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# GLADSTONE – QUEENSLAND

LAT 23° 50' LONG 151° 15'

Times and Heights of High and Low Waters

# 2017

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> 0422 0.88		<b>16</b> 0537 0.97		<b>1</b> 0536 0.98		<b>16</b> 0020 3.53		<b>1</b> 0447 0.67		<b>16</b> 0513 1.13		<b>1</b> 0609 1.01		<b>16</b> 0553 1.48	
1054 4.10		1158 4.16		1156 4.05		0614 1.45		1058 4.25		1118 3.74		1215 3.58		1152 3.12	
SU 1723 1.01		MO 1816 0.98		WE 1824 0.99		TH 1230 3.58		WE 1721 0.71		TH 1716 1.11		SA 1823 1.10		SU 1725 1.42	
2314 3.41						1832 1.36		2324 4.07		2339 3.73					
<b>2</b> 0500 0.99		<b>17</b> 0024 3.47		<b>2</b> 0026 3.66		<b>17</b> 0059 3.37		<b>2</b> 0529 0.84		<b>17</b> 0542 1.36		<b>2</b> 0050 4.01		<b>17</b> 0018 3.53	
1132 4.02		0616 1.25		0621 1.19		0656 1.72		1139 4.03		1148 3.47		0708 1.28		0638 1.67	
MO 1804 1.07		TU 1238 3.90		TH 1243 3.84		FR 1312 3.30		TH 1800 0.89		FR 1739 1.30		SU 1317 3.29		MO 1238 2.92	
2356 3.36		1854 1.18		1911 1.13		1910 1.55						1921 1.37		1805 1.64	
<b>3</b> 0541 1.15		<b>18</b> 0109 3.32		<b>3</b> 0122 3.58		<b>18</b> 0152 3.23		<b>3</b> 0009 3.97		<b>18</b> 0012 3.56		<b>3</b> 0157 3.83		<b>18</b> 0111 3.36	
1216 3.90		0659 1.53		0719 1.42		0809 1.93		0614 1.09		0617 1.61		0826 1.46		0745 1.80	
TU 1849 1.15		WE 1321 3.63		FR 1339 3.61		SA 1409 3.07		FR 1224 3.75		SA 1226 3.21		MO 1437 3.11		TU 1346 2.79	
		1935 1.36		2008 1.26		2010 1.71		1843 1.11		1808 1.51		2043 1.54		1912 1.83	
<b>4</b> 0047 3.31		<b>19</b> 0201 3.20		<b>4</b> 0233 3.54		<b>19</b> 0309 3.17		<b>4</b> 0103 3.83		<b>19</b> 0056 3.38		<b>4</b> 0318 3.75		<b>19</b> 0224 3.28	
0631 1.32		0801 1.77		0841 1.59		0953 1.96		0710 1.37		0710 1.84		0956 1.45		0919 1.78	
WE 1307 3.77		TH 1410 3.38		SA 1451 3.41		SU 1525 2.94		SA 1322 3.46		SU 1317 2.97		TU 1611 3.13		WE 1512 2.80	
1942 1.21		2026 1.49		2121 1.31		2131 1.76		1939 1.33		1855 1.73		2213 1.52		2053 1.87	
<b>5</b> 0149 3.29		<b>20</b> 0309 3.15		<b>5</b> 0355 3.62		<b>20</b> 0444 3.27		<b>5</b> 0210 3.70		<b>20</b> 0200 3.23		<b>5</b> 0442 3.82		<b>20</b> 0346 3.34	
0739 1.48		0925 1.87		1015 1.58		1113 1.81		0829 1.57		0845 1.96		1119 1.26		1037 1.59	
TH 1408 3.64		FR 1511 3.21		SU 1616 3.32		MO 1701 2.97		SU 1438 3.23		MO 1432 2.81		WE 1734 3.35		TH 1636 2.99	
2046 1.22		2131 1.55		2239 1.25		2248 1.67		2057 1.46		2017 1.89		2334 1.34		2221 1.72	
<b>6</b> 0305 3.37		<b>21</b> 0432 3.23		<b>6</b> 0516 3.83		<b>21</b> 0552 3.49		<b>6</b> 0335 3.68		<b>21</b> 0326 3.21		<b>6</b> 0553 3.98		<b>21</b> 0458 3.53	
