



## NOAA Tide Predictions

### GRAVELING POINT, NJ,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.



**GRAVELING POINT, NJ, 2021**

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

January				February				March			
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height
h m	ft	h m	ft	h m	ft	h m	ft	h m	ft	h m	ft
<b>1</b> 04:05 AM -0.1 -3	09:34 AM 3.5 107	<b>16</b> 05:03 AM -0.1 -3	11:44 AM 3.5 107	<b>1</b> 05:20 AM -0.3 -9	11:41 AM 3.0 91	<b>16</b> 05:59 AM 0.2 6	11:41 AM 3.0 91	<b>1</b> 04:20 AM -0.5 -15	09:46 AM 3.7 113	<b>16</b> 05:53 AM 0.0 0	11:24 AM 3.2 98
F 04:55 PM -0.2 -6	10:16 PM 2.8 85	Sa 05:37 PM -0.3 -9	11:17 PM 2.9 88	M 05:53 PM -0.4 -12	11:34 PM 3.2 98	Tu 06:11 PM 0.1 3		M 04:47 PM -0.5 -15	10:19 PM 3.7 113	Tu 05:59 PM 0.0 0	11:41 PM 3.3 101
<b>2</b> 04:47 AM 0.0 0	11:07 AM 3.4 104	<b>17</b> 05:47 AM 0.1 3	11:32 AM 3.3 101	<b>2</b> 06:09 AM -0.1 -3	11:44 AM 3.3 101	<b>17</b> 12:05 AM 3.0 91	06:40 AM 0.4 12	<b>2</b> 05:07 AM -0.4 -12	10:35 AM 3.6 110	<b>17</b> 06:30 AM 0.2 6	12:05 PM 3.0 91
Sa 05:35 PM -0.2 -6	11:05 PM 2.8 85	Su 06:17 PM -0.1 -3		Tu 06:37 PM -0.3 -9		W 12:24 PM 2.8 85	06:45 PM 0.3 9	Tu 05:28 PM -0.4 -12	11:10 PM 3.7 113	W 06:29 PM 0.2 6	
<b>3</b> 05:30 AM 0.0 0	11:07 AM 3.4 104	<b>18</b> 12:06 AM 2.9 88	06:32 AM 0.3 9	<b>3</b> 12:27 AM 3.3 101	07:05 AM 0.0 0	<b>18</b> 12:47 AM 2.9 88	07:29 AM 0.6 18	<b>3</b> 05:57 AM -0.3 -9	11:29 AM 3.4 104	<b>18</b> 12:17 AM 3.2 98	07:07 AM 0.3 9
Su 06:17 PM -0.1 -3	11:57 PM 2.9 88	M 12:19 PM 3.0 91	06:58 PM 0.1 3	W 12:40 PM 3.1 94	07:28 PM -0.1 -3	Th 01:10 PM 2.6 79	07:25 PM 0.4 12	W 06:13 PM -0.3 -9		Th 12:48 PM 2.8 85	07:00 PM 0.4 12
<b>4</b> 06:19 AM 0.1 3	12:01 PM 3.3 101	<b>19</b> 12:52 AM 2.8 85	07:22 AM 0.5 15	<b>4</b> 01:22 AM 3.3 101	08:13 AM 0.1 3	<b>19</b> 01:29 AM 2.8 85	08:30 AM 0.7 21	<b>4</b> 12:04 AM 3.6 110	06:52 AM -0.1 -3	<b>19</b> 12:54 AM 3.1 94	07:47 AM 0.5 15
M 07:04 PM -0.1 -3		Tu 01:05 PM 2.8 85	07:42 PM 0.2 6	Th 01:37 PM 3.0 91	08:31 PM 0.0 0	F 01:58 PM 2.4 73	08:18 PM 0.6 18	Th 12:26 PM 3.1 94	07:04 PM 0.0 0	F 01:33 PM 2.6 79	07:33 PM 0.6 18
<b>5</b> 12:51 AM 3.0 91	07:19 AM 0.2 6	<b>20</b> 01:38 AM 2.8 85	08:21 AM 0.6 18	<b>5</b> 02:19 AM 3.3 101	09:28 AM 0.2 6	<b>20</b> 02:14 AM 2.8 85	09:39 AM 0.7 21	<b>5</b> 01:00 AM 3.5 107	07:58 AM 0.1 3	<b>20</b> 01:34 AM 3.0 91	08:38 AM 0.7 21
Tu 12:57 PM 3.2 98	07:59 PM 0.0 0	W 01:51 PM 2.6 79	08:31 PM 0.3 9	F 02:39 PM 2.8 85	09:40 PM 0.1 3	Sa 02:50 PM 2.4 73	09:25 PM 0.6 18	F 01:25 PM 2.9 88	08:08 PM 0.2 6	Sa 02:20 PM 2.5 76	08:18 PM 0.7 21
<b>6</b> 01:45 AM 3.1 94	08:31 AM 0.2 6	<b>21</b> 02:23 AM 2.8 85	09:25 AM 0.6 18	<b>6</b> 03:20 AM 3.4 104	10:37 AM 0.1 3	<b>21</b> 03:06 AM 2.8 85	10:41 AM 0.6 18	<b>6</b> 01:59 AM 3.4 104	09:11 AM 0.2 6	<b>21</b> 02:21 AM 2.9 88	09:48 AM 0.8 24
