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# PIRATES BAY – TASMANIA

LAT 43° 2' S LONG 147° 58' E

Times and Heights of High and Low Waters

# 2023

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> 0418 0.81 1038 0.29 SU 1634 0.71 2230 0.28	<b>16</b> 0415 0.87 1102 0.21 MO 1706 0.65 2228 0.34	<b>2</b> 0459 0.86 1140 0.22 MO 1741 0.67 2312 0.32	<b>17</b> 0457 0.92 1200 0.15 TU 1812 0.63 2310 0.37	<b>3</b> 0540 0.91 1237 0.15 TU 1845 0.65 2352 0.35	<b>18</b> 0540 0.96 1254 0.09 WE 1914 0.62 2353 0.40	<b>4</b> 0621 0.96 1330 0.10 WE 1945 0.63	<b>19</b> 0623 0.99 1345 0.04 TH 2011 0.62	<b>5</b> 0033 0.38 0702 0.99 TH 1420 0.05 2043 0.62	<b>20</b> 0037 0.42 0707 1.02 FR 1432 0.01 2103 0.62	<b>6</b> 0115 0.41 0745 1.02 FR 1508 0.02 2136 0.62	<b>21</b> 0123 0.43 0751 1.03 SA 1518 0.00 2151 0.62	<b>7</b> 0159 0.42 0829 1.03 SA 1555 0.01 2227 0.62	<b>22</b> 0212 0.44 0837 1.02 SU 1602 0.01 2236 0.64	<b>8</b> 0245 0.43 0914 1.02 SU 1641 0.01 2314 0.62	<b>23</b> 0303 0.43 0925 1.00 MO 1646 0.03 2319 0.65	<b>9</b> 0335 0.44 1000 1.00 MO 1725 0.03	<b>24</b> 0359 0.43 1015 0.96 TU 1729 0.06	<b>10</b> 0000 0.64 0430 0.44 TU 1050 0.96 1810 0.06	<b>25</b> 0001 0.68 0458 0.41 WE 1107 0.90 1811 0.11	<b>11</b> 0044 0.66 0530 0.43 WE 1143 0.91 1853 0.10	<b>26</b> 0043 0.71 0600 0.39 TH 1203 0.84 1853 0.16	<b>12</b> 0127 0.69 0636 0.41 TH 1240 0.85 1937 0.15	<b>27</b> 0124 0.74 0707 0.36 FR 1304 0.78 1935 0.21	<b>13</b> 0209 0.73 0745 0.38 FR 1342 0.79 2020 0.20	<b>28</b> 0205 0.78 0815 0.31 SA 1410 0.72 2017 0.26	<b>14</b> 0251 0.77 0853 0.33 SA 1448 0.73 2102 0.25	<b>29</b> 0247 0.83 0921 0.26 SU 1519 0.67 2100 0.31	<b>15</b> 0333 0.82 1000 0.27 SU 1557 0.69 2145 0.30	<b>30</b> 0330 0.88 1024 0.20 MO 1630 0.64 2143 0.36	<b>31</b> 0414 0.92 1123 0.14 TU 1738 0.62 2227 0.39	<b>1</b> 0458 0.96 1217 0.08 WE 1841 0.61 2312 0.42	<b>16</b> 0501 0.99 1230 0.04 TH 1904 0.61 2318 0.45	<b>2</b> 0543 0.99 1308 0.04 TH 1938 0.61 2359 0.43	<b>17</b> 0548 1.01 1318 0.01 FR 1956 0.62	<b>3</b> 0628 1.01 1356 0.01 FR 2030 0.62	<b>18</b> 0010 0.45 0636 1.01 SA 1404 0.00 2041 0.64	<b>4</b> 0046 0.44 0714 1.02 SA 1441 0.00 2116 0.63	<b>19</b> 0103 0.45 0724 1.00 SU 1447 0.01 2123 0.66	<b>5</b> 0137 0.44 0800 1.01 SU 1525 0.01 2200 0.65	<b>20</b> 0159 0.43 0814 0.98 MO 1529 0.03 2202 0.68	<b>6</b> 0230 0.43 0849 0.99 MO 1607 0.03 2241 0.67	<b>21</b> 0255 0.41 0904 0.93 TU 1610 0.07 2240 0.71	<b>7</b> 0327 0.42 0939 0.95 TU 1649 0.07 2320 0.69	<b>22</b> 0353 0.39 0957 0.88 WE 1649 0.12 2318 0.75	<b>8</b> 0425 0.40 1031 0.89 WE 1730 0.11	<b>23</b> 0454 0.35 1052 0.82 TH 1729 0.17 2357 0.78	<b>9</b> 0000 0.73 0527 0.37 TH 1127 0.83 1810 0.16	<b>24</b> 0556 0.32 1152 0.76 FR 1807 0.23	<b>10</b> 0039 0.76 0631 0.34 FR 1228 0.77 1851 0.22	<b>25</b> 0036 0.82 0700 0.27 SA 1256 0.70 1846 0.28	<b>11</b> 0120 0.80 0737 0.29 SA 1332 0.71 1931 0.28	<b>26</b> 0117 0.87 0803 0.22 SU 1404 0.65 1928 0.34	<b>12</b> 0201 0.85 0843 0.24 SU 1442 0.66 2013 0.33	<b>27</b> 0200 0.90 0906 0.17 MO 1515 0.61 2010 0.38	<b>13</b> 0245 0.89 0945 0.18 MO 1553 0.62 2056 0.37	<b>28</b> 0245 0.94 1005 0.12 TU 1626 0.60 2056 0.42	<b>14</b> 0330 0.93 1045 0.13 TU 1702 0.61 2141 0.41	