



StationId:8535163
 Source:NOAA/NOS/CO-OPS
 Station Type:Subordinate
 Time Zone:LST/LDT
 Datum:mean lower low water (MLLW) which is the chart datum of soundings

NOAA Tide Predictions

Strathmere, Strathmere Bay, New Jersey, 2013

Times and Heights of High and Low Waters

January				February				March			
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	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 Tu 03:53 AM 09:59 AM 04:38 PM 10:35 PM	0.1 3 4.0 122 -0.1 -3 3.3 101	16 W 05:14 AM 11:13 AM 05:42 PM 11:50 PM	-0.2 -6 4.0 122 -0.4 -12 3.6 110	1 F 05:11 AM 11:00 AM 05:31 PM 11:42 PM	0.0 0 3.7 113 -0.3 -9 3.8 116	16 Sa 06:28 AM 12:14 PM 06:31 PM	0.4 12 3.1 94 0.3 9	1 F 04:07 AM 09:59 AM 04:21 PM 10:30 PM	-0.4 -12 3.9 119 -0.4 -12 4.2 128	16 Sa 06:03 AM 11:52 AM 06:02 PM	0.2 6 3.4 104 0.3 9
2 W 04:38 AM 10:38 AM 05:17 PM 11:19 PM	0.2 6 3.9 119 -0.1 -3 3.3 101	17 Th 06:09 AM 12:04 PM 06:31 PM	0.1 3 3.6 110 -0.1 -3	2 Sa 06:07 AM 11:51 AM 06:22 PM	0.1 3 3.4 104 -0.2 -6	17 Su 12:46 AM 07:25 AM 01:09 PM 07:22 PM	3.5 107 0.6 18 2.9 88 0.5 15	2 Sa 04:58 AM 10:45 AM 05:08 PM 11:21 PM	-0.2 -6 3.7 113 -0.3 -9 4.2 128	17 Su 12:10 AM 06:51 AM 12:37 PM 06:44 PM	3.8 116 0.4 12 3.2 98 0.5 15
3 Th 05:28 AM 11:22 AM 06:01 PM	0.3 9 3.7 113 -0.1 -3	18 F 12:43 AM 07:07 AM 12:57 PM 07:21 PM	3.5 107 0.4 12 3.2 98 0.1 3	3 Su 12:40 AM 07:12 AM 12:53 PM 07:22 PM	3.8 116 0.2 6 3.2 98 -0.1 -3	18 M 01:43 AM 08:27 AM 02:10 PM 08:17 PM	3.4 104 0.7 21 2.7 82 0.6 18	3 Su 05:55 AM 11:39 AM 06:02 PM	0.0 0 3.5 107 -0.1 -3	18 M 12:56 AM 07:43 AM 01:28 PM 07:32 PM	3.7 113 0.7 21 2.9 88 0.7 21
4 F 12:10 AM 06:26 AM 12:13 PM 06:52 PM	3.4 104 0.3 9 3.5 107 -0.1 -3	19 Sa 01:40 AM 08:09 AM 01:55 PM 08:13 PM	3.4 104 0.5 15 3.0 91 0.3 9	4 M 01:47 AM 08:22 AM 02:05 PM 08:28 PM	3.9 119 0.2 6 3.1 94 -0.1 -3	19 Tu 02:44 AM 09:29 AM 03:13 PM 09:15 PM	3.4 104 0.8 24 2.7 82 0.6 18	4 M 12:21 AM 06:59 AM 12:44 PM 07:06 PM	4.1 125 0.1 3 3.2 98 0.0 0	19 Tu 01:49 AM 08:40 AM 02:27 PM 08:28 PM	3.5 107 0.8 24 2.8 85 0.8 24
5 Sa 01:08 AM 07:31 AM 01:14 PM 07:49 PM	3.6 110 0.3 9 3.3 101 -0.1 -3	20 Su 02:37 AM 09:11 AM 02:54 PM 09:06 PM	3.4 104 0.6 18 2.8 85 0.4 12	5 Tu 02:57 AM 09:33 AM 03:21 PM 09:37 PM	4.1 125 0.0 0 3.1 94 -0.2 -6	20 W 03:44 AM 10:25 AM 04:12 PM 10:11 PM	3.5 107 0.6 18 2.8 85 0.5 15	5 Tu 01:29 AM 08:09 AM 01:59 PM 08:16 PM	4.1 125 0.2 6 3.1 94 0.1 3	20 W 02:50 AM 09:41 AM 03:32 PM 09:29 PM	3.4 104 0.9 27 2.8 85 0.9 27
