



NOAA Tide Predictions

PLYMOUTH, PLYMOUTH HARBOR, MA,2020

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.



PLYMOUTH, PLYMOUTH HARBOR, MA, 2020

Times and Heights of High and Low Waters

January				February				March			
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 03:24 AM 8.9 271		16 03:24 AM 10.6 323		1 04:17 AM 9.1 277		16 04:52 AM 10.9 332		1 03:37 AM 9.5 290		16 05:26 AM 10.9 332	
09:44 AM 1.6 49		09:48 AM -0.1 -3		10:50 AM 1.5 46		11:24 AM -0.2 -6		10:14 AM 1.2 37		12:00 PM -0.1 -3	
W 03:38 PM 9.3 283		Th 03:46 PM 10.7 326		Sa 04:40 PM 8.6 262		Su 05:26 PM 9.5 290		Su 04:04 PM 8.7 265		M 06:04 PM 9.3 283	
10:12 PM 1.0 30		10:16 PM -0.6 -18		11:10 PM 1.6 49		11:44 PM 0.5 15		10:31 PM 1.8 55		0	
2 04:11 AM 8.8 268		17 04:19 AM 10.7 326		2 05:06 AM 9.1 277		17 05:53 AM 10.6 323		2 04:25 AM 9.4 287		17 12:19 AM 0.9 27	
09:44 AM 1.6 49		09:48 AM -0.1 -3		11:44 AM 1.5 46		12:27 PM 0.1 3		11:06 AM 1.3 40		06:27 AM 10.4 317	
Th 04:28 PM 8.9 271		F 04:45 PM 10.2 311		Su 05:34 PM 8.3 253		M 06:32 PM 9.0 274		M 04:56 PM 8.4 256		Tu 01:02 PM 0.3 9	
11:01 PM 1.3 40		11:11 PM -0.2 -6		0		0		11:23 PM 2.0 61		07:10 PM 8.9 271	
3 05:01 AM 8.9 271		18 05:17 AM 10.7 326		3 12:02 AM 1.8 55		18 12:45 AM 0.8 24		3 05:17 AM 9.3 283		18 01:21 AM 1.3 40	
11:29 AM 1.7 52		11:47 AM 10.0 0		05:59 AM 9.1 277		06:57 AM 10.3 314		12:02 PM 1.4 43		02:36 AM 10.0 305	
F 05:21 PM 8.6 262		Sa 05:47 PM 9.7 296		M 12:39 PM 1.4 43		Tu 01:29 PM 0.2 6		Tu 05:53 PM 8.2 250		W 02:04 PM 0.6 18	
11:53 PM 1.5 46		0		06:31 PM 8.2 250		07:39 PM 8.8 268		0		08:19 PM 8.7 265	
4 05:53 AM 8.9 271		19 12:09 AM 0.2 6		4 12:56 AM 1.9 58		19 01:44 AM 1.0 30		4 12:19 AM 2.1 64		19 02:23 AM 1.4 43	
12:25 PM 1.7 52		06:18 AM 10.7 326		06:53 AM 9.3 283		08:00 AM 10.2 311		06:14 AM 9.4 287		09:39 AM 9.8 299	
Sa 06:18 PM 8.4 256		Su 12:49 PM 0.0 0		Tu 01:34 PM 1.2 37		W 02:28 PM 0.3 9		W 01:00 PM 1.2 37		Th 03:04 PM 0.7 21	
		06:53 PM 9.4 287		07:28 PM 8.2 250		08:43 PM 8.7 265		06:53 PM 8.2 250		09:22 PM 8.7 265	
5 12:45 AM 1.6 49		20 01:08 AM 0.4 12		5 01:48 AM 1.8 55		20 02:41 AM 1.1 34		5 01:16 AM 1.9 58		20 03:20 AM 1.4 43	
06:45 AM 9.1 277		07:19 AM 10.7 326		06:59 AM 9.6 293		08:59 AM 10.1 308		07:13 AM 9.7 296		09:39 AM 9.7 296	
Su 01:19 PM 1.4 43		M 01:50 PM -0.1 -3		W 02:27 PM 0.8 24		Th 03:24 PM 0.3 9		Th 01:56 PM 0.8 24		F 03:59 PM 0.8 24	
07:13 PM 8.3 253		07:57 PM 9.2 280		08:22 PM 8.4 256		09:40 PM 8.8 268		07:51 PM 8.5 259		10:18 PM 8.8 268	
6 01:35 AM 1.7 52		21 02:05 AM 0.6 18		6 02:40 AM 1.6 49		21 03:35 AM 1.1 34		6 02:11 AM 1.5 46		21 04:14 AM 1.3 40	
07:35 AM 9.3 283		08:18 AM 10.7 326		08:39 AM 10.0 305		09:52 AM 10.1 308		08:09 AM 10.1 308		10:32 AM 9.7 296	
M 02:10 PM 1.1 34		Tu 02:47 PM -0.2 -6		Th 03:18 PM 0.4 12		F 04:14 PM 0.3 9		F 02:49 PM 0.4 12		Sa 04:48 PM 0.7 21	
08:06 PM 8.4 256		08:57 PM 9.1 277		09:15 PM 8.7 265		10:29 PM 8.9 271		08:46 PM 9.0 274		11:05 PM 9.0 274	
7 02:24 AM 1.6 49		22 03:00 AM 0.7 21		7 03:30 AM 1.2 37		22 04:25 AM 1.0 30		7 03:04 AM 1.0 30		22 05:03 AM 1.2 37	
08:23 AM 9.7 296		09:14 AM 10.7 326		09:30 AM 10.5 320		10:39 AM 10.1 308		09:05 AM 10.6 323		11:17 AM 9.7 296	