<b>15</b> 0415 0.97 1140 0.08 WE 1807 0.60 2229 0.43	<b>1</b> 0331 0.97 1100 0.07 WE 1731 0.59 2145 0.44	<b>16</b> 0337 0.99 1113 0.04 TH 1754 0.60 2155 0.47	<b>2</b> 0419 0.99 1152 0.04 TH 1830 0.60 2237 0.46	<b>17</b> 0427 1.00 1202 0.02 FR 1845 0.62 2253 0.47	<b>3</b> 0508 1.00 1241 0.01 FR 1920 0.62 2332 0.46	<b>18</b> 0518 0.99 1248 0.02 SA 1929 0.64 2353 0.45	<b>4</b> 0558 1.00 1327 0.01 SA 2005 0.64	<b>19</b> 0610 0.97 1331 0.03 SU 2008 0.67	<b>5</b> 0029 0.45 0647 0.99 SU 1410 0.02 2045 0.66	<b>20</b> 0053 0.43 0702 0.94 MO 1413 0.05 2045 0.71	<b>6</b> 0126 0.43 0738 0.96 MO 1451 0.04 2124 0.69	<b>21</b> 0152 0.40 0756 0.90 TU 1452 0.09 2121 0.74	<b>7</b> 0223 0.41 0830 0.92 TU 1530 0.08 2200 0.73	<b>22</b> 0250 0.36 0849 0.85 WE 1530 0.14 2158 0.78	<b>8</b> 0322 0.37 0923 0.87 WE 1610 0.13 2237 0.77	<b>23</b> 0349 0.32 0945 0.80 TH 1608 0.19 2234 0.83	<b>9</b> 0421 0.33 1018 0.81 TH 1647 0.18 2315 0.81	<b>24</b> 0447 0.27 1044 0.74 FR 1645 0.25 2312 0.87	<b>10</b> 0521 0.29 1117 0.75 FR 1725 0.24 2353 0.85	<b>25</b> 0547 0.23 1145 0.68 SA 1721 0.30 2352 0.91	<b>11</b> 0623 0.25 1220 0.69 SA 1803 0.29	<b>26</b> 0646 0.18 1250 0.63 SU 1800 0.35	<b>12</b> 0034 0.89 0725 0.20 SU 1327 0.64 1843 0.34	<b>27</b> 0033 0.94 0746 0.14 MO 1359 0.60 1840 0.39	<b>13</b> 0116 0.92 0826 0.15 MO 1437 0.60 1924 0.39	<b>28</b> 0118 0.97 0844 0.10 TU 1509 0.58 1925 0.43	<b>14</b> 0201 0.95 0925 0.11 TU 1548 0.59 2010 0.43	<b>29</b> 0205 0.98 0940 0.06 WE 1615 0.58 2015 0.46	<b>15</b> 0248 0.98 1021 0.07 WE 1655 0.59 2100 0.45	<b>30</b> 0254 0.99 1032 0.04 TH 1715 0.59 2113 0.47	<b>1</b> 0438 0.98 1209 0.03 SA 1851 0.64 2316 0.46	<b>16</b> 0353 0.94 1113 0.06 SU 1751 0.68 2244 0.43	<b>2</b> 0432 0.96 1153 0.04 SU 1830 0.68 2319 0.43	<b>17</b> 0449 0.90 1155 0.09 MO 1828 0.72 2346 0.39	<b>3</b> 0526 0.92 1234 0.07 MO 1907 0.71	<b>18</b> 0546 0.86 1234 0.12 TU 1903 0.77	<b>4</b> 0019 0.39 0621 0.88 TU 1314 0.11 1943 0.76	<b>19</b> 0046 0.34 0643 0.82 WE 1312 0.17 1939 0.82	<b>5</b> 0118 0.35 0716 0.84 WE 1351 0.15 2018 0.80	<b>20</b> 0145 0.28 0740 0.77 TH 1349 0.22 2015 0.86	<b>6</b> 0216 0.30 0813 0.78 TH 1429 0.20 2055 0.85	<b>21</b> 0241 0.23 0839 0.72 FR 1425 0.27 2052 0.91	<b>7</b> 0315 0.25 0911 0.73 FR 1504 0.26 2131 0.89	<b>22</b> 0337 0.18 0938 0.67 SA 1500 0.32 2130 0.95	<b>8</b> 0412 0.20 1011 0.68 SA 1541 0.31 2211 0.93	<b>23</b> 0432 0.13 1040 0.63 SU 1537 0.36 2212 0.98	<b>9</b> 0509 0.16 1115 0.63 SU 1617 0.36 2252 0.96	<b>24</b> 0528 0.10 1145 0.60 MO 1616 0.40 2255 0.99	<b>10</b> 0607 0.12 1221 0.60 MO 1658 0.40 2335 0.98	<b>25</b> 0623 0.07 1249 0.58 TU 1700 0.43 2341 1.00	<b>11</b> 0703 0.08 1330 0.58 TU 1741 0.43	<b>26</b> 0716 0.05 1353 0.58 WE 1750 0.46	<b>12</b> 0022 0.99 0759 0.06 WE 1435 0.58 1831 0.46	<b>27</b> 0030 1.00 0809 0.04 TH 1452 0.59 1848 0.47	<b>13</b> 0112 0.99 0851 0.04 TH 1535 0.59 1930 0.47	<b>28</b> 0122 0.98 0900 0.04 FR 1545 0.61 1953 0.47	<b>14</b> 0203 0.98 0941 0.03 FR 1627 0.61 2033 0.47	<b>29</b> 0216 0.95 0947 0.05 SA 1630 0.65 2101 0.46	<b>15</b> 0258 0.96 1029 0.04 SA 1711 0.64 2140 0.46	<b>30</b> 0314 0.92 1032 0.07 SU 1710 0.68 2209 0.43	<b>31</b> 0345 0.99 1122 0.03 FR 1806 0.61 2214 0.47

