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# CROOKHAVEN HEADS – NEW SOUTH WALES

LAT 34° 54' S LONG 150° 46' E

Times and Heights of High and Low Waters

## 2024

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> 0054 1.02 0610 0.52 MO 1239 1.40 1934 0.31		<b>16</b> 0114 1.20 0649 0.36 TU 1311 1.53 1956 0.16		<b>1</b> 0133 1.15 0721 0.53 TH 1320 1.19 1948 0.37		<b>16</b> 0228 1.36 0854 0.41 FR 1444 1.08 2042 0.42		<b>1</b> 0048 1.28 0701 0.47 FR 1253 1.13 1853 0.43		<b>16</b> 0151 1.45 0847 0.38 SA 1435 0.99 2000 0.55		<b>1</b> 0137 1.38 0846 0.45 MO 1441 0.97 1951 0.63		<b>16</b> 0214 1.35 0940 0.43 TU 1559 0.99 2048 0.74	
<b>2</b> 0138 1.03 0658 0.56 TU 1318 1.31 2013 0.33		<b>17</b> 0207 1.23 0752 0.41 WE 1402 1.38 2041 0.23		<b>2</b> 0217 1.17 0818 0.56 FR 1405 1.08 2026 0.42		<b>17</b> 0325 1.35 1015 0.44 SA 1558 0.95 2135 0.50		<b>2</b> 0128 1.28 0755 0.50 SA 1340 1.03 1930 0.49		<b>17</b> 0247 1.39 1003 0.42 SU 1556 0.92 2059 0.63		<b>2</b> 0239 1.36 1000 0.43 TU 1601 0.97 2107 0.65		<b>17</b> 0323 1.30 1036 0.43 WE 1658 1.05 2209 0.71	
<b>3</b> 0226 1.05 0753 0.59 WE 1401 1.22 2052 0.36		<b>18</b> 0303 1.27 0902 0.46 TH 1500 1.21 2128 0.30		<b>3</b> 0307 1.20 0928 0.57 SA 1505 0.98 2113 0.46		<b>18</b> 0430 1.34 1141 0.43 SU 1726 0.89 2239 0.55		<b>3</b> 0215 1.28 0900 0.51 SU 1443 0.95 2018 0.55		<b>18</b> 0354 1.34 1120 0.42 MO 1726 0.92 2215 0.67		<b>3</b> 0354 1.38 1112 0.38 WE 1718 1.02 2231 0.62		<b>18</b> 0428 1.29 1123 0.42 TH 1742 1.12 2314 0.65	
<b>4</b> 0316 1.09 0857 0.62 TH 1452 1.13 2134 0.38		<b>19</b> 0402 1.31 1023 0.47 FR 1609 1.07 2217 0.36		<b>4</b> 0403 1.24 1048 0.54 SU 1624 0.92 2211 0.49		<b>19</b> 0536 1.35 1254 0.39 MO 1844 0.91 2345 0.55		<b>4</b> 0313 1.29 1019 0.49 MO 1606 0.91 2128 0.58		<b>19</b> 0505 1.32 1225 0.41 TU 1832 0.97 2333 0.65		<b>4</b> 0509 1.43 1214 0.31 TH 1820 1.12 2345 0.54		<b>19</b> 0522 1.30 1202 0.40 FR 1820 1.20	
<b>5</b> 0410 1.15 1011 0.61 FR 1554 1.05 2220 0.40		<b>20</b> 0502 1.35 1146 0.44 SA 1725 0.98 2309 0.41		<b>5</b> 0504 1.30 1207 0.47 MO 1744 0.92 2315 0.49		<b>20</b> 0639 1.38 1348 0.34 TU 1940 0.96		<b>5</b> 0424 1.32 1139 0.43 TU 1730 0.94 2247 0.57		<b>20</b> 0611 1.33 1315 0.38 WE 1920 1.04		<b>5</b> 0614 1.51 1306 0.24 FR 1913 1.23		<b>20</b> 0005 0.58 0608 1.32 SA 1236 0.39 1853 1.27	
