



NOAA Tide Predictions

Seattle, WA,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.



Seattle, WA, 2019

Times and Heights of High and Low Waters

April					May					June					
Time	Height		Time	Height		Time	Height		Time	Height		Time	Height		
	h	m	ft	cm		h	m	ft	cm		h	m	ft	cm	
1	04:24 AM	10.8	329		16	03:35 AM	11.5	351		1	03:31 AM	10.9	332		
	10:32 AM	4.9	149			09:46 AM	3.8	116			10:27 AM	-0.5	-15		
M	03:34 PM	8.8	268		Tu	03:15 PM	9.7	296		W	04:11 PM	8.8	268		
	09:48 PM	1.6	49			09:30 PM	0.7	21			09:50 PM	3.4	104		
2	04:47 AM	10.8	329		17	04:11 AM	11.8	360		2	04:01 AM	10.9	332		
	11:57 AM	4.2	128			10:27 AM	2.4	73			11:00 AM	-1.5	-46		
Tu	04:20 PM	9.2	280		W	04:18 PM	10.3	314		Th	04:56 PM	9.4	287		
	10:27 PM	1.7	52			10:22 PM	1.3	40			10:30 PM	3.9	119		
3	05:07 AM	10.9	332		18	04:44 AM	11.9	363		3	04:33 AM	10.9	332		
	11:19 AM	3.5	107			11:07 AM	1.0	30			11:37 AM	-2.3	-70		
W	05:01 PM	9.6	293		Th	05:16 PM	10.8	329		F	05:31 PM	10.6	323		
	11:03 PM	2.0	61			11:11 PM	2.1	64			10:55 PM	4.6	140		
4	05:27 AM	11.0	335		19	05:16 AM	12.0	366		4	05:06 AM	11.3	344		
	11:42 AM	2.8	85			11:47 AM	-0.1	-3			12:00 PM	-2.2	-67		
Th	05:40 PM	9.9	302		F	06:11 PM	11.2	341		Sa	06:23 PM	11.2	341		
	11:38 PM	2.5	76			11:59 PM	3.1	94			11:46 PM	5.4	165		
5	05:49 AM	11.0	335		20	05:50 AM	11.8	360		5	01:04 AM	7.2	219		
	11:19 AM	1.9	58			12:26 PM	-0.9	-27			05:49 AM	10.6	323		
F	06:19 PM	10.2	311		Sa	07:05 PM	11.4	347		W	01:01 PM	-3.0	-91		
											08:29 PM	12.0	366		
6	12:13 AM	3.1	94		21	12:46 AM	4.1	125		6	01:56 AM	7.2	219		
	06:14 AM	11.0	335			06:24 AM	11.5	351			06:34 AM	10.3	314		
Sa	12:38 PM	1.1	34		Su	01:06 PM	-1.3	-40		Th	01:47 PM	-2.9	-88		
	07:00 PM	10.4	317			07:59 PM	11.4	347			09:17 PM	12.1	369		
7	12:49 AM	3.9	119		22	01:36 AM	5.1	155		7	02:53 AM	7.0	213		
	06:40 AM	11.0	335			07:00 AM	11.0	335			07:28 AM	9.8	299		
Su	01:11 PM	0.4	12		M	01:48 PM	-1.4	-43		F	02:36 PM	-2.4	-73		
	07:44 PM	10.6	323			08:53 PM	11.3	344			10:06 PM	12.1	369		
8	01:28 AM	4.7	143		23	02:30 AM	6.0	183		8	03:57 AM	6.6	201		
	08:14 AM	10.8	329			07:39 AM	10.3	314			08:31 AM	9.1	277		
M	01:49 PM	-0.2	-6		Tu	02:30 PM	-1.1	-34		Sa	03:28 PM	-1.5	-46		
	08:32 PM	10.7	326			09:49 PM	11.2	341			10:56 PM	12.0	366		