6 Su 02:12 AM 08:40 AM 02:23 PM 08:50 PM	3.8 116 0.2 6 3.2 98 -0.2 -6	21 M 03:33 AM 10:10 AM 03:53 PM 09:58 PM	3.5 107 0.6 18 2.8 85 0.3 9	6 W 04:05 AM 10:38 AM 04:32 PM 10:42 PM	4.3 131 -0.2 -6 3.3 101 -0.4 -12	21 Th 04:37 AM 11:15 AM 05:04 PM 11:02 PM	3.6 110 0.5 15 2.9 88 0.3 9	6 W 02:42 AM 09:18 AM 03:16 PM 09:27 PM	4.1 125 0.1 3 3.2 98 0.0 0	21 Th 03:53 AM 10:38 AM 04:33 PM 10:30 PM	3.5 107 0.8 24 2.9 88 0.8 24
7 M 03:17 AM 09:48 AM 03:34 PM 09:52 PM	4.1 125 0.0 0 3.2 98 -0.4 -12	22 Tu 04:26 AM 11:03 AM 04:46 PM 10:47 PM	3.6 110 0.4 12 2.8 85 0.3 9	7 Th 05:07 AM 11:38 AM 05:34 PM 11:42 PM	4.5 137 -0.5 -15 3.5 107 -0.6 -18	22 F 05:24 AM 11:58 AM 05:50 PM 11:48 PM	3.8 116 0.3 9 3.2 98 0.1 3	7 Th 03:51 AM 10:23 AM 04:25 PM 10:33 PM	4.2 128 -0.1 -3 3.4 104 -0.2 -6	22 F 04:52 AM 11:29 AM 05:27 PM 11:26 PM	3.6 110 0.6 18 3.1 94 0.6 18
8 Tu 04:20 AM 10:52 AM 04:41 PM 10:54 PM	4.4 134 -0.3 -9 3.4 104 -0.6 -18	23 W 05:13 AM 11:50 AM 05:35 PM 11:33 PM	3.8 116 0.3 9 2.9 88 0.1 3	8 F 06:03 AM 12:32 PM 06:30 PM	4.7 143 -0.7 -21 3.8 116	23 Sa 06:07 AM 12:37 PM 06:32 PM	4.0 122 0.1 3 3.4 104	8 F 04:53 AM 11:21 AM 05:24 PM 11:33 PM	4.4 134 -0.3 -9 3.7 113 -0.4 -12	23 Sa 05:43 AM 12:13 PM 06:14 PM	3.7 113 0.4 12 3.4 104
9 W 05:19 AM 11:52 AM 05:43 PM 11:52 PM	4.7 143 -0.6 -18 3.5 107 -0.8 -24	24 Th 05:57 AM 12:33 PM 06:19 PM	3.9 119 0.1 3 3.0 91	9 Sa 12:38 AM 06:55 AM 01:22 PM 07:21 PM	-0.8 -24 4.9 149 -0.9 -27 4.0 122	24 Su 12:32 AM 06:46 AM 01:13 PM 07:11 PM	-0.1 -3 4.1 125 -0.1 -3 3.6 110	9 Sa 05:49 AM 12:12 PM 06:17 PM	4.5 137 -0.5 -15 4.0 122	24 Su 12:17 AM 06:29 AM 12:54 PM 06:57 PM	0.3 9 3.9 119 0.2 6 3.7 113
10 Th 06:15 AM 12:47 PM 06:40 PM	4.9 149 -0.8 -24 3.7 113	25 F 12:16 AM 06:37 AM 01:11 PM 07:00 PM	0.0 0 4.1 125 0.0 0 3.2 98	10 Su 01:31 AM 07:43 AM 02:09 PM 08:09 PM	-0.9 -27 4.9 149 -1.0 -30 4.1 125	25 M 01:13 AM 07:24 AM 01:48 PM 07:48 PM	-0.3 -9 4.2 128 -0.3 -9 3.8 116	10 Su 12:28 AM 07:38 AM 02:00 PM 08:04 PM	-0.5 -15 4.6 140 -0.6 -18 4.2 128	25 M 01:04 AM 07:12 AM 01:32 PM 07:38 PM	0.0 0 4.1 125 -0.1 -3 4.0 122
11 F 12:48 AM 07:08 AM 01:40 PM 07:34 PM	-0.9 -27 1.5 57 -1.0 -30 3.9 119	26 Sa 12:57 AM 07:15 AM 01:48 PM 07:39 PM	-0.1 -3 4.2 128 -0.2 -6 3.3 101	11 M 02:21 AM 08:29 AM 02:54 PM 08:55 PM	-0.9 -27 4.7 143 -0.9 -27 4.1 125	26 Tu 01:55 AM 08:01 AM 02:24 PM 08:26 PM	-0.4 -12 4.3 131 -0.4 -12 4.0 122	11 M 02:18 AM 08:24 AM 02:44 PM 08:48 PM	-0.6 -18 4.6 140 -0.7 -21 4.3 131	26 Tu 01:49 AM 07:53 AM 02:11 PM 08:18 PM	-0.2 -6 4.2 128 -0.3 -9 4.3 131
