	12:27 PM	6.3	192
	05:37 PM	2.6	79
	11:46 PM	7.9	241
22 W	06:32 AM	-0.7	-21
	01:11 PM	6.5	198
	06:13 PM	2.9	88
23 Th ○	12:15 AM	8.1	247
	07:08 AM	-1.1	-34
	01:54 PM	6.6	201
	06:49 PM	3.2	98
24 F	12:46 AM	8.3	253
	07:45 AM	-1.3	-40
	02:38 PM	6.6	201
	07:27 PM	3.4	104
25 Sa	01:18 AM	8.3	253
	08:25 AM	-1.4	-43
	03:24 PM	6.5	198
	08:06 PM	3.6	110
26 Su	01:55 AM	8.2	250
	09:08 AM	-1.4	-43
	04:12 PM	6.4	195
	08:50 PM	3.8	116
27 M	02:36 AM	8.0	244
	09:54 AM	-1.3	-40
	05:03 PM	6.3	192
	09:43 PM	3.8	116
28 Tu	03:24 AM	7.6	232
	10:43 AM	-1.0	-30
	05:56 PM	6.4	195
	10:49 PM	3.7	113
29 W	04:24 AM	7.0	213
	11:36 AM	-0.6	-18
	06:48 PM	6.5	198
30 Th ◑	12:06 AM	3.3	101
	05:39 AM	6.4	195
	12:31 PM	-0.2	-6
	07:38 PM	6.8	207
31 F	01:25 AM	2.6	79
	07:10 AM	5.9	180
	01:28 PM	0.4	12
	08:25 PM	7.3	223

June

Day	Time (h m)	Height ft	Height cm
1 Sa	02:38 AM	1.6	49
	08:37 AM	5.8	177
	02:25 PM	1.0	30
	09:10 PM	7.8	238
2 Su	03:41 AM	0.5	15
	09:54 AM	5.9	180
	03:20 PM	1.5	46
	09:53 PM	8.3	253
3 M	04:37 AM	-0.6	-18
	11:01 AM	6.2	189
	04:13 PM	2.1	64
	10:35 PM	8.8	268
4 Tu	05:28 AM	-1.4	-43
	12:01 PM	6.4	195
	05:04 PM	2.5	76
	11:18 PM	9.1	277
5 W	06:16 AM	-2.0	-61
	12:56 PM	6.7	204
	05:53 PM	2.8	85
6 Th ●	12:01 AM	9.2	280
	07:02 AM	-2.2	-67
	01:47 PM	6.8	207
	06:41 PM	3.1	94
7 F	12:44 AM	9.1	277
	07:47 AM	-2.2	-67
	02:36 PM	6.8	207
	07:27 PM	3.3	101
8 Sa	01:27 AM	8.8	268
	08:31 AM	-1.9	-58
	03:24 PM	6.7	204
	08:14 PM	3.5	107
9 Su	02:11 AM	8.3	253
	09:15 AM	-1.5	-46
	04:12 PM	6.5	198
	09:03 PM	3.6	110
10 M	02:55 AM	7.8	238
	09:59 AM	-1.0	-30
	04:59 PM	6.4	195
	09:56 PM	3.6	110
11 Tu	03:41 AM	7.1	216
	10:42 AM	-0.5	-15
	05:47 PM	6.3	192
	10:55 PM	3.6	110
12 W	04:33 AM	6.4	195
	11:26 AM	0.1	3
	06:34 PM	6.3	192
13 Th	12:02 AM	3.3	101
	05:35 AM	5.7	174
	12:10 PM	0.7	21
	07:18 PM	6.4	195
14 F ◐	01:11 AM	2.9	88
	06:49 AM	5.2	158
	12:56 PM	1.3	40
	07:59 PM	6.5	198
15 Sa	02:16 AM	2.3	70
	08:08 AM	4.9	149
	01:42 PM	1.8	55
	08:38 PM	6.8	207
16 Su	03:13 AM	1.6	49
	09:20 AM	4.9	149
	02:31 PM	2.3	70
	09:15 PM	7.1	216
17 M	04:02 AM	0.9	27
	10:24 AM	5.2	158
	03:19 PM	2.8	85
	09:52 PM	7.4	226
18 Tu	04:46 AM	0.2	6
	11:20 AM	5.5	168
	04:08 PM	3.1	94
	10:28 PM	7.7	235
19 W	05:28 AM	-0.4	-12
	12:10 PM	5.8	177
	04:55 PM	3.3	101
	11:04 PM	8.0	244
20 Th	06:08 AM	-1.0	-30
	12:57 PM	6.2	189
	05:40 PM	3.4	104
	11:42 PM	8.3	253
21 F	06:49 AM	-1.4	-43
	01:42 PM	6.4	195
	06:24 PM	3.5	107
22 Sa ○	12:21 AM	8.5	259
	07:30 AM	-1.8	-55
	02:26 PM	6.5	198
	07:09 PM	3.5	107
23 Su	01:02 AM	8.5	259
	08:12 AM	-2.0	-61
	03:09 PM	6.6	201
	07:56 PM	3.4	104
24 M	01:46 AM	8.4	256
	08:54 AM	-2.0	-61
	03:53 PM	6.7	204
	08:46 PM	3.3	101
25 Tu	02:34 AM	8.1	247
	09:38 AM	-1.7	-52
	04:36 PM	6.8	207
	09:43 PM	3.0	91
26 W	03:27 AM	7.5	229
	10:23 AM	-1.3	-40
	05:21 PM	6.9	210
	10:46 PM	2.7	82
27 Th	04:28 AM	6.8	207
	11:09 AM	-0.6	-18
	06:05 PM	7.1	216
	11:55 PM	2.1	64
28 F ◑	05:41 AM	6.1	186
	11:57 AM	0.2	6
	06:51 PM	7.4	226
29 Sa	01:07 AM	1.5	46
	07:05 AM	5.5	168
	12:49 PM	1.0	30
	07:39 PM	7.8	238
30 Su	02:18 AM	0.7	21
	08:30 AM	5.3	162
	01:44 PM	1.9	58
	08:27 PM	8.1	247