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

Moon Phase Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter

# PIRATES BAY – TASMANIA

LAT 43° 2' S LONG 147° 58' E

Times and Heights of High and Low Waters

# 2023

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> 0412 0.88 1115 0.11 MO 1747 0.73 2313 0.38		<b>16</b> 0435 0.82 1114 0.17 TU 1743 0.79 2341 0.32		<b>1</b> 0005 0.24 0603 0.71 TH 1150 0.27 1816 0.90		<b>16</b> 0027 0.16 0632 0.66 FR 1147 0.33 1815 0.95		<b>1</b> 0045 0.10 0700 0.63 SA 1147 0.38 1817 1.00		<b>16</b> 0100 0.04 0725 0.62 SU 1151 0.42 1821 1.02		<b>1</b> 0156 -0.00 0830 0.63 TU 1251 0.44 1915 1.01		<b>16</b> 0202 0.01 0837 0.65 WE 1312 0.43 1928 0.98	
<b>2</b> 0511 0.84 1155 0.14 TU 1824 0.78		<b>17</b> 0536 0.77 1153 0.21 WE 1819 0.84		<b>2</b> 0101 0.18 0704 0.68 FR 1228 0.32 1855 0.95		<b>17</b> 0120 0.11 0731 0.64 SA 1227 0.37 1856 0.99		<b>2</b> 0135 0.05 0758 0.62 SU 1229 0.41 1900 1.02		<b>17</b> 0147 0.01 0817 0.61 MO 1236 0.43 1905 1.03		<b>2</b> 0240 0.01 0915 0.64 WE 1344 0.43 2003 0.99		<b>17</b> 0245 0.03 0916 0.68 TH 1408 0.41 2018 0.94	
<b>3</b> 0014 0.33 0610 0.79 WE 1233 0.19 1900 0.83		<b>18</b> 0039 0.25 0636 0.73 TH 1230 0.25 1856 0.89		<b>3</b> 0154 0.12 0803 0.65 SA 1305 0.35 1934 0.99		<b>18</b> 0211 0.06 0830 0.62 SU 1306 0.39 1937 1.02		<b>3</b> 0223 0.02 0851 0.61 MO 1312 0.42 1943 1.03		<b>18</b> 0233 0.00 0906 0.62 TU 1324 0.44 1951 1.02		<b>3</b> 0322 0.03 0956 0.66 TH 1440 0.42 2053 0.95		<b>18</b> 0325 0.07 0955 0.71 FR 1507 0.39 2111 0.88	
<b>4</b> 0112 0.27 0708 0.75 TH 1310 0.23 1936 0.88		<b>19</b> 0135 0.19 0735 0.69 FR 1307 0.30 1934 0.94		<b>4</b> 0245 0.08 0901 0.62 SU 1343 0.38 2015 1.01		<b>19</b> 0300 0.03 0924 0.61 MO 1347 0.42 2020 1.03		<b>4</b> 0310 0.01 0942 0.61 TU 1358 0.43 2028 1.03		<b>19</b> 0317 0.01 0952 0.63 WE 1415 0.44 2039 1.00		<b>4</b> 0404 0.07 1035 0.69 FR 1539 0.40 2145 0.89		<b>19</b> 0404 0.12 1033 0.74 SA 1608 0.36 2207 0.82	
<b>5</b> 0208 0.21 0807 0.70 FR 1346 0.28 2013 0.92		<b>20</b> 0229 0.14 0834 0.65 SA 1344 0.34 2013 0.98		<b>5</b> 0336 0.05 0958 0.60 MO 1423 0.41 2058 1.03		<b>20</b> 0347 0.02 1017 0.60 TU 1432 0.43 2104 1.03		<b>5</b> 0356 0.01 1030 0.62 WE 1448 0.44 2115 1.00		<b>20</b> 0401 0.03 1035 0.65 TH 1512 0.43 2129 0.96		<b>5</b> 0445 0.11 1115 0.72 SA 1642 0.38 2243 0.83		<b>20</b> 0444 0.18 1112 0.78 SU 1712 0.32 2307 0.75	