<b>6</b> 0502 1.22 1128 0.57 SA 1701 1.00 2307 0.41		<b>21</b> 0601 1.40 1302 0.38 SU 1841 0.94		<b>6</b> 0605 1.38 1313 0.37 TU 1853 0.96		<b>21</b> 0046 0.53 0731 1.41 WE 1431 0.30 2022 1.02		<b>6</b> 0535 1.39 1246 0.34 WE 1840 1.01		<b>21</b> 0037 0.59 0704 1.35 TH 1355 0.35 1958 1.10		<b>6</b> 0050 0.43 0711 1.57 SA 1354 0.18 2000 1.35		<b>21</b> 0049 0.52 0648 1.32 SU 1306 0.38 1925 1.35	
<b>7</b> 0552 1.30 1237 0.49 SU 1809 0.98 2356 0.41		<b>22</b> 0003 0.44 0658 1.44 MO 1402 0.32 1944 0.95		<b>7</b> 0016 0.46 0703 1.48 WE 1408 0.26 1952 1.03		<b>22</b> 0137 0.49 0816 1.44 TH 1508 0.28 2059 1.07		<b>7</b> 0000 0.50 0639 1.49 TH 1342 0.24 1935 1.10		<b>22</b> 0127 0.53 0748 1.38 FR 1429 0.33 2030 1.17		<b>7</b> 0148 0.34 0704 1.60 SU 1337 0.16 1946 1.45		<b>22</b> 0130 0.47 0727 1.31 MO 1334 0.38 1956 1.41	
<b>8</b> 0641 1.39 1335 0.39 MO 1910 1.00		<b>23</b> 0055 0.45 0748 1.48 TU 1451 0.27 2034 0.98		<b>8</b> 0114 0.40 0758 1.59 TH 1458 0.16 2045 1.10		<b>23</b> 0221 0.45 0856 1.47 FR 1540 0.27 2131 1.12		<b>8</b> 0101 0.42 0736 1.60 FR 1430 0.15 2025 1.20		<b>23</b> 0209 0.48 0827 1.40 SA 1459 0.32 2101 1.23		<b>8</b> 0145 0.26 0757 1.58 MO 1417 0.17 2030 1.55		<b>23</b> 0209 0.42 0804 1.29 TU 1402 0.40 2026 1.47	
<b>9</b> 0044 0.40 0730 1.49 TU 1427 0.29 2006 1.03		<b>24</b> 0144 0.44 0833 1.51 WE 1532 0.24 2116 1.01		<b>9</b> 0208 0.34 0849 1.68 FR 1545 0.09 2133 1.17		<b>24</b> 0300 0.41 0930 1.48 SA 1610 0.26 2203 1.15		<b>9</b> 0158 0.32 0829 1.67 SA 1515 0.10 2112 1.30		<b>24</b> 0247 0.44 0901 1.41 SU 1526 0.32 2131 1.28		<b>9</b> 0240 0.21 0848 1.52 TU 1457 0.21 2115 1.62		<b>24</b> 0247 0.39 0842 1.26 WE 1430 0.42 2058 1.52	
<b>10</b> 0131 0.38 0817 1.58 WE 1516 0.20 2059 1.06		<b>25</b> 0228 0.43 0915 1.53 TH 1609 0.23 2155 1.04		<b>10</b> 0301 0.28 0939 1.74 SA 1629 0.05 2221 1.23		<b>25</b> 0337 0.39 1004 1.47 SU 1637 0.26 2234 1.19		<b>10</b> 0253 0.25 0919 1.70 SU 1557 0.08 2158 1.38		<b>25</b> 0324 0.41 0935 1.39 MO 1552 0.32 2201 1.33		<b>10</b> 0335 0.19 0940 1.42 WE 1535 0.29 2200 1.65		<b>25</b> 0328 0.37 0921 1.21 TH 1500 0.46 2130 1.54	
<b>11</b> 0220 0.36 0905 1.65 TH 1604 0.13 2150 1.10		<b>26</b> 0310 0.42 0953 1.53 FR 1644 0.23 2230 1.07		<b>11</b> 0354 0.24 1028 1.75 SU 1712 0.04 2309 1.28		<b>26</b> 0415 0.39 1036 1.44 MO 1704 0.28 2305 1.22		<b>11</b> 0346 0.20 1008 1.67 MO 1637 0.09 2243 1.45		<b>26</b> 0401 0.39 1009 1.36 TU 1617 0.34 2231 1.38		<b>11</b> 0431 0.21 1032 1.30 TH 1615 0.38 2245 1.64		<b>26</b> 0409 0.36 1003 1.17 FR 1532 0.50 2205 1.55	