0905 1.55		1045 1.81		1140 1.39		1212 1.58		1006 1.57		1025 1.86		1221 1.03		1135 1.32	
FR 1520 3.55		SA 1627 3.13		MO 1743 3.38		TU 1810 3.14		MO 1613 3.17		TU 1606 2.83		TH 1835 3.62		FR 1740 3.28	
2157 1.15		2237 1.50		2353 1.10		2351 1.50		2223 1.44		2153 1.85				2331 1.47	
<b>7</b> 0423 3.56		<b>22</b> 0539 3.43		<b>7</b> 0624 4.11		<b>22</b> 0640 3.74		<b>7</b> 0501 3.82		<b>22</b> 0453 3.36		<b>7</b> 0037 1.12		<b>22</b> 0556 3.75	
1032 1.47		1151 1.65		1249 1.12		1257 1.36		1134 1.37		1131 1.63		0647 4.12		1224 1.05	
SA 1635 3.52		SU 1741 3.17		TU 1853 3.53		WE 1858 3.34		TU 1744 3.32		WE 1731 3.04		FR 1309 0.84		SA 1831 3.60	
2305 1.01		2336 1.39						2346 1.27		2309 1.66		1923 3.83			
<b>8</b> 0534 3.85		<b>23</b> 0630 3.66		<b>8</b> 0059 0.91		<b>23</b> 0043 1.29		<b>8</b> 0613 4.06		<b>23</b> 0555 3.60		<b>8</b> 0125 0.93		<b>23</b> 0030 1.19	
1149 1.27		1242 1.46		0721 4.35		0719 3.96		1240 1.09		1221 1.37		0732 4.18		0645 3.96	
SU 1748 3.55		MO 1838 3.28		WE 1344 0.88		TH 1337 1.15		WE 1850 3.56		TH 1824 3.30		SA 1349 0.73		SU 1309 0.79	
				1949 3.69		1938 3.52						2003 3.97		1916 3.89	
<b>9</b> 0009 0.85		<b>24</b> 0025 1.25		<b>9</b> 0152 0.73		<b>24</b> 0128 1.09		<b>9</b> 0052 1.04		<b>24</b> 0011 1.42		<b>9</b> 0207 0.82		<b>24</b> 0121 0.93	
0635 4.15		0711 3.87		0810 4.51		0756 4.14		0710 4.27		0642 3.85		0810 4.18		0731 4.10	
MO 1254 1.04		TU 1324 1.28		TH 1431 0.70		FR 1415 0.97		TH 1330 0.86		FR 1304 1.12		SU 1424 0.69		MO 1352 0.57	
1854 3.63		1923 3.39		2036 3.81		2015 3.68		1941 3.76		1907 3.56		2037 4.05		1958 4.16	
<b>10</b> 0107 0.69		<b>25</b> 0108 1.11		<b>10</b> 0239 0.60		<b>25</b> 0209 0.89		<b>10</b> 0143 0.84		<b>25</b> 0102 1.16		<b>10</b> 0243 0.78		<b>25</b> 0209 0.70	
0728 4.40		0747 4.03		0853 4.59		0832 4.28		0756 4.39		0724 4.07		0845 4.14		0815 4.19	
TU 1351 0.82		WE 1402 1.13		FR 1514 0.61		SA 1452 0.80		FR 1413 0.71		SA 1344 0.88		MO 1457 0.68		TU 1434 0.42	
1952 3.71		2002 3.49		2118 3.90		2052 3.83		2023 3.91		1947 3.80		2109 4.10		2041 4.37	
<b>11</b> 0159 0.55		<b>26</b> 0147 0.98		<b>11</b> 0321 0.55		<b>26</b> 0249 0.73		<b>11</b> 0226 0.70		<b>26</b> 0147 0.91		<b>11</b> 0317 0.78		<b>26</b> 0255 0.54	
0817 4.58		0821 4.16		0933 4.59		0907 4.37		0835 4.43		0803 4.23		0917 4.05		0858 4.19	
WE 1442 0.65		TH 1439 1.01		SA 1553 0.59		SU 1529 0.68		SA 1452 0.64		SU 1424 0.68		TU 1526 0.72		WE 1515 0.35	
2043 3.77		2038 3.57		2157 3.93		2128 3.96		2100 4.00		2026 4.01		2140 4.10		2124 4.52	
<b>12</b> 0248 0.47		<b>27</b> 0224 0.86		<b>12</b> 0400 0.59		<b>27</b> 0328 0.62		<b>12</b> 0304 0.64		<b>27</b> 0230 0.70		<b>12</b> 0350 0.84		<b>27</b> 0340 0.47	
