



## NOAA Tide Predictions

### Metompkin Inlet, Virginia, 2017

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.







Metompkin Inlet, Virginia, 2017

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	
h	m	ft	cm	h	m	ft	cm	h	m	ft	cm	h	m	ft	cm
1	02:57 AM	3.5	107	16	02:05 AM	3.9	119	1	04:06 AM	3.0	91	16	03:41 AM	3.5	107
Sa	09:08 AM	0.2	6	Su	08:14 AM	0.3	9	Tu	10:02 AM	0.7	21	W	09:39 AM	0.2	6
●	03:39 PM	3.5	107	●	02:43 PM	3.9	119	●	04:49 PM	3.7	113	●	04:25 PM	4.5	137
●	09:41 PM	0.6	18	●	08:46 PM	0.6	18	●	10:59 PM	1.1	34	●	10:37 PM	0.5	15
2	03:54 AM	3.2	98	17	03:01 AM	3.7	113	2	05:02 AM	3.0	91	17	04:46 AM	3.5	107
Su	09:57 AM	0.3	9	M	09:06 AM	0.2	6	W	10:52 AM	0.7	21	Th	10:41 AM	0.1	3
●	04:37 PM	3.6	110	●	03:43 PM	4.1	125	●	05:42 PM	3.8	116	●	05:29 PM	4.6	140
●	10:41 PM	0.7	21	●	09:48 PM	0.5	15	●	11:54 PM	1.0	30	●	11:42 PM	0.4	12
3	04:49 AM	3.1	94	18	04:02 AM	3.6	110	3	05:55 AM	3.0	91	18	05:50 AM	3.5	107
M	10:45 AM	0.4	12	Tu	10:01 AM	0.0	0	Th	11:42 AM	0.7	21	F	11:43 AM	-0.1	-3
●	05:30 PM	3.7	113	●	04:45 PM	4.4	134	●	06:30 PM	4.0	122	●	06:29 PM	4.8	146
●	11:39 PM	0.8	24	●	10:52 PM	0.4	12	●	07:15 PM	4.2	128	●	07:25 PM	4.9	149
4	05:41 AM	3.0	91	19	05:04 AM	3.5	107	4	12:43 AM	0.9	27	19	12:43 AM	0.1	3
Tu	11:32 AM	0.4	12	W	10:59 AM	-0.1	-3	F	06:43 AM	3.1	94	Sa	06:49 AM	3.7	113
●	06:18 PM	3.9	119	●	05:45 PM	4.7	143	●	07:15 PM	4.2	128	●	07:25 PM	4.9	149
5	12:31 AM	0.7	21	20	06:04 AM	3.6	110	5	01:27 AM	0.8	24	20	01:38 AM	-0.1	-3
W	06:29 AM	3.0	91	Th	11:58 AM	-0.4	-12	Sa	07:29 AM	3.3	101	Su	07:45 AM	3.9	119
●	12:17 PM	0.4	12	●	06:43 PM	4.9	149	●	01:16 PM	0.4	12	●	01:39 PM	-0.5	-15
●	07:01 PM	4.0	122	●	07:57 AM	0.6	18	●	07:58 PM	4.4	134	●	08:18 PM	5.0	152
6	01:17 AM	0.6	18	21	12:57 AM	-0.1	-3	6	02:07 AM	0.6	18	21	02:28 AM	-0.3	-9
Th	07:14 AM	3.1	94	F	07:03 AM	3.7	113	Su	08:12 AM	3.5	107	M	08:37 AM	4.0	122
●	01:01 PM	0.3	9	●	12:56 PM	-0.6	-18	●	01:59 PM	0.3	9	●	02:32 PM	-0.6	-18
●	07:43 PM	4.2	128	●	07:39 PM	5.1	155	●	08:40 PM	4.5	137	●	09:08 PM	5.0	152
