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# GLADSTONE – QUEENSLAND

LAT 23° 50' LONG 151° 15'

Times and Heights of High and Low Waters

# 2016

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0138 3.03		<b>16</b> 0139 3.55		<b>1</b> 0238 3.10		<b>16</b> 0343 3.66		<b>1</b> 0133 3.25		<b>16</b> 0321 3.68		<b>1</b> 0326 3.36		<b>16</b> 0523 3.74	
0725 1.75		0735 1.35		0903 1.98		1009 1.60		0747 1.94		0957 1.58		1013 1.68		1155 1.20	
FR 1351 3.42		SA 1358 3.73		MO 1452 3.07		TU 1614 3.23		TU 1356 2.98		WE 1606 3.11		FR 1608 2.98		SA 1809 3.46	
2011 1.47		2028 1.11		☾ 2106 1.65		2229 1.37		1951 1.74		☾ 2213 1.54		☾ 2159 1.67			
<b>2</b> 0242 3.00		<b>17</b> 0250 3.54		<b>2</b> 0403 3.17		<b>17</b> 0508 3.78		<b>2</b> 0253 3.19		<b>17</b> 0446 3.73		<b>2</b> 0447 3.56		<b>17</b> 0012 1.33	
0853 1.87		0853 1.51		1034 1.89		1137 1.44		0936 1.95		1123 1.42		1124 1.40		0618 3.84	
SA 1449 3.27		SU 1508 3.54		TU 1609 3.03		WE 1741 3.30		WE 1519 2.90		TH 1732 3.26		SA 1725 3.25		SU 1241 1.04	
☾ 2116 1.50		☾ 2138 1.16		2220 1.57		2349 1.25		☾ 2120 1.75		2336 1.41		2316 1.43		1856 3.67	
<b>3</b> 0403 3.08		<b>18</b> 0408 3.63		<b>3</b> 0521 3.39		<b>18</b> 0618 4.00		<b>3</b> 0421 3.31		<b>18</b> 0557 3.89		<b>3</b> 0551 3.83		<b>18</b> 0059 1.16	
1016 1.83		1022 1.51		1139 1.68		1242 1.21		1100 1.76		1225 1.19		1221 1.08		0702 3.91	
SU 1555 3.19		MO 1625 3.43		WE 1728 3.11		TH 1849 3.47		TH 1647 3.01		FR 1836 3.49		SU 1824 3.57		MO 1319 0.93	
2220 1.44		2250 1.12		2322 1.41				2239 1.61						1935 3.82	
<b>4</b> 0515 3.28		<b>19</b> 0524 3.83		<b>4</b> 0617 3.67		<b>19</b> 0052 1.07		<b>4</b> 0534 3.58		<b>19</b> 0038 1.20		<b>4</b> 0023 1.14		<b>19</b> 0139 1.05	
1121 1.69		1143 1.36		1233 1.44		0712 4.19		1202 1.47		0651 4.05		0645 4.09		0739 3.94	
MO 1706 3.21		TU 1745 3.43		TH 1829 3.28		FR 1332 1.01		FR 1800 3.24		SA 1311 1.01		MO 1311 0.78		TU 1351 0.86	
2315 1.31						1939 3.63		2348 1.37		1923 3.68		1913 3.88		2008 3.92	
<b>5</b> 0608 3.54		<b>20</b> 0000 1.00		<b>5</b> 0018 1.22		<b>20</b> 0142 0.91		<b>5</b> 0630 3.88		<b>20</b> 0125 1.03		<b>5</b> 0119 0.85		<b>20</b> 0213 0.97	
1214 1.50		0629 4.07		0702 3.94		0757 4.30		1253 1.18		0735 4.14		0732 4.29		0813 3.93	
TU 1807 3.28		WE 1250 1.15		FR 1321 1.20		SA 1414 0.88		SA 1853 3.50		SU 1351 0.89		TU 1356 0.53		WE 1420 0.82	
		1852 3.51		1919 3.46		2022 3.74				2001 3.82		1959 4.16		2039 4.00	
<b>6</b> 0005 1.16		<b>21</b> 0059 0.87		<b>6</b> 0109 1.01		<b>21</b> 0223 0.81		<b>6</b> 0047 1.10		<b>21</b> 0204 0.92		<b>6</b> 0209 0.60		<b>21</b> 0244 0.92	
0650 3.78		0723 4.27		0744 4.18		0834 4.35		0717 4.16		0810 4.17		0817 4.41		0845 3.89	
WE 1300 1.31		TH 1343 0.96		SA 1405 0.97		SU 1451 0.81		SU 1340 0.89		MO 1424 0.83		WE 1439 0.35		TH 1447 0.80	
1857 3.38		1947 3.60		2003 3.64		2058 3.81		1940 3.76		2036 3.90		2043 4.38		2107 4.04	
<b>7</b> 0049 1.01		<b>22</b> 0151 0.75		<b>7</b> 0157 0.80		<b>22</b> 0259 0.76		<b>7</b> 0140 0.83		<b>22</b> 0239 0.86		<b>7</b> 0255 0.42		<b>22</b> 0314 0.91	
0729 3.99		0809 4.40		0824 4.37		0908 4.34		0801 4.38		0843 4.17		0901 4.44		0914 3.83	
TH 1343 1.13		FR 1429 0.83		SU 1447 0.77		MO 1525 0.79		MO 1424 0.64		TU 1455 0.80		TH 1521 0.25		FR 1513 0.80	
1942 3.48		2033 3.67		2045 3.80		2131 3.84		2023 3.99		2106 3.95		☾ 2126 4.54		☾ 2134 4.06	
<b>8</b> 0131 0.87		<b>23</b> 0235 0.68		<b>8</b> 0243 0.63		<b>23</b> 0332 0.77		<b>8</b> 0227 0.60		<b>23</b> 0309 0.84		<b>8</b> 0341 0.36		<b>23</b> 0345 0.94	
