



NOAA Tide Predictions

PLYMOUTH, PLYMOUTH HARBOR, 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.



PLYMOUTH, PLYMOUTH HARBOR, 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	12:33 AM	9.0	274		16	01:18 AM	9.6	293		1	01:38 AM	10.2	311		16	02:13 AM	9.6	293		1	12:27 AM	10.7	326		16	02:00 AM	9.9	302	
	06:47 AM	1.3	40			07:29 AM	0.5	15			07:59 AM	0.1	3			08:36 AM	0.7	21			06:49 AM	-0.5	-15			08:23 AM	0.5	15	
F	12:42 PM	10.6	323		Sa	01:31 PM	10.7	326		M	01:55 PM	10.9	332		Tu	02:32 PM	9.6	293		M	12:47 PM	11.3	344		Tu	02:20 PM	9.7	296	
	07:22 PM	-0.1	-3			08:01 PM	-0.3	-9			08:28 PM	-0.5	-15			08:58 PM	0.7	21			07:15 PM	-0.8	-24			08:41 PM	0.8	24	
2	01:16 AM	9.2	280		17	02:04 AM	9.5	290		2	02:25 AM	10.5	320		17	02:55 AM	9.5	290		2	01:12 AM	11.1	338		17	02:37 AM	9.9	302	
	08:32 AM	1.1	34			08:18 AM	0.7	21			08:51 AM	0.0	0			09:23 AM	0.9	27			07:38 AM	-0.7	-21			09:05 AM	0.6	18	
Sa	01:27 PM	10.7	326		Su	02:18 PM	10.2	311		Tu	02:47 PM	10.7	326		W	03:17 PM	9.1	277		Tu	01:36 PM	11.1	338		W	03:00 PM	9.4	287	
	08:07 PM	-0.1	-3			08:47 PM	0.1	3			09:16 PM	-0.3	-9			09:43 PM	1.1	34			08:02 PM	-0.7	-21			09:23 PM	1.1	34	
3	02:02 AM	9.4	287		18	02:50 AM	9.4	287		3	03:16 AM	10.7	326		18	03:40 AM	9.4	287		3	02:00 AM	11.3	344		18	03:17 AM	9.8	299	
	08:21 AM	1.0	30			09:07 AM	0.9	27			09:44 AM	-0.1	-3			10:11 AM	1.1	34			08:29 AM	-0.8	-24			09:50 AM	0.8	24	
Su	02:15 PM	10.6	323		M	03:05 PM	9.7	296		W	03:40 PM	10.3	314		Th	04:04 PM	8.7	265		W	02:27 PM	10.8	329		Th	03:43 PM	9.1	277	
	08:54 PM	-0.1	-3			09:34 PM	0.5	15			10:07 PM	-0.1	-3			10:30 PM	1.6	49			08:51 PM	-0.4	-12			10:07 PM	1.5	46	
4	02:51 AM	9.6	293		19	03:36 AM	9.3	283		4	04:08 AM	10.7	326		19	04:26 AM	9.2	280		4	02:51 AM	11.4	347		19	04:00 AM	9.6	293	
	09:12 AM	0.9	27			09:57 AM	1.1	34			11:41 AM	-0.1	-3			11:03 AM	1.4	43			10:23 AM	-0.7	-21			11:36 AM	1.0	30	
M	03:07 PM	10.4	317		Tu	03:54 PM	9.2	280		Th	04:37 PM	9.8	299		F	04:55 PM	8.3	253		Th	03:21 PM	10.4	317		F	04:29 PM	8.7	265	
	09:43 PM	0.0	0			10:21 PM	0.9	27		☉	11:02 PM	0.3	9		☾	11:21 PM	1.9	58			09:43 PM	0.0	0			10:53 PM	1.9	58	
5	03:41 AM	9.9	302		20	04:23 AM	9.2	280		5	05:05 AM	10.7	326		20	05:17 AM	9.1	277		5	03:45 AM	11.2	341		20	04:46 AM	9.4	287	
	10:06 AM	0.8	24			10:49 AM	1.3	40			11:41 AM	0.0	0			11:58 AM	1.5	46			10:20 AM	-0.5	-15			11:26 AM	1.3	40	
Tu	04:01 PM	10.2	311		W	04:44 PM	8.7	265		F	05:38 PM	9.4	287		Sa	05:51 PM	8.0	244		F	04:18 PM	9.8	299		Sa	05:19 PM	8.4	256	
	10:34 PM	0.1	3		☾	11:10 PM	1.3	40													10:39 PM	0.4	12			11:43 PM	2.2	67	
6	04:34 AM	10.1	308		21	05:13 AM	9.1	277		6	12:01 AM	0.6	18		21	12:15 AM	2.2	67		6	04:42 AM	10.9	332		21	05:36 AM	9.2	280	
	11:04 AM	0.6	18			11:43 AM	1.5	46			06:05 AM	10.7	326			06:13 AM	9.0	274			11:20 AM	-0.2	-6			12:20 PM	1.5	46	
W	04:58 PM	9.9	302		Th	05:39 PM	8.3	253		Sa	12:44 PM	0.0	0		Su	12:55 PM	1.5	46		Sa	05:20 PM	9.3	283		Su	06:12 PM	8.1	247	
☉	11:29 PM	0.3	9								06:44 PM	9.1	277			06:50 PM	7.8	238		☉	11:39 PM	0.8	24		☾				
7	05:31 AM	10.3	314		22	12:02 AM	1.6	49		7	01:01 AM	0.7	21		22	01:10 AM	2.2	67		7	05:45 AM	10.6	323		22	12:38 AM	2.4	73	