12 Sa 01:42 AM 07:59 AM 02:30 PM 08:26 PM	-1.0 -30 1.5 57 -1.1 -34 4.0 122	27 Su 01:36 AM 07:51 AM 02:23 PM 08:17 PM	-0.2 -6 4.2 128 -0.3 -9 3.4 104	12 Tu 03:10 AM 09:14 AM 03:38 PM 09:39 PM	-0.8 -24 4.5 137 -0.8 -24 4.1 125	27 W 02:37 AM 08:38 AM 03:00 PM 09:04 PM	-0.4 -12 4.2 128 -0.5 -15 4.2 128	12 Tu 03:06 AM 09:08 AM 03:26 PM 09:30 PM	-0.6 -18 4.5 137 -0.6 -18 4.4 134	27 W 02:33 AM 08:34 AM 02:50 PM 08:58 PM	-0.4 -12 4.3 131 -0.4 -12 4.6 140
13 Su 02:35 AM 08:48 AM 03:19 PM 09:17 PM	-0.9 -27 5.0 152 -1.0 -30 4.0 122	28 M 02:15 AM 08:26 AM 02:57 PM 08:53 PM	-0.3 -9 4.2 128 -0.3 -9 3.5 107	13 W 03:58 AM 09:57 AM 04:20 PM 10:24 PM	-0.5 -15 4.2 128 -0.5 -15 4.0 122	28 Th 03:20 AM 09:17 AM 03:39 PM 09:45 PM	-0.4 -12 4.1 125 -0.5 -15 4.2 128	13 W 03:51 AM 09:49 AM 04:06 PM 10:10 PM	-0.5 -15 4.3 131 -0.5 -15 4.3 131	28 Th 03:19 AM 09:15 AM 03:31 PM 09:40 PM	-0.5 -15 4.2 128 -0.5 -15 4.7 143
14 M 03:28 AM 09:37 AM 04:07 PM 10:07 PM	-0.8 -24 4.7 143 -0.9 -27 3.9 119	29 Tu 02:55 AM 09:01 AM 03:31 PM 09:30 PM	-0.3 -9 4.2 128 -0.4 -12 3.6 110	14 Th 04:46 AM 10:41 AM 05:03 PM 11:08 PM	-0.2 -6 3.9 119 -0.3 -9 3.8 116	14 Th 04:35 AM 10:30 AM 04:45 PM 10:49 PM	-0.4 -12 4.0 122 -0.3 -9 4.2 128	14 Th 04:35 AM 10:30 AM 04:45 PM 10:49 PM	-0.4 -12 4.0 122 -0.3 -9 4.2 128	29 F 04:05 AM 09:59 AM 04:14 PM 10:25 PM	-0.6 -18 4.1 125 -0.5 -15 4.8 146
15 Tu 04:20 AM 10:25 AM 04:54 PM 10:58 PM	-0.5 -15 4.4 134 -0.7 -21 3.8 116	30 W 03:36 AM 09:37 AM 04:07 PM 10:09 PM	-0.2 -6 4.0 122 -0.4 -12 3.7 113	15 F 05:35 AM 11:26 AM 05:46 PM 11:55 PM	0.1 3 3.5 107 0.0 0 3.6 110	15 F 05:19 AM 11:10 AM 05:23 PM 11:28 PM	-0.1 -3 3.7 113 0.0 0 4.0 122	15 F 05:19 AM 11:10 AM 05:23 PM 11:28 PM	-0.1 -3 3.7 113 0.0 0 4.0 122	30 Sa 04:55 AM 10:45 AM 05:00 PM 11:13 PM	-0.5 -15 4.0 122 -0.4 -12 4.7 143
31 Th 04:21 AM 10:16 AM 04:47 PM 10:52 PM	-0.1 -3 3.9 119 -0.3 -9 3.7 113							31 Su 05:48 AM 11:36 AM 05:52 PM	-0.3 -9 3.8 116 -0.2 -6		

July				August				September									
	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						
1 M	03:11 AM 09:31 AM 03:56 PM 10:22 PM	3.6 110 0.3 9 4.0 122 0.7 21	16 Tu	01:41 AM 08:14 AM 02:37 PM 09:05 PM	3.6 110 0.3 9 4.1 125 0.7 21	1 Th	04:34 AM 10:38 AM 05:06 PM 11:45 PM	3.2 98 0.8 24 4.1 125 0.9 27	16 F	03:39 AM 09:57 AM 04:26 PM 11:02 PM	3.5 107 0.3 9 4.7 143 0.4 12	1 Su	05:49 AM 11:47 AM 06:07 PM	3.4 104 0.9 27 4.2 128	16 M	05:50 AM 11:59 AM 06:14 PM	4.1 125 0.1 3 4.9 149