9	02:10 AM	5.5	168		24	03:31 AM	6.6	201		9	05:07 AM	5.9	180		
	07:39 AM	10.6	323			08:22 AM	9.5	290			09:46 AM	8.4	256		
Tu	02:30 PM	-0.5	-15		W	03:16 PM	-0.5	-15		Su	04:24 PM	-0.2	-6		
	09:25 PM	10.6	323			10:49 PM	10.9	332			11:46 PM	12.0	366		
10	02:57 AM	6.3	192		25	04:47 AM	6.9	210		10	06:18 AM	4.7	143		
	08:14 AM	10.2	311			09:13 AM	8.7	265			11:13 AM	7.9	241		
W	03:17 PM	-0.6	-18		Th	04:06 PM	0.3	9		M	05:24 PM	1.2	37		
	10:26 PM	10.5	320			11:55 PM	10.7	326							
11	03:56 AM	7.0	213		26	06:27 AM	6.8	207		11	12:34 AM	12.0	366		
	08:57 AM	9.8	299			10:18 AM	7.9	241			07:21 AM	3.3	101		
Th	04:11 PM	-0.5	-15		F	05:03 PM	1.1	34		Tu	12:48 PM	7.8	238		
	11:37 PM	10.4	317								06:30 PM	2.6	79		
12	05:12 AM	7.4	226		27	01:01 AM	10.6	323		12	01:19 AM	12.0	366		
	09:56 AM	9.3	283			07:52 AM	6.1	186			08:15 AM	1.8	55		
F	05:12 PM	-0.2	-6		Sa	11:39 AM	7.4	226		W	02:22 PM	8.3	253		
						06:07 PM	1.8	55			07:39 PM	3.9	119		
13	12:55 AM	10.5	320		28	01:56 AM	10.6	323		13	02:01 AM	11.9	363		
	06:45 AM	7.2	219			08:46 AM	5.3	162			09:02 AM	0.4	12		
Sa	11:16 AM	8.9	271		Su	01:03 PM	7.4	226		Th	03:44 PM	9.1	277		
	06:20 PM	0.0	0			07:13 PM	2.3	70			08:47 PM	5.0	152		
14	02:03 AM	10.8	329		29	02:39 AM	10.6	323		14	02:40 AM	11.8	360		
	08:05 AM	6.4	195			09:23 AM	4.5	137			09:44 AM	-0.8	-24		
Su	12:43 PM	8.8	268		M	02:19 PM	7.7	235		F	04:51 PM	10.1	308		
	07:29 PM	0.2	6			08:13 PM	2.6	79			09:50 PM	5.8	177		
15	02:55 AM	11.2	341		30	03:11 AM	10.7	326		15	03:18 AM	11.6	354		
	09:01 AM	5.2	158			09:52 AM	3.7	113			10:23 AM	-1.7	-52		
M	02:04 PM	9.1	277		Tu	03:20 PM	8.2	250		Sa	05:46 PM	10.8	329		
	08:33 PM	0.4	12			09:05 PM	3.0	91			10:48 PM	6.4	195		
					15	02:46 AM	11.8	360		30	02:31 AM	10.9	332		
						09:26 AM	1.8	55			09:29 AM	1.7	52		
					W	03:27 PM	9.2	280		Th	03:59 PM	8.6	262		
						09:06 PM	2.9	88			09:07 PM	5.0	152		
					31	03:01 AM	10.9	332		31	03:01 AM	10.9	332		
						09:57 AM	0.6	18			09:57 AM	0.6	18		
						F	04:49 PM	9.4	287		F	04:49 PM	9.4	287	
											09:56 PM	5.6	171		



Times and Heights of High and Low Waters

July				August				September			