	12:04 PM	0.4	12			06:05 AM	9.0	274			07:08 AM	10.7	326			07:09 AM	9.1	277			12:24 PM	0.1	3			06:32 AM	9.1	277	
Th	06:00 PM	9.6	293		F	12:39 PM	1.5	46		Su	01:45 AM	-0.1	-3		M	01:50 PM	1.4	43		Su	06:28 PM	9.0	274		M	01:18 PM	1.6	49	
						06:36 PM	8.1	247			07:49 PM	9.0	274			07:47 PM	7.9	241								07:11 PM	8.0	244	
8	12:26 AM	0.4	12		23	12:55 AM	1.8	55		8	02:01 AM	0.8	24		23	02:04 AM	2.1	64		8	12:42 AM	1.0	30		23	01:35 AM	2.4	73	
	06:30 AM	10.6	323			06:59 AM	9.1	277			08:10 AM	10.7	326			08:04 AM	9.3	283			06:52 AM	10.4	317			07:30 AM	9.1	277	
F	01:05 PM	0.0	0		Sa	01:33 PM	1.4	43		M	02:45 PM	-0.2	-6		Tu	02:42 PM	1.1	34		M	01:27 PM	0.2	6		Tu	02:14 PM	1.5	46	
	07:03 PM	9.4	287			07:32 PM	8.0	244			08:52 PM	9.0	274			08:40 PM	8.1	247			07:37 PM	8.9	271			08:10 PM	8.1	247	
9	01:23 AM	0.5	15		24	01:47 AM	1.9	58		9	02:58 AM	0.7	21		24	02:54 AM	1.8	55		9	01:45 AM	1.0	30		24	02:31 AM	2.2	67	
	07:28 AM	10.9	332			07:50 AM	9.2	280			09:10 AM	10.8	329			08:55 AM	9.7	296			07:58 AM	10.3	314			08:28 AM	9.4	287	
Sa	02:04 PM	-0.3	-9		Su	02:25 PM	1.2	37		Tu	03:42 PM	-0.4	-12		W	03:32 PM	0.7	21		Tu	02:28 PM	0.2	6		W	03:08 PM	1.2	37	
	08:05 PM	9.4	287			08:25 PM	8.0	244			09:52 PM	9.2	280			09:30 PM	8.5	259			08:41 PM	9.0	274			09:05 PM	8.4	256	
10	02:19 AM	0.4	12		25	02:37 AM	1.9	58		10	03:54 AM	0.6	18		25	03:44 AM	1.4	43		10	02:44 AM	0.9	27		25	03:24 AM	1.8	55	
	08:26 AM	11.1	338			08:39 AM	9.4	287			10:07 AM	10.9	332			09:44 AM	10.1	308			09:00 AM	10.3	314			09:23 AM	9.7	296	
Su	03:01 PM	-0.6	-18		M	03:15 PM	0.9	27		W	04:35 PM	-0.4	-12		Th	04:19 PM	0.3	9		W	03:25 PM	0.1	3		Th	03:58 PM	0.8	24	
	09:05 PM	9.4	287			09:15 PM	8.1	247			10:45 PM	9.4	287			10:17 PM	9.0	274			09:40 PM	9.2	280			09:57 PM	9.0	274	
11	03:14 AM	0.4	12		26	03:25 AM	1.7	52		11	04:47 AM	0.4	12		26	04:31 AM	0.9	27		11	03:40 AM	0.8	24		26	04:15 AM	1.2	37	
	09:22 AM	11.3	344			09:27 AM	9.7	296			10:58 AM	10.9	332			10:31 AM	10.5	320			09:56 AM	10.4	317			10:14 AM	10.2	311	
M	03:57 PM	-0.8	-24		Tu	04:03 PM	0.6	18		Th	05:23 PM	-0.5	-15		F	05:04 PM	-0.1	-3		Th	04:16 PM	0.1	3		F	04:47 PM	0.3	9	
	10:02 PM	9.5	290			10:03 PM	8.4	256		☉	11:32 PM	9.5	290			11:01 PM	9.6	293			10:30 PM	9.4	287			10:45 PM	9.6	293	
12	04:09 AM	0.3	9		27	04:12 AM	1.5	46		12	05:35 AM	0.3	9		27	05:17 AM	0.4	12		12	04:31 AM	0.6	18		27	05:04 AM	0.5	15	
	10:17 AM	11.5	351			10:13 AM	10.0	305			11:44 AM	10.8	329			11:17 AM	10.9	332			10:45 AM	10.4	317			11:05 AM	10.7	326	
Tu	04:50 PM	-1.0	-30		W	04:49 PM	0																						



PLYMOUTH, PLYMOUTH HARBOR, 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	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	h m	ft cm	
1 02:36 AM	12.0 366	16 02:42 AM	10.0 305	1 03:08 AM	12.0 366	16 02:57 AM	10.0 305	1 04:43 AM	10.8 329	16 04:07 AM	10.1 308			
09:09 AM	-1.3 -40	09:09 AM	0.8 24	09:45 AM	-1.1 -34	09:39 AM	0.9 27	11:15 AM	0.0 0	11:15 AM	0.7 21			
Th 03:09 PM	10.8 329	F 03:13 PM	9.0 274	Sa 03:47 PM	10.3 314	Su 03:32 PM	8.8 268	Tu 05:24 PM	9.7 296	W 04:44 PM	9.3 283			
09:27 PM	-0.2 -6	09:34 PM	1.9 58	10:02 PM	0.4 12	09:52 PM	2.2 67	11:37 PM	1.2 37	11:07 PM	1.8 55			