<b>6</b> 0302 0.16 0906 0.66 SA 1422 0.33 2051 0.96		<b>21</b> 0321 0.09 0933 0.62 SU 1420 0.37 2053 1.00		<b>6</b> 0425 0.03 1054 0.60 TU 1507 0.43 2143 1.02		<b>21</b> 0434 0.02 1109 0.61 WE 1522 0.44 2152 1.00		<b>6</b> 0441 0.03 1115 0.63 TH 1545 0.44 2205 0.96		<b>21</b> 0445 0.06 1117 0.67 FR 1612 0.42 2221 0.90		<b>6</b> 0526 0.17 1156 0.76 SU 1747 0.34 2344 0.77		<b>21</b> 0523 0.23 1152 0.82 MO 1816 0.27	
<b>7</b> 0357 0.11 1006 0.63 SU 1459 0.37 2132 0.99		<b>22</b> 0413 0.06 1032 0.60 MO 1500 0.41 2135 1.02		<b>7</b> 0515 0.02 1148 0.60 WE 1557 0.45 2230 1.00		<b>22</b> 0521 0.03 1158 0.62 TH 1617 0.45 2242 0.97		<b>7</b> 0526 0.06 1200 0.65 FR 1645 0.43 2259 0.91		<b>22</b> 0527 0.11 1159 0.70 SA 1716 0.39 2318 0.84		<b>7</b> 0607 0.22 1236 0.80 MO 1854 0.29		<b>22</b> 0012 0.69 0602 0.29 TU 1233 0.86 1920 0.22	
<b>8</b> 0450 0.08 1108 0.60 MO 1538 0.40 2215 1.01		<b>23</b> 0503 0.04 1131 0.59 TU 1543 0.43 2220 1.02		<b>8</b> 0602 0.03 1241 0.61 TH 1653 0.46 2320 0.97		<b>23</b> 0608 0.06 1245 0.64 FR 1720 0.44 2336 0.92		<b>8</b> 0610 0.10 1244 0.68 SA 1751 0.41 2356 0.85		<b>23</b> 0609 0.16 1240 0.74 SU 1824 0.36		<b>8</b> 0049 0.71 0647 0.28 TU 1318 0.85 2000 0.24		<b>23</b> 0121 0.64 0643 0.34 WE 1316 0.91 2023 0.17	
<b>9</b> 0543 0.06 1210 0.58 TU 1621 0.43 2300 1.01		<b>24</b> 0554 0.03 1230 0.59 WE 1632 0.45 2308 1.00		<b>9</b> 0650 0.06 1330 0.63 FR 1756 0.45		<b>24</b> 0653 0.10 1330 0.67 SA 1828 0.43		<b>9</b> 0653 0.15 1326 0.72 SU 1900 0.38		<b>24</b> 0020 0.78 0651 0.21 MO 1321 0.78 1932 0.31		<b>9</b> 0159 0.66 0730 0.33 WE 1401 0.89 2102 0.18		<b>24</b> 0233 0.61 0726 0.38 TH 1401 0.94 2122 0.12	
<b>10</b> 0635 0.04 1312 0.58 WE 1710 0.45 2348 1.00		<b>25</b> 0645 0.04 1325 0.60 TH 1730 0.46		<b>10</b> 0015 0.93 0737 0.09 SA 1415 0.66 1905 0.44		<b>25</b> 0034 0.86 0738 0.14 SU 1412 0.71 1939 0.39		<b>10</b> 0059 0.79 0737 0.20 MO 1408 0.77 2010 0.33		<b>25</b> 0127 0.72 0733 0.27 TU 1403 0.83 2038 0.26		<b>10</b> 0310 0.62 0813 0.37 TH 1445 0.93 2201 0.12		<b>25</b> 0344 0.59 0812 0.42 FR 1448 0.97 2217 0.07	