2 Tu	04:10 AM 10:23 AM 04:50 PM 11:20 PM	3.4 104 0.4 12 4.1 125 0.7 21	17 W	02:43 AM 09:12 AM 03:40 PM 10:13 PM	3.5 107 0.3 9 4.3 131 0.6 18	2 F	05:29 AM 11:29 AM 05:55 PM	3.2 98 0.7 21 4.2 128	17 Sa	04:52 AM 11:04 AM 05:30 PM	3.6 110 0.2 6 4.9 149	2 M	12:42 AM 06:34 AM 12:33 PM 06:50 PM	0.7 21 3.6 110 0.7 21 4.4 134	17 Tu	12:40 AM 06:45 AM 12:57 PM 07:07 PM	-0.1 -3 -4.4 134 -0.1 -3 5.0 152
3 W	05:06 AM 11:13 AM 05:40 PM	3.3 101 0.5 15 4.2 128	18 Th	03:53 AM 10:14 AM 04:43 PM 11:18 PM	3.5 107 0.1 3 4.6 140 0.3 9	3 Sa	12:34 AM 06:19 AM 12:17 PM 06:40 PM	0.7 21 3.3 101 0.7 21 4.3 131	18 Su	12:03 AM 05:58 AM 12:07 PM 06:29 PM	0.1 3 3.9 119 -0.1 -3 5.1 155	3 Tu	01:21 AM 07:16 AM 01:17 PM 07:29 PM	0.6 18 3.8 116 0.5 15 4.5 137	18 W	01:29 AM 07:35 AM 01:50 PM 07:56 PM	-0.3 -9 -4.7 143 -0.2 -6 5.0 152
4 Th	12:14 AM 05:59 AM 12:01 PM 06:26 PM	0.6 18 3.3 101 0.5 15 4.3 131	19 F	05:03 AM 11:17 AM 05:44 PM	3.6 110 0.0 0 4.9 149	4 Su	01:17 AM 07:04 AM 01:01 PM 07:21 PM	0.6 18 3.4 104 0.5 15 4.4 134	19 M	12:59 AM 06:57 AM 01:06 PM 07:23 PM	-0.2 -6 4.2 128 -0.3 -9 5.3 162	4 W	01:56 AM 07:55 AM 01:58 PM 08:07 PM	0.4 12 4.0 122 0.4 12 4.6 140	19 Th	02:15 AM 08:22 AM 02:40 PM 08:42 PM	-0.3 -9 -4.9 149 -0.3 -9 4.9 149
5 F	01:02 AM 06:47 AM 12:45 PM 07:08 PM	0.5 15 3.3 101 0.4 12 4.4 134	20 Sa	12:19 AM 06:08 AM 12:18 PM 06:43 PM	0.0 0 3.8 116 -0.2 -6 5.2 158	5 M	01:57 AM 07:46 AM 01:43 PM 08:00 PM	0.5 15 3.6 110 0.4 12 4.5 137	20 Tu	01:51 AM 07:51 AM 02:02 PM 08:14 PM	-0.4 -12 4.4 134 -0.4 -12 5.3 162	5 Th	02:31 AM 08:32 AM 02:38 PM 08:43 PM	0.3 9 4.2 128 0.3 9 4.6 140	20 F	03:00 AM 09:06 AM 03:28 PM 09:27 PM	-0.3 -9 -4.9 149 -0.2 -6 -4.7 143
6 Sa	01:46 AM 07:31 AM 01:28 PM 07:48 PM	0.4 12 3.4 104 0.4 12 4.5 137	21 Su	01:17 AM 07:09 AM 01:17 PM 07:38 PM	-0.3 -9 4.0 122 -0.4 -12 5.4 165	6 Tu	02:34 AM 08:26 AM 02:23 PM 08:37 PM	0.3 9 3.7 113 0.4 12 4.6 140	21 W	02:40 AM 08:42 AM 02:55 PM 09:03 PM	-0.5 -15 4.6 140 -0.4 -12 5.3 162	6 F	03:05 AM 09:09 AM 03:19 PM 09:19 PM	0.2 6 4.4 134 0.2 6 4.5 137	21 Sa	03:42 AM 09:49 AM 04:16 PM 10:10 AM	-0.2 -6 4.9 149 -0.1 -3 4.5 137
7 Su	02:27 AM 08:13 AM 02:08 PM 08:26 PM	0.3 9 3.5 107 0.4 12 4.5 137	22 M	02:11 AM 08:05 AM 02:13 PM 08:31 PM	-0.5 -15 4.2 128 -0.5 -15 5.5 168	7 W	03:09 AM 09:04 AM 03:02 PM 09:12 PM	0.3 9 3.8 116 0.3 9 4.6 140	22 Th	03:27 AM 09:30 AM 03:46 PM 09:50 PM	-0.5 -15 4.7 143 -0.4 -12 5.1 155	7 Sa	03:39 AM 09:45 AM 04:00 PM 09:55 PM	0.1 3 4.5 137 0.2 6 4.4 134	22 Su	04:24 AM 10:32 AM 05:03 PM 10:54 PM	0.0 0 4.8 146 0.2 6 4.2 128
