



SAN FRANCISCO, California, 2012

Times and Heights of High and Low Waters

January					February					March							
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 Su	05:16 AM 12:08 PM 06:10 PM 11:11 PM	5.5 168 1.6 49 3.6 110 2.1 64	16 M	04:47 AM 11:27 AM 05:58 PM 10:46 PM	6.1 186 0.9 27 3.9 119 2.1 64	1 W	05:45 AM 01:15 PM 08:35 PM	5.5 168 0.9 27 3.8 116	16 Th	06:18 AM 01:25 PM 08:42 PM	6.2 189 -0.1 -3 4.5 137	1 Th	04:51 AM 12:16 PM 07:56 PM	5.2 158 0.9 27 3.9 119	16 F	12:59 AM 07:02 AM 01:58 PM 09:16 PM	2.7 82 5.6 171 0.0 0 4.7 143
2 M	05:59 AM 01:07 PM 07:42 PM	5.6 171 1.1 34 3.6 110	17 Tu	05:41 AM 12:38 PM 07:35 PM 11:56 PM	6.3 192 0.3 9 4.0 122 2.5 76	2 Th	12:31 AM 06:40 AM 02:06 PM 09:27 PM	3.1 94 5.6 171 0.5 15 4.1 125	17 F	01:10 AM 07:24 AM 02:23 PM 09:34 PM	2.8 85 6.2 189 -0.3 -9 4.8 146	2 F	12:01 AM 05:55 AM 01:16 PM 08:44 PM	3.2 98 5.3 162 0.6 18 4.2 128	17 Sa	02:15 AM 08:13 AM 02:57 PM 10:03 PM	2.5 76 5.6 171 0.0 0 5.0 152
3 Tu	12:09 AM 06:42 AM 01:59 PM 08:55 PM	2.5 76 5.7 174 0.7 21 3.9 119	18 W	06:38 AM 01:42 PM 08:52 PM	6.5 198 -0.2 -6 4.3 131	3 F	01:32 AM 07:33 AM 02:50 PM 10:05 PM	3.1 94 5.8 177 0.2 6 4.4 134	18 Sa	02:16 AM 08:25 AM 03:13 PM 10:18 PM	2.6 79 6.3 192 -0.4 -12 5.1 155	3 Sa	01:08 AM 06:58 AM 02:05 PM 09:20 PM	3.0 91 5.4 165 0.4 12 4.4 134	18 Su	03:16 AM 09:18 AM 03:46 PM 10:43 PM	2.1 64 5.6 171 0.1 3 5.2 158
4 W	01:06 AM 07:25 AM 02:43 PM 09:50 PM	2.8 85 5.8 177 0.3 9 4.1 125	19 Th	01:07 AM 07:36 AM 02:38 PM 09:51 PM	2.7 82 6.6 201 -0.6 -18 4.6 140	4 Sa	02:24 AM 08:23 AM 03:28 PM 10:38 PM	3.0 91 6.0 183 -0.1 -3 4.6 140	19 Su	03:11 AM 09:19 AM 03:55 PM 10:55 PM	2.3 70 6.3 192 -0.4 -12 5.3 162	4 Su	02:01 AM 07:56 AM 02:47 PM 09:51 PM	2.7 82 5.6 171 -0.1 3 4.7 143	19 M	04:08 AM 10:14 AM 04:27 PM 11:18 PM	1.7 52 5.6 171 0.2 6 5.4 165
5 Th	01:59 AM 08:08 AM 02:31 PM 10:34 PM	2.9 88 6.0 183 0.0 0 4.3 131	20 F	02:13 AM 08:32 AM 03:28 PM 10:40 PM	2.8 85 6.8 207 -0.9 -27 4.9 149	5 Su	03:09 AM 09:10 AM 04:03 PM 11:08 PM	2.8 85 6.2 189 -0.4 -12 4.9 149	20 M	04:00 AM 10:09 AM 04:34 PM 11:29 PM	2.0 61 6.2 189 -0.3 -9 5.5 168	5 M	02:48 AM 08:50 AM 03:25 PM 10:21 PM	2.3 70 5.8 177 -0.1 -3 5.0 152	20 Tu	04:52 AM 11:04 AM 05:04 PM 11:48 PM	1.3 40 5.5 168 0.4 12 5.5 168
