



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, 2012

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	h m	ft		h m	ft	h m	ft		h m	ft	h m	ft		
1 Su	01:26 AM 07:48 AM 01:35 PM 07:59 PM	3.3 0.7 3.1 0.4	101 21 94 12	16 M	12:55 AM 07:20 AM 01:06 PM 07:37 PM	3.8 0.1 3.4 -0.3	116 3 104 -9	1 W	02:19 AM 09:01 AM 02:41 PM 08:44 PM	3.3 0.8 2.6 0.5	101 24 79 15	16 Th	02:53 AM 09:27 AM 03:22 PM 09:32 PM	4.1 0.1 3.1 0.0	125 3 94 0	
2 M	02:20 AM 08:49 AM 02:32 PM 08:47 PM	3.3 0.8 2.9 0.4	101 24 88 12	17 Tu	02:01 AM 08:31 AM 02:17 PM 08:40 PM	3.9 0.1 3.2 -0.2	119 3 98 -6	2 Th	03:18 AM 10:01 AM 03:43 PM 09:40 PM	3.4 0.7 2.6 0.4	104 21 79 12	17 F	04:01 AM 10:33 AM 04:31 PM 10:37 PM	4.1 0.0 3.2 -0.1	125 0 98 -3	
3 Tu	03:14 AM 09:47 AM 03:29 PM 09:36 PM	3.4 0.7 2.8 0.4	104 21 85 12	18 W	03:09 AM 09:40 AM 03:30 PM 09:44 PM	4.1 0.0 3.1 -0.3	125 0 94 -9	3 F	04:14 AM 10:54 AM 04:39 PM 10:33 PM	3.6 0.5 2.7 0.3	110 15 82 9	18 Sa	05:01 AM 11:30 AM 05:30 PM 11:35 PM	4.3 -0.2 3.4 -0.3	131 -6 104 -9	
4 W	04:05 AM 10:41 AM 04:23 PM 10:23 PM	3.6 0.6 2.8 0.3	110 18 85 9	19 Th	04:13 AM 10:45 AM 04:38 PM 10:46 PM	4.3 -0.2 3.2 -0.4	131 -6 98 -12	4 Sa	05:04 AM 11:42 AM 05:30 PM 11:24 PM	3.8 0.3 2.9 0.0	116 9 88 0	19 Su	05:54 AM 12:21 PM 06:21 PM	4.4 -0.3 3.6	134 -9 110	
5 Th	04:53 AM 11:30 AM 05:13 PM 11:09 PM	3.8 0.4 2.9 0.2	116 12 88 6	20 F	05:13 AM 11:44 AM 05:38 PM 11:44 PM	4.5 -0.4 3.3 -0.5	137 -12 101 -15	5 Su	05:50 AM 12:24 PM 06:15 PM	4.1 0.0 3.2	125 0 98	20 M	12:28 AM 06:42 AM 01:07 PM 07:07 PM	-0.4 -1.4 -0.5 3.7	-12 134 -15 113	
6 F	05:38 AM 12:15 PM 06:00 PM 11:53 PM	4.0 0.2 3.0 0.0	122 6 91 0	21 Sa	06:07 AM 12:38 PM 06:33 PM	4.6 -0.6 3.5	140 -18 107	6 M	12:11 AM 06:33 AM 01:05 PM 06:58 PM	-0.2 -4.3 -0.3 3.4	-6 131 -9 104	21 Tu	01:15 AM 07:25 AM 01:49 PM 07:48 PM	-0.5 4.4 -0.5 3.8	-15 134 -15 116	
7 Sa	06:20 AM 12:56 PM 06:43 PM	4.2 0.0 3.1	128 0 94	22 Su	12:38 AM 06:57 AM 01:27 PM 07:23 PM	-0.6 4.7 -0.7 3.6	-18 143 -21 110	7 Tu	12:57 AM 07:14 AM 01:44 PM 07:40 PM	-0.4 4.5 -0.5 3.7	-12 137 -15 113	22 W	02:00 AM 08:05 AM 02:28 PM 08:28 PM	-0.5 4.4 -0.5 3.9	-15 134 -15 119	
8 Su	12:36 AM 07:00 AM 01:36 PM 07:24 PM	-0.1 4.3 -0.2 3.2	-3 131 -6 98	23 M	01:29 AM 07:43 AM 02:13 PM 08:09 PM	-0.7 4.7 -0.7 3.7	-21 143 -21 113	8 W	01:43 AM 07:55 AM 02:24 PM 08:22 PM	-0.6 4.5 -0.7 3.9	-18 137 -21 119	23 Th	02:42 AM 08:43 AM 03:05 PM 09:04 PM	-0.4 4.2 -0.4 3.9	-12 128 -12 119	
