



**SAN FRANCISCO, California, 2013**

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

**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														
<b>1</b>	02:30 AM	5.1	155	<b>16</b> W	03:02 AM	5.8	177	<b>1</b> F	02:56 AM	5.7	174	<b>16</b> Sa	03:28 AM	5.6	171	<b>1</b> F	01:33 AM	5.9	180	<b>16</b> Sa	02:52 AM	5.5	168									
	07:34 AM	2.7	82			08:54 AM	1.8		55		08:59 AM		1.4	43			10:15 AM	1.2	37			07:38 AM	0.6	18		09:26 AM	0.6	18				
	01:22 PM	5.2	158			02:50 PM	4.8		146		03:09 PM		4.3	131			04:55 PM	3.9	119			02:09 PM	4.7	143		04:20 PM	4.2	128		04:20 PM	4.2	128
	07:49 PM	0.2	6			08:46 PM	0.8		24		08:41 PM		1.5	46			09:49 PM	2.5	76			07:32 PM	1.5	46		09:19 PM	2.4	73		09:19 PM	2.4	73
<b>2</b>	03:06 AM	5.2	158	<b>17</b> Th	03:45 AM	5.8	177	<b>2</b> Sa	03:39 AM	5.9	180	<b>17</b> Su	04:15 AM	5.4	165	<b>2</b> Sa	02:14 AM	6.0	183	<b>17</b> Su	03:31 AM	5.3	162									
	08:29 AM	2.5	76			10:01 AM	1.6		49		10:05 AM		1.1	34			11:24 AM	1.1	34			08:34 AM	0.4	12		10:20 AM	0.7	21		10:20 AM	0.7	21
	02:13 PM	4.8	146			03:59 PM	4.2		128		04:29 PM		4.0	122			06:30 PM	3.8	116			03:15 PM	4.3	131		05:30 PM	3.9	119		05:30 PM	3.9	119
	08:29 PM	0.6	18			09:35 PM	1.4		43		09:34 PM		2.0	61			10:55 PM	2.8	85			08:19 PM	2.0	61		10:14 PM	2.7	82		10:14 PM	2.7	82
<b>3</b>	03:44 AM	5.4	165	<b>18</b> F	04:30 AM	5.7	174	<b>3</b> Su	04:30 AM	6.0	183	<b>18</b> M	05:09 AM	5.4	165	<b>3</b> Su	03:01 AM	6.0	183	<b>18</b> M	04:18 AM	5.1	155									
	09:32 AM	2.2	67			11:11 AM	1.4		43		11:16 AM		0.8	24			12:32 PM	1.0	30			11:21 AM	0.8	24		11:21 AM	0.8	24		11:21 AM	0.8	24
	03:15 PM	4.3	131			05:23 PM	3.9		119		06:06 PM		3.8	116			07:53 PM	3.9	119			04:35 PM	4.1	125		06:52 PM	3.9	119		06:52 PM	3.9	119
	09:14 PM	1.0	30			10:30 PM	2.0		61		10:40 PM		2.5	76			10:40 PM	2.5	76			09:19 PM	2.4	73		11:25 PM	2.9	88		11:25 PM	2.9	88
<b>4</b>	04:26 AM	5.6	171	<b>19</b> Sa	05:17 AM	5.7	174	<b>4</b> M	05:28 AM	6.1	186	<b>19</b> Tu	12:08 AM	3.0	91	<b>4</b> M	03:57 AM	5.9	180	<b>19</b> Tu	05:14 AM	5.0	152									
	10:40 AM	1.8	55			12:20 PM	1.1		34		12:27 PM		0.3	9			10:48 AM	0.2	6			12:28 PM	0.9	27		12:28 PM	0.9	27		12:28 PM	0.9	27
	04:33 PM	4.0	122			06:57 PM	3.8		116		07:39 PM		4.0	122			01:32 PM	0.7	21			10:48 AM	0.2	6		08:07 PM	4.0	122		08:07 PM	4.0	122
	10:05 PM	1.5	46			11:32 PM	2.5		76		11:56 PM		2.7	82			08:50 PM	4.2	128			10:34 PM	2.7	82		10:34 PM	2.7	82		10:34 PM	2.7	82
<b>5</b>	05:13 AM	5.8	177	<b>20</b> Su	06:06 AM	5.7	174	<b>5</b> Tu	06:31 AM	6.3	192	<b>20</b> W	01:14 AM	3.0	91	<b>5</b> Tu	05:03 AM	5.9	180	<b>20</b> W	12:42 AM	3.0	91									
	11:49 AM	1.2	37			01:22 PM	0.8		24		01:32 PM		-0.1	-3			12:02 PM	0.1	3			06:18 AM	4.9	149		06:18 AM	4.9	149		06:18 AM	4.9	149
	06:07 PM	3.8	116			08:19 PM	3.9		119		08:48 PM		4.4	134			07:07 AM	5.4	165			07:26 PM	4.3	131		01:32 PM	0.8	24		01:32 PM	0.8	24
	11:05 PM	2.0	61														09:32 PM	4.4	134			11:59 PM	2.8	85		09:02 PM	4.2	128		09:02 PM	4.2	128
<b>6</b>	06:03 AM	6.1	186	<b>21</b> M	12:36 AM	2.8	85	<b>6</b> W	01:10 AM	2.7	82	<b>21</b> Th	02:08 AM	2.8	85	<b>6</b> W	06:14 AM	5.9	180	<b>21</b> Th	01:50 AM	2.8	85									
	12:53 PM	0.5	15			06:56 AM	5.8		177		07:33 AM		6.5	198			08:01 AM	5.6	171			01:09 PM	-0.1	-3		07:25 AM	4.9	149		07:25 AM	4.9	149
	07:40 PM	3.9	119			02:14 PM	0.5		15		02:29 PM		-0.5	-15			03:02 PM	0.3	9			08:27 PM	4.6	140		02:27 PM	0.7	21		02:27 PM	0.7	21
						09:20 PM	4.2		128		09:42 PM		4.8	146			10:06 PM	4.6	140							09:42 PM	4.4	134		09:42 PM	4.4	134