<b>11</b> 0727 0.04 1409 0.59 TH 1808 0.47		<b>26</b> 0000 0.97 0733 0.05 FR 1415 0.62 1834 0.46		<b>11</b> 0114 0.87 0823 0.12 SU 1459 0.70 2016 0.41		<b>26</b> 0137 0.80 0822 0.19 MO 1454 0.76 2048 0.34		<b>11</b> 0205 0.73 0819 0.25 TU 1449 0.82 2116 0.27		<b>26</b> 0237 0.67 0815 0.32 WE 1446 0.88 2141 0.19		<b>11</b> 0419 0.61 0858 0.41 FR 1531 0.97 2256 0.07		<b>26</b> 0448 0.59 0900 0.44 SA 1535 1.00 2308 0.03	
<b>12</b> 0041 0.98 0816 0.05 FR 1500 0.61 1913 0.47		<b>27</b> 0055 0.93 0821 0.08 SA 1501 0.65 1944 0.45		<b>12</b> 0216 0.82 0907 0.17 MO 1539 0.75 2126 0.36		<b>27</b> 0244 0.75 0904 0.23 TU 1534 0.81 2154 0.28		<b>12</b> 0314 0.69 0901 0.30 WE 1531 0.87 2219 0.21		<b>27</b> 0347 0.64 0859 0.36 TH 1530 0.93 2239 0.13		<b>12</b> 0523 0.60 0945 0.43 SA 1617 1.00 2346 0.03		<b>27</b> 0545 0.60 0952 0.46 SU 1624 1.01 2357 0.01	
<b>13</b> 0136 0.94 0904 0.07 SA 1546 0.65 2023 0.46		<b>28</b> 0154 0.89 0907 0.11 SU 1544 0.69 2055 0.42		<b>13</b> 0321 0.77 0949 0.21 TU 1618 0.80 2230 0.30		<b>28</b> 0351 0.71 0946 0.28 WE 1615 0.86 2256 0.22		<b>13</b> 0422 0.66 0944 0.34 TH 1613 0.92 2316 0.14		<b>28</b> 0454 0.62 0942 0.39 FR 1614 0.97 2333 0.08		<b>13</b> 0620 0.61 1033 0.44 SU 1703 1.01		<b>28</b> 0635 0.62 1046 0.46 MO 1713 1.01	
<b>14</b> 0234 0.90 0950 0.09 SU 1628 0.69 2132 0.42		<b>29</b> 0256 0.84 0950 0.15 MO 1623 0.74 2202 0.37		<b>14</b> 0427 0.73 1030 0.26 WE 1657 0.85 2331 0.23		<b>29</b> 0457 0.67 1027 0.32 TH 1655 0.91 2352 0.15		<b>14</b> 0528 0.63 1025 0.37 FR 1655 0.96		<b>29</b> 0557 0.61 1027 0.42 SA 1658 1.00		<b>14</b> 0034 0.01 0710 0.62 MO 1124 0.45 1751 1.02		<b>29</b> 0042 0.01 0720 0.64 TU 1143 0.45 1802 0.99	
<b>15</b> 0334 0.86 1033 0.13 MO 1706 0.73 2238 0.37		<b>30</b> 0359 0.79 1032 0.19 TU 1701 0.79 2306 0.31		<b>15</b> 0530 0.69 1109 0.30 TH 1736 0.91		<b>30</b> 0600 0.65 1107 0.35 FR 1735 0.96		<b>15</b> 0010 0.09 0629 0.62 SA 1107 0.40 1738 1.00		<b>30</b> 0023 0.04 0653 0.61 SU 1113 0.43 1743 1.02		<b>15</b> 0119 0.00 0756 0.63 TU 1216 0.44 1839 1.00		<b>30</b> 0125 0.02 0800 0.66 WE 1239 0.43 1852 0.96	
		<b>31</b> 0501 0.75 1112 0.23 WE 1739 0.85								<b>31</b> 0111 0.01 0745 0.62 MO 1200 0.44 1829 1.02				<b>31</b> 0206 0.04 0838 0.69 TH 1337 0.41 1944 0.92	

