



NOAA Tide Predictions

RIDGEFIELD PARK HACKENSACK RIVER, NJ,2021

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: 8530398
 Source: NOAA/NOS/CO-OPS
 Station Type: Subordinate
 Time Zone: LST_LDT
 Datum: MLLW

RIDGEFIELD PARK HACKENSACK RIVER, NJ,2021

Times and Heights of High and Low Waters

April				May				June									
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height						
1 00:26 07:01 Th 12:58 19:10	7.2 -0.6 6.0 -0.2	219 -18 183 -6	16 00:14 07:01 F 13:11 18:38	6.0 0.7 5.0 1.1	183 21 152 34	1 01:07 07:43 Sa 13:52 19:51	7.1 -0.3 5.8 0.5	216 -9 177 15	16 00:10 07:18 Su 13:31 18:49	6.1 0.8 4.9 1.3	186 24 149 40	1 02:50 09:21 Tu 15:33 21:43	6.4 0.3 5.7 1.2	195 9 174 37	16 01:25 08:25 W 14:35 20:20	6.1 0.7 5.4 1.3	186 21 165 40
2 01:23 07:58 F 14:00 20:07	6.9 -0.2 5.7 0.3	210 -6 174 9	17 00:45 07:40 Sa 13:55 19:08	5.8 1.0 4.8 1.4	177 30 146 43	2 02:09 08:44 Su 14:54 20:58	6.7 0.1 5.6 0.9	204 3 171 27	17 00:53 08:02 M 14:16 19:32	5.9 1.0 4.9 1.5	180 30 149 46	2 03:45 10:20 W 16:28 22:48	6.0 0.5 5.7 1.3	183 15 174 40	17 02:19 09:20 Th 15:22 21:37	6.0 0.7 5.6 1.3	183 21 171 40
3 02:23 09:03 Sa 15:03 21:16	6.6 0.2 5.4 0.7	201 6 165 21	18 01:24 08:29 Su 14:41 19:49	5.6 1.2 4.7 1.6	171 37 143 49	3 03:10 09:50 M 15:55 22:09	6.4 0.4 5.5 1.1	195 12 168 34	18 01:45 08:58 Tu 15:02 20:34	5.8 1.1 5.0 1.6	177 34 152 49	3 04:40 11:14 Th 17:23 23:46	5.7 0.6 5.8 1.2	174 18 177 37	18 03:14 10:19 F 16:13 22:50	5.9 0.6 6.0 1.1	180 18 183 34
4 03:25 10:12 Su 16:08 22:29	6.3 0.4 5.2 0.9	192 12 158 27	19 02:12 09:36 M 15:30 20:58	5.5 1.4 4.7 1.7	168 43 143 52	4 04:11 10:53 Tu 16:56 23:15	6.0 0.5 5.5 1.1	183 15 168 34	19 02:40 10:01 W 15:51 22:02	5.8 1.1 5.2 1.5	177 34 158 46	4 05:36 12:02 F 18:16	5.5 0.6 5.9	168 18 180	19 04:13 11:15 Sa 17:09 23:54	5.8 0.4 6.4 0.7	177 12 195 21