6 F	02:46 AM 08:49 AM 03:57 PM 11:11 PM	3.0 91 6.2 189 -0.3 -9 4.5 137	21 Sa	03:11 AM 09:24 AM 04:13 PM 11:23 PM	2.7 82 6.8 207 -1.0 -30 5.2 158	6 M	03:50 AM 09:55 AM 04:36 PM 11:38 PM	2.6 79 6.4 195 -0.5 -15 5.1 155	21 Tu	04:44 AM 10:54 AM 05:09 PM	1.7 52 6.1 186 -0.1 -3	6 Tu	03:31 AM 09:40 AM 04:01 PM 10:51 PM	1.9 58 6.0 183 -0.1 -3 5.4 165	21 W	05:32 AM 11:50 AM 05:38 PM	1.0 30 5.4 165 0.7 21
7 Sa	03:29 AM 09:30 AM 04:31 PM 11:45 PM	3.0 91 6.3 192 -0.5 -15 4.7 143	22 Su	04:04 AM 10:13 AM 04:55 PM	2.5 76 6.7 204 -1.0 -30	7 Tu	04:32 AM 10:39 AM 05:10 PM	2.3 70 6.4 195 -0.5 -15	22 W	12:00 AM 05:26 AM 11:37 AM 05:42 PM	5.5 168 1.5 46 5.8 177 0.2 6	7 W	04:13 AM 10:30 AM 04:38 PM 11:22 PM	1.3 40 6.0 183 0.0 0 5.7 174	22 Th	12:15 AM 06:09 AM 12:33 PM 06:10 PM	5.6 171 0.7 21 5.2 158 1.0 30
8 Su	04:09 AM 10:11 AM 05:03 PM	2.9 88 6.4 195 -0.7 -21	23 M	12:02 AM 04:53 AM 11:00 AM 05:34 PM	5.3 162 2.3 70 6.6 201 -0.8 -24	8 W	12:08 AM 05:14 AM 11:24 AM 05:45 PM	5.3 162 1.9 58 6.3 192 -0.4 -12	23 Th	12:28 AM 06:06 AM 12:19 PM 06:15 PM	5.6 171 1.3 40 5.4 165 0.6 18	8 Th	04:57 AM 11:19 AM 05:15 PM 11:55 PM	0.8 24 5.9 180 0.2 6 6.0 183	23 F	12:40 AM 06:44 AM 01:15 PM 06:42 PM	5.6 171 0.5 15 4.9 149 1.3 40
9 M	12:18 AM 04:49 AM 10:51 AM 05:37 PM	4.9 149 2.8 85 6.4 195 -0.8 -24	24 Tu	12:39 AM 05:41 AM 11:45 AM 06:11 PM	5.4 165 2.2 67 6.3 192 -0.5 -15	9 Th	12:40 AM 05:59 AM 12:12 PM 06:21 PM	5.6 171 1.6 49 6.0 183 -0.1 -3	24 F	12:55 AM 06:46 AM 01:01 PM 06:48 PM	5.6 171 1.2 37 5.0 152 1.1 34	9 F	05:43 AM 12:11 PM 05:53 PM	0.3 9 5.7 174 0.6 18	24 Sa	01:04 AM 06:09 AM 01:57 PM 07:14 PM	5.6 171 0.4 12 4.7 143 1.7 52
10 Tu	12:50 AM 05:30 AM 11:33 AM 06:11 PM	5.0 152 2.7 82 6.3 192 -0.7 -21	25 W	01:14 AM 06:27 AM 12:29 PM 06:47 PM	5.5 168 2.1 64 5.8 177 -0.1 -3	10 F	01:13 AM 06:48 AM 01:03 PM 06:59 PM	5.8 177 1.2 37 5.6 171 0.4 12	25 Sa	01:22 AM 07:27 AM 01:46 PM 07:21 PM	5.6 171 1.1 34 4.6 140 1.5 46	10 Sa	12:30 AM 06:31 AM 01:05 PM 06:34 PM	6.2 189 0.0 0 5.3 162 1.0 30	25 Su	01:31 AM 07:55 AM 02:41 PM 07:48 PM	5.5 168 0.3 9 4.4 134 2.1 64