8 M	03:05 AM 08:53 AM 02:47 PM 09:03 PM	0.3 9 3.5 107 0.4 12 4.5 137	23 Tu	03:02 AM 09:00 AM 03:09 PM 09:22 PM	-0.7 -21 4.4 134 -0.6 -18 5.4 165	8 Th	03:42 AM 09:40 AM 03:41 PM 09:47 PM	0.2 6 3.9 119 0.3 9 4.5 137	23 F	04:13 AM 10:18 AM 04:37 PM 10:37 PM	-0.4 -12 4.7 143 -0.2 -6 4.8 146	8 Su	04:15 AM 10:23 AM 04:44 PM 10:34 PM	0.1 3 4.6 140 0.3 9 4.2 128	23 M	05:06 AM 11:14 AM 05:51 PM 11:39 PM	0.3 9 4.6 140 0.5 15 3.9 119
9 Tu	03:42 AM 09:32 AM 03:26 PM 09:39 PM	0.2 6 3.6 110 0.4 12 4.5 137	24 W	03:53 AM 09:52 AM 04:03 PM 10:12 PM	-0.7 -21 4.5 137 -0.5 -15 5.3 162	9 F	04:15 AM 10:16 AM 04:21 PM 10:21 PM	0.2 6 4.0 122 0.4 12 4.4 134	24 Sa	04:58 AM 11:05 AM 05:28 PM 11:23 PM	-0.2 -6 4.6 140 0.1 3 4.4 134	9 M	04:54 AM 11:05 AM 05:32 PM 11:18 PM	0.2 6 4.6 140 0.4 12 4.0 122	24 Tu	05:49 AM 11:59 AM 06:41 PM	0.6 18 4.4 134 0.7 21
10 W	04:17 AM 10:10 AM 04:04 PM 10:14 PM	0.2 6 3.6 110 0.4 12 4.4 134	25 Th	04:42 AM 10:44 AM 04:57 PM 11:02 PM	-0.6 -18 4.5 137 -0.3 -9 5.0 152	10 Sa	04:49 AM 10:53 AM 05:03 PM 10:57 PM	0.2 6 4.1 125 0.4 12 4.2 128	25 Su	05:43 AM 11:52 AM 06:20 PM	0.0 0 4.5 137 0.4 12	10 Tu	05:38 AM 11:53 AM 06:26 PM	0.3 9 4.6 140 0.5 15	25 W	12:27 AM 06:34 AM 12:47 PM 07:35 PM	3.6 110 0.9 27 4.1 125 1.0 30
11 Th	04:51 AM 10:47 AM 04:43 PM 10:48 PM	0.2 6 3.6 110 0.5 15 4.3 131	26 F	05:30 AM 11:36 AM 05:52 PM 11:52 PM	-0.5 -15 4.4 134 0.0 0 4.6 140	11 Su	05:25 AM 11:32 AM 05:49 PM 11:37 PM	0.2 6 4.2 128 0.5 15 4.0 122	26 M	12:11 AM 06:29 AM 12:41 PM 07:14 PM	4.0 122 0.4 12 4.3 131 0.7 21	11 W	12:08 AM 06:29 AM 12:48 PM 07:27 PM	3.8 116 0.4 12 4.6 140 0.6 18	26 Th	01:20 AM 07:24 AM 01:41 PM 08:33 PM	3.3 101 1.1 34 4.0 122 1.1 34
12 F	05:24 AM 11:25 AM 05:24 PM 11:23 PM	0.3 9 3.6 110 0.6 18 4.1 125	27 Sa	06:19 AM 12:28 PM 06:48 PM	-0.2 -6 4.3 131 0.3 9	12 M	06:05 AM 12:17 PM 06:41 PM	0.3 9 4.2 128 0.6 18	27 Tu	01:02 AM 07:17 AM 01:33 PM 08:12 PM	3.7 113 0.6 18 4.1 125 0.9 27	12 Th	01:08 AM 07:29 AM 01:52 PM 08:34 PM	3.6 110 0.5 15 4.5 137 4.6 18	27 F	02:20 AM 08:21 AM 02:41 PM 09:32 PM	3.2 98 1.2 37 3.9 119 1.2 37
13 Sa	06:00 AM 12:04 PM 06:10 PM	0.3 9 3.7 113 0.7 21	28 Su	12:44 AM 07:08 AM 01:22 PM 07:47 PM	4.2 128 0.1 3 4.2 128 0.6 18	13 Tu	12:23 AM 06:52 AM 01:09 PM 07:40 PM	3.8 116 0.3 9 4.3 131 0.7 21	28 F	01:58 AM 08:09 AM 02:30 PM 09:13 PM	3.4 104 0.9 27 4.0 122 1.1 34	13 F	02:20 AM 08:37 AM 03:03 PM 09:42 PM	3.6 110 0.6 18 4.5 137 0.6 18	28 Sa	03:23 AM 09:21 AM 03:41 PM 10:27 PM	3.2 98 1.2 37 3.9 119 1.1 34