W 01:54 PM 3.0 91	09:02 PM 0.0 0	Th 02:40 PM 2.5 76	09:25 PM 0.4 12	Sa 03:45 PM 2.7 82	10:46 PM 0.0 0	Su 03:49 PM 2.3 70	10:30 PM 0.6 18	Sa 02:28 PM 2.8 85	09:22 PM 0.3 9	Su 03:13 PM 2.4 73	09:29 PM 0.8 24
<b>7</b> 02:42 AM 3.2 98	09:45 AM 0.2 6	<b>22</b> 03:10 AM 2.8 85	10:26 AM 0.6 18	<b>7</b> 04:24 AM 3.4 104	11:40 AM 0.0 0	<b>22</b> 04:05 AM 2.9 88	11:35 AM 0.5 15	<b>7</b> 03:01 AM 3.4 104	10:22 AM 0.2 6	<b>22</b> 03:15 AM 2.9 88	10:59 AM 0.7 21
Th 02:55 PM 2.9 88	10:04 PM -0.1 -3	F 03:34 PM 2.4 73	10:19 PM 0.4 12	Su 04:55 PM 2.7 82	11:46 PM 0.0 0	M 04:51 PM 2.4 73	11:27 PM 0.4 12	Su 03:35 PM 2.7 82	10:33 PM 0.3 9	M 04:10 PM 2.5 76	10:50 PM 0.8 24
<b>8</b> 03:41 AM 3.4 104	10:52 AM 0.0 0	<b>23</b> 04:01 AM 2.8 85	11:20 AM 0.5 15	<b>8</b> 05:29 AM 3.5 107	12:37 PM -0.2 -6	<b>23</b> 05:06 AM 3.0 91	12:25 PM 0.3 9	<b>8</b> 04:08 AM 3.3 101	11:25 AM 0.1 3	<b>23</b> 04:17 AM 2.9 88	11:58 AM 0.6 18
F 04:00 PM 2.9 88	11:03 PM -0.2 -6	Sa 04:31 PM 2.4 73	11:31 PM 0.4 12	M 06:00 PM 2.8 85		Tu 05:48 PM 2.6 79		M 04:44 PM 2.8 85	11:36 PM 0.2 6	Tu 05:12 PM 2.6 79	11:55 PM 0.6 18
<b>9</b> 04:43 AM 3.5 107	11:53 AM -0.1 -3	<b>24</b> 04:54 AM 2.9 88	12:09 PM 0.3 9	<b>9</b> 12:43 AM -0.1 -3	06:28 AM 3.6 110	<b>24</b> 12:19 AM 0.3 9	06:01 AM 3.2 98	<b>9</b> 05:14 AM 3.4 104	12:20 PM 0.0 0	<b>24</b> 05:23 AM 3.1 94	12:50 PM 0.4 12
Sa 05:07 PM 2.9 88	11:59 PM -0.3 -9	Su 05:28 PM 2.4 73	11:59 PM 0.3 9	Tu 01:30 PM -0.3 -9	06:56 PM 3.0 91	W 01:12 PM 0.1 3	06:38 PM 2.8 85	Tu 05:48 PM 2.9 88		W 06:12 PM 2.8 85	
<b>10</b> 05:44 AM 3.7 113	12:50 PM -0.3 -9	<b>25</b> 05:46 AM 3.1 94	12:57 PM 0.2 6	<b>10</b> 01:36 AM -0.2 -6	07:19 AM 3.7 113	<b>25</b> 01:10 AM 0.0 0	06:50 AM 3.5 107	<b>10</b> 12:32 AM 0.1 3	06:12 AM 3.5 107	<b>25</b> 12:52 AM 0.4 12	06:25 AM 3.3 101
Su 06:10 PM 2.9 88		M 06:20 PM 2.6 79		W 02:19 PM -0.4 -12	07:46 PM 3.1 94	Th 01:58 PM -0.1 -3	07:23 PM 3.1 94	W 01:10 PM -0.1 -3	06:42 PM 3.1 94	Th 01:38 PM 0.1 3	07:05 PM 3.1 94
<b>11</b> 12:54 AM -0.3 -9	06:40 AM 3.8 116	<b>26</b> 12:46 AM 0.1 3	06:33 PM 3.2 98	<b>11</b> 02:27 AM -0.3 -9	08:06 AM 3.7 113	<b>26</b> 01:59 AM -0.2 -6	07:34 AM 3.7 113	<b>11</b> 01:23 AM 0.0 0	07:03 AM 3.6 110	<b>26</b> 01:44 AM 0.1 3	07:19 AM 3.5 107
M 01:44 PM -0.4 -12	07:07 PM 3.0 91	Tu 01:43 AM 0.0 0	07:06 PM 2.7 82	Th 03:05 PM -0.4 -12	08:32 PM 3.2 98	F 02:42 PM -0.3 -9	08:05 PM 3.3 101	Th 01:56 PM -0.2 -6	07:29 PM 3.3 101	F 02:24 PM -0.1 -3	07:53 PM 3.4 104
<b>12</b> 01:48 AM -0.4 -12	07:32 AM 3.9 119	<b>27</b> 01:34 AM 0.0 0	07:16 AM 3.4 104	<b>12</b> 03:14 AM -0.3 -9	08:50 AM 3.7 113	<b>27</b> 02:47 AM -0.3 -9	08:17 AM 3.8 116	<b>12</b> 02:11 AM -0.1 -3	07:47 AM 3.6 110	<b>27</b> 02:36 AM -0.2 -6	08:07 AM 3.7 113