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 03:20 AM 10:33 AM M 06:08 PM 11:10 PM	10.9 332 -2.2 -67 11.1 338 7.4 226	16 04:17 AM 11:19 AM Tu 07:04 PM O 07:04 PM	10.3 314 -1.9 -58 11.6 354 11.6 354	1 04:38 AM 11:41 AM Th 07:00 PM	11.1 338 -3.1 -94 12.0 366	16 12:36 AM 05:36 AM F 12:13 PM 07:15 PM	5.5 168 9.7 296 -0.4 -12 11.2 341	1 12:51 AM 06:31 AM Su 12:56 PM 07:29 PM	3.0 91 11.1 338 -0.5 -15 12.1 369	16 12:54 AM 06:53 AM M 12:56 PM 07:09 PM	2.7 82 9.9 302 2.4 73 10.8 329
2 04:01 AM 11:14 AM Tu 06:49 PM ● 11:59 PM	11.0 335 -3.0 -91 11.7 357 7.4 226	17 12:26 AM 04:58 AM W 11:56 AM 07:34 PM	6.9 210 10.0 305 -1.7 -52 11.6 354	2 12:28 AM 05:32 AM F 12:28 PM 07:38 PM	6.1 186 11.1 338 -2.9 -88 12.2 372	17 01:05 AM 06:58 AM Sa 12:47 PM 07:39 PM	5.1 155 9.6 293 0.0 0 11.2 341	2 01:38 AM 07:31 AM M 01:43 PM 08:07 PM	2.1 64 10.8 329 0.9 27 12.0 366	17 01:26 AM 07:35 AM Tu 01:32 PM 07:37 PM	2.0 61 9.9 302 3.3 101 10.7 326
3 04:46 AM 11:58 AM W 07:30 PM	11.0 335 -3.4 -104 12.0 366	18 01:05 AM 05:40 AM Th 12:33 PM 08:00 PM	6.7 204 9.7 296 -1.5 -46 11.6 354	3 01:17 AM 06:29 AM Sa 01:14 PM 08:16 PM	5.3 162 10.8 329 -2.2 -67 12.3 375	18 01:35 AM 06:58 AM Su 01:21 PM 08:05 PM	4.6 140 9.4 287 0.7 21 11.2 341	3 02:27 AM 08:34 AM Tu 02:32 PM 08:46 PM	1.3 40 10.3 314 2.4 73 11.7 357	18 02:01 AM 08:21 AM W 02:10 PM 08:06 PM	1.5 46 9.8 299 4.2 128 10.4 317
4 12:49 AM 05:34 AM Th 12:44 PM 08:11 PM	7.2 219 10.8 329 -3.4 -104 12.3 375	19 01:42 AM 06:23 AM F 01:10 PM 08:27 PM	6.4 195 9.4 287 -1.0 -30 11.5 351	4 02:08 AM 08:34 AM Su 02:02 PM 08:55 PM	4.4 134 10.3 314 -1.1 -34 12.3 375	19 02:09 AM 07:43 AM M 01:56 PM 08:33 PM	4.0 122 9.2 280 1.6 49 11.1 338	4 03:19 AM 09:44 AM W 03:26 PM 09:29 PM	0.7 21 9.9 302 4.1 125 11.2 341	19 02:40 AM 09:13 AM Th 02:51 PM 08:38 PM	1.0 30 9.7 296 5.2 158 10.1 308
5 01:40 AM 06:28 AM F 01:31 PM 08:54 PM	6.8 207 10.5 320 -3.0 -91 12.4 378	20 02:19 AM 07:07 AM Sa 01:47 PM 08:56 PM	6.0 183 9.0 274 -0.4 -12 11.5 351	5 03:02 AM 09:36 AM M 02:50 PM 09:35 PM	3.5 107 9.7 296 0.5 15 12.2 372	20 02:46 AM 08:32 AM Tu 02:33 PM 09:04 PM	3.4 104 8.9 271 2.6 79 10.9 332	5 04:14 AM 11:05 AM Th 04:30 PM 10:17 PM	0.5 15 9.5 290 5.5 168 10.5 320	20 03:24 AM 10:13 AM F 03:41 PM 09:14 PM	0.7 21 9.6 293 6.2 189 9.7 296