14 Su	12:02 AM 06:38 AM 12:48 PM 07:01 PM	4.0 122 0.3 9 3.8 116 0.7 21	29 M	01:38 AM 07:59 AM 02:18 PM 08:48 PM	3.8 116 0.3 9 4.1 125 0.8 24	14 Th	01:18 AM 07:46 AM 02:10 PM 08:47 PM	3.7 113 0.4 12 4.4 134 0.7 21	29 Th	02:58 AM 09:04 AM 03:30 PM 10:14 PM	3.2 98 1.0 30 3.9 119 1.1 34	14 Sa	03:36 AM 09:49 AM 04:13 PM 10:47 PM	3.6 110 0.5 15 4.7 143 0.4 12	29 Su	04:22 AM 10:19 AM 04:37 PM 11:15 PM	3.3 101 1.1 34 3.9 119 1.0 30
15 M	12:47 AM 07:23 AM 01:39 PM 08:00 PM	3.8 116 0.3 9 3.9 119 0.8 24	30 Tu	02:35 AM 08:51 AM 03:16 PM 09:50 PM	3.5 107 0.6 18 4.0 122 0.9 27	15 Th	02:25 AM 08:49 AM 03:18 PM 09:56 PM	3.5 107 0.4 12 4.5 137 0.6 18	30 F	04:00 AM 10:02 AM 04:27 PM 11:10 PM	3.2 98 1.1 34 4.0 122 1.1 34	15 Su	04:47 AM 10:57 AM 05:17 PM 11:46 PM	3.8 116 0.3 9 4.8 146 0.1 3	30 M	05:14 AM 11:13 AM 05:27 PM 11:58 PM	3.5 107 1.0 30 4.1 125 0.8 24
			31 W	03:35 AM 09:45 AM 04:13 PM 10:50 PM	3.3 101 0.7 21 4.0 122 0.9 27				31 Sa	04:58 AM 10:56 AM 05:20 PM 11:59 PM	3.3 101 1.0 30 4.1 125 0.9 27						

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 Tu	06:00 AM	3.8	116	16 W	12:17 AM	-0.1	-3	1 F	12:30 AM	0.2	6	16 Sa	12:23 AM	-0.2	-6								
	12:02 PM	0.8	24		06:30 AM	4.5	137		06:46 AM	4.4	134		06:40 AM	4.7	143	1 Su	12:28 PM	-0.3	-9				
	06:12 PM	4.2	128		12:46 PM	4.0	0		01:03 PM	0.2	6		01:09 PM	-0.1	-3		06:17 PM	3.8	116				
			06:49 PM	4.6	140	06:58 PM	4.1	125	06:59 PM	3.9	119				01:34 PM		4.4	134					
2 W	12:37 AM	0.6	18	17 Th	01:05 AM	-0.2	-6	2 Sa	01:11 AM	0.0	0	17 Su	01:05 AM	-0.1	-3	2 M	12:25 AM	-0.5	-15	17 Tu	01:20 AM	-0.1	-3
	06:42 AM	4.0	122		07:17 AM	-0.8	146		07:27 AM	4.8	146		07:19 AM	4.7	143		06:46 AM	5.0	152		07:36 AM	4.4	134
	12:48 PM	0.5	15		01:37 PM	-0.1	-3		01:50 PM	-0.1	-3		01:52 PM	-0.1	-3		01:18 PM	-0.5	-15		02:15 PM	-0.1	-3
	06:53 PM	4.3	131	07:36 PM	4.5	137	07:42 PM	4.1	125	07:41 PM	3.8	116	07:07 PM	3.9	119	08:01 PM	3.3	101					
3 Th	01:14 AM	0.4	12	18 F	01:49 AM	-0.2	-6	3 Su	01:53 AM	-0.2	-6	18 M	01:44 AM	0.0	0	3 Tu	01:15 AM	-0.6	-18	18 W	01:59 AM	0.0	0
	07:21 AM	4.3	131		08:01 AM	4.9	149		07:10 AM	5.0	152		07:57 AM	4.7	143		07:35 AM	5.2	158		08:13 AM	4.4	134
	01:31 PM	0.3	9		02:25 PM	-0.2	-6		01:37 PM	-0.3	-9		02:35 PM	0.0	0		02:09 PM	-0.7	-21		02:53 PM	-0.1	-3
	07:33 PM	4.4	134	08:20 PM	4.4	134	07:27 PM	4.1	125	08:21 PM	3.7	113	07:58 PM	3.9	119	08:40 PM	3.3	101					
4 F	01:50 AM	0.2	6	19 Sa	02:31 AM	-0.2	-6	4 M	01:37 AM	-0.3	-9	19 Tu	02:23 AM	0.1	3	4 W	02:06 AM	-0.7	-21	19 Th	02:36 AM	0.0	0