9 M	01:18 AM 07:38 AM 02:14 PM 08:05 PM	-0.3 4.4 -0.4 3.3	-9 134 -9 101	24 Tu	02:17 AM 08:27 AM 02:56 PM 08:53 PM	-0.6 4.6 -0.7 3.7	-18 140 -21 113	9 Th	02:29 AM 08:36 AM 03:05 PM 09:05 PM	-0.7 4.5 -0.8 4.1	-21 137 -24 125	24 F	03:23 AM 09:20 AM 03:40 PM 09:40 PM	-0.2 4.0 -0.2 3.9	-6 122 -6 119	
10 Tu	02:01 AM 08:17 AM 02:53 PM 08:45 PM	-0.4 4.5 -0.4 3.5	-12 137 -12 107	25 W	03:02 AM 09:09 AM 03:38 PM 09:35 PM	-0.5 4.4 -0.6 3.7	-15 134 -18 113	10 F	03:17 AM 09:19 AM 03:47 PM 09:51 PM	-0.7 4.4 -0.8 4.2	-21 134 -24 128	25 Sa	04:03 AM 09:57 AM 04:14 PM 10:16 PM	-0.1 3.8 -0.1 3.8	-3 116 -3 116	
11 W	02:44 AM 08:56 AM 03:32 PM 09:27 PM	-0.4 4.5 -0.5 3.6	-12 137 -15 110	26 Th	03:47 AM 09:49 AM 04:17 PM 10:16 PM	-0.3 4.2 -0.4 3.6	-9 128 -12 110	11 Sa	04:08 AM 10:04 AM 04:32 PM 10:40 PM	-0.6 4.2 -0.7 4.2	-18 128 -21 128	26 Su	04:43 AM 10:34 AM 04:48 PM 10:54 PM	0.2 3.5 0.1 3.7	6 107 3 113	
12 Th	03:30 AM 09:37 AM 04:13 PM 10:12 PM	-0.4 4.4 -0.5 3.6	-12 134 -6 110	27 F	04:32 AM 10:29 AM 04:56 PM 10:58 PM	-0.1 3.8 -0.2 3.5	-3 116 -6 107	12 Su	05:02 AM 10:54 AM 05:21 PM 11:34 PM	-0.4 3.9 -0.5 4.2	-12 119 -15 128	27 M	05:26 AM 11:13 AM 05:24 PM 11:36 PM	0.4 3.2 0.3 3.5	12 98 9 107	
13 F	04:20 AM 10:21 AM 04:57 PM 11:00 PM	-0.3 4.2 -0.5 3.7	-9 128 -15 113	28 Sa	05:17 AM 11:10 AM 05:35 PM 11:41 PM	0.2 3.5 0.0 3.4	6 107 0 104	13 M	06:01 AM 11:49 AM 06:15 PM	-0.2 3.6 -0.3	-6 110 -9	28 Tu	06:14 AM 11:57 AM 06:05 PM	0.6 2.9 0.5	18 88 15	
14 Sa	05:14 AM 11:09 AM 05:45 PM 11:55 PM	-0.2 3.9 -0.4 3.8	-6 119 -12 116	29 Su	06:05 AM 11:54 AM 06:15 PM	0.5 3.2 0.2	15 98 6	14 Tu	12:34 AM 07:07 AM 12:53 PM 07:17 PM	4.1 0.0 3.3 -0.2	125 0 101 -6	29 W	12:24 AM 07:08 AM 12:50 PM 06:54 PM	3.4 0.8 2.7 0.6	104 24 82 18	
15 Su	06:14 AM 12:03 PM 06:38 PM	0.0 3.6 -0.3	0 110 -9	30 M	12:28 AM 06:59 AM 12:42 PM 06:59 PM	3.3 0.7 2.9 0.4	101 21 88 12	15 W	01:42 AM 08:17 AM 02:07 PM 08:24 PM	4.0 0.1 3.1 0.0	122 3 94 0	15 Th	02:25 AM 09:03 AM 03:00 PM 09:12 PM	4.2 0.2 3.2 0.6	128 6 98 6	
				31 Tu	01:20 AM 07:58 AM 01:38 PM 07:49 PM	3.3 0.8 2.7 0.5	101 24 82 15									
													16 F	03:36 AM 10:11 AM 04:14 PM 10:21 PM	4.1 0.2 3.2 0.3	125 6 98 9
													17 Sa	04:44 AM 11:14 AM 05:20 PM 11:26 PM	4.1 0.1 3.3 0.2	125 3 101 6
													18 Su	05:44 AM 12:09 PM 06:16 PM	4.1 0.0 3.6	125 0 110