11 W	01:23 AM 06:15 AM 12:17 PM 06:48 PM	5.2 158 2.5 76 6.1 186 -0.5 -15	26 Th	01:46 AM 07:15 AM 01:14 PM 07:23 PM	5.5 168 2.0 61 5.3 162 0.4 12	11 Sa	01:50 AM 07:41 AM 01:59 PM 07:41 PM	6.0 183 1.0 30 5.1 155 0.9 27	26 Su	01:51 AM 08:11 AM 02:37 PM 07:57 PM	5.5 168 1.1 34 4.2 128 2.0 61	11 Su	01:09 AM 08:23 AM 03:05 PM 08:19 PM	6.3 192 -0.2 -6 4.9 149 1.6 49	26 M	02:01 AM 08:33 AM 03:29 PM 08:24 PM	5.5 168 0.4 12 4.2 128 2.2 73
12 Th	01:58 AM 07:05 AM 01:04 PM 07:26 PM	5.4 165 2.3 70 5.7 174 -0.1 -3	27 F	02:18 AM 08:05 AM 02:01 PM 08:00 PM	5.5 168 1.9 58 4.8 146 1.0 30	12 Su	02:31 AM 08:41 AM 03:06 PM 08:27 PM	6.1 186 0.8 24 4.5 137 1.5 46	27 M	02:25 AM 09:02 AM 03:38 PM 08:38 PM	5.4 165 1.1 34 3.9 119 2.4 73	12 M	02:53 AM 09:20 AM 04:13 PM 09:10 PM	6.3 192 -0.2 -6 4.5 137 2.1 64	27 Tu	02:35 AM 09:17 AM 04:26 PM 09:05 PM	5.4 165 0.4 12 3.9 119 2.7 82
13 F	02:34 AM 08:01 AM 01:58 PM 08:07 PM	5.6 171 2.0 61 5.2 158 0.3 9	28 Sa	02:51 AM 08:59 AM 02:55 PM 08:39 PM	5.5 168 1.8 55 4.3 131 1.5 46	13 M	03:17 AM 09:48 AM 04:27 PM 09:23 PM	6.2 189 0.6 18 4.1 125 2.1 64	28 Tu	03:05 AM 10:00 AM 05:01 PM 09:30 PM	5.4 165 1.1 34 3.7 113 2.8 85	13 Tu	03:42 AM 10:24 AM 05:33 PM 10:14 PM	6.2 189 -0.2 -6 4.3 131 2.5 76	28 W	03:16 AM 10:08 AM 05:36 PM 09:59 PM	5.2 158 0.5 15 3.8 116 3.0 91
14 Sa	03:14 AM 09:04 AM 03:02 PM 08:53 PM	5.7 174 1.7 52 4.6 140 0.9 27	29 Su	03:27 AM 10:00 AM 04:03 PM 09:23 PM	5.5 168 1.7 52 3.8 116 2.1 64	14 Tu	04:10 AM 11:02 AM 06:04 PM 10:32 PM	6.2 189 0.4 12 4.0 122 2.6 79	29 W	03:54 AM 11:08 AM 06:39 PM 10:42 PM	5.3 162 1.1 34 3.7 113 3.1 94	14 W	04:41 AM 11:35 AM 06:59 PM 11:33 PM	6.0 183 -0.1 -3 4.3 131 2.8 85	29 Th	04:05 AM 11:07 AM 06:53 PM 11:14 PM	5.0 152 0.6 18 3.8 116 3.1 94
15 Su	03:58 AM 10:14 AM 04:22 PM 09:45 PM	5.9 180 1.3 40 4.1 125 1.5 46	30 M	04:07 AM 11:06 AM 05:33 PM 10:16 PM	5.5 168 1.5 46 3.6 110 2.5 76	15 W	05:12 AM 12:16 PM 07:34 PM 11:53 PM	6.2 189 0.2 6 4.2 128 2.8 85	15 Th	05:48 AM 12:50 PM 08:16 PM	5.8 177 0.0 0 4.5 137	15 Th	05:48 AM 12:50 PM 08:16 PM	5.8 177 0.0 0 4.5 137	30 F	05:04 AM 12:12 PM 07:58 PM	4.9 149 0.6 18 4.0 122
			31 Tu	04:53 AM 12:14 PM 07:17 PM 11:22 PM	5.5 168 1.2 37 3.6 110 2.9 88							31 Sa	12:35 AM 06:11 AM 01:14 PM 08:46 PM	3.0 91 4.8 146 0.5 15 4.3 131			



SAN FRANCISCO, California, 2012

Datum:mean lower low water (MLLW) which is the chart datum of soundings