<b>7</b>	12:11 AM	2.3	70	<b>22</b> Tu	01:36 AM	2.9	88	<b>7</b> Th	02:16 AM	2.6	79	<b>22</b> F	02:54 AM	2.6	79	<b>7</b> Th	01:14 AM	2.5	76	<b>22</b> F	02:45 AM	2.5	76									
	06:55 AM	6.4	195			07:44 AM	5.8		177		08:33 AM		6.7	204			07:24 AM	6.0	183			08:28 AM	5.0	152		02:45 AM	2.5	76		02:45 AM	2.5	76
	01:51 PM	-0.1	-3			02:59 PM	0.2		6		03:19 PM		-0.8	-24			03:37 PM	0.2	6			02:08 PM	-0.3	-9		03:12 PM	0.6	18		03:12 PM	0.6	18
	08:55 PM	4.2	128			10:07 PM	4.4		134		10:27 PM		5.1	155			10:35 PM	4.8	146			09:16 PM	5.0	152		10:14 PM	4.7	143		10:14 PM	4.7	143
<b>8</b>	01:17 AM	2.5	76	<b>23</b> W	02:28 AM	2.9	88	<b>8</b> F	03:14 AM	2.3	70	<b>23</b> Sa	03:34 AM	2.3	70	<b>8</b> F	02:18 AM	2.2	67	<b>23</b> Sa	03:31 AM	2.1	64									
	07:49 AM	6.7	204			08:29 AM	5.9		180		09:28 AM		6.8	207			08:27 AM	6.1	186			08:27 AM	6.1	186		03:51 PM	0.5	15		03:51 PM	0.5	15
	02:44 PM	-0.7	-21			03:37 PM	0.0		0		04:05 PM		-0.9	-27			04:09 PM	0.1	3			02:58 PM	-0.3	-9		10:43 PM	4.9	149		10:43 PM	4.9	149
	09:55 PM	4.6	140			10:45 PM	4.6		140		11:08 PM		5.4	165			11:03 PM	5.0	152			09:58 PM	5.3	162								
<b>9</b>	02:19 AM	2.6	79	<b>24</b> Th	03:13 AM	2.8	85	<b>9</b> Sa	04:07 AM	2.0	61	<b>24</b> Su	04:11 AM	2.0	61	<b>9</b> Sa	03:12 AM	1.7	52	<b>24</b> Su	04:11 AM	1.7	52									
	08:42 AM	7.0	213			09:11 AM	6.1		186		10:21 AM		6.7	204			10:16 AM	5.9	180			09:25 AM	6.1	186		11:02 AM	5.3	162		11:02 AM	5.3	162
	03:34 PM	-1.1	-34			04:11 PM	-0.1		-3		04:48 PM		-0.9	-27			04:40 PM	0.1	3			03:43 PM	-0.3	-9		04:27 PM	0.5	15		04:27 PM	0.5	15
	10:46 PM	4.9	149			11:17 PM	4.7		143		11:46 PM		5.6	171			11:29 PM	5.2	158			10:36 PM	5.6	171		11:11 PM	5.2	158		11:11 PM	5.2	158
<b>10</b>	03:17 AM	2.5	76	<b>25</b> F	03:54 AM	2.7	82	<b>10</b> Su	04:57 AM	1.7	52	<b>25</b> M	04:48 AM	1.7	52	<b>10</b> Su	05:01 AM	1.3	40	<b>25</b> M	04:48 AM	1.2	37									
	09:35 AM	7.1	216			09:51 AM	6.1		186		11:11 AM		6.6	201			10:57 AM	5.8	177			11:18 AM	6.1	186		11:02 AM	5.3	162		11:02 AM	5.3	162
	04:22 PM	-1.4	-43			04:42 PM	-0.2		-6		05:29 PM		-0.6	-18			05:10 PM	0.2	6			05:24 PM	-0.1	-3		05:01 PM	0.5	15		05:01 PM	0.5	15
	11:32 PM	5.2	158			11:47 PM	4.9		149								11:57 PM	5.4	165							11:39 PM	5.5	168		11:39 PM	5.5	168
<b>11</b>	04:12 AM	2.4	73	<b>26</b> Sa	04:32 AM	2.6	79	<b>11</b> M	12:23 AM	5.8	177	<b>26</b> Tu	05:25 AM	1.4	43	<b>11</b> M	12:10 AM	5.8	177	<b>26</b> Tu	05:26 AM	0.7	21									
	10:26 AM	7.1	216			10:30 AM	6.1		186		05:45 AM		1.4	43			11:40 AM	5.7	174			05:47 AM	0.9	27		11:49 AM	5.4	165		11:49 AM	5.4	165
	05:07 PM	-1.4	-43			05:12 PM	-0.3		-9		11:59 AM		6.2	189			05:42 PM	0.4	12			12:07 PM	5.9	180		05:35 PM	0.7	21		05:35 PM	0.7	21
											06:09 PM		-0.2	-6								06:02 PM	0.2	6								
<b>12</b>	12:16 AM	5.4	165	<b>27</b> Su	12:15 AM	5.0	152	<b>12</b> Tu	12:59 AM	5.9	180	<b>27</b> W	12:26 AM	5.6	171	<b>12</b> Tu	12:43 AM	5.9	180	<b>27</b> W	12:09 AM	5.7	174									
	05:05 AM	2.2	67			05:08 AM	2.5		76		06:34 AM		1.3	40			06:05 AM	1.1	34			06:05 AM	0.3	9		06:05 AM	0.3	9		06:05 AM	0.3	9
	11:17 AM	6.9	210			11:08 AM	6.1		186		12:48 PM		5.8	177			12:25															



**SAN FRANCISCO, California, 2013**

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	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				
