



NOAA Tide Predictions

RIVERSIDE, MERRIMACK RIVER, MA,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.



RIVERSIDE, MERRIMACK RIVER, MA, 2021

Times and Heights of High and Low Waters

January				February				March							
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	02:21 AM	4.9	149	16	02:51 AM	5.0	152	1	02:21 AM	5.8	177	16	03:41 AM	5.5	168
	09:22 AM	0.6	18		10:06 AM	0.1	3		09:27 AM	-0.2	-6		11:05 AM	0.1	3
F	02:42 PM	6.3	192	Sa	03:13 PM	6.0	183	M	02:45 PM	6.3	192	Tu	04:04 PM	5.5	168
	10:10 PM	0.0	0		10:44 PM	-0.3	-9		09:57 PM	-0.3	-9		11:24 PM	0.3	9
2	03:09 AM	5.0	152	17	03:39 AM	5.0	152	2	03:10 AM	6.1	186	17	04:25 AM	5.7	174
	10:03 AM	0.6	18		10:55 AM	0.2	6		10:17 AM	-0.3	-9		11:49 AM	0.2	6
Sa	03:29 PM	6.4	195	Su	04:00 PM	5.8	177	Tu	03:34 PM	6.2	189	W	04:48 PM	5.4	165
	10:54 PM	0.0	0		11:30 PM	-0.1	-3		10:41 PM	-0.2	-6				
3	03:57 AM	5.2	158	18	04:26 AM	5.1	155	3	03:59 AM	6.3	192	18	12:04 AM	0.5	15
	10:49 AM	0.5	15		11:46 AM	0.3	9		11:09 AM	-0.3	-9		05:10 AM	5.7	174
Su	04:18 PM	6.3	192	M	04:47 PM	5.6	171	W	04:24 PM	6.0	183	Th	12:34 PM	0.3	9
	11:39 PM	0.0	0						11:28 PM	-0.1	-3		05:23 PM	5.2	158
4	04:47 AM	5.3	162	19	12:17 AM	0.1	3	4	04:50 AM	6.4	195	19	12:47 AM	0.7	21
	11:42 AM	0.5	15		05:14 AM	5.2	158		12:06 PM	-0.3	-9		05:56 AM	5.8	177
M	05:09 PM	6.2	189	Tu	12:38 PM	0.4	12	Th	01:25 PM	0.0	0	F	01:23 PM	0.4	12
					05:36 PM	5.4	165		06:42 PM	4.9	149		06:22 PM	5.1	155
5	12:27 AM	0.0	0	20	01:05 AM	0.2	6	5	12:20 AM	0.0	0	20	01:33 AM	0.9	27
	05:39 AM	5.5	168		06:03 AM	5.2	158		05:42 AM	6.4	195		06:44 AM	5.7	174
Tu	12:42 PM	0.4	12	W	01:32 PM	0.5	15	F	01:06 PM	-0.2	-6	Sa	02:16 PM	0.6	18
	06:01 PM	6.0	183		06:25 PM	5.1	155		06:09 PM	5.4	165		07:11 PM	4.9	149
6	01:18 AM	0.0	0	21	01:55 AM	0.4	12	6	01:18 AM	0.2	6	21	02:24 AM	1.0	30
	06:32 AM	5.7	174		06:53 AM	5.3	162		06:36 AM	6.3	192		07:34 AM	5.7	174
W	01:46 PM	0.3	9	Th	02:28 PM	0.5	15	Sa	02:07 PM	-0.1	-3	Su	03:11 PM	0.6	18
	06:55 PM	5.7	174		07:15 PM	4.9	149		07:04 PM	5.1	155		08:02 PM	4.8	146
7	02:12 AM	0.1	3	22	02:46 AM	0.5	15	7	02:19 AM	0.3	9	22	03:20 AM	1.1	34
	07:26 AM	5.9	180		07:43 AM	5.3	162		07:31 AM	6.1	186		08:26 AM	5.6	171
Th	02:49 PM	0.2	6	F	03:23 PM	0.5	15	Su	03:09 PM	-0.1	-3	M	04:08 PM	0.6	18
	07:50 PM	5.5	168		08:07 PM	4.7	143		08:00 PM	4.8	146		08:55 PM	4.7	143
8	03:07 AM	0.1	3	23	03:37 AM	0.6	18	8	03:21 AM	0.3	9	23	04:17 AM	1.1	34
	08:21 AM	6.0	183		08:34 AM	5.3	162		08:28 AM	5.9	180		09:20 AM	5.6	171