OREGON, NORTH COAST

July

	Time	Height ft	Height cm
	h m		
1	03:24 AM	-0.1	-3
	09:50 AM	5.4	165
M	02:43 PM	2.6	79
	09:17 PM	8.4	256
2	04:23 AM	-0.8	-24
	10:59 AM	5.7	174
Tu	03:43 PM	3.1	94
	10:07 PM	8.6	262
3	05:17 AM	-1.4	-43
	11:59 AM	6.0	183
W	04:42 PM	3.3	101
	10:56 PM	8.8	268
4	06:07 AM	-1.7	-52
	12:51 PM	6.3	192
Th	05:37 PM	3.4	104
	11:45 PM	8.8	268
5	06:52 AM	-1.8	-55
	01:38 PM	6.5	198
F	06:28 PM	3.4	104
●			
6	12:31 AM	8.7	265
	07:35 AM	-1.8	-55
Sa	02:22 PM	6.6	201
	07:16 PM	3.3	101
7	01:15 AM	8.4	256
	08:15 AM	-1.6	-49
Su	03:03 PM	6.6	201
	08:01 PM	3.2	98
8	01:58 AM	8.0	244
	08:53 AM	-1.3	-40
M	03:43 PM	6.6	201
	08:47 PM	3.1	94
9	02:40 AM	7.5	229
	09:30 AM	-0.9	-27
Tu	04:21 PM	6.5	198
	09:34 PM	2.9	88
10	03:22 AM	6.9	210
	10:05 AM	-0.4	-12
W	04:58 PM	6.5	198
	10:23 PM	2.8	85
11	04:08 AM	6.3	192
	10:40 AM	0.2	6
Th	05:35 PM	6.5	198
	11:17 PM	2.6	79
12	04:59 AM	5.6	171
	11:15 AM	0.9	27
F	06:11 PM	6.5	198
13	12:14 AM	2.3	70
	06:03 AM	5.1	155
Sa	11:52 AM	1.6	49
◐	06:48 PM	6.6	201
14	01:15 AM	1.9	58
	07:21 AM	4.7	143
Su	12:34 PM	2.3	70
	07:27 PM	6.8	207
15	02:17 AM	1.4	43
	08:43 AM	4.7	143
M	01:23 PM	2.9	88
	08:11 PM	7.0	213