Tu 03:00 PM 0.8 24		W 03:42 PM -0.2 -6		F 04:08 PM -0.1 -3		Sa 04:59 PM 0.3 9		Sa 03:41 PM -0.1 -3		Su 05:32 PM 0.7 21	
08:56 PM 8.5 259		09:24 PM 9.0 274		10:06 PM 9.1 277		11:10 PM 9.0 274		09:39 PM 9.6 293		11:43 PM 9.2 280	
8 03:12 AM 1.5 46		23 03:53 AM 0.8 24		8 04:20 AM 0.7 21		23 05:10 AM 0.9 27		8 04:57 AM 0.4 12		23 05:47 AM 1.0 30	
09:11 AM 10.0 305		10:06 AM 10.6 323		10:21 AM 11.0 335		11:19 AM 10.1 308		10:58 AM 11.1 338		11:56 AM 9.8 299	
W 03:48 PM 0.4 12		Th 04:33 PM -0.2 -6		Sa 04:57 PM -0.6 -18		Su 05:40 PM 0.3 9		Su 05:31 PM -0.6 -18		M 06:11 PM 0.7 21	
09:45 PM 8.7 265		10:45 PM 9.1 277		10:55 PM 9.7 296		11:45 PM 9.1 277		11:30 PM 10.3 314			
9 03:59 AM 1.3 40		24 04:43 AM 0.8 24		9 05:09 AM 0.2 6		24 05:51 AM 0.9 27		9 05:48 AM -0.3 -9		24 12:17 AM 9.4 287	
09:57 AM 10.4 317		10:54 AM 10.6 323		11:10 AM 11.5 351		11:55 AM 10.0 305		11:50 AM 11.6 354		06:28 AM 0.8 24	
Th 04:35 PM 0.0 0		F 05:20 PM -0.2 -6		Su 05:44 PM -1.0 -30		M 06:18 PM 0.3 9		M 06:19 PM -1.1 -34		Tu 12:32 PM 9.8 299	
10:32 PM 9.0 274		11:29 PM 9.1 277		11:42 PM 10.2 311		0		0		06:49 PM 0.7 21	
10 04:45 AM 1.0 30		25 05:29 AM 0.8 24		10 05:58 AM -0.3 -9		25 12:19 AM 9.3 283		10 12:19 AM 10.9 332		25 12:49 AM 9.6 293	
10:44 AM 10.9 332		11:36 AM 10.5 320		11:58 AM 11.8 360		06:32 AM 0.8 24		06:38 AM -0.9 -27		07:07 AM 0.7 21	
F 05:21 PM -0.4 -12		Sa 06:03 PM -0.1 -3		M 06:30 PM -1.3 -40		Tu 12:31 PM 9.9 302		Tu 12:40 PM 11.8 360		W 01:06 PM 9.7 296	
11:18 PM 9.4 287		0		0		06:57 PM 0.4 12		07:06 PM -1.3 -40		W 01:27 PM 0.8 24	
11 05:31 AM 0.7 21		26 12:08 AM 9.1 277		11 12:29 AM 10.7 326		26 12:53 AM 9.4 287		11 01:06 AM 11.5 351		26 01:22 AM 9.8 299	
11:30 AM 11.2 341		06:13 AM 0.9 27		06:47 AM -0.7 -21		07:13 AM 0.8 24		07:28 AM -1.3 -40		07:46 AM 0.6 18	
Sa 06:07 PM -0.7 -21		Su 12:16 PM 10.3 314		Tu 12:47 PM 11.8 360		W 01:09 PM 9.8 299		W 01:29 PM 11.9 363		Th 01:42 PM 9.7 296	
		06:44 PM 0.0 0		07:18 PM -1.4 -43		07:36 PM 0.6 18		07:54 PM -1.4 -43		08:05 PM 0.9 27	
12 12:03 AM 9.7 296		27 12:45 AM 9.1 277		12 01:17 AM 11.1 338		27 01:30 AM 9.5 290		12 01:54 AM 11.8 360		27 01:58 AM 9.9 302	
06:18 AM 0.4 12		06:56 AM 1.0 30		07:39 AM -0.9 -27		07:55 AM 0.8 24		08:19 AM -1.5 -46		08:27 AM 0.6 18	
Su 12:16 PM 11.5 351		M 12:55 PM 10.1 308		W 01:38 PM 11.7 357		Th 01:48 PM 9.6 293		Th 02:20 PM 11.6 354		F 02:21 PM 9.5 290	
06:53 PM -1.0 -30		07:26 PM 0.2 6		08:07 PM -1.3 -40		08:17 PM 0.8 24		08:42 PM -1.2 -37		08:44 PM 1.2 37	
13 12:50 AM 10.0 305		28 01:24 AM 9.1 277		13 02:08 AM 11.3 344		28 02:10 AM 9.5 290		13 02:44 AM 11.9 363		28 02:36 AM 9.9 302	
07:06 AM 0.1 3		07:39 AM 1.0 30		08:32 AM -0.9 -27		08:39 AM 0.9 27		09:12 AM -1.4 -43		09:10 AM 0.7 21	
M 01:05 PM 11.6 354		Tu 01:36 PM 9.9 302		Th 02:32 PM 11.3 344		F 02:31 PM 9.3 283		F 03:12 PM 11.2 341		Sa 03:02 PM 9.3 283	
07:41 PM -1.1 -34		08:08 PM 0.4 12		08:58 PM -1.0 -30		08:59 PM 1.1 34		09:33 PM -0.8 -24		09:26 PM 1.4 43	
14 01:39 AM 10.3 314		29 02:04 AM 9.1 277		14 03:00 AM 11.3 344		29 02:52 AM 9.5 290		14 03:36 AM 11.7 357		29 03:17 AM 9.9 302	