<b>1</b> M	03:33 AM 10:16 AM 05:36 PM 10:18 PM	5.9 180 -0.4 -12 4.3 131 2.6 79	<b>16</b> Tu	03:30 AM 10:27 AM 06:08 PM 10:55 PM	4.9 149 0.3 9 4.0 122 2.9 88	<b>1</b> W	04:16 AM 10:58 AM 06:26 PM 11:43 PM	5.4 165 -0.6 -18 4.9 149 2.3 70	<b>16</b> Th	03:44 AM 10:32 AM 06:08 PM 11:32 PM	4.6 140 0.2 6 4.4 134 2.7 82	<b>1</b> Sa	12:47 AM 06:31 AM 12:24 PM 07:32 PM	1.6 49 4.2 128 0.6 18 5.7 174	<b>16</b> Su	05:18 AM 11:19 AM 06:34 PM	3.9 119 0.9 27 5.3 162
<b>2</b> Tu	04:34 AM 11:24 AM 06:52 PM 11:41 PM	5.7 174 -0.3 -9 4.4 134 2.7 82	<b>17</b> W	04:24 AM 11:25 AM 07:08 PM	4.7 143 0.5 15 4.1 125	<b>2</b> Th	05:29 AM 12:02 PM 07:24 PM	5.0 152 -0.2 -6 5.1 155	<b>17</b> F	04:44 AM 11:22 AM 06:52 PM	4.3 131 0.5 15 4.6 140	<b>2</b> Su	01:55 AM 07:55 AM 01:21 PM 08:18 PM	1.0 30 4.0 122 1.1 34 5.8 177	<b>17</b> M	12:55 AM 06:39 AM 12:12 PM 07:16 PM	1.6 49 3.7 113 1.4 43 5.6 171
<b>3</b> W	05:45 AM 12:34 PM 08:00 PM	5.4 165 -0.1 -3 4.7 143	<b>18</b> Th	12:11 AM 05:28 AM 12:25 PM 07:58 PM	2.9 88 4.5 137 0.6 18 4.3 131	<b>3</b> F	01:03 AM 06:47 AM 01:04 PM 08:16 PM	2.0 61 4.7 143 0.2 6 5.3 162	<b>18</b> Sa	12:39 AM 05:53 AM 12:15 PM 07:33 PM	2.4 73 4.0 122 0.7 21 4.9 149	<b>3</b> M	02:54 AM 09:13 AM 02:14 PM 09:00 PM	0.5 15 4.0 122 1.5 46 5.9 180	<b>18</b> Tu	01:53 AM 08:08 AM 01:08 PM 08:00 PM	0.9 27 3.6 110 1.7 52 5.9 180
<b>4</b> Th	01:05 AM 07:01 AM 01:40 PM 08:55 PM	2.4 73 5.3 162 0.0 0 5.0 152	<b>19</b> F	01:19 AM 06:39 AM 01:21 PM 08:39 PM	2.6 79 4.3 131 0.7 21 4.5 137	<b>4</b> Sa	02:12 AM 08:06 AM 02:01 PM 09:01 PM	1.4 43 4.5 137 0.5 15 5.5 168	<b>19</b> Su	01:38 AM 07:11 AM 01:08 PM 08:11 PM	1.9 58 3.9 119 1.0 30 5.2 158	<b>4</b> Tu	03:45 AM 10:21 AM 03:05 PM 09:38 PM	0.1 3 4.1 125 1.9 58 6.0 183	<b>19</b> W	02:46 AM 09:29 AM 02:06 PM 08:46 PM	0.2 6 3.8 116 2.0 61 6.3 192
<b>5</b> F	02:17 AM 08:16 AM 02:38 PM 09:41 PM	2.0 61 5.2 158 0.1 3 5.3 162	<b>20</b> Sa	02:15 AM 07:49 AM 02:11 PM 09:13 PM	2.2 67 4.3 131 0.8 24 4.8 146	<b>5</b> Su	03:10 AM 09:19 AM 02:52 PM 09:41 PM	0.9 27 4.5 137 0.8 24 5.7 174	<b>20</b> M	02:29 AM 08:28 AM 01:59 PM 08:49 PM	1.2 37 3.9 119 2.2 37 5.5 168	<b>5</b> W	04:29 AM 11:18 AM 03:52 PM 10:14 PM	-0.3 -9 4.2 128 2.2 67 6.0 183	<b>20</b> Th	03:37 AM 10:36 AM 03:03 PM 09:34 PM	-0.5 -15 4.1 125 2.2 67 6.6 201
<b>6</b> Sa	03:17 AM 09:23 AM 03:28 PM 10:22 PM	1.5 46 5.3 162 0.2 6 5.5 168	<b>21</b> Su	03:02 AM 08:55 AM 02:56 PM 09:45 PM	1.6 49 4.4 134 0.8 24 5.1 155	<b>6</b> M	03:59 AM 10:22 AM 03:39 PM 10:18 PM	0.3 9 4.5 137 1.2 37 5.8 177	<b>21</b> Tu	03:15 AM 09:39 AM 02:48 PM 09:27 PM	0.5 15 4.0 122 1.5 46 5.9 180	<b>6</b> Th	05:07 AM 12:08 PM 04:37 PM 10:48 PM	-0.5 -15 4.3 131 2.4 73 5.9 180	<b>21</b> F	04:25 AM 11:34 AM 03:58 PM 10:23 PM	-1.1 -34 4.4 130 2.3 70 6.8 207
<b>7</b> Su	04:08 AM 10:23 AM 04:13 PM 10:58 PM	0.9 27 5.3 162 0.4 12 5.7 174	<b>22</b> M	03:44 AM 09:55 AM 03:37 PM 10:17 PM	1.0 30 4.6 140 0.9 27 5.5 168	<b>7</b> Tu	04:43 AM 11:19 AM 04:22 PM 10:51 PM	-0.1 -3 4.5 137 1.5 46 5.9 180	<b>22</b> W	03:59 AM 10:42 AM 03:36 PM 10:07 PM	-0.2 -6 4.3 131 1.7 52 6.2 189	<b>7</b> F	05:43 AM 12:53 PM 05:18 PM 11:21 PM	-0.6 -18 4.4 134 2.5 76 5.9 180	<b>22</b> Sa	05:13 AM 12:25 PM 04:53 PM 11:13 PM	-1.5 -46 4.7 143 2.4 73 7.0 213
<b>8</b> M	04:54 AM 11:17 AM 04:54 PM 11:31 PM	0.5 15 5.2 158 0.7 21 5.8 177	<b>23</b> Tu	04:24 AM 10:50 AM 04:17 PM 10:50 PM	0.4 12 4.7 143 1.1 34 5.8 177	<b>8</b> W	05:22 AM 12:09 PM 05:03 PM 11:22 PM	-0.4 -12 4.6 140 1.8 55 5.9 180	<b>23</b> Th	04:44 AM 11:39 AM 04:24 PM 10:49 PM	-0.9 -27 4.5 137 1.9 58 6.5 198	<b>8</b> Sa	06:16 AM 01:33 PM 05:59 PM 11:55 PM	-0.7 -21 4.5 137 2.7 82 5.8 177	<b>23</b> Su	06:00 AM 01:14 PM 05:48 PM	-1.8 -55 5.0 152 2.3 70
