



NOAA Tide Predictions

Chatham, Stage Harbor, Massachusetts, 2017

The NOAA Tide Predictions application provides predictions in both graphical and tabular formats, with many user selected options, for over 3000 stations broken down by key areas in each state. Users can also access stations via the Google map interface. Additional information can be found in the help page.

Station Types: The NOAA Tide Predictions application provides predictions from 2 distinct categories of stations at over 3000 locations:

Harmonic - The predicted height values for Harmonic stations are conducted by combining the harmonic constituents into a single tide curve.

Subordinate - The high and low height values for Subordinate stations are obtained by means and differences, and ratios applied to the full harmonic constant predictions at a specific Harmonic station (a Reference station).

Disclaimer: The official Tide prediction tables are published annually on October 1, for the following calendar year. Tide predictions generated prior to the publishing date of the official tables are subject to change. The predictions from the web based NOAA Tidal Predictions are based upon the latest information available as of the date of your request. Tide predictions generated may differ from the official published predictions if information for the station requested has been updated since the publishing date of the official published tables.



Chatham, Stage Harbor, Massachusetts, 2017

Datum:mean lower low water (MLLW) which is the chart datum of soundings

Times and Heights of High and Low Waters

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

Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.



Chatham, Stage Harbor, Massachusetts, 2017

Datum:mean lower low water (MLLW) which is the chart datum of soundings

Times and Heights of High and Low Waters

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

Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.



Chatham, Stage Harbor, Massachusetts, 2017

Times and Heights of High and Low Waters

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