07:58 AM 0.0 0		08:24 AM 1.1 34		09:27 AM -0.8 -24		09:25 AM 1.0 30		10:06 AM -1.1 -34		09:55 AM 0.8 24	
Tu 01:56 PM 11.5 351		W 02:18 PM 9.6 293		F 03:27 PM 10.7 326		Sa 03:16 PM 9.0 274		Sa 04:07 PM 10.6 323		Su 03:46 PM 9.1 277	
08:31 PM -1.0 -30		08:51 PM 0.7 21		09:51 PM -0.6 -18		09:44 PM 1.4 43		10:26 PM -0.2 -6		10:10 PM 1.7 52	
15 02:31 AM 10.5 320		30 02:46 AM 9.2 280		15 03:55 AM 11.2 341		30 02:46 AM 9.2 280		15 04:29 AM 11.4 347		30 04:02 AM 9.8 299	
08:52 AM -0.1 -3		09:11 AM 1.2 37		10:24 AM -0.5 -15		09:11 AM 1.2 37		11:02 AM -0.7 -21		10:42 AM 1.0 30	
W 02:50 PM 11.2 341		Th 03:03 PM 9.3 283		Sa 04:24 PM 10.1 308		Th 03:03 PM 9.3 283		Su 05:04 PM 9.9 302		M 04:34 PM 8.8 268	
09:23 PM -0.8 -24		09:35 PM 0.9 27		10:46 PM 0.0 0		0		11:21 PM 0.3 9		10:58 PM 1.9 58	
		31 03:30 AM 9.2 280								31 04:50 AM 9.7 296	
		09:59 AM 1.4 43								11:34 AM 1.1 34	
		F 03:50 PM 9.0 274								Tu 05:26 PM 8.6 262	
		10:21 PM 1.3 40								11:50 PM 2.1 64	



PLYMOUTH, PLYMOUTH HARBOR, MA, 2020

Times and Heights of High and Low Waters

April					May					June																			
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	05:43 AM	9.6	293		16	12:55 AM	1.6	49		1	12:21 AM	1.9	58		16	01:25 AM	1.9	58		1	01:59 AM	0.7	21		16	02:37 AM	1.6	49	
	12:29 PM	1.2	37			07:04 AM	9.7	296			06:15 AM	10.0	305			07:31 AM	9.2	280			07:56 AM	10.2	311			08:38 AM	8.7	265	
W	06:22 PM	8.5	259		Th	01:35 PM	0.9	27		F	12:59 PM	0.8	24		Sa	01:56 PM	1.3	40		M	02:25 PM	0.2	6		Tu	02:55 PM	1.6	49	
☉						07:51 PM	8.8	268			06:56 PM	9.2	280			08:10 PM	9.0	274			08:29 PM	10.8	329			09:01 PM	9.5	290	
2	12:47 AM	2.1	64		17	01:57 AM	1.7	52		2	01:21 AM	1.6	49		17	02:21 AM	1.8	55		2	02:57 AM	0.1	3		17	03:27 AM	1.4	43	
	06:43 AM	9.7	296			08:10 AM	9.5	290			07:17 AM	10.1	308			08:29 AM	9.1	277			08:55 AM	10.3	314			09:28 AM	8.7	265	
Th	01:28 PM	1.1	34		F	02:33 PM	1.1	34		Sa	01:57 PM	0.6	18		Su	02:47 PM	1.4	43		Tu	03:18 PM	0.1	3		W	03:42 PM	1.7	52	
	07:22 PM	8.6	262			08:52 PM	8.8	268			07:56 PM	9.6	293			09:01 PM	9.2	280			09:24 PM	11.3	344			09:45 PM	9.7	296	
3	01:47 AM	1.9	58		18	02:54 AM	1.6	49		3	02:21 AM	1.1	34		18	03:14 AM	1.6	49		3	03:53 AM	-0.4	-12		18	04:15 AM	1.1	34	
	07:43 AM	9.9	302			09:09 AM	9.4	287			08:19 AM	10.3	314			09:55 AM	10.4	317			09:55 AM	10.4	317			10:15 AM	8.7	265	
F	02:26 PM	0.8	24		Sa	03:26 PM	1.1	34		Su	02:52 PM	0.3	9		M	03:35 PM	1.4	43		W	04:11 PM	0.0	0		Th	04:27 PM	1.7	52	
	08:22 PM	9.0	274			09:44 PM	9.0	274			08:53 PM	10.2	311			09:46 PM	9.4	287			10:17 PM	11.7	357			10:29 PM	9.9	302	
4	02:45 AM	1.4	43		19	03:47 AM	1.5	46		4	03:18 AM	0.4	12		19	04:02 AM	1.3	40		4	04:48 AM	-0.8	-24		19	05:01 AM	0.8	24	
	08:40 AM	10.2	311			10:01 AM	9.4	287			08:15 AM	10.6	323			10:09 AM	9.1	277			10:51 AM	10.4	317			11:01 AM	8.8	268	
Sa	03:20 PM	0.3	9		Su	04:14 PM	1.1	34		M	03:45 PM	-0.1	-3		Tu	04:20 PM	1.4	43		Th	05:03 PM	0.0	0		F	05:12 PM	1.7	52	
	09:19 PM	9.5	290			10:29 PM	9.2	280			09:48 PM	10.9	332			10:27 PM	9.7	296			11:09 PM	12.0	366			11:11 PM	10.2	311	
5	03:40 AM	0.7	21		20	04:35 AM	1.3	40		5	04:13 AM	-0.3	-9		20	04:48 AM	1.0	30		5	05:40 AM	-1.1	-34		20	05:46 AM	0.6	18	