F	03:50 PM	0.0	0	Sa	04:17 PM	0.4	12	M	04:09 PM	-0.1	-3	Tu	05:03 PM	0.6	18
	08:46 PM	5.2	158		08:59 PM	4.5	137		08:56 PM	4.6	140		09:48 PM	4.7	143
9	04:03 AM	0.1	3	24	04:27 AM	0.7	21	9	04:21 AM	0.3	9	24	05:12 AM	0.9	27
	09:16 AM	6.2	189		09:26 AM	5.4	165		09:25 AM	5.8	177		10:14 AM	5.7	174
Sa	04:49 PM	-0.2	-6	Su	05:09 PM	0.3	9	Tu	05:07 PM	-0.1	-3	W	05:55 PM	0.5	15
	09:43 PM	5.0	152		09:51 PM	4.5	137		09:53 PM	4.6	140		10:42 PM	4.8	146
10	04:58 AM	0.1	3	25	05:17 AM	0.7	21	10	05:18 AM	0.2	6	25	06:04 AM	0.8	24
	10:11 AM	6.3	192		10:17 AM	5.5	168		10:22 AM	5.7	174		11:08 AM	5.8	177
Su	05:45 PM	-0.4	-12	M	06:00 PM	0.2	6	W	06:00 PM	-0.1	-3	Th	06:45 PM	0.3	9
	10:39 PM	4.9	149		10:42 PM	4.5	137		10:48 PM	4.6	140		11:36 PM	5.0	152
11	05:52 AM	0.0	0	26	06:04 AM	0.6	18	11	06:12 AM	0.1	3	26	06:54 AM	0.5	15
	11:06 AM	6.4	195		11:07 AM	5.7	174		11:15 AM	5.6	171		12:01 PM	5.9	180
M	06:40 PM	-0.5	-15	Tu	06:48 PM	0.1	3	Th	06:50 PM	-0.2	-6	F	07:31 PM	0.1	3
	11:33 PM	4.8	146		11:33 PM	4.5	137		11:40 PM	4.7	143				
12	06:45 AM	0.0	0	27	06:50 AM	0.6	18	12	07:03 AM	0.0	0	27	12:28 AM	5.3	162
	11:59 AM	6.4	195		11:56 AM	5.9	180		12:06 PM	5.6	171		07:43 AM	0.2	6
Tu	07:32 PM	-0.6	-18	W	07:34 PM	0.0	0	F	07:37 PM	-0.1	-3	Sa	12:53 PM	6.1	186
												08:16 PM	0.0	0	
13	12:26 AM	4.8	146	28	12:22 AM	4.7	143	13	12:29 AM	4.9	149	28	01:18 AM	5.7	174
	07:37 AM	0.0	0		07:34 AM	0.5	15		07:51 AM	0.0	0		08:31 AM	0.0	0
W	12:50 PM	6.4	195	Th	12:45 PM	6.1	186	Sa	12:52 PM	5.6	171	Su	01:44 PM	6.2	189
	08:23 PM	-0.6	-18		08:18 PM	-0.1	-3		08:21 PM	-0.1	-3		09:00 PM	-0.1	-3
14	01:16 AM	4.9	149	29	01:10 AM	4.9	149	14	01:14 AM	5.1	155	29	02:08 AM	6.1	186
	08:27 AM	0.0	0		08:17 AM	0.4	12		09:37 AM	0.0	0		09:20 AM	-0.3	-9
Th	01:39 PM	6.3	192	F	01:32 PM	6.2	189	Su	02:36 PM	5.6	171	M	02:33 PM	6.3	192
	09:11 PM	-0.5	-15		09:02 PM	-0.1	-3		10:03 PM	0.0	0		09:43 PM	-0.2	-6
15	02:04 AM	4.9	149	30	01:57 AM	5.1	155	15	02:58 AM	5.4	165	30	02:56 AM	6.4	195
	09:17 AM	0.0	0		09:01 AM	0.3	9		10:21 AM	0.0	0		10:09 AM	-0.5	-15
F	02:26 PM	6.2	189	Sa	02:19 PM	6.4	195	M	03:20 PM	5.5	168	Tu	03:22 PM	6.2	189
	09:58 PM	-0.4	-12		09:44 PM	-0.2	-6		10:44 PM	0.2	6		10:27 PM	-0.2	-6
				31	02:45 AM	5.3	162					31	03:45 AM	6.7	204
					09:45 AM	0.2	6						11:00 AM	-0.5	-15
					03:07 PM	6.4	195						04:12 PM	6.0	183
					10:26 PM	-0.2	-6						11:13 PM	-0.1	-3

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.