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Moon Phase Symbols ● New Moon ○ First Quarter ○ Full Moon ○ Last Quarter

# PIRATES BAY – TASMANIA

LAT 43° 2' S LONG 147° 58' E

Times and Heights of High and Low Waters

# 2023

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> 0245 0.08 0915 0.72 FR 1435 0.37 2037 0.87		<b>16</b> 0245 0.14 0912 0.78 SA 1503 0.32 2100 0.80		<b>1</b> 0342 0.21 1009 0.84 SU 1629 0.25 2225 0.72		<b>16</b> 0339 0.27 1006 0.91 MO 1652 0.18 2253 0.66		<b>1</b> 0412 0.37 1046 0.99 WE 1806 0.08		<b>16</b> 0413 0.41 1050 1.02 TH 1820 0.04		<b>1</b> 0010 0.59 0420 0.43 FR 1057 1.02 1830 0.03		<b>16</b> 0025 0.60 0435 0.45 SA 1106 1.00 1837 0.03			
<b>2</b> 0324 0.13 0952 0.76 SA 1535 0.34 2133 0.81		<b>17</b> 0322 0.19 0949 0.82 SU 1602 0.27 2158 0.73		<b>2</b> 0418 0.26 1046 0.89 MO 1727 0.20 2327 0.67		<b>17</b> 0415 0.32 1045 0.94 TU 1748 0.14 2356 0.62		<b>2</b> 0024 0.59 0451 0.41 TH 1130 1.01 1900 0.06		<b>17</b> 0048 0.58 0457 0.43 FR 1135 1.02 1911 0.04		<b>2</b> 0105 0.59 0510 0.45 SA 1145 1.00 1919 0.04		<b>17</b> 0115 0.61 0531 0.45 SU 1158 0.97 1924 0.06			
<b>3</b> 0402 0.18 1030 0.80 SU 1637 0.30 2232 0.74		<b>18</b> 0359 0.25 1027 0.87 MO 1702 0.23 2300 0.68		<b>3</b> 0455 0.31 1126 0.93 TU 1826 0.16		<b>18</b> 0451 0.36 1127 0.97 WE 1845 0.10		<b>3</b> 0128 0.58 0534 0.44 FR 1215 1.01 1952 0.04		<b>18</b> 0147 0.58 0546 0.45 SA 1224 1.00 2001 0.04		<b>3</b> 0158 0.60 0607 0.46 SU 1236 0.97 2007 0.06		<b>18</b> 0201 0.64 0635 0.45 MO 1252 0.92 2010 0.10			
<b>4</b> 0440 0.24 1109 0.84 MO 1739 0.25 2336 0.68		<b>19</b> 0436 0.30 1107 0.90 TU 1803 0.18		<b>4</b> 0030 0.62 0531 0.36 WE 1207 0.96 1923 0.12		<b>19</b> 0100 0.59 0530 0.40 TH 1210 0.99 1940 0.07		<b>4</b> 0230 0.58 0625 0.46 SA 1304 1.00 2044 0.04		<b>19</b> 0243 0.59 0645 0.47 SU 1315 0.97 2050 0.05		<b>4</b> 0247 0.63 0712 0.46 MO 1331 0.92 2054 0.09		<b>19</b> 0246 0.67 0745 0.43 TU 1351 0.86 2055 0.14			
<b>5</b> 0518 0.30 1149 0.88 TU 1842 0.20		<b>20</b> 0007 0.63 0515 0.35 WE 1149 0.94 1903 0.14		<b>5</b> 0138 0.59 0612 0.40 TH 1251 0.98 2020 0.08		<b>20</b> 0207 0.58 0615 0.44 FR 1257 1.00 2034 0.05		<b>5</b> 0327 0.59 0723 0.47 SU 1357 0.98 ● 2133 0.05		<b>20</b> 0333 0.62 0750 0.47 MO 1412 0.93 ● 2138 0.08		<b>5</b> 0332 0.66 0822 0.44 TU 1430 0.87 ● 2139 0.13		<b>20</b> 0330 0.71 0856 0.39 WE 1454 0.80 ● 2139 0.19			