7	01:58 AM	0.5	15	22	01:54 AM	-0.4	-12	7	02:45 AM	0.4	12	22	03:15 AM	-0.4	-12
F	07:57 AM	3.2	98	Sa	07:59 AM	3.8	116	M	08:55 AM	3.6	110	Tu	09:27 AM	-0.2	-6
●	01:44 PM	0.3	9	●	01:52 PM	-0.8	-24	●	02:41 PM	0.2	6	●	03:22 PM	-0.6	-18
●	08:25 PM	4.3	131	●	08:33 PM	5.2	158	●	09:21 PM	4.6	140	●	09:55 PM	4.8	146
8	02:37 AM	0.4	12	23	02:47 AM	-0.5	-15	8	03:24 AM	0.3	9	23	03:59 AM	-0.4	-12
Sa	08:40 AM	3.3	101	Su	08:54 AM	3.9	119	Tu	09:38 AM	3.8	116	W	10:16 AM	-0.4	-12
●	02:25 PM	0.2	6	●	02:46 PM	-0.9	-27	●	03:23 PM	0.1	3	●	04:10 PM	-0.5	-15
●	09:06 PM	4.4	134	●	09:26 PM	5.2	158	●	10:02 PM	4.7	143	●	10:41 PM	4.6	140
9	03:15 AM	0.4	12	24	03:37 AM	-0.6	-18	9	04:02 AM	0.2	6	24	04:42 AM	-0.3	-9
Su	09:23 AM	3.4	104	M	09:47 AM	3.9	119	W	10:20 AM	3.9	119	Th	11:02 AM	4.2	128
○	03:05 PM	0.2	6	●	03:38 PM	-0.8	-24	●	04:06 PM	0.1	3	●	04:58 PM	-0.2	-6
●	09:47 PM	4.5	137	●	10:17 PM	5.1	155	●	10:42 PM	4.6	140	●	11:25 PM	4.3	131
10	03:53 AM	0.3	9	25	04:26 AM	-0.6	-18	10	04:42 AM	0.2	6	25	05:25 AM	-0.1	-3
M	10:05 AM	3.4	104	Tu	10:39 AM	4.0	122	Th	11:03 AM	4.0	122	F	11:48 AM	4.2	128
●	03:46 PM	0.2	6	●	04:30 PM	-0.7	-21	●	04:51 PM	0.2	6	●	05:47 PM	0.1	3
●	10:28 PM	4.5	137	●	11:06 PM	4.8	146	●	11:23 PM	4.5	137	●	05:47 PM	0.1	3
11	04:32 AM	0.3	9	26	05:14 AM	-0.5	-15	11	05:23 AM	0.2	6	26	12:08 AM	4.0	122
Tu	10:47 AM	3.5	107	W	11:29 AM	3.9	119	F	11:46 AM	4.1	125	Sa	06:08 AM	0.2	6
●	04:27 PM	0.3	9	●	05:22 PM	-0.4	-12	●	05:39 PM	0.3	9	●	12:33 PM	4.1	125
●	11:08 PM	4.5	137	●	11:54 PM	4.5	137	●	06:37 PM	0.5	15	●	06:37 PM	0.5	15
12	05:12 AM	0.3	9	27	06:01 AM	-0.3	-9	12	12:06 AM	4.4	134	27	12:52 AM	3.7	113
W	11:29 AM	3.5	107	Th	12:19 PM	3.9	119	Sa	06:07 AM	0.2	6	Su	06:52 AM	0.5	15
●	05:11 PM	0.4	12	●	06:15 PM	-0.1	-3	●	12:33 PM	4.2	128	●	01:20 PM	3.9	119
●	11:48 PM	4.4	134	●	06:31 PM	0.4	12	●	06:31 PM	0.4	12	●	07:29 PM	0.8	24
13	05:54 AM	0.3	9	28	12:40 AM	4.1	125	13	12:51 AM	4.1	125	28	01:39 AM	3.4	104
Th	12:12 PM	3.6	110	F	06:49 AM	0.0	0	Su	06:55 AM	0.2	6	M	07:39 AM	0.7	21
●	05:58 PM	0.5	15	●	01:09 PM	3.8	116	●	01:23 PM	4.2	128	●	02:11 PM	3.8	116