0806 4.16		0850 4.45		0904 4.51		0940 4.29		0842 4.53		0913 4.12		0945 4.37		0943 3.73	
FR 1424 0.98		SA 1511 0.76		MO 1528 0.60		TU 1555 0.81		TU 1506 0.45		WE 1522 0.80		FR 1603 0.28		SA 1539 0.84	
2022 3.56		2114 3.71		2126 3.94		☾ 2202 3.85		2105 4.19		☾ 2134 3.97		2211 4.59		2202 4.04	
<b>9</b> 0213 0.75		<b>24</b> 0314 0.67		<b>9</b> 0326 0.50		<b>24</b> 0402 0.83		<b>9</b> 0312 0.43		<b>24</b> 0338 0.86		<b>9</b> 0426 0.42		<b>24</b> 0416 1.01	
0843 4.29		0928 4.44		0944 4.58		1010 4.20		0924 4.60		0941 4.04		1031 4.18		1013 3.59	
SA 1506 0.85		SU 1549 0.76		TU 1610 0.50		WE 1623 0.87		WE 1547 0.34		TH 1547 0.83		SA 1645 0.44		SU 1605 0.93	
2102 3.63		☾ 2151 3.71		☾ 2206 4.04		2230 3.82		☾ 2147 4.33		2201 3.97		2257 4.53		2232 3.97	
<b>10</b> 0254 0.66		<b>25</b> 0351 0.72		<b>10</b> 0409 0.47		<b>25</b> 0429 0.93		<b>10</b> 0356 0.37		<b>25</b> 0406 0.92		<b>10</b> 0513 0.62		<b>25</b> 0448 1.12	
0921 4.38		1004 4.38		0944 4.57		1038 4.07		1006 4.55		1009 3.93		1119 3.91		1044 3.43	
SU 1547 0.75		MO 1624 0.81		WE 1651 0.49		TH 1648 0.95		TH 1628 0.34		FR 1612 0.89		SU 1727 0.71		MO 1631 1.06	
☾ 2141 3.69		2227 3.68		2249 4.08		2257 3.76		2230 4.39		2228 3.94		2346 4.35		2304 3.87	
<b>11</b> 0335 0.61		<b>26</b> 0424 0.83		<b>11</b> 0451 0.55		<b>26</b> 0456 1.08		<b>11</b> 0439 0.44		<b>26</b> 0435 1.03		<b>11</b> 0602 0.90		<b>26</b> 0522 1.27	
0959 4.43		1038 4.26		1106 4.45		1106 3.89		1049 4.39		1037 3.76		1211 3.58		1116 3.26	
MO 1628 0.69		TU 1656 0.90		TH 1732 0.58		FR 1713 1.07		FR 1708 0.47		SA 1636 0.99		MO 1813 1.04		TU 1659 1.21	
2221 3.72		2300 3.61		2333 4.05		2326 3.66		2315 4.35		2256 3.86				2340 3.74	
<b>12</b> 0417 0.63		<b>27</b> 0453 0.99		<b>12</b> 0535 0.74		<b>27</b> 0524 1.27		<b>12</b> 0524 0.65		<b>27</b> 0504 1.19		<b>12</b> 0040 4.11		<b>27</b> 0602 1.42	
1039 4.41		1110 4.10		1151 4.23		1136 3.67		1134 4.12		1106 3.56		0659 1.20		1156 3.10	
TU 1710 0.69		WE 1726 1.02		FR 1814 0.75		SA 1737 1.22		SA 1751 0.71		SU 1700 1.14		TU 1311 3.28		WE 1733 1.38	
2303 3.72		2331 3.52				2358 3.54				2327 3.73		1909 1.36			
<b>13</b> 0459 0.73		<b>28</b> 0520 1.18		<b>13</b> 0021 3.95		<b>28</b> 0555 1.50		<b>13</b> 0003 4.20		<b>28</b> 0536 1.39		<b>13</b> 0142 3.86		<b>28</b> 0024 3.61	
1122 4.32		1141 3.90		0622 1.01		1210 3.42		0612 0.95		1137 3.34		0809 1.42		0654 1.55	
WE 1753 0.76		TH 1753 1.15		SA 1240 3.93		SU 1806 1.40		SU 1224 3.78		MO 1725 1.31		WE 1422 3.08		TH 1251 2.97	
2348 3.68				1901 0.98				1835 1.01				2024 1.58		1824 1.56	
<b>14</b> 0543 0.90		<b>29</b> 0002 3.41		<b>14</b> 0116 3.81		<b>29</b> 0038 3.39		<b>14</b> 0057 4.00		<b>29</b> 0002 3.58		<b>14</b> 0254 3.70		<b>29</b> 0124 3.51	
1208 4.17		0550 1.39		0718 1.32		0637 1.74		0708 1.28		0614 1.59		0932 1.48		0806 1.59	
TH 1838 0.87		FR 1214 3.69		SU 1337 3.62		MO 1254 3.18		MO 1322 3.44		TU 1217 3.12		TH 1547 3.06		FR 1406 2.93	
		1824 1.30		1957 1.20		1845 1.59		1930 1.30		1758 1.50		☾ 2150 1.63		1949 1.67	
<b>15</b> 0039 3.62		<b>30</b> 0040 3.29		<b>15</b> 0223 3.68				<b>15</b> 0201 3.79		<b>30</b> 0050 3.43		<b>15</b> 0413 3.67		<b>30</b> 0242 3.49	
0633 1.12		0627 1.63		0835 1.55				0823 1.53		0711 1.77		1053 1.38		0928 1.49	
FR 1259 3.96		SA 1254 3.45		MO 1448 3.36				TU 1435 3.18		WE 1313 2.94		FR 1708 3.22		SA 1533 3.05	
1928 1.00		1901 1.46		☾ 2108 1.35				2045 1.51		1853 1.69		2310 1.51		☾ 2123 1.62	
		<b>31</b> 0129 3.17						<b>31</b> 0158 3.32							
		0725 1.86						0840 1.83							
		SU 1347 3.23						TH 1436 2.87							
		1954 1.59						2026 1.78							