Tu 02:37 PM -0.5 -15	07:59 PM 3.1 94	W 02:28 PM -0.1 -3	07:49 PM 2.8 85	F 03:48 PM -0.4 -12	09:16 PM 3.2 98	Sa 03:24 PM -0.5 -15	08:48 PM 3.5 107	F 02:39 PM -0.2 -6	08:11 PM 3.4 104	Sa 03:09 PM -0.3 -9	08:38 PM 3.7 113
<b>13</b> 02:41 AM -0.4 -12	08:21 AM 3.9 119	<b>28</b> 02:20 AM -0.1 -3	07:57 AM 3.5 107	<b>13</b> 03:58 AM -0.2 -6	09:33 AM 3.6 110	<b>28</b> 03:34 AM -0.5 -15	09:00 AM 3.8 116	<b>13</b> 02:55 AM -0.1 -3	08:27 AM 3.6 110	<b>28</b> 03:26 AM -0.4 -12	08:53 AM 3.9 119
W 03:26 PM -0.6 -18	08:49 PM 3.1 94	Th 03:11 PM -0.3 -9	08:30 PM 3.0 91	Sa 04:27 PM -0.4 -12	09:59 PM 3.2 98	Su 04:06 PM -0.5 -15	09:32 PM 3.6 110	Sa 03:18 PM -0.3 -9	08:50 PM 3.4 104	Su 03:53 PM -0.5 -15	09:22 PM 3.9 119
<b>14</b> 03:31 AM -0.4 -12	09:09 AM 3.8 116	<b>29</b> 03:06 AM -0.2 -6	08:37 AM 3.6 110	<b>14</b> 04:40 AM -0.1 -3	10:15 AM 3.4 104	<b>29</b> 04:37 AM -0.1 -3	10:06 AM 3.5 107	<b>14</b> 04:37 AM -0.1 -3	10:06 AM 3.5 107	<b>29</b> 04:16 AM -0.5 -15	09:39 AM 3.9 119
Th 04:12 PM -0.5 -15	09:38 PM 3.1 94	F 03:52 PM -0.4 -12	09:11 PM 3.0 91	Su 05:03 PM -0.3 -9	10:42 PM 3.1 94	Su 04:54 PM -0.2 -6	10:28 PM 3.4 104	Su 04:54 PM -0.2 -6	10:28 PM 3.4 104	M 04:37 PM -0.5 -15	10:08 PM 4.1 125
<b>15</b> 04:18 AM -0.3 -9	09:57 AM 3.7 113	<b>30</b> 03:50 AM -0.3 -9	09:19 AM 3.7 113	<b>15</b> 05:19 AM 0.0 0	10:57 AM 3.2 98	<b>30</b> 05:05 AM -0.6 -18	10:45 AM 3.4 104	<b>15</b> 05:16 AM -0.1 -3	10:45 AM 3.4 104	<b>30</b> 05:05 AM -0.6 -18	10:27 AM 3.8 116
F 04:56 PM -0.4 -12	10:28 PM 3.0 91	Sa 04:32 PM -0.4 -12	09:55 PM 3.1 94	M 05:37 PM -0.1 -3	11:24 PM 3.0 91	Tu 05:21 PM -0.5 -15	11:04 PM 3.1 104	M 05:27 PM -0.1 -3	11:04 PM 3.1 104	Tu 05:21 PM -0.5 -15	10:56 PM 4.1 125
		<b>31</b> 04:35 AM -0.3 -9	10:03 AM 3.6 110			<b>31</b> 05:54 AM -0.5 -15	11:19 AM 3.6 110			W 06:05 PM -0.4 -12	11:47 PM 4.0 122
		Su 05:12 PM -0.4 -12	10:43 PM 3.2 98								

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.

Referred to Station: Sandy Hook ( 8531680 ) Time offset in mins (high: 44 low: 74) Height offset in feet (high: \*0.68 low: \*0.68)



**GRAVELING POINT, NJ, 2021**

**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	h m	ft	h m	ft	h m	ft	h m	ft	h m	ft
<b>1</b> 06:45 AM -0.4 -12	12:15 PM 3.4 104	<b>16</b> 06:41 AM 0.3 9	12:17 PM 2.8 85	<b>1</b> 12:25 AM 4.0 122	07:26 AM -0.1 -3	<b>16</b> 06:58 AM 0.4 12	12:37 PM 2.7 82	<b>1</b> 02:03 AM 3.5 107	09:02 AM 0.2 6	<b>16</b> 12:51 AM 3.4 104	08:02 AM 0.4 12
Th 06:52 PM -0.1 -3		F 06:26 PM 0.5 15		Sa 01:03 PM 3.2 98	07:31 PM 0.2 6	Su 06:40 PM 0.7 21		Tu 02:43 PM 3.1 94	09:23 PM 0.7 21	W 01:51 PM 2.9 88	08:04 PM 0.7 21