0904 4.67		0855 4.25		1011 4.51		0943 4.41		0911 4.41		0842 4.34		0949 3.93		0941 4.12	
TH 1529 0.56		FR 1515 0.91		SU 1630 0.65		MO 1606 0.60		SU 1527 0.63		MO 1502 0.52		WE 1552 0.80		TH 1556 0.38	
2131 3.80		2112 3.64		2235 3.90		2204 4.06		2135 4.04		2105 4.20		2209 4.07		2207 4.58	
<b>13</b> 0333 0.47		<b>28</b> 0302 0.77		<b>13</b> 0437 0.72		<b>28</b> 0408 0.59		<b>13</b> 0340 0.67		<b>28</b> 0312 0.55		<b>13</b> 0420 0.95		<b>28</b> 0426 0.52	
0949 4.67		0928 4.31		1048 4.35		1020 4.38		0945 4.32		0921 4.37		1018 3.76		1027 3.95	
FR 1613 0.55		SA 1552 0.83		MO 1704 0.78		TU 1643 0.61		MO 1559 0.68		TU 1541 0.44		TH 1615 0.91		FR 1638 0.53	
2216 3.79		2147 3.70		2311 3.82		2243 4.10		2208 4.03		2144 4.33		2237 3.98		2254 4.52	
<b>14</b> 0417 0.55		<b>29</b> 0340 0.72		<b>14</b> 0510 0.93		<b>29</b> 0328 0.62		<b>14</b> 0413 0.76		<b>29</b> 0354 0.50		<b>14</b> 0449 1.10		<b>29</b> 0514 0.67	
1033 4.58		1003 4.33		1122 4.12		1122 4.12		1018 4.18		1000 4.31		1047 3.56		1117 3.72	
SA 1656 0.63		SU 1628 0.79		TU 1736 0.96		2346 3.69		TU 1629 0.79		WE 1619 0.46		FR 1636 1.05		SA 1722 0.77	
2259 3.73		2223 3.75						2239 3.98		2225 4.39		2306 3.86		2344 4.36	
<b>15</b> 0458 0.73		<b>30</b> 0417 0.73		<b>15</b> 0541 1.18		<b>30</b> 0437 0.57		<b>15</b> 0444 0.93		<b>30</b> 0437 0.57		<b>15</b> 0520 1.28		<b>30</b> 0605 0.89	
1116 4.40		1038 4.30		1155 3.86		1041 4.14		1049 3.97		1041 4.14		1117 3.34		1211 3.46	
SU 1736 0.78		MO 1706 0.81		WE 1803 1.16		1658 0.59		WE 1654 0.94		TH 1658 0.59		SA 1658 1.22		SU 1810 1.06	
2342 3.61		2300 3.75						2310 3.87		2308 4.34		2339 3.70			
		<b>31</b> 0456 0.82								<b>31</b> 0520 0.75					
		1115 4.21								1125 3.89					
		TU 1743 0.88								FR 1739 0.82					
		2341 3.72								2355 4.21					

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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

# 2017

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> 0040 4.15		<b>16</b> 0618 1.46		<b>1</b> 0230 3.83		<b>16</b> 0105 3.59		<b>1</b> 0248 3.54		<b>16</b> 0130 3.55		<b>1</b> 0406 2.99		<b>16</b> 0332 3.11	
0705 1.12		1213 2.96		0858 1.16		0743 1.32		0912 1.19		0808 1.13		1014 1.36		0958 1.12	
MO 1315 3.23		TU 1739 1.47		TH 1520 3.20		FR 1348 3.04		SA 1546 3.23		SU 1424 3.27		TU 1717 3.32		WE 1635 3.62	
1912 1.34				☉ 2121 1.49		1925 1.53		☉ 2152 1.58		2016 1.47		2336 1.54		2301 1.32	
<b>2</b> 0145 3.95		<b>17</b> 0038 3.53		<b>2</b> 0335 3.70		<b>17</b> 0207 3.53		<b>2</b> 0350 3.37		<b>17</b> 0236 3.42		<b>2</b> 0523 3.00		<b>17</b> 0501 3.14	