<b>12</b> 0311 0.33 0954 1.71 FR 1651 0.08 2240 1.13		<b>27</b> 0349 0.41 1029 1.52 SA 1715 0.24 2304 1.08		<b>12</b> 0448 0.23 1115 1.70 MO 1754 0.07 2357 1.32		<b>27</b> 0452 0.39 1108 1.39 TU 1730 0.30 2338 1.25		<b>12</b> 0442 0.19 1058 1.59 TU 1716 0.15 2329 1.50		<b>27</b> 0440 0.38 1043 1.30 WE 1644 0.37 2302 1.41		<b>12</b> 0529 0.25 1126 1.17 FR 1654 0.48 2330 1.59		<b>27</b> 0453 0.36 1048 1.12 SA 1608 0.55 2244 1.54	
<b>13</b> 0402 0.32 1043 1.74 SA 1738 0.06 2330 1.15		<b>28</b> 0428 0.41 1102 1.50 SU 1745 0.25 2339 1.10		<b>13</b> 0544 0.25 1203 1.59 TU 1835 0.13		<b>28</b> 0532 0.41 1141 1.32 WE 1756 0.33		<b>13</b> 0537 0.21 1146 1.45 WE 1755 0.24		<b>28</b> 0520 0.39 1118 1.24 TH 1711 0.41 2335 1.42		<b>13</b> 0629 0.30 1223 1.06 SA 1736 0.58		<b>28</b> 0542 0.37 1138 1.08 SU 1650 0.60 2327 1.51	
<b>14</b> 0456 0.31 1131 1.72 SU 1825 0.07		<b>29</b> 0507 0.43 1135 1.45 MO 1815 0.27		<b>14</b> 0045 1.35 0642 0.29 WE 1252 1.43 1915 0.22		<b>29</b> 0012 1.27 0615 0.44 TH 1215 1.23 1824 0.38		<b>14</b> 0015 1.51 0635 0.26 TH 1238 1.29 1833 0.34		<b>29</b> 0602 0.40 1158 1.16 FR 1740 0.46		<b>14</b> 0017 1.51 0732 0.36 SU 1328 0.99 1826 0.66		<b>29</b> 0636 0.38 1235 1.04 MO 1740 0.64	
<b>15</b> 0022 1.18 0551 0.33 MO 1220 1.65 1911 0.10		<b>30</b> 0015 1.11 0548 0.45 TU 1208 1.38 1845 0.30		<b>15</b> 0134 1.37 0745 0.36 TH 1345 1.25 1957 0.32		<b>31</b> 0049 1.40 0743 0.44 SU 1334 1.01 1854 0.58		<b>15</b> 0101 1.50 0738 0.32 FR 1332 1.13 1914 0.45		<b>30</b> 0010 1.42 0649 0.42 SA 1242 1.08 1813 0.52		<b>15</b> 0111 1.43 0837 0.41 MO 1443 0.97 1930 0.72		<b>30</b> 0019 1.48 0738 0.38 TU 1340 1.03 1844 0.67	
		<b>31</b> 0053 1.13 0632 0.49 WE 1243 1.29 1915 0.33													

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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

# CROOKHAVEN HEADS – NEW SOUTH WALES

LAT 34° 54' S LONG 150° 46' E

Times and Heights of High and Low Waters

# 2024

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> 0121 1.45 0842 0.36 WE 1450 1.07 ☉ 1959 0.67		<b>16</b> 0231 1.30 0935 0.44 TH 1601 1.12 2125 0.73		<b>1</b> 0315 1.42 0957 0.28 SA 1622 1.35 2219 0.53		<b>16</b> 0330 1.15 0955 0.44 SU 1635 1.29 2256 0.63		<b>1</b> 0359 1.19 1005 0.34 MO 1646 1.49 2327 0.42		<b>16</b> 0344 0.99 0939 0.47 TU 1630 1.34 2324 0.52		<b>1</b> 0033 0.30 0616 0.97 TH 1126 0.46 1819 1.53		<b>16</b> 0534 0.94 1053 0.48 FR 1741 1.46	
<b>2</b> 0232 1.44 0942 0.33 TH 1556 1.14 2118 0.63		<b>17</b> 0332 1.26 1019 0.44 FR 1649 1.19 2235 0.69		<b>2</b> 0419 1.37 1045 0.29 SU 1715 1.46 2330 0.45		<b>17</b> 0430 1.11 1035 0.45 MO 1718 1.37 2355 0.55		<b>2</b> 0507 1.12 1054 0.38 TU 1741 1.56		<b>17</b> 0452 0.97 1029 0.48 WE 1719 1.41		<b>2</b> 0126 0.25 0711 1.00 FR 1219 0.45 1909 1.55		<b>17</b> 0045 0.27 0630 1.01 SA 1150 0.42 1832 1.55	