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

# GLADSTONE – QUEENSLAND

LAT 23° 50' LONG 151° 15'

Times and Heights of High and Low Waters

# 2016

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0402 3.61		<b>16</b> 0534 3.59		<b>1</b> 0538 3.79		<b>16</b> 0035 1.34		<b>1</b> 0023 1.05		<b>16</b> 0050 1.28		<b>1</b> 0208 0.68		<b>16</b> 0149 0.89	
1042 1.25		1158 1.13		1206 0.69		0628 3.38		0621 3.56		0643 3.20		0810 3.53		0745 3.39	
SU 1650 3.31		MO 1822 3.56		WE 1822 3.99		TH 1228 1.02		FR 1237 0.64		SA 1228 1.02		MO 1413 0.55		TU 1336 0.77	
2244 1.42				1908 3.77				1901 4.19		1916 3.81		2030 4.37		TU 2008 4.12	
<b>2</b> 0510 3.79		<b>17</b> 0026 1.32		<b>2</b> 0036 0.96		<b>17</b> 0116 1.20		<b>2</b> 0123 0.84		<b>17</b> 0132 1.11		<b>2</b> 0252 0.56		<b>17</b> 0229 0.69	
1144 0.97		0623 3.63		0638 3.85		0711 3.42		0721 3.59		0728 3.29		0854 3.59		0826 3.53	
MO 1753 3.65		TU 1238 1.02		TH 1259 0.52		FR 1304 0.92		SA 1332 0.54		SU 1311 0.90		TU 1457 0.51		WE 1421 0.60	
2356 1.16		1903 3.74		1914 4.26		1943 3.91		1952 4.37		1954 3.97		2111 4.39		2046 4.25	
<b>3</b> 0610 3.98		<b>18</b> 0108 1.19		<b>3</b> 0133 0.75		<b>18</b> 0154 1.08		<b>3</b> 0216 0.67		<b>18</b> 0211 0.96		<b>3</b> 0332 0.52		<b>18</b> 0309 0.53	
1238 0.70		0705 3.66		0732 3.87		0751 3.44		0815 3.62		0808 3.36		0935 3.61		0905 3.66	
TU 1847 3.97		WE 1312 0.93		FR 1349 0.41		SA 1339 0.85		SU 1422 0.47		MO 1354 0.78		WE 1537 0.52		TH 1505 0.47	
		1938 3.88		2003 4.46		2016 4.02		2039 4.48		2029 4.10		● 2150 4.34		○ 2124 4.33	
<b>4</b> 0057 0.89		<b>19</b> 0144 1.09		<b>4</b> 0225 0.59		<b>19</b> 0232 0.98		<b>4</b> 0304 0.57		<b>19</b> 0251 0.83		<b>4</b> 0410 0.55		<b>19</b> 0348 0.41	
0703 4.11		0742 3.67		0824 3.85		0828 3.44		0904 3.62		0846 3.43		1014 3.59		0945 3.77	
WE 1328 0.48		TH 1343 0.86		SA 1436 0.36		SU 1415 0.79		MO 1508 0.46		TU 1435 0.69		TH 1614 0.62		FR 1547 0.41	
1935 4.25		2010 3.98		2051 4.58		2049 4.09		● 2124 4.51		2106 4.18		2226 4.22		2202 4.35	
<b>5</b> 0149 0.65		<b>20</b> 0219 1.01		<b>5</b> 0314 0.51		<b>20</b> 0308 0.92		<b>5</b> 0350 0.53		<b>20</b> 0329 0.73		<b>5</b> 0445 0.64		<b>20</b> 0428 0.37	
0752 4.17		0817 3.65		0914 3.80		0904 3.43		0950 3.60		0924 3.49		1051 3.53		1026 3.84	
TH 1413 0.33		FR 1412 0.81		SU 1521 0.39		MO 1450 0.76		TU 1552 0.52		WE 1516 0.62		FR 1648 0.77		SA 1629 0.43	