5 04:31 11:18 M 17:15 23:36	6.0 0.4 5.2 0.9	183 12 158 27	20 03:08 10:43 Tu 16:23 22:36	5.5 1.3 4.8 1.6	168 40 146 49	5 05:13 11:49 W 17:57	5.8 0.5 5.7	177 15 174	20 03:39 10:59 Th 16:45 23:15	5.8 0.8 5.5 1.2	177 24 168 37	5 00:38 06:31 Sa 12:46 19:06	1.1 5.4 0.6 6.1	34 165 186 18	20 05:18 12:09 Su 18:08	5.8 0.2 6.8	177 6 207
6 05:39 12:17 Tu 18:22	5.9 0.4 5.4	180 12 165	21 04:10 11:39 W 17:22 23:44	5.5 1.1 5.0 1.3	168 34 152 40	6 00:14 06:14 Th 12:39 18:53	1.0 5.7 0.4 5.9	30 174 12 180	21 04:41 11:51 F 17:42	5.8 0.5 6.0	177 15 183	6 01:26 07:23 Su 13:28 19:50	0.9 5.4 0.6 6.3	27 165 18 192	21 00:53 06:27 M 13:01 19:07	0.3 5.8 0.0 7.2	9 177 0 219
7 00:35 06:45 W 13:09 19:21	0.7 5.9 0.2 5.7	21 180 6 174	22 05:19 12:30 Th 18:22	5.7 0.7 5.5	174 21 168	7 01:06 07:09 F 13:24 19:42	0.8 5.7 0.3 6.1	24 174 9 186	22 00:16 05:48 Sa 12:41 18:39	0.8 5.9 0.2 6.5	24 180 6 198	7 02:12 08:11 M 14:09 20:30	0.7 5.4 0.7 6.5	21 165 21 198	22 01:50 07:33 Tu 13:55 20:03	-0.1 5.9 -0.2 7.6	-3 180 -6 232
8 01:29 07:41 Th 13:56 20:11	0.5 6.0 0.1 6.0	15 183 3 183	23 00:42 06:27 F 13:17 19:16	0.8 5.9 0.3 6.1	24 180 9 186	8 01:54 07:58 Sa 14:06 20:24	0.6 5.8 0.3 6.4	18 177 9 195	23 01:13 06:53 Su 13:30 19:33	0.3 6.1 -0.1 7.1	9 186 -3 216	8 02:57 08:54 Tu 14:50 21:06	0.5 5.4 0.7 6.6	15 165 21 201	23 02:46 08:33 W 14:50 20:56	-0.5 6.0 -0.3 7.8	-15 183 -9 238
9 02:18 08:28 F 14:41 20:53	0.3 6.1 0.0 6.2	9 186 0 189	24 01:36 07:27 Sa 14:04 20:04	0.3 6.3 -0.1 6.7	9 192 -3 204	9 02:40 08:41 Su 14:46 21:02	0.5 5.8 0.3 6.6	15 177 9 201	24 02:08 07:53 M 14:20 20:24	-0.2 6.2 -0.4 7.6	-6 189 -12 232	9 03:40 09:36 W 15:30 21:39	0.4 5.4 0.7 6.6	12 165 21 201	24 03:40 09:29 Th 15:44 21:48	-0.7 6.1 -0.3 7.8	-21 186 -9 238
10 03:05 09:10 Sa 15:22 21:32	0.2 6.2 -0.1 6.4	6 189 -3 195	25 02:29 08:20 Su 14:51 20:50	-0.2 6.5 -0.5 7.2	-6 198 -15 219	10 03:24 09:22 M 15:25 21:36	0.3 5.8 0.4 6.7	9 177 12 204	25 03:03 08:48 Tu 15:11 21:13	-0.6 6.4 -0.5 7.9	-18 195 -15 241	10 04:22 10:17 Th 16:10 22:11	0.3 5.4 0.8 6.6	9 165 24 201	25 04:33 10:24 F 16:38 22:41	-0.8 6.1 -0.3 7.7	-24 186 -9 235