2 03:28 AM	11.9 363	17 03:26 AM	9.8 299	2 04:04 AM	11.5 351	17 03:43 AM	9.9 302	2 05:41 AM	10.2 311	17 04:59 AM	10.0 305			
10:04 AM	-1.0 -30	10:06 AM	1.0 30	10:41 AM	-0.6 -18	10:27 AM	1.0 30	12:11 PM	0.4 12	11:38 AM	0.8 24			
F 04:04 PM	10.3 314	Sa 03:59 PM	8.7 265	Su 04:45 PM	9.8 299	M 04:21 PM	8.7 265	W 06:24 PM	9.5 290	Th 05:35 PM	9.5 290			
10:21 PM	0.2 6	10:20 PM	2.1 64	10:59 PM	0.8 24	10:41 PM	2.3 70							
3 04:23 AM	11.5 351	18 04:12 AM	9.6 293	3 05:03 AM	11.0 335	18 04:33 AM	9.8 299	3 12:37 AM	1.4 43	18 12:01 AM	1.6 49			
11:00 AM	-0.6 -18	10:55 AM	1.2 37	11:39 AM	-0.1 -3	11:17 AM	1.1 34	06:43 AM	9.7 296	05:54 AM	9.9 302			
Sa 05:02 PM	9.8 299	Su 04:48 PM	8.5 259	M 05:46 PM	9.5 290	Tu 05:11 PM	8.7 265	Th 01:08 PM	0.8 24	F 12:30 PM	0.8 24			
11:19 PM	0.7 21	11:10 PM	2.4 73			11:34 PM	2.3 70	07:24 PM	9.5 290	06:29 PM	9.8 299			
4 05:22 AM	11.0 335	19 05:02 AM	9.5 290	4 12:00 AM	1.2 37	19 05:26 AM	9.7 296	4 01:37 AM	1.4 43	19 12:59 AM	1.2 37			
12:04 PM	-1.1 -3	11:47 AM	1.4 43	06:06 AM	10.4 317	12:09 PM	1.2 37	07:46 AM	9.3 283	06:52 AM	9.8 299			
Su 06:04 PM	9.4 287	M 05:40 PM	8.3 253	Tu 12:40 PM	0.4 12	W 06:05 PM	8.9 271	F 02:03 PM	1.1 34	Sa 01:24 PM	0.8 24			
				06:52 PM	9.3 283			08:21 PM	9.6 293	07:25 PM	10.3 314			
5 12:20 AM	1.0 30	20 12:04 AM	2.5 76	5 01:03 AM	1.4 43	20 12:30 AM	2.1 64	5 02:34 AM	1.3 40	20 01:58 AM	0.8 24			
06:26 AM	10.5 320	05:56 AM	9.3 283	10:13 AM	10.0 305	06:22 AM	9.6 293	08:44 AM	9.1 277	07:52 AM	9.8 299			
M 01:03 PM	0.2 6	Tu 12:42 PM	1.5 46	W 01:41 PM	0.6 18	Th 01:04 PM	1.1 34	Sa 02:54 PM	1.3 40	Su 02:18 PM	0.7 21			
07:12 PM	9.1 277	06:36 PM	8.3 253	07:59 PM	9.3 283	07:01 PM	9.2 280	09:10 PM	9.7 296	08:20 PM	10.8 329			
6 01:24 AM	1.2 37	21 01:01 AM	2.4 73	6 02:06 AM	1.4 43	21 01:28 AM	1.8 55	6 03:27 AM	1.2 37	21 02:54 AM	0.2 6			
10:35 AM	10.2 311	06:54 AM	9.3 283	08:20 AM	9.7 296	07:21 AM	9.7 296	09:37 AM	9.0 274	08:51 AM	9.9 302			
Tu 02:07 PM	0.5 15	W 01:39 PM	1.4 43	Th 02:38 PM	0.8 24	F 01:58 PM	0.9 27	Su 03:41 PM	1.4 43	M 03:11 PM	0.5 15			
08:22 PM	9.1 277	07:35 PM	8.6 262	08:58 PM	9.5 290	07:57 PM	9.7 296	09:55 PM	9.8 299	09:14 PM	11.3 344			
7 02:28 AM	1.2 37	22 01:59 AM	2.1 64	7 03:05 AM	1.2 37	22 02:25 AM	1.2 37	7 04:15 AM	1.0 30	22 03:49 AM	-0.3 -9			
08:43 AM	10.0 305	07:54 AM	9.5 290	09:19 AM	9.6 293	08:20 AM	9.9 302	10:24 AM	8.9 271	09:48 AM	10.0 305			
W 03:07 PM	0.5 15	Th 02:33 PM	1.1 34	F 03:30 PM	0.9 27	Sa 02:50 PM	0.7 21	M 04:27 PM	1.6 49	Tu 04:04 PM	0.4 12			
09:25 PM	9.2 280	08:31 PM	9.0 274	09:50 PM	9.6 293	08:50 PM	10.3 314	10:36 PM	9.9 302	10:08 PM	11.7 357			
8 03:27 AM	1.1 34	23 02:54 AM	1.5 46	8 03:57 AM	1.1 34	23 03:19 AM	0.5 15	8 05:00 AM	0.9 27	23 04:44 AM	-0.8 -24			
09:44 AM	10.0 305	08:50 AM	9.9 302	10:12 AM	9.5 290	09:16 AM	10.1 308	11:08 AM	8.8 268	10:45 AM	10.1 308			
Th 04:01 PM	0.5 15	F 03:24 PM	0.7 21	Sa 04:18 PM	1.0 30	Su 03:40 PM	0.4 12	Tu 05:11 PM	1.7 52	W 04:58 PM	0.2 6			
10:20 PM	9.4 287	09:22 PM	9.6 293	10:34 PM	9.8 299	09:41 PM	11.0 335	11:15 PM	10.0 305	11:02 PM	12.1 369			
9 04:22 AM	0.9 27	24 03:46 AM	0.9 27	9 04:46 AM	0.9 27	24 04:12 AM	-0.2 -6	9 05:44 AM	0.8 24	24 05:38 AM	-1.1 -34			
