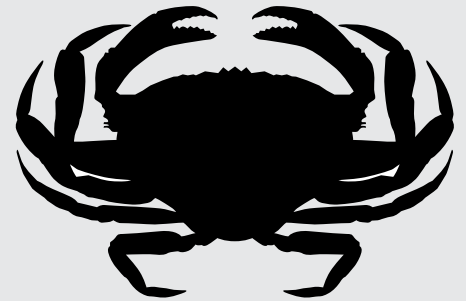


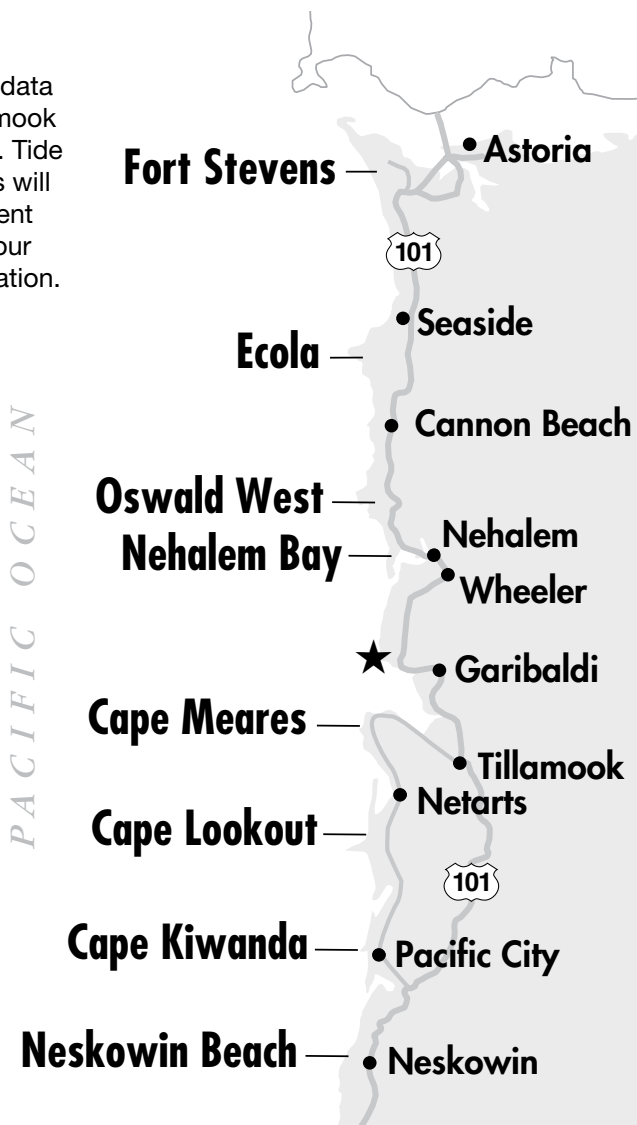
TIDE TABLES 2022

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	04:08 AM	3.7	113	16	04:48 AM	4.2	128	1	04:57 AM	2.8	85	16	12:29 AM	7.0	213
	10:17 AM	10.0	305		10:52 AM	8.7	265		11:01 AM	9.0	274		05:57 AM	2.6	79
	Sa 05:22 PM	-1.8	-55		Su 05:52 PM	-0.3	-9		Tu 05:43 PM	-1.1	-34		W 06:29 PM	-0.1	-3
2	12:09 AM	7.6	232	17	12:37 AM	7.0	213	2	12:15 AM	7.8	238	17	12:58 AM	7.4	226
	05:03 AM	3.7	113		06:09 AM	4.0	122		05:48 AM	2.0	61		06:36 AM	1.8	55
	Su 11:08 AM	10.2	311		M 11:30 AM	8.8	268		W 11:52 AM	9.0	274		Th 12:42 PM	8.1	247
3	12:59 AM	7.8	238	18	01:14 AM	7.1	216	3	12:52 AM	8.1	247	18	01:27 AM	7.7	235
	05:56 AM	3.6	110		06:09 AM	3.9	119		06:34 AM	1.5	46		07:14 AM	1.2	37
	M 11:59 AM	10.2	311		Tu 12:06 PM	8.7	265		Th 12:41 PM	8.7	265		F 01:24 PM	8.1	247
4	01:47 AM	7.9	241	19	01:49 AM	7.2	219	4	01:27 AM	8.2	250	19	01:55 AM	8.0	244
	05:50 AM	3.4	104		06:48 AM	3.7	113		07:18 AM	1.0	30		07:53 AM	0.6	18
	Tu 12:50 PM	9.9	302		W 12:42 PM	8.6	262		Sa 01:55 PM	7.8	238		Sa 02:07 PM	8.0	240
5	02:35 AM	7.9	241	20	02:23 AM	7.3	223	5	02:01 AM	8.2	250	20	02:23 AM	8.2	250
	05:56 AM	3.6	110		07:28 AM	3.5	107		08:00 AM	0.8	24		08:33 AM	0.1	3
	W 01:42 PM	9.3	283		Th 01:18 PM	8.3	253		Sa 02:13 PM	7.7	235		Su 02:52 PM	7.7	235
6	03:22 AM	7.9	241	21	02:56 AM	7.3	223	6	02:33 AM	8.1	247	21	02:52 AM	8.4	256
	08:42 AM	3.2	98		08:10 AM	3.3	101		08:43 AM	0.8	24		09:17 AM	-0.2	-6
	Th 02:36 PM	8.5	259		F 01:57 PM	7.9	241		Su 03:00 PM	7.1	216		M 03:42 PM	7.3	223
7	04:08 AM	7.9	241	22	03:28 AM	7.4	226	7	03:05 AM	7.9	241	22	03:25 AM	8.5	259
	09:43 AM	3.1	94		08:57 AM	3.0	91		09:27 AM	1.0	30		09:27 AM	-0.3	-9
	F 03:34 PM	7.6	232		Sa 02:41 PM	7.4	226		M 03:50 PM	6.5	198		Tu 04:38 PM	6.8	207
8	04:55 AM	7.8	238	23	04:00 AM	7.5	229	8	03:38 AM	7.6	232	23	04:03 AM	8.4	256
	10:49 AM	2.9	88		09:49 AM	2.7	82		10:16 AM	1.2	37		10:05 AM	-0.2	-6
	Sa 04:38 PM	6.7	204		Su 03:34 PM	6.8	207		Tu 04:48 PM	5.9	180		W 05:46 PM	6.2	189
9	05:43 AM	7.8	238	24	04:35 AM	7.7	235	9	04:13 AM	7.3	223	24	04:50 AM	8.2	250
	11:59 AM	2.6	79		10:49 AM	2.3	70		11:11 AM	1.5	46		12:06 PM	0.1	3
	Su 05:52 PM	6.0	183		M 04:42 PM	6.2	189		W 06:00 PM	5.5	168		Th 07:08 PM	5.9	180
10	06:30 AM	7.8	238	25	05:17 AM	7.9	241	10	04:59 AM	7.0	213	25	05:53 AM	7.8	238
	01:09 PM	2.2	67		11:56 AM	1.8	55		12:18 PM	1.6	49		01:21 PM	0.2	6
	M 07:12 PM	5.6	171		Tu 06:10 PM	5.8	177		Th 07:24 PM	5.4	165		F 08:33 PM	5.9	180
11	12:26 AM	2.9	88	26	06:06 AM	8.2	250	11	06:05 AM	6.8	207	26	01:04 AM	4.3	131
	07:17 AM	7.9	241		01:07 PM	1.2	37		01:32 PM	1.6	49		07:17 AM	7.5	229
	Tu 02:13 PM	1.7	52		W 07:44 PM	5.8	177		F 08:41 PM	5.5	168		Sa 02:40 PM	0.2	6
12	01:21 AM	3.6	110	27	12:26 AM	3.5	107	12	01:01 AM	4.6	140	27	02:40 AM	4.1	125
	08:03 AM	8.0	244		07:04 AM	8.5	259		07:23 AM	6.8	207		08:46 AM	7.5	229