11 03:48 09:49 Su 16:01 22:07	0.1 6.2 0.0 6.5	3 189 0 198	26 03:21 09:09 M 15:38 21:35	-0.6 6.7 -0.7 7.6	-18 204 -21 232	11 04:06 10:01 Tu 16:03 22:09	0.2 5.7 0.5 6.6	6 174 15 201	26 03:56 09:42 W 16:02 22:02	-0.9 6.4 -0.5 8.0	-27 195 -15 244	11 05:02 10:57 F 16:49 22:42	0.3 5.3 0.9 6.5	9 162 27 198	26 05:24 11:21 Sa 17:30 23:37	-0.8 6.1 -0.1 7.4	-24 186 -3 226
12 04:30 10:27 M 16:37 22:41	0.0 6.0 0.1 6.5	0 183 3 198	27 04:13 09:58 Tu 16:26 22:22	-0.9 6.7 -0.8 7.8	-27 204 -24 238	12 04:46 10:40 W 16:39 22:39	0.2 5.6 0.6 6.5	6 171 18 198	27 04:49 10:37 Th 16:54 22:55	-1.0 6.3 -0.4 7.8	-30 192 -12 238	12 05:41 11:39 Sa 17:25 23:13	0.3 5.2 0.9 6.4	9 158 27 195	27 06:13 12:20 Su 18:21	-0.7 6.0 0.2	-21 183 6
13 05:09 11:05 Tu 17:11 23:14	0.1 5.8 0.3 6.4	3 177 9 195	28 05:04 10:50 W 17:13 23:12	-1.1 6.5 -0.6 7.8	-34 198 -18 238	13 05:25 11:20 Th 17:13 23:08	0.2 5.4 0.8 6.4	6 165 24 195	28 05:40 11:35 F 17:45 23:52	-0.9 6.2 -0.2 7.5	-27 189 -6 229	13 06:20 12:22 Su 18:01 23:50	0.4 5.1 1.0 6.3	12 155 30 192	28 00:34 07:02 M 13:18 19:14	7.1 -0.4 6.0 0.5	216 -12 183 15
14 05:47 11:45 W 17:43 23:44	0.2 5.6 0.5 6.2	6 171 15 189	29 05:55 11:47 Th 18:02	-1.0 6.3 -0.4	-30 192 -12	14 06:02 12:03 F 17:45 23:36	0.4 5.2 1.0 6.2	12 158 30 189	29 06:32 12:37 Sa 18:38	-0.7 6.0 0.2	-21 183 6	14 06:58 13:06 M 18:38	0.5 5.1 1.1	15 155 34	29 01:30 07:53 Tu 14:13 20:10	6.7 0.0 5.9 0.9	204 0 180 27
15 06:24 12:27 Th 18:11	0.4 5.3 0.8	12 162 24	30 00:07 06:47 F 12:49 18:53	7.5 -0.7 6.0 0.1	229 -21 183 3	15 06:40 12:47 Sa 18:16	0.6 5.0 1.2	18 152 37	30 00:52 07:25 Su 13:39 19:34	7.1 -0.3 5.9 0.6	216 -9 180 18	15 00:35 07:39 Tu 13:50 19:22	6.2 0.6 5.2 1.2	189 18 158 37	30 02:22 08:45 W 15:04 21:11	6.3 0.3 5.9 1.3	192 9 180 40
									31 01:52 08:21 M 14:37 20:37	6.7 0.0 5.8 1.0	204 0 177 30						