	Time	Height ft	Height cm
	h m		
16	03:16 AM	0.9	27
	09:57 AM	4.9	149
Tu	02:20 PM	3.4	104
	08:57 PM	7.3	223
17	04:11 AM	0.3	9
	11:00 AM	5.3	162
W	03:22 PM	3.6	110
	09:45 PM	7.6	232
18	05:00 AM	-0.4	-12
	11:52 AM	5.7	174
Th	04:22 PM	3.7	113
	10:33 PM	8.0	244
19	05:46 AM	-1.0	-30
	12:38 PM	6.0	183
F	05:16 PM	3.6	110
	11:20 PM	8.3	253
20	06:30 AM	-1.6	-49
	01:21 PM	6.4	195
Sa	06:07 PM	3.3	101
21	12:08 AM	8.6	262
	07:12 AM	-2.0	-61
Su	02:01 PM	6.7	204
○	06:57 PM	3.0	91
22	12:55 AM	8.7	265
	07:54 AM	-2.2	-67
M	02:40 PM	6.9	210
	07:47 PM	2.5	76
23	01:44 AM	8.6	262
	08:34 AM	-2.1	-64
Tu	03:19 PM	7.2	219
	08:38 PM	2.1	64
24	02:35 AM	8.2	250
	09:15 AM	-1.6	-49
W	03:58 PM	7.4	226
	09:33 PM	1.6	49
25	03:29 AM	7.5	229
	09:56 AM	-0.9	-27
Th	04:37 PM	7.6	232
	10:31 PM	1.2	37
26	04:30 AM	6.8	207
	10:39 AM	0.0	0
F	05:19 PM	7.7	235
	11:34 PM	0.8	24
27	05:39 AM	6.0	183
	11:23 AM	1.0	30
Sa	06:04 PM	7.9	241
28	12:42 AM	0.5	15
	06:59 AM	5.4	165
Su	12:12 PM	2.0	61
◑	06:54 PM	7.9	241
29	01:54 AM	0.2	6
	08:25 AM	5.2	158
M	01:10 PM	2.8	85
	07:51 PM	8.0	244
30	03:05 AM	-0.2	-6
	09:47 AM	5.3	162
Tu	02:17 PM	3.4	104
	08:51 PM	8.1	247
31	04:11 AM	-0.6	-18
	10:57 AM	5.6	171
W	03:30 PM	3.7	113
	09:51 PM	8.2	250

August

	Time	Height ft	Height cm
	h m		
1	05:08 AM	-0.9	-27
	11:53 AM	5.9	180
Th	04:37 PM	3.6	110
	10:47 PM	8.3	253
2	05:57 AM	-1.2	-37
	12:39 PM	6.2	189
F	05:34 PM	3.4	104
	11:37 PM	8.3	253
3	06:40 AM	-1.3	-40
	01:19 PM	6.4	195
Sa	06:22 PM	3.1	94
4	12:24 AM	8.3	253
	07:18 AM	-1.3	-40
Su	01:56 PM	6.6	201
●	07:06 PM	2.8	85
5	01:06 AM	8.1	247
	07:52 AM	-1.2	-37
M	02:30 PM	6.7	204
	07:47 PM	2.5	76
6	01:47 AM	7.8	238
	08:24 AM	-0.9	-27
Tu	03:02 PM	6.8	207
	08:27 PM	2.2	67
7	02:26 AM	7.3	223
	08:55 AM	-0.5	-15
W	03:33 PM	6.8	207
	09:06 PM	2.0	61
8	03:05 AM	6.8	207
	09:25 AM	0.1	3
Th	04:02 PM	6.8	207
	09:47 PM	1.8	55
9	03:46 AM	6.3	192
	09:54 AM	0.7	21
F	04:30 PM	6.7	204
	10:31 PM	1.7	52
10	04:32 AM	5.7	174
	10:24 AM	1.5	46
Sa	04:58 PM	6.7	204
	11:20 PM	1.6	49
11	05:27 AM	5.2	158
	10:56 AM	2.2	67
Su	05:29 PM	6.7	204
12	12:16 AM	1.5	46
	06:41 AM	4.8	146
M	11:33 AM	2.9	88
◐	06:09 PM	6.8	207
13	01:20 AM	1.3	40
	08:10 AM	4.7	143
Tu	12:23 PM	3.5	107
	07:01 PM	6.9	210
14	02:29 AM	1.0	30
	09:33 AM	4.9	149
W	01:33 PM	3.9	119
	08:05 PM	7.1	216
15	03:35 AM	0.4	12
	10:38 AM	5.3	162
Th	02:52 PM	4.0	122
	09:12 PM	7.4	226