2021 4.47		2040 4.05		● 2138 4.61		○ 2123 4.12		2209 4.45		○ 2143 4.24		2301 4.05		2242 4.26	
<b>6</b> 0239 0.49		<b>21</b> 0252 0.96		<b>6</b> 0402 0.51		<b>21</b> 0345 0.88		<b>6</b> 0432 0.58		<b>21</b> 0409 0.65		<b>6</b> 0517 0.77		<b>21</b> 0508 0.41	
0840 4.16		0850 3.61		1003 3.71		0940 3.41		1035 3.54		1002 3.54		1126 3.44		1109 3.84	
FR 1457 0.27		SA 1441 0.79		MO 1606 0.51		TU 1526 0.76		WE 1634 0.66		TH 1557 0.60		SA 1719 0.98		SU 1711 0.57	
2107 4.61		2110 4.09		2225 4.53		2157 4.13		2251 4.32		2220 4.25		2334 3.83		2323 4.08	
<b>7</b> 0326 0.42		<b>22</b> 0326 0.95		<b>7</b> 0449 0.60		<b>22</b> 0423 0.87		<b>7</b> 0514 0.69		<b>22</b> 0448 0.62		<b>7</b> 0547 0.93		<b>22</b> 0548 0.55	
0927 4.08		0922 3.54		1052 3.57		1016 3.39		1119 3.45		1042 3.57		1200 3.33		1155 3.79	
SA 1540 0.31		SU 1511 0.80		TU 1651 0.71		WE 1603 0.80		TH 1714 0.86		FR 1638 0.64		SU 1749 1.20		MO 1757 0.79	
● 2152 4.65		○ 2140 4.09		2312 4.37		2234 4.11		2332 4.12		2258 4.19					
<b>8</b> 0413 0.46		<b>23</b> 0359 0.97		<b>8</b> 0536 0.76		<b>23</b> 0503 0.89		<b>8</b> 0553 0.85		<b>23</b> 0529 0.65		<b>8</b> 0006 3.59		<b>23</b> 0009 3.82	
1016 3.92		0954 3.45		1141 3.41		1055 3.36		1201 3.33		1125 3.56		0616 1.09		0633 0.74	
SU 1623 0.47		MO 1541 0.86		WE 1736 0.96		TH 1642 0.88		FR 1751 1.10		SA 1720 0.76		MO 1237 3.20		TU 1247 3.68	
2240 4.58		2213 4.05				2313 4.04				2341 4.07		1824 1.44		1848 1.07	
<b>9</b> 0501 0.61		<b>24</b> 0435 1.03		<b>9</b> 0000 4.15		<b>24</b> 0544 0.94		<b>9</b> 0012 3.89		<b>24</b> 0611 0.73		<b>9</b> 0043 3.34		<b>24</b> 0102 3.51	
1106 3.70		1028 3.36		0623 0.96		1137 3.32		0631 1.03		1212 3.53		0650 1.25		0725 0.96	
MO 1708 0.72		TU 1613 0.95		TH 1232 3.25		FR 1724 1.00		SA 1244 3.20		SU 1806 0.94		TU 1323 3.09		WE 1350 3.58	
2329 4.40		2247 3.98		1822 1.23		2355 3.95		1829 1.34				1916 1.68		1956 1.32	
<b>10</b> 0551 0.84		<b>25</b> 0513 1.11		<b>10</b> 0048 3.91		<b>25</b> 0630 0.99		<b>10</b> 0052 3.64		<b>25</b> 0026 3.89		<b>10</b> 0130 3.09		<b>25</b> 0209 3.23	
1158 3.45		1104 3.25		0712 1.14		1226 3.28		0710 1.18		0657 0.84		WE 0739 1.40		0832 1.11	
TU 1754 1.03		WE 1646 1.07		FR 1325 3.12		SA 1812 1.14		SU 1330 3.09		MO 1306 3.48		WE 1424 3.02		TH 1505 3.54	
		2325 3.89		1916 1.47				1917 1.57		1859 1.15		2044 1.82		● 2126 1.43	