<b>2</b> 12:43 AM 3.9 119	07:40 AM -0.1 -3	<b>17</b> 12:07 AM 3.2 98	07:18 AM 0.5 15	<b>2</b> 01:25 AM 3.8 116	08:26 AM 0.1 3	<b>17</b> 12:20 AM 3.3 101	07:39 AM 0.5 15	<b>2</b> 02:57 AM 3.4 104	10:02 AM 0.3 9	<b>17</b> 01:45 AM 3.3 101	08:55 AM 0.4 12
F 01:15 PM 3.2 98	07:46 PM 0.1 3	Sa 01:02 PM 2.6 79	07:00 PM 0.7 21	Su 02:05 PM 3.1 94	08:36 PM 0.5 15	M 01:26 PM 2.7 82	07:23 PM 0.8 24	W 03:38 PM 3.1 94	10:30 PM 0.7 21	Th 02:41 PM 3.1 94	09:12 PM 0.7 21
<b>3</b> 01:42 AM 3.7 113	08:43 AM 0.1 3	<b>18</b> 12:49 AM 3.1 94	08:02 AM 0.6 18	<b>3</b> 02:25 AM 3.6 110	09:32 AM 0.2 6	<b>18</b> 01:12 AM 3.2 98	08:30 AM 0.6 18	<b>3</b> 03:50 AM 3.2 98	10:57 AM 0.3 9	<b>18</b> 02:40 AM 3.3 101	09:54 AM 0.3 9
Sa 02:16 PM 3.0 91	08:51 PM 0.4 12	Su 01:50 PM 2.6 79	07:42 PM 0.8 24	M 03:05 PM 3.0 91	09:49 PM 0.6 18	Tu 02:16 PM 2.7 82	08:21 PM 0.8 24	Th 04:31 PM 3.2 98	11:30 PM 0.7 21	F 03:33 PM 3.3 101	10:27 PM 0.6 18
<b>4</b> 02:42 AM 3.5 107	09:54 AM 0.3 9	<b>19</b> 01:39 AM 3.1 94	09:02 AM 0.7 21	<b>4</b> 03:24 AM 3.4 104	10:38 AM 0.3 9	<b>19</b> 02:08 AM 3.2 98	09:32 AM 0.6 18	<b>4</b> 04:43 AM 3.1 94	11:45 AM 0.3 9	<b>19</b> 03:38 AM 3.3 101	10:53 AM 0.2 6
Su 03:18 PM 2.9 88	10:08 PM 0.5 15	M 02:42 PM 2.6 79	08:45 PM 0.9 27	Tu 04:04 PM 3.0 91	11:00 PM 0.6 18	W 03:08 PM 2.8 85	09:38 PM 0.8 24	F 05:23 PM 3.2 98		Sa 04:29 PM 3.5 107	11:35 PM 0.4 12
<b>5</b> 03:44 AM 3.4 104	11:04 AM 0.3 9	<b>20</b> 02:36 AM 3.1 94	10:14 AM 0.7 21	<b>5</b> 04:23 AM 3.3 101	11:36 AM 0.3 9	<b>20</b> 03:06 AM 3.2 98	10:35 AM 0.5 15	<b>5</b> 12:23 AM 0.6 18	05:37 AM 3.0 91	<b>20</b> 04:40 AM 3.2 98	11:49 AM 0.1 3
M 04:23 PM 2.9 88	11:20 PM 0.5 15	Tu 03:37 PM 2.6 79	10:11 PM 0.9 27	W 05:04 PM 3.1 94		Th 04:02 PM 3.0 91	10:53 PM 0.7 21	Sa 12:28 PM 3.3 9	06:13 PM 3.4 104	Su 05:27 PM 3.8 116	
<b>6</b> 04:49 AM 3.3 101	12:05 PM 0.2 6	<b>21</b> 03:37 AM 3.1 94	11:18 AM 0.6 18	<b>6</b> 12:00 AM 0.6 18	05:21 AM 3.2 98	<b>21</b> 04:06 AM 3.3 101	11:32 AM 0.3 9	<b>6</b> 01:10 AM 0.5 15	06:29 AM 3.0 91	<b>21</b> 12:35 AM 0.2 6	05:46 AM 3.2 98
Tu 05:28 PM 2.9 88		W 04:35 PM 2.8 85	11:24 PM 0.7 21	Th 12:25 PM 0.2 6	06:00 PM 3.2 98	F 05:00 PM 3.3 101	11:58 PM 0.4 12	Su 01:09 PM 0.3 9	06:58 PM 3.5 107	M 12:43 PM 0.0 0	06:26 PM 4.0 122
<b>7</b> 12:22 AM 0.4 12	05:52 AM 3.3 101	<b>22</b> 04:41 AM 3.2 98	12:12 PM 0.4 12	<b>7</b> 12:52 AM 0.4 12	06:16 AM 3.2 98	<b>22</b> 05:10 AM 3.3 101	12:23 PM 0.1 3	<b>7</b> 01:55 AM 0.4 12	07:18 AM 3.0 91	<b>22</b> 01:33 AM -0.1 -3	06:50 AM 3.3 101
W 12:57 PM 0.1 3	06:29 PM 3.1 94	Th 05:35 PM 3.0 91		F 06:51 PM 3.4 104		Sa 05:57 PM 3.6 110		M 01:49 PM 0.3 9	07:40 PM 3.6 110	Tu 01:37 PM -0.1 -3	07:23 PM 4.2 128
<b>8</b> 01:15 AM 0.3 9	06:49 AM 3.3 101	<b>23</b> 12:24 AM 0.4 12	05:46 AM 3.3 101	<b>8</b> 01:39 AM 0.3 9	07:06 AM 3.2 98	<b>23</b> 12:55 AM 0.1 3	06:13 AM 3.4 104	<b>8</b> 02:39 AM 0.3 9	08:03 AM 3.0 91	<b>23</b> 02:30 AM -0.2 -6	07:50 AM 3.4 104