													19 M	12:23 AM 06:35 AM 12:57 PM 07:03 PM	0.0 4.2 -0.1 3.8	0 128 -3 116
													20 Tu	01:13 AM 07:21 AM 01:40 PM 07:45 PM	-0.1 4.2 -0.2 4.0	-3 128 -6 122
													21 W	01:59 AM 08:02 AM 02:19 PM 08:23 PM	-0.2 4.2 -0.2 4.1	-6 128 -6 125
													22 Th	02:41 AM 08:40 AM 02:55 PM 08:59 PM	-0.2 4.1 -0.2 4.2	-6 125 -6 128
													23 F	03:21 AM 09:17 AM 03:29 PM 09:33 PM	-0.2 4.0 -0.1 4.2	-6 122 -3 128
													24 Sa	03:59 AM 09:52 AM 04:02 PM 10:07 PM	-0.1 3.9 0.0 4.2	-3 119 0 128
													25 Su	04:37 AM 10:28 AM 04:35 PM 10:41 PM	0.0 3.7 0.2 4.1	0 113 6 125
													26 M	05:15 AM 11:04 AM 05:07 PM 11:17 PM	0.2 3.4 0.3 4.0	6 104 9 122
													27 Tu	05:55 AM 11:42 AM 05:43 PM 11:55 PM	0.4 3.2 0.5 3.8	12 98 15 116
													28 W	06:38 AM 12:24 PM 06:23 PM	0.6 3.0 0.6	18 91 18
													29 Th	12:39 AM 07:28 AM 01:13 PM 07:12 PM	3.7 0.8 2.9 0.8	113 24 88 24
													30 F	01:31 AM 08:24 AM 02:12 PM 08:11 PM	3.6 0.9 2.8 0.8	110 27 85 24
													31 Sa	02:32 AM 09:24 AM 03:19 PM 09:17 PM	3.6 0.8 2.9 0.8	110 24 88 24

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 Su	12:23 AM -0.1 -3 06:11 AM 3.7 113 12:21 PM -0.3 -9 06:46 PM 5.2 158	16 M	01:02 AM 0.7 21 06:46 AM 3.2 98 12:39 PM 0.5 15 07:05 PM 4.4 134	1 W	01:59 AM -0.3 -9 07:56 AM 4.1 125 02:02 PM -0.2 -6 08:18 PM 5.2 158	16 Th	01:48 AM 0.4 12 07:43 AM 3.8 116 01:40 PM 0.3 9 07:56 PM 4.7 143	1 Sa	03:05 AM -0.1 -3 09:07 AM 4.5 137 03:23 PM 0.0 0 09:24 PM 4.7 143	16 Su	02:28 AM -0.1 -3 08:34 AM 4.8 146 02:49 PM -0.2 -6 08:49 PM 4.8 146			
2 M	01:21 AM -0.3 -9 07:12 AM 3.8 116 01:18 PM -0.4 -12 07:41 PM 5.3 162	17 Tu	01:44 AM 0.5 15 07:30 AM 3.4 104 01:22 PM 0.4 12 07:46 PM 4.6 140	2 Th	02:48 AM -0.4 -12 08:45 AM 4.2 128 02:53 PM -0.2 -6 09:05 PM 5.1 155	17 F	02:26 AM 0.2 6 08:23 AM 4.0 122 02:24 PM 0.1 3 08:35 PM 4.8 146	2 Su	03:44 AM 0.0 0 09:47 AM 4.5 137 04:07 PM 0.2 6 10:03 PM 4.5 137	17 M	03:09 AM -0.3 -9 09:17 AM 5.0 152 03:37 PM -0.2 -6 09:33 PM 4.7 143			
3 Tu	02:15 AM -0.5 -15 08:08 AM 4.0 122 02:14 PM -0.4 -12 08:33 PM 5.4 165	18 W	02:24 AM 0.3 9 08:13 AM 3.5 107 02:05 PM 0.3 9 08:25 PM 4.7 143	3 F	03:34 AM -0.4 -12 09:32 AM 4.3 131 03:43 PM -0.1 -3 09:49 PM 5.0 152	18 Sa	03:03 AM 0.0 0 09:03 AM 4.3 131 03:09 PM 0.0 0 09:14 PM 4.8 146	3 M	04:22 AM 0.1 3 10:26 AM 4.4 134 04:50 PM 0.4 12 10:43 PM 4.2 128	18 Tu	03:52 AM -0.3 -9 10:02 AM 5.1 155 04:28 PM -0.2 -6 10:20 PM 4.5 137			