<b>11</b> 0021 4.15		<b>26</b> 0554 1.20		<b>11</b> 0139 3.68		<b>26</b> 0045 3.83		<b>11</b> 0136 3.42		<b>26</b> 0121 3.67		<b>11</b> 0234 2.90		<b>26</b> 0333 3.06	
0645 1.08		1146 3.16		0805 1.27		0721 1.04		0756 1.30		0751 0.95		0848 1.48		0950 1.15	
WE 1255 3.22		TH 1724 1.21		SA 1424 3.04		SU 1325 3.27		MO 1426 3.03		TU 1410 3.45		TH 1543 3.05		FR 1628 3.63	
1848 1.33				2022 1.64		1912 1.29		2028 1.73		2008 1.34		● 2219 1.77		2259 1.31	
<b>12</b> 0118 3.90		<b>27</b> 0009 3.78		<b>12</b> 0234 3.49		<b>27</b> 0143 3.71		<b>12</b> 0229 3.22		<b>27</b> 0225 3.45		<b>12</b> 0351 2.82		<b>27</b> 0503 3.09	
0746 1.28		0643 1.28		0902 1.33		0821 1.05		0853 1.37		0857 1.02		1001 1.44		1109 1.06	
TH 1359 3.07		FR 1238 3.09		SU 1533 3.06		MO 1434 3.32		TU 1536 3.05		WE 1524 3.50		FR 1703 3.22		SA 1743 3.83	
1956 1.56		1815 1.37		● 2136 1.69		2027 1.39		● 2151 1.76		● 2135 1.41		2329 1.57			
<b>13</b> 0221 3.70		<b>28</b> 0103 3.69		<b>13</b> 0336 3.38		<b>28</b> 0251 3.61		<b>13</b> 0333 3.09		<b>28</b> 0341 3.30		<b>13</b> 0514 2.89		<b>28</b> 0013 1.05	
0853 1.37		0743 1.31		1003 1.31		0927 1.01		0955 1.35		1008 1.00		1103 1.31		0618 3.26	
FR 1512 3.04		SA 1344 3.08		MO 1644 3.19		TU 1547 3.46		WE 1651 3.19		TH 1641 3.65		SA 1802 3.47		SU 1220 0.90	
2114 1.65		1927 1.49		2246 1.63		● 2152 1.38		2303 1.65		2302 1.31				1845 4.04	
<b>14</b> 0328 3.58		<b>29</b> 0210 3.64		<b>14</b> 0439 3.33		<b>29</b> 0402 3.55		<b>14</b> 0445 3.06		<b>29</b> 0503 3.27		<b>14</b> 0022 1.34		<b>29</b> 0109 0.81	
1004 1.35		0853 1.25		1058 1.23		1034 0.90		1052 1.27		1118 0.91		0616 3.05		0714 3.45	
SA 1628 3.15		SU 1502 3.17		TU 1741 3.39		WE 1659 3.69		TH 1751 3.40		FR 1753 3.88		SU 1158 1.13		MO 1316 0.72	
● 2230 1.61		● 2053 1.50		2346 1.49		2312 1.24					1847 3.72		1934 4.19		
<b>15</b> 0436 3.56		<b>30</b> 0323 3.65		<b>15</b> 0538 3.34		<b>30</b> 0513 3.53		<b>15</b> 0001 1.47		<b>30</b> 0017 1.09		<b>15</b> 0107 1.10		<b>30</b> 0154 0.63	
1107 1.25		1002 1.10		1146 1.13		1138 0.77		0551 3.11		0618 3.34		0703 3.22		0800 3.58	
SU 1732 3.35		MO 1617 3.39		WE 1828 3.59		TH 1804 3.95		FR 1143 1.15		SA 1225 0.79		MO 1248 0.95		TU 1402 0.60	
2335 1.47		2216 1.38						1836 3.62		1853 4.11		1928 3.94		2015 4.26	
		<b>31</b> 0433 3.71								<b>31</b> 0117 0.86				<b>31</b> 0234 0.54	
		1108 0.89								SU 1323 0.66				WE 1441 0.54	
		TU 1724 3.69								1945 4.28				2052 4.25	
		2331 1.18													

