



NOAA Tide Predictions

Chatham, MA, 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.



Times and Heights of High and Low Waters

July					August					September							
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 05:24 AM 10:51 AM Sa 04:59 PM 11:07 PM	-2.7	-82	16 06:44 AM 12:25 PM Su 06:15 PM	-2.9	-88	1 07:03 AM 12:12 PM Tu 06:31 PM	-2.9	-88	16 12:41 AM 07:38 AM W 01:10 PM ● 07:12 PM	2.9	88	1 01:10 AM 08:23 AM F 01:39 PM 08:31 PM	4.0	122	16 01:23 AM 08:08 AM Sa 01:42 PM 08:11 PM	2.8	85
2 06:24 AM 11:42 AM Su 05:53 PM 11:56 PM	-2.8	-85	17 12:19 AM 07:28 AM M 01:05 PM ● 06:55 PM	3.1	94	2 12:32 AM 07:58 AM W 01:05 PM 07:34 PM	4.0	122	17 01:17 AM 08:13 AM Th 01:39 PM 07:48 PM	2.9	88	2 02:00 AM 09:09 AM Sa 02:27 PM 09:27 PM	3.8	116	17 01:58 AM 08:38 AM Su 02:19 PM 08:54 PM	2.6	79
3 07:22 AM 12:32 PM M 06:47 PM O	-3.0	-91	18 01:01 AM 08:09 AM Tu 01:39 PM 07:32 PM	3.0	91	3 01:26 AM 08:48 AM Th 01:57 PM 08:38 PM	4.1	125	18 01:52 AM 08:45 AM F 02:13 PM 08:27 PM	2.8	85	3 02:51 AM 09:52 AM Su 03:17 PM 10:19 PM	3.5	107	18 02:34 AM 09:06 AM M 02:56 PM 09:39 PM	2.5	76
4 12:47 AM 08:17 AM Tu 01:23 PM 07:43 PM	3.9	119	19 01:42 AM 08:45 AM W 02:10 PM 08:08 PM	3.0	91	4 02:19 AM 10:32 AM F 02:50 PM 09:38 PM	4.0	122	19 02:27 AM 09:16 AM Sa 02:51 PM 09:09 PM	2.7	82	4 03:43 AM 10:34 AM M 04:09 PM 11:11 PM	3.1	94	19 03:12 AM 09:35 AM Tu 03:32 PM 10:25 PM	2.2	67
5 01:40 AM 09:09 AM W 02:15 PM 08:43 PM	4.0	122	20 02:21 AM 09:19 AM Th 02:45 PM 08:47 PM	2.9	88	5 03:13 AM 10:22 AM Sa 03:43 PM 10:35 PM	3.7	113	20 03:03 AM 09:46 AM Su 03:29 PM 09:54 PM	2.5	76	5 04:38 AM 11:17 AM Tu 05:04 PM	2.7	82	20 03:54 AM 10:10 AM W 04:09 PM 11:12 PM	2.0	61
6 02:35 AM 09:59 AM Th 03:09 PM 09:44 PM	4.0	122	21 02:59 AM 09:51 AM F 03:23 PM 09:29 PM	2.8	85	6 04:06 AM 11:06 AM Su 04:37 PM 11:30 PM	3.3	101	21 03:40 AM 10:14 AM M 04:07 PM 10:40 PM	2.2	67	6 12:03 AM 05:38 AM W 12:03 PM ● 06:05 PM	-2.8	-85	21 04:39 AM 10:52 AM Th 04:53 PM	1.8	55
7 03:32 AM 10:47 AM F 04:05 PM 10:45 PM	3.8	116	22 03:36 AM 10:23 AM Sa 04:04 PM 10:13 PM	2.6	79	7 05:02 AM 11:51 AM M 05:34 PM	2.9	88	22 04:20 AM 10:45 AM Tu 04:45 PM 11:28 PM	2.0	61	7 12:58 AM 06:47 AM Th 12:57 PM 07:08 PM	-2.7	-82	22 12:02 AM 05:30 AM F 11:42 AM ● 05:46 PM	-2.4	-73
8 04:28 AM 11:34 AM Sa 05:03 PM 11:45 PM	3.5	107	23 04:14 AM 10:54 AM Su 04:45 PM 11:00 PM	2.3	70	8 12:26 AM 06:01 AM Tu 12:37 PM ● 06:35 PM	-2.8	-85	23 05:03 AM 11:23 AM W 05:26 PM	1.7	52	8 01:57 AM 07:58 AM F 01:58 PM 08:09 PM	-2.6	-79	23 12:59 AM 06:29 AM Sa 12:40 PM 06:51 PM	-2.4	-73