10:39 AM	9.9 302	09:44 AM	10.2 311	10:58 AM	9.4 287	10:11 AM	10.4 317	11:48 AM	8.8 268	11:40 AM	10.2 311			
F 04:51 PM	0.6 18	Sa 04:13 PM	0.3 9	Su 05:02 PM	1.1 34	M 04:30 PM	0.2 6	W 05:53 PM	1.7 52	Th 05:51 PM	0.1 3			
11:07 PM	9.7 296	10:12 PM	10.4 317	11:13 PM	9.9 302	10:32 PM	11.6 354	11:53 PM	10.1 308	11:56 PM	12.3 375			
10 05:11 AM	0.7 21	25 04:38 AM	0.1 3	10 05:30 AM	0.7 21	25 05:05 AM	-0.8 -24	10 06:25 AM	0.7 21	25 06:31 AM	-1.3 -40			
11:26 AM	9.9 302	10:37 AM	10.6 323	11:39 AM	9.3 283	11:05 AM	10.6 323	12:25 PM	8.8 268	12:33 PM	10.3 314			
Sa 05:35 PM	0.6 18	Su 05:01 PM	0.0 0	M 05:43 PM	1.3 40	Tu 05:21 PM	0.0 0	Th 06:34 PM	1.8 55	F 06:43 PM	0.1 3			
11:46 PM	9.8 299	11:01 PM	11.1 338	11:49 PM	10.0 305	11:23 PM	12.1 369							
11 05:56 AM	0.6 18	26 05:28 AM	-0.6 -18	11 06:11 AM	0.6 18	26 05:57 AM	-1.3 -40	11 12:31 AM	10.2 311	26 12:47 AM	12.3 375			
12:05 PM	9.8 299	11:28 AM	10.9 332	12:15 PM	9.2 280	11:58 AM	10.7 326	07:06 AM	0.6 18	07:22 AM	-1.3 -40			
Su 06:15 PM	0.7 21	M 05:48 PM	-0.3 -9	Tu 06:23 PM	1.4 43	W 06:11 PM	-0.1 -3	F 01:03 PM	8.9 271	Sa 01:25 PM	10.3 314			
		11:49 PM	11.8 360					07:15 PM	1.8 55	07:34 PM	0.1 3			
12 12:21 AM	9.9 302	27 06:18 AM	-1.2 -37	12 12:23 AM	10.1 308	27 12:14 AM	12.4 378	12 01:09 AM	10.2 311	27 01:39 AM	12.0 366			
06:36 AM	0.5 15	12:18 PM	11.1 338	06:50 AM	0.6 18	06:48 AM	-1.5 -46	07:47 AM	0.6 18	08:13 AM	-1.1 -34			
M 12:41 PM	9.7 296	Tu 06:36 PM	-0.4 -12	W 12:51 PM	9.2 280	Th 12:49 PM	10.8 329	Sa 01:42 PM	8.9 271	Su 02:16 PM	10.2 311			
06:53 PM	0.9 27			07:01 PM	1.5 46	07:01 PM	-0.1 -3	07:56 PM	1.9 58	08:27 PM	0.3 9			
13 12:54 AM	10.0 305	28 12:36 AM	12.2 372	13 12:57 AM	10.2 311	28 01:04 AM	12.5 381	13 01:49 AM	10.3 314	28 02:31 AM	11.6 354			
07:16 AM	0.4 12	07:07 AM	-1.5 -46	01:30 AM	0.6 18	07:39 AM	-1.5 -46	08:30 AM	0.6 18	09:04 AM	-0.7 -21			
Tu 01:16 PM	9.6 293	W 01:08 PM	11.2 341	Th 01:27 PM	9.1 277	F 01:41 PM	10.6 323	Su 02:23 PM	8.9 271	M 03:09 PM	10.1 308			
07:31 PM	1.1 34	07:23 PM	-0.4 -12	07:41 PM	1.7 52	07:53 PM	0.0 0	08:40 PM	1.9 58	09:21 PM	0.5 15			
14 01:27 AM	10.1 308	29 01:24 AM	12.4 378	14 01:34 AM	10.2 311	29 01:55 AM	12.3 375	14 02:32 AM	10.3 314	29 03:24 AM	11.1 338			
07:55 AM	0.5 15	07:57 AM	-1.6 -49	08:11 AM	0.6 18	08:31 AM	-1.3 -40	09:14 AM	0.7 21	09:56 AM	-0.3 -9			
W 01:52 PM	9.4 287	Th 01:58 PM	11.0 335	F 02:05 PM	9.0 274	Sa 02:34 PM	10.4 317	M 03:08 PM	9.0 274	Tu 04:02 PM	9.9 302			
08:10 PM	1.3 40	08:13 PM	-0.3 -9	08:22 PM	1.9 58	08:46 PM	0.2 6	09:26 PM	1.9 58	10:15 PM	0.8 24			
15 02:03 AM	10.1 308	30 02:14 AM	12.4 378	15 02:13 AM	10.1 308	30 02:49 AM	11.9 363	15 03:18 AM	10.2 311	30 04:17 AM	10.6 323			
08:37 AM	0.6 18	08:50 AM	-1.4 -43	08:54 AM	0.8 24	09:25 AM	-0.9 -27	10:01 AM	0.7 21	10:47 AM	0.1 3			
Th 02:31 PM	9.2 280	F 02:51 PM	10.7 326	Sa 02:47 PM	8.9 271	Su 03:29 PM	10.2 311	Tu 03:55 PM	9.1 277	W 04:54 PM	9.8 299			
08:51 PM	1.6 49	09:06 PM	0.0 0	09:05 PM	2.0 61	09:42 PM	0.5 15	10:15 PM	1.9 58	11:09 PM	1.1 34			
						31 03:45 AM	11.4 347							
						10:20 AM	-0.5 -15							
						M 04:26 PM	9.9 302							
						10:39 PM	0.9 27							

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.