	09:40 AM	10.7	326			10:47 AM	9.4	287			10:15 AM	10.9	332			10:53 AM	9.1	277			11:45 AM	10.5	320			11:44 AM	9.0	274	
Su	04:13 PM	-0.1	-3		M	04:57 PM	1.1	34		Tu	04:36 PM	-0.3	-9		W	05:03 PM	1.4	43		F	05:54 PM	0.0	0		Sa	05:56 PM	1.6	49	
	10:13 PM	10.2	311			11:08 PM	9.4	287			10:40 PM	11.5	351			11:06 PM	9.9	302		☉					11:53 PM	10.4	317		
6	04:34 AM	0.0	0		21	05:19 AM	1.0	30		6	05:07 AM	-0.9	-27		21	05:32 AM	0.8	24		6	12:00 AM	12.1	369		21	06:29 AM	0.4	12	
	10:36 AM	11.1	338			11:27 AM	9.4	287			11:10 AM	11.0	335			11:33 AM	9.2	280			06:31 AM	-1.2	-37			12:25 PM	9.1	277	
M	05:04 PM	-0.6	-18		Tu	05:39 PM	1.1	34		W	05:27 PM	-0.5	-15		Th	05:45 PM	1.5	46		Sa	12:36 PM	10.4	317		Su	06:39 PM	1.5	46	
	11:05 PM	10.9	332			11:43 PM	9.7	296			11:31 PM	12.0	366			11:44 PM	10.1	308			06:44 PM	0.1	3		☉				
7	05:27 AM	-0.7	-21		22	06:01 AM	0.8	24		7	05:59 AM	-1.3	-40		22	06:14 AM	0.6	18		7	12:49 AM	12.0	366		22	12:34 AM	10.7	326	
	11:30 AM	11.5	351			12:04 PM	9.5	290			12:02 PM	11.1	338			12:12 PM	9.2	280			07:21 AM	-1.1	-34			07:12 AM	0.2	6	
Tu	05:53 PM	-0.9	-27		W	06:18 PM	1.1	34		Th	06:17 PM	-0.5	-15		F	06:25 PM	1.5	46		Su	01:24 PM	10.2	311		M	01:07 PM	9.3	283	
	11:55 PM	11.6	354		☉				☉				☉							07:33 PM	0.3	9			07:22 PM	1.4	43		
8	06:18 AM	-1.3	-40		23	12:17 AM	9.9	302		8	12:20 AM	12.3	375		23	12:21 AM	10.3	314		8	01:36 AM	11.7	357		23	01:17 AM	10.9	332	
	12:21 PM	11.6	354			06:41 AM	0.6	18			06:49 AM	-1.5	-46			06:55 AM	0.4	12			08:10 AM	-0.8	-24			07:56 AM	0.0	0	
W	06:41 PM	-1.0	-30		Th	12:40 PM	9.5	290		F	12:53 PM	11.1	338		Sa	12:51 PM	9.3	283		M	02:13 PM	10.0	305		Tu	01:51 PM	9.5	290	
☉					☉	06:56 PM	1.2	37			07:05 PM	-0.4	-12			07:06 PM	1.5	46			08:23 PM	0.6	18			08:07 PM	1.3	40	
9	12:43 AM	12.1	369		24	12:51 AM	10.1	308		9	01:08 AM	12.3	375		24	12:59 AM	10.5	320		9	02:25 AM	11.3	344		24	02:02 AM	11.0	335	
	07:09 AM	-1.6	-49			07:20 AM	0.5	15			07:39 AM	-1.5	-46			07:36 AM	0.4	12			08:59 AM	-0.4	-12			08:42 AM	-0.1	-3	
Th	01:11 PM	11.6	354		F	01:16 PM	9.5	290		Sa	01:42 PM	10.8	329		Su	01:30 PM	9.3	283		Tu	03:02 PM	9.7	296		W	02:37 PM	9.6	293	
	07:29 PM	-1.0	-30			07:34 PM	1.3	40			07:55 PM	-0.2	-6			07:47 PM	1.6	49			09:14 PM	1.0	30			08:55 PM	1.2	37	
10	01:30 AM	12.3	375		25	01:27 AM	10.2	311		10	01:57 AM	12.1	369		25	01:39 AM	10.6	323		10	03:15 AM	10.8	329		25	02:50 AM	11.0	335	
	10:39 AM	-0.5	-15			08:01 AM	0.5	15			08:30 AM	-1.2	-37			08:19 AM	0.3	9			09:49 AM	0.0	0			09:30 AM	-0.1	-3	
F	02:01 PM	11.3	344		Sa	01:55 PM	9.4	287		Su	02:33 PM	10.5	320		M	02:13 PM	9.3	283		W	03:53 PM	9.5	290		Th	03:27 PM	9.8	299	
	08:18 PM	-0.7	-21			08:14 PM	1.5	46			08:45 PM	0.2	6			08:30 PM	1.6	49			10:06 PM	1.3	40			09:46 PM	1.1	34	
11	02:20 AM	12.2	372		26	02:05 AM	10.3	314		11	02:47 AM	11.7	357		26	02:23 AM	10.6	323		11	04:06 AM	10.3	314		26	03:42 AM	10.9	332	
	08:51 AM	-1.5	-46			08:43 AM	0.5	15			09:22 AM	-0.8	-24			09:05 AM	0.3	9			10:39 AM	0.4	12			10:20 AM	-0.1	-3	
Sa	02:53 PM	10.9	332		Su	02:36 PM	9.3	283		M	03:25 PM	10.0	305		Tu	02:58 PM	9.3	283		Th	04:44 PM	9.3	283		F	04:18 PM	10.0	305	
	09:09 PM	-0.3	-9			08:56 PM	1.6	49			09:38 PM	0.7	21			09:17 PM	1.7	52			10:58 PM	1.6	49			10:41 PM	0.9	27	