	W 03:09 PM	1.2	37		Th 02:17 PM	0.5	15		Sa 02:40 PM	1.3	40		Su 03:50 PM	0.0	0
13	02:18 AM	4.0	122	28	01:38 AM	4.0	122	13	03:24 AM	4.4	134	28	04:01 AM	3.4	104
	08:48 AM	8.2	250		08:06 AM	8.9	271		09:32 AM	7.0	213		10:01 AM	7.7	235
	Th 03:56 PM	0.8	24		F 03:22 PM	-0.3	-9		Su 04:35 PM	0.9	27		M 04:48 PM	-0.2	-6
14	03:13 AM	4.2	128	29	02:51 AM	4.1	125	14	04:27 AM	3.9	119	29	05:03 AM	2.5	76
	09:32 AM	8.4	256		09:08 AM	9.3	283		10:28 AM	7.3	223		11:03 AM	7.9	241
	F 04:38 PM	0.4	12		Sa 04:20 PM	-1.0	-30		M 05:30 PM	-0.1	-3		Tu 05:35 PM	-0.3	-9
15	04:03 AM	4.2	128	30	03:58 AM	3.9	119	15	05:15 AM	3.3	101	30	12:04 AM	7.6	232
	10:13 AM	8.6	262		10:07 AM	9.6	293		11:16 AM	7.7	235		05:54 AM	1.6	49
	Sa 05:16 PM	0.0	0		Su 05:13 PM	-1.5	-46		Tu 05:55 PM	0.1	3		W 11:57 AM	8.0	244
31	11:59 PM	6.8	207	31	04:58 AM	3.5	107	31	12:40 AM	8.0	244	31	06:38 AM	0.8	24
					11:03 AM	9.8	299		Th 12:47 PM	8.0	244		06:54 PM	0.1	3
					M 06:01 PM	-1.7	-52								

OREGON, NORTH COAST

April					May					June																							
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	01:13 AM	8.2	250		16	12:38 AM	8.1	247		1	01:03 AM	8.3	253		16	12:27 AM	9.0	274		1	01:28 AM	8.0	244		16	01:33 AM	9.4	287					
	07:19 AM	0.3	9			06:51 AM	-0.3	-9			07:36 AM	-0.8	-24			07:14 AM	-2.1	-64			08:27 AM	-1.0	-30			08:38 AM	-2.7	-82					
	F 01:33 PM	7.9	241			Sa 01:13 PM	7.6	232			Su 02:07 PM	7.0	213			M 01:54 PM	7.3	223			W 03:22 PM	6.4	195			Th 03:31 PM	7.1	216		Th 03:31 PM	7.1	216	
	● 07:29 PM	0.6	18			○ 06:57 PM	1.0	30			07:27 PM	2.2	67			○ 07:04 PM	2.4	73			08:09 PM	3.6	110			08:28 PM	3.1	94					
2	01:45 AM	8.3	253		17	01:08 AM	8.5	259		2	01:32 AM	8.2	250		17	01:05 AM	9.2	280		2	02:00 AM	7.7	235		17	02:25 AM	9.0	274					
	07:57 AM	-0.1	-3			07:32 AM	-1.0	-30			08:11 AM	-0.9	-27			08:00 AM	-2.4	-73			09:04 AM	-0.8	-24			09:29 AM	-2.4	-73					
	Sa 02:17 PM	7.6	232			Su 02:01 PM	7.6	232			M 02:50 PM	6.8	207			Tu 02:47 PM	7.3	223			Th 04:05 PM	6.2	189			F 04:24 PM	7.0	213		F 04:24 PM	7.0	213	
	08:01 PM	1.1	34			07:34 PM	1.5	46			08:00 PM	2.7	82			07:49 PM	2.8	85			08:47 PM	3.7	113			09:27 PM	3.1	94					
3	02:15 AM	8.3	253		18	01:40 AM	8.8	268		3	02:01 AM	8.0	244		18	01:47 AM	9.2	280		3	02:33 AM	7.4	226		18	03:21 AM	8.3	253					
	08:35 AM	-0.2	-6			08:15 AM	-1.4	-43			08:47 AM	-0.7	-21			08:49 AM	-2.4	-73			09:43 AM	-0.6	-18			10:20 AM	-1.8	-55					
	Su 03:01 PM	7.2	219			M 02:50 PM	7.5	229			Tu 03:50 PM	6.6	201			W 03:41 PM	7.1	216			F 04:51 PM	6.1	186			Sa 05:17 PM	7.0	213		Sa 05:17 PM	7.0	213	
	08:33 PM	1.8	55			08:12 PM	2.0	61			08:33 PM	3.2	98			08:37 PM	3.1	94			09:31 PM	3.9	119			10:32 PM	3.0	91					
4	02:44 AM	8.1	247		19	02:14 AM	8.9	271		4	02:29 AM	7.8	238		19	02:33 AM	9.0	274		4	03:09 AM	7.0	213		19	04:22 AM	7.5	229					