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

# GLADSTONE – QUEENSLAND

LAT 23° 50' LONG 151° 15'

Times and Heights of High and Low Waters

# 2016

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b>	0309 0.51	<b>16</b>	0243 0.34	<b>1</b>	0310 0.55	<b>16</b>	0258 0.12	<b>1</b>	0326 0.67	<b>16</b>	0400 0.28	<b>1</b>	0327 0.77	<b>16</b>	0430 0.53
	0914 3.69		0843 3.90		0921 3.82		0902 4.31		0950 3.93		1016 4.56		1000 4.02		1051 4.54
TH	1518 0.55	FR	1448 0.37	SA	1527 0.67	SU	1517 0.28	TU	1605 0.90	WE	1639 0.46	TH	1623 1.00	FR	1716 0.63
●	2126 4.20		2101 4.35	●	2129 3.92	○	2121 4.21		2201 3.49		2240 3.71		2215 3.34		2319 3.56
<b>2</b>	0342 0.53	<b>17</b>	0324 0.21	<b>2</b>	0336 0.59	<b>17</b>	0339 0.11	<b>2</b>	0351 0.77	<b>17</b>	0444 0.49	<b>2</b>	0357 0.86	<b>17</b>	0517 0.76
	0948 3.69		0924 4.05		0950 3.81		0946 4.40		1020 3.86		1106 4.43		1033 3.95		1140 4.35
FR	1551 0.62	SA	1533 0.28	SU	1557 0.76	MO	1602 0.29	WE	1637 1.02	TH	1729 0.65	FR	1658 1.08	SA	1803 0.81
	2158 4.09	○	2141 4.34		2158 3.78		2205 4.06		2231 3.32		2333 3.48		2248 3.24		
<b>3</b>	0412 0.60	<b>18</b>	0404 0.18	<b>3</b>	0401 0.67	<b>18</b>	0421 0.22	<b>3</b>	0416 0.90	<b>18</b>	0532 0.78	<b>3</b>	0428 0.99	<b>18</b>	0009 3.40
	1021 3.66		1006 4.13		1018 3.76		1032 4.38		1051 3.75		1200 4.22		1109 3.85		0603 1.04
SA	1622 0.74	SU	1616 0.31	MO	1625 0.88	TU	1649 0.44	TH	1710 1.17	FR	1822 0.87	SA	1736 1.18	SU	1230 4.11
	2228 3.94		2223 4.21		2225 3.61		2252 3.82		2302 3.14				2325 3.13		1852 1.01
<b>4</b>	0439 0.71	<b>19</b>	0444 0.26	<b>4</b>	0424 0.79	<b>19</b>	0503 0.45	<b>4</b>	0442 1.06	<b>19</b>	0029 3.25	<b>4</b>	0502 1.14	<b>19</b>	0102 3.25
	1051 3.59		1050 4.13		1047 3.67		1122 4.25		1127 3.61		0625 1.09		1149 3.74		0654 1.32
SU	1650 0.90	MO	1700 0.46	TU	1655 1.05	WE	1739 0.68	FR	1748 1.33	SA	1257 3.98	SU	1820 1.28	MO	1321 3.86
	2256 3.74		2306 3.98		2254 3.40		2343 3.52		2339 2.97		1921 1.08				1943 1.19
<b>5</b>	0503 0.85	<b>20</b>	0525 0.46	<b>5</b>	0447 0.94	<b>20</b>	0548 0.76	<b>5</b>	0513 1.25	<b>20</b>	0132 3.07	<b>5</b>	0011 3.04	<b>20</b>	0200 3.13
	1120 3.49		1138 4.04		1117 3.55		1215 4.05		1210 3.47		0730 1.35		0546 1.31		0757 1.55
MO	1719 1.10	TU	1747 0.72	WE	1727 1.24	TH	1833 0.96	SA	1836 1.47	SU	1359 3.78	MO	1238 3.64	TU	1415 3.63