<b>9</b> Tu	05:35 AM 12:07 PM 05:32 PM	0.1 3 5.1 155 1.0 30	<b>24</b> W	05:04 AM 11:55 AM 04:57 PM 11:25 PM	-0.2 -6 4.8 146 1.3 40 6.1 186	<b>9</b> Th	05:59 AM 12:56 PM 05:42 PM 11:52 PM	-0.6 -18 4.5 137 2.0 61 5.8 177	<b>24</b> F	05:28 AM 12:33 PM 05:12 PM 11:32 PM	-1.4 -43 4.7 143 2.0 61 6.7 204	<b>9</b> Su	06:49 AM 02:10 PM 06:38 PM	-0.7 -21 4.5 137 2.7 82	<b>24</b> M	12:03 AM 06:47 AM 02:00 PM 06:44 PM	7.0 213 -1.8 -55 5.2 158 2.3 70
<b>10</b> W	12:02 AM 06:14 AM 12:55 PM 06:10 PM	5.9 180 -0.1 -3 5.0 152 1.4 43	<b>25</b> Th	05:46 AM 12:35 PM 05:39 PM	-0.8 -24 4.9 149 1.5 46	<b>10</b> F	06:33 AM 01:40 PM 06:21 PM	-0.7 -21 4.5 137 2.3 70	<b>25</b> Sa	06:15 AM 01:26 PM 06:02 PM	-1.7 -52 4.8 146 2.2 67	<b>10</b> M	12:30 AM 07:22 AM 02:46 PM 07:19 PM	5.7 174 -0.7 -21 4.5 137 2.8 85	<b>25</b> Tu	12:55 AM 07:34 AM 02:47 PM 07:42 PM	6.8 207 -1.6 -49 5.3 162 2.2 67
<b>11</b> Th	12:31 AM 06:52 AM 01:41 PM 06:47 PM	5.8 177 -0.2 -6 4.8 146 1.7 52	<b>26</b> F	12:02 AM 06:30 AM 01:28 PM 06:22 PM	6.3 192 -1.2 -37 4.9 149 1.8 55	<b>11</b> Sa	12:23 AM 07:08 AM 02:23 PM 07:00 PM	5.7 174 -0.7 -21 4.4 134 2.5 76	<b>26</b> Su	12:19 AM 07:02 AM 02:17 PM 06:55 PM	6.7 204 -1.9 -58 4.9 149 2.3 70	<b>11</b> Tu	01:06 AM 07:56 AM 03:22 PM 08:02 PM	5.5 168 -0.5 -15 4.5 137 2.8 85	<b>26</b> W	01:49 AM 08:22 AM 03:33 PM 08:45 PM	6.4 195 -1.3 -40 5.5 168 2.1 64
<b>12</b> F	01:01 AM 07:29 AM 02:27 PM 07:25 PM	5.7 174 -0.3 -9 4.6 140 2.1 64	<b>27</b> Sa	12:43 AM 07:16 AM 02:22 PM 07:10 PM	6.4 195 -1.4 -43 4.8 146 2.0 61	<b>12</b> Su	12:55 AM 07:43 AM 03:06 PM 07:41 PM	5.6 171 -0.6 -18 4.4 134 2.7 82	<b>27</b> M	01:08 AM 07:51 AM 03:10 PM 07:54 PM	6.6 201 -1.8 -55 5.0 152 2.3 70	<b>12</b> W	01:45 AM 08:31 AM 03:58 PM 08:50 PM	5.3 162 -0.4 -12 4.6 140 2.8 85	<b>27</b> Th	02:45 AM 09:10 AM 04:20 PM 09:53 PM	5.8 177 -0.7 -21 5.6 171 1.9 58
<b>13</b> Sa	01:32 AM 08:08 AM 03:15 PM 08:05 PM	5.6 171 -0.2 -6 4.4 134 2.4 73	<b>28</b> Su	01:28 AM 08:06 AM 03:19 PM 08:03 PM	6.3 192 -1.4 -43 4.7 143 2.3 70	<b>13</b> M	01:31 AM 08:21 AM 03:50 PM 08:26 PM	5.4 165 -0.5 -15 4.3 131 2.8 85	<b>28</b> Tu	02:01 AM 08:42 AM 04:03 PM 08:59 PM	6.3 192 -1.5 -46 5.1 155 2.4 73	<b>13</b> Th	02:27 AM 09:08 AM 04:35 PM 09:45 PM	5.0 152 -0.1 -3 4.7 143 2.7 82	<b>28</b> F	03:46 AM 09:59 AM 05:08 PM 11:06 PM	5.2 158 -0.1 -3 5.7 174 1.7 52
<b>14</b> Su	02:06 AM 08:49 AM 04:07 PM 08:51 PM	5.4 165 0.0 0 4.2 128 2.6 79	<b>29</b> M	02:17 AM 08:59 AM 04:20 PM 09:05 PM	6.2 189 -1.2 -37 4.7 143 2.5 76	<b>14</b> Tu	02:10 AM 09:01 AM 04:35 PM 09:19 PM	5.2 158 -0.3 -9 4.3 131 2.9 88	<b>29</b> W	02:58 AM 09:36 AM 04:57 PM 10:12 PM	5.8 177 -1.1 -34 5.2 158 2.2 67	<b>14</b> F	03:14 AM 09:48 AM 05:13 PM 10:47 PM	4.6 140 0.2 6 4.9 149 2.5 76	<b>29</b> Sa	04:54 AM 10:51 AM 05:56 PM	4.5 137 0.5 15 5.8 177
<b>15</b> M	02:45 AM 09:35 AM 05:05 PM 09:46 PM	5.2 158 0.1 3 4.1 125 2.9 88	<b>30</b> Tu	03:13 AM 09:57 AM 05:23 PM 10:20 PM	5.8 177 -0.9 -27 4.7 143 2.5 76	<b>15</b> W	02:54 AM 09:44 AM 05:22 PM 10:22 PM	4.9 149 0.0 0 4.3 131 2.9 88	<b>30</b> Th	04:01 AM 10:31 AM 05:50 PM 11:31 PM	5.2 158 -0.6 -18 5.3 162 2.0 61	<b>15</b> Sa	04:10 AM 10:31 AM 05:53 PM 11:52 PM	4.3 131 0.5 15 5.0 152 2.1 64	<b>30</b> Su	12:19 AM 06:14 AM 11:45 AM 06:44 PM	1.3 40 4.1 125 1.2 37 5.9 180
						<b>31</b> F	05:12 AM 11:27 AM 06:42 PM	4.7 143 0.0 0 5.5 168									

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.