	09:13 AM	-0.1	-3			09:01 AM	-1.5	-46			09:24 AM	-0.5	-15			09:40 AM	-2.1	-64			10:25 AM	-0.3	-9			11:12 AM	-1.1	-34					
	M 03:45 PM	6.8	207			Tu 03:43 PM	7.2	219			W 04:19 PM	6.3	192			Th 04:39 PM	6.9	210			Sa 05:39 PM	6.0	183			Su 05:10 PM	7.0	213		Su 05:10 PM	7.0	213	
	09:05 PM	2.5	76			08:53 PM	2.7	82			09:08 PM	3.6	110			09:31 PM	3.5	107			10:22 PM	3.9	119			11:45 PM	2.7	82					
5	03:12 AM	7.8	238		20	02:53 AM	8.8	268		5	02:59 AM	7.4	226		20	03:25 AM	8.4	256		5	03:51 AM	6.5	198		20	05:32 AM	6.6	201					
	09:52 AM	0.1	3			09:51 AM	-1.4	-43			10:05 AM	-0.1	-3			10:36 AM	-1.6	-49			11:08 AM	0.0	0			12:05 PM	-0.3	-9					
	Tu 04:32 PM	6.4	195			W 04:42 PM	6.8	207			Th 05:11 PM	6.0	183			F 05:40 PM	6.7	204			Su 06:27 PM	6.0	183			M 07:02 PM	7.1	216					
	09:38 PM	3.1	94			09:38 PM	3.2	98			09:48 PM	3.9	119			10:36 PM	3.6	110			11:25 PM	3.8	116										
6	03:41 AM	7.5	229		21	03:37 AM	8.5	259		6	03:32 AM	7.1	216		21	04:26 AM	7.7	235		6	04:45 AM	6.0	183		21	01:02 AM	2.3	70					
	10:35 AM	0.5	15			10:47 AM	-1.0	-30			10:52 AM	0.2	6			11:36 AM	-1.0	-30			11:54 AM	0.3	9			06:49 AM	5.8	177					
	W 05:27 PM	5.9	180			Th 05:49 PM	6.4	195			F 06:09 PM	5.8	177			Sa 06:43 PM	6.6	201			M 07:13 PM	6.1	186			Tu 12:58 PM	0.6	18					
	10:14 PM	3.7	113			10:34 PM	3.7	113			10:38 PM	4.2	128			11:54 PM	3.6	110			07:52 PM	7.3	223										
7	04:13 AM	7.1	216		22	04:32 AM	8.0	244		7	04:15 AM	6.6	201		22	05:40 AM	6.9	210		7	12:36 AM	3.5	107		22	02:16 AM	1.7	52					
	11:25 AM	0.9	27			11:51 AM	-0.6	-18			11:44 AM	0.6	18			12:38 PM	-0.4	-12			05:56 AM	5.6	171			08:09 AM	5.4	165					
	Th 06:33 PM	5.6	171			F 07:03 PM	6.2	189			Sa 07:11 PM	5.7	174			Su 07:44 PM	6.8	207			Tu 12:43 PM	0.7	21			W 01:51 PM	1.3	40					
	10:58 PM	4.1	125			11:47 PM	4.0	122			11:46 PM	4.3	131			0		07:56 PM	6.4		195		08:39 PM	7.5		229							
8	04:56 AM	6.8	207		23	05:43 AM	7.4	226		8	05:13 AM	6.1	186		23	01:21 AM	3.2	98		8	01:45 AM	2.8	85		23	03:21 AM	1.0	30					
	12:25 PM	1.2	37			01:02 PM	-0.2	-6			12:42 PM	0.8	24			07:06 AM	6.3	192			07:23 AM	5.3	162			08:24 AM	5.3	162					
	F 07:49 PM	5.5	168			Sa 08:15 PM	6.3	192			Su 08:09 PM	5.8	177			M 01:40 PM	0.2	6			W 01:34 PM	1.0	30			Th 02:44 PM	2.0	61					
	0			0					0					08:38 PM		7.0	213		08:35 PM		6.8	207		09:23 PM		7.7	235						
9	12:05 AM	4.4	134		24	01:19 AM	3.9	119		9	01:09 AM	4.0	122		24	02:42 AM	2.4	73		9	02:48 AM	1.9	58		24	04:16 AM	0.3	9					
	05:59 AM	6.4	195			07:14 AM	6.9	210			06:37 AM	5.8	177			08:29 AM	6.0	183			08:47 AM	5.3	162			10:31 AM	5.4	165					
	Sa 01:35 PM	1.3	40			Su 02:15 PM	0.1	3			M 01:41 PM	0.9	27			Tu 02:39 PM	0.7	21			Th 02:26 PM	1.4	43			F 03:36 PM	2.6	79					
	● 08:59 PM	5.6	171			09:17 PM	6.6	201			● 08:58 PM	6.1	186			09:25 PM	7.4	226			09:13 PM	7.3	223			10:04 PM	7.8	238					
10	01:36 AM	4.4	134		25	02:50 AM	3.3	101		10	02:27 AM	3.5	107		25	03:48 AM	1.5	46		10	03:43 AM	0.9	27		25	05:03 AM	-0.2	-6					