0815 1.27		0712 1.56		1005 1.15		0848 1.27		1012 1.21		0915 1.11		1115 1.28		1112 0.99	
TU 1430 3.12		WE 1311 2.87		FR 1632 3.32		SA 1501 3.14		SU 1654 3.35		MO 1540 3.40		WE 1813 3.53		TH 1748 3.88	
2031 1.50		1836 1.64		2236 1.46		☉ 2050 1.56		2305 1.53		☉ 2147 1.47					
<b>3</b> 0258 3.82		<b>18</b> 0139 3.43		<b>3</b> 0439 3.63		<b>18</b> 0317 3.51		<b>3</b> 0455 3.29		<b>18</b> 0352 3.35		<b>3</b> 0031 1.34		<b>18</b> 0017 1.05	
0933 1.28		0822 1.57		1107 1.09		0956 1.14		1110 1.17		1024 1.00		0623 3.10		0619 3.29	
WE 1553 3.17		TH 1425 2.88		SA 1735 3.51		SU 1614 3.35		MO 1753 3.52		TU 1654 3.63		TH 1209 1.17		FR 1222 0.81	
☉ 2153 1.51		2001 1.73		2341 1.35		2215 1.46				2310 1.31		1857 3.72		1850 4.15	
<b>4</b> 0413 3.79		<b>19</b> 0252 3.43		<b>4</b> 0538 3.60		<b>19</b> 0425 3.54		<b>4</b> 0005 1.40		<b>19</b> 0508 3.36		<b>4</b> 0115 1.16		<b>19</b> 0117 0.76	
1049 1.18		0938 1.45		1200 1.01		1059 0.95		0555 3.28		1129 0.85		0710 3.20		0720 3.47	
TH 1709 3.37		FR 1545 3.03		SU 1826 3.70		MO 1720 3.64		TU 1200 1.10		WE 1800 3.92		FR 1253 1.05		SA 1323 0.61	
2310 1.38		☉ 2133 1.66				2329 1.25		1841 3.70				1936 3.87		1943 4.36	
<b>5</b> 0520 3.84		<b>20</b> 0404 3.52		<b>5</b> 0034 1.23		<b>20</b> 0532 3.60		<b>5</b> 0054 1.25		<b>20</b> 0022 1.07		<b>5</b> 0153 1.02		<b>20</b> 0207 0.53	
1150 1.02		1044 1.23		0628 3.59		1158 0.76		0645 3.31		0619 3.43		0750 3.29		0810 3.62	
FR 1809 3.61		SA 1655 3.31		MO 1243 0.94		TU 1819 3.96		WE 1243 1.02		TH 1231 0.70		SA 1332 0.93		SU 1414 0.45	
		2251 1.47		1909 3.85				1922 3.85		1859 4.20		2010 3.98		2029 4.49	
<b>6</b> 0012 1.21		<b>21</b> 0508 3.66		<b>6</b> 0118 1.12		<b>21</b> 0035 1.02		<b>6</b> 0137 1.13		<b>21</b> 0123 0.81		<b>6</b> 0228 0.90		<b>21</b> 0252 0.38	
0616 3.89		1141 0.98		0712 3.58		0633 3.67		0730 3.34		0722 3.52		0825 3.37		0855 3.73	
SA 1238 0.89		SU 1753 3.63		TU 1318 0.88		WE 1252 0.59		TH 1319 0.95		FR 1330 0.55		SU 1410 0.83		MO 1500 0.36	
1857 3.81		2358 1.22		1947 3.96		1912 4.24		1958 3.96		1951 4.42		2043 4.06		2112 4.52	
<b>7</b> 0102 1.07		<b>22</b> 0607 3.81		<b>7</b> 0158 1.04		<b>22</b> 0133 0.79		<b>7</b> 0214 1.03		<b>22</b> 0217 0.59		<b>7</b> 0302 0.81		<b>22</b> 0333 0.32	
0702 3.90		1233 0.74		0751 3.56		0730 3.71		0809 3.36		0817 3.61		0859 3.43		0938 3.79	
SU 1318 0.81		MO 1845 3.95		WE 1350 0.85		TH 1344 0.45		FR 1353 0.89		SA 1422 0.42		MO 1446 0.74		TU 1542 0.35	
1937 3.95				2020 4.03		2002 4.46		2031 4.02		2041 4.56		2114 4.11		☉ 2153 4.46	
<b>8</b> 0143 0.97		<b>23</b> 0056 0.96		<b>8</b> 0234 0.99		<b>23</b> 0227 0.60		<b>8</b> 0249 0.96		<b>23</b> 0307 0.44		<b>8</b> 0336 0.73		<b>23</b> 0413 0.35	