6 02:35 AM 07:27 AM Sa 02:19 PM 09:37 PM	6.1 186 10.0 305 -2.2 -67 12.4 378	21 02:58 AM 07:55 AM Su 02:24 PM 09:28 PM	5.5 168 8.6 262 0.5 15 11.4 347	6 03:59 AM 10:46 AM Tu 03:42 PM 10:18 PM	2.6 79 9.1 277 2.3 70 11.9 363	21 03:27 AM 09:27 AM W 03:12 PM 09:37 PM	2.8 85 8.6 262 3.8 116 10.7 326	6 05:14 AM 12:41 PM F 05:56 PM ● 11:14 PM	0.4 12 9.6 293 6.6 201 9.8 299	21 04:15 AM 11:24 AM Sa 04:46 PM 10:01 PM	0.6 18 9.5 290 7.0 213 9.3 283
7 03:34 AM 08:32 AM Su 03:09 PM 10:20 PM	5.4 165 9.3 283 -0.9 -27 12.4 378	22 03:41 AM 08:48 AM M 03:03 PM 10:01 PM	4.9 149 8.2 250 1.5 46 11.3 344	7 04:59 AM 11:10 AM W 04:40 PM ● 11:03 PM	1.8 55 8.6 262 4.1 125 11.5 351	22 04:13 AM 10:31 AM Th 03:57 PM 10:13 PM	2.2 67 8.4 256 5.1 155 10.4 317	7 06:18 AM 02:16 PM Sa 07:42 PM	0.5 15 10.0 305 6.8 207	22 05:14 AM 12:48 AM Su 06:15 PM ● 11:06 PM	0.5 15 9.7 296 7.4 226 9.1 277
8 04:37 AM 09:47 AM M 04:02 PM 11:04 PM	4.4 134 8.5 259 0.7 21 12.3 375	23 04:26 AM 09:49 AM Tu 03:43 PM 10:36 PM	4.3 131 7.8 238 2.7 82 11.1 338	8 06:01 AM 12:52 PM Th 05:53 PM 11:53 PM	1.0 30 8.7 265 5.6 171 11.1 338	23 05:04 AM 11:48 AM F 04:54 PM ● 10:55 PM	1.7 52 8.4 256 6.3 192 10.1 308	8 12:21 AM 07:24 AM Su 03:26 PM 09:04 PM	9.3 283 0.5 15 10.5 320 6.5 198	23 06:19 AM 02:08 PM M 07:46 PM	0.3 9 10.1 308 7.2 219
9 05:42 AM 11:13 AM Tu 05:00 PM ● 11:49 PM	3.2 98 8.0 244 2.5 76 12.1 369	24 05:15 AM 11:00 AM W 04:29 PM 11:13 PM	3.5 107 7.5 229 4.1 125 10.9 332	9 07:03 AM 11:10 AM F 07:24 PM	0.4 12 9.3 283 6.6 201	24 06:00 AM 01:20 PM Sa 06:13 PM 11:46 PM	1.1 34 8.8 268 7.2 219 9.8 299	9 01:32 AM 08:25 AM M 04:15 PM 09:59 PM	9.0 274 0.4 12 10.8 329 5.9 180	24 12:23 AM 07:25 AM Tu 03:05 PM 08:49 PM	9.0 274 -0.1 -3 10.6 323 6.4 195
10 06:44 AM 12:51 PM W 06:06 PM	2.0 61 8.0 244 4.2 128	25 06:06 AM 12:23 PM Th 05:24 PM ● 11:52 PM	2.6 79 7.6 232 5.4 165 10.7 326	10 12:48 AM 08:02 AM Sa 03:53 PM 08:53 PM	10.6 323 -0.2 -6 10.1 308 6.9 210	25 07:00 AM 02:49 PM Su 07:43 PM	0.4 12 9.4 287 7.5 229	10 02:37 AM 09:17 AM Tu 04:53 PM 10:39 PM	9.1 277 0.3 9 11.0 335 5.4 165	25 01:38 AM 08:28 AM W 03:48 PM 09:36 PM	9.4 287 -0.4 -12 11.0 335 5.4 165