	07:31 AM	6.2	189			08:41 AM	6.7	204			10:05 AM	5.7	174			09:42 AM	5.9	180			09:59 AM	5.6	171			12:18 PM	5.9	171					
	Su 02:43 PM	1.2	37			M 03:20 PM	0.2	6			Tu 02:37 PM	0.9	27			W 03:32 PM	1.2	37			F 03:19 PM	1.8	55			Sa 04:25 PM	3.0	91					
	09:53 PM	5.9	180			10:06 PM	7.0	213			09:37 PM	6.5	198			10:07 PM	7.7	235			09:51 PM	7.9	241			10:44 PM	8.0	244					
11	03:00 AM	4.0	122		26	04:02 AM	2.4	73		11	03:28 AM	2.6	79		26	04:41 AM	0.7	21		11	04:34 AM	-0.2	-6		26	05:44 AM	-0.6	-18					
	08:54 AM	6.3	192			09:55 AM	6.8	207			10:24 AM	6.2	189			10:45 AM	6.0	183			11:02 AM	6.0	183			12:18 PM	5.9	171					
	M 03:40 PM	0.9	27			Tu 04:15 PM	0.4	12			W 03:27 PM	1.0	30			Th 04:20 PM	1.6	49			Sa 04:10 PM	2.2	67			Su 05:10 PM	3.2	98					
	10:34 PM	6.3	192			10:49 PM	7.5	229			10:12 PM	7.0	213			10:45 PM	8.0	244			10:30 PM	8.5	259			11:22 PM	8.0	244					
12	04:02 AM	3.3	101		27	04:57 AM	1.4	43		12	04:18 AM	1.6	49		27	05:25 AM	-0.1	-3		12	05:22 AM	-1.2	-37		27	06:22 AM	-0.8	-24					
	09:58 AM	6.6	201			10:56 AM	6.9	210			10:24 AM	6.2	189			11:40 AM	6.1	186			12:00 PM	6.4	195			01:03 PM	6.1	186					
	Tu 04:27 PM	0.7	21			W 05:01 PM	0.6	18			Th 04:13 PM	1.1	34			F 05:03 PM	2.0	61			Su 05:01 PM	2.5	76			M 05:53 PM	3.4	104					
	11:08 PM	6.7	204			11:26 PM	7.8	238			10:45 PM	7.5	229			11:20 PM	8.1	247			11:12 PM	9.0	274			11:58 PM	8.1	247					
13	04:50 AM	2.4	73		28	05:43 AM	0.6	18		13	05:03 AM	0.5	15		28	06:05 AM	-0.6	-18		13	06:10 AM	-2.0	-61		28	06:59 AM	-1.0	-30					
	10:51 AM	6.9	210			11:50 AM	7.0	213			12:29 PM	6.3	192			12:54 PM	6.8	207			12:54 PM	6.8	207			11:44 PM	6.2	189					
	W 05:08 PM																																

OREGON, NORTH COAST

July				August				September																							
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	01:44 AM	7.7	235		16	02:20 AM	8.8	268		1	02:47 AM	7.1	216		16	04:00 AM	7.0	213		1	04:12 AM	6.3	192		16	05:39 AM	5.8	177			
	08:45 AM	-1.0	-30			09:10 AM	-2.2	-67			09:24 AM	-0.5	-15			10:04 AM	0.2	6			09:55 AM	1.5	46			10:39 AM	3.1	94			
F	03:42 PM	6.3	192		Sa	03:55 PM	7.3	223		M	04:08 PM	6.7	204		Tu	04:36 PM	7.6	232			Th	04:13 PM	7.5	229		F	04:57 PM	7.1	216		
	08:32 PM	3.4	104			09:17 PM	2.2	67			09:40 PM	2.2	67			10:47 PM	0.9	27				10:51 PM	0.5	15			11:56 PM	0.9	27		
2	02:19 AM	7.4	226		17	03:16 AM	8.1	247		2	03:28 AM	6.6	201		17	04:58 AM	6.2	189		2	05:13 AM	5.8	177		17	06:50 AM	5.4	165			
	09:21 AM	-0.9	-27			09:56 AM	-1.5	-46			09:56 AM	0.0	0			10:43 AM	1.2	37				10:33 AM	2.3	70			11:27 AM	3.7	113		
Sa	04:58 PM	6.3	192		Su	04:41 PM	7.3	223		Tu	04:38 PM	6.8	207		W	05:17 PM	7.4	226		F	04:52 PM	7.6	232		Sa	05:46 PM	6.7	204			
	09:16 PM	3.4	104			10:17 PM	2.0	61			10:28 PM	1.9	58			11:44 PM	0.9	27				11:51 PM	0.4	12			0				
3	02:56 AM	7.0	213		18	04:13 AM	7.2	219		3	04:17 AM	6.1	186		18	06:02 AM	5.6	171		3	06:31 AM	5.4	165		18	01:02 AM	1.1	34			
