



NOAA Tide Predictions

Wachapreague, VA, 2023

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.



StationId: 8631044
Source: NOAA/NOS/CO-OPS
Station Type: Primary
Time Zone: LST_LDT
Datum: MLLW

NOAA Tide Predictions

Wachapreague, VA,2023
(37 36.5N / 75 41.1W)

Times and Heights of High and Low Waters

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

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Wachapreague, VA, 2023
(37 36.5N / 75 41.1W)

Times and Heights of High and Low Waters

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

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Station Type: Primary
Time Zone: LST_LDT
Datum: MLLW

NOAA Tide Predictions

Wachapreague, VA, 2023
(37 36.5N / 75 41.1W)

Times and Heights of High and Low Waters

October					November					December														
Time		Height			Time		Height			Time		Height												
	h m	ft	cm		h m	ft	cm		h m	ft	cm		h m	ft	cm									
1	04:09 AM	0.0	0	16	03:44 AM	0.5	15	1	05:06 AM	0.3	9	16	04:20 AM	-0.3	-9									
	10:38 AM	5.4	165			11:44 AM	4.8		146		10:25 AM		4.7	143		11:01 AM	4.2	128						
	Su 04:48 PM	0.1	3		W 06:00 PM	0.6	18		Th 04:38 PM	0.5	15		F 05:16 PM	0.6	18	Sa 05:13 PM	0.1	3						
	10:57 PM	4.5	137			11:55 PM	3.7		113		10:34 PM		3.6	110		11:12 PM	3.3	101						
2	04:52 AM	0.1	3	17	04:18 AM	0.5	15	2	05:50 AM	0.6	18	17	04:26 AM	0.2	6	2	05:06 AM	0.5	15	17	05:16 AM	-0.2	-6	
	11:25 AM	5.3	162			10:56 AM	4.8		146		11:15 AM		4.6	140			11:44 AM	4.0	122			11:55 AM	4.4	134
	M 05:37 PM	0.3	9		Tu 05:07 PM	0.7	21		Th 06:50 PM	0.9	27		F 05:31 PM	0.6	18		Sa 06:04 PM	0.8	24		Su 06:07 PM	0.1	3	
	11:41 PM	4.3	131			11:06 PM	3.9		119		11:25 PM		3.5	107			11:59 PM	3.2	98					
3	05:36 AM	0.3	9	18	04:54 AM	0.6	18	3	12:41 AM	3.6	110	18	05:22 AM	0.3	9	3	05:58 AM	0.7	21	18	12:13 AM	3.6	110	
	12:12 PM	5.1	155			11:37 AM	4.7		143		06:39 AM		0.8	24			12:09 PM	4.5	137			06:19 AM	0.0	0
	Tu 06:28 PM	0.7	21		W 05:53 PM	0.8	24		F 01:18 PM	4.3	131		Sa 06:29 PM	0.6	18		Su 06:53 PM	0.9	27		M 12:47 PM	4.2	128	
		11:46 PM	3.7		113		11:46 PM		3.7	113			07:43 PM	1.1	34							07:02 PM	0.1	3
4	12:25 AM	4.0	122	19	05:35 AM	0.6	18	4	01:30 AM	3.4	104	19	12:22 AM	3.5	107	4	12:48 AM	3.2	98	19	01:11 AM	3.7	113	
	06:22 AM	0.6	18			12:24 PM	4.6		140		06:28 AM		0.4	12			06:54 AM	0.8	24			07:23 AM	0.1	3
	W 01:01 PM	4.8	146		Th 06:46 PM	1.0	30		Sa 02:07 PM	4.0	122		Su 01:05 PM	4.3	131		M 01:15 PM	3.6	110		Tu 01:40 PM	3.9	119	
	07:22 PM	1.0	30			08:35 PM	1.2		37		07:27 PM		0.6	18			07:40 PM	0.9	27		07:55 PM	0.0	0	
