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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

2018

Local Time

| JANUARY | | | | FEBRUARY | | | | MARCH | | | | APRIL | | | |
|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|-----------|---------------------|---|
| Time | m | Time | m | Time | m | Time | m | Time | m | Time | m | Time | m | Time | m |
| 1 0152 0.23 | | 16 0219 0.39 | | 1 0325 0.23 | | 16 0321 0.36 | | 1 0223 0.28 | | 16 0225 0.41 | | 1 0258 0.27 | | 16 0232 0.32 | |
| MO 0830 1.68 | | TU 0903 1.49 | | TH 1000 1.75 | | FR 0953 1.51 | | TH 0854 1.66 | | FR 0848 1.46 | | SU 0910 1.49 | | MO 0837 1.43 | |
| MO 1515 0.11 | | TU 1547 0.26 | | TH 1644 0.03 | | FR 1629 0.23 | | TH 1533 0.09 | | FR 1518 0.27 | | SU 1521 0.25 | | MO 1445 0.29 | |
| 2105 1.22 | | 2132 1.09 | | 2240 1.26 | | ● 2222 1.20 | | 2133 1.31 | | 2118 1.27 | | 2135 1.48 | | ● 2101 1.54 | |
| 2 0244 0.23 | | 17 0258 0.38 | | 2 0418 0.24 | | 17 0400 0.35 | | 2 0316 0.24 | | 17 0306 0.37 | | 2 0345 0.29 | | 17 0317 0.28 | |
| 0922 1.75 | | 0940 1.51 | | 1049 1.72 | | 1029 1.50 | | 0944 1.66 | | 0927 1.48 | | 0953 1.41 | | 0922 1.40 | |
| TU 1609 0.04 | | WE 1623 0.24 | | FR 1730 0.05 | | SA 1700 0.22 | | FR 1617 0.09 | | SA 1552 0.25 | | MO 1556 0.31 | | TU 1522 0.32 | |
| ○ 2202 1.23 | | ● 2210 1.11 | | 2330 1.27 | | 2259 1.23 | | ○ 2219 1.35 | | ● 2154 1.33 | | 2213 1.48 | | 2142 1.59 | |
| 3 0336 0.24 | | 18 0336 0.38 | | 3 0511 0.27 | | 18 0442 0.35 | | 3 0408 0.24 | | 18 0346 0.33 | | 3 0431 0.32 | | 18 0405 0.26 | |
| 1014 1.78 | | 1015 1.52 | | 1137 1.65 | | 1104 1.48 | | 1030 1.62 | | 1003 1.47 | | 1035 1.32 | | 1010 1.36 | |
| WE 1701 0.02 | | TH 1657 0.23 | | SA 1815 0.10 | | SU 1734 0.23 | | SA 1659 0.13 | | SU 1625 0.25 | | TU 1630 0.38 | | WE 1601 0.36 | |
| 2258 1.23 | | 2247 1.12 | | 2337 1.25 | | 2337 1.25 | | 2303 1.37 | | 2230 1.38 | | 2250 1.46 | | 2225 1.61 | |
| 4 0430 0.27 | | 19 0415 0.38 | | 4 0017 1.27 | | 19 0524 0.36 | | 4 0458 0.26 | | 19 0430 0.31 | | 4 0517 0.36 | | 19 0457 0.26 | |
| 1105 1.76 | | 1050 1.51 | | 0604 0.32 | | 1141 1.44 | | 1116 1.54 | | 1043 1.45 | | 1116 1.22 | | 1101 1.30 | |
| TH 1753 0.03 | | FR 1731 0.23 | | SU 1223 1.53 | | MO 1808 0.25 | | SU 1738 0.19 | | MO 1658 0.26 | | WE 1701 0.45 | | TH 1645 0.41 | |
| 2351 1.22 | | 2325 1.13 | | 1857 0.18 | | | | 2346 1.37 | | 2309 1.42 | | 2327 1.43 | | 2312 1.60 | |
| 5 0524 0.31 | | 20 0456 0.40 | | 5 0105 1.26 | | 20 0017 1.27 | | 5 0547 0.30 | | 20 0514 0.31 | | 5 0603 0.40 | | 20 0553 0.27 | |
| 1156 1.70 | | 1125 1.49 | | 0658 0.38 | | 0610 0.37 | | 1200 1.43 | | 1123 1.40 | | 1200 1.14 | | 1157 1.23 | |