	2326 3.50		2354 3.66		2324 3.16				2026 1.21		2026 1.21		1913 1.34		2039 1.31
<b>6</b>	0527 1.01	<b>21</b>	0609 0.73	<b>6</b>	0510 1.13	<b>21</b>	0042 3.21	<b>6</b>	0028 2.82	<b>21</b>	0244 3.01	<b>6</b>	0109 2.98	<b>21</b>	0307 3.10
	1153 3.36		1231 3.87		1154 3.39		0643 1.09		0558 1.45		0846 1.49		0647 1.47		0910 1.67
TU	1750 1.33	WE	1840 1.02	TH	1804 1.45	FR	1317 3.84	SU	1306 3.36	MO	1505 3.64	TU	1338 3.57	WE	1514 3.47
	2358 3.24				1940 1.19		1940 1.19		1941 1.55	●	2136 1.23		2017 1.33	●	2140 1.34
<b>7</b>	0554 1.19	<b>22</b>	0050 3.32	<b>7</b>	0002 2.93	<b>22</b>	0152 2.99	<b>7</b>	0138 2.74	<b>22</b>	0401 3.09	<b>7</b>	0224 3.02	<b>22</b>	0421 3.19
	1232 3.22		0702 1.02		0542 1.33		0756 1.33		0714 1.61		1003 1.49		0811 1.56		1025 1.66
WE	1830 1.57	TH	1334 3.70	FR	1241 3.24	SA	1428 3.68	MO	1418 3.33	TU	1611 3.58	WE	1448 3.55	TH	1618 3.37
			1949 1.28		1856 1.64		2100 1.28		2101 1.49		2244 1.16	●	2129 1.23		2242 1.30
<b>8</b>	0040 2.98	<b>23</b>	0201 3.04	<b>8</b>	0055 2.72	<b>23</b>	0316 2.93	<b>8</b>	0305 2.81	<b>23</b>	0510 3.29	<b>8</b>	0344 3.20	<b>23</b>	0525 3.38
	0631 1.39		0813 1.24		0632 1.54		0920 1.40		0853 1.60		1112 1.38		0940 1.50		1130 1.55
TH	1326 3.08	FR	1449 3.59	SA	1346 3.13	SU	1545 3.64	TU	1535 3.42	WE	1713 3.58	TH	1559 3.60	FR	1721 3.36
	1935 1.78	●	2119 1.37		2020 1.73	●	2222 1.20	●	2218 1.28		2341 1.04		2237 1.03		2336 1.20
<b>9</b>	0139 2.76	<b>24</b>	0330 2.93	<b>9</b>	0217 2.62	<b>24</b>	0439 3.08	<b>9</b>	0425 3.06	<b>24</b>	0605 3.51	<b>9</b>	0456 3.49	<b>24</b>	0617 3.60
	0733 1.56		0938 1.30		0803 1.66		1040 1.31		1017 1.43		1207 1.24		1058 1.31		1223 1.40
FR	1440 3.02	SA	1611 3.63	SU	1508 3.16	MO	1656 3.70	WE	1644 3.60	TH	1805 3.61	FR	1706 3.68	SA	1816 3.39
●	2124 1.81		2249 1.24	●	2157 1.60		2331 1.02		2320 0.99				2338 0.81		
<b>10</b>	0302 2.66	<b>25</b>	0500 3.05	<b>10</b>	0350 2.72	<b>25</b>	0546 3.33	<b>10</b>	0530 3.40	<b>25</b>	0026 0.92	<b>10</b>	0557 3.83	<b>25</b>	0021 1.09
	0904 1.60		1101 1.18		0939 1.58		1146 1.14		1127 1.17		0648 3.71		1206 1.08		0659 3.80
SA	1604 3.12	SU	1727 3.78	MO	1625 3.34	TU	1755 3.79	TH	1744 3.79	FR	1253 1.12	SA	1809 3.76	SU	1307 1.26
	2249 1.62		2359 1.00		2307 1.33						1850 3.63				1903 3.44
<b>11</b>	0433 2.75	<b>26</b>	0609 3.30	<b>11</b>	0507 2.98	<b>26</b>	0022 0.84	<b>11</b>	0014 0.71	<b>26</b>	0102 0.83	<b>11</b>	0033 0.60	<b>26</b>	0059 0.99