5	01:12 AM	3.8	116	20	12:32 AM	3.6	110	5	01:22 AM	3.4	104	20	01:24 AM	3.6	110	5	01:40 AM	3.2	98	20	02:11 AM	3.8	116	
	07:15 AM	0.9	27			06:27 AM	0.7		21		07:36 AM		0.4	12			07:51 AM	0.9	27			08:26 AM	0.1	3
	Th 01:51 PM	4.5	137		F 01:18 PM	4.5	137		Su 01:59 PM	3.9	119		M 02:04 PM	4.2	128		Tu 02:03 PM	3.4	104		W 02:36 PM	3.7	113	
	08:18 PM	1.2	37			07:46 PM	1.1		34	08:25 PM	1.2		37	08:23 PM	0.5		15	08:25 PM	0.8		24	08:48 PM	0.0	0
6	02:01 AM	3.6	110	21	01:27 AM	3.6	110	6	02:18 AM	3.4	104	21	02:29 AM	3.7	113	6	02:35 AM	3.3	101	21	03:15 AM	4.0	122	
	08:10 AM	1.1	34			07:35 AM	0.8		24		08:41 AM		0.4	12			08:47 AM	0.9	27			09:28 AM	0.2	6
	F 02:44 PM	4.3	131		Sa 02:18 PM	4.5	137		M 02:54 PM	3.8	116		Tu 03:05 PM	4.1	125		W 02:56 PM	3.3	101		Th 03:36 PM	3.5	107	
	09:11 PM	1.3	40			08:46 PM	1.1		34		09:14 PM		1.2	37			09:17 PM	0.3	9			09:41 PM	-0.1	-3
7	02:54 AM	3.5	107	22	02:31 AM	3.6	110	7	03:19 AM	3.5	107	22	03:36 AM	4.0	122	7	03:35 AM	3.5	107	22	04:18 AM	4.2	128	
	09:07 AM	1.2	37			08:45 AM	0.8		24		09:26 AM		1.1	34			09:45 AM	0.3	9			10:29 AM	0.1	3
	Sa 03:41 PM	4.1	125		Su 03:23 PM	4.4	134		Tu 03:51 PM	3.8	116		W 04:07 PM	4.1	125		Th 03:53 PM	3.3	101		F 04:35 PM	3.4	104	
	10:04 PM	1.4	43		09:45 PM	0.9	27			10:02 PM	1.0		30		10:11 PM		0.2	6			10:34 PM	-0.2	-6	
8	03:53 AM	3.5	107	23	03:40 AM	3.7	113	8	04:18 AM	3.7	113	23	04:40 AM	4.3	131	8	04:32 AM	3.8	116	23	05:15 AM	4.4	134	
	10:03 AM	1.2	37			10:22 AM	0.9		27		10:47 AM		0.2	6			10:40 AM	0.6	18			11:27 AM	0.1	3
	Su 04:41 PM	4.1	125		W 04:43 PM	3.8	116		Th 05:03 PM	4.0	122		F 04:47 PM	3.3	101		Sa 05:27 PM	3.4	104					
	10:56 PM	1.3	40			10:48 PM	0.9		27		11:03 PM		0.0	0			10:45 PM	0.5	15			11:26 PM	-0.2	-6
9	04:55 AM	3.6	110	24	04:53 AM	3.9	119	9	05:10 AM	4.0	122	24	05:35 AM	4.7	143	9	05:22 AM	4.0	122	24	06:06 AM	4.5	137	
	11:00 AM	1.1	34			10:59 AM	0.5		15		11:45 AM		0.0	0			11:33 AM	0.5	15			12:21 PM	0.0	0
	M 05:37 PM	4.2	128		Tu 05:34 PM	4.6	140		Th 05:29 PM	3.9	119		F 05:53 PM	4.0	122		Sa 05:35 PM	3.4	104		Su 06:16 PM	3.4	104	
	11:46 PM	1.2	37			11:40 PM	0.5		15		11:31 PM		0.7	21			11:53 PM	-0.2	-6			11:32 PM	0.3	9
10	05:52 AM	3.9	119	25	05:57 AM	4.3	131	10	05:56 AM	4.3	131	25	06:25 AM	4.9	149	10	06:10 AM	4.3	131	25	12:16 AM	-0.3	-9	
	11:55 AM	1.0	30			12:03 PM	0.3		9		12:40 PM		-0.1	-3			12:24 PM	0.3	9			06:55 AM	4.5	137
	Tu 06:25 PM	4.2	128		W 06:29 PM	4.7	143		F 06:12 PM	3.9	119		Sa 06:40 PM	4.0	122		Su 06:21 PM	3.4	104		M 01:11 PM	0.0	0	