4 W	03:07 AM -0.6 -18 09:02 AM 4.1 125 03:08 PM -0.4 -12 09:23 PM 5.3 162	19 Th	03:01 AM 0.2 6 08:53 AM 3.6 110 02:46 PM 0.2 6 09:02 PM 4.7 143	4 Sa	04:17 AM -0.3 -9 10:17 AM 4.3 131 04:31 PM 0.0 0 10:33 PM 4.7 143	19 Su	03:42 AM -0.1 -3 09:44 AM 4.4 134 03:54 PM 0.0 0 09:55 PM 4.7 143	4 Tu	04:59 AM 0.3 9 11:04 AM 4.3 131 05:34 PM 0.6 18 11:22 PM 3.9 119	19 W	04:38 AM -0.2 -6 10:51 AM 5.1 155 05:21 PM 0.0 0 11:10 PM 4.2 128			
5 Th	03:57 AM -0.6 -18 09:54 AM 4.1 125 04:00 PM -0.3 -9 10:12 PM 5.1 155	20 F	03:38 AM 0.1 3 09:32 AM 3.8 116 03:28 PM 0.2 6 09:40 PM 4.7 143	5 Su	04:59 AM -0.1 -3 11:01 AM 4.2 128 05:18 PM 0.3 9 11:15 PM 4.4 134	20 M	04:21 AM -0.2 -6 10:27 AM 4.6 140 04:43 PM 0.0 0 10:38 PM 4.5 137	5 W	05:36 AM 0.6 18 11:44 AM 4.2 128 06:19 PM 0.8 24	20 Th	05:28 AM 0.0 0 11:44 AM 5.0 152 06:19 PM 0.2 6			
6 F	04:46 AM -0.5 -15 10:44 AM 4.1 125 04:52 PM -0.1 -3 11:00 PM 4.8 146	21 Sa	04:14 AM 0.0 0 10:12 AM 3.9 119 04:12 PM 0.2 6 10:18 PM 4.6 140	6 M	05:40 AM 0.1 3 11:45 AM 4.1 125 06:06 PM 0.5 15 11:58 PM 4.0 122	21 Tu	05:04 AM -0.1 -3 11:12 AM 4.6 140 05:34 PM 0.1 3 11:24 PM 4.3 131	6 Th	12:04 AM 3.6 110 06:14 AM 0.8 24 12:27 PM 4.1 125 07:08 PM 1.1 34	21 F	12:06 AM 4.0 122 06:23 AM 0.2 6 12:43 PM 4.8 146 07:22 PM 0.4 12			
7 Sa	05:33 AM -0.3 -9 11:34 AM 4.0 122 05:45 PM 0.2 6 11:47 PM 4.5 137	22 Su	04:52 AM 0.0 0 10:53 AM 4.0 122 04:58 PM 0.2 6 10:58 PM 4.5 137	7 Tu	06:21 AM 0.4 12 12:29 PM 4.0 122 06:56 PM 0.8 24	22 W	05:50 AM 0.0 0 12:03 PM 4.7 143 06:31 PM 0.3 9	7 F	12:51 AM 3.4 104 06:57 AM 1.0 30 01:16 PM 3.9 119 08:03 PM 1.2 37	22 Sa	01:11 AM 3.7 113 07:26 AM 0.4 12 01:50 PM 4.7 143 08:29 PM 0.5 15			
8 Su	06:19 AM -0.1 -3 12:24 PM 3.9 119 06:38 PM 0.4 12	23 M	05:32 AM 0.0 0 11:36 AM 4.1 125 05:48 PM 0.3 9 11:42 PM 4.3 131	8 W	12:43 AM 3.7 113 07:03 AM 0.6 18 01:16 PM 3.9 119 07:49 PM 1.0 30	23 Th	12:16 AM 4.0 122 06:41 AM 0.1 3 01:00 PM 4.6 140 07:33 PM 0.5 15	8 Sa	01:45 AM 3.2 98 07:46 AM 1.1 34 02:12 PM 3.9 119 09:03 PM 1.3 40	23 Su	02:24 AM 3.6 110 08:36 AM 0.6 18 03:00 PM 4.6 140 09:37 PM 0.5 15			