RIVERSIDE, MERRIMACK RIVER, MA, 2021

Times and Heights of High and Low Waters

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

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RIVERSIDE, MERRIMACK RIVER, MA, 2021

Times and Heights of High and Low Waters

July				August				September			
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height
1	01:47 AM 0.5 15 06:47 AM 5.8 177 Th 02:20 PM 0.2 6 07:17 PM 5.3 162	16	01:15 AM 0.7 21 06:36 AM 6.1 186 F 01:50 PM 0.3 9 07:06 PM 5.9 180	1	03:07 AM 0.6 18 07:55 AM 5.1 155 Su 03:24 PM 0.7 21 08:23 PM 5.5 168	16	02:56 AM 0.2 6 07:59 AM 5.5 168 M 03:08 PM 0.4 12 08:27 PM 6.4 195	1	04:23 AM 0.7 21 09:06 AM 4.7 143 W 04:35 PM 1.0 30 09:32 PM 5.6 171	16	04:40 AM 0.1 3 09:30 AM 4.9 149 Th 04:52 PM 0.4 12 09:58 PM 6.1 186
2	02:44 AM 0.6 18 07:38 AM 5.5 168 F 03:11 PM 0.3 9 08:08 PM 5.3 162	17	02:15 AM 0.6 18 07:29 AM 5.9 180 Sa 02:41 PM 0.4 12 07:59 PM 6.1 186	2	04:02 AM 0.6 18 08:46 AM 4.9 149 M 04:16 PM 0.8 24 09:14 PM 5.6 171	17	03:59 AM 0.1 3 08:55 AM 5.2 158 Tu 04:08 PM 0.5 15 09:23 PM 6.4 195	2	05:18 AM 0.6 18 09:59 AM 4.7 143 Th 05:27 PM 1.0 30 10:25 PM 5.6 171	17	05:38 AM 0.0 0 10:27 AM 4.9 149 F 05:50 PM 0.3 9 10:55 PM 6.0 183
3	03:41 AM 0.6 18 08:29 AM 5.2 158 Sa 04:02 PM 0.5 15 08:58 PM 5.4 165	18	03:18 AM 0.5 15 08:23 AM 5.7 174 Su 03:35 PM 0.4 12 08:52 PM 6.2 189	3	04:57 AM 0.6 18 09:38 AM 4.7 143 Tu 05:08 PM 0.8 24 10:05 PM 5.6 171	18	04:59 AM 0.0 0 09:51 AM 5.0 152 W 05:08 PM 0.4 12 10:20 PM 6.4 195	3	06:10 AM 0.6 18 10:52 AM 4.7 143 F 06:18 PM 0.9 27 11:17 PM 5.7 174	18	06:33 AM -0.1 -3 11:23 AM 4.9 149 Sa 06:46 PM 0.2 6 11:51 PM 5.9 180
4	04:36 AM 0.6 18 10:11 AM 4.8 146 Su 04:53 PM 0.6 18 09:49 PM 5.5 168	19	04:19 AM 0.3 9 09:18 AM 5.5 168 M 04:31 PM 0.4 12 09:47 PM 6.4 195	4	05:50 AM 0.5 15 11:30 AM 4.6 140 W 05:58 PM 0.8 24 10:56 PM 5.6 171	19	05:58 AM -0.1 -3 10:48 AM 4.9 149 Th 06:05 PM 0.3 9 11:17 PM 6.3 192	4	06:59 AM 0.5 15 11:44 AM 4.8 146 Sa 07:06 PM 0.7 21	19	07:24 AM -0.1 -3 12:17 PM 5.1 155 Su 07:38 PM 0.1 3
5	05:29 AM 0.5 15 10:14 AM 4.8 146 M 05:42 PM 0.6 18 10:39 PM 5.6 171	20	05:18 AM 0.1 3 10:14 AM 5.3 162 Tu 05:26 PM 0.3 9 10:42 PM 6.5 198	5	06:41 AM 0.5 15 11:22 AM 4.6 140 Th 06:47 PM 0.8 24 11:47 PM 5.7 174	20	06:54 AM -0.2 -6 11:44 AM 4.9 149 F 07:01 PM 0.2 6	5	12:09 AM 5.9 180 07:45 AM 0.3 9 Su 12:34 PM 5.0 152 07:52 PM 0.6 18	20	12:43 AM 5.9 180 08:12 AM -0.1 -3 M 01:07 PM 5.2 158 08:28 PM 0.0 0