Th 01:43 PM 0.1 3	07:21 PM 3.3 101	F 01:00 PM 0.1 3	06:31 PM 3.4 104	Sa 01:49 AM 0.1 3	07:34 PM 3.5 107	Su 01:13 PM -0.1 -3	06:53 PM 3.9 119	Tu 02:29 PM 0.3 9	08:18 PM 3.7 113	W 02:32 PM -0.2 -6	08:17 PM 4.3 131
<b>9</b> 02:04 AM 0.2 6	07:38 AM 3.4 104	<b>24</b> 01:19 AM 0.1 3	06:45 AM 3.5 107	<b>9</b> 02:24 AM 0.2 6	07:51 AM 3.2 98	<b>24</b> 01:51 AM -0.1 -3	07:12 AM 3.5 107	<b>9</b> 03:23 AM 0.2 6	08:46 AM 3.0 91	<b>24</b> 03:25 AM -0.4 -12	08:46 AM 3.4 104
F 02:26 PM 0.0 0	08:05 PM 3.4 104	Sa 01:47 PM -0.1 -3	07:22 PM 3.7 113	Su 02:28 PM 0.1 3	08:13 PM 3.6 110	M 02:03 PM -0.2 -6	07:45 PM 4.2 128	W 03:10 PM 0.3 9	08:54 PM 3.7 113	Th 03:27 PM -0.2 -6	09:09 PM 4.4 134
<b>10</b> 02:49 AM 0.1 3	08:21 AM 3.5 107	<b>25</b> 02:13 AM -0.1 -3	07:39 AM 3.7 113	<b>10</b> 03:07 AM 0.2 6	08:32 AM 3.2 98	<b>25</b> 02:46 AM -0.3 -9	08:07 AM 3.6 110	<b>10</b> 04:05 AM 0.2 6	09:26 AM 3.0 91	<b>25</b> 04:19 AM -0.4 -12	09:40 AM 3.4 104
Sa 03:05 PM 0.0 0	08:44 PM 3.6 110	Su 02:34 PM -0.3 -9	08:11 PM 4.0 122	M 03:06 PM 0.2 6	08:49 PM 3.7 113	Tu 02:54 PM -0.3 -9	08:35 PM 4.4 134	Th 03:51 PM 0.4 12	09:29 PM 3.7 113	F 04:22 PM -0.2 -6	10:01 PM 4.3 131
<b>11</b> 03:32 AM 0.0 0	09:01 AM 3.4 104	<b>26</b> 03:05 AM -0.4 -12	08:29 AM 3.8 116	<b>11</b> 03:48 AM 0.1 3	09:12 AM 3.2 98	<b>26</b> 03:41 AM -0.5 -15	09:01 AM 3.6 110	<b>11</b> 04:45 AM 0.1 3	10:06 AM 2.9 88	<b>26</b> 05:10 AM -0.4 -12	10:35 AM 3.4 104
Su 03:43 PM 0.0 0	09:20 PM 3.6 110	M 03:22 PM -0.4 -12	08:58 PM 4.3 131	Tu 03:43 PM 0.2 6	09:23 PM 3.7 113	W 03:45 PM -0.3 -9	09:25 PM 4.5 137	F 04:31 PM 0.4 12	10:03 PM 3.6 110	Sa 05:14 PM -0.1 -3	10:54 PM 4.2 128
<b>12</b> 04:13 AM 0.0 0	09:39 AM 3.4 104	<b>27</b> 03:58 AM -0.5 -15	09:19 AM 3.8 116	<b>12</b> 04:28 AM 0.1 3	09:51 AM 3.1 94	<b>27</b> 04:34 AM -0.5 -15	09:54 AM 3.5 107	<b>12</b> 05:24 AM 0.2 6	10:47 AM 2.9 88	<b>27</b> 05:59 AM -0.3 -9	11:31 AM 3.4 104
M 04:18 PM 0.0 0	09:55 PM 3.6 110	Tu 04:09 PM -0.4 -12	09:45 PM 4.4 134	W 04:19 PM 0.3 9	09:56 PM 3.7 113	Th 04:38 PM -0.3 -9	10:17 PM 4.4 134	Sa 05:10 PM 0.5 15	10:38 PM 3.5 107	Su 06:05 PM 0.1 3	11:48 PM 4.0 122
<b>13</b> 04:52 AM 0.0 0	10:17 AM 3.3 101	<b>28</b> 04:49 AM -0.6 -18	10:10 AM 3.7 113	<b>13</b> 05:07 AM 0.1 3	10:29 AM 3.0 91	<b>28</b> 05:26 AM -0.5 -15	10:50 AM 3.4 104	<b>13</b> 06:02 AM 0.2 6	11:29 AM 2.8 85	<b>28</b> 06:47 AM -0.2 -6	12:27 PM 3.3 101
Tu 04:52 PM 0.1 3	10:28 PM 3.6 110	W 04:57 PM -0.4 -12	10:34 PM 4.3 131	Th 04:55 PM 0.4 12	10:28 PM 3.6 110	F 05:29 PM -0.1 -3	11:11 PM 4.2 128	Su 05:48 PM 0.5 15	11:16 PM 3.5 107	M 06:56 PM 0.2 6	