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.

Referenced to Station: The Battery (8518750) Time offset in mins (high: 60 low: 60) Height offset in feet (high: *1.26 low: *1.26)



StationId: 8530398
 Source: NOAA/NOS/CO-OPS
 Station Type: Subordinate
 Time Zone: LST_LDT
 Datum: MLLW

RIDGEFIELD PARK HACKENSACK RIVER, NJ, 2021

Times and Heights of High and Low Waters

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 03:13 09:39 Th 15:54 ● 22:14	5.9 0.6 5.8 1.4	180 18 177 43		16 02:00 08:43 F 14:55 21:17	6.1 0.4 6.1 1.1	186 12 186 34		1 04:16 10:33 Su 16:46 23:32	5.1 1.3 5.8 1.5	155 40 177 46		16 03:43 10:22 M 16:23 23:21	5.6 0.7 6.7 0.7	171 21 204 21		1 05:35 11:39 W 17:45	4.7 1.7 5.7	143 52 174		16 00:08 06:02 Th 12:19 18:29	0.5 5.5 0.8 6.6	15 168 24 201					
2 04:03 10:31 F 16:43 23:13	5.5 0.8 5.8 1.4	168 24 177 43		17 02:55 09:42 Sa 15:46 ● 22:30	5.9 0.5 6.4 1.0	180 15 195 30		2 05:11 11:25 M 17:37	4.8 1.4 5.8	146 43 177		17 04:52 11:28 Tu 17:29	5.4 0.7 6.8	165 21 207		2 00:40 06:35 Th 12:31 18:44	1.3 4.9 1.5 5.9	40 149 46 180		17 01:04 07:08 F 13:16 19:30	0.3 5.8 0.5 6.8	9 177 15 207					
3 04:55 11:20 Sa 17:33	5.2 0.9 5.9	158 27 180		18 03:54 10:44 Su 16:42 23:36	5.7 0.4 6.6 0.7	174 12 201 21		3 00:24 06:11 Tu 12:14 18:31	1.4 4.8 1.4 5.9	43 146 43 180		18 00:23 06:05 W 12:29 18:38	0.5 5.4 0.5 6.9	15 165 15 210		3 01:27 07:28 F 13:20 19:35	1.1 5.1 1.2 6.2	34 155 37 189		18 01:55 08:03 Sa 14:09 20:22	0.0 6.1 0.3 7.0	0 186 9 213					
4 00:07 05:50 Su 12:06 18:24	1.3 5.1 0.9 6.0	40 155 27 183		19 04:59 11:44 M 17:44	5.5 0.3 6.8	168 9 207		4 01:12 07:08 W 13:01 19:22	1.1 4.9 1.3 6.0	34 149 40 183		19 01:20 07:15 Th 13:27 19:40	0.2 5.6 0.4 7.1	6 171 12 216		4 02:11 08:14 Sa 14:07 20:18	0.7 5.5 0.9 6.5	21 168 27 198		19 02:44 08:51 Su 15:00 21:07	-0.1 6.4 0.2 7.0	-3 195 6 213					