6	06:21 AM 0.4 12 11:03 AM 4.7 143 Tu 06:30 PM 0.7 21 11:28 PM 5.7 174	21	06:16 AM -0.1 -3 11:10 AM 5.1 155 W 06:22 PM 0.3 9 11:38 PM 6.6 201	6	07:30 AM 0.4 12 12:12 PM 4.7 143 F 07:34 PM 0.8 24	21	12:12 AM 6.3 192 07:47 AM -0.2 -6 Sa 12:39 PM 5.0 152 07:55 PM 0.1 3	6	12:58 AM 6.1 186 08:29 AM 0.2 6 M 01:23 PM 5.3 162 08:37 PM 0.4 12	21	01:31 AM 5.8 177 08:58 AM 0.0 0 Tu 01:53 PM 5.4 165 09:16 PM 0.0 0
7	07:10 AM 0.4 12 11:53 AM 4.7 143 W 07:17 PM 0.8 24	22	07:12 AM -0.3 -9 12:06 PM 5.1 155 Th 07:16 PM 0.2 6	7	12:37 AM 5.9 180 08:16 AM 0.3 9 Sa 01:02 PM 4.8 146 08:19 PM 0.7 21	22	01:05 AM 6.3 192 08:37 AM -0.2 -6 Su 01:30 PM 5.1 155 08:46 PM 0.0 0	7	01:47 AM 6.2 189 09:12 AM 0.1 3 Tu 02:10 PM 5.6 171 09:21 PM 0.3 9	22	02:17 AM 5.7 174 09:41 AM 0.1 3 W 02:38 PM 5.6 171 10:02 PM 0.1 3
8	12:17 AM 5.8 177 07:58 AM 0.3 9 Th 12:42 PM 4.7 143 08:02 PM 0.8 24	23	12:32 AM 6.7 204 08:06 AM -0.4 -12 F 01:00 PM 5.1 155 08:10 PM 0.1 3	8	01:25 AM 6.1 186 09:01 AM 0.3 9 Su 01:49 PM 5.0 152 09:03 PM 0.7 21	23	01:55 AM 6.2 189 09:24 AM -0.2 -6 M 02:18 PM 5.3 162 09:35 PM 0.0 0	8	02:34 AM 6.3 192 09:52 AM 0.1 3 W 02:58 PM 5.9 180 10:06 PM 0.1 3	23	03:01 AM 5.7 174 10:23 AM 0.2 6 Th 03:21 PM 5.8 177 10:46 PM 0.1 3
9	01:04 AM 5.9 180 08:44 AM 0.3 9 F 01:29 PM 4.8 146 08:46 PM 0.8 24	24	01:25 AM 6.7 204 08:57 AM -0.4 -12 Sa 01:52 PM 5.1 155 09:02 PM 0.1 3	9	02:12 AM 6.2 189 09:44 AM 0.2 6 M 02:36 PM 5.2 158 09:45 PM 0.6 18	24	02:42 AM 6.1 186 10:10 AM -0.1 -3 Tu 03:05 PM 5.4 165 10:23 PM 0.1 3	9	03:21 AM 6.3 192 10:33 AM 0.1 3 Th 03:45 PM 6.2 189 10:53 PM 0.0 0	24	03:44 AM 5.6 171 11:04 AM 0.4 12 F 04:05 PM 5.9 180 11:31 PM 0.2 6
10	01:50 AM 6.1 186 09:28 AM 0.3 9 Sa 02:15 PM 4.9 149 09:28 PM 0.8 24	25	02:16 AM 6.6 201 09:47 AM -0.4 -12 Su 02:42 PM 5.2 158 09:54 PM 0.1 3	10	02:58 AM 6.3 192 10:25 AM 0.2 6 Tu 03:23 PM 5.4 165 10:28 PM 0.5 15	25	03:28 AM 6.0 183 10:54 AM 0.0 0 W 03:50 PM 5.5 168 11:11 PM 0.2 6	10	04:09 AM 6.3 192 11:14 AM 0.1 3 F 04:33 PM 6.4 195 11:43 PM -0.1 -3	25	04:29 AM 5.4 165 11:46 AM 0.6 18 Sa 04:50 PM 5.9 180