| FR 1844 0.07 | | SA 1806 0.24 | | MO 1309 1.39 | | TU 1220 1.37 | | MO 1815 0.27 | | TU 1733 0.29 | | TH 1735 0.53 | | FR 1732 0.48 | |
| | | | | 1938 0.26 | | 1844 0.28 | | | | 2349 1.44 | | | | | |
| 6 0045 1.20 | | 21 0005 1.14 | | 6 0154 1.24 | | 21 0100 1.29 | | 6 0028 1.36 | | 21 0602 0.32 | | 6 0006 1.39 | | 21 0002 1.57 | |
| 0620 0.36 | | 0538 0.42 | | 0753 0.45 | | 0700 0.40 | | 0637 0.36 | | 1208 1.33 | | 0653 0.45 | | 0654 0.29 | |
| SA 1245 1.59 | | SU 1200 1.45 | | TU 1355 1.24 | | WE 1304 1.29 | | TU 1242 1.30 | | WE 1811 0.34 | | FR 1246 1.06 | | SA 1259 1.16 | |
| 1933 0.13 | | 1843 0.25 | | 2018 0.34 | | 1924 0.32 | | 1850 0.35 | | | | 1815 0.59 | | 1829 0.55 | |
| 7 0139 1.19 | | 22 0047 1.15 | | 7 0244 1.22 | | 22 0148 1.30 | | 7 0110 1.33 | | 22 0033 1.45 | | 7 0049 1.34 | | 22 0100 1.52 | |
| 0717 0.42 | | 0624 0.44 | | 0855 0.51 | | 0759 0.42 | | 0729 0.42 | | 0655 0.34 | | 0747 0.48 | | 0801 0.31 | |
| SU 1336 1.46 | | MO 1239 1.39 | | WE 1445 1.11 | | TH 1357 1.19 | | WE 1325 1.17 | | TH 1258 1.25 | | SA 1343 1.01 | | SU 1409 1.13 | |
| 2022 0.21 | | 1920 0.27 | | 2102 0.41 | | 2011 0.37 | | 1925 0.43 | | 1854 0.40 | | 1904 0.65 | | 1934 0.60 | |
| 8 0235 1.18 | | 23 0133 1.16 | | 8 0338 1.22 | | 23 0243 1.32 | | 8 0153 1.30 | | 23 0121 1.44 | | 8 0142 1.29 | | 23 0206 1.48 | |
| 0819 0.48 | | 0715 0.47 | | 1005 0.54 | | 0906 0.44 | | 0824 0.48 | | 0754 0.36 | | 0848 0.49 | | 0910 0.31 | |
| MO 1428 1.32 | | TU 1322 1.32 | | TH 1545 1.00 | | FR 1502 1.11 | | TH 1413 1.06 | | FR 1356 1.16 | | SU 1450 1.00 | | MO 1523 1.15 | |
| 2110 0.28 | | 2002 0.29 | | ● 2150 0.46 | | ● 2107 0.41 | | 2004 0.50 | | 1944 0.46 | | ● 2010 0.68 | | ● 2050 0.60 | |
| 9 0332 1.19 | | 24 0223 1.19 | | 9 0436 1.23 | | 24 0345 1.34 | | 9 0241 1.26 | | 24 0217 1.42 | | 9 0245 1.26 | | 24 0317 1.45 | |
| 0927 0.53 | | 0813 0.49 | | 1120 0.53 | | 1025 0.42 | | 0926 0.51 | | 0903 0.37 | | 0951 0.48 | | 1014 0.30 | |
| TU 1524 1.18 | | WE 1413 1.24 | | FR 1656 0.95 | | SA 1621 1.06 | | FR 1511 0.98 | | SA 1504 1.09 | | MO 1603 1.02 | | TU 1631 1.21 | |
| ● 2157 0.33 | | 2048 0.31 | | 2245 0.49 | | 2213 0.43 | | ● 2053 0.56 | | 2045 0.52 | | 2123 0.68 | | 2207 0.57 | |
| 10 0430 1.21 | | 25 0318 1.23 | | 10 0534 1.26 | | 25 0454 1.40 | | 10 0337 1.24 | | 25 0322 1.41 | | 10 0353 1.27 | | 25 0426 1.45 | |
| 1041 0.54 | | 0921 0.50 | | 1229 0.48 | | 1144 0.35 | | 1036 0.52 | | 1018 0.36 | | 1049 0.45 | | 1112 0.28 | |
| WE 1626 1.08 | | TH 1515 1.16 | | SA 1807 0.95 | | SU 1740 1.07 | | SA 1623 0.95 | | SU 1623 1.07 | | TU 1704 1.08 | | WE 1730 1.29 | |
| 2245 0.38 | | ● 2142 0.33 | | 2340 0.49 | | 2321 0.42 | | 2155 0.60 | | ● 2157 0.54 | | 2232 0.64 | | 2316 0.50 | |