9 M	12:35 AM 4.1 125 07:05 AM 0.2 6 01:15 PM 3.8 116 07:33 PM 0.7 21	24 Tu	06:15 AM 0.0 0 12:25 PM 4.2 128 06:43 PM 0.4 12	9 Th	01:32 AM 3.4 104 07:47 AM 0.8 24 02:08 PM 3.8 116 08:47 PM 1.2 37	24 F	01:17 AM 3.8 116 07:40 AM 0.3 9 02:04 PM 4.6 140 08:41 PM 0.6 18	9 Su	02:47 AM 3.1 94 08:43 AM 1.2 37 03:13 PM 3.9 119 10:03 PM 1.3 40	24 M	03:39 AM 3.6 110 09:46 AM 0.6 18 04:09 PM 4.5 137 10:41 PM 0.4 12			
10 Tu	01:24 AM 3.8 116 07:51 AM 0.4 12 02:07 PM 3.8 116 08:30 PM 0.9 27	25 W	12:31 AM 4.1 125 07:04 AM 0.1 3 01:20 PM 4.3 131 07:45 PM 0.5 15	10 F	02:26 AM 3.2 98 08:36 AM 0.9 27 03:04 PM 3.8 116 09:47 PM 1.2 37	25 Sa	02:27 AM 3.6 110 08:45 AM 0.4 12 03:13 PM 4.6 140 09:50 PM 0.6 18	10 M	03:51 AM 3.1 94 09:44 AM 1.1 34 04:13 PM 4.0 122 10:57 PM 1.1 34	25 Tu	04:47 AM 3.8 116 10:53 AM 0.5 15 05:11 PM 4.6 140 11:38 PM 0.3 9			
11 W	02:16 AM 3.5 107 08:39 AM 0.6 18 03:00 PM 3.8 116 09:30 PM 1.0 30	26 Th	01:27 AM 3.8 116 07:58 AM 0.1 3 02:21 PM 4.4 134 08:52 PM 0.5 15	11 Sa	03:27 AM 3.1 94 09:29 AM 1.0 30 04:01 PM 3.9 119 10:46 PM 1.2 37	26 Su	03:42 AM 3.5 107 09:54 AM 0.4 12 04:22 PM 4.7 143 10:57 PM 0.4 12	11 Tu	04:49 AM 3.3 101 10:43 AM 1.0 30 05:07 PM 4.2 128 11:45 PM 0.9 27	26 W	05:46 AM 4.0 122 11:53 AM 0.4 12 06:06 PM 4.6 140			
12 Th	03:12 AM 3.3 101 09:27 AM 0.7 21 03:53 PM 3.8 116 10:29 PM 1.0 30	27 F	02:33 AM 3.6 110 08:59 AM 0.2 6 03:27 PM 4.5 137 10:01 PM 0.5 15	12 Su	04:28 AM 3.1 94 10:25 AM 1.0 30 04:57 PM 4.0 122 11:40 PM 1.0 30	27 M	04:54 AM 3.6 110 11:01 AM 0.3 9 05:26 PM 4.8 146 11:57 PM 0.3 9	12 W	05:41 AM 3.5 107 11:37 AM 0.8 24 05:56 PM 4.4 134	27 Th	12:29 AM 0.2 6 06:36 AM 4.2 128 12:47 PM 0.2 6 06:54 PM 4.6 140			
13 F	04:09 AM 3.1 94 10:16 AM 0.8 24 04:46 PM 3.9 119 11:25 PM 0.9 27	28 Sa	03:45 AM 3.5 107 10:03 AM 0.2 6 04:33 PM 4.7 143 11:08 PM 0.3 9	13 M	05:24 AM 3.2 98 11:18 AM 0.8 24 05:47 PM 4.2 128	28 Tu	05:56 AM 3.8 116 12:02 PM 0.2 6 06:22 PM 4.9 149	13 Th	12:28 AM 3.6 116 06:27 AM 0.8 18 12:27 PM 0.5 15 06:41 PM 4.6 140	28 F	01:14 AM 0.1 3 07:21 AM 4.4 134 01:35 PM 0.1 3 07:38 PM 4.6 140			
14 Sa	05:05 AM 3.1 94 11:05 AM 0.7 21 05:35 PM 4.1 125	29 Su	04:57 AM 3.5 107 11:08 AM 0.1 3 05:36 PM 4.9 149	14 Tu	12:27 AM 0.8 24 06:15 AM 3.3 101 11:18 AM 0.8 24 12:08 PM 4.4 134	29 W	12:51 AM 0.1 3 06:51 AM 4.1 125 12:58 PM 0.1 3 07:13 PM 5.0 152	14 F	01:08 AM 0.3 9 07:10 AM 4.2 128 01:15 PM 0.2 6 07:24 PM 4.7 143	29 Sa	01:55 AM 0.0 0 08:02 AM 4.6 140 02:20 PM 0.1 3 08:18 PM 4.5 137			