11 12:34 AM 07:42 AM Th 02:34 PM 07:22 PM	11.8 360 0.8 24 8.6 262 5.6 171	26 06:57 AM 01:57 PM F 06:34 PM	1.7 52 8.1 247 6.5 198	11 01:44 AM 08:55 AM Su 04:48 PM 10:02 PM	10.2 311 -0.6 -18 10.7 326 6.8 207	26 12:45 AM 07:59 AM M 03:50 PM 08:56 PM	9.8 299 -0.4 -12 10.1 308 7.3 223	11 03:31 AM 10:02 AM W 05:21 PM 11:11 PM	9.2 280 0.3 9 11.0 335 4.9 149	26 02:45 AM 09:23 AM Th 04:24 PM 10:18 PM	9.9 302 -0.6 -18 11.4 347 4.2 128
12 01:21 AM 08:34 AM F 03:58 PM 08:41 PM	11.5 351 -0.3 -9 9.6 293 6.5 198	27 12:35 AM 07:47 AM Sa 03:22 PM 07:54 PM	10.6 323 0.6 18 8.9 271 7.2 219	12 02:39 AM 09:42 AM M 05:31 PM 10:53 PM	10.0 305 -0.8 -24 11.1 338 6.5 198	27 01:46 AM 08:55 AM Tu 04:33 PM 09:30 PM	10.0 305 -1.2 -37 10.7 326 6.8 207	12 04:16 AM 10:41 AM Th 05:43 PM 11:37 PM	9.4 287 0.4 12 10.9 332 4.4 134	27 03:46 AM 10:15 AM F 04:57 PM 11:00 PM	10.5 320 -0.6 -18 11.7 357 2.9 88
13 02:06 AM 09:20 AM Sa 05:00 PM 09:52 PM	11.2 341 -1.1 -34 10.5 320 6.9 210	28 01:20 AM 08:35 AM Su 04:22 PM 09:05 PM	10.5 320 -0.5 -15 9.8 299 7.5 229	13 03:29 AM 10:24 AM Tu 06:05 PM 11:33 PM	9.8 299 -0.9 -27 11.3 344 6.2 189	28 02:46 AM 09:47 AM W 05:09 PM 10:36 PM	10.4 317 -1.8 -55 11.2 341 6.0 183	13 04:56 AM 11:16 AM F 06:01 PM	9.6 293 0.7 21 10.9 332	28 04:43 AM 11:03 AM Sa 05:30 PM ● 11:41 PM	11.0 335 -0.1 -3 11.9 363 1.7 52
14 02:51 AM 10:42 AM Su 05:49 PM 10:52 PM	10.9 332 -1.6 -49 11.1 338 7.1 216	29 02:07 AM 09:22 AM M 05:07 PM 10:03 PM	10.6 323 -1.5 -46 10.6 323 7.5 229	14 04:15 AM 11:02 AM W 06:32 PM	9.8 299 -0.9 -27 11.2 341	29 03:43 AM 10:36 AM Th 05:44 PM 11:20 PM	10.8 329 -2.1 -64 11.6 354 5.1 155	14 12:01 AM 05:35 AM Sa 11:49 AM O 06:21 PM	3.9 119 9.7 296 1.1 34 10.9 332	29 05:39 AM 11:50 AM Su 06:04 PM	11.3 344 0.8 24 12.0 366
15 03:34 AM 10:42 AM M 06:30 PM 11:42 PM	10.6 323 -1.9 -58 11.5 351 7.0 213	30 02:56 AM 10:09 AM Tu 05:46 PM 10:53 PM	10.8 329 -2.3 -70 11.2 341 7.2 219	15 12:06 AM 04:56 AM Th 11:38 AM O 06:54 PM	5.9 180 9.7 296 -0.7 -21 11.2 341	30 04:39 AM 11:23 AM F 06:18 PM ●	11.1 338 -2.1 -64 11.9 363	15 12:26 AM 06:13 AM Su 12:23 PM 06:44 PM	3.3 101 9.8 299 1.7 52 10.9 332	30 12:24 AM 06:36 AM M 12:37 PM 06:40 PM	0.6 18 11.4 347 1.9 58 11.9 363
		31 03:46 AM 10:55 AM W 06:23 PM 11:41 PM	11.0 335 -2.9 -88 11.7 357 6.7 204			31 12:05 AM 05:34 AM Sa 12:09 PM 06:53 PM	4.1 125 11.2 341 -1.5 -46 12.1 369				