	09:56 AM	-0.6	-18			10:41 AM	-0.7	-21			10:30 AM	0.6	18			11:24 AM	2.1	64				11:21 AM	3.0	91			08:11 AM	5.3	162		
Su	04:21 PM	6.3	192		M	05:27 PM	7.3	223		W	05:09 PM	7.0	213		Th	06:01 PM	7.2	219		Sa	05:43 PM	7.6	232		Su	12:34 PM	4.2	128			
	10:04 PM	3.3	101			11:21 PM	1.8	55			11:21 PM	1.6	49																		
4	03:37 AM	6.6	201		19	05:16 AM	6.3	192		4	05:16 AM	5.6	171		19	12:47 AM	1.0	30		4	01:02 AM	0.3	9		19	02:16 AM	1.2	37			
	10:33 AM	-0.3	-9			11:26 AM	0.3	9			11:09 AM	1.4	43			07:17 AM	5.1	155				08:03 AM	5.3	162			09:25 AM	5.5	168		
M	05:35 PM	6.4	195		Tu	06:13 PM	7.3	223		Th	05:46 PM	7.2	219		F	12:12 PM	3.0	91		Su	12:27 PM	3.6	110		M	02:02 PM	4.3	131			
	10:58 PM	3.0	91												06:52 PM	7.0	213				06:50 PM	7.6	232			08:13 PM	6.5	198			
5	04:27 AM	6.0	183		20	12:28 AM	1.5	46		5	12:22 AM	1.2	37		20	01:56 AM	1.0	30		5	02:19 AM	0.0	0		20	03:24 AM	1.0	30			
	11:11 AM	0.2	6			06:27 AM	5.6	171			08:34 AM	5.2	158			08:38 AM	5.0	152				09:25 AM	5.6	171			10:21 AM	5.8	177		
Tu	06:12 PM	6.5	198		W	12:12 PM	1.3	40		F	11:54 AM	2.1	64		Sa	01:11 PM	3.6	110		M	01:51 PM	3.9	119		Tu	03:21 PM	4.0	122			
	11:58 PM	2.6	79			07:00 PM	7.3	223			06:30 PM	7.4	226			07:50 PM	6.9	210				08:11 PM	7.7	235			09:21 PM	6.6	201		
6	05:30 AM	5.5	168		21	01:37 AM	1.2	37		6	01:30 AM	0.7	21		21	03:05 AM	0.8	24		6	03:31 AM	-0.4	-12		21	04:17 AM	0.7	21			
	11:52 AM	0.8	24			07:44 AM	5.1	155			08:06 AM	5.1	155			09:53 AM	5.2	158				10:30 AM	6.0	183			11:02 AM	6.1	186		
W	06:50 PM	6.8	207		Th	01:01 PM	2.1	64		Sa	12:50 PM	2.8	85		Su	02:24 PM	3.9	119		Tu	03:17 PM	3.7	113		W	04:20 PM	3.5	107			
						07:49 PM	7.3	223			07:25 PM	7.7	235			08:51 PM	6.9	210				09:28 PM	8.0	244			10:17 PM	6.9	210		
7	01:02 AM	2.0	61		22	02:44 AM	0.9	27		7	02:40 AM	0.1	3		22	04:06 AM	0.6	18		7	04:34 AM	-0.9	-27		22	05:00 AM	0.4	12			
	06:51 AM	5.1	155			09:03 AM	5.0	152			10:41 AM	5.3	162			10:53 AM	5.5	168				11:21 AM	6.5	198			11:37 AM	6.5	198		
Th	12:39 PM	1.4	43		F	01:56 PM	2.8	85		Su	01:59 PM	3.3	101		M	03:35 PM	3.9	119		W	04:28 PM	3.1	94		Th	05:05 PM	2.8	85			
	07:30 PM	7.1	216			08:38 PM	7.4	226			08:29 PM	8.0	244			09:48 PM	7.1	216				10:35 PM	8.3	253			11:04 PM	7.2	219		
8	02:06 AM	1.2	37		23	03:44 AM	0.5	15		8	03:47 AM	-0.6	-18		23	04:56 AM	0.2	6		8	05:27 AM	-1.3	-40		23	05:37 AM	0.1	3			
	08:20 AM	5.1	155			10:14 AM	5.1	155			08:06 AM	5.1	155			10:38 AM	5.8	177				12:05 PM	7.0	213			12:08 PM	6.8	207		
F	01:32 PM	2.1	64		Sa	02:55 PM	3.3	101		M	03:14 PM	3.5	107		Tu	04:34 PM	3.6	110		Th	05:28 PM	2.3	70		F	05:44 PM	2.2	67			
	08:15 PM	7.6	232			09:26 PM	7.5	229			09:34 PM	8.4	256			10:39 PM	7.4	226				11:33 PM	8.6	262			11:48 PM	7.5	229		
9	03:09 AM	0.4	12		24	04:37 AM	0.1	3		9	04:49 AM	-1.3	-40		24	05:38 AM	-0.1	-3		9	06:14 AM	-1.4	-43		24	06:10 AM	0.0	0			