<b>3</b> 0342 1.46 1037 0.29 FR 1653 1.25 2232 0.54		<b>18</b> 0429 1.24 1059 0.43 SA 1730 1.27 2334 0.62		<b>3</b> 0521 1.32 1130 0.31 MO 1804 1.56		<b>18</b> 0526 1.09 1115 0.46 TU 1800 1.45		<b>3</b> 0034 0.34 0615 1.08 WE 1143 0.42 1832 1.61		<b>18</b> 0020 0.42 0554 0.98 TH 1119 0.47 1808 1.49		<b>3</b> 0210 0.21 0757 1.04 SA 1309 0.44 1954 1.57		<b>18</b> 0132 0.18 0719 1.08 SU 1243 0.35 1921 1.64	
<b>4</b> 0445 1.48 1126 0.25 SA 1745 1.36 2339 0.45		<b>19</b> 0520 1.23 1135 0.43 SU 1808 1.35		<b>4</b> 0034 0.36 0622 1.26 TU 1214 0.34 1852 1.65		<b>19</b> 0045 0.47 0618 1.08 WE 1156 0.46 1840 1.52		<b>4</b> 0132 0.27 0715 1.07 TH 1231 0.44 1921 1.65		<b>19</b> 0110 0.33 0648 1.02 FR 1209 0.45 1855 1.57		<b>4</b> 0249 0.20 0837 1.07 SU 1354 0.42 ● 2034 1.57		<b>19</b> 0216 0.10 0806 1.15 MO 1334 0.29 2009 1.70	
<b>5</b> 0545 1.48 1212 0.24 SU 1832 1.48		<b>20</b> 0024 0.55 0606 1.21 MO 1209 0.43 1843 1.43		<b>5</b> 0134 0.28 0721 1.21 WE 1258 0.39 1939 1.70		<b>20</b> 0131 0.39 0709 1.08 TH 1236 0.47 1920 1.58		<b>5</b> 0223 0.23 0809 1.07 FR 1319 0.46 2008 1.66		<b>20</b> 0157 0.25 0739 1.06 SA 1258 0.42 1942 1.64		<b>5</b> 0325 0.21 0915 1.10 MO 1436 0.41 2111 1.55		<b>20</b> 0259 0.05 0852 1.22 TU 1426 0.24 ○ 2056 1.72	
<b>6</b> 0040 0.35 0641 1.46 MO 1254 0.25 1918 1.59		<b>21</b> 0109 0.48 0651 1.20 TU 1242 0.44 1916 1.50		<b>6</b> 0230 0.23 0818 1.17 TH 1341 0.44 ● 2025 1.73		<b>21</b> 0215 0.32 0758 1.09 FR 1318 0.48 2001 1.64		<b>6</b> 0309 0.21 0857 1.08 SA 1406 0.47 ● 2052 1.65		<b>21</b> 0242 0.18 0828 1.10 SU 1346 0.39 ○ 2029 1.70		<b>6</b> 0358 0.22 0951 1.12 TU 1516 0.42 2145 1.51		<b>21</b> 0340 0.04 0939 1.29 WE 1519 0.22 2144 1.68	
<b>7</b> 0138 0.28 0736 1.41 TU 1335 0.29 2003 1.67		<b>22</b> 0151 0.42 0734 1.18 WE 1315 0.45 1951 1.56		<b>7</b> 0321 0.21 0912 1.14 FR 1426 0.49 2110 1.72		<b>22</b> 0300 0.27 0846 1.11 SA 1402 0.48 ○ 2045 1.67		<b>7</b> 0352 0.22 0942 1.09 SU 1451 0.49 2133 1.62		<b>22</b> 0326 0.13 0915 1.14 MO 1437 0.36 2115 1.73		<b>7</b> 0428 0.24 1026 1.14 WE 1557 0.43 2219 1.45		<b>22</b> 0421 0.05 1026 1.34 TH 1615 0.23 2231 1.58	