5 00:56 06:47 M 12:50 19:12	1.1 5.0 1.0 6.1	34 152 30 186		20 00:37 06:11 Tu 12:42 18:48	0.4 5.5 0.2 7.1	12 168 6 216		5 01:58 08:00 Th 13:48 20:08	0.9 5.1 1.1 6.3	27 155 34 192		20 02:14 08:15 F 14:22 20:35	-0.1 5.9 0.2 7.3	-3 180 6 223		5 02:54 08:53 Su 14:54 20:56	0.4 5.9 0.6 6.8	12 180 18 207		20 03:29 09:35 M 15:48 21:49	-0.2 6.6 0.1 6.9	-6 201 3 210					
6 01:43 07:40 Tu 13:34 19:56	0.9 5.0 1.0 6.3	27 152 30 192		21 01:34 07:21 W 13:38 19:49	0.0 5.6 0.1 7.3	0 171 3 223		6 02:44 08:44 F 14:34 20:48	0.7 5.3 0.9 6.5	21 162 27 198		21 03:06 09:07 Sa 15:16 21:25	-0.3 6.2 0.1 7.3	-9 189 3 223		6 03:36 09:31 M 15:40 21:33	0.1 6.2 0.3 7.0	3 189 9 213		21 04:11 10:16 Tu 16:33 22:30	-0.2 6.7 0.2 6.7	-6 204 6 204					
7 02:28 08:28 W 14:17 20:37	0.7 5.1 0.9 6.4	21 155 27 195		22 02:30 08:23 Th 14:35 20:45	-0.3 5.8 0.0 7.5	-9 177 0 229		7 03:27 09:25 Sa 15:20 21:24	0.4 5.5 0.7 6.7	12 168 21 204		22 03:54 09:55 Su 16:06 22:11	-0.4 6.4 0.0 7.3	-12 195 0 223		7 04:17 10:08 Tu 16:26 ● 22:11	-0.2 6.5 0.0 7.0	-6 198 0 213		22 04:51 10:55 W 17:16 23:11	-0.1 6.7 0.3 6.4	-3 204 9 195					
8 03:13 09:11 Th 15:01 21:13	0.5 5.3 0.9 6.5	15 162 27 198		23 03:24 09:19 F 15:30 21:37	-0.5 6.1 -0.1 7.6	-15 186 -3 232		8 04:09 10:03 Su 16:04 ● 21:59	0.2 5.7 0.5 6.8	6 174 15 207		23 04:40 10:41 M 16:54 22:56	-0.4 6.5 0.1 7.1	-12 198 3 216		8 04:57 10:47 W 17:11 22:53	-0.3 6.8 -0.1 6.9	-9 207 -3 210		23 05:28 11:34 Th 17:57 23:54	0.1 6.6 0.5 6.1	3 201 15 186					
9 03:56 09:52 F 15:45 21:48	0.4 5.3 0.8 6.6	12 162 24 201		24 04:15 10:11 Sa 16:23 ● 22:28	-0.6 6.2 -0.1 7.5	-18 189 -3 229		9 04:49 10:40 M 16:47 22:35	0.0 5.9 0.4 6.8	0 180 12 207		24 05:22 11:27 Tu 17:39 23:41	-0.4 6.5 0.2 6.8	-12 198 6 207		9 05:36 11:29 Th 17:58 23:39	-0.4 6.9 -0.1 6.7	-12 210 -3 204		24 06:02 12:14 F 18:38	0.4 6.4 0.8	12 195 24					
10 04:38 10:32 Sa 16:27 ● 22:21	0.2 5.4 0.7 6.6	6 165 21 201		25 05:04 11:04 Su 17:13 23:19	-0.7 6.2 0.0 7.3	-21 189 0 223		10 05:28 11:19 Tu 17:30 23:14	-0.1 6.0 0.3 6.8	-3 183 9 207		25 06:02 12:13 W 18:23	-0.1 6.4 0.5	-3 195 15		10 06:16 12:18 F 18:46	-0.2 7.0 0.1	-6 213 3		25 00:39 06:35 Sa 12:54 19:20	5.7 0.8 6.2 1.1	174 24 189 34					