15 Su	12:16 AM 0.8 24 05:57 AM 3.1 94 11:53 AM 0.6 18 06:22 PM 4.2 128	30 M	12:10 AM 0.1 3 06:03 AM 3.7 113 12:10 PM 0.0 0 06:34 PM 5.0 152	15 W	01:09 AM 0.6 18 07:00 AM 3.6 110 12:55 PM 0.5 15 07:15 PM 4.6 140	30 Th	01:39 AM -0.1 -3 07:40 AM 4.3 131 01:50 PM 0.0 0 08:00 PM 5.0 152	15 Sa	01:48 AM 0.1 3 07:52 AM 4.5 137 02:02 PM 0.0 0 08:06 PM 4.8 146	30 Su	02:33 AM 0.1 3 08:40 AM 4.6 140 03:03 PM 0.1 3 08:57 PM 4.4 134			
		31 Tu	01:07 AM -0.1 -3 07:02 AM 3.9 119 01:08 PM -0.2 -6 07:28 PM 5.2 158			31 F	02:23 AM -0.1 -3 08:25 AM 4.4 134 02:38 PM 0.0 0 08:43 PM 4.9 149							

October					November					December				
Time	Height	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
1 M	03:10 AM 0.2 6 09:16 AM 4.6 140 03:43 PM 0.2 6 09:35 PM 4.2 128	16 Tu	02:40 AM -0.4 -12 08:53 AM 5.4 165 03:22 PM -0.5 -15 09:14 PM 4.5 137		1 Th	03:46 AM 0.4 12 09:58 AM 4.5 137 04:40 PM 0.4 12 10:25 PM 3.5 107	16 F	03:00 AM -0.6 -18 09:18 AM 5.4 165 03:55 PM -0.6 -18 09:47 PM 4.0 122	1 Sa	02:55 AM 0.3 9 09:11 AM 4.3 131 03:55 PM 0.2 6 09:42 PM 3.2 98	16 Su	03:42 AM -0.6 -18 09:56 AM 4.9 149 04:31 PM -0.7 -21 10:29 PM 3.8 116		
2 Tu	03:45 AM 0.3 9 09:52 AM 4.6 140 04:24 PM 0.4 12 10:13 PM 4.0 122	17 W	03:27 AM -0.4 -12 09:42 AM 5.4 165 04:14 PM -0.4 -12 10:04 PM 4.3 131		2 F	04:21 AM 0.6 18 10:35 AM 4.4 134 05:19 PM 0.6 18 11:05 PM 3.3 101	17 Sa	03:56 AM -0.3 -9 10:13 AM 5.1 155 04:52 PM -0.4 -12 10:47 PM 3.8 116	2 Su	03:33 AM 0.4 12 09:47 AM 4.2 128 04:32 PM 0.3 9 10:22 PM 3.1 94	17 M	04:39 AM -0.3 -9 10:49 AM 4.6 140 05:24 PM -0.5 -15 11:27 PM 3.7 113		
3 W	04:19 AM 0.5 15 10:28 AM 4.5 137 05:04 PM 0.6 18 10:51 PM 3.7 113	18 Th	04:17 AM -0.3 -9 10:33 AM 5.3 162 05:09 PM -0.3 -9 10:59 PM 4.1 125		3 Sa	04:58 AM 0.7 21 11:13 AM 4.2 128 06:01 PM 0.7 21 11:47 PM 3.2 98	18 Su	04:55 AM -0.1 -3 11:11 AM 4.8 146 05:50 PM -0.2 -6 11:50 PM 3.7 113	3 M	04:13 AM 0.5 15 10:25 AM 4.0 122 05:11 PM 0.4 12 11:05 PM 3.1 94	18 Tu	05:38 AM -0.1 -3 11:44 AM 4.2 128 06:18 PM -0.3 -9		
4 Th	04:54 AM 0.7 21 11:05 AM 4.3 131 05:47 PM 0.8 24 11:31 PM 3.5 107	19 F	05:10 AM -0.1 -3 11:28 AM 5.2 158 06:07 PM -0.1 -3 11:58 PM 3.9 119		4 Su	04:39 AM 0.8 24 10:54 AM 4.1 125 05:46 PM 0.8 24 11:35 PM 3.1 94	19 M	05:59 AM 0.2 6 12:12 PM 4.4 134 06:49 PM 0.0 0	4 Tu	04:59 AM 0.6 18 11:06 AM 3.9 119 05:53 PM 0.4 12 11:52 PM 3.1 94	19 W	12:26 AM 3.6 110 06:40 AM 0.2 6 12:41 PM 3.8 116 07:11 PM -0.1 -3		