| 11 0527 1.25 | | 26 0418 1.29 | | 11 0628 1.30 | | 26 0600 1.47 | | 11 0441 1.24 | | 26 0434 1.43 | | 11 0454 1.30 | | 26 0528 1.45 | |
| 1155 0.52 | | 1038 0.46 | | 1323 0.42 | | 1254 0.27 | | 1145 0.49 | | 1132 0.32 | | 1138 0.40 | | 1202 0.27 | |
| TH 1731 1.02 | | FR 1630 1.11 | | SU 1905 0.98 | | MO 1850 1.12 | | SU 1739 0.96 | | MO 1740 1.11 | | WE 1751 1.16 | | TH 1821 1.37 | |
| 2332 0.40 | | 2241 0.34 | | | | | | 2302 0.60 | | 2313 0.51 | | 2330 0.58 | | | |
| 12 0619 1.30 | | 27 0519 1.38 | | 12 0031 0.48 | | 27 0027 0.38 | | 12 0544 1.27 | | 27 0544 1.47 | | 12 0545 1.34 | | 27 0017 0.43 | |
| 1258 0.47 | | 1156 0.39 | | 0716 1.35 | | 0702 1.55 | | 1243 0.44 | | 1237 0.26 | | 1220 0.36 | | 0624 1.45 | |
| FR 1833 1.00 | | SA 1745 1.10 | | MO 1407 0.36 | | TU 1354 0.18 | | MO 1840 1.01 | | TU 1845 1.19 | | TH 1831 1.24 | | FR 1247 0.27 | |
| | | 2341 0.33 | | 1953 1.03 | | 1950 1.18 | | | | | | | 1907 1.44 | | |
| 13 0017 0.41 | | 28 0620 1.48 | | 13 0118 0.45 | | 28 0127 0.32 | | 13 0004 0.56 | | 28 0021 0.45 | | 13 0019 0.51 | | 28 0111 0.37 | |
| 0705 1.35 | | 1306 0.29 | | 0800 1.41 | | 0800 1.62 | | 0639 1.32 | | 0646 1.52 | | 0631 1.38 | | 0715 1.43 | |
| SA 1349 0.40 | | SU 1854 1.12 | | TU 1445 0.31 | | WE 1446 0.12 | | TU 1329 0.38 | | WE 1332 0.21 | | FR 1259 0.33 | | SA 1328 0.29 | |
| 1927 1.01 | | | | 2033 1.08 | | 2044 1.25 | | 1927 1.08 | | 1940 1.27 | | 1909 1.32 | | 1948 1.50 | |
| 14 0100 0.40 | | 29 0039 0.30 | | 14 0201 0.41 | | 29 0200 0.38 | | 14 0057 0.51 | | 29 0123 0.38 | | 14 0104 0.44 | | 29 0200 0.34 | |
| 0747 1.40 | | 0718 1.58 | | 0840 1.45 | | 0802 1.55 | | 0727 1.37 | | 0744 1.55 | | 0714 1.41 | | 0802 1.39 | |
| SU 1432 0.35 | | MO 1408 0.18 | | WE 1521 0.27 | | 2111 1.12 | | WE 1409 0.33 | | TH 1421 0.18 | | SA 1334 0.30 | | SU 1405 0.33 | |
| 2013 1.03 | | 1958 1.16 | | | | | | 2007 1.15 | | 2029 1.35 | | 1945 1.40 | | 2028 1.54 | |
| 15 0141 0.40 | | 30 0136 0.27 | | 15 0242 0.38 | | 30 0217 0.32 | | 15 0143 0.46 | | 30 0217 0.32 | | 15 0148 0.37 | | 30 0246 0.32 | |
| 0826 1.45 | | 0815 1.67 | | 0917 1.49 | | 0836 1.56 | | 0809 1.42 | | 0836 1.56 | | 0755 1.43 | | 0846 1.34 | |
| MO 1512 0.30 | | TU 1503 0.10 | | TH 1555 0.24 | | 1504 0.18 | | TH 1445 0.29 | | FR 1504 0.18 | | SU 1410 0.29 | | MO 1440 0.37 | |
| 2054 1.06 | | 2056 1.20 | | 2146 1.16 | | | | 2044 1.21 | | 2113 1.41 | | 2023 1.48 | | ○ 2104 1.56 | |
| | | | | | | | | | | | | | | | |
| | | 31 0230 0.24 | | | | | | | | 31 0309 0.29 | | | | | |
| | | 0908 1.73 | | | | | | | | 0924 1.54 | | | | | |
| | | WE 1555 0.04 | | | | | | | | SA 1544 0.21 | | | | | |
| | | ○ 2149 1.24 | | | | | | | | ○ 2155 1.45 | | | | | |