	09:40 AM	5.3	162			12:03 PM	5.7	174			12:39 AM	6.2	189			12:16 PM	6.1	186				12:44 PM	7.5	229			12:37 PM	7.2	219		
Sa	02:31 PM	2.6	79		Su	03:54 PM	3.6	110		Tu	04:24 PM	3.3	101		W	05:22 PM	3.3	101		F	06:20 PM	1.5	46		Sa	12:37 PM	7.2	219			
	09:03 PM	8.1	247			10:13 PM	7.6	232			10:36 PM	8.8	268			11:24 PM	7.6	232				06:20 PM	1.5	46			06:21 PM	1.5	46		
10	04:08 AM	-0.6	-18		25	05:22 AM	-0.2	-6		10	05:43 AM	-1.9	-58		25	06:14 AM	-0.5	-15		10	12:27 AM	8.6	262		25	12:29 AM	7.6	232			
	10:49 AM	5.7	174			12:03 PM	5.7	174			12:29 PM	6.6	201			12:50 AM	6.4	195				06:56 AM	-1.3	-40			06:41 AM	0.0	0		
Su	03:33 PM	3.0	91		M	04:48 PM	3.6	110		W	05:27 PM	2.9	88		Th	06:03 PM	2.8	85		Sa	01:22 PM	7.8	238		Su	01:05 PM	7.5	229			
	09:54 PM	8.6	262			10:58 PM	7.7	235			11:35 PM	9.1	277									07:08 PM	0.8	24			06:57 PM	0.9	27		
11	05:03 AM	-1.4	-43		26	06:03 AM	-0.5	-15		11	06:33 AM	-2.2	-67		26	12:05 AM	7.7	235		11	01:18 AM	8.5	259		26	01:09 AM	7.6	232			
	11:50 AM	6.2	189			11:14 PM	7.0	213			01:14 PM	7.0	213			06:47 AM	-0.7	-21				07:35 AM	-0.9	-27			07:12 AM	0.3	9		
M	04:34 PM	3.1	94		Tu	05:35 PM	3.5	107		Th	06:24 PM	2.4	73		F	01:22 PM	6.7	204		Su	01:59 PM	8.0	244		M	01:31 PM	7.8	238			
	10:47 PM	9.0	274			11:40 PM	7.9	241							06:42 AM	2.4	73				07:54 PM	0.3	9			07:34 PM	0.3	9			
12	05:56 AM	-2.1	-64		27	06:40 AM	-0.8	-24		12	12:30 AM	9.2	280		27	12:44 AM	7.8	238		12	02:07 AM	8.1	247		27	01:50 AM	7.5	229			
	12:44 PM	6.6	201			07:20 AM	-2.3	-70			07:20 AM	-2.3	-70			07:19 AM	-0.7	-21				08:13 AM	-0.2	-6			07:43 AM	0.7	21		
Tu	05:33 PM	3.1	94		F	01:56 PM	7.3	223		Sa	01:52 PM	6.9	210		Sa	01:52 PM	6.9	210		M	02:34 PM	8.1	247		Tu	01:58 PM	8.0	244			
	11:40 PM	9.4	287			07:17 PM	1.8	55			07:19 PM	1.9	58			07:19 PM	1.9	58				08:39 PM	0.0	0			08:12 PM	-			

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								
1	05:17 AM	6.2	189	16	06:24 AM	5.8	177	1	12:25 AM	-0.1	-3	16	06:53 AM	6.3	192	1	12:03 AM	0.6	18	16	06:34 AM	7.0	213
	10:09 AM	3.3	101		10:51 AM	4.4	134		07:42 AM	6.6	201		12:01 PM	4.5	137		07:05 AM	7.6	232		12:25 PM	3.6	110
Sa	04:14 PM	8.0	244	Su	04:42 PM	6.8	207	Tu	12:40 PM	4.3	131	W	05:23 PM	6.0	183	Th	01:05 PM	3.1	94	F	05:59 PM	5.7	174
	11:31 PM	-0.1	-3					●	06:29 PM	7.1	216	●				●	06:52 PM	6.5	198	●			
2	06:35 AM	5.8	177	17	12:12 AM	1.1	34	2	01:36 AM	0.3	9	17	12:22 AM	1.4	43	2	01:03 AM	1.2	37	17	12:08 AM	1.9	58
	11:06 AM	3.9	119		07:38 AM	5.7	174		08:44 AM	6.9	210		07:41 AM	6.6	201		07:55 AM	8.0	244		07:14 AM	7.4	226
Su	05:12 PM	7.7	235	M	12:04 PM	4.6	140	W	02:14 PM	3.7	113	Th	01:19 PM	3.9	119	F	02:17 PM	2.1	64	Sa	01:30 PM	2.8	85
				●	05:50 PM	6.3	192		08:04 PM	6.9	210		06:55 PM	5.9	180		08:12 PM	6.4	195		07:27 PM	5.7	174
3	12:42 AM	0.1	3	18	01:20 AM	1.3	40	3	02:43 AM	0.5	15	18	01:17 AM	1.6	49	3	02:00 AM	1.8	55	18	12:59 AM	2.4	73