12	03:11 AM	11.9	363		27	02:47 AM	10.3	314		12	03:40 AM	11.1	338		27	03:10 AM	10.6	323		12	04:58 AM	9.8	299		27	04:36 AM	10.8	329	
	09:44 AM	-1.1	-34			09:28 AM	0.6	18			10:15 AM	-0.2	-6			09:53 AM	0.4	12			11:30 AM	0.8	24			11:12 AM	0.0	0	
Su	03:46 PM	10.4	317		M	03:2																							



PLYMOUTH, PLYMOUTH HARBOR, MA, 2020

Times and Heights of High and Low Waters

July				August				September			
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height
1	02:37 AM 0.0 0 08:38 AM 9.9 302 W 02:55 PM 0.4 12 09:02 PM 11.3 344	16	02:51 AM 1.4 43 08:47 AM 8.4 256 Th 03:05 PM 1.9 58 09:06 PM 9.6 293	1	04:13 AM -0.1 -3 10:23 AM 9.4 287 Sa 04:26 PM 0.8 24 10:38 PM 11.0 335	16	03:59 AM 0.9 27 09:55 AM 8.7 265 Su 04:11 PM 1.6 49 10:10 PM 10.3 314	1	05:37 AM 0.3 9 11:49 AM 9.4 287 Tu 05:49 PM 0.9 27	16	05:07 AM -0.1 -3 11:05 AM 10.2 311 W 05:24 PM 0.2 6 11:25 PM 11.3 344
2	03:34 AM -0.3 -9 09:38 AM 9.8 299 Th 03:49 PM 0.4 12 09:58 PM 11.5 351	17	03:41 AM 1.2 37 09:38 AM 8.5 259 F 03:53 PM 1.9 58 09:53 PM 9.9 302	2	05:07 AM -0.2 -6 11:18 AM 9.4 287 Su 05:18 PM 0.8 24 11:30 PM 11.0 335	17	04:48 AM 0.5 15 10:45 AM 9.1 277 M 05:00 PM 1.2 37 11:00 PM 10.7 326	2	12:01 AM 10.4 317 06:20 AM 0.3 9 W 12:27 PM 9.5 290 O 06:33 PM 0.8 24	17	05:54 AM -0.5 -15 11:53 AM 10.8 329 Th 06:14 PM -0.5 -15
3	04:30 AM -0.5 -15 10:35 AM 9.8 299 F 04:43 PM 0.4 12 10:52 PM 11.6 354	18	04:30 AM 0.9 27 10:27 AM 8.6 262 Sa 04:41 PM 1.7 52 10:40 PM 10.2 311	3	05:57 AM -0.2 -6 12:06 PM 9.5 290 M 06:08 PM 0.8 24 O	18	05:36 AM 0.1 3 11:33 AM 9.6 293 Tu 05:48 PM 0.7 21 11:48 PM 11.2 341	3	12:39 AM 10.3 314 07:00 AM 0.4 12 Th 01:02 PM 9.6 293 07:15 PM 0.8 24	18	12:14 AM 11.7 357 06:40 AM -0.8 -24 F 12:39 PM 11.5 351 07:02 PM -1.0 -30
4	05:23 AM -0.7 -21 11:30 AM 9.8 299 Sa 05:35 PM 0.5 15 11:44 PM 11.6 354	19	05:17 AM 0.6 18 11:14 AM 8.9 271 Su 05:27 PM 1.5 46 11:26 PM 10.6 323	4	12:17 AM 10.9 332 06:43 AM -0.1 -3 Tu 12:49 PM 9.5 290 06:54 PM 0.8 24	19	06:22 AM -0.4 -12 12:19 PM 10.1 308 W 06:36 PM 0.2 6	4	01:16 AM 10.2 311 07:38 AM 0.6 18 F 01:37 PM 9.7 296 07:56 PM 0.8 24	19	01:03 AM 11.8 360 07:07 AM -0.9 -27 Sa 01:26 PM 11.9 363 07:52 PM -1.2 -37
5	06:14 AM -0.7 -21 12:21 PM 9.8 299 Su 06:25 PM 0.5 15 O	20	06:03 AM 0.2 6 12:00 PM 9.2 280 M 06:13 PM 1.2 37	5	12:59 AM 10.7 326 07:26 AM 0.0 0 W 01:29 PM 9.5 290 07:38 PM 0.9 27	20	12:35 AM 11.5 351 07:07 AM -0.7 -21 Th 01:04 PM 10.6 323 07:23 PM -0.2 -6	5	01:53 AM 10.0 305 08:18 AM 0.8 24 Sa 02:13 PM 9.7 296 08:38 PM 0.9 27	20	01:52 AM 11.7 357 08:15 AM -0.8 -24 Su 02:14 PM 12.1 369 08:44 PM -1.3 -40
6	12:32 AM 11.5 351 07:02 AM -0.6 -18 M 01:07 PM 9.7 296 07:13 PM 0.7 21	21	12:11 AM 10.9 332 06:48 AM -0.1 -3 Tu 12:44 PM 9.5 290 06:58 PM 0.9 27	6	01:40 AM 10.5 320 08:08 AM 0.2 6 Th 02:08 PM 9.5 290 08:22 PM 1.0 30	21	01:23 AM 11.7 357 07:53 AM -0.8 -24 F 01:51 PM 11.1 338 08:13 PM -0.5 -15	6	02:32 AM 9.8 299 08:59 AM 1.1 34 Su 02:52 PM 9.7 296 09:22 PM 1.0 30	21	02:44 AM 11.3 344 09:05 AM -0.6 -18 M 03:06 PM 12.0 366 09:38 PM -1.1 -34