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 Su	01:42 AM 07:22 AM 02:09 PM 09:23 PM	2.7 82 4.9 149 0.4 12 4.6 140	16 M	03:08 AM 09:08 AM 03:07 PM 10:00 PM	1.5 46 4.7 143 0.6 18 5.4 165	1 Tu	02:12 AM 08:04 AM 02:03 PM 09:01 PM	1.7 52 4.4 134 0.7 21 5.3 162	16 W	03:39 AM 10:00 AM 03:06 PM 09:44 PM	0.6 18 4.1 125 1.5 46 5.6 171	1 F	03:33 AM 10:22 AM 03:05 PM 09:39 PM	-0.4 -12 4.2 128 1.8 55 6.5 198	16 Sa	04:37 AM 11:41 AM 03:58 PM 10:06 PM	-0.2 -6 4.1 125 2.6 79 5.9 180
2 M	02:37 AM 08:29 AM 02:57 PM 09:57 PM	2.2 67 5.0 152 0.3 9 4.9 149	17 Tu	03:57 AM 10:08 AM 03:49 PM 10:33 PM	1.0 30 4.7 143 0.9 27 5.5 168	2 W	03:03 AM 09:16 AM 02:53 PM 09:38 PM	0.9 27 4.5 137 0.9 27 5.7 174	17 Th	04:21 AM 10:57 AM 03:49 PM 10:14 PM	0.1 3 4.1 125 1.8 55 5.7 174	2 Sa	04:23 AM 11:25 AM 03:59 PM 10:25 PM	-1.1 -34 4.4 134 2.0 61 6.8 207	17 Su	05:12 AM 12:24 PM 04:40 PM 10:42 PM	-0.4 -12 4.3 131 2.8 85 5.9 180
3 Tu	03:26 AM 09:31 AM 03:40 PM 10:29 PM	1.6 49 5.2 158 0.3 9 5.3 162	18 W	04:39 AM 11:01 AM 04:28 PM 11:02 PM	0.6 18 4.7 143 1.1 34 5.6 171	3 Th	03:51 AM 10:22 AM 03:40 PM 10:16 PM	0.1 3 4.6 140 1.1 34 6.1 186	18 F	04:58 AM 11:48 AM 04:29 PM 10:44 PM	-0.2 -6 4.2 128 2.1 64 5.7 174	3 Su	05:12 AM 12:22 PM 04:52 PM 11:12 PM	-1.6 -49 4.7 143 2.2 67 6.9 210	18 M	05:45 AM 01:03 PM 05:20 PM 11:19 PM	-0.6 -18 4.4 134 2.8 85 6.0 183
4 W	04:11 AM 10:28 AM 04:21 PM 11:02 PM	0.9 27 5.3 162 0.4 12 5.7 174	19 Th	05:17 AM 11:49 AM 05:03 PM 11:28 PM	0.2 6 4.7 143 1.4 43 5.6 171	4 F	04:38 AM 11:23 AM 04:27 PM 10:55 PM	-0.6 -18 4.8 146 1.4 43 6.4 195	19 Sa	05:32 AM 12:33 PM 05:07 PM 11:13 PM	-0.4 -12 4.3 131 2.3 70 5.7 174	4 M	06:00 AM 01:15 PM 05:46 PM	-1.9 -58 4.9 149 2.3 70	19 Tu	06:18 AM 01:38 PM 05:59 PM 11:56 PM	-0.7 -21 4.5 137 2.9 88 6.0 183
5 Th	04:55 AM 11:24 AM 05:02 PM 11:36 PM	0.3 9 5.4 165 0.6 18 6.0 183	20 F	05:51 AM 12:33 PM 05:38 PM 11:53 PM	0.0 0 4.6 140 1.7 52 5.6 171	5 Sa	05:25 AM 12:20 PM 05:14 PM 11:37 PM	-1.2 -37 4.9 149 1.6 49 6.6 201	20 Su	06:05 AM 01:14 PM 05:44 PM 11:44 PM	-0.6 -18 4.3 131 2.5 76 5.7 174	5 Tu	12:01 AM 06:48 AM 02:05 PM 06:41 PM	6.9 210 -1.9 -58 5.0 152 2.4 73	20 W	06:50 AM 02:13 PM 06:38 PM	-0.8 -24 4.6 140 2.9 88