	07:59 AM	5.9	180		08:45 AM	5.9	180		09:35 AM	7.4	226		08:20 AM	7.0	213		08:39 AM	8.3	253		07:52 AM	7.8	238
M	12:28 PM	4.2	128	Tu	01:38 PM	4.5	137	Th	03:30 PM	2.8	85	F	02:19 PM	3.1	94	Sa	03:16 PM	1.2	37	Su	02:26 PM	1.8	55
●	06:33 PM	7.4	226		07:24 PM	6.1	186		09:23 PM	6.9	210		08:10 PM	6.0	183		09:21 PM	6.5	198		08:41 PM	5.9	180
4	02:00 AM	0.1	3	19	02:27 AM	1.3	40	4	03:41 AM	0.7	21	19	02:07 AM	1.7	52	4	02:52 AM	2.3	70	19	01:53 AM	2.8	85
	09:12 AM	6.2	189		09:37 AM	6.2	189		10:19 AM	7.9	241		08:54 AM	7.5	229		09:20 AM	8.7	265		08:30 AM	8.3	253
Tu	02:04 PM	4.0	122	W	02:59 PM	4.0	122	F	04:29 PM	1.7	52	Sa	03:07 PM	2.1	64	Su	04:04 PM	0.4	12	M	03:16 PM	0.8	24
	08:07 PM	7.3	223		08:45 PM	6.2	189		10:29 PM	7.1	216		09:11 PM	6.3	192		10:20 PM	6.7	204		09:45 PM	6.4	195
5	03:12 AM	-0.1	-3	20	03:23 AM	1.1	34	5	04:30 AM	0.9	27	20	02:52 AM	1.9	58	5	03:39 AM	2.7	82	20	02:45 AM	3.1	94
	10:08 AM	6.6	201		10:16 AM	6.6	201		10:58 AM	8.3	253		09:26 AM	8.0	244		09:58 AM	8.9	271		09:09 AM	8.9	271
W	03:28 PM	3.4	104	Th	03:56 PM	3.3	101	Sa	05:18 PM	0.7	21	Su	03:49 PM	1.1	34	M	04:47 PM	-0.2	-6	Tu	04:04 PM	-0.2	-6
	09:28 PM	7.5	229		09:47 PM	6.5	198		11:26 PM	7.3	223		10:05 PM	6.7	204		11:12 PM	6.9	210		10:42 PM	6.8	207
6	04:12 AM	-0.2	-6	21	04:09 AM	1.0	30	6	04:14 AM	1.3	40	21	03:35 AM	2.1	64	6	04:22 AM	3.1	94	21	03:37 AM	3.4	104
	10:53 AM	7.2	219		10:49 AM	7.0	213		10:33 AM	8.7	265		09:57 AM	8.5	259		10:34 AM	9.1	277		09:50 AM	9.4	287
Th	04:33 PM	2.4	73	F	04:41 PM	2.4	73	Su	05:01 PM	-0.1	-3	M	04:30 PM	0.1	3	Tu	05:26 PM	-0.5	-15	W	04:51 PM	-1.0	-30
	10:34 PM	7.7	235		10:40 PM	6.8	207		11:17 PM	7.4	226		10:55 PM	7.1	216		11:59 PM	7.1	216		11:34 PM	7.2	219
7	05:03 AM	-0.3	-9	22	04:48 AM	0.9	27	7	04:54 AM	1.7	52	22	04:16 AM	2.4	73	7	05:03 AM	3.4	104	22	04:28 AM	3.6	110
	11:33 AM	7.7	235		11:49 AM	7.4	226		11:08 AM	8.9	271		10:29 AM	9.0	274		11:09 AM	9.1	277		11:20 AM	9.9	302
F	05:26 PM	1.4	43	Sa	05:19 PM	1.5	46	M	05:41 PM	-0.6	-18	Tu	05:10 PM	-0.7	-21	W	06:02 PM	-0.7	-21	Th	05:37 PM	-1.6	-49
	11:31 PM	7.9	241		11:27 PM	7.1	216		06:18 PM	-0.8	-24		11:44 PM	7.4	226								
8	05:47 AM	-0.2	-6	23	05:24 AM	0.9	27	8	12:05 AM	7.4	226	23	04:57 AM	2.7	82	8	12:43 AM	7.2	219	23	12:25 AM	7.5	229
	12:10 PM	8.1	247		11:48 AM	7.9	241		05:31 AM	2.2	67		05:41 AM	2.7	82		05:41 AM	3.7	113		05:17 AM	3.7	113
Sa	06:12 PM	0.5	15	Su	05:57 PM	0.7	21	Tu	11:40 AM	9.0	274	W	05:52 PM	-1.4	-43	Th	11:43 AM	9.0	274	F	11:20 AM	10.1	308
								○	06:18 PM	-0.8	-24	●				○	06:38 PM	-0.7	-21	●	06:25 PM	-2.0	-61
9	12:23 AM	8.0	244	24	12:12 AM	7.3	223	9	12:50 AM	7.4	226	24	12:33 AM	7.6	232	9	01:25 AM	7.2	219	24	01:14 AM	7.7	235
	06:26 AM	0.1	3		05:59 AM	1.1	34		06:06 AM	2.7	82		05:39 AM	3.0	91		06:18 AM	3.9	119		06:08 AM	3.7	113
Su	12:45 PM	8.4	256	M	12:16 PM	8.3	253	W	12:12 PM	8.9	271	Th	11:40 AM	9.7	296	F	12:16 PM	8.8	268	Sa	12:08 PM	10.2	311