PLYMOUTH, PLYMOUTH HARBOR, MA, 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	05:11 AM	10.0	305		16	04:35 AM	10.2	311		1	12:23 AM	1.4	43		16	12:10 AM	0.2	6		1	01:37 AM	1.7	52		16	01:55 AM	0.2	6																
	11:38 AM	0.6	18			11:08 AM	0.5	15			06:21 AM	8.7	265			06:06 AM	9.7	296			07:34 AM	8.0	244			08:01 AM	9.2	280																
Th	05:47 PM	9.6	293		F	05:06 PM	10.2	311		Su	12:42 PM	1.7	52		M	12:29 PM	0.8	24		W	01:53 PM	2.4	73		Th	02:14 PM	1.1	34		Th	02:14 PM	1.1	34											
o						11:36 PM	0.9	27			06:46 PM	9.4	287			06:31 PM	10.9	332			07:53 PM	9.2	280			08:24 PM	10.6	323			08:24 PM	10.6	323											
2	12:05 AM	1.3	40		17	05:29 AM	10.0	305		2	01:19 AM	1.5	46		17	01:11 AM	0.2	6		2	02:32 AM	1.6	49		17	02:57 AM	0.2	6		17	02:57 AM	0.2	6											
	06:07 AM	9.4	287			11:59 AM	0.6	18			07:18 AM	8.4	256			07:09 AM	9.4	287			08:32 AM	8.1	247			09:07 AM	9.3	283			09:07 AM	9.3	283											
F	12:30 PM	1.0	30		Sa	05:59 PM	10.4	317		M	01:36 PM	2.0	61		Tu	01:29 PM	1.0	30		Th	02:47 PM	2.3	70		F	03:14 PM	0.9	27		F	03:14 PM	0.9	27		F	03:14 PM	0.9	27						
	06:41 PM	9.5	290		o						07:40 PM	9.3	283			07:34 PM	10.9	332			08:49 PM	9.3	283			09:27 PM	10.7	326			09:27 PM	10.7	326			09:27 PM	10.7	326						
3	01:02 AM	1.4	43		18	12:33 AM	0.7	21		3	02:14 AM	1.5	46		18	02:13 AM	0.1	3		3	03:25 AM	1.4	43		18	03:54 AM	0.1	3		18	03:54 AM	0.1	3		18	03:54 AM	0.1	3						
	07:05 AM	9.0	274			06:27 AM	9.7	296			08:15 AM	8.2	250			08:14 AM	9.3	283			09:25 AM	8.3	253			10:07 AM	9.6	293			10:07 AM	9.6	293			10:07 AM	9.6	293						
Sa	01:23 PM	1.4	43		Su	12:54 PM	0.7	21		Tu	02:28 PM	2.1	64		W	02:29 PM	1.0	30		F	03:38 PM	2.0	61		Sa	04:12 PM	0.7	21		Sa	04:12 PM	0.7	21		Sa	04:12 PM	0.7	21		Sa	04:12 PM	0.7	21	
	07:35 PM	9.5	290			06:56 PM	10.7	326			08:33 PM	9.4	287			08:36 PM	11.0	335			09:40 PM	9.6	293			10:26 PM	10.7	326			10:26 PM	10.7	326			10:26 PM	10.7	326						
4	01:58 AM	1.4	43		19	01:33 AM	0.4	12		4	03:07 AM	1.4	43		19	03:13 AM	-0.1	-3		4	04:14 AM	1.1	34		19	04:48 AM	0.0	0		19	04:48 AM	0.0	0		19	04:48 AM	0.0	0						
	08:47 AM	8.5	259			07:28 AM	9.6	293			09:09 AM	8.2	250			09:17 AM	9.3	283			10:15 AM	8.6	262			11:00 AM	9.9	302			11:00 AM	9.9	302			11:00 AM	9.9	302						
Su	02:15 PM	1.6	49		M	01:51 PM	0.8	24		W	03:19 PM	2.1	64		Th	03:28 PM	0.8	24		Sa	04:27 PM	1.7	52		Su	05:05 PM	0.5	15		Su	05:05 PM	0.5	15		Su	05:05 PM	0.5	15		Su	05:05 PM	0.5	15	
	08:26 PM	9.5	290			07:54 PM	11.0	335			09:24 PM	9.5	290			09:37 PM	11.1	338			10:28 PM	10.0	305			11:18 PM	10.8	329			11:18 PM	10.8	329			11:18 PM	10.8	329						
5	02:51 AM	1.3	40		20	02:32 AM	0.1	3		5	03:58 AM	1.3	40		20	04:11 AM	-0.2	-6		5	05:01 AM	0.8	24		20	05:36 AM	0.0	0		20	05:36 AM	0.0	0		20	05:36 AM	0.0	0						
	08:07 AM	8.5	259			08:30 AM	9.5	290			10:00 AM	8.3	253			10:18 AM	9.5	290			11:00 AM	9.0	274			11:47 AM	10.1	308			11:47 AM	10.1	308			11:47 AM	10.1	308						