<b>14</b> 05:29 AM 0.1 3	10:55 AM 3.1 94	<b>29</b> 05:40 AM -0.5 -15	11:04 AM 3.5 107	<b>14</b> 05:44 AM 0.2 6	11:10 AM 2.9 88	<b>29</b> 06:17 AM -0.4 -12	11:48 AM 3.3 101	<b>14</b> 06:40 AM 0.3 9	12:14 PM 2.8 85	<b>29</b> 12:42 AM 3.7 113	07:35 AM 0.0 0
W 05:24 PM 0.2 6	11:00 PM 3.5 107	Th 05:46 PM -0.2 -6	11:28 PM 4.2 128	F 05:30 PM 0.5 15	11:00 PM 3.5 107	Sa 06:21 PM 0.0 0		M 06:27 PM 0.6 18		Tu 01:22 PM 3.2 98	07:50 PM 0.5 15
<b>15</b> 06:05 AM 0.2 6	11:35 AM 2.9 88	<b>30</b> 06:32 AM -0.4 -12	12:02 PM 3.3 101	<b>15</b> 06:21 AM 0.3 9	11:52 AM 2.8 85	<b>30</b> 12:08 AM 4.0 122	07:09 AM -0.2 -6	<b>15</b> 12:01 AM 3.4 104	07:19 AM 0.3 9	<b>30</b> 01:35 AM 3.5 107	08:25 AM 0.1 3
Th 05:55 PM 0.4 12	11:33 PM 3.4 104	F 06:36 PM 0.0 0		Sa 06:04 PM 0.6 18	11:36 PM 3.4 104	Su 12:49 PM 3.2 98	07:16 PM 0.3 9	Tu 01:02 PM 2.9 88	07:11 PM 0.6 18	W 02:14 PM 3.2 98	08:48 PM 0.7 21
						<b>31</b> 01:06 AM 3.8 116	08:04 AM 0.0 0				
						M 01:47 PM 3.2 98	08:16 PM 0.5 15				

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.

Referred to Station: Sandy Hook ( 8531680 ) Time offset in mins (high: 44 low: 74) Height offset in feet (high: \*0.68 low: \*0.68)



**GRAVELING POINT, NJ, 2021**

**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> 02:25 AM	3.3 101	<b>16</b> 01:25 AM	3.4 104	<b>1</b> 03:25 AM	2.8 85	<b>16</b> 03:04 AM	3.1 94	<b>1</b> 04:37 AM	2.6 79	<b>16</b> 05:09 AM	3.0 91
09:16 AM	0.3 9	08:21 AM	0.2 6	10:04 AM	0.7 21	09:56 AM	0.4 12	11:13 AM	0.9 27	12:04 PM	0.4 12
Th 03:03 PM	3.2 98	F 02:15 PM	3.4 104	Su 03:53 PM	3.2 98	M 03:43 PM	3.7 113	W 04:51 PM	3.2 98	Th 05:39 PM	3.7 113
09:51 PM	0.8 24	08:53 PM	0.5 15	11:10 PM	0.8 24	11:02 PM	0.4 12				
<b>2</b> 03:14 AM	3.1 94	<b>17</b> 02:19 AM	3.3 101	<b>2</b> 04:17 AM	2.7 82	<b>17</b> 04:08 AM	3.0 91	<b>2</b> 12:21 AM	0.8 24	<b>17</b> 12:52 AM	0.2 6
10:08 AM	0.4 12	09:17 AM	0.2 6	10:58 AM	0.7 21	11:07 AM	0.4 12	05:37 AM	2.7 82	06:15 AM	3.2 98
F 03:51 PM	3.2 98	Sa 03:07 PM	3.5 107	M 04:43 PM	3.2 98	Tu 04:46 PM	3.8 116	Th 12:10 PM	0.8 24	F 01:02 PM	0.3 9
10:53 PM	0.8 24	10:06 PM	0.5 15					05:49 PM	3.3 101	06:40 PM	3.8 116
<b>3</b> 04:04 AM	2.9 88	<b>18</b> 03:17 AM	3.2 98	<b>3</b> 12:04 AM	0.8 24	<b>18</b> 12:07 AM	0.3 9	<b>3</b> 01:09 AM	0.6 18	<b>18</b> 01:43 AM	0.1 3
10:58 AM	0.5 15	10:20 AM	0.2 6	05:13 AM	2.7 82	05:17 AM	3.0 91	06:33 AM	2.8 85	07:13 AM	3.4 104
Sa 04:40 PM	3.2 98	Su 04:03 PM	3.7 113	Tu 11:51 AM	0.7 21	W 12:11 PM	0.3 9	F 01:02 PM	0.6 18	Sa 01:55 PM	0.2 6
11:48 PM	0.7 21	11:16 PM	0.4 12	05:35 PM	3.2 98	05:52 PM	3.8 116	06:44 PM	3.4 104	07:34 PM	3.9 119
<b>4</b> 04:56 AM	2.8 85	<b>19</b> 04:20 AM	3.1 94	<b>4</b> 12:54 AM	0.6 18	<b>19</b> 01:06 AM	0.2 6	<b>4</b> 01:54 AM	0.4 12	<b>19</b> 02:30 AM	-0.1 -3
11:45 AM	0.5 15	11:23 AM	0.2 6	06:11 AM	2.7 82	06:25 AM	3.1 94	07:22 AM	3.0 91	08:04 AM	3.5 107