<b>8</b> 0234 0.23 0830 1.34 WE 1416 0.35 ● 2048 1.72		<b>23</b> 0232 0.37 0818 1.16 TH 1349 0.48 ○ 2027 1.60		<b>8</b> 0411 0.22 1003 1.11 SA 1511 0.53 2154 1.68		<b>23</b> 0345 0.23 0935 1.12 SU 1449 0.48 2130 1.69		<b>8</b> 0432 0.24 1024 1.09 MO 1535 0.51 2213 1.57		<b>23</b> 0411 0.10 1004 1.18 TU 1529 0.35 2202 1.72		<b>8</b> 0457 0.26 1101 1.16 TH 1639 0.46 2252 1.37		<b>23</b> 0501 0.10 1114 1.39 FR 1713 0.26 2321 1.43	
<b>9</b> 0329 0.21 0926 1.26 TH 1457 0.42 2132 1.73		<b>24</b> 0315 0.33 0903 1.15 FR 1426 0.50 2104 1.63		<b>9</b> 0459 0.25 1052 1.09 SU 1556 0.58 2237 1.62		<b>24</b> 0431 0.21 1025 1.13 MO 1539 0.48 2216 1.69		<b>9</b> 0509 0.27 1104 1.10 TU 1619 0.53 2250 1.51		<b>24</b> 0454 0.10 1053 1.22 WE 1623 0.35 2249 1.66		<b>9</b> 0526 0.29 1139 1.18 FR 1723 0.49 2328 1.27		<b>24</b> 0542 0.18 1203 1.41 SA 1815 0.31	
<b>10</b> 0423 0.21 1019 1.18 FR 1538 0.50 2217 1.69		<b>25</b> 0359 0.31 0950 1.13 SA 1506 0.53 2145 1.64		<b>10</b> 0545 0.29 1140 1.08 MO 1643 0.62 2319 1.54		<b>25</b> 0519 0.19 1116 1.15 TU 1632 0.49 2305 1.66		<b>10</b> 0545 0.30 1145 1.10 WE 1703 0.56 2327 1.43		<b>25</b> 0537 0.12 1143 1.26 TH 1720 0.37 2338 1.56		<b>10</b> 0556 0.33 1218 1.20 SA 1813 0.53		<b>25</b> 0014 1.26 0624 0.27 SU 1255 1.41 1924 0.36	
<b>11</b> 0517 0.25 1113 1.11 SA 1621 0.57 2301 1.63		<b>26</b> 0445 0.30 1040 1.11 SU 1550 0.56 2228 1.63		<b>11</b> 0628 0.33 1228 1.07 TU 1732 0.65		<b>26</b> 0607 0.20 1209 1.17 WE 1730 0.51 2355 1.60		<b>11</b> 0618 0.33 1226 1.12 TH 1751 0.59		<b>26</b> 0621 0.16 1234 1.30 FR 1821 0.41		<b>11</b> 0006 1.16 0628 0.37 SU 1300 1.22 1910 0.55		<b>26</b> 0115 1.08 0710 0.37 MO 1352 1.40 ● 2044 0.38	
<b>12</b> 0612 0.30 1208 1.06 SU 1707 0.64 2347 1.54		<b>27</b> 0534 0.29 1131 1.10 MO 1640 0.59 2315 1.60		<b>12</b> 0002 1.46 0710 0.37 WE 1316 1.08 1826 0.68		<b>27</b> 0655 0.21 1303 1.21 TH 1830 0.52		<b>12</b> 0005 1.34 0653 0.36 FR 1310 1.15 1845 0.62		<b>27</b> 0030 1.41 0704 0.22 SA 1327 1.34 1929 0.44		<b>12</b> 0053 1.05 0704 0.42 MO 1348 1.23 2018 0.56		<b>27</b> 0228 0.95 0803 0.45 TU 1456 1.39 2208 0.37	
<b>13</b> 0705 0.35 1305 1.03 MO 1759 0.70		<b>28</b> 0628 0.30 1228 1.10 TU 1736 0.61		<b>13</b> 0047 1.37 0751 0.40 TH 1407 1.11 1926 0.71		<b>28</b> 0049 1.51 0743 0.23 FR 1359 1.26 1938 0.54		<b>13</b> 0046 1.24 0729 0.39 SA 1357 1.18 1947 0.64		<b>28</b> 0127 1.25 0749 0.29 SU 1423 1.38 ● 2046 0.46		<b>13</b> 0153 0.95 0749 0.47 TU 1443 1.26 ● 2136 0.53		<b>28</b> 0354 0.89 0908 0.51 WE 1605 1.39 2323 0.33	