6 F	05:40 AM 12:18 PM 05:43 PM	-0.4 -12 5.4 165 0.9 27	21 Sa	06:23 AM 01:15 PM 06:11 PM	-0.2 -6 4.5 137 2.0 61	6 Su	06:13 AM 01:16 PM 06:03 PM	-1.7 -52 4.9 149 1.9 58	21 M	06:37 AM 01:54 PM 06:20 PM	-0.7 -21 4.3 131 2.7 82	6 W	12:50 AM 07:36 AM 02:55 PM 07:38 PM	6.7 204 -1.8 -55 5.1 155 2.4 73	21 Th	12:33 AM 07:23 AM 02:47 PM 07:19 PM	5.9 180 -0.8 -24 4.7 143 2.8 85
7 Sa	12:12 AM 06:27 AM 01:13 PM 06:26 PM	6.3 192 -0.8 -24 5.3 162 1.3 40	22 Su	12:20 AM 06:56 AM 01:57 PM 06:45 PM	5.6 171 -0.3 -9 4.4 134 2.3 70	7 M	12:21 AM 07:01 AM 02:12 PM 06:54 PM	6.7 204 -1.8 -55 4.9 149 2.1 64	22 Tu	12:17 AM 07:10 AM 02:34 PM 06:58 PM	5.7 174 -0.7 -21 4.3 131 2.8 85	7 Th	01:42 AM 08:25 AM 03:44 PM 08:41 PM	6.3 192 -1.4 -43 5.1 155 2.4 73	22 F	01:13 AM 07:58 AM 03:21 PM 08:05 PM	5.7 174 -0.7 -21 4.8 146 2.8 85
8 Su	12:52 AM 07:15 AM 02:10 PM 07:12 PM	6.5 198 -1.1 -34 5.1 155 1.7 52	23 M	12:49 AM 08:40 AM 02:40 PM 07:20 PM	5.6 171 -0.3 -9 4.3 131 2.5 76	8 Tu	01:09 AM 07:52 AM 03:09 PM 07:50 PM	6.6 201 -1.7 -52 4.9 149 2.3 70	23 W	12:53 AM 07:44 AM 03:14 PM 07:38 PM	5.6 171 -0.7 -21 4.3 131 2.9 88	8 F	02:35 AM 09:13 AM 04:33 PM 09:49 PM	5.8 177 -0.9 -27 5.2 158 2.3 70	23 Sa	01:56 AM 08:35 AM 03:57 PM 08:58 PM	5.5 168 -0.5 -15 4.9 149 2.6 79
9 M	01:35 AM 08:07 AM 03:11 PM 08:02 PM	6.5 198 -1.2 -37 4.8 146 2.0 61	24 Tu	01:21 AM 08:06 AM 03:26 PM 07:58 PM	5.5 168 -0.3 -9 4.2 128 2.7 82	9 W	01:59 AM 08:44 AM 04:07 PM 08:53 PM	6.3 192 -1.5 -46 4.8 146 2.5 76	24 Th	01:31 AM 08:22 AM 03:55 PM 08:24 PM	5.5 168 -0.6 -18 4.4 134 2.9 88	9 Sa	03:32 AM 10:03 AM 05:22 PM 11:01 PM	5.2 158 -0.4 -12 5.3 162 2.1 64	24 Su	02:43 AM 09:57 AM 04:34 PM 09:58 PM	5.1 155 -0.2 -6 5.1 155 2.3 70
10 Tu	02:22 AM 09:02 AM 04:16 PM 09:01 PM	6.3 192 -1.0 -30 4.6 140 2.4 73	25 W	01:57 AM 08:46 AM 04:16 PM 08:43 PM	5.3 162 -0.2 -6 4.1 125 2.9 88	10 Th	02:54 AM 09:40 AM 05:06 PM 10:06 PM	5.9 180 -1.1 -34 4.8 146 2.5 76	25 F	02:13 AM 09:02 AM 04:38 PM 09:20 PM	5.2 158 -0.5 -15 4.4 134 2.9 88	10 Su	04:36 AM 10:53 AM 06:09 PM	4.6 140 2.6 6 5.3 162	25 M	03:39 AM 09:57 AM 05:14 PM 11:05 PM	4.7 143 0.3 9 5.3 162 1.9 58
11 W	03:15 AM 10:02 AM 05:27 PM 10:12 PM	6.0 183 -0.8 -24 4.5 137 2.6 79	26 Th	02:39 AM 09:31 AM 05:10 PM 09:39 PM	5.1 155 -0.1 -3 4.1 125 3.0 91	11 F	03:54 AM 10:37 AM 06:05 PM 11:26 PM	5.3 162 -0.6 -18 4.9 149 2.4 73	26 Sa	03:00 AM 09:46 AM 05:21 PM 10:25 PM	5.0 152 -0.3 -9 4.6 140 2.8 85	11 M	12:15 AM 05:49 AM 11:45 AM 06:54 PM	1.8 55 4.0 122 0.8 24 5.4 165	26 Tu	04:46 AM 10:44 AM 05:56 PM	4.2 128 0.8 24 5.6 171