**SAN FRANCISCO, California, 2013**

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

**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						
<b>1</b> M	01:28 AM 07:42 AM 12:43 PM 07:32 PM	1.0 30 3.8 116 1.7 52 5.9 180	<b>16</b> Tu	12:14 AM 06:23 AM 11:30 AM 06:30 PM	1.3 40 3.7 113 1.9 58 5.9 180	<b>1</b> Th	02:53 AM 09:57 AM 02:16 PM 08:28 PM	0.5 15 4.2 128 2.8 85 5.8 177	<b>16</b> F	01:55 AM 09:11 AM 01:34 PM 07:59 PM	0.1 3 4.3 131 2.8 85 6.4 195	<b>1</b> Su	03:44 AM 10:45 AM 03:41 PM 09:36 PM	0.5 15 4.7 143 2.5 76 5.7 174	<b>16</b> M	03:24 AM 10:24 AM 03:41 PM 09:56 PM	-0.1 -3 5.4 165 1.8 55 6.2 189
<b>2</b> Tu	02:30 AM 09:05 AM 01:41 PM 08:18 PM	0.6 18 3.9 119 2.2 67 5.9 180	<b>17</b> W	01:19 AM 07:59 AM 12:33 PM 07:22 PM	0.8 24 3.7 113 2.3 70 6.2 189	<b>2</b> F	03:41 AM 10:47 AM 03:11 PM 09:15 PM	0.3 9 4.4 134 2.8 85 5.9 180	<b>17</b> Sa	02:55 AM 10:09 AM 02:42 PM 09:01 PM	-0.2 -6 4.6 140 2.6 79 6.6 201	<b>2</b> M	04:21 AM 11:16 AM 04:21 PM 10:21 PM	0.5 15 4.9 149 2.3 70 5.8 177	<b>17</b> Tu	04:11 AM 11:03 AM 04:32 PM 10:52 PM	0.0 0 5.7 174 1.3 40 6.2 189
<b>3</b> W	03:23 AM 10:14 AM 02:37 PM 09:02 PM	0.2 6 4.0 122 2.5 76 6.0 183	<b>18</b> Th	02:20 AM 09:22 AM 01:40 PM 08:17 PM	0.2 6 3.9 119 2.5 76 6.5 198	<b>3</b> Sa	04:22 AM 11:28 AM 03:59 PM 09:59 PM	0.1 3 4.6 140 2.8 85 6.0 183	<b>18</b> Su	03:48 AM 10:56 AM 03:42 PM 10:00 PM	-0.5 -15 5.0 152 2.3 70 6.8 207	<b>3</b> Tu	04:54 AM 11:43 AM 04:58 PM 11:03 PM	0.4 12 5.1 155 2.0 61 5.8 177	<b>18</b> W	04:55 AM 11:40 AM 05:20 PM 11:45 PM	0.1 3 5.9 180 0.8 24 6.1 186
<b>4</b> Th	04:09 AM 11:10 AM 03:29 PM 09:43 PM	-0.1 -3 4.2 128 2.6 79 6.0 183	<b>19</b> F	03:16 AM 10:27 AM 02:45 PM 09:13 PM	-0.4 -12 4.3 131 2.6 79 6.8 207	<b>4</b> Su	04:58 AM 12:02 PM 04:41 PM 10:40 PM	0.0 0 4.7 143 2.7 82 6.0 183	<b>19</b> M	04:37 AM 11:38 AM 04:37 PM 10:55 PM	-0.7 -21 5.3 162 2.0 61 6.8 207	<b>4</b> W	05:24 AM 12:09 PM 05:34 PM 11:44 PM	0.5 15 5.3 162 1.7 52 5.7 174	<b>19</b> Th	05:36 AM 12:15 PM 06:05 PM	0.4 12 6.1 186 0.5 15
<b>5</b> F	04:49 AM 11:56 AM 04:16 PM 10:22 PM	-0.3 -9 4.4 134 2.7 82 6.0 183	<b>20</b> Sa	04:08 AM 11:20 AM 03:45 PM 10:07 PM	-0.9 -27 4.6 140 2.5 76 7.0 213	<b>5</b> M	05:30 AM 12:32 PM 05:20 PM 11:19 PM	0.0 0 4.8 146 2.5 76 6.0 183	<b>20</b> Tu	05:21 AM 12:17 PM 05:29 PM 11:48 PM	-0.7 -21 5.6 171 1.6 49 6.7 204	<b>5</b> Th	05:54 AM 12:36 PM 06:09 PM	0.6 18 5.4 165 1.4 43	<b>20</b> F	12:36 AM 06:16 AM 12:49 PM 06:50 PM	5.8 177 0.8 24 6.1 186 0.3 9
<b>6</b> Sa	05:24 AM 12:36 PM 04:59 PM 10:59 PM	-0.4 -12 4.5 137 2.8 85 6.0 183	<b>21</b> Su	04:56 AM 12:07 PM 04:42 PM 11:01 PM	-1.2 -37 5.0 152 2.3 70 7.1 216	<b>6</b> Tu	06:00 AM 01:00 PM 05:56 PM 11:57 PM	0.0 0 5.0 152 2.4 73 6.0 183	<b>21</b> W	06:04 AM 12:55 PM 06:19 PM	-0.5 -15 5.8 177 1.3 40	<b>6</b> F	12:26 AM 06:24 AM 01:04 PM 06:47 PM	5.6 171 0.8 24 5.6 171 1.1 34	<b>21</b> Sa	01:27 AM 06:56 AM 01:23 PM 07:34 PM	5.5 168 1.2 37 6.1 186 0.3 9
<b>7</b> Su	05:57 AM 01:10 PM 05:39 PM 11:35 PM	-0.5 -15 4.6 140 2.8 85 6.0 183	<b>22</b> M	05:43 AM 12:50 PM 05:37 PM 11:53 PM	-1.4 -43 5.3 162 2.1 64 7.0 213	<b>7</b> W	06:29 AM 01:27 PM 06:33 PM	0.0 0 5.1 155 2.2 67	<b>22</b> Th	12:39 AM 06:46 AM 01:33 PM 07:09 PM	6.4 195 -0.1 -3 6.0 183 1.1 34	<b>7</b> Sa	01:09 AM 06:56 AM 01:34 PM 07:27 PM	5.4 165 1.0 30 5.7 174 0.9 27	<b>22</b> Su	02:18 AM 07:37 AM 01:58 PM 08:20 PM	5.2 158 1.7 52 5.9 180 0.3 9
<b>8</b> M	06:28 AM 01:42 PM 06:18 PM	-0.5 -15 4.7 143 2.7 82	<b>23</b> Tu	06:28 AM 01:32 PM 06:32 PM	-1.3 -40 5.5 168 1.9 58	<b>8</b> Th	12:35 AM 06:59 AM 01:55 PM 07:11 PM	5.8 177 0.2 6 5.2 158 2.1 64	<b>23</b> F	01:31 AM 07:27 AM 02:10 PM 08:00 PM	6.0 183 3.9 9 6.0 183 1.0 30	<b>8</b> Su	01:56 AM 07:30 AM 02:08 PM 08:13 PM	5.2 158 1.4 43 5.9 180 0.7 21	<b>23</b> M	03:12 AM 08:20 AM 02:35 PM 09:09 PM	4.8 146 2.2 67 5.8 177 0.5 15