<b>14</b> 0036 1.45 0758 0.40 TU 1406 1.03 1900 0.74		<b>29</b> 0008 1.56 0722 0.30 WE 1327 1.12 1839 0.63		<b>14</b> 0137 1.29 0831 0.42 FR 1459 1.15 ● 2034 0.71		<b>29</b> 0146 1.40 0830 0.27 SA 1455 1.33 ● 2053 0.53		<b>14</b> 0136 1.14 0808 0.42 SU 1446 1.22 ● 2100 0.64		<b>29</b> 0233 1.10 0838 0.36 MO 1523 1.41 2210 0.43		<b>14</b> 0309 0.90 0846 0.51 WE 1544 1.30 2251 0.46		<b>29</b> 0515 0.91 1017 0.52 TH 1710 1.41	
<b>15</b> 0130 1.37 0847 0.43 WE 1507 1.06 ● 2010 0.75		<b>30</b> 0106 1.51 0815 0.29 TH 1428 1.17 1949 0.62		<b>15</b> 0231 1.21 0914 0.43 SA 1548 1.22 2147 0.68		<b>30</b> 0250 1.28 0917 0.30 SU 1551 1.41 2212 0.49		<b>15</b> 0235 1.05 0852 0.45 MO 1538 1.28 2215 0.59		<b>30</b> 0350 1.00 0931 0.42 TU 1624 1.45 2329 0.37		<b>15</b> 0427 0.89 0951 0.51 TH 1644 1.37 2354 0.37		<b>30</b> 0021 0.28 0614 0.96 FR 1121 0.49 1806 1.43	
		<b>31</b> 0210 1.46 0908 0.29 FR 1527 1.25 ● 2104 0.59						<b>31</b> 0508 0.96 1029 0.45 WE 1724 1.49				<b>31</b> 0106 0.24 0659 1.02 SA 1216 0.45 1853 1.46			

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SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0145 0.22 0738 1.07 SU 1302 0.41 1934 1.47		<b>16</b> 0100 0.13 0656 1.16 MO 1230 0.30 1858 1.62		<b>1</b> 0136 0.24 0743 1.20 TU 1331 0.37 1942 1.36		<b>16</b> 0203 0.08 0815 1.40 WE 1415 0.20 2023 1.52		<b>1</b> 0242 0.31 0909 1.42 FR 1534 0.31 ● 2124 1.17		<b>16</b> 0246 0.22 0920 1.68 SA 1602 0.10 ○ 2155 1.20		<b>1</b> 0233 0.39 0914 1.52 SU 1601 0.27 ● 2146 1.06		<b>16</b> 0305 0.35 0951 1.70 MO 1650 0.11 2239 1.07	
<b>2</b> 0217 0.21 0813 1.12 MO 1344 0.38 2011 1.47		<b>17</b> 0143 0.06 0742 1.26 TU 1324 0.22 1946 1.65		<b>2</b> 0203 0.24 0813 1.26 WE 1410 0.34 2015 1.33		<b>17</b> 0244 0.08 0900 1.50 TH 1510 0.14 ○ 2115 1.47		<b>2</b> 0310 0.33 0941 1.46 SA 1614 0.29 2203 1.13		<b>17</b> 0329 0.29 1007 1.70 SU 1658 0.10 2251 1.13		<b>2</b> 0309 0.41 0951 1.55 MO 1643 0.24 2230 1.05		<b>17</b> 0353 0.39 1038 1.68 TU 1739 0.13 2329 1.05	
<b>3</b> 0248 0.21 0845 1.16 TU 1423 0.36 ● 2045 1.45		<b>18</b> 0224 0.03 0827 1.35 WE 1417 0.17 ○ 2035 1.63		<b>3</b> 0229 0.25 0843 1.31 TH 1447 0.33 ● 2048 1.29		<b>18</b> 0324 0.12 0945 1.59 FR 1606 0.11 2207 1.37		<b>3</b> 0340 0.37 1014 1.49 SU 1654 0.28 2244 1.09		<b>18</b> 0414 0.36 1055 1.69 MO 1753 0.12 2345 1.06		<b>3</b> 0347 0.43 1030 1.56 TU 1726 0.23 2315 1.04		<b>18</b> 0441 0.43 1124 1.62 WE 1826 0.17	
<b>4</b> 0315 0.22 0917 1.19 WE 1500 0.36 2116 1.41		<b>19</b> 0303 0.04 0912 1.43 TH 1512 0.14 2124 1.55		<b>4</b> 0255 0.27 0914 1.35 FR 1525 0.32 2123 1.23		<b>19</b> 0403 0.18 1030 1.63 SA 1702 0.11 2301 1.26		<b>4</b> 0413 0.41 1049 1.49 MO 1736 0.29 2327 1.04		<b>19</b> 0500 0.43 1143 1.63 TU 1848 0.17		<b>4</b> 0429 0.45 1110 1.56 WE 1811 0.23		<b>19</b> 0017 1.03 0529 0.47 TH 1207 1.55 1909 0.23	