11 05:18 11:11 Su 17:07 22:56	0.2 5.4 0.7 6.6	6 165 21 201		26 05:50 11:57 M 18:02	-0.6 6.2 0.2	-18 189 6		11 06:06 12:02 W 18:13 23:59	-0.1 6.2 0.3 6.6	-3 189 9 201		26 00:27 06:41 Th 12:59 19:08	6.4 0.2 6.3 0.9	195 6 192 27		11 00:33 06:59 Sa 13:11 19:41	6.4 0.0 7.0 0.4	195 0 213 12		26 01:27 07:06 Su 13:35 20:08	5.3 1.2 5.9 1.4	162 37 180 43					
12 05:56 11:52 M 17:46 23:34	0.1 5.4 0.7 6.5	3 165 21 198		27 00:10 06:35 Tu 12:49 18:50	6.9 -0.3 6.2 0.5	210 -9 189 15		12 06:44 12:48 Th 19:00	-0.1 6.3 0.5	-3 192 15		27 01:14 07:18 F 13:44 19:56	6.0 0.6 6.1 1.2	183 18 186 37		12 01:32 07:49 Su 14:08 20:46	6.0 0.4 6.9 0.7	183 12 210 21		27 02:17 07:37 M 14:17 21:07	5.0 1.6 5.7 1.7	152 49 174 52					
13 06:34 12:35 Tu 18:27	0.2 5.5 0.8	6 168 24		28 01:00 07:19 W 13:40 19:40	6.6 0.0 6.1 0.9	201 0 186 27		13 00:49 07:25 F 13:38 19:54	6.4 0.1 6.5 0.7	195 3 198 21		28 02:02 07:57 Sa 14:27 20:50	5.6 1.1 5.9 1.6	171 34 180 49		13 02:35 08:53 M 15:07 ● 21:58	5.7 0.8 6.8 0.8	174 24 207 24		28 03:08 08:23 Tu 15:03 22:12	4.8 1.9 5.6 1.8	146 58 171 55					
14 00:18 07:12 W 13:20 19:12	6.4 0.2 5.7 0.9	195 6 174 27		29 01:50 08:03 Th 14:27 20:34	6.1 0.4 6.0 1.3	186 12 183 40		14 01:44 08:13 Sa 14:30 21:01	6.1 0.3 6.6 0.9	186 9 201 27		29 02:50 08:41 Su 15:10 21:52	5.2 1.4 5.8 1.7	158 43 177 52		14 03:41 10:07 Tu 16:11 23:07	5.5 1.0 6.6 0.7	168 30 201 21		29 04:02 09:48 W 15:55 ● 23:13	4.7 2.0 5.5 1.6	143 61 168 49					
15 01:07 07:54 Th 14:07 20:07	6.3 0.3 5.9 1.0	192 9 180 30		30 02:38 08:50 F 15:13 21:34	5.7 0.8 5.9 1.5	174 24 180 46		15 02:42 09:13 Su 15:24 ● 22:13	5.8 0.6 6.7 0.9	177 18 204 27		30 03:41 09:37 M 15:56 ● 22:54	4.9 1.7 5.7 1.7	149 52 174 52		15 04:50 11:17 W 17:20	5.4 0.9 6.6	165 27 201		30 04:59 11:02 Th 16:55	4.7 1.9 5.6	143 58 171					
				31 03:26 09:41 Sa 15:59 ● 22:35	5.4 1.1 5.8 1.6	165 34 177 49						31 04:35 10:41 Tu 16:47 23:50	4.8 1.8 5.6 1.6	146 55 171 49													

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StationId: 8530398
 Source: NOAA/NOS/CO-OPS
 Station Type: Subordinate
 Time Zone: LST_LDT
 Datum: MLLW

RIDGEFIELD PARK HACKENSACK RIVER, NJ,2021

Times and Heights of High and Low Waters

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	00:05	1.4	43	16	00:43	0.2	6	1	00:57	0.4	12	16	00:46	0.0	0	1	00:05	-0.3	-9	16	00:55	0.1	3
	05:58	4.9	149		06:53	5.9	180		06:57	5.8	177		07:05	6.3	192		06:08	6.5	198		07:17	6.1	186
	12:00	1.6	49		13:02	0.6	18	M	13:13	0.6	18	Tu	13:20	0.3	9	W	12:41	-0.2	-6	Th	13:41	0.1	3
	17:57	5.8	177		19:11	6.4	195		19:02	6.1	186		19:20	5.8	177		18:23	5.8	177		19:38	5.1	155
2	00:52	1.0	30	17	01:32	0.0	0	2	01:41	0.0	0	17	01:27	0.0	0	2	00:53	-0.6	-18	17	01:36	0.2	6
	06:51	5.2	158		07:46	6.2	189		07:43	6.5	198		07:45	6.5	198		06:58	7.0	213		07:55	6.2	189
	12:51	1.2	37		13:53	0.4	12	Tu	14:04	0.1	3	W	14:05	0.1	3	Th	13:35	-0.6	-18	F	14:24	0.0	0
	18:54	6.1	186		20:01	6.5	198		19:52	6.4	195		20:01	5.7	174		19:18	6.0	183		20:20	5.1	155
3	01:36	0.6	18	18	02:17	-0.1	-3	3	02:25	-0.4	-12	18	02:07	0.0	0	3	01:43	-0.8	-24	18	02:17	0.2	6
	07:38	5.7	174		08:31	6.5	198		08:26	7.0	213		08:21	6.6	201		07:46	7.4	226		08:30	6.2	189
	13:40	0.8	24		14:41	0.3	9	W	14:55	-0.4	-12	Th	14:48	0.1	3	F	14:28	-1.0	-30	Sa	15:06	-0.1	-3
	19:42	6.4	195		20:45	6.5	198		20:40	6.5	198		20:41	5.6	171		20:10	6.1	186		21:00	5.1	155
4	02:18	0.2	6	19	02:59	-0.1	-3	4	03:10	-0.6	-18	19	02:46	0.1	3	4	02:33	-0.9	-27	19	02:57	0.2	6
	08:19	6.2	189		09:11	6.7	204		09:09	7.5	229		08:54	6.5	198		08:34	7.6	232		09:04	6.1	186
	14:28	0.3	9		15:27	0.2	6	Th	15:46	-0.7	-21	F	15:29	0.0	0	Sa	15:21	-1.2	-37	Su	15:47	-0.1	-3
	20:25	6.7	204		21:25	6.4	195	●	21:27	6.6	201	○	21:20	5.5	168	●	21:03	6.0	183	○	21:40	5.0	152
5	03:01	-0.1	-3	20	03:39	-0.1	-3	5	03:56	-0.8	-24	20	03:23	0.3	9	5	03:25	-0.9	-27	20	03:36	0.3	9
	08:58	6.7	204		09:48	6.8	207		09:53	7.7	235		09:27	6.4	195		09:25	7.6	232		09:37	6.0	183
	15:17	0.0	0		16:11	0.1	3	F	16:36	-0.9	-27	Sa	16:09	0.1	3	Su	16:13	-1.2	-37	M	16:26	-0.1	-3
	21:06	6.9	210		22:04	6.2	189		22:15	6.5	198		22:01	5.3	162		21:58	5.9	180		22:21	4.8	146
6	03:43	-0.4	-12	21	04:17	0.0	0	6	04:43	-0.7	-21	21	03:59	0.5	15	6	04:17	-0.8	-24	21	04:13	0.3	9
	09:36	7.1	216		10:23	6.8	207		10:40	7.7	235		09:58	6.2	189		10:20	7.4	226		10:09	5.9	180
	16:05	-0.3	-9		16:52	0.2	6	Sa	17:27	-0.9	-27	Su	16:48	0.2	6	M	17:04	-1.1	-34	Tu	17:04	0.0	0
	21:48	7.0	213		22:43	6.0	183		23:09	6.2	189		22:43	5.0	152		22:59	5.7	174		23:02	4.7	143
7	04:25	-0.5	-15	22	04:53	0.3	9	7	04:32	-0.5	-15	22	04:32	0.7	21	7	05:09	-0.5	-15	22	04:47	0.5	15
	10:17	7.4	226		10:57	6.6	201		10:33	7.5	229		10:29	6.0	183		11:20	7.0	213		10:42	5.8	177