	Time	Height ft	Height cm
	h m		
16	04:32 AM	-0.2	-6
	11:28 AM	5.8	177
F	04:03 PM	3.8	116
	10:12 PM	7.8	238
17	05:21 AM	-0.9	-27
	12:11 PM	6.2	189
Sa	05:03 PM	3.3	101
	11:07 PM	8.3	253
18	06:06 AM	-1.5	-46
	12:49 PM	6.7	204
Su	05:56 PM	2.6	79
	11:59 PM	8.6	262
19	06:48 AM	-1.8	-55
	01:25 PM	7.1	216
M	06:45 PM	1.9	58
○			
20	12:50 AM	8.7	265
	07:28 AM	-1.8	-55
Tu	02:01 PM	7.5	229
	07:34 PM	1.1	34
21	01:41 AM	8.6	262
	08:07 AM	-1.5	-46
W	02:37 PM	7.8	238
	08:24 PM	0.5	15
22	02:33 AM	8.1	247
	08:47 AM	-0.8	-24
Th	03:13 PM	8.1	247
	09:15 PM	0.1	3
23	03:28 AM	7.5	229
	09:26 AM	0.0	0
F	03:51 PM	8.2	250
	10:10 PM	-0.2	-6
24	04:27 AM	6.8	207
	10:07 AM	1.1	34
Sa	04:32 PM	8.2	250
	11:09 PM	-0.2	-6
25	05:35 AM	6.1	186
	10:51 AM	2.1	64
Su	05:18 PM	8.1	247
26	12:15 AM	-0.1	-3
	06:53 AM	5.5	168
M	11:43 AM	3.0	91
◑	06:14 PM	7.8	238
27	01:28 AM	0.1	3
	08:20 AM	5.3	162
Tu	12:49 PM	3.7	113
	07:22 PM	7.6	232
28	02:46 AM	0.0	0
	09:42 AM	5.5	168
W	02:12 PM	4.0	122
	08:35 PM	7.5	229
29	03:56 AM	-0.1	-3
	10:47 AM	5.8	177
Th	03:36 PM	3.9	119
	09:43 PM	7.6	232
30	04:54 AM	-0.3	-9
	11:35 AM	6.1	186
F	04:42 PM	3.5	107
	10:41 PM	7.7	235
31	05:40 AM	-0.5	-15
	12:14 PM	6.4	195
Sa	05:33 PM	2.9	88
	11:31 PM	7.8	238

September

	Time	Height ft	Height cm
	h m		
1	06:18 AM	-0.6	-18
	12:48 PM	6.7	204
Su	06:15 PM	2.4	73
2	12:15 AM	7.8	238
	06:51 AM	-0.6	-18
M	01:18 PM	6.9	210
	06:53 PM	1.9	58
3	12:56 AM	7.7	235
	07:21 AM	-0.4	-12
Tu	01:47 PM	7.1	216
●	07:28 PM	1.5	46
4	01:34 AM	7.5	229
	07:49 AM	-0.1	-3
W	02:15 PM	7.1	216
	08:03 PM	1.2	37
5	02:12 AM	7.2	219
	08:17 AM	0.4	12
Th	02:40 PM	7.2	219
	08:37 PM	0.9	27
6	02:50 AM	6.8	207
	08:44 AM	1.0	30
F	03:04 PM	7.2	219
	09:13 PM	0.8	24
7	03:30 AM	6.4	195
	09:11 AM	1.6	49
Sa	03:26 PM	7.1	216
	09:51 PM	0.8	24
8	04:13 AM	6.0	183
	09:39 AM	2.3	70
Su	03:51 PM	7.1	216
	10:34 PM	0.9	27
9	05:05 AM	5.5	168
	10:09 AM	3.0	91
M	04:20 PM	7.0	213
	11:26 PM	1.1	34
10	06:16 AM	5.1	155
	10:46 AM	3.6	110
Tu	05:00 PM	6.9	210
11	12:31 AM	1.1	34
	07:47 AM	5.0	152
W	11:42 AM	4.0	122
◐	05:58 PM	6.8	207
12	01:45 AM	0.9	27
	09:10 AM	5.2	158
Th	01:08 PM	4.3	131
	07:21 PM	6.8	207
13	02:58 AM	0.5	15
	10:10 AM	5.6	171
F	02:41 PM	4.1	125
	08:47 PM	7.1	216
14	03:59 AM	-0.1	-3
	10:55 AM	6.1	186
Sa	03:54 PM	3.5	107
	09:57 PM	7.5	229
15	04:50 AM	-0.6	-18
	11:33 AM	6.7	204
Su	04:53 PM	2.6	79
	10:57 PM	8.0	244