●	07:10 PM	0.3	9	●	07:10 PM	0.3	9	●	07:27 PM	0.5	15	●	08:23 PM	1.0	30
14	12:30 AM	4.2	128	29	01:28 AM	3.8	116	14	01:42 AM	3.9	119	29	02:29 AM	3.2	98
F	06:38 AM	0.3	9	Sa	07:37 AM	0.2	6	M	07:46 AM	0.3	9	Tu	08:27 AM	0.9	27
●	12:58 PM	3.7	113	●	02:01 PM	3.7	113	●	07:19 PM	4.3	131	●	03:06 PM	3.7	113
●	06:50 PM	0.6	18	●	08:06 PM	0.6	18	●	08:28 PM	0.6	18	●	09:19 PM	1.2	37
15	01:15 AM	4.1	125	30	02:17 AM	3.4	104	15	02:38 AM	3.6	110	30	03:25 AM	3.0	91
Sa	07:24 AM	0.3	9	Su	08:24 AM	0.4	12	Tu	08:41 AM	0.2	6	W	09:19 AM	1.0	30
●	01:48 PM	3.8	116	●	02:55 PM	3.6	110	●	03:20 PM	4.4	134	●	04:05 PM	3.7	113
●	07:46 PM	0.6	18	●	09:03 PM	0.8	24	●	09:32 PM	0.6	18	●	10:16 PM	1.3	40
31	03:10 AM	3.2	98	M	09:12 AM	0.6	18	31	04:24 AM	3.0	91	Th	10:12 AM	1.0	30
●	03:52 PM	3.6	110	●	10:01 PM	1.0	30	●	05:03 PM	3.8	116	●	11:12 PM	1.3	40
●	10:01 PM	1.0	30	●	09:32 PM	0.6	18	●	11:12 PM	1.3	40	●	11:12 PM	1.3	40



Metompkin Inlet, Virginia, 2017

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> Su	05:38 AM 11:23 AM 06:06 PM	3.4 1.0 4.2	104 30 128	<b>16</b> M	12:08 AM 06:29 AM 12:23 PM 06:53 PM	0.3 3.9 0.2 4.3	9 119 6 131	<b>1</b> W	12:12 AM 06:41 AM 12:37 PM 07:01 PM	0.4 4.2 0.4 4.3	12 128 12 131	<b>16</b> Th	12:11 AM 06:42 AM 12:49 PM 06:56 PM	0.0 4.2 0.1 3.6	0 128 3 110	<b>1</b> F	06:00 AM 12:05 PM 06:19 PM	4.6 -0.2 4.0	140 -6 122	<b>16</b> Sa	12:21 AM 06:58 AM 01:12 PM 07:10 PM	-0.1 4.0 0.1 3.1	-3 122 3 94
<b>2</b> M	12:08 AM 06:27 AM 12:16 PM 06:52 PM	1.0 3.8 0.7 4.4	30 116 21 134	<b>17</b> Tu	12:57 AM 07:18 AM 01:17 PM 07:39 PM	0.1 4.1 0.1 4.2	3 125 3 128	<b>2</b> Th	12:58 AM 07:28 AM 01:28 PM 07:48 PM	0.1 4.6 0.0 4.4	3 140 0 134	<b>17</b> F	12:50 AM 07:21 AM 01:31 PM 07:37 PM	-0.1 4.3 0.1 3.6	-3 131 3 110	<b>2</b> Sa	12:13 AM 06:51 AM 12:59 PM 07:10 PM	-0.6 5.0 -0.5 4.0	-18 152 -15 122	<b>17</b> Su	01:00 AM 07:38 AM 01:50 PM 07:51 PM	-0.1 4.1 0.1 3.1	-3 125 3 94