12 Th	04:17 AM 11:08 AM 06:38 PM 11:36 PM	5.6 171 -0.4 -12 4.6 140 2.6 79	27 F	03:27 AM 10:21 AM 06:06 PM 10:50 PM	4.9 149 0.1 3 4.1 125 3.0 91	12 Sa	05:02 AM 11:36 AM 07:00 PM	4.8 146 -0.1 -3 5.1 155	27 Su	03:55 AM 10:33 AM 06:04 PM 11:36 PM	4.6 140 0.0 0 4.8 146 2.4 73	12 Tu	01:23 AM 07:12 AM 12:38 PM 07:37 PM	1.4 43 3.7 113 1.3 40 5.5 168	27 W	12:14 AM 06:08 AM 11:37 AM 06:42 PM	1.4 43 3.8 116 1.3 40 5.9 180
13 F	05:26 AM 12:16 PM 07:43 PM	5.3 162 -0.1 -3 4.8 146	28 Sa	04:24 AM 11:17 AM 06:58 PM	4.7 143 0.2 6 4.3 131	13 Su	12:44 AM 06:18 AM 12:34 PM 07:49 PM	2.0 61 4.4 134 0.4 12 5.2 158	28 M	05:02 AM 11:25 AM 06:46 PM	4.3 131 0.4 12 5.1 155	13 W	02:22 AM 08:37 AM 01:31 PM 08:16 PM	0.9 27 3.6 110 1.8 55 5.6 171	28 Th	01:20 AM 07:42 AM 12:36 PM 07:30 PM	0.8 24 3.7 113 1.8 55 6.2 189
14 Sa	12:59 AM 06:43 AM 01:21 PM 08:37 PM	2.4 73 5.0 152 0.1 3 5.0 152	29 Su	12:06 AM 05:32 AM 12:15 PM 07:43 PM	2.8 85 4.5 137 0.3 9 4.6 140	14 M	01:53 AM 07:38 AM 01:29 PM 08:33 PM	1.5 46 4.1 125 0.8 24 5.4 165	29 Tu	12:44 AM 06:21 AM 12:19 PM 07:28 PM	1.9 58 4.0 122 0.8 24 5.4 165	14 Th	03:14 AM 09:51 AM 02:23 PM 08:54 PM	0.5 15 3.7 113 2.2 67 5.7 174	29 F	02:22 AM 09:11 AM 01:39 PM 08:21 PM	0.1 3 3.8 116 2.2 67 6.5 198
15 Su	02:10 AM 07:59 AM 02:18 PM 09:22 PM	2.0 61 4.8 146 0.4 12 5.2 158	30 M	01:14 AM 06:47 AM 01:11 PM 08:23 PM	2.3 70 4.4 134 0.5 15 4.9 149	15 Tu	02:50 AM 08:54 AM 02:20 PM 09:10 PM	1.0 30 4.0 122 1.2 37 5.5 168	30 W	01:46 AM 07:47 AM 01:14 PM 08:11 PM	1.1 34 3.9 119 1.1 34 5.8 177	15 F	03:58 AM 10:51 AM 03:12 PM 09:30 PM	0.1 3 3.9 119 2.4 73 5.8 177	30 Sa	03:18 AM 10:24 AM 02:42 PM 09:13 PM	-0.6 -18 4.1 125 2.4 73 6.8 207
									31 Th	02:42 AM 09:09 AM 02:10 PM 08:54 PM	0.4 12 4.0 122 1.5 46 6.2 189						



SAN FRANCISCO, California, 2012

Datum:mean lower low water (MLLW) which is the chart datum of soundings

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	01:04 AM	5.1	155	16	12:51 AM	5.3	162	1	02:31 AM	4.6	140	16	01:41 AM	5.1	155
M	06:24 AM	1.7	52	Tu	05:58 AM	1.7	52	Th	07:07 AM	2.8	85	F	06:19 AM	2.6	79
	12:44 PM	5.8	177		12:22 PM	6.6	201		01:03 PM	5.7	174		12:30 PM	6.7	204