0742 3.88		0659 3.91		0829 3.52		0824 3.73		0845 3.37		0907 3.67		0932 3.48		1018 3.79	
MO 1354 0.77		TU 1321 0.54		TH 1419 0.83		FR 1434 0.37		SA 1425 0.84		SU 1512 0.36		TU 1523 0.68		WE 1622 0.45	
2012 4.04		1933 4.24		2051 4.07		2051 4.61		2102 4.06		☉ 2128 4.62		☉ 2147 4.13		2232 4.31	
<b>9</b> 0220 0.92		<b>24</b> 0149 0.74		<b>9</b> 0307 0.97		<b>24</b> 0317 0.47		<b>9</b> 0323 0.92		<b>24</b> 0352 0.36		<b>9</b> 0411 0.69		<b>24</b> 0449 0.46	
0817 3.83		0749 3.96		0902 3.47		0916 3.73		0918 3.36		0955 3.71		1006 3.53		1058 3.73	
TU 1424 0.76		WE 1407 0.40		FR 1447 0.83		SA 1522 0.36		SU 1459 0.81		MO 1558 0.37		WE 1559 0.67		TH 1700 0.65	
2043 4.09		2019 4.46		☉ 2121 4.07		☉ 2140 4.67		☉ 2133 4.07		2213 4.58		2221 4.10		2310 4.08	
<b>10</b> 0255 0.90		<b>25</b> 0239 0.57		<b>10</b> 0340 0.98		<b>25</b> 0406 0.43		<b>10</b> 0357 0.90		<b>25</b> 0437 0.38		<b>10</b> 0446 0.69		<b>25</b> 0524 0.65	
0851 3.77		0838 3.96		0935 3.40		1007 3.69		0950 3.35		1042 3.69		1042 3.55		1137 3.61	
WE 1451 0.77		TH 1452 0.33		SA 1515 0.86		SU 1611 0.43		MO 1533 0.81		TU 1642 0.48		TH 1637 0.72		FR 1736 0.92	
2114 4.11		2105 4.61		2151 4.04		2229 4.62		2205 4.05		2258 4.45		2255 4.03		2346 3.78	
<b>11</b> 0327 0.92		<b>26</b> 0328 0.47		<b>11</b> 0413 1.01		<b>26</b> 0454 0.47		<b>11</b> 0431 0.90		<b>26</b> 0520 0.50		<b>11</b> 0522 0.74		<b>26</b> 0555 0.88	
0924 3.67		0926 3.90		1006 3.33		1058 3.62		1024 3.34		1127 3.62		1120 3.54		1216 3.45	
TH 1517 0.82		FR 1536 0.36		SU 1545 0.92		MO 1658 0.58		TU 1608 0.84		WE 1724 0.69		FR 1715 0.84		SA 1812 1.22	
☉ 2143 4.09		☉ 2152 4.66		2222 3.98		2319 4.49		2239 4.01		2342 4.22		2332 3.88			
<b>12</b> 0358 0.98		<b>27</b> 0416 0.48		<b>12</b> 0447 1.07		<b>27</b> 0543 0.59		<b>12</b> 0506 0.93		<b>27</b> 0600 0.68		<b>12</b> 0559 0.84		<b>27</b> 0021 3.46	
0954 3.55		1017 3.78		1039 3.24		1150 3.51		1059 3.32		1212 3.50		1203 3.50		0626 1.11	
FR 1541 0.89		SA 1622 0.48		MO 1616 1.00		TU 1746 0.81		WE 1644 0.92		TH 1807 0.96		SA 1757 1.02		SU 1257 3.29	
2211 4.03		2242 4.60		2256 3.90				2314 3.93					1853 1.50		
<b>13</b> 0430 1.07		<b>28</b> 0506 0.58		<b>13</b> 0522 1.15		<b>28</b> 0009 4.28		<b>13</b> 0543 0.98		<b>28</b> 0024 3.93		<b>13</b> 0012 3.69		<b>28</b> 0102 3.16	
1024 3.40		1109 3.62		1115 3.16		0631 0.77		1139 3.29		0641 0.89		0641 0.96		0702 1.32	
SA 1605 0.99		SU 1710 0.69		TU 1649 1.12		WE 1242 3.39		TH 1722 1.04		FR 1258 3.36		SU 1254 3.44		MO 1349 3.14	
2241 3.93		2333 4.45		2332 3.80		1836 1.07		2353 3.83		1851 1.26		1846 1.24		2000 1.73	