7	01:18 AM 11.2 341 09:49 AM -0.4 -12 Tu 01:52 PM 9.6 293 08:01 PM 0.9 27	22	12:56 AM 11.2 341 07:32 AM -0.4 -12 W 01:28 PM 9.9 302 07:45 PM 0.6 18	7	02:21 AM 10.2 311 08:50 AM 0.5 15 F 02:48 PM 9.5 290 09:08 PM 1.1 34	22	02:12 AM 11.7 357 08:40 AM -0.8 -24 Sa 02:39 PM 11.4 347 09:05 PM -0.6 -18	7	03:15 AM 9.5 290 09:41 AM 1.4 43 M 03:34 PM 9.7 296 10:07 PM 1.2 37	22	03:38 AM 10.9 332 09:58 AM -0.1 -3 Tu 04:00 PM 11.7 357 10:34 PM -0.8 -24
8	02:03 AM 10.9 332 08:35 AM -0.1 -3 W 02:37 PM 9.5 290 08:49 PM 1.1 34	23	01:42 AM 11.4 347 08:18 AM -0.5 -15 Th 02:15 PM 10.2 311 08:34 PM 0.4 12	8	03:03 AM 9.9 302 09:33 AM 0.8 24 Sa 03:30 PM 9.5 290 09:54 PM 1.3 40	23	03:03 AM 11.4 347 09:30 AM -0.7 -21 Su 03:31 PM 11.5 351 09:59 PM -0.6 -18	8	03:59 AM 9.2 280 10:26 AM 1.7 52 Tu 04:19 PM 9.6 293 10:56 PM 1.4 43	23	04:35 AM 10.3 314 10:53 AM 0.3 9 W 04:56 PM 11.3 344 11:32 PM -0.3 -9
9	02:48 AM 10.5 320 09:21 AM 0.2 6 Th 03:22 PM 9.4 287 09:37 PM 1.3 40	24	02:31 AM 11.4 347 09:06 AM -0.6 -18 F 03:04 PM 10.5 320 09:26 PM 0.2 6	9	03:48 AM 9.6 293 10:17 AM 1.1 34 Su 04:14 PM 9.5 290 10:42 PM 1.4 43	24	03:58 AM 11.0 335 10:22 AM -0.3 -9 M 04:24 PM 11.5 351 10:55 PM -0.5 -15	9	04:47 AM 8.8 268 11:14 AM 2.0 61 W 05:07 PM 9.4 287 11:47 PM 1.5 46	24	05:35 AM 9.7 296 11:51 AM 0.8 24 Th 05:57 PM 10.8 329
10	03:35 AM 10.1 308 10:07 AM 0.6 18 F 04:08 PM 9.3 283 10:27 PM 1.5 46	25	03:23 AM 11.3 344 09:56 AM -0.5 -15 Sa 03:55 PM 10.8 329 10:20 PM 0.1 3	10	04:34 AM 9.2 280 11:03 AM 1.4 43 M 04:59 PM 9.4 287 11:31 PM 1.5 46	25	04:54 AM 10.5 320 11:16 AM 0.1 3 Tu 05:20 PM 11.3 344 11:54 PM -0.2 -6	10	05:38 AM 8.5 259 12:05 PM 2.3 70 Th 05:58 PM 9.3 283	25	12:33 AM 0.1 3 06:40 AM 9.3 283 F 12:53 PM 1.2 37 07:03 PM 10.4 317
11	04:23 AM 9.7 296 10:54 AM 0.9 27 Sa 04:55 PM 9.3 283 11:17 PM 1.6 49	26	04:17 AM 11.0 335 10:47 AM -0.3 -9 Su 04:48 PM 10.9 332 11:16 PM 0.1 3	11	05:23 AM 8.9 271 11:51 AM 1.8 55 Tu 05:48 PM 9.3 283	26	05:54 AM 9.9 302 12:14 PM 0.5 15 W 06:20 PM 11.0 335	11	12:43 AM 1.6 49 06:34 AM 8.3 253 F 01:00 PM 2.4 73 06:55 PM 9.3 283	26	01:36 AM 0.4 12 07:49 AM 9.1 277 Sa 01:56 PM 1.3 40 08:11 PM 10.2 311
12	05:12 AM 9.3 283 11:42 AM 1.2 37 Su 05:43 PM 9.2 280	27	05:13 AM 10.5 320 11:41 AM 0.0 0 M 05:44 PM 11.0 335	12	12:24 AM 1.7 52 06:16 AM 8.5 259 W 12:43 PM 2.0 61 06:40 PM 9.3 283	27	12:55 AM 0.0 0 06:59 AM 9.5 290 Th 01:14 PM 0.9 27 07:24 PM 10.8 329	12	01:40 AM 1.5 46 07:33 AM 8.3 253 Sa 01:57 PM 2.3 70 07:53 PM 9.5 290	27	02:38 AM 0.6 18 08:55 AM 9.1 277 Su 02:56 PM 1.3 40 09:13 PM 10.1 308
13	12:09 AM 1.7 52 06:03 AM 8.9 271 M 12:32 PM 1.5 46 06:33 PM 9.2 280	28	12:15 AM 0.1 3 06:13 AM 10.1 308 Tu 12:37 PM 0.3 9 06:43 PM 11.0 335	13	01:20 AM 1.7 52 07:12 AM 8.3 253 Th 01:37 PM 2.2 67 07:34 PM 9.3 283	28	01:58 AM 0.2 6 08:06 AM 9.2 280 F 02:16 PM 1.0 30 08:28 PM 10.6 323	13	02:35 AM 1.3 40 08:31 AM 8.5 259 Su 02:51 PM 1.9 58 08:49 PM 9.9 302	28	03:34 AM 0.6 18 09:53 AM 9.3 283 M 03:52 PM 1.2 37 10:09 PM 10.1 308
14	01:04 AM 1.7 52 06:58 AM 8.6 262 Tu 01:24 PM 1.8 55 07:25 PM 9.3 283	29	01:17 AM 0.1 3 07:17 AM 9.7 296 W 01:36 PM 0.5 15 07:44 PM 11.0 335	14	02:15 AM 1.5 46 08:09 AM 8.3 253 F 02:30 PM 2.1 64 08:28 PM 9.5 290	29	02:59 AM 0.3 9 09:11 AM 9.2 280 Sa 03:14 PM 1.1 34 09:29 PM 10.5 320	14	03:28 AM 0.9 27 09:25 AM 8.9 271 M 03:43 PM 1.4 43 09:43 PM 10.4 317	29	04:25 AM 0.6 18 10:43 AM 9.4 287 Tu 04:42 PM 1.0 30 10:58 PM 10.0 305