<b>6</b> 0044 0.64 0559 0.35 WE 1232 0.92 1943 0.15		<b>21</b> 0116 0.60 0555 0.40 TH 1233 0.97 2001 0.10		<b>6</b> 0247 0.58 0657 0.44 FR 1338 0.99 2115 0.06		<b>21</b> 0312 0.58 0705 0.46 SA 1345 1.00 2126 0.04		<b>6</b> 0418 0.61 0830 0.47 MO 1452 0.94 2221 0.06		<b>21</b> 0418 0.65 0900 0.45 TU 1511 0.89 2223 0.11		<b>6</b> 0415 0.70 0933 0.41 WE 1533 0.82 2223 0.17		<b>21</b> 0410 0.76 1005 0.34 TH 1600 0.75 2221 0.23			
<b>7</b> 0155 0.60 0640 0.39 TH 1317 0.95 ● 2042 0.11		<b>22</b> 0227 0.58 0640 0.43 FR 1321 0.98 2057 0.06		<b>7</b> 0353 0.58 0747 0.46 SA 1428 0.99 ● 2208 0.04		<b>22</b> 0411 0.59 0804 0.48 SU 1438 0.98 ● 2216 0.04		<b>7</b> 0503 0.65 0939 0.46 TU 1550 0.91 2306 0.09		<b>22</b> 0500 0.69 1011 0.41 WE 1612 0.84 2306 0.15		<b>7</b> 0455 0.75 1042 0.35 TH 1638 0.77 2305 0.21		<b>22</b> 0450 0.81 1111 0.28 FR 1707 0.71 2302 0.28			
<b>8</b> 0305 0.59 0726 0.43 FR 1404 0.98 2137 0.07		<b>23</b> 0333 0.58 0731 0.46 SA 1410 0.99 ● 2149 0.04		<b>8</b> 0452 0.59 0845 0.48 SU 1520 0.99 2258 0.03		<b>23</b> 0501 0.61 0910 0.48 MO 1533 0.96 2303 0.05		<b>8</b> 0544 0.69 1048 0.42 WE 1650 0.86 2348 0.12		<b>23</b> 0539 0.74 1118 0.36 TH 1715 0.80 2347 0.19		<b>8</b> 0534 0.80 1146 0.29 FR 1743 0.73 2345 0.25		<b>23</b> 0530 0.86 1211 0.21 SA 1813 0.67 2342 0.32			
<b>9</b> 0412 0.59 0816 0.45 SA 1453 0.99 2230 0.03		<b>24</b> 0432 0.59 0829 0.47 SU 1501 0.99 2238 0.02		<b>9</b> 0543 0.61 0949 0.47 MO 1614 0.97 2345 0.04		<b>24</b> 0546 0.65 1017 0.46 TU 1630 0.92 2347 0.07		<b>9</b> 0621 0.74 1154 0.37 TH 1750 0.82		<b>24</b> 0616 0.79 1221 0.30 FR 1816 0.75		<b>9</b> 0613 0.86 1246 0.23 SA 1845 0.69		<b>24</b> 0610 0.92 1307 0.15 SU 1915 0.65			
<b>10</b> 0510 0.60 0911 1.07 SU 1543 1.40 2318 0.02		<b>25</b> 0522 0.61 0930 0.47 MO 1554 0.98 2324 0.02		<b>10</b> 0627 0.64 1055 0.46 TU 1709 0.94		<b>25</b> 0626 0.68 1124 0.42 WE 1728 0.88		<b>10</b> 0029 0.16 0658 0.79 FR 1256 0.31 1851 0.77		<b>25</b> 0027 0.23 0654 0.85 SA 1320 0.24 1918 0.71		<b>10</b> 0024 0.30 0651 0.91 SU 1342 0.16 1947 0.66		<b>25</b> 0022 0.35 0650 0.96 MO 1400 0.09 2015 0.63			