<b>14</b> 0501 1.19		<b>29</b> 0558 0.74		<b>14</b> 0602 1.23		<b>29</b> 0100 4.02		<b>14</b> 0624 1.04		<b>29</b> 0108 3.63		<b>14</b> 0102 3.46		<b>29</b> 0156 2.90	
1055 3.25		1205 3.44		1155 3.09		0721 0.95		1224 3.25		0723 1.10		0732 1.08		0758 1.49	
SU 1631 1.13		MO 1800 0.95		WE 1728 1.26		TH 1337 3.28		FR 1806 1.19		SA 1349 3.23		MO 1357 3.40		TU 1500 3.07	
2314 3.81						1932 1.32				1946 1.53		1956 1.43		☉ 2138 1.78	
<b>15</b> 0536 1.33		<b>30</b> 0028 4.24		<b>15</b> 0014 3.69		<b>30</b> 0153 3.76		<b>15</b> 0037 3.69		<b>30</b> 0156 3.34		<b>15</b> 0208 3.24		<b>30</b> 0313 2.74	
1130 3.09		0653 0.93		0647 1.30		0815 1.10		0711 1.10		0811 1.27		0841 1.15		0919 1.56	
MO 1701 1.29		TU 1304 3.28		TH 1245 3.04		FR 1438 3.21		SA 1318 3.23		SU 1450 3.15		TU 1514 3.44		WE 1628 3.15	
2352 3.66		1859 1.21		1817 1.41		2039 1.51		1901 1.35		2101 1.69		☉ 2130 1.48		2304 1.63	
		<b>31</b> 0127 4.02								<b>31</b> 0253 3.11				<b>31</b> 0451 2.77	
		0754 1.08								0910 1.36				1034 1.49	
		WE 1409 3.19								MO 1604 3.18				TH 1739 3.35	
		2007 1.41								☉ 2225 1.68					

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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

# 2017

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> 0005	1.40	<b>16</b> 0010	0.96	<b>1</b> 0012	1.21	<b>16</b> 0045	0.65	<b>1</b> 0052	0.74	<b>16</b> 0137	0.60	<b>1</b> 0059	0.59	<b>16</b> 0142	0.82
0600	2.94	0618	3.32	0615	3.09	0658	3.68	0659	3.69	0755	4.01	0713	4.08	0808	4.09
FR 1138	1.33	SA 1217	0.88	SU 1157	1.27	MO 1259	0.75	WE 1259	0.91	TH 1404	0.80	FR 1325	0.83	SA 1423	0.99
1828	3.57	1840	4.11	1829	3.66	1909	4.11	1912	3.91	2001	3.81	1928	3.84	2017	3.55
<b>2</b> 0048	1.18	<b>17</b> 0105	0.67	<b>2</b> 0052	0.96	<b>17</b> 0128	0.50	<b>2</b> 0132	0.52	<b>17</b> 0210	0.59	<b>2</b> 0144	0.42	<b>17</b> 0212	0.80
0647	3.13	0713	3.56	0654	3.34	0740	3.85	0739	3.95	0829	4.07	0758	4.34	0841	4.13
SA 1228	1.15	SU 1314	0.66	MO 1244	1.04	TU 1344	0.63	TH 1347	0.70	FR 1441	0.79	SA 1415	0.65	SU 1458	0.96
1907	3.77	1930	4.28	1909	3.86	1950	4.13	1954	3.99	2037	3.73	2015	3.86	2053	3.52
<b>3</b> 0126	0.98	<b>18</b> 0151	0.47	<b>3</b> 0129	0.74	<b>18</b> 0206	0.43	<b>3</b> 0213	0.36	<b>18</b> 0240	0.61	<b>3</b> 0228	0.33	<b>18</b> 0239	0.81
0726	3.30	0758	3.74	0731	3.57	0817	3.95	0820	4.17	0901	4.09	0843	4.52	0912	4.13
SU 1312	0.97	MO 1401	0.50	TU 1328	0.82	WE 1424	0.57	FR 1432	0.54	SA 1516	0.82	SU 1505	0.52	MO 1532	0.97
1943	3.93	2013	4.34	1947	4.01	2027	4.08	2036	4.01	● 2112	3.64	2103	3.84	● 2126	3.46