15	01:58 AM 1.6 49 07:54 AM 8.5 259 W 02:15 PM 1.9 58 08:16 PM 9.4 287	30	02:18 AM 0.0 0 08:21 AM 9.5 290 Th 02:34 PM 0.7 21 08:44 PM 11.0 335	15	03:08 AM 1.3 40 09:03 AM 8.4 256 Sa 03:21 PM 2.0 61 09:20 PM 9.9 302	30	03:56 AM 0.3 9 10:11 AM 9.2 280 Su 04:10 PM 1.0 30 10:26 PM 10.5 320	15	04:18 AM 0.4 12 10:16 AM 9.5 290 Tu 04:34 PM 0.8 24 10:35 PM 10.9 332	30	05:11 AM 0.6 18 11:24 AM 9.6 293 W 05:28 PM 0.9 27 11:39 PM 10.0 305
		31	03:17 AM -0.1 -3 09:23 AM 9.4 287 F 03:31 PM 0.8 24 09:42 PM 11.0 335			31	04:49 AM 0.3 9 11:04 AM 9.3 283 M 05:02 PM 1.0 30 11:17 PM 10.5 320				



PLYMOUTH, PLYMOUTH HARBOR, MA,2020

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	05:52 AM	0.7	21		16	05:26 AM	-0.5	-15		1	12:25 AM	9.4	287		16	05:38 AM	-0.5	-15		1	05:49 AM	1.5	46		16	06:09 AM	-0.1	-3	
	12:00 PM	9.7	296			11:27 AM	11.5	351			05:38 AM	1.2	37			11:41 AM	12.5	381			11:44 AM	10.2	311			12:12 PM	12.0	366	
	Th 06:10 PM	0.8	24			F 05:52 PM	-1.0	-30		Su	11:35 AM	10.1	308		M	06:13 PM	-1.8	-55		Tu	06:20 PM	0.3	9		W	06:46 PM	-1.4	-43	
	O					● 11:54 PM	11.5	351			06:04 PM	0.5	15																
2	12:16 AM	9.9	302		17	06:14 AM	-0.8	-24		2	12:01 AM	9.4	287		17	12:15 AM	10.9	332		2	12:14 AM	9.0	274		17	12:49 AM	10.2	311	
	06:31 AM	0.8	24			12:15 PM	12.1	369			06:36 AM	1.4	43			06:28 AM	-0.4	-12			06:29 AM	1.6	49			06:59 AM	0.1	3	
	F 12:33 PM	9.8	299			Sa 06:42 PM	-1.5	-46		M	12:10 PM	10.2	311		Tu	12:30 PM	12.4	378		W	12:22 PM	10.3	314		Th	01:02 PM	11.7	357	
	06:50 PM	0.7	21								06:43 PM	0.5	15			07:04 PM	-1.6	-49			07:01 PM	0.3	9			07:36 PM	-1.0	-30	
3	12:51 AM	9.8	299		18	12:43 AM	11.5	351		3	12:38 AM	9.3	283		18	01:06 AM	10.6	323		3	12:55 AM	9.0	274		18	01:39 AM	9.9	302	
	07:08 AM	0.9	27			07:01 AM	-0.8	-24			06:56 AM	1.6	49			07:19 AM	-0.1	-3			07:11 AM	1.6	49			07:50 AM	0.4	12	
	Sa 01:05 PM	9.9	302			Su 01:02 PM	12.4	378		Tu	12:47 PM	10.2	311		W	01:21 PM	12.0	366		Th	01:03 PM	10.3	314		F	01:52 PM	11.2	341	
	07:29 PM	0.7	21			07:32 PM	-1.7	-52			07:25 PM	0.6	18			07:56 PM	-1.2	-37			07:45 PM	0.4	12			08:26 PM	-0.6	-18	
4	01:26 AM	9.7	296		19	01:33 AM	11.4	347		4	01:18 AM	9.1	277		19	01:59 AM	10.2	311		4	01:38 AM	9.0	274		19	02:30 AM	9.7	296	
	07:46 AM	1.1	34			07:50 AM	-0.7	-21			06:37 AM	1.8	55			08:12 AM	0.3	9			07:56 AM	1.7	52			08:43 AM	0.7	21	
	Su 01:40 PM	10.0	305			M 01:51 PM	12.5	381		W	01:28 PM	10.1	308		Th	02:14 PM	11.5	351		F	01:48 PM	10.3	314		Sa	02:44 PM	10.6	323	
	08:09 PM	0.7	21			08:23 PM	-1.6	-49			08:09 PM	0.7	21			08:50 PM	-0.7	-21			08:31 PM	10.4	314			09:17 PM	-0.1	-3	
5	02:04 AM	9.5	290		20	02:24 AM	11.1	338		5	02:01 AM	9.0	274		20	02:54 AM	9.8	299		5	02:25 AM	9.0	274		20	03:22 AM	9.4	287	
	08:26 AM	1.4	43			08:41 AM	-0.3	-9			08:22 AM	2.0	61			09:07 AM	0.7	21			08:45 AM	1.7	52			09:36 AM	1.0	30	
	M 02:17 PM	10.0	305			Tu 02:42 PM	12.2	372		Th	02:13 PM	10.0	305		F	03:10 PM	10.9	332		Sa	02:37 PM	10.2	311		Su	03:37 PM	10.0	305	