<b>5</b> 0343 0.24 0949 1.23 TH 1539 0.37 2149 1.35		<b>20</b> 0343 0.08 0958 1.50 FR 1607 0.15 2215 1.42		<b>5</b> 0321 0.30 0945 1.38 SA 1605 0.33 2200 1.16		<b>20</b> 0445 0.27 1117 1.64 SU 1800 0.14 2357 1.14		<b>5</b> 0448 0.45 1127 1.48 TU 1822 0.30		<b>20</b> 0042 1.01 0549 0.50 WE 1231 1.54 1944 0.23		<b>5</b> 0002 1.03 0515 0.47 TH 1153 1.54 1859 0.24		<b>20</b> 0104 1.02 0617 0.52 FR 1249 1.45 1950 0.28	
<b>6</b> 0408 0.26 1021 1.26 FR 1619 0.38 2222 1.27		<b>21</b> 0422 0.16 1045 1.53 SA 1706 0.18 2307 1.27		<b>6</b> 0449 0.35 1118 1.39 SU 1747 0.34 2339 1.09		<b>21</b> 0527 0.36 1205 1.60 MO 1902 0.19		<b>6</b> 0014 1.00 0529 0.50 WE 1208 1.45 1913 0.32		<b>21</b> 0139 0.98 0642 0.56 TH 1321 1.45 2036 0.29		<b>6</b> 0054 1.02 0605 0.50 FR 1240 1.51 1948 0.24		<b>21</b> 0152 1.02 0708 0.56 SA 1330 1.35 2030 0.32	
<b>7</b> 0434 0.30 1056 1.28 SA 1702 0.41 2258 1.17		<b>22</b> 0502 0.26 1132 1.52 SU 1809 0.23		<b>7</b> 0519 0.40 1153 1.39 MO 1833 0.36		<b>22</b> 0056 1.03 0614 0.46 TU 1257 1.52 2007 0.25		<b>7</b> 0107 0.97 0615 0.54 TH 1256 1.41 2010 0.32		<b>22</b> 0240 0.97 0742 0.61 FR 1414 1.35 2128 0.33		<b>7</b> 0149 1.03 0702 0.52 SA 1331 1.46 2040 0.24		<b>22</b> 0242 1.04 0803 0.60 SU 1415 1.25 2110 0.35	
<b>8</b> 0502 0.35 1131 1.29 SU 1749 0.44 2338 1.07		<b>23</b> 0004 1.11 0545 0.37 MO 1224 1.48 1919 0.29		<b>8</b> 0023 1.01 0553 0.46 TU 1233 1.36 1925 0.39		<b>23</b> 0201 0.95 0706 0.55 WE 1352 1.43 2114 0.29		<b>8</b> 0207 0.95 0714 0.57 FR 1352 1.38 2111 0.31		<b>23</b> 0341 0.99 0847 0.64 SA 1511 1.26 ● 2215 0.35		<b>8</b> 0247 1.07 0807 0.53 SU 1429 1.40 2130 0.23		<b>23</b> 0334 1.08 0908 0.63 MO 1506 1.15 ● 2150 0.38	
<b>9</b> 0533 0.40 1212 1.28 MO 1843 0.46		<b>24</b> 0109 0.97 0634 0.47 TU 1321 1.42 2036 0.32		<b>9</b> 0115 0.95 0634 0.52 WE 1319 1.33 2027 0.40		<b>24</b> 0315 0.92 0811 0.61 TH 1455 1.34 ● 2217 0.32		<b>9</b> 0315 0.97 0823 0.58 SA 1456 1.37 ● 2210 0.28		<b>24</b> 0439 1.04 1000 0.64 SU 1610 1.20 2300 0.36		<b>9</b> 0347 1.14 0918 0.52 MO 1530 1.34 ● 2220 0.23		<b>24</b> 0426 1.13 1023 0.63 TU 1605 1.06 2233 0.40	
<b>10</b> 0027 0.98 0610 0.46 TU 1258 1.27 1947 0.48		<b>25</b> 0229 0.89 0735 0.55 WE 1428 1.36 ● 2153 0.33		<b>10</b> 0218 0.90 0729 0.57 TH 1417 1.31 2137 0.39		<b>25</b> 0430 0.94 0927 0.63 FR 1602 1.29 2315 0.33		<b>10</b> 0421 1.04 0939 0.56 SU 1604 1.37 2304 0.23		<b>25</b> 0530 1.11 1114 0.61 MO 1707 1.15 2340 0.35		<b>10</b> 0445 1.23 1035 0.49 TU 1637 1.28 2309 0.23		<b>25</b> 0516 1.20 1139 0.59 WE 1709 1.01 2316 0.41	