<b>9</b> Tu	12:12 AM 06:59 AM 01:10 PM 02:12 PM 06:56 PM	5.9 180 -0.4 -12 4.8 146 2.7 82	<b>24</b> W	12:46 AM 07:13 AM 02:13 PM 07:27 PM	6.7 204 -1.0 -30 5.7 174 1.7 52	<b>9</b> F	01:15 AM 07:29 AM 02:24 PM 07:52 PM	5.6 171 0.4 12 5.4 165 1.9 58	<b>24</b> Sa	02:24 AM 08:09 AM 02:48 PM 08:53 PM	5.5 168 0.9 27 6.0 183 0.9 27	<b>9</b> M	02:48 AM 08:09 AM 02:47 PM 09:04 PM	4.8 146 1.8 55 5.9 180 0.6 18	<b>24</b> Tu	04:12 AM 09:09 AM 03:16 PM 10:03 PM	4.5 137 2.6 79 5.5 168 0.6 18
<b>10</b> W	12:49 AM 07:29 AM 01:42 PM 02:42 PM 07:36 PM	5.7 174 -0.3 -9 4.9 149 2.6 79	<b>25</b> Th	01:38 AM 07:56 AM 02:55 PM 08:25 PM	6.3 192 -0.6 -18 5.8 177 1.6 49	<b>10</b> Sa	01:58 AM 08:02 AM 02:56 PM 08:38 PM	5.2 158 0.7 21 5.5 168 1.6 49	<b>25</b> Su	03:20 AM 08:53 AM 03:27 PM 09:49 PM	5.0 152 1.5 46 5.9 180 1.0 30	<b>10</b> Tu	03:49 AM 08:53 AM 03:32 PM 10:03 PM	4.5 137 2.2 67 5.9 180 0.5 15	<b>25</b> W	05:21 AM 10:08 AM 04:04 PM 11:04 PM	4.3 131 2.9 88 5.3 162 0.8 24
<b>11</b> Th	01:27 AM 08:01 AM 03:13 PM 08:20 PM	5.5 168 -0.1 -3 5.0 152 2.5 76	<b>26</b> F	02:33 AM 08:41 AM 03:37 PM 09:25 PM	5.7 174 0.0 0 5.9 180 1.5 46	<b>11</b> Su	02:47 AM 08:37 AM 03:31 PM 09:31 PM	4.9 149 1.1 34 5.7 174 1.4 43	<b>26</b> M	04:24 AM 09:41 AM 04:10 PM 10:52 PM	4.5 137 2.0 61 5.7 174 1.0 30	<b>11</b> W	05:03 AM 09:49 AM 04:25 PM 11:10 PM	4.3 131 2.6 79 5.9 180 0.4 12	<b>26</b> Th	06:36 AM 11:20 AM 05:01 PM	4.2 128 3.1 94 5.1 155
<b>12</b> F	02:09 AM 08:34 AM 03:46 PM 09:09 PM	5.2 158 0.1 3 5.1 155 2.3 70	<b>27</b> Sa	03:32 AM 09:26 AM 04:20 PM 10:30 PM	5.1 155 0.6 18 5.9 180 1.4 43	<b>12</b> M	03:44 AM 09:17 AM 04:12 PM 10:31 PM	4.5 137 1.6 49 5.8 177 1.2 37	<b>27</b> Tu	05:39 AM 10:37 AM 04:59 PM 11:59 PM	4.2 128 2.5 76 5.6 171 1.0 30	<b>12</b> Th	06:26 AM 11:01 AM 05:28 PM	4.2 128 2.8 85 5.9 180	<b>27</b> F	12:10 AM 07:45 AM 12:35 PM 06:06 PM	0.9 27 4.3 131 3.0 91 5.0 152
<b>13</b> Sa	02:55 AM 09:10 AM 04:21 PM 10:05 PM	4.8 146 0.5 15 5.3 162 2.1 64	<b>28</b> Su	04:38 AM 10:15 AM 05:05 PM 11:39 PM	4.5 137 1.3 40 5.9 180 1.2 37	<b>13</b> Tu	04:55 AM 10:05 AM 04:59 PM 11:39 PM	4.1 125 2.0 61 5.9 180 0.9 27	<b>28</b> W	07:05 AM 11:44 AM 05:54 PM	4.1 125 2.8 85 5.5 168	<b>13</b> F	12:22 AM 07:46 AM 12:23 PM 06:38 PM	0.3 9 4.4 134 2.9 88 5.9 180	<b>28</b> Sa	01:13 AM 08:38 AM 01:40 PM 07:13 PM	0.9 27 4.5 137 2.8 85 4.9 149
<b>14</b> Su	03:50 AM 09:50 AM 04:59 PM 11:08 PM	4.4 134 0.9 27 5.5 168 1.8 55	<b>29</b> M	05:56 AM 11:09 AM 05:53 PM	4.1 125 1.9 58 5.8 177	<b>14</b> W	06:23 AM 11:06 AM 05:54 PM	3.9 119 2.5 76 6.0 183	<b>29</b> Th	01:08 AM 08:25 AM 12:55 PM 06:53 PM	1.0 30 4.2 128 2.9 88 5.4 165	<b>14</b> Sa	01:30 AM 08:50 AM 01:40 PM 07:49 PM	0.1 3 4.7 143 2.7 82 6.0 183	<b>29</b> Su	02:08 AM 09:19 AM 02:34 PM 08:15 PM	0.9 27 4.7 143 2.5 76 5.0 152
<b>15</b> M	04:58 AM 10:36 AM 05:42 PM	4.0 122 1.4 43 5.7 174	<b>30</b> Tu	12:50 AM 07:26 AM 12:10 PM 06:44 PM	1.0 30 3.9 119 2.4 73 5.8 177	<b>15</b> Th	12:49 AM 07:56 AM 12:19 PM 06:56 PM	0.5 15 4.0 122 2.7 82 6.2 189	<b>30</b> F	02:09 AM 09:25 AM 02:00 PM 07:53 PM	0.8 24 4.4 134 2.9 88 5.5 168	<b>15</b> Su	02:31 AM 09:40 AM 02:45 PM 08:55 PM	0.0 0 5.0 152 2.2 67 6.1 186	<b>30</b> M	02:54 AM 09:52 AM 03:19 PM 09:11 PM	0.9 27 4.9 149 2.1 64 5.1 155
			<b>31</b> W	01:55 AM 08:51 AM 01:15 PM 07:37 PM	0.8 24 4.0 122 2.7 82 5.8 177				<b>31</b> Sa	03:01 AM 10:10 AM 02:54 PM 08:47 PM	0.7 21 4.6 140 2.8 85 5.6 171						

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.