	08:52 PM	0.8	24			09:17 PM	-1.3	-40			08:56 PM	0.9	27			09:44 PM	-0.2	-6			09:20 PM	0.5	15			10:08 PM	0.3	9	
6	02:44 AM	9.3	283		21	03:19 AM	10.6	323		6	02:49 AM	8.8	268		21	03:51 AM	9.5	290		6	03:15 AM	9.1	277		21	04:14 AM	9.2	280	
	09:07 AM	1.6	49			09:34 AM	0.1	3			09:10 AM	2.1	64			10:04 AM	1.1	34			09:36 AM	1.7	52			10:30 AM	1.3	40	
	Tu 02:58 PM	9.9	302			W 10:32 PM	11.7	357		F	03:01 PM	9.9	302		Sa	04:07 PM	10.3	314		Su	03:29 PM	10.1	308		M	04:30 PM	9.5	290	
	09:36 PM	1.0	30			03:16 PM	-0.8	-24			09:46 PM	1.0	30			10:40 PM	0.3	9			10:11 PM	0.5	15			11:00 PM	0.8	24	
7	03:28 AM	9.1	277		22	04:15 AM	10.1	308		7	03:39 AM	8.7	265		22	04:49 AM	9.2	280		7	04:07 AM	9.2	280		22	05:07 AM	9.1	277	
	09:52 AM	1.9	58			10:30 AM	0.6	18			10:01 AM	2.2	67			11:02 AM	1.4	43			10:31 AM	1.6	49			11:26 AM	1.5	46	
	W 03:43 PM	9.8	299			Th 04:33 PM	11.2	341		Sa	03:53 PM	9.7	296		Su	05:07 PM	9.7	296		M	04:24 PM	10.0	305		Tu	05:26 PM	9.0	274	
	10:24 PM	1.2	37			11:09 PM	-0.3	-9			10:38 PM	1.1	34			● 11:37 PM	0.7	21			11:04 PM	0.5	15			11:53 PM	1.1	34	
8	04:16 AM	8.8	268		23	05:14 AM	9.6	293		8	04:33 AM	8.7	265		23	05:51 AM	9.1	277		8	05:02 AM	9.5	290		23	06:02 AM	9.1	277	
	10:39 AM	2.2	67			11:29 AM	1.1	34			10:57 AM	2.2	67			12:03 PM	1.6	49			11:30 AM	1.3	40			12:24 PM	1.5	46	
	Th 04:31 PM	9.6	293			F 05:34 PM	10.6	323		Su	04:50 PM	9.7	296		M	06:10 PM	9.3	283		Tu	05:23 PM	9.8	299		W	06:25 PM	8.7	265	
	11:14 PM	1.4	43			●				●	11:34 PM	1.0	30																
9	05:06 AM	8.6	262		24	12:08 AM	0.3	9		9	05:30 AM	8.9	271		24	12:34 AM	1.0	30		9	12:00 AM	0.5	15		24	12:46 AM	1.3	40	
	11:31 AM	2.4	73			06:18 AM	9.2	280			11:57 AM	1.9	58			06:51 AM	9.1	277			06:00 AM	9.9	302			06:56 AM	9.1	277	
	F 05:23 PM	9.5	290			Sa 12:30 PM	1.4	43		M	05:50 PM	9.7	296		Tu	01:02 PM	1.5	46		W	12:30 PM	0.9	27		Th	01:19 PM	1.4	43	
						06:38 PM	10.1	308							07:11 PM	9.1	277			06:25 PM	9.8	299			07:22 PM	8.5	259		
10	12:09 AM	1.5	46		25	01:10 AM	0.6	18		10	12:31 AM	0.8	24		25	01:27 AM	1.1	34		10	12:55 AM	0.4	12		25	01:36 AM	1.5	46	
	06:01 AM	8.4	256			07:25 AM	9.1	277			06:29 AM	9.3	283			07:44 AM	9.3	283			06:58 AM	10.4	317			07:45 AM	9.3	283	
	Sa 12:27 PM	2.4	73			Su 01:33 PM	1.5	46		Tu	12:56 PM	1.4	43		W	01:56 PM	1.3	40		Th	01:28 PM	0.3	9		F	02:10 PM	1.2	37	
	● 06:20 PM	9.5	290			07:46 PM	9.7	296			06:51 PM	9.9	302			08:06 PM	9.0	274			07:26 PM	9.9	302			08:14 PM	8.4	256	
11	01:06 AM	1.4	43		26	02:10 AM	0.8	24		11	01:26 AM	0.5	15		26	02:16 AM	1.2	37		11	01:50 AM	0.2	6		26	02:25 AM	1.6	49	
	07:00 AM	8.5	259			08:30 AM	9.1	277			07:26 AM	9.9	302			08:31 AM	9.5	290			07:53 AM	10.9	332			08:31 AM	9.4	287	
	Su 01:26 PM	2.2	67			M 02:33 PM	1.4	43		W	01:52 PM	0.7	21		Th	02:46 PM	1.1	34		F	02:25 PM	-0.3	-9		Sa	02:59 PM	1.0	30	
	07:20 PM	9.6	293			08:48 PM	9.6	293			07:50 PM	10.2	311			08:55 PM	8.9	271			08:24 PM	10.1	308			09:02 PM	8.4	256	
12	02:03 AM	1.1	34		27	03:04 AM	0.9	27		12	02:18 AM	0.2	6		27	03:02 AM	1.3	40		12	02:43 AM	0.0	0		27	03:11 AM	1.6	49	
	08:00 AM	8.8	268			09:24 AM	9.3	283			08:20 AM	10.6	323			09:13 AM	9.6	293			08:47 AM	11.4	347			09:15 AM	9.6	293	
	M 02:23 PM	1.8	55			Tu 03:28 PM	1.3	40		Th	02:47 PM	0.0	0		F	03:32													