11	02:36 AM 6.2 189 10:12 AM 0.3 9 Su 03:02 PM 5.0 152 10:09 PM 0.8 24	26	03:05 AM 6.5 198 10:36 AM -0.3 -9 M 03:31 PM 5.3 162 10:44 PM 0.1 3	11	03:45 AM 6.4 195 11:06 AM 0.1 3 W 04:10 PM 5.7 174 11:13 PM 0.4 12	26	04:13 AM 5.9 180 11:37 AM 0.2 6 Th 04:36 PM 5.6 171 11:58 PM 0.3 9	11	04:59 AM 6.1 186 11:59 AM 0.2 6 Sa 05:23 PM 6.6 201	26	12:17 AM 0.4 12 05:15 AM 5.3 162 Su 12:29 PM 0.8 24 05:36 PM 5.9 180
12	03:22 AM 6.3 192 10:54 AM 0.3 9 M 03:48 PM 5.1 155 10:50 PM 0.8 24	27	03:53 AM 6.4 195 11:23 AM -0.2 -6 Tu 04:19 PM 5.3 162 11:34 PM 0.2 6	12	04:33 AM 6.4 195 11:47 AM 0.1 3 Th 04:59 PM 5.9 180	27	04:59 AM 5.7 174 12:21 PM 0.4 12 F 05:22 PM 5.7 174	12	12:37 AM -0.1 -3 05:50 AM 5.9 180 Su 12:48 PM 0.3 9 06:15 PM 6.6 201	27	01:06 AM 0.5 15 06:02 AM 5.2 158 M 01:16 PM 1.0 30 06:24 PM 5.8 177
13	04:09 AM 6.4 195 11:36 AM 0.3 9 Tu 04:36 PM 5.3 162 11:33 PM 0.8 24	28	04:41 AM 6.1 186 12:09 PM 0.0 0 W 05:07 PM 5.4 165	13	12:01 AM 0.3 9 05:22 AM 6.2 189 F 12:30 PM 0.2 6 05:49 PM 6.1 186	28	12:47 AM 0.4 12 05:45 AM 5.5 168 Sa 01:06 PM 0.6 18 06:09 PM 5.7 174	13	01:36 AM 0.0 0 06:42 AM 5.6 171 M 01:45 PM 0.4 12 07:08 PM 6.5 198	28	01:58 AM 0.6 18 06:51 AM 5.0 152 Tu 02:08 PM 1.2 37 07:14 PM 5.8 177
14	04:56 AM 6.4 195 12:18 PM 0.3 9 W 05:24 PM 5.5 168	29	12:25 AM 0.3 9 05:28 AM 5.9 180 Th 12:56 PM 0.1 3 05:55 PM 5.5 168	14	12:56 AM 0.3 9 06:12 AM 6.0 183 Sa 01:17 PM 0.3 9 06:40 PM 6.3 192	29	01:38 AM 0.5 15 06:33 AM 5.2 158 Su 01:54 PM 0.8 24 06:58 PM 5.7 174	14	02:37 AM 0.0 0 07:37 AM 5.3 162 Tu 02:47 PM 0.5 15 08:04 PM 6.4 195	29	02:53 AM 0.7 21 07:42 AM 4.9 149 W 03:04 PM 1.2 37 08:06 PM 5.7 174
15	12:21 AM 0.7 21 05:45 AM 6.3 192 Th 01:03 PM 0.3 9 06:15 PM 5.7 174	30	01:18 AM 0.4 12 06:16 AM 5.6 171 F 01:44 PM 0.3 9 06:43 PM 5.5 168	15	01:55 AM 0.3 9 07:05 AM 5.8 177 Su 02:10 PM 0.4 12 07:33 PM 6.3 192	30	02:32 AM 0.6 18 07:23 AM 5.0 152 M 02:46 PM 0.9 27 07:48 PM 5.6 171	15	03:39 AM 0.1 3 08:33 AM 5.1 155 W 03:50 PM 0.5 15 09:00 PM 6.3 192	30	03:49 AM 0.8 24 08:35 AM 4.8 146 Th 04:01 PM 1.2 37 08:59 PM 5.6 171
		31	02:12 AM 0.5 15 07:05 AM 5.3 162 Sa 02:33 PM 0.5 15 07:33 PM 5.5 168			31	03:27 AM 0.7 21 08:14 AM 4.9 149 Tu 03:40 PM 1.0 30 08:39 PM 5.6 171				



RIVERSIDE, MERRIMACK RIVER, MA, 2021

Times and Heights of High and Low Waters

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

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.