9 05:26 AM 12:22 PM Su 06:05 PM	3.1	94	24 04:53 AM 11:26 AM M 05:27 PM 11:50 PM	2.0	61	9 01:25 AM 07:06 AM W 01:28 PM 07:35 PM	-2.7	-82	24 12:20 AM 05:52 AM Th 12:09 PM ● 06:14 PM	-2.3	-70	9 02:59 AM 09:04 AM Sa 02:59 PM 09:07 PM	-2.5	-76	24 02:02 AM 07:36 AM Su 01:45 PM 08:05 PM	-2.4	-73
10 12:46 AM 06:27 AM M 01:12 PM ● 07:07 PM	-2.7	-82	25 05:36 AM 12:03 PM Tu 06:10 PM O	1.8	55	10 02:25 AM 08:14 AM Th 02:24 PM 08:33 PM	-2.7	-82	25 01:16 AM 06:49 AM F 01:02 PM 07:12 PM	-2.4	-73	10 04:00 AM 10:03 AM Su 03:56 PM 10:02 PM	-2.5	-76	25 03:10 AM 08:45 AM M 02:56 PM 09:13 PM	-2.5	-76
11 01:48 AM 07:29 AM Tu 02:03 PM 08:05 PM	-2.7	-82	26 12:44 AM 06:25 AM W 12:46 PM 06:57 PM	-2.3	-70	11 03:28 AM 09:22 AM F 03:21 PM 09:29 PM	-2.6	-79	26 02:19 AM 07:52 AM Sa 02:02 PM 08:19 PM	-2.4	-73	11 04:56 AM 10:55 AM M 04:47 PM 10:52 PM	-2.6	-79	26 04:18 AM 09:51 AM Tu 04:06 PM 10:13 PM	-2.6	-79
12 02:51 AM 08:32 AM W 02:55 PM 08:59 PM	-2.7	-82	27 01:42 AM 07:20 AM Th 01:35 PM 07:49 PM	-2.3	-70	12 04:32 AM 10:25 AM Sa 04:16 PM 10:24 PM	-2.6	-79	27 03:28 AM 08:58 AM Su 03:07 PM 09:26 PM	-2.4	-73	12 05:43 AM 11:37 AM Tu 05:34 PM 11:36 PM	-2.6	-79	27 05:21 AM 10:50 AM W 05:13 PM 11:09 PM	-2.7	-82
13 03:54 AM 09:36 AM Th 03:47 PM 09:52 PM	-2.8	-85	28 02:44 AM 08:20 AM F 02:29 PM 08:46 PM	-2.4	-73	13 05:30 AM 11:20 AM Su 05:08 PM 11:15 PM	-2.7	-82	28 04:38 AM 10:03 AM M 04:14 PM 10:28 PM	-2.6	-79	13 06:24 AM 12:09 PM W 06:15 PM	-2.7	-82	28 06:16 AM 11:42 AM Th 06:20 PM	-2.9	-88
14 04:56 AM 10:39 AM F 04:39 PM 10:43 PM	-2.8	-85	29 03:50 AM 09:21 AM Sa 03:28 PM 09:44 PM	-2.5	-76	14 06:19 AM 12:06 PM M 05:55 PM	-2.7	-82	29 05:45 AM 11:05 AM Tu 05:20 PM 11:25 PM	-2.7	-82	14 12:14 AM 07:00 AM Th 12:37 PM 06:52 PM	2.8	85	29 12:01 AM 07:06 AM F 12:29 PM O 07:22 PM	3.8	116
15 05:53 AM 11:36 AM Sa 05:29 PM 11:33 PM	-2.9	-88	30 04:58 AM 10:20 AM Su 04:29 PM 10:41 PM	-2.6	-79	15 12:01 AM 07:01 AM Tu 12:42 PM 06:36 PM	2.9	88	30 06:43 AM 12:00 PM W 06:25 PM	-2.9	-88	15 12:49 AM 07:35 AM F 01:07 PM ● 07:30 PM	2.8	85	30 12:50 AM 07:53 AM Sa 01:14 PM 08:18 PM	3.7	113
31 06:03 AM 11:18 AM M 05:30 PM 11:37 PM	-2.8	-85				31 12:19 AM 07:35 AM Th 12:50 PM O 07:30 PM	4.0	122									

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.

****Warning:** The above predictions referred to NAVD and not to the chart datum of MLLW; Therefore should not be used for navigation purposes.