<b>3</b> Tu	12:52 AM 07:13 AM 01:05 PM 07:36 PM	0.7 4.1 0.4 4.6	21 125 12 140	<b>18</b> W	01:41 AM 08:02 AM 02:05 PM 08:22 PM	0.0 4.3 0.0 4.2	0 131 0 128	<b>3</b> F	01:44 AM 08:15 AM 02:18 PM 08:36 PM	-0.2 5.0 -0.3 4.4	-6 152 -9 134	<b>18</b> Sa	01:28 AM 08:01 AM 02:10 PM 08:17 PM	-0.1 4.4 0.1 3.5	-3 134 3 107	<b>3</b> Su	01:03 AM 07:41 AM 01:52 PM 08:02 PM	-0.8 5.2 -0.7 4.0	-24 158 -21 122	<b>18</b> M	01:38 AM 08:18 AM 02:27 PM 08:32 PM	-0.2 4.2 0.1 3.2	-6 128 3 98
<b>4</b> W	01:35 AM 07:57 AM 01:53 PM 08:20 PM	0.4 4.4 0.1 4.7	12 134 3 143	<b>19</b> Th	02:20 AM 08:44 AM 02:49 PM 09:04 PM	-0.1 4.5 -0.1 4.1	-3 137 -3 125	<b>4</b> Sa	02:29 AM 09:02 AM 03:08 PM 09:24 PM	-0.4 5.2 -0.4 4.4	-12 158 -12 134	<b>19</b> Su	02:05 AM 08:40 AM 02:49 PM 08:57 PM	0.0 4.4 0.1 3.4	0 134 3 104	<b>4</b> M	01:53 AM 08:33 AM 02:44 PM 08:54 PM	-1.0 5.4 -0.8 3.9	-30 165 -24 119	<b>19</b> Tu	02:17 AM 08:58 AM 03:05 PM 09:13 PM	-0.1 4.2 0.1 3.1	-3 128 3 94
<b>5</b> Th	02:17 AM 08:41 AM 02:39 PM 09:04 PM	0.1 4.7 -0.1 4.7	3 143 -3 143	<b>20</b> F	02:58 AM 09:25 AM 03:30 PM 09:44 PM	0.0 4.5 0.0 4.0	0 137 0 122	<b>5</b> Su	02:15 AM 08:51 AM 02:59 PM 09:14 PM	-0.6 5.4 -0.5 4.3	-18 165 -15 131	<b>20</b> M	02:42 AM 09:20 AM 03:28 PM 09:38 PM	0.1 4.4 0.3 3.4	-3 134 9 104	<b>5</b> Tu	02:44 AM 09:25 AM 03:36 PM 09:47 PM	-1.0 5.3 -0.8 3.8	-30 162 -18 116	<b>20</b> W	02:55 AM 09:38 AM 03:43 PM 09:54 PM	-0.1 4.2 0.2 3.1	-3 128 6 94
<b>6</b> F	02:59 AM 09:27 AM 03:26 PM 09:49 PM	-0.1 5.0 -0.2 4.6	-3 152 -6 140	<b>21</b> Sa	03:35 AM 10:05 AM 04:11 PM 10:25 PM	0.1 4.6 0.1 3.8	3 140 3 116	<b>6</b> M	03:03 AM 09:42 AM 03:51 PM 10:04 PM	-0.6 5.4 -0.4 4.1	-18 165 -12 125	<b>21</b> Tu	03:20 AM 10:01 AM 04:08 PM 10:19 PM	0.2 4.3 0.4 3.3	6 131 12 101	<b>6</b> W	03:36 AM 10:18 AM 04:31 PM 10:41 PM	-0.9 5.2 -0.6 3.7	-27 158 -18 113	<b>21</b> Th	03:35 AM 10:18 AM 04:23 PM 10:36 PM	0.1 4.1 0.3 3.1	3 125 9 94