	Time	Height ft	Height cm
	h m		
16	05:35 AM	-1.0	-30
	12:09 PM	7.3	223
M	05:44 PM	1.5	46
	11:51 PM	8.4	256
17	06:17 AM	-1.0	-30
	12:43 PM	7.8	238
Tu	06:32 PM	0.5	15
18	12:44 AM	8.5	259
	06:57 AM	-0.8	-24
W	01:18 PM	8.3	253
○	07:19 PM	-0.4	-12
19	01:36 AM	8.4	256
	07:36 AM	-0.3	-9
Th	01:53 PM	8.7	265
	08:07 PM	-1.0	-30
20	02:29 AM	8.0	244
	08:15 AM	0.5	15
F	02:29 PM	8.9	271
	08:56 PM	-1.2	-37
21	03:23 AM	7.5	229
	08:55 AM	1.4	43
Sa	03:08 PM	8.9	271
	09:47 PM	-1.1	-34
22	04:22 AM	6.9	210
	09:37 AM	2.3	70
Su	03:50 PM	8.6	262
	10:44 PM	-0.8	-24
23	05:29 AM	6.3	192
	10:24 AM	3.2	98
M	04:38 PM	8.2	250
	11:48 PM	-0.2	-6
24	06:45 AM	5.8	177
	11:22 AM	3.8	116
Tu	05:39 PM	7.6	232
◑			
25	01:01 AM	0.2	6
	08:09 AM	5.7	174
W	12:43 PM	4.2	128
	06:57 PM	7.1	216
26	02:19 AM	0.4	12
	09:24 AM	5.9	180
Th	02:20 PM	4.2	128
	08:20 PM	6.9	210
27	03:30 AM	0.4	12
	10:21 AM	6.2	189
F	03:42 PM	3.7	113
	09:31 PM	7.0	213
28	04:25 AM	0.4	12
	11:02 AM	6.6	201
Sa	04:40 PM	3.0	91
	10:30 PM	7.1	216
29	05:08 AM	0.3	9
	11:36 AM	6.9	210
Su	05:23 PM	2.3	70
	11:19 PM	7.2	219
30	05:43 AM	0.3	9
	12:06 PM	7.2	219
M	06:00 PM	1.7	52