	07:59 AM	4.6	140		08:42 AM	4.9	149		07:53 AM	5.2	158		08:35 AM	4.6	140		08:25 AM	5.3	162		08:49 AM	4.3	131
	02:14 PM	0.1	3		03:10 PM	-0.1	-3		08:24 PM	-0.4	-12		03:16 PM	0.1	3		03:00 PM	-0.8	-24		03:31 PM	0.0	0
	08:12 PM	4.4	134	09:03 PM	4.3	131	08:14 PM	4.1	125	09:02 PM	3.5	107	08:51 PM	3.9	119	09:19 PM	3.2	98					
5 Sa	02:27 AM	0.0	0	20 Su	03:12 AM	0.0	0	5 Tu	02:23 AM	-0.3	-9	20 W	03:01 AM	0.3	9	5 Th	02:59 AM	-0.6	-18	20 F	03:14 AM	0.2	6
	08:37 AM	4.8	146		09:22 AM	4.9	149		08:40 AM	5.2	158		09:13 AM	4.4	134		09:16 AM	5.2	158		09:25 AM	4.2	128
	02:57 PM	0.0	0		03:55 PM	0.0	0		03:14 PM	-0.4	-12		03:56 PM	0.2	6		03:53 PM	-0.7	-21		04:07 PM	0.1	3
	08:51 PM	4.4	134	09:45 PM	4.1	125	09:03 PM	4.0	122	09:43 PM	3.4	104	09:46 PM	3.9	119	09:58 PM	3.2	98					
6 Su	03:05 AM	0.0	0	21 M	03:52 AM	0.1	3	6 W	03:12 AM	-0.3	-9	21 Th	03:39 AM	0.4	12	6 F	03:55 AM	-0.5	-15	21 Sa	03:52 AM	0.3	9
	09:17 AM	4.9	149		10:01 AM	4.7	143		09:29 AM	5.2	158		09:51 AM	4.3	131		10:10 AM	5.0	152		10:01 AM	4.0	122
	03:41 PM	0.0	0		04:38 PM	0.2	6		04:07 PM	-0.3	-9		04:38 PM	0.4	12		04:47 PM	-0.6	-18		04:44 PM	0.1	3
	09:32 PM	4.3	131	10:26 PM	3.9	119	09:56 PM	3.9	119	10:25 PM	3.2	98	10:44 PM	3.8	116	10:38 PM	3.1	94					
7 M	03:46 AM	0.0	0	22 Tu	04:31 AM	0.4	12	7 Th	04:06 AM	-0.1	-3	22 F	04:19 AM	0.6	18	7 Sa	04:54 AM	-0.3	-9	22 Su	04:32 AM	0.4	12
	09:59 AM	5.0	152		10:40 AM	4.6	140		10:23 AM	5.0	152		10:31 AM	4.1	125		11:06 AM	4.7	143		10:38 AM	3.8	116
	04:28 PM	0.0	0		05:23 PM	0.4	12		05:03 PM	-0.2	-6		05:20 PM	0.5	15		05:43 PM	-0.5	-15		05:20 PM	0.2	6
	10:16 PM	4.2	128	11:09 PM	3.6	110	10:55 PM	3.8	116	11:11 PM	3.1	94	11:46 PM	3.7	113	11:19 PM	3.1	94					
8 Tu	04:30 AM	0.0	0	23 W	05:11 AM	0.6	18	8 F	05:05 AM	0.1	3	23 Sa	05:03 AM	0.8	24	8 Su	05:58 AM	0.0	0	23 M	05:17 AM	0.6	18
	10:45 AM	5.0	152		11:21 AM	4.3	131		11:21 AM	4.8	146		11:13 AM	3.9	119		12:06 PM	4.3	131		11:17 AM	3.6	110
	05:19 PM	0.1	3		06:08 PM	0.6	18		06:02 PM	-0.1	-3		06:04 PM	0.6	18		06:41 PM	-0.4	-12		05:58 PM	0.3	9
	11:05 PM	4.0	122	11:54 PM	3.4	104																	
9 W	05:19 AM	0.2	6	24 Th	05:53 AM	0.8	24	9 Sa	12:00 AM	3.7	113	24 Su	12:00 AM	3.1	94	9 M	12:52 AM	3.7	113	24 Tu	12:05 AM	3.1	94
	11:36 AM	4.9	149		12:06 PM	4.1	125		06:10 AM	0.3	9		05:52 AM	0.9	27		07:05 AM	0.1	3		06:07 AM	0.6	18
	06:15 PM	0.2	6		06:57 PM	0.8	24		12:25 PM	4.5	137		06:49 PM	0.7	21		01:09 PM	4.0	122		12:01 PM	3.4	104
10 Th	12:01 AM	3.8	116	25 F	12:45 AM	3.2	98	10 Su	01:10 AM	3.7	113	25 M	12:53 AM	3.1	94	10 Tu	01:57 AM	3.8	116	25 W	12:55 AM	3.2	98