<b>7</b> Sa	03:41 AM 10:13 AM 04:15 PM 10:35 PM	-0.2 5.1 -0.2 4.5	-6 155 -6 137	<b>22</b> Su	04:12 AM 10:46 AM 04:52 PM 11:05 PM	0.2 4.5 0.3 3.6	6 137 9 110	<b>7</b> Tu	03:53 AM 10:34 AM 04:46 PM 10:57 PM	-0.5 5.3 -0.3 3.9	-15 162 -9 119	<b>22</b> W	04:00 AM 10:43 AM 04:51 PM 11:02 PM	0.4 4.2 0.6 3.2	12 128 18 98	<b>7</b> Th	04:31 AM 11:12 AM 05:27 PM 11:37 PM	-0.7 4.9 -0.5 3.5	-21 149 -15 107	<b>22</b> F	04:16 AM 10:58 AM 05:05 PM 11:18 PM	0.2 4.0 0.4 3.1	6 122 12 94
<b>8</b> Su	04:26 AM 11:01 AM 05:06 PM 11:23 PM	-0.2 5.2 -0.1 4.3	-6 158 -3 131	<b>23</b> M	04:50 AM 11:27 AM 05:35 PM 11:47 PM	0.4 4.4 0.6 3.5	12 134 18 107	<b>8</b> W	04:47 AM 11:28 AM 05:45 PM 11:53 PM	-0.3 5.0 -0.1 3.6	-9 152 -3 110	<b>23</b> Th	04:43 AM 11:25 AM 05:36 PM 11:46 PM	0.6 4.1 0.8 3.1	18 125 24 94	<b>8</b> F	05:30 AM 12:07 PM 06:25 PM	-0.4 4.5 -0.3	-12 137 -9	<b>23</b> Sa	05:00 AM 11:39 AM 05:48 PM	0.4 3.9 0.4	12 119 12
<b>9</b> M	05:14 AM 11:51 AM 06:00 PM	-0.1 5.1 0.1	-3 155 3	<b>24</b> Tu	05:31 AM 12:10 PM 06:20 PM	0.7 4.2 0.8	21 128 24	<b>9</b> Th	05:46 AM 12:25 PM 06:46 PM	0.0 4.7 0.1	0 143 3	<b>24</b> F	05:29 AM 12:10 PM 06:23 PM	0.8 3.9 0.9	24 119 27	<b>9</b> Sa	12:36 AM 06:31 AM 01:04 PM 07:23 PM	3.4 -0.2 4.1 -0.2	104 -6 125 -6	<b>24</b> Su	12:03 AM 05:49 AM 12:23 PM 06:34 PM	3.1 0.5 3.7 0.4	94 15 113 12
<b>10</b> Tu	12:13 AM 06:06 AM 12:44 PM 06:59 PM	4.0 0.0 5.0 0.3	122 0 152 9	<b>25</b> W	12:30 AM 06:15 AM 12:55 PM 07:08 PM	3.3 0.9 4.1 1.1	101 27 125 34	<b>10</b> F	12:54 AM 06:49 AM 01:27 PM 07:48 PM	3.5 0.2 4.4 0.2	107 6 134 6	<b>25</b> Sa	12:34 AM 06:20 AM 12:58 PM 07:12 PM	3.0 0.9 3.8 0.9	91 27 116 27	<b>10</b> Su	01:39 AM 07:36 AM 02:04 PM 08:20 PM	3.3 0.1 3.8 -0.1	101 3 116 -3	<b>25</b> M	12:51 AM 06:42 AM 01:11 PM 07:22 PM	3.1 0.6 3.6 0.3	94 18 110 9
<b>11</b> W	01:08 AM 07:03 AM 01:42 PM 08:01 PM	3.8 0.2 4.8 0.5	116 6 146 15	<b>26</b> Th	01:17 AM 07:04 AM 01:44 PM 07:59 PM	3.2 1.1 3.9 1.2	98 34 119 37	<b>11</b> Sa	02:01 AM 07:55 AM 02:32 PM 08:50 PM	3.4 0.3 4.1 0.3	104 9 125 9	<b>26</b> Su	01:27 AM 07:15 AM 01:50 PM 08:02 PM	3.1 1.0 3.7 0.8	94 30 113 24	<b>11</b> M	02:46 AM 08:41 AM 03:07 PM 09:15 PM	3.3 0.3 3.5 0.0	101 9 107 0	<b>26</b> Tu	01:45 AM 07:40 AM 02:04 PM 08:11 PM	3.2 0.6 3.5 0.2	98 18 107 6