Su 05:29 PM	3.3 101	M 05:03 PM	3.8 116	W 12:40 PM	0.6 18	Th 01:11 PM	0.2 6	Sa 01:50 PM	0.4 12	Su 02:45 PM	0.1 3
				06:28 PM	3.3 101	06:54 PM	3.9 119	07:31 PM	3.6 110	08:21 PM	3.9 119
<b>5</b> 12:38 AM	0.6 18	<b>20</b> 12:20 AM	0.2 6	<b>5</b> 01:41 AM	0.5 15	<b>20</b> 02:01 AM	0.0 0	<b>5</b> 02:38 AM	0.2 6	<b>20</b> 03:14 AM	-0.1 -3
05:51 AM	2.8 85	05:27 AM	3.1 94	07:05 AM	2.8 85	07:26 AM	3.3 101	08:06 AM	3.3 101	08:48 AM	3.7 113
M 12:29 PM	0.5 15	Tu 12:23 PM	0.1 3	Th 01:29 PM	0.6 18	F 02:07 PM	0.1 3	Su 02:38 PM	0.3 9	M 03:33 PM	0.0 0
06:18 PM	3.4 104	06:06 PM	3.9 119	07:17 PM	3.5 107	07:50 PM	4.0 122	08:14 PM	3.8 116	O 09:04 PM	3.9 119
<b>6</b> 01:25 AM	0.5 15	<b>21</b> 01:19 AM	0.1 3	<b>6</b> 02:27 AM	0.4 12	<b>21</b> 02:52 AM	-0.1 -3	<b>6</b> 03:20 AM	0.0 0	<b>21</b> 03:56 AM	-0.1 -3
06:45 AM	2.8 85	06:35 AM	3.1 94	07:53 AM	2.9 88	08:20 AM	3.4 104	08:47 AM	3.5 107	09:29 AM	3.7 113
Tu 01:13 PM	0.5 15	W 01:21 PM	0.0 0	F 02:16 PM	0.4 12	Sa 03:01 PM	0.0 0	M 03:25 PM	0.1 3	Tu 04:17 PM	0.1 3
07:05 PM	3.5 107	07:07 PM	4.1 125	08:01 PM	3.6 110	08:40 PM	4.1 125	08:55 PM	3.9 119	09:45 PM	3.8 116
<b>7</b> 02:11 AM	0.4 12	<b>22</b> 02:15 AM	-0.1 -3	<b>7</b> 03:11 AM	0.2 6	<b>22</b> 03:41 AM	-0.2 -6	<b>7</b> 04:01 AM	-0.1 -3	<b>22</b> 04:34 AM	-0.1 -3
07:35 AM	2.8 85	07:37 AM	3.3 101	08:36 AM	3.1 94	09:09 AM	3.6 110	09:27 AM	3.6 110	10:09 AM	3.7 113
W 01:57 PM	0.4 12	Th 02:18 PM	0.0 0	Sa 03:03 PM	0.3 9	Su 03:51 PM	0.0 0	Tu 04:11 PM	0.0 0	W 04:59 PM	0.1 3
07:48 PM	3.6 110	08:03 PM	4.2 128	08:42 PM	3.7 113	O 09:27 PM	4.1 125	09:35 PM	3.9 119	10:25 PM	3.6 110
<b>8</b> 02:56 AM	0.3 9	<b>23</b> 03:10 AM	-0.2 -6	<b>8</b> 03:53 AM	0.1 3	<b>23</b> 04:26 AM	-0.2 -6	<b>8</b> 04:41 AM	-0.2 -6	<b>23</b> 05:10 AM	0.0 0
08:20 AM	2.9 88	08:33 AM	3.4 104	09:16 AM	3.2 98	09:55 AM	3.6 110	10:08 AM	3.8 116	10:47 AM	3.7 113
Th 02:42 PM	0.4 12	F 03:13 PM	-0.1 -3	Su 03:48 AM	0.2 6	M 04:39 PM	0.0 0	W 04:57 PM	-0.1 -3	Th 05:39 PM	0.2 6
08:28 PM	3.6 110	08:55 PM	4.2 128	09:20 PM	3.8 116	10:11 PM	4.0 122	10:18 PM	3.9 119	11:06 PM	3.4 104
<b>9</b> 03:39 AM	0.2 6	<b>24</b> 04:02 AM	-0.3 -9	<b>9</b> 04:34 AM	0.0 0	<b>24</b> 05:07 AM	-0.2 -6	<b>9</b> 05:21 AM	-0.2 -6	<b>24</b> 05:43 AM	0.2 6
09:02 AM	3.0 91	09:26 AM	3.5 107	09:56 AM	3.3 101	10:40 AM	3.6 110	10:52 AM	3.9 119	11:26 AM	3.6 110
F 03:26 PM	0.4 12	Sa 04:07 PM	-0.1 -3	M 04:32 PM	0.2 6	Tu 05:23 PM	0.1 3	Th 05:43 PM	-0.1 -3	F 06:18 PM	0.4 12
09:06 PM	3.7 113	O 09:45 PM	4.2 128	09:59 PM	3.8 116	10:55 PM	3.8 116	11:04 PM	3.8 116	11:49 PM	3.2 98
<b>10</b> 04:22 AM	0.1 3	<b>25</b> 04:51 AM	-0.3 -9	<b>10</b> 05:13 AM	0.0 0	<b>25</b> 05:46 AM	-0.1 -3	<b>10</b> 06:01 AM	-0.2 -6	<b>25</b> 06:16 AM	0.4 12
09:43 AM	3.0 91	10:17 AM	3.5 107	10:36 AM	3.4 104	11:24 AM	3.5 107	11:39 AM	3.9 119	12:05 PM	3.4 104