	1023 1.46		1209 0.99		1054 1.34		0636 3.56		0624 3.75		0726 3.86		0650 4.15		0735 3.95
SU	1717 3.36	MO	1826 3.95	TU	1729 3.60	WE	1238 0.98	FR	1228 0.90	SA	1332 1.02	SU	1306 0.85	MO	1347 1.14
	2349 1.35						1843 3.86		1838 3.95		1930 3.64		1906 3.82		1944 3.48
<b>12</b>	0545 2.98	<b>27</b>	0050 0.77	<b>12</b>	0002 1.01	<b>27</b>	0103 0.72	<b>12</b>	0103 0.46	<b>27</b>	0134 0.77	<b>12</b>	0124 0.44	<b>27</b>	0133 0.91
	1127 1.24		0700 3.52		0604 3.31		0718 3.74		0711 4.07		0759 3.97		0739 4.40		0809 4.06
MO	1812 3.64	TU	1301 0.81	WE	1157 1.07	TH	1321 0.87	SA	1323 0.66	SU	1408 0.96	MO	1400 0.66	TU	1423 1.05
			1913 4.06		1822 3.86		1923 3.88		1928 4.04		2006 3.62		1959 3.85		2021 3.50
<b>13</b>	0038 1.06	<b>28</b>	0132 0.63	<b>13</b>	0050 0.71	<b>28</b>	0138 0.65	<b>13</b>	0149 0.27	<b>28</b>	0203 0.72	<b>13</b>	0213 0.33	<b>28</b>	0206 0.84
	0636 3.24		0742 3.68		0652 3.63		0753 3.84		0757 4.32		0830 4.04		0827 4.58		0841 4.13
TU	1224 1.00	WE	1344 0.69	TH	1252 0.79	FR	1358 0.80	SU	1413 0.48	MO	1442 0.92	TU	1451 0.52	WE	1458 0.99
	1858 3.90		1953 4.09		1910 4.07		1958 3.86		2015 4.06		2040 3.58		2051 3.84		2055 3.50
<b>14</b>	0121 0.79	<b>29</b>	0208 0.55	<b>14</b>	0134 0.44	<b>29</b>	0208 0.61	<b>14</b>	0233 0.17	<b>29</b>	0230 0.71	<b>14</b>	0259 0.31	<b>29</b>	0239 0.80
	0720 3.49		0818 3.76		0736 3.91		0824 3.91		0842 4.50		0900 4.07		0914 4.67		0912 4.17
WE	1316 0.76	TH	1422 0.64	FR	1343 0.55	SA	1432 0.78	MO	1502 0.37	TU	1515 0.91	WE	1540 0.47	TH	1533 0.95
	1940 4.12		2027 4.07		1954 4.20		2032 3.81	○	2102 4.01	●	2112 3.52	○	2140 3.79	●	2128 3.49
<b>15</b>	0203 0.54	<b>30</b>	0241 0.53	<b>15</b>	0216 0.24	<b>30</b>	0236 0.60	<b>15</b>	0317 0.17	<b>30</b>	0258 0.72	<b>15</b>	0345 0.37	<b>30</b>	0312 0.78
	0802 3.71		0851 3.81		0819 4.14		0854 3.95		0928 4.58		0929 4.06		1002 4.65		0945 4.18
TH	1403 0.54	FR	1455 0.63	SA	1431 0.37	SU	1503 0.78	TU	1550 0.37	WE	1548 0.94	TH	1628 0.51	FR	1609 0.94
	2021 4.27		2059 4.01		2037 4.25		2102 3.74		2151 3.89		2143 3.44		2229 3.70		2202 3.48
				<b>31</b>	0302 0.62									<b>31</b>	0347 0.81
					0922 3.96										1018 4.15
					MO 1534 0.82										SA 1645 0.96
					● 2132 3.63										2237 3.45

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

○ First Quarter

○ Full Moon

● Last Quarter