	07:02 PM	0.3	9		06:48 PM	-1.0	-30		07:51 PM	-0.2	-6		07:15 PM	-1.4	-43
2	01:49 AM	4.9	149	17	01:46 AM	5.2	158	2	03:17 AM	4.5	137	17	02:37 AM	5.1	155
Tu	06:59 AM	2.0	61	W	06:43 AM	2.0	61	F	07:47 AM	3.0	91	Sa	07:20 AM	2.7	82
	01:12 PM	5.7	174		01:04 PM	6.7	204		01:39 PM	5.5	168		01:25 PM	6.3	192
	07:39 PM	0.3	9		07:38 PM	-1.1	-34		08:30 PM	0.0	0		08:09 PM	-1.0	-30
3	02:35 AM	4.7	143	18	02:45 AM	5.0	152	3	04:05 AM	4.4	134	18	03:35 AM	5.1	155
W	07:35 AM	2.4	73	Th	07:32 AM	2.3	70	Sa	08:34 AM	3.2	98	Su	08:31 AM	2.7	82
	01:42 PM	5.6	171		01:51 PM	6.5	198		02:20 PM	5.3	162		02:25 PM	5.8	177
	08:19 PM	0.4	12		08:31 PM	-1.0	-30		09:14 PM	0.2	6		09:06 PM	-0.5	-15
4	03:25 AM	4.4	134	19	03:48 AM	4.9	149	4	03:57 AM	4.4	134	19	04:32 AM	5.2	158
Th	08:15 AM	2.7	82	F	08:29 AM	2.6	79	Su	08:31 AM	3.3	101	M	09:51 AM	2.6	79
	02:18 PM	5.5	168		02:44 PM	6.3	192		02:08 PM	5.0	152		03:33 PM	5.2	158
	09:02 PM	0.5	15		09:30 PM	-0.7	-21		09:02 PM	0.3	9		10:05 PM	0.0	0
5	04:22 AM	4.2	128	20	04:55 AM	4.8	146	5	04:49 AM	4.5	137	20	05:27 AM	5.4	165
F	09:01 AM	3.0	91	Sa	09:39 AM	2.8	85	M	09:42 AM	3.2	98	Tu	11:12 AM	2.2	67
	03:00 PM	5.3	162		03:45 PM	5.9	180		03:05 PM	4.8	146		04:50 PM	4.7	143
	09:53 PM	0.6	18		10:34 PM	-0.4	-12		09:56 PM	0.5	15		11:04 PM	0.5	15
6	05:28 AM	4.1	125	21	06:04 AM	4.9	149	6	05:37 AM	4.6	140	21	06:18 AM	5.6	171
Sa	10:00 AM	3.2	98	Su	11:01 AM	2.8	85	Tu	10:57 AM	3.0	91	W	12:25 PM	1.7	52
	03:49 PM	5.1	155		04:54 PM	5.5	168		04:12 PM	4.5	137		06:12 PM	4.4	134
	10:51 PM	0.8	24		11:41 PM	-0.1	-3		10:51 PM	0.7	21		10:48 PM	1.1	34
7	06:38 AM	4.2	128	22	07:07 AM	5.0	152	7	06:20 AM	4.8	146	22	12:01 AM	1.0	30
Su	11:16 AM	3.3	101	M	12:26 PM	2.6	79	W	12:03 PM	2.5	76	Th	07:04 AM	5.7	174
	04:49 PM	4.9	149		06:11 PM	5.2	158		05:26 PM	4.4	134		01:27 PM	1.2	37
	11:54 PM	0.8	24						11:46 PM	0.9	27		07:31 PM	4.3	131
8	07:38 AM	4.3	131	23	12:46 AM	0.2	6	8	06:59 AM	5.1	155	23	12:55 AM	1.4	43
M	12:32 PM	3.1	94	Tu	08:02 AM	5.3	162	Th	12:57 PM	1.9	58	F	07:45 AM	5.9	180
	05:56 PM	4.8	146		01:40 PM	2.1	64		06:42 PM	4.4	134		02:19 PM	0.6	18
					07:28 PM	5.0	152						08:42 PM	4.3	131
9	12:55 AM	0.8	24	24	01:45 AM	0.5	15	9	12:38 AM	1.1	34	24	01:44 AM	1.8	55
Tu	08:23 AM	4.6	140	W	08:49 AM	5.5	168	F	07:35 AM	5.5	168	Sa	08:22 AM	6.0	183