M	03:05 PM	1.8	55		Tu	02:48 PM	0.7	21		Th	04:08 PM	2.0	61		F	04:25 PM	0.6	18		Su	05:14 PM	1.3	40		M	05:54 PM	0.3	9		M	05:54 PM	0.3	9		M	05:54 PM	0.3	9		M	05:54 PM	0.3	9	
	09:14 PM	9.6	293			08:52 PM	11.3	344			10:12 PM	9.7	296			10:36 PM	11.2	341			11:14 PM	10.3	314																					
6	03:41 AM	1.2	37		21	03:30 AM	-0.3	-9		6	04:46 AM	1.0	30		21	05:06 AM	-0.4	-12		6	05:45 AM	0.4	12		21	12:05 AM	10.7	326		21	12:05 AM	10.7	326		21	12:05 AM	10.7	326						
	08:47 AM	8.5	259			09:30 AM	9.6	293			10:48 AM	8.4	256			11:14 AM	9.7	296			11:43 AM	9.5	290			06:20 AM	0.1	3			06:20 AM	0.1	3			06:20 AM	0.1	3						
Tu	03:52 PM	1.9	58		W	03:44 PM	0.6	18		F	04:56 PM	1.9	58		Sa	05:20 PM	0.4	12		M	05:59 PM	0.8	24		Tu	12:28 PM	10.3	314		Tu	12:28 PM	10.3	314		Tu	12:28 PM	10.3	314		Tu	12:28 PM	10.3	314	
	09:59 PM	9.7	296			09:50 PM	11.5	351			10:58 PM	10.0	305			11:31 PM	11.3	344			11:58 PM	10.7	326			06:39 PM	0.2	6			06:39 PM	0.2	6			06:39 PM	0.2	6						
7	04:29 AM	1.1	34		22	04:27 AM	-0.6	-18		7	05:32 AM	0.8	24		22	05:57 AM	-0.5	-15		7	06:27 AM	0.1	3		22	12:46 AM	10.5	320		22	12:46 AM	10.5	320		22	12:46 AM	10.5	320						
	08:34 AM	8.5	259			10:29 AM	9.7	296			11:32 AM	8.7	265			12:05 PM	10.0	305			12:24 PM	10.1	308			07:02 AM	0.2	6			07:02 AM	0.2	6			07:02 AM	0.2	6						
W	04:39 PM	1.9	58		Th	04:39 PM	0.5	15		Sa	05:41 PM	1.6	49		Su	06:11 PM	0.3	9		Tu	06:43 PM	0.4	12		W	01:05 PM	10.3	314		W	01:05 PM	10.3	314		W	01:05 PM	10.3	314		W	01:05 PM	10.3	314	
	10:43 PM	9.8	299			10:47 PM	11.7	357			11:41 PM	10.2	311		o																													
8	05:16 AM	0.9	27		23	05:22 AM	-0.8	-24		8	06:15 AM	0.5	15		23	12:20 AM	11.3	344		8	12:41 AM	11.0	335		23	01:25 AM	10.2	311		23	01:25 AM	10.2	311		23	01:25 AM	10.2	311						
	09:47 AM	8.5	259			11:26 AM	9.9	302			12:13 PM	9.0	274			06:44 AM	-0.4	-12			07:09 AM	-0.1	-3			07:42 AM	0.5	15			07:42 AM	0.5	15			07:42 AM	0.5	15						
Th	05:24 PM	1.9	58		F	05:34 PM	0.3	9		Su	06:25 PM	1.3	40		M	12:50 PM	10.1	308		W	01:05 PM	10.6	323		Th	01:41 PM	10.3	314		Th	01:41 PM	10.3	314		Th	01:41 PM	10.3	314		Th	01:41 PM	10.3	314	
	11:25 PM	10.0	305			11:42 PM	11.8	360							06:59 PM	0.2	6			07:27 PM	0.0	0			08:04 PM	0.4	12			08:04 PM	0.4	12			08:04 PM	0.4	12							
9	05:59 AM	0.8	24		24	06:14 AM	-0.9	-27		9	12:23 AM	10.5	320		24	01:05 AM	11.1	338		9	01:24 AM	11.1	338		24	02:03 AM	9.9	302		24	02:03 AM	9.9	302		24	02:03 AM	9.9	302						
	12:00 PM	8.6	262			12:19 PM	10.0	305			06:57 AM	0.3	9			07:28 AM	-0.3	-9			07:51 AM	-0.2	-6			09:49 AM	1.7	52			09:49 AM	1.7	52			09:49 AM	1.7	52						
F	06:08 PM	1.8	55		Sa	06:26 PM	0.2	6		M	12:52 PM	9.4	287		Tu	01:32 PM	10.2	311		Th	01:47 PM	11.0	335		F	02:19 PM	10.2	311		F	02:19 PM	10.2	311		F	02:19 PM	10.2	311		F	02:19 PM	10.2	311	