OREGON, NORTH COAST

October

	Time	Height ft	Height cm
	h m		
1	12:02 AM	7.3	223
	06:14 AM	0.5	15
Tu	12:34 PM	7.4	226
	06:34 PM	1.1	34
2	12:43 AM	7.3	223
	06:43 AM	0.8	24
W	01:01 PM	7.6	232
●	07:06 PM	0.6	18
3	01:22 AM	7.2	219
	07:11 AM	1.1	34
Th	01:25 PM	7.7	235
	07:38 PM	0.3	9
4	02:00 AM	7.1	216
	07:38 AM	1.6	49
F	01:48 PM	7.8	238
	08:10 PM	0.1	3
5	02:39 AM	6.9	210
	08:06 AM	2.2	67
Sa	02:11 PM	7.7	235
	08:44 PM	0.1	3
6	03:19 AM	6.6	201
	08:34 AM	2.7	82
Su	02:33 PM	7.7	235
	09:21 PM	0.2	6
7	04:03 AM	6.2	189
	09:02 AM	3.3	101
M	02:59 PM	7.6	232
	10:03 PM	0.4	12
8	04:56 AM	5.9	180
	09:35 AM	3.8	116
Tu	03:31 PM	7.4	226
	10:53 PM	0.6	18
9	06:06 AM	5.6	171
	10:18 AM	4.2	128
W	04:14 PM	7.1	216
	11:55 PM	0.8	24
10	07:27 AM	5.5	168
	11:27 AM	4.5	137
Th	05:17 PM	6.8	207
◐			
11	01:07 AM	0.7	21
	08:39 AM	5.8	177
F	01:05 PM	4.5	137
	06:51 PM	6.6	201
12	02:17 AM	0.5	15
	09:32 AM	6.2	189
Sa	02:36 PM	3.9	119
	08:28 PM	6.8	207
13	03:19 AM	0.3	9
	10:13 AM	6.8	207
Su	03:45 PM	2.9	88
	09:44 PM	7.2	219
14	04:12 AM	0.1	3
	10:50 AM	7.4	226
M	04:40 PM	1.7	52
	10:47 PM	7.6	232
15	04:58 AM	0.1	3
	11:25 AM	8.1	247
Tu	05:30 PM	0.4	12
	11:44 PM	7.9	241

	Time	Height ft	Height cm
	h m		
16	05:42 AM	0.3	9
	12:01 PM	8.7	265
W	06:17 PM	-0.7	-21
17	12:38 AM	8.1	247
	06:23 AM	0.7	21
Th	12:36 PM	9.2	280
○	07:03 PM	-1.5	-46
18	01:31 AM	8.1	247
	07:04 AM	1.3	40
F	01:13 PM	9.5	290
	07:50 PM	-1.9	-58
19	02:24 AM	7.9	241
	07:46 AM	2.0	61
Sa	01:51 PM	9.6	293
	08:37 PM	-1.9	-58
20	03:18 AM	7.5	229
	08:28 AM	2.7	82
Su	02:32 PM	9.3	283
	09:27 PM	-1.5	-46
21	04:16 AM	7.0	213
	09:13 AM	3.4	104
M	03:16 PM	8.8	268
	10:21 PM	-0.9	-27
22	05:19 AM	6.6	201
	10:05 AM	4.0	122
Tu	04:06 PM	8.2	250
	11:21 PM	-0.2	-6
23	06:30 AM	6.3	192
	11:10 AM	4.4	134
W	05:08 PM	7.4	226
24	12:29 AM	0.4	12
	07:43 AM	6.3	192
Th	12:39 PM	4.5	137
◑	06:29 PM	6.8	207
25	01:39 AM	0.8	24
	08:48 AM	6.4	195
F	02:15 PM	4.1	125
	07:55 PM	6.4	195
26	02:44 AM	1.0	30
	09:38 AM	6.7	204
Sa	03:30 PM	3.4	104
	09:09 PM	6.4	195
27	03:38 AM	1.2	37
	10:17 AM	7.0	213
Su	04:22 PM	2.6	79
	10:10 PM	6.5	198
28	04:21 AM	1.3	40
	10:50 AM	7.4	226
M	05:03 PM	1.8	55
	11:01 PM	6.6	201
29	04:57 AM	1.5	46
	11:19 AM	7.7	235
Tu	05:38 PM	1.1	34
	11:47 PM	6.8	207
30	05:30 AM	1.8	55
	11:47 AM	7.9	241
W	06:10 PM	0.5	15
31	12:29 AM	7.0	213
	06:02 AM	2.1	64
Th	12:14 PM	8.2	250
	06:42 PM	0.0	0