○	06:55 PM	-0.1	-3		06:34 PM	-0.1	-3		06:55 PM	-0.8	-24		06:36 PM	-1.8	-55		07:14 PM	-0.6	-18		07:13 PM	-2.1	-64
10	01:11 AM	7.9	241	25	12:56 AM	7.5	229	10	01:35 AM	7.2	219	25	01:23 AM	7.6	232	10	02:07 AM	7.1	216	25	02:04 AM	7.8	238
	07:03 AM	0.6	18		06:33 AM	1.5	46		06:41 AM	3.2	98		06:22 AM	3.4	104		06:56 AM	4.1	125		07:00 AM	3.6	110
M	01:18 PM	8.6	262	Tu	12:44 PM	8.6	262	Th	12:42 PM	8.7	265	F	12:20 PM	9.8	299	Sa	12:49 PM	8.5	259	Su	12:58 PM	9.9	302
	07:36 PM	-0.5	-15	●	07:12 PM	-0.7	-21		07:32 PM	-0.7	-21		07:23 PM	-1.9	-58		07:51 PM	-0.5	-12		08:01 PM	-1.9	-58
11	01:58 AM	7.7	235	26	01:41 AM	7.6	232	11	02:19 AM	7.0	213	26	02:15 AM	7.5	229	11	02:49 AM	7.0	213	26	02:53 AM	7.8	238
	07:38 AM	1.3	40		07:08 AM	1.9	58		07:16 AM	3.6	110		07:08 AM	3.7	113		07:34 AM	4.3	131		07:56 AM	3.6	110
Tu	01:50 PM	8.5	259	W	01:13 PM	8.9	271	F	01:12 PM	8.4	256	Sa	01:04 PM	9.6	293	Su	01:22 PM	8.2	250	M	01:52 PM	9.3	283
	08:16 PM	-0.6	-18		07:52 PM	-1.1	-34		08:10 PM	-0.3	-9		08:12 PM	-1.7	-52		08:29 PM	-0.1	-3		08:50 PM	-1.4	-43
12	02:45 AM	7.3	223	27	02:28 AM	7.5	229	12	03:06 AM	6.8	207	27	03:10 AM	7.4	226	12	03:33 AM	6.8	207	27	03:43 AM	7.8	238
	08:13 AM	2.0	61		07:45 AM	2.4	73		07:53 AM	4.1	125		07:59 AM	3.9	119		08:17 AM	4.4	134		08:57 AM	3.5	107
W	02:21 PM	8.4	256	Th	01:46 PM	9.0	274	Sa	01:43 PM	8.0	244	Su	01:53 PM	9.2	280	M	01:58 PM	7.8	238	Tu	02:50 PM	8.5	259
	08:55 PM	-0.5	-15		08:35 PM	-1.3	-40		08:51 PM	0.1	3		09:05 PM	-1.3	-40		09:08 PM	0.2	6		09:40 PM	-0.6	-18
13	03:31 AM	6.9	210	28	03:18 AM	7.3	223	13	03:58 AM	6.5	198	28	04:08 AM	7.2	219	13	04:19 AM	6.7	204	28	04:34 AM	7.8	238
	08:47 AM	2.7	82		08:24 AM	3.0	91		08:34 AM	4.4	134		09:00 AM	4.1	125		09:07 AM	4.5	137		10:06 AM	3.2	98
Th	02:52 PM	8.1	247	F	02:22 PM	9.0	274	Su	02:18 PM	7.5	229	M	02:50 PM	8.5	259	Tu	02:38 PM	7.2	219	W	03:56 PM	7.6	232
	09:36 PM	-0.2	-6		09:22 PM	-1.2	-37		09:37 PM	0.5	15		10:01 PM	-0.7	-21		09:49 PM	0.6	18		10:31 PM	0.2	6
14	04:21 AM	6.5	198	29	04:14 AM	7.0	213	14	04:55 AM	6.3	192	29	05:09 AM	7.2	219	14	05:05 AM	6.7	204	29	05:26 AM	7.9	241
	09:22 AM	3.3	101		09:07 AM	3.6	110		09:26 AM	4.6	140		10:14 AM	4.1	125		10:06 AM	4.4	134		11:20 AM	2.9	88
F	03:23 PM	7.7	235	Sa	03:04 PM	8.8	268	M	03:00 PM	7.0	213	Tu	03:59 PM	7.7	235	W	03:27 PM	6.7	204	Th	05:11 PM	6.8	207
	10:20 PM	0.3	9		10:16 PM	-0.9	-27		10:28 PM	0.9	27		11:01 PM	0.0	0		10:33 PM	1.0	30		11:23 PM	1.1	34
15	05:18 AM	6.1	186	30	05:18 AM	6.6	201	15	05:56 AM	6.2	189	30	06:09 AM	7.3	223	15	05:51 AM	6.8	207	30	06:17 AM	8.0	244
	10:01 AM	3.9	119		09:59 AM	4.0	122		10:36 AM	4.7	143		11:40 AM	3.8	116		11:15 AM	4.1	125		12:38 PM	2.4	73
Sa	03:58 PM	7.2	219	Su	03:54 PM	8.3	253	Tu	03:58 PM	6.5	198	W	05:24 PM	6.9	210	Th	04:33 PM	6.1	186	F	06:34 PM	6.1	186
	11:11 PM	0.7	21		11:16 PM	-0.5	-15		11:24 PM	1.2	37	●					11:19 PM	1.5	46	●			