					o						07:08 PM	1.1	34			07:45 PM	0.3	9																										



PLYMOUTH, PLYMOUTH HARBOR, MA, 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	01:57 AM	1.7	52		16	02:37 AM	0.4	12		1	03:03 AM	1.0	30		16	02:55 AM	0.8	24		1	02:16 AM	0.6	18		16	03:09 AM	1.3	40
	07:55 AM	8.2	250			08:53 AM	9.5	290			09:02 AM	9.4	287			09:13 AM	10.0	305			08:16 AM	10.6	323			09:22 AM	9.8	299
F	02:14 PM	2.4	73		Sa	03:00 PM	1.0	30		M	03:27 PM	1.1	34		Tu	03:25 PM	0.6	18		W	02:48 PM	0.1	3		Th	03:45 PM	0.7	21
	08:12 PM	9.3	283			09:14 PM	10.2	311			09:23 PM	9.9	302			09:39 PM	9.4	287			08:45 PM	9.9	302			09:55 PM	8.7	265
2	02:50 AM	1.4	43		17	03:33 AM	0.3	9		2	03:51 AM	0.6	18		17	03:41 AM	0.9	27		2	03:05 AM	0.4	12		17	03:54 AM	1.5	46
	09:39 AM	8.5	259			09:50 AM	9.8	299			09:50 AM	10.1	308			09:55 AM	10.1	308			09:06 AM	11.2	341			10:02 AM	9.9	302
Sa	03:07 PM	2.0	61		Su	03:56 PM	0.7	21		Tu	04:16 PM	0.4	12		W	04:11 PM	0.5	15		Th	03:40 PM	-0.6	-18		F	04:29 PM	0.6	18
	09:06 PM	9.6	293			10:11 PM	10.2	311			10:14 PM	10.2	311			10:23 PM	9.3	283			09:39 PM	10.2	311			10:36 PM	8.6	262
3	03:40 AM	1.1	34		18	04:24 AM	0.4	12		3	04:38 AM	0.3	9		18	04:24 AM	1.1	34		3	03:55 AM	0.1	3		18	04:37 AM	1.5	46
	09:39 AM	9.0	274			10:40 AM	10.0	305			10:37 AM	10.8	329			10:32 AM	10.2	311			09:57 AM	11.8	360			10:41 AM	9.9	302
Su	03:57 PM	1.5	46		M	04:48 PM	0.5	15		W	05:05 PM	-0.3	-9		Th	04:54 PM	0.4	12		F	04:32 PM	-1.2	-37		Sa	05:10 PM	0.5	15
	09:56 PM	10.0	305			11:02 PM	10.1	308			11:04 PM	10.6	323			11:01 PM	9.2	280			10:31 PM	10.4	317			11:14 PM	8.6	262
4	04:27 AM	0.7	21		19	05:11 AM	0.4	12		4	05:24 AM	0.0	0		19	05:05 AM	1.2	37		4	04:45 AM	-0.1	-3		19	05:18 AM	1.6	49
	10:26 AM	9.6	293			11:24 AM	10.2	311			12:20 AM	11.5	351			11:08 AM	10.2	311			10:47 AM	12.2	372			11:18 AM	10.0	305
M	04:45 PM	0.9	27		Tu	05:35 PM	0.4	12		Th	05:54 PM	-0.9	-27		F	05:34 PM	0.4	12		Sa	05:22 PM	-1.5	-46		Su	05:51 PM	0.5	15
	10:44 PM	10.4	317			11:46 PM	10.0	305		●	11:53 PM	10.8	329		○	11:37 PM	9.1	277		●	11:23 PM	10.5	320		○	11:50 PM	8.6	262
5	05:12 AM	0.3	9		20	05:53 AM	0.6	18		5	06:10 AM	-0.2	-6		20	05:44 AM	1.4	43		5	05:35 AM	-0.2	-6		20	05:59 AM	1.6	49
	11:10 AM	10.2	311			12:01 PM	10.3	314			12:10 PM	12.0	366			11:42 AM	10.2	311			11:37 AM	11.5	381			11:55 AM	10.0	305
Tu	05:32 PM	0.3	9		W	06:17 PM	0.3	9		F	06:42 PM	-1.3	-40		Sa	06:14 PM	0.4	12		Su	06:13 PM	-1.7	-52		M	06:31 PM	0.5	15
	11:31 PM	10.7	326		○																							
6	05:55 AM	0.0	0		21	12:24 AM	9.9	302		6	12:41 AM	10.9	332		21	12:12 AM	9.0	274		6	12:13 AM	10.5	320		21	12:27 AM	8.7	265
	11:53 AM	10.9	332			06:33 AM	0.8	24			06:57 AM	-0.3	-9			06:24 AM	1.6	49			06:26 AM	-0.2	-6			06:40 AM	1.7	52
W	06:18 PM	-0.3	-9		Th	12:36 PM	10.3	314		Sa	12:57 PM	12.3	375		Su	12:18 PM	10.1	308		M	12:28 PM	12.4	378		Tu	12:34 PM	10.0	305