<b>4</b> 0201	0.81	<b>19</b> 0232	0.36	<b>4</b> 0206	0.56	<b>19</b> 0241	0.42	<b>4</b> 0252	0.27	<b>19</b> 0307	0.67	<b>4</b> 0312	0.31	<b>19</b> 0306	0.83
0801	3.45	0839	3.85	0808	3.77	0852	4.01	0901	4.33	0932	4.07	0928	4.61	0942	4.10
MO 1351	0.80	TU 1443	0.42	WE 1410	0.64	TH 1501	0.58	SA 1517	0.46	SU 1550	0.88	MO 1553	0.48	TU 1604	1.01
2017	4.05	2051	4.33	2024	4.10	2101	3.98	○ 2118	3.96	2144	3.51	○ 2152	3.76	2157	3.39
<b>5</b> 0236	0.67	<b>20</b> 0309	0.33	<b>5</b> 0242	0.41	<b>20</b> 0312	0.47	<b>5</b> 0332	0.27	<b>20</b> 0331	0.76	<b>5</b> 0357	0.38	<b>20</b> 0333	0.88
0835	3.58	0916	3.90	0845	3.93	0925	4.01	0943	4.41	1002	4.00	1016	4.61	1011	4.04
TU 1430	0.66	WE 1522	0.42	TH 1451	0.51	FR 1536	0.65	SU 1602	0.46	MO 1622	0.99	TU 1642	0.52	WE 1637	1.07
2051	4.14	● 2128	4.25	2100	4.13	● 2135	3.85	2202	3.83	2214	3.36	2242	3.64	2228	3.32
<b>6</b> 0311	0.55	<b>21</b> 0343	0.37	<b>6</b> 0319	0.32	<b>21</b> 0340	0.56	<b>6</b> 0412	0.38	<b>21</b> 0353	0.87	<b>6</b> 0444	0.55	<b>21</b> 0402	0.96
0910	3.69	0952	3.91	0923	4.06	0957	3.97	1028	4.39	1032	3.90	1107	4.51	1043	3.96
WE 1509	0.56	TH 1559	0.52	FR 1532	0.45	SA 1610	0.78	MO 1649	0.57	TU 1654	1.11	WE 1733	0.64	TH 1710	1.14
○ 2125	4.17	2203	4.09	○ 2138	4.08	2207	3.66	2249	3.63	2244	3.20	2335	3.49	2300	3.23
<b>7</b> 0346	0.48	<b>22</b> 0416	0.49	<b>7</b> 0356	0.32	<b>22</b> 0405	0.70	<b>7</b> 0455	0.59	<b>22</b> 0417	1.01	<b>7</b> 0533	0.79	<b>22</b> 0433	1.08
0945	3.78	1027	3.85	1002	4.13	1028	3.88	1117	4.28	1103	3.77	1201	4.34	1118	3.86
TH 1547	0.52	FR 1634	0.69	SA 1613	0.48	SU 1642	0.95	TU 1740	0.75	WE 1728	1.25	TH 1826	0.80	FR 1746	1.24
2159	4.14	2237	3.87	2216	3.95	2238	3.44	2341	3.39	2317	3.05	2336	3.15	2336	3.15
<b>8</b> 0422	0.47	<b>23</b> 0444	0.66	<b>8</b> 0433	0.43	<b>23</b> 0425	0.87	<b>8</b> 0541	0.86	<b>23</b> 0445	1.18	<b>8</b> 0033	3.33	<b>23</b> 0508	1.22
1023	3.83	1101	3.74	1044	4.12	1058	3.74	1212	4.11	1141	3.62	0628	1.05	1157	3.74
FR 1626	0.57	SA 1706	0.92	SU 1657	0.62	MO 1713	1.14	WE 1836	0.96	TH 1807	1.39	FR 1259	4.14	SA 1826	1.33
2235	4.03	2308	3.60	2258	3.72	2308	3.21	2357	2.90	2357	2.90	1924	0.97	1924	0.97
<b>9</b> 0458	0.55	<b>24</b> 0509	0.87	<b>9</b> 0512	0.62	<b>24</b> 0446	1.05	<b>9</b> 0041	3.15	<b>24</b> 0520	1.37	<b>9</b> 0136	3.22	<b>24</b> 0020	3.07
1102	3.82	1134	3.58	1129	4.02	1132	3.58	0639	1.14	1226	3.47	0733	1.28	0551	1.40
SA 1706	0.70	SU 1739	1.18	MO 1743	0.84	TU 1748	1.35	TH 1316	3.92	FR 1856	1.51	SA 1401	3.94	SU 1242	3.62
2313	3.84	2340	3.31	2344	3.44	2340	2.97	1942	1.12	2026	1.08	2026	1.08	1914	1.40
<b>10</b> 0534	0.69	<b>25</b> 0530	1.09	<b>10</b> 0554	0.88	<b>25</b> 0510	1.25	<b>10</b> 0154	3.01	<b>25</b> 0050	2.78	<b>10</b> 0246	3.19	<b>25</b> 0115	3.02