**SAN FRANCISCO, California, 2013**

**Times and Heights of High and Low Waters**

October				November				December			
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
<b>1</b> Tu	03:33 AM 0.8 24 10:21 AM 5.1 155 03:58 PM 1.7 52 10:01 PM 5.2 158	<b>16</b> W	03:42 AM 0.7 21 10:26 AM 6.0 183 04:27 PM 0.5 15 10:53 PM 5.4 165	<b>1</b> F	03:57 AM 1.5 46 10:27 AM 6.0 183 04:47 PM 0.1 3 11:26 PM 4.9 149	<b>16</b> Sa	03:40 AM 2.0 61 10:00 AM 6.3 192 04:39 PM -0.6 -18 11:39 PM 4.9 149	<b>1</b> Su	03:01 AM 2.3 70 09:24 AM 6.6 201 04:07 PM -1.0 -30 11:12 PM 4.8 146	<b>16</b> M	04:04 AM 2.7 82 10:08 AM 6.2 189 05:01 PM -0.6 -18
<b>2</b> W	04:08 AM 0.9 27 10:49 AM 5.4 165 04:35 PM 1.3 40 10:48 PM 5.3 162	<b>17</b> Th	04:25 AM 1.0 30 11:02 AM 6.2 189 05:11 PM 0.1 3 11:47 PM 5.4 165	<b>2</b> Sa	04:35 AM 1.7 52 11:00 AM 6.2 189 05:26 PM -0.5 -15	<b>17</b> Su	04:22 AM 2.3 70 10:33 AM 6.2 189 05:16 PM -0.6 -18	<b>2</b> M	03:48 AM 2.4 73 10:07 AM 6.8 207 04:51 PM -1.4 -43	<b>17</b> Tu	12:16 AM 4.8 146 04:45 AM 2.8 85 10:42 AM 6.1 186 05:34 PM -0.6 -18
<b>3</b> Th	04:42 AM 1.0 30 11:17 AM 5.6 171 05:10 PM 0.9 27 11:34 PM 5.3 162	<b>18</b> F	05:07 AM 1.3 40 11:35 AM 6.2 189 05:52 PM -0.2 -6	<b>3</b> Su	12:16 AM 4.9 149 04:15 AM 2.0 61 11:15 AM 6.5 198 05:07 PM -0.8 -24	<b>18</b> M	12:25 AM 4.8 146 05:03 AM 2.5 76 11:05 AM 6.1 186 05:52 PM -0.6 -18	<b>3</b> Tu	12:02 AM 4.9 149 04:36 AM 2.5 76 10:52 AM 6.9 210 05:36 PM -1.6 -49	<b>18</b> W	12:54 AM 4.8 146 05:26 AM 2.9 88 11:17 AM 6.0 183 06:07 PM -0.5 -15
<b>4</b> F	05:14 AM 1.2 37 11:45 AM 5.8 177 05:47 PM 0.4 12	<b>19</b> Sa	12:37 AM 5.2 158 05:47 AM 1.6 49 12:08 PM 6.2 189 06:32 PM -0.3 -9	<b>4</b> M	12:07 AM 5.0 152 04:56 AM 2.2 67 11:15 AM 6.5 198 05:50 PM -1.1 -34	<b>19</b> Tu	01:10 AM 4.8 146 05:44 AM 2.7 82 11:39 AM 5.9 180 06:28 PM -0.5 -15	<b>4</b> W	12:51 AM 5.1 155 05:27 AM 2.5 76 11:40 AM 6.8 207 06:23 PM -1.5 -46	<b>19</b> Th	01:29 AM 4.8 146 06:06 AM 2.9 88 11:52 AM 5.8 177 06:40 PM -0.3 -9
<b>5</b> Sa	12:20 AM 5.3 162 05:48 AM 1.4 43 12:16 PM 6.0 183 06:25 PM 0.1 3	<b>20</b> Su	01:26 AM 5.1 155 06:27 AM 2.0 61 12:40 PM 6.1 186 07:11 PM -0.3 -9	<b>5</b> Tu	12:59 AM 4.9 149 05:41 AM 2.4 73 11:59 AM 6.5 198 06:38 PM -1.1 -34	<b>20</b> W	01:53 AM 4.7 143 06:27 AM 2.9 88 12:15 PM 5.7 174 07:05 PM -0.3 -9	<b>5</b> Th	01:41 AM 5.2 158 06:22 AM 2.6 79 12:31 PM 6.6 201 07:12 PM -1.3 -40	<b>20</b> F	02:03 AM 4.8 146 06:48 AM 2.9 88 12:30 PM 5.5 168 07:14 PM -0.1 -3
<b>6</b> Su	01:07 AM 5.2 158 06:24 AM 1.7 52 12:50 PM 6.1 186 07:07 PM -0.2 -6	<b>21</b> M	02:15 AM 4.9 149 07:08 AM 2.3 70 01:13 PM 5.9 180 07:51 PM -0.2 -6	<b>6</b> W	01:53 AM 4.9 149 06:32 AM 2.6 79 12:47 PM 6.4 195 07:28 PM -1.0 -30	<b>21</b> Th	02:36 AM 4.6 140 07:13 AM 3.0 91 12:54 PM 5.4 165 07:45 PM -0.1 -3	<b>6</b> F	02:31 AM 5.3 162 07:24 AM 2.5 76 01:27 PM 6.2 189 08:03 PM -0.9 -27	<b>21</b> Sa	02:37 AM 4.9 149 07:34 AM 2.9 88 01:10 PM 5.2 158 07:49 PM 0.1 3
<b>7</b> M	01:58 AM 5.0 152 07:03 AM 2.0 61 01:28 PM 6.2 189 07:53 PM -0.3 -9	<b>22</b> Tu	03:05 AM 4.7 143 07:51 AM 2.7 82 01:49 PM 5.7 174 08:34 PM 0.0 0	<b>7</b> Th	02:51 AM 4.9 149 07:31 AM 2.7 82 01:41 PM 6.1 186 08:24 PM -0.8 -24	<b>22</b> F	03:20 AM 4.6 140 08:07 AM 3.1 94 01:37 PM 5.1 155 08:27 PM 0.2 6	<b>7</b> Sa	03:23 AM 5.4 165 08:34 AM 2.4 73 02:28 PM 5.6 171 08:57 PM -0.4 -12	<b>22</b> Su	03:12 AM 4.9 149 08:26 AM 2.8 85 01:56 PM 4.8 146 08:27 PM 0.5 15
<b>8</b> Tu	02:54 AM 4.8 146 07:47 AM 2.3 70 02:11 PM 6.1 186 08:44 PM -0.3 -9	<b>23</b> W	03:58 AM 4.5 137 08:40 AM 2.9 88 02:29 PM 5.4 165 09:20 PM 0.2 6	<b>8</b> F	03:51 AM 5.0 152 08:43 AM 2.8 85 02:42 PM 5.7 174 09:23 PM -0.4 -12	<b>23</b> Sa	04:05 AM 4.6 140 09:10 AM 3.1 94 02:28 PM 4.7 143 09:14 PM 0.5 15	<b>8</b> Su	04:15 AM 5.5 168 09:51 AM 2.2 67 03:38 PM 5.0 152 09:53 PM 0.2 6	<b>23</b> M	03:49 AM 5.0 152 09:26 AM 2.7 82 02:49 PM 4.4 134 09:08 PM 0.9 27