November

	Time	Height ft	Height cm
	h m		
1	01:10 AM	7.0	213
	06:32 AM	2.4	73
F	12:39 PM	8.3	253
●	07:15 PM	-0.3	-9
2	01:50 AM	7.1	216
	07:03 AM	2.9	88
Sa	01:04 PM	8.3	253
	07:48 PM	-0.4	-12
3	01:30 AM	7.0	213
	06:33 AM	3.3	101
Su	12:29 PM	8.3	253
	07:23 PM	-0.4	-12
4	02:13 AM	6.8	207
	07:05 AM	3.7	113
M	12:56 PM	8.2	250
	08:01 PM	-0.3	-9
5	02:59 AM	6.6	201
	07:39 AM	4.1	125
Tu	01:27 PM	8.1	247
	08:44 PM	-0.1	-3
6	03:52 AM	6.3	192
	08:19 AM	4.4	134
W	02:04 PM	7.8	238
	09:32 PM	0.1	3
7	04:54 AM	6.2	189
	09:13 AM	4.6	140
Th	02:53 PM	7.4	226
	10:29 PM	0.3	9
8	05:58 AM	6.2	189
	10:31 AM	4.6	140
F	04:00 PM	6.9	210
	11:31 PM	0.5	15
9	06:55 AM	6.5	198
	12:02 PM	4.2	128
Sa	05:34 PM	6.5	198
◐			
10	12:34 AM	0.7	21
	07:44 AM	7.0	213
Su	01:24 PM	3.3	101
	07:12 PM	6.5	198
11	01:34 AM	0.9	27
	08:26 AM	7.6	232
M	02:30 PM	2.1	64
	08:32 PM	6.7	204
12	02:28 AM	1.1	34
	09:05 AM	8.3	253
Tu	03:25 PM	0.8	24
	09:39 PM	7.1	216
13	03:19 AM	1.5	46
	09:43 AM	8.9	271
W	04:15 PM	-0.4	-12
	10:38 PM	7.4	226
14	04:06 AM	1.9	58
	10:22 AM	9.5	290
Th	05:03 PM	-1.3	-40
	11:34 PM	7.7	235
15	04:52 AM	2.3	70
	11:01 AM	9.9	302
F	05:49 PM	-1.9	-58
○			

	Time	Height ft	Height cm
	h m		
16	12:27 AM	7.8	238
	05:37 AM	2.8	85
Sa	11:41 AM	10.0	305
	06:36 PM	-2.1	-64
17	01:19 AM	7.7	235
	06:21 AM	3.2	98
Su	12:23 PM	9.9	302
	07:23 PM	-2.0	-61
18	02:12 AM	7.5	229
	07:07 AM	3.6	110
M	01:07 PM	9.5	290
	08:11 PM	-1.5	-46
19	03:06 AM	7.2	219
	07:56 AM	4.0	122
Tu	01:53 PM	8.9	271
	09:01 PM	-0.9	-27
20	04:02 AM	7.0	213
	08:51 AM	4.3	131
W	02:43 PM	8.1	247
	09:54 PM	-0.2	-6
21	05:02 AM	6.8	207
	09:57 AM	4.4	134
Th	03:41 PM	7.3	223
	10:49 PM	0.5	15
22	06:01 AM	6.7	204
	11:17 AM	4.3	131
F	04:54 PM	6.6	201
	11:46 PM	1.0	30
23	06:56 AM	6.9	210
	12:42 PM	3.9	119
Sa	06:16 PM	6.0	183
◑			
24	12:41 AM	1.5	46
	07:42 AM	7.1	216
Su	01:54 PM	3.2	98
	07:34 PM	5.8	177
25	01:33 AM	2.0	61
	08:22 AM	7.4	226
M	02:49 PM	2.4	73
	08:41 PM	5.9	180
26	02:20 AM	2.3	70
	08:57 AM	7.7	235
Tu	03:32 PM	1.6	49
	09:39 PM	6.1	186
27	03:03 AM	2.7	82
	09:30 AM	8.0	244
W	04:10 PM	0.9	27
	10:29 PM	6.4	195
28	03:43 AM	3.0	91
	10:01 AM	8.3	253
Th	04:45 PM	0.3	9
	11:15 PM	6.7	204
29	04:21 AM	3.3	101
	10:31 AM	8.5	259
F	05:20 PM	-0.1	-3
	11:58 PM	6.9	210
30	04:57 AM	3.6	110
	11:01 AM	8.7	265
Sa	05:55 PM	-0.4	-12