Sa 04:10 PM	0.4 12	Su 04:58 PM	0.0 0	Tu 05:15 PM	0.1 3	W 06:06 PM	0.2 6	F 06:31 PM	0.0 0	Sa 06:58 PM	0.5 15
09:42 PM	3.7 113	10:35 PM	4.1 125	10:39 PM	3.8 116	11:39 PM	3.6 110	11:55 PM	3.6 110		
<b>11</b> 05:02 AM	0.1 3	<b>26</b> 05:36 AM	-0.3 -9	<b>11</b> 05:50 AM	-0.1 -3	<b>26</b> 06:22 AM	0.1 3	<b>11</b> 06:43 AM	0.0 0	<b>26</b> 12:35 AM	2.9 88
10:23 AM	3.0 91	11:08 AM	3.5 107	11:20 AM	3.4 104	12:09 PM	3.5 107	12:32 PM	3.9 119	06:48 AM	0.6 18
Su 04:52 PM	0.3 9	M 05:46 PM	0.1 3	W 05:59 PM	0.1 3	Th 06:48 PM	0.4 12	Sa 07:23 PM	0.2 6	Su 12:46 PM	3.3 101
10:20 PM	3.7 113	11:24 PM	3.9 119	11:24 PM	3.7 113					07:40 PM	0.7 21
<b>12</b> 05:40 AM	0.1 3	<b>27</b> 06:19 AM	-0.2 -6	<b>12</b> 06:28 AM	0.0 0	<b>27</b> 12:25 AM	3.3 101	<b>12</b> 12:52 AM	3.4 104	<b>27</b> 01:24 AM	2.8 85
11:04 AM	3.0 91	11:59 AM	3.4 104	12:07 PM	3.5 107	06:57 AM	0.3 9	07:30 AM	0.2 6	07:24 AM	0.8 24
M 05:33 PM	0.3 9	Tu 06:32 PM	0.2 6	Th 06:45 PM	0.2 6	F 12:53 PM	3.4 104	Su 01:28 PM	3.8 116	M 01:30 PM	3.2 98
10:59 PM	3.6 110					07:31 PM	0.6 18	08:24 PM	0.3 9	08:33 PM	0.9 27
<b>13</b> 06:17 AM	0.1 3	<b>28</b> 12:13 AM	3.7 113	<b>13</b> 12:13 AM	3.6 110	<b>28</b> 01:12 AM	3.1 94	<b>13</b> 01:53 AM	3.2 98	<b>28</b> 02:14 AM	2.6 79
11:48 AM	3.1 94	07:01 AM	0.0 0	07:08 AM	0.0 0	07:33 AM	0.5 15	08:28 AM	0.4 12	08:09 AM	0.9 27
Tu 06:14 PM	0.4 12	W 12:49 PM	3.3 101	F 12:57 PM	3.6 110	Sa 01:36 PM	3.3 101	M 02:27 PM	3.8 116	Tu 02:18 PM	3.1 94
11:43 PM	3.6 110	07:19 PM	0.4 12	07:36 PM	0.3 9	08:21 PM	0.8 24	09:36 PM	0.5 15	09:39 PM	1.0 30
<b>14</b> 06:55 AM	0.1 3	<b>29</b> 01:01 AM	3.4 104	<b>14</b> 01:07 AM	3.4 104	<b>29</b> 01:59 AM	2.9 88	<b>14</b> 02:56 AM	3.0 91	<b>29</b> 03:07 AM	2.6 79
12:35 PM	3.1 94	07:42 AM	0.2 6	07:53 AM	0.1 3	08:13 AM	0.7 21	09:42 AM	0.5 15	09:17 AM	1.0 30
W 06:58 PM	0.4 12	Th 01:37 PM	3.3 101	Sa 01:50 PM	3.6 110	Su 02:20 PM	3.2 98	Tu 03:29 PM	3.7 113	W 03:10 PM	3.1 94
		08:10 PM	0.6 18	08:37 PM	0.4 12	09:20 PM	0.9 27	10:49 PM	0.4 12	10:47 PM	0.9 27
<b>15</b> 12:32 AM	3.5 107	<b>30</b> 01:49 AM	3.2 98	<b>15</b> 02:04 AM	3.2 98	<b>30</b> 02:48 AM	2.7 82	<b>15</b> 04:02 AM	3.0 91	<b>30</b> 04:02 AM	2.6 79
07:35 AM	0.1 3	08:25 AM	0.4 12	08:48 AM	0.3 9	09:04 AM	0.9 27	10:57 AM	0.5 15	10:35 AM	1.0 30
Th 01:24 PM	3.2 98	F 02:22 PM	3.2 98	Su 02:45 PM	3.7 113	M 03:06 PM	3.1 94	W 04:33 PM	3.7 113	Th 04:07 PM	3.1 94
07:49 PM	0.5 15	09:06 PM	0.8 24	09:49 PM	0.5 15	10:26 PM	1.0 30	11:55 PM	0.3 9	11:45 PM	0.8 24
		<b>31</b> 02:36 AM	3.0 91			<b>31</b> 03:41 AM	2.6 79				
		09:12 AM	0.6 18			10:09 AM	0.9 27				
		Sa 03:07 PM	3.2 98			Tu 03:56 PM	3.1 94				
		10:09 PM	0.9 27			11:28 PM	0.9 27				

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