<b>9</b> W	03:56 AM 4.6 140 08:39 AM 2.6 79 03:01 PM 6.0 183 09:42 PM -0.3 -9	<b>24</b> Th	04:55 AM 4.4 134 09:39 AM 3.1 94 03:16 PM 5.1 155 10:12 PM 0.5 15	<b>9</b> Sa	04:51 AM 5.1 155 10:05 AM 2.6 79 03:53 PM 5.3 162 10:25 PM 0.0 0	<b>24</b> Su	04:50 AM 4.7 143 10:20 AM 2.9 88 03:26 PM 4.4 134 10:03 PM 0.8 24	<b>9</b> M	05:08 AM 5.7 174 11:11 AM 1.8 55 04:58 PM 4.5 137 10:51 PM 0.7 21	<b>24</b> Tu	04:28 AM 5.2 158 10:31 AM 2.4 73 03:54 PM 4.0 122 09:53 PM 1.3 40
<b>10</b> Th	05:05 AM 4.6 140 09:45 AM 2.8 85 04:00 PM 5.8 177 10:47 PM -0.1 -3	<b>25</b> F	05:55 AM 4.4 134 10:50 AM 3.1 94 04:11 PM 4.8 146 11:09 PM 0.7 21	<b>10</b> Su	05:49 AM 5.3 162 11:28 AM 2.2 67 05:12 PM 4.9 149 11:28 PM 0.3 9	<b>25</b> M	05:32 AM 4.9 149 11:28 AM 2.6 79 04:36 PM 4.1 125 10:55 PM 1.1 34	<b>10</b> Tu	05:59 AM 5.9 180 12:24 PM 1.3 40 06:24 PM 4.2 128 11:50 PM 1.3 40	<b>25</b> W	05:08 AM 5.4 165 11:36 AM 1.9 58 05:15 PM 3.7 113 10:45 PM 1.7 52
<b>11</b> F	06:16 AM 4.6 140 11:06 AM 2.9 88 05:09 PM 5.6 171 11:55 PM 0 0	<b>26</b> Sa	06:51 AM 4.5 137 12:05 PM 3.0 91 05:15 PM 4.6 140	<b>11</b> M	06:41 AM 5.6 171 12:40 PM 1.7 52 06:33 PM 4.7 143	<b>26</b> Tu	06:13 AM 5.1 155 12:27 PM 2.1 64 05:54 PM 3.9 119 11:48 PM 1.4 43	<b>11</b> W	06:47 AM 6.1 186 01:27 PM 0.7 21 07:47 PM 4.2 128	<b>26</b> Th	05:51 AM 5.6 171 12:35 PM 1.3 40 06:47 PM 3.7 113 11:43 PM 2.1 64
<b>12</b> Sa	07:23 AM 4.8 146 12:31 PM 2.7 82 06:25 PM 5.4 165	<b>27</b> Su	12:08 AM 0.9 27 07:39 AM 4.7 143 01:11 PM 2.7 82 06:26 PM 4.4 134	<b>12</b> Tu	12:27 AM 0.7 21 07:28 AM 5.9 180 01:41 PM 1.0 30 07:49 PM 4.7 143	<b>27</b> W	06:51 AM 5.4 165 01:17 PM 1.5 46 07:13 PM 3.9 119	<b>12</b> Th	12:48 AM 1.7 52 07:33 AM 6.2 189 02:22 PM 0.2 6 08:59 PM 4.3 131	<b>27</b> F	06:36 AM 5.9 180 01:28 PM 0.6 18 08:11 PM 3.8 116
<b>13</b> Su	01:01 AM 0.2 6 08:19 AM 5.1 155 01:44 PM 2.2 67 07:41 PM 5.4 165	<b>28</b> M	01:03 AM 1.0 30 08:18 AM 4.9 149 02:06 PM 2.3 70 07:36 PM 4.4 134	<b>13</b> W	01:21 AM 1.1 34 08:11 AM 6.1 186 02:33 PM 0.5 15 08:57 PM 4.7 143	<b>28</b> Th	12:38 AM 1.7 52 07:28 AM 5.7 174 02:02 PM 0.8 24 08:24 PM 4.1 125	<b>13</b> F	01:43 AM 2.1 64 08:15 AM 6.3 192 03:08 PM -0.2 -6 09:59 PM 4.5 137	<b>28</b> Sa	12:42 AM 2.4 73 07:23 AM 6.2 189 02:17 PM 0.0 0 09:18 PM 4.2 128
<b>14</b> M	02:01 AM 0.3 9 09:06 AM 5.5 168 02:46 PM 1.6 49 08:52 PM 5.4 165	<b>29</b> Tu	01:53 AM 1.1 34 08:52 AM 5.1 155 02:52 PM 1.8 55 08:42 PM 4.5 137	<b>14</b> Th	02:11 AM 1.4 43 08:50 AM 6.2 189 03:19 PM 0.0 0 09:57 PM 4.8 146	<b>29</b> F	01:27 AM 1.9 58 08:05 AM 6.0 183 02:44 PM 0.2 6 09:26 PM 4.3 131	<b>14</b> Sa	02:33 AM 2.4 73 08:55 AM 6.3 192 03:50 PM -0.4 -12 10:50 PM 4.7 143	<b>29</b> Su	01:41 AM 2.6 79 08:11 AM 6.6 201 03:04 PM -0.7 -21 10:13 PM 4.5 137
<b>15</b> Tu	02:54 AM 0.4 12 09:48 AM 5.8 177 03:39 PM 1.0 30 09:55 PM 5.4 165	<b>30</b> W	02:37 AM 1.2 37 09:24 AM 5.4 165 03:32 PM 1.2 37 09:41 PM 4.6 140	<b>15</b> F	02:57 AM 1.7 52 09:26 AM 6.3 192 04:01 PM -0.4 -12 10:50 PM 4.9 149	<b>30</b> Sa	02:14 AM 2.1 64 08:44 AM 6.3 192 03:25 PM -0.5 -15 10:21 PM 4.6 140	<b>15</b> Su	03:20 AM 2.6 79 09:32 AM 6.3 192 04:27 PM -0.6 -18 11:36 PM 4.8 146	<b>30</b> M	02:36 AM 2.6 79 08:59 AM 6.9 210 03:50 PM -1.1 -34 11:02 PM 4.8 146
		<b>31</b> Th	03:18 AM 1.4 43 09:55 AM 5.7 174 04:10 PM 0.6 18 10:35 PM 4.7 143							<b>31</b> Tu	03:30 AM 2.6 79 09:48 AM 7.1 216 04:36 PM -1.5 -46 11:48 PM 5.1 155

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.