<b>12</b> Th	02:08 AM 08:05 AM 02:45 PM 09:06 PM	3.5 0.4 4.5 4.5	107 12 137 15	<b>27</b> F	02:09 AM 07:57 AM 02:37 PM 08:52 PM	3.1 1.2 3.8 1.3	94 37 116 40	<b>12</b> Su	03:12 AM 09:02 AM 03:38 PM 09:48 PM	3.4 0.4 3.9 0.2	104 12 119 6	<b>27</b> M	02:24 AM 08:13 AM 02:45 PM 08:52 PM	3.2 0.9 3.7 0.6	98 27 113 18	<b>12</b> Tu	03:51 AM 09:47 AM 04:06 PM 10:07 PM	3.4 0.3 3.3 0.0	104 9 101 0	<b>27</b> W	02:43 AM 08:40 AM 03:01 PM 09:04 PM	3.5 0.5 3.4 0.0	107 15 104 104
<b>13</b> F	03:15 AM 09:10 AM 03:53 PM 10:11 PM	3.4 0.5 4.4 0.5	104 15 134 15	<b>28</b> Sa	03:06 AM 08:53 AM 03:34 PM 09:44 PM	3.1 1.2 3.8 1.2	94 37 116 37	<b>13</b> M	04:17 AM 10:08 AM 04:38 PM 10:41 PM	3.6 0.4 3.8 0.1	110 12 116 3	<b>28</b> Tu	03:22 AM 09:12 AM 03:41 PM 09:42 PM	3.5 0.8 3.7 0.4	107 24 113 12	<b>13</b> W	04:48 AM 10:49 AM 04:59 PM 10:56 PM	3.6 0.3 3.2 0.0	110 9 98 0	<b>28</b> Th	03:42 AM 09:42 AM 04:00 PM 09:58 PM	3.8 0.3 3.4 -0.2	116 9 104 -6
<b>14</b> Sa	04:26 AM 10:17 AM 05:00 PM 11:12 PM	3.5 0.4 4.3 0.4	107 12 131 12	<b>29</b> Su	04:05 AM 09:50 AM 04:31 PM 10:35 PM	3.2 1.2 3.9 1.0	98 37 119 30	<b>14</b> Tu	05:13 AM 11:09 AM 05:29 PM 11:29 PM	3.8 0.3 3.7 0.1	116 9 113 3	<b>29</b> W	04:17 AM 10:11 AM 04:35 PM 10:33 PM	3.8 0.5 3.8 0.1	116 15 116 3	<b>14</b> Th	05:36 AM 11:44 AM 05:46 PM 11:40 PM	3.7 0.3 3.1 0.0	113 9 94 0	<b>29</b> F	04:40 AM 10:44 AM 04:58 PM 10:53 PM	4.1 0.0 3.5 -0.5	125 0 107 -15
<b>15</b> Su	05:32 AM 11:22 AM 06:01 PM	3.6 0.3 4.3	110 9 131	<b>30</b> M	05:01 AM 10:47 AM 05:24 PM 11:24 PM	3.5 1.0 4.0 0.8	107 30 122 24	<b>15</b> W	06:00 AM 12:03 PM 06:14 PM	4.0 0.2 3.7	122 6 113	<b>30</b> Th	05:09 AM 11:09 AM 05:28 PM 11:23 PM	4.2 0.2 3.9 -0.3	128 6 119 -9	<b>15</b> F	06:18 AM 12:31 PM 06:29 PM	3.9 0.2 3.1	119 6 94	<b>30</b> Sa	05:36 AM 11:44 AM 05:53 PM 11:48 PM	4.5 -0.3 3.6 -0.9	137 -9 110 -27
				<b>31</b> Tu	05:53 AM 11:43 AM 06:14 PM	3.8 0.7 4.2	116 21 128													<b>31</b> Su	06:30 AM 12:41 PM 06:48 PM	4.8 -0.6 3.6	146 -18 110