	01:35 PM	2.8	85		02:41 PM	1.6	49		01:46 PM	1.2	37		03:03 PM	0.2	6
	07:05 PM	4.9	149		08:41 PM	5.0	152		07:54 PM	4.5	137		09:42 PM	4.4	134
10	01:48 AM	0.8	24	25	02:37 AM	0.8	24	10	01:27 AM	1.3	40	25	02:30 AM	2.1	64
W	09:00 AM	4.8	146	Th	09:30 AM	5.7	174	Sa	08:11 AM	5.9	180	Su	08:55 AM	6.0	183
	02:26 PM	2.4	73		03:33 PM	1.0	30		02:31 PM	0.4	12		03:42 PM	-0.1	-3
	08:11 PM	5.0	152		09:45 PM	4.9	149		09:00 PM	4.6	140		10:34 PM	4.5	137
11	02:35 AM	0.8	24	26	03:23 AM	1.1	34	11	02:14 AM	1.5	46	26	03:12 AM	2.4	73
Th	09:32 AM	5.1	155	F	10:05 AM	5.9	180	Su	08:48 AM	6.3	192	Tu	09:27 AM	6.1	186
	03:11 PM	1.8	55		04:18 PM	0.6	18		03:16 PM	-0.3	-9		04:17 PM	-0.3	-9
	09:12 PM	5.1	155		10:42 PM	4.9	149		10:00 PM	4.8	146		11:21 PM	4.6	140
12	03:17 AM	0.8	24	27	04:04 AM	1.4	43	12	03:00 AM	1.8	55	27	03:52 AM	2.6	79
F	10:03 AM	5.5	168	Sa	10:37 AM	5.9	180	M	09:27 AM	6.6	201	Tu	09:57 AM	6.0	183
	03:53 PM	1.1	34		04:57 PM	0.2	6		04:01 PM	-1.0	-30		04:50 PM	-0.5	-15
	10:09 PM	5.2	158		11:33 PM	4.9	149		10:57 PM	5.0	152		11:48 PM	5.0	152
13	03:57 AM	0.9	27	28	04:42 AM	1.7	52	13	03:46 AM	2.0	61	28	12:03 AM	4.6	140
Sa	10:35 AM	5.8	177	Su	11:06 AM	6.0	183	Tu	10:08 AM	6.9	210	W	04:30 AM	2.8	85
	04:35 PM	0.5	15		05:33 PM	0.0	0		04:47 PM	-1.4	-43		10:29 AM	6.0	183
	11:03 PM	5.3	162						11:52 PM	5.1	155		05:23 PM	-0.5	-15
14	04:36 AM	1.1	34	29	12:21 AM	4.8	146	14	04:34 AM	2.2	67	29	12:42 AM	4.6	140
Su	11:08 AM	6.2	189	M	05:18 AM	2.0	61	W	10:52 AM	7.0	213	Th	05:08 AM	2.9	88
	05:17 PM	-0.1	-3		11:33 AM	5.9	180		05:34 PM	-1.6	-49		11:02 AM	5.9	180
	11:57 PM	5.4	165		06:07 PM	-0.2	-6						05:55 PM	-0.5	-15
15	05:16 AM	1.4	43	30	01:05 AM	4.8	146	15	12:46 AM	5.1	155	30	01:20 AM	4.6	140
M	11:43 AM	6.4	195	Tu	05:54 AM	2.3	70	Th	05:24 AM	2.4	73	F	05:46 AM	3.0	91
	06:02 PM	-0.6	-18		12:01 PM	5.9	180		11:39 AM	6.9	210		11:36 AM	5.8	177
					06:40 PM	-0.2	-6		06:24 PM	-1.6	-49		06:29 PM	-0.5	-15
				31	01:48 AM	4.7	143					30	06:08 AM	2.5	76
				W	06:30 AM	2.6	79					Sa	12:16 PM	6.7	204
					12:30 PM	5.8	177						06:57 PM	-1.4	-43
					07:14 PM	-0.2	-6					31	01:58 AM	5.0	152
												M	06:48 AM	2.8	85
													12:37 PM	5.6	171
													07:13 PM	-0.2	-6

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.