<b>11</b> 0600 0.62 1009 0.47 MO 1633 0.99		<b>26</b> 0606 0.64 1031 0.46 TU 1647 0.96		<b>11</b> 0029 0.05 0706 0.68 WE 1159 0.43 1805 0.91		<b>26</b> 0030 0.10 0702 0.73 TH 1228 0.38 1826 0.84		<b>11</b> 0107 0.21 0734 0.84 SA 1354 0.25 1950 0.73		<b>26</b> 0105 0.27 0730 0.90 SU 1415 0.18 2018 0.67		<b>11</b> 0102 0.33 0730 0.96 MO 1434 0.11 2046 0.64		<b>26</b> 0101 0.38 0731 1.00 TU 1450 0.05 2112 0.62			
<b>12</b> 0003 0.01 0644 0.64 TU 1107 0.45 1725 0.98		<b>27</b> 0008 0.04 0645 0.68 WE 1133 0.43 1741 0.93		<b>12</b> 0110 0.08 0743 0.72 TH 1300 0.39 1900 0.86		<b>27</b> 0109 0.14 0738 0.78 FR 1329 0.32 1924 0.80		<b>12</b> 0145 0.25 0811 0.89 SU 1449 0.19 2050 0.69		<b>27</b> 0142 0.32 0809 0.95 MO 1509 0.12 ○ 2117 0.64		<b>12</b> 0140 0.37 0810 1.00 TU 1525 0.06 2144 0.62		<b>27</b> 0142 0.41 0814 1.03 WE 1538 0.02 ○ 2205 0.61			
<b>13</b> 0046 0.03 0723 0.67 WE 1206 0.43 1817 0.95		<b>28</b> 0048 0.07 0721 0.71 TH 1233 0.39 1835 0.88		<b>13</b> 0149 0.12 0818 0.77 FR 1400 0.34 1958 0.82		<b>28</b> 0147 0.19 0814 0.83 SA 1427 0.27 2022 0.75		<b>13</b> 0220 0.30 0848 0.94 MO 1544 0.14 ● 2148 0.65		<b>28</b> 0218 0.35 0848 0.99 TU 1600 0.08 2215 0.62		<b>13</b> 0219 0.39 0851 1.02 WE 1615 0.03 ● 2239 0.60		<b>28</b> 0225 0.42 0857 1.03 TH 1625 0.01 2257 0.61			
<b>14</b> 0128 0.05 0800 0.70 TH 1305 0.40 1910 0.90		<b>29</b> 0128 0.11 0757 0.76 FR 1332 0.35 ○ 1930 0.84		<b>14</b> 0227 0.17 0853 0.81 SA 1459 0.28 2055 0.77		<b>29</b> 0224 0.24 0849 0.88 SU 1523 0.21 ○ 2121 0.70		<b>14</b> 0257 0.34 0927 0.98 TU 1636 0.10 2248 0.62		<b>29</b> 0256 0.38 0929 1.01 WE 1651 0.05 2314 0.60		<b>14</b> 0300 0.42 0934 1.03 TH 1702 0.02 2332 0.60		<b>29</b> 0311 0.43 0942 1.03 FR 1711 0.01 2345 0.61			
<b>15</b> 0207 0.09 0836 0.74 FR 1404 0.36 ● 2003 0.85		<b>30</b> 0206 0.15 0832 0.80 SA 1430 0.30 2027 0.78		<b>15</b> 0303 0.22 0930 0.86 SU 1556 0.23 ● 2153 0.71		<b>30</b> 0300 0.28 0927 0.92 MO 1617 0.16 2221 0.66		<b>15</b> 0334 0.38 1007 1.00 WE 1728 0.06 2348 0.60		<b>30</b> 0336 0.41 1012 1.03 TH 1741 0.03		<b>15</b> 0345 0.43 1019 1.03 FR 1750 0.02		<b>30</b> 0401 0.44 1030 1.00 SA 1757 0.03			
				<b>31</b> 0335 0.33 1005 0.96 TU 1712 0.12 2322 0.62									<b>31</b> 0031 0.63 0458 0.44 SU 1119 0.96 1842 0.06				

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter