



## NOAA Tide Predictions

### RIVERSIDE, MERRIMACK RIVER, MA,2019

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.







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Times and Heights of High and Low Waters

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

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.