	16:53	-0.5	-15		17:32	0.3	9	Su	17:19	-0.7	-21	M	17:26	0.4	12	Tu	17:57	-0.8	-24	W	17:41	0.1	3
	22:32	6.8	207		23:24	5.7	174		23:09	5.9	180		23:28	4.8	146						23:44	4.6	140
8	05:07	-0.5	-15	23	05:27	0.5	15	8	05:22	-0.2	-6	23	05:04	0.9	27	8	00:03	5.6	171	23	05:21	0.6	18
	11:02	7.5	229		11:31	6.4	195		11:33	7.2	219		11:03	5.8	177		06:04	-0.1	-3		11:19	5.7	174
	17:42	-0.5	-15		18:11	0.6	18	M	18:14	-0.4	-12	Tu	18:06	0.7	21	W	12:22	6.7	204	Th	18:19	0.3	9
	23:22	6.5	198														18:53	-0.5	-15				
9	05:51	-0.4	-12	24	00:08	5.3	162	9	00:16	5.7	174	24	00:16	4.6	140	9	01:06	5.5	168	24	00:27	4.6	140
	11:52	7.5	229		05:59	0.9	27		06:18	0.2	6		05:35	1.1	34		07:04	0.3	9		05:58	0.7	21
	18:33	-0.3	-9		12:05	6.1	186	Tu	12:37	6.9	210	W	11:44	5.6	171	Th	13:22	6.3	192	F	12:04	5.5	168
					18:51	0.8	24		19:14	0.0	0		18:49	0.9	27		19:52	-0.2	-6		19:00	0.4	12
10	00:20	6.2	189	25	00:56	5.0	152	10	01:22	5.5	168	25	01:04	4.5	137	10	02:05	5.4	165	25	01:10	4.7	143
	06:38	0.0	0		06:28	1.2	37		07:23	0.6	18		06:13	1.3	40		08:11	0.6	18		06:45	0.9	27
	12:49	7.2	219		12:41	5.9	180	W	13:42	6.5	198	Th	12:32	5.5	168	F	14:20	5.9	180	Sa	12:53	5.4	165
	19:28	0.0	0		19:33	1.1	34		20:20	0.2	6		19:41	1.0	30		20:53	0.0	0		19:49	0.4	12
11	01:24	5.8	177	26	01:46	4.8	146	11	02:26	5.4	165	26	01:50	4.5	137	11	03:02	5.4	165	26	01:55	4.9	149
	07:32	0.4	12		06:57	1.5	46		08:36	0.9	27		07:06	1.4	43		09:20	0.8	24		07:52	1.0	30
	13:51	7.0	213		13:23	5.7	174	Th	14:44	6.2	189	F	13:25	5.4	165	Sa	15:16	5.6	171	Su	13:45	5.3	162
	20:31	0.4	12		20:24	1.4	43	●	21:25	0.3	9	●	20:41	1.0	30	●	21:51	0.1	3	●	20:47	0.4	12
12	02:31	5.6	171	27	02:37	4.6	140	12	03:28	5.4	165	27	02:37	4.7	143	12	03:59	5.4	165	27	02:43	5.2	158
	08:38	0.8	24		07:36	1.7	52		09:46	0.9	27		08:31	1.5	46		10:22	0.8	24		09:14	0.9	27
	14:55	6.7	204		14:12	5.5	168	F	15:46	6.0	183	Sa	14:20	5.4	165	Su	16:13	5.3	162	M	14:41	5.2	158
	21:41	0.6	18		21:27	1.5	46		22:25	0.2	6		21:39	0.8	24		22:43	0.1	3		21:46	0.2	6
13	03:37	5.4	165	28	03:28	4.6	140	13	04:30	5.6	171	28	03:27	5.0	152	13	04:55	5.5	168	28	03:37	5.5	168
	09:53	1.1	34		08:43	1.9	58		10:48	0.8	24		09:49	1.2	37		11:18	0.6	18		10:24	0.6	18
	16:01	6.5	198		15:06	5.4	165	Sa	16:47	5.9	180	Su	15:18	5.4	165	M	17:10	5.1	155	Tu	15:43	5.2	158
	22:49	0.6	18		22:31	1.4	43	●	23:17	0.1	3	●	22:31	0.5	15		23:29	0.1	3		22:41	0.0	0
14	04:44	5.4	165	29	04:20	4.7	143	14	05:29	5.8	177	29	04:20	5.4	165	14	05:48	5.7	174	29	04:36	5.9	180
	11:04	1.0	30		10:19	1.8	55		11:43	0.6	18		10:52	0.8	24		12:08	0.5	15		11:25	0.1	3
	17:07	6.3	192		16:04	5.5	168	Su	17:44	5.8	177	M	16:20	5.5	168	Tu	18:04	5.1	155	W	16:51	5.2	158
	23:50	0.4	12		23:25	1.2	37						23:18	0.1	3						23:35	-0.3	-9
15	05:51	5.6	171	30																			