<b>11</b> 0129 0.90 0659 0.52 WE 1354 1.26 ● 2104 0.46		<b>26</b> 0356 0.89 0850 0.59 TH 1541 1.33 2259 0.31		<b>11</b> 0334 0.90 0840 0.59 FR 1527 1.31 ● 2246 0.34		<b>26</b> 0531 0.99 1045 0.61 SA 1707 1.26		<b>11</b> 0519 1.14 1054 0.49 MO 1709 1.38 2353 0.19		<b>26</b> 0613 1.19 1217 0.56 TU 1801 1.13		<b>11</b> 0539 1.34 1151 0.42 WE 1744 1.22 2357 0.24		<b>26</b> 0603 1.27 1245 0.52 TH 1812 0.98	
<b>12</b> 0248 0.86 0805 0.55 TH 1502 1.28 2219 0.40		<b>27</b> 0504 0.94 1009 0.57 FR 1647 1.33 2350 0.29		<b>12</b> 0449 0.95 1000 0.56 SA 1639 1.36 2345 0.26		<b>27</b> 0001 0.33 0619 1.07 SU 1152 0.56 1802 1.25		<b>12</b> 0611 1.26 1203 0.40 TU 1809 1.39		<b>27</b> 0017 0.35 0652 1.27 WE 1312 0.49 1851 1.11		<b>12</b> 0631 1.46 1302 0.32 TH 1848 1.18		<b>27</b> 0000 0.42 0647 1.34 FR 1338 0.44 1909 0.98	
<b>13</b> 0409 0.89 0922 0.54 FR 1612 1.35 2322 0.31		<b>28</b> 0555 1.01 1115 0.52 SA 1742 1.35		<b>13</b> 0550 1.04 1114 0.49 SU 1743 1.43		<b>28</b> 0041 0.31 0700 1.14 MO 1247 0.50 1848 1.25		<b>13</b> 0039 0.16 0700 1.39 WE 1307 0.30 1907 1.37		<b>28</b> 0051 0.35 0729 1.35 TH 1359 0.42 1937 1.09		<b>13</b> 0044 0.26 0723 1.56 FR 1406 0.23 1951 1.14		<b>28</b> 0043 0.42 0730 1.42 SA 1424 0.36 2000 0.99	
<b>14</b> 0515 0.96 1033 0.48 SA 1714 1.44		<b>29</b> 0031 0.27 0635 1.08 SU 1207 0.46 1827 1.36		<b>14</b> 0036 0.18 0642 1.15 MO 1218 0.39 1839 1.49		<b>29</b> 0115 0.30 0735 1.22 TU 1334 0.44 1930 1.24		<b>14</b> 0122 0.16 0746 1.51 TH 1408 0.21 2003 1.33		<b>29</b> 0125 0.35 0803 1.42 FR 1441 0.35 2021 1.08		<b>14</b> 0130 0.29 0813 1.64 SA 1505 0.16 2051 1.11		<b>29</b> 0125 0.42 0811 1.48 SU 1507 0.29 2046 1.01	
<b>15</b> 0015 0.22 0609 1.06 SU 1134 0.39 1808 1.54		<b>30</b> 0105 0.25 0710 1.14 MO 1251 0.41 1906 1.37		<b>15</b> 0121 0.12 0729 1.28 TU 1317 0.29 1931 1.53		<b>30</b> 0145 0.29 0807 1.29 WE 1416 0.39 2009 1.23		<b>15</b> 0204 0.18 0833 1.61 FR 1505 0.14 2100 1.27		<b>30</b> 0159 0.37 0838 1.48 SA 1521 0.30 2104 1.07		<b>15</b> 0217 0.32 0902 1.68 SU 1600 0.12 ○ 2147 1.09		<b>30</b> 0206 0.41 0852 1.54 MO 1548 0.24 2130 1.04	
				<b>31</b> 0214 0.29 0838 1.36 TH 1456 0.35 2046 1.21									<b>31</b> 0248 0.40 0933 1.58 TU 1630 0.20 ● 2215 1.06		

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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