5 F	05:31 AM 0.9 27 11:45 AM 4.2 128 06:32 PM 1.0 30	20 Sa	06:09 AM 0.1 3 12:28 PM 4.9 149 07:09 PM 0.1 3		5 M	05:26 AM 1.0 30 11:40 AM 3.9 119 06:34 PM 0.8 24	20 Tu	12:57 AM 3.6 110 07:06 AM 0.4 12 01:15 PM 4.1 125 07:48 PM 0.1 3	5 W	05:51 AM 0.7 21 11:52 AM 3.7 113 06:39 PM 0.3 9	20 Th	01:27 AM 3.5 107 07:43 AM 0.4 12 01:39 PM 3.5 107 08:05 PM 0.1 3		
6 Sa	12:16 AM 3.3 101 06:13 AM 1.0 30 12:31 PM 4.0 122 07:23 PM 1.1 34	21 Su	01:04 AM 3.7 113 07:14 AM 0.4 12 01:33 PM 4.6 140 08:13 PM 0.3 9		6 Tu	12:29 AM 3.1 94 06:22 AM 1.0 30 12:33 PM 3.8 116 07:25 PM 0.8 24	21 W	02:03 AM 3.6 110 08:13 AM 0.5 15 02:18 PM 3.9 119 08:46 PM 0.2 6	6 Th	12:46 AM 3.2 98 06:52 AM 0.7 21 12:46 PM 3.6 110 07:29 PM 0.2 6	21 F	02:26 AM 3.5 107 08:47 AM 0.5 15 02:38 PM 3.2 98 08:58 PM 0.2 6		
7 Su	01:08 AM 3.1 94 07:02 AM 1.2 37 01:23 PM 3.9 119 08:18 PM 1.2 37	22 M	02:16 AM 3.6 110 08:24 AM 0.6 18 02:42 PM 4.4 134 09:17 PM 0.3 9		7 W	01:28 AM 3.2 98 07:25 AM 1.0 30 01:32 PM 3.8 116 08:17 PM 0.7 21	22 Th	03:05 AM 3.7 113 09:18 AM 0.5 15 03:18 PM 3.7 113 09:39 PM 0.2 6	7 F	01:45 AM 3.5 107 07:57 AM 0.6 18 01:47 PM 3.5 107 08:23 PM 0.1 3	22 Sa	03:23 AM 3.6 110 09:48 AM 0.5 15 03:36 PM 3.1 94 09:48 PM 0.2 6		
8 M	02:08 AM 3.1 94 08:00 AM 1.2 37 02:22 PM 3.9 119 09:15 PM 1.1 34	23 Tu	03:27 AM 3.7 113 09:34 AM 0.6 18 03:48 PM 4.3 131 10:18 PM 0.3 9		8 Th	02:28 AM 3.4 104 08:30 AM 0.9 27 02:32 PM 3.8 116 09:09 PM 0.5 15	23 F	04:00 AM 3.9 119 10:17 AM 0.5 15 04:12 PM 3.6 110 10:27 PM 0.2 6	8 Sa	02:44 AM 3.8 116 09:04 AM 0.4 12 02:51 PM 3.5 107 09:19 PM -0.1 -3	23 Su	04:14 AM 3.7 113 10:44 AM 0.4 12 04:29 PM 3.0 91 10:35 PM 0.2 6		
9 Tu	03:11 AM 3.1 94 09:04 AM 1.2 37 03:23 PM 3.9 119 10:09 PM 1.0 30	24 W	04:32 AM 3.8 116 10:40 AM 0.6 18 04:49 PM 4.2 128 11:12 PM 0.3 9		9 F	03:23 AM 3.7 113 09:33 AM 0.6 18 03:31 PM 3.9 119 09:59 PM 0.2 6	24 Sa	04:48 AM 4.0 122 11:10 AM 0.4 12 05:01 PM 3.5 107 11:11 PM 0.2 6	9 Su	03:43 AM 4.1 125 10:48 AM 0.1 3 03:55 PM 3.6 110 10:15 PM -0.3 -9	24 M	05:00 AM 3.8 116 11:34 AM 0.3 9 05:18 PM 3.0 91 11:19 PM 0.2 6		
10 W	04:10 AM 3.4 104 10:06 AM 1.0 30 04:21 PM 4.0 122 10:57 PM 0.8 24	25 Th	05:27 AM 4.0 122 11:39 AM 0.5 15 05:42 PM 4.2 128		10 Sa	04:16 AM 4.2 128 10:32 AM 0.3 9 04:27 PM 4.0 122 10:48 PM -0.1 -3	25 Su	05:31 AM 4.2 128 11:58 AM 0.3 9 05:46 PM 3.5 107 11:52 PM 0.2 6	10 M	04:39 AM 4.5 137 11:08 AM -0.2 -6 04:56 PM 3.6 110 11:10 PM -0.5 -15	25 Tu	05:43 AM 4.0 122 12:19 PM 0.2 6 06:03 PM 3.1 94		
11 Th	05:03 AM 3.7 113 11:05 AM 0.7 21 05:14 PM 4.2 128 11:43 PM 0.5 15	26 F	12:01 AM 0.2 6 06:15 AM 4.2 128 12:31 PM 0.3 9 06:30 PM 4.1 125		11 Su	05:06 AM 4.6 140 11:28 AM -0.1 -3 05:21 PM 4.1 125 11:37 PM -0.4 -12	26 M	06:10 AM 4.3 131 12:41 PM 0.2 6 06:28 PM 3.5 107	11 Tu	05:34 AM 4.9 149 12:05 PM -0.5 -15 05:54 PM 3.8 116	26 W	12:01 AM 0.1 3 06:23 AM 4.1 125 01:00 PM 0.1 3 06:45 PM 3.1 94		
12 F	05:51 AM 4.1 125 11:59 AM 0.4 12 06:04 PM 4.4 134	27 Sa	12:44 AM 0.2 6 06:58 AM 4.4 134 01:18 PM 0.2 6 07:13 PM 4.1 125		12 M	05:55 AM 5.0 152 12:22 PM -0.4 -12 06:13 PM 4.2 128	27 Tu	12:30 AM 0.1 3 06:47 AM 4.4 134 01:22 PM 0.1 3 07:08 PM 3.5 107	12 W	12:04 AM -0.7 -21 06:27 AM 5.2 158 01:00 PM -0.8 -24 06:50 PM 3.9 119	27 Th	12:41 AM 0.0 0 07:01 AM 4.2 128 01:40 PM 0.0 0 07:25 PM 3.2 98		
13 Sa	12:27 AM 0.2 6 06:37 AM 4.5 137 12:50 PM 0.1 3 06:51 PM 4.5 137	28 Su	01:24 AM 0.1 3 07:36 AM 4.5 137 02:01 PM 0.2 6 07:53 PM 4.0 122		13 Tu	12:26 AM -0.6 -18 06:44 AM 5.3 162 01:14 PM -0.6 -18 07:05 PM 4.2 128	28 W	01:07 AM 0.1 3 07:23 AM 4.4 134 02:01 PM 0.1 3 07:47 PM 3.4 104	13 Th	12:58 AM -0.9 -27 07:19 AM 5.3 162 01:54 PM -0.9 -27 07:45 PM 3.9 119	28 F	01:19 AM 0.0 0 07:39 AM 4.3 131 02:17 PM -0.1 -3 08:04 PM 3.2 98		
14 Su	01:10 AM -0.1 -3 07:22 AM 4.9 149 01:41 PM -0.2 -6 07:38 PM 4.6 140	29 M	02:01 AM 0.2 6 08:12 AM 4.6 140 02:42 PM 0.2 6 08:31 PM 3.9 119		14 W	01:16 AM -0.7 -21 07:34 AM 5.5 168 02:07 PM -0.7 -21 07:58 PM 4.2 128	29 Th	01:43 AM 0.2 6 08:00 AM 4.4 134 02:40 PM 0.1 3 08:25 PM 3.3 101	14 F	01:52 AM -0.9 -27 08:11 AM 5.3 162 02:46 PM -0.9 -27 08:39 PM 3.9 119	29 Sa	01:57 AM 0.0 0 08:15 AM 4.3 131 02:53 PM -0.1 -3 08:42 PM 3.2 98		
15 M	01:54 AM -0.3 -9 08:07 AM 5.2 158 02:31 PM -0.4 -12 08:25 PM 4.6 140	30 Tu	02:37 AM 0.2 6 08:48 AM 4.6 140 03:22 PM 0.2 6 09:09 PM 3.8 116		15 Th	02:07 AM -0.7 -21 08:25 AM 5.5 168 03:01 PM -0.7 -21 08:51 PM 4.1 125	30 F	02:19 AM 0.2 6 08:35 AM 4.4 134 03:17 PM 0.2 6 09:03 PM 3.3 101	15 Sa	02:47 AM -0.8 -24 09:03 AM 5.2 158 03:39 PM -0.9 -27 09:34 PM 3.9 119	30 Su	02:35 AM 0.0 0 08:50 AM 4.2 128 03:28 PM -0.1 -3 09:19 PM 3.2 98		
		31 W	03:11 AM 0.3 9 09:23 AM 4.6 140 04:01 PM 0.3 9 09:47 PM 3.6 110								31 M	03:13 AM 0.0 0 09:24 AM 4.1 125 04:03 PM -0.1 -3 09:57 PM 3.2 98		