																		07:03 PM	3.4		104			
11	12:32 AM	1.1	34	26	12:32 AM	0.3	9	11	12:12 AM	0.5	15	26	12:41 AM	-0.2	-6	11	12:19 AM	0.1	3	26	01:05 AM	-0.3	-9	
	06:41 AM	4.1	125			06:53 AM	4.7		143		07:13 AM		5.0	152			06:56 AM	4.5	137			07:42 AM	4.5	137
	W 12:46 PM	0.8	24		Th 01:02 PM	0.1	3		Sa 12:52 PM	0.4	12		Su 01:31 PM	-0.1	-3		M 01:14 PM	0.1	3		Tu 01:59 PM	0.0	0	
	07:07 PM	4.3	131			07:19 PM	4.7		143		06:54 PM		3.9	119			07:27 PM	3.9	119			07:50 PM	3.4	104
12	01:13 AM	0.9	27	27	01:22 AM	0.0	0	12	12:54 AM	0.4	12	27	01:28 AM	-0.2	-6	12	01:06 AM	-0.1	-3	27	01:52 AM	-0.3	-9	
	07:26 AM	4.3	131			07:44 AM	5.0		152		08:02 AM		5.0	152			07:45 AM	4.6	140			08:29 AM	4.4	134
	Th 01:33 PM	0.7	21		F 01:57 PM	0.0	0		Su 01:38 PM	0.3	9		M 02:20 PM	-0.1	-3		Tu 02:02 PM	0.0	0		W 02:43 PM	0.0	0	
	07:48 PM	4.3	131			08:06 PM	4.6		140		08:14 PM		3.8	116	08:14 PM		3.8	116	07:56 PM		3.5	107	08:36 PM	3.4
13	01:53 AM	0.7	21	28	02:09 AM	-0.1	-3	13	01:35 AM	0.3	9	28	02:14 AM	-0.2	-6	13	01:54 AM	-0.2	-6	28	02:37 AM	-0.2	-6	
	08:09 AM	4.5	137			08:08 AM	4.7		143		08:50 AM		4.8	146			08:36 AM	4.6	140			09:13 AM	4.3	131
	F 02:19 PM	0.6	18		Sa 02:50 PM	-0.1	-3		M 02:23 PM	0.3	9		Tu 03:05 PM	0.1	3		W 02:49 PM	0.0	0		Th 03:25 PM	0.1	3	
	08:28 PM	4.3	131			08:54 PM	4.5		137	08:21 PM	3.8		116		09:00 PM		3.7	113			08:46 PM	3.5	107	
14	02:32 AM	0.6	18	29	02:55 AM	-0.1	-3	14	02:16 AM	0.2	6	29	02:58 AM	-0.1	-3	14	02:42 AM	-0.3	-9	29	03:19 AM	-0.1	-3	
	08:53 AM	4.7	143			09:24 AM	5.3		162		09:35 AM		4.7	143			09:26 AM	4.7	143			09:54 AM	4.1	125
	Sa 03:03 PM	0.5	15		Su 03:40 PM	0.0	0		Tu 03:07 PM	0.3	9		W 03:49 PM	0.2	6		Th 03:36 PM	0.0	0		F 04:04 PM	0.2	6	
	09:09 PM	4.2	128			09:42 PM	4.3		131		09:05 PM		3.7	113			09:45 PM	3.6	110			10:04 PM	3.3	101
15	03:08 AM	0.6	18	30	03:40 AM	-0.1	-3	15	02:57 AM	0.2	6	30	03:40 AM	0.1	3	15	03:30 AM	-0.3	-9	30	03:58 AM	0.1	3	
	09:35 AM	4.7	143			10:13 AM	5.2		158		10:18 AM		4.4	134			10:15 AM	4.6	140			10:33 AM	4.0	122
	Su 03:45 PM	0.5	15		M 04:27 PM	0.1	3		W 03:51 PM	0.4	12		Th 04:32 PM	0.4	12		F 04:23 PM	0.0	0		Sa 04:43 PM	0.3	9	
	09:49 PM	4.1	125			10:27 PM	4.1		125		09:49 PM		3.6	110			10:28 PM	3.4	104			10:45 PM	3.3	101
31	04:23 AM	0.1	3	31	04:23 AM	0.1	3	31	04:23 AM	0.1	3	31	04:23 AM	0.1	3	31	04:23 AM	0.1	3	31	04:23 AM	0.1	3	
	10:59 AM	5.1	155			10:59 AM	5.1		155		10:59 AM		5.1	155			10:59 AM	5.1	155			10:59 AM	5.1	155
	Tu 05:13 PM	0.4	12			11:11 PM	3.9		119		11:11 PM		3.9	119			11:11 PM	3.9	119			11:11 PM	3.9	119