December

	Time	Height ft	Height cm
	h m		
1	12:41 AM	7.0	213
	05:33 AM	3.8	116
Su	11:31 AM	8.8	268
●	06:31 PM	-0.6	-18
2	01:23 AM	7.1	216
	06:10 AM	4.0	122
M	12:03 PM	8.8	268
	07:09 PM	-0.7	-21
3	02:06 AM	7.0	213
	06:47 AM	4.2	128
Tu	12:37 PM	8.7	265
	07:48 PM	-0.7	-21
4	02:51 AM	6.9	210
	07:29 AM	4.3	131
W	01:15 PM	8.5	259
	08:30 PM	-0.6	-18
5	03:38 AM	6.9	210
	08:17 AM	4.4	134
Th	01:58 PM	8.1	247
	09:15 PM	-0.3	-9
6	04:27 AM	6.9	210
	09:17 AM	4.3	131
F	02:51 PM	7.6	232
	10:04 PM	0.0	0
7	05:16 AM	7.0	213
	10:29 AM	4.0	122
Sa	03:58 PM	7.0	213
	10:55 PM	0.5	15
8	06:05 AM	7.3	223
	11:47 AM	3.4	104
Su	05:25 PM	6.4	195
◐	11:50 PM	1.1	34
9	06:51 AM	7.7	235
	01:03 PM	2.5	76
M	06:59 PM	6.1	186
10	12:47 AM	1.7	52
	07:37 AM	8.3	253
Tu	02:09 PM	1.4	43
	08:22 PM	6.3	192
11	01:44 AM	2.3	70
	08:21 AM	8.8	268
W	03:08 PM	0.3	9
	09:34 PM	6.6	201
12	02:40 AM	2.9	88
	09:06 AM	9.4	287
Th	04:02 PM	-0.7	-21
	10:36 PM	7.0	213
13	03:35 AM	3.3	101
	09:51 AM	9.8	299
F	04:51 PM	-1.4	-43
	11:32 PM	7.3	223
14	04:27 AM	3.6	110
	10:36 AM	10.0	305
Sa	05:39 PM	-1.8	-55
15	12:24 AM	7.5	229
	05:17 AM	3.7	113
Su	11:22 AM	10.1	308
○	06:26 PM	-1.8	-55

	Time	Height ft	Height cm
	h m		
16	01:13 AM	7.6	232
	06:06 AM	3.9	119
M	12:07 PM	9.9	302
	07:11 PM	-1.7	-52
17	02:01 AM	7.5	229
	06:55 AM	3.9	119
Tu	12:53 PM	9.4	287
	07:56 PM	-1.3	-40
18	02:48 AM	7.4	226
	07:44 AM	4.0	122
W	01:39 PM	8.8	268
	08:39 PM	-0.8	-24
19	03:35 AM	7.3	223
	08:37 AM	4.0	122
Th	02:26 PM	8.1	247
	09:22 PM	-0.1	-3
20	04:22 AM	7.2	219
	09:34 AM	4.0	122
F	03:17 PM	7.3	223
	10:05 PM	0.5	15
21	05:08 AM	7.1	216
	10:39 AM	3.8	116
Sa	04:16 PM	6.5	198
	10:48 PM	1.3	40
22	05:53 AM	7.2	219
	11:48 AM	3.5	107
Su	05:27 PM	5.9	180
◑	11:32 PM	2.0	61
23	06:36 AM	7.3	223
	12:57 PM	3.0	91
M	06:48 PM	5.5	168
24	12:19 AM	2.6	79
	07:18 AM	7.5	229
Tu	01:58 PM	2.4	73
	08:05 PM	5.5	168
25	01:09 AM	3.2	98
	07:58 AM	7.7	235
W	02:51 PM	1.7	52
	09:13 PM	5.7	174
26	02:01 AM	3.7	113
	08:37 AM	8.0	244
Th	03:37 PM	1.1	34
	10:11 PM	6.0	183
27	02:53 AM	4.0	122
	09:16 AM	8.3	253
F	04:19 PM	0.5	15
	11:01 PM	6.4	195
28	03:43 AM	4.2	128
	09:55 AM	8.6	262
Sa	04:59 PM	0.0	0
	11:46 PM	6.7	204
29	04:29 AM	4.2	128
	10:33 AM	8.8	268
Su	05:38 PM	-0.5	-15
30	12:29 AM	7.0	213
	05:12 AM	4.2	128
M	11:11 AM	9.0	274
●	06:17 PM	-0.8	-24
31	01:09 AM	7.2	219
	05:55 AM	4.1	125
Tu	11:50 AM	9.1	277
	06:55 PM	-1.1	-34