1145	3.76	1209	3.41	1222	3.87	1211	3.40	0755	1.34	0610	1.57	0847	1.42	0647	1.57
SU 1748	0.92	MO 1814	1.44	TU 1838	1.09	WE 1831	1.54	FR 1427	3.80	SA 1322	3.36	SU 1505	3.79	MO 1337	3.51
2355	3.58							2058	1.17	1959	1.56	● 2133	1.12	2014	1.41
<b>11</b> 0614	0.89	<b>26</b> 0015	3.02	<b>11</b> 0041	3.15	<b>26</b> 0025	2.76	<b>11</b> 0317	3.03	<b>26</b> 0201	2.75	<b>11</b> 0400	3.28	<b>26</b> 0225	3.04
1236	3.65	0557	1.31	0647	1.15	0547	1.49	0918	1.38	0730	1.73	1003	1.44	0808	1.68
MO 1840	1.17	TU 1254	3.23	WE 1326	3.71	TH 1304	3.24	SA 1540	3.77	SU 1430	3.33	MO 1610	3.68	TU 1443	3.45
		1906	1.67	1949	1.29	1935	1.69	● 2215	1.08	2115	1.49	2239	1.08	● 2124	1.34
<b>12</b> 0046	3.29	<b>27</b> 0106	2.76	<b>12</b> 0158	2.93	<b>27</b> 0130	2.61	<b>12</b> 0437	3.22	<b>27</b> 0322	2.85	<b>12</b> 0509	3.46	<b>27</b> 0343	3.20
0705	1.10	0641	1.54	0807	1.34	0651	1.71	1036	1.27	0907	1.72	1114	1.36	0940	1.65
TU 1338	3.54	WE 1356	3.09	TH 1444	3.64	FR 1414	3.15	SU 1649	3.81	MO 1540	3.38	TU 1712	3.63	WE 1552	3.45
1950	1.39	2039	1.79	● 2117	1.31	2109	1.68	2322	0.92	● 2224	1.31	2339	1.00	2230	1.18
<b>13</b> 0157	3.03	<b>28</b> 0221	2.60	<b>13</b> 0332	2.91	<b>28</b> 0258	2.60	<b>13</b> 0543	3.49	<b>28</b> 0435	3.11	<b>13</b> 0607	3.68	<b>28</b> 0455	3.48
0819	1.26	0805	1.71	0936	1.34	0838	1.78	1143	1.11	1029	1.55	1213	1.24	1100	1.48
WE 1457	3.51	TH 1517	3.07	FR 1606	3.70	SA 1532	3.19	MO 1750	3.86	TU 1645	3.51	WE 1808	3.61	TH 1702	3.50
● 2124	1.44	● 2218	1.69	2244	1.14	● 2227	1.51			2321	1.06			2332	0.98
<b>14</b> 0331	2.93	<b>29</b> 0402	2.62	<b>14</b> 0500	3.12	<b>29</b> 0427	2.78	<b>14</b> 0016	0.76	<b>29</b> 0535	3.44	<b>14</b> 0027	0.92	<b>29</b> 0557	3.81
0944	1.25	0947	1.68	1057	1.18	1010	1.64	0635	3.73	1134	1.31	0654	3.87	1207	1.24
TH 1622	3.64	FR 1644	3.20	SA 1720	3.86	SU 1642	3.36	TU 1238	0.95	WE 1743	3.65	TH 1302	1.12	FR 1807	3.58
2257	1.25	2324	1.46	2353	0.88	2323	1.26	1840	3.88			1856	3.59		
<b>15</b> 0506	3.06	<b>30</b> 0526	2.83	<b>15</b> 0607	3.42	<b>30</b> 0529	3.08	<b>15</b> 0100	0.65	<b>30</b> 0012	0.81	<b>15</b> 0107	0.85	<b>30</b> 0027	0.78
1106	1.10	1101	1.50	1205	0.95	1115	1.41	0718	3.90	0626	3.78	0733	4.00	0651	4.14
FR 1738	3.87	SA 1744	3.43	SU 1819	4.02	MO 1739	3.57	WE 1323	0.85	TH 1232	1.06	FR 1344	1.04	SA 1307	0.99
								1923	3.86	1837	3.76	1939	3.58	1907	3.67
				<b>31</b> 0009	0.99									<b>31</b> 0120	0.60
				0617	3.39									0741	4.41
				TU 1210	1.15									SU 1403	0.77
				1828	3.76									2001	3.74

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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