	06:15 AM	0.3	9		06:41 AM	1.0	30		07:20 AM	0.4	12		06:48 AM	1.0	30		08:13 AM	0.3	9		07:04 AM	0.7	21
	12:34 PM	4.7	143		12:55 PM	3.9	119		01:32 PM	4.3	131		12:51 PM	3.5	107		02:13 PM	3.8	116		12:51 PM	3.3	101
	07:16 PM	0.4	12	07:49 PM	1.0	30	08:06 PM	0.1	3	07:37 PM	0.6	18	08:37 PM	-0.2	-6	07:28 PM	0.3	9					
11 F	01:05 AM	3.6	110	26 Sa	01:41 AM	3.1	94	11 M	02:20 AM	3.8	116	26 Tu	01:49 AM	3.2	98	11 W	03:01 AM	3.9	119	26 Th	01:50 AM	3.4	104
	07:19 AM	0.5	15		07:35 AM	1.2	37		08:31 AM	0.4	12		07:49 AM	1.0	30		09:19 AM	0.3	9		08:07 AM	0.6	18
	01:39 PM	4.6	140		01:49 PM	3.8	116		02:39 PM	4.2	128		01:47 PM	3.4	104		03:16 PM	3.6	110		01:50 PM	3.2	98
	08:21 PM	0.4	12	08:43 PM	1.0	30	09:06 PM	0.0	0	08:25 PM	0.6	18	09:33 PM	-0.1	-3	08:21 PM	0.2	6					
12 Sa	02:18 AM	3.6	110	27 Su	02:41 AM	3.1	94	12 Tu	03:24 AM	4.0	122	27 W	02:44 AM	3.4	104	12 Th	03:58 AM	4.0	122	27 F	02:48 AM	3.6	110
	08:30 AM	0.6	18		08:35 AM	1.2	37		09:37 AM	0.3	9		08:50 AM	0.8	24		10:21 AM	0.2	6		09:12 AM	0.5	15
	02:49 PM	4.5	137		02:48 PM	3.7	113		03:41 PM	4.1	125		02:44 PM	3.4	104		04:14 PM	3.5	107		09:54 PM	3.1	94
	09:27 PM	0.4	12	09:35 PM	1.0	30	10:01 PM	0.0	0	09:13 PM	0.4	12	10:25 PM	-0.1	-3	09:17 PM	0.0	0					
13 Su	03:32 AM	3.7	113	28 M	03:40 AM	3.3	101	13 W	04:21 AM	4.2	128	28 Th	03:35 AM	3.7	113	13 F	04:50 AM	4.1	125	28 Sa	03:46 AM	4.0	122
	09:42 AM	0.5	15		09:36 AM	1.1	34		10:38 AM	0.2	6		09:49 AM	0.6	18		11:16 AM	0.1	3		10:14 AM	0.2	6
	03:58 PM	4.5	137		03:45 PM	3.7	113		04:37 PM	4.0	122		03:40 PM	3.5	107		05:07 PM	3.4	104		03:58 PM	3.2	98
	10:29 PM	0.2	6	10:23 PM	0.8	24	10:52 PM	-0.1	-3	10:01 PM	0.2	6	11:13 PM	-0.1	-3	10:13 PM	-0.2	-6					
14 M	04:39 AM	4.0	122	29 Tu	04:33 AM	3.5	107	14 Th	05:12 AM	4.4	134	29 F	04:24 AM	4.1	125	14 Sa	05:37 AM	4.3	131	29 Su	04:41 AM	4.3	131
	10:49 AM	0.4	12		10:34 AM	1.0	30		11:33 AM	0.1	3		10:44 AM	0.3	9		12:06 PM	0.0	0		11:12 AM	-0.1	-3
	05:01 PM	4.5	137		04:39 PM	3.8	116		05:29 PM	4.0	122		04:34 PM	3.5	107		05:55 PM	3.4	104		04:58 PM	3.3	101
	11:26 PM	0.1	3	11:08 PM	0.6	18	11:39 PM	-0.2	-6	11:39 PM	-0.2	-6	11:58 PM	-0.1	-3	11:09 PM	-0.5	-15					
15 Tu	05:38 AM	4.3	131	30 W	05:20 AM	3.8	116	15 F	05:58 AM	4.6	140	30 Sa	05:12 AM	4.4	134	15 Su	06:19 AM	4.3	131	30 M	05:35 AM	4.7	143
	11:50 AM	0.2	6		11:27 AM	0.7	21		12:23 PM	-0.1	-3		11:37 AM	0.0	0		12:52 PM	-0.1	-3		12:08 PM	-0.5	-15
	05:57 PM	4.6	140		05:28 PM	3.9	119		06:15 PM	3.9	119		05:26 PM	3.7	113		06:39 PM	3.4	104				