●						06:58 PM	0.3	9			07:31 PM	-1.5	-46			06:54 PM	0.5	15			07:04 PM	-1.6	-49			07:56 PM	0.5	15
7	12:17 AM	11.0	335		22	01:00 AM	9.7	296		7	01:30 AM	10.9	332		22	12:50 AM	8.9	271		7	01:05 AM	10.4	317		22	01:07 AM	8.7	265
	06:39 AM	-0.2	-6			07:12 AM	1.0	30			06:45 AM	-0.2	-6			07:04 AM	1.8	55			07:18 AM	-0.1	-3			07:23 AM	1.7	52
Th	12:36 PM	11.4	347		F	01:10 PM	10.3	314		Su	12:46 PM	12.4	378		M	12:57 PM	10.0	305		Tu	01:21 PM	12.1	369		W	01:15 PM	10.0	305
	07:04 PM	-0.8	-24			07:38 PM	0.4	12			07:22 PM	-1.5	-46			07:36 PM	10.7	321			07:58 PM	-1.3	-40			01:56 PM	0.5	15
8	01:02 AM	11.1	338		23	01:37 AM	9.4	287		8	01:22 AM	10.6	323		23	01:30 AM	8.8	268		8	02:00 AM	10.2	311		23	01:49 AM	8.7	265
	07:23 AM	-0.3	-9			07:51 AM	1.3	40			07:37 AM	0.0	0			07:48 AM	2.0	61			08:14 AM	0.1	3			08:07 AM	1.8	55
F	01:20 PM	11.8	360		Sa	01:46 PM	10.2	311		M	01:38 PM	12.2	372		Tu	01:39 PM	9.9	302		W	02:16 PM	11.7	357		Th	01:59 PM	9.9	302
	07:51 PM	-1.1	-34			08:19 PM	0.5	15			08:16 PM	-1.2	-37			08:21 PM	0.8	24			08:52 PM	-1.0	-30			08:41 PM	0.6	18
9	01:50 AM	11.0	335		24	02:15 AM	9.2	280		9	02:17 AM	10.3	314		24	02:15 AM	8.6	262		9	02:57 AM	10.0	305		24	02:35 AM	8.8	268
	08:09 AM	-0.2	-6			08:32 AM	0.3	9			08:32 AM	0.3	9			08:34 AM	2.1	64			09:11 AM	0.4	12			08:55 AM	1.8	55
Sa	02:07 PM	12.0	366		Su	02:25 PM	10.0	305		Tu	02:34 PM	11.7	357		W	02:25 PM	9.7	296		Th	03:14 PM	11.1	338		F	02:46 PM	9.8	299
	08:42 PM	-1.1	-34			09:02 PM	0.8	24			09:12 PM	-0.8	-24			09:08 PM	1.0	30			09:48 PM	-0.5	-15			09:27 PM	0.7	21
10	02:40 AM	10.8	329		25	02:57 AM	8.9	271		10	03:15 AM	10.0	305		25	03:02 AM	8.5	259		10	03:54 AM	9.8	299		25	03:22 AM	9.0	274
	08:59 AM	0.0	0			09:16 AM	1.9	58			09:30 AM	0.6	18			09:23 AM	2.3	70			10:09 AM	0.7	21			09:44 AM	1.7	52
Su	02:58 PM	11.9	363		M	03:08 PM	9.8	299		W	03:33 PM	11.2	341		Th	03:13 PM	9.5	290		F	04:13 PM	10.4	317		Sa	03:35 PM	9.6	293
	09:35 PM	-0.9	-27			09:48 PM	1.0	30			10:10 PM	-0.4	-12			09:57 PM	1.1	34			10:43 PM	0.0	0			10:14 PM	0.8	24
11	03:34 AM	10.4	317		26	03:42 AM	8.7	265		11	04:15 AM	9.7	296		26	03:52 AM	8.5	259		11	04:54 AM	9.7	296		26	04:10 AM	9.2	280
	09:52 AM	0.4	12			10:03 AM	2.2	67			10:31 AM	0.9	27			10:14 AM	2.3	70			11:09 AM	0.9	27			10:37 AM	1.6	49
M	03:53 PM	11.7	357		Tu	03:54 PM	9.6	293		Th	04:35 PM	10.7	326		F	04:05 PM	9.4	287		Sa	05:14 PM	9.9	302		Su	04:28 PM	9.5	290
	10:31 PM	-0.6	-18			10:37 PM	1.3	40		●	11:10 PM	0.0	0		○	10:48 PM	1.2	37		●	11:41 PM	0.4	12		○	11:04 PM	0.9	27
12	04:31 AM	10.0	305		27	04:31 AM	8.5	259		12	05:20 AM	9.5	290		27	04:44 AM	8.6	262		12	05:55 AM	9.6	293		27	05:02 AM	9.4	287
	10:49 AM	0.7	21			10:53 AM	2.4	73			11:34 AM	1.1	34			11:09 AM	2.2	67			12:11 PM	1.0	30			11:33 AM	1.3	40
Tu	04:51 PM	11.2	341		W	04:44 PM	9.4	287		F	05:41 PM	10.2	311		Sa	05:00 PM	9.3	283		Su	06:19 PM	9.4	287		M	05:24 PM	9.3	283
	11:30 PM																											