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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

2018

Local Time

| MAY | | | | JUNE | | | | JULY | | | | AUGUST | | | |
|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|
| Time | m | Time | m | Time | m | Time | m | Time | m | Time | m | Time | m | Time | m |
| 1 0330 0.32 | | 16 0306 0.24 | | 1 0433 0.33 | | 16 0443 0.11 | | 1 0445 0.30 | | 16 0517 0.07 | | 1 0525 0.26 | | 16 0615 0.20 | |
| 0930 1.29 | | 0904 1.35 | | 1029 1.15 | | 1044 1.26 | | 1042 1.13 | | 1120 1.27 | | 1132 1.18 | | 1232 1.31 | |
| TU 1513 0.42 | | WE 1450 0.36 | | FR 1545 0.55 | | SA 1611 0.42 | | SU 1601 0.52 | | MO 1655 0.37 | | WE 1708 0.47 | | TH 1835 0.40 | |
| 2140 1.56 | | 2118 1.72 | | 2220 1.55 | | 2243 1.77 | | 2232 1.52 | | 2320 1.67 | | 2321 1.38 | | | |
| 2 0414 0.33 | | 17 0358 0.20 | | 2 0513 0.35 | | 17 0538 0.12 | | 2 0523 0.31 | | 17 0607 0.11 | | 2 0601 0.28 | | 17 0037 1.28 | |
| 1011 1.23 | | 0959 1.31 | | 1110 1.13 | | 1141 1.25 | | 1124 1.13 | | 1214 1.28 | | 1215 1.19 | | 0659 0.29 | |
| WE 1545 0.48 | | TH 1536 0.40 | | SA 1625 0.59 | | SU 1708 0.46 | | MO 1645 0.55 | | TU 1754 0.41 | | TH 1758 0.50 | | FR 1324 1.29 | |
| 2215 1.54 | | 2206 1.73 | | 2258 1.51 | | 2337 1.70 | | 2310 1.47 | | | | | | 1939 0.45 | |
| 3 0456 0.35 | | 18 0452 0.19 | | 3 0554 0.36 | | 18 0633 0.15 | | 3 0602 0.32 | | 18 0012 1.55 | | 3 0002 1.31 | | 18 0130 1.13 | |
| 1053 1.18 | | 1055 1.27 | | 1154 1.12 | | 1240 1.24 | | 1207 1.14 | | 0656 0.18 | | 0640 0.31 | | 0743 0.37 | |
| TH 1618 0.53 | | FR 1625 0.45 | | SU 1709 0.62 | | MO 1809 0.51 | | TU 1730 0.58 | | WE 1309 1.28 | | FR 1301 1.21 | | SA 1418 1.28 | |
| 2250 1.51 | | 2256 1.71 | | 2337 1.46 | | | | 2350 1.41 | | 1856 0.47 | | 1853 0.52 | | ☉ 2050 0.48 | |
| 4 0538 0.38 | | 19 0549 0.20 | | 4 0637 0.38 | | 19 0032 1.60 | | 4 0643 0.34 | | 19 0105 1.40 | | 4 0051 1.22 | | 19 0232 1.01 | |
| 1136 1.13 | | 1153 1.23 | | 1242 1.11 | | 0728 0.20 | | 1254 1.15 | | 0744 0.25 | | 0723 0.33 | | 0830 0.43 | |
| FR 1655 0.59 | | SA 1719 0.51 | | MO 1758 0.66 | | TU 1340 1.25 | | WE 1822 0.60 | | TH 1405 1.29 | | SA 1353 1.25 | | SU 1515 1.28 | |
| 2328 1.47 | | 2350 1.66 | | | | 1915 0.55 | | | | 2003 0.51 | | 1958 0.52 | | 2204 0.48 | |
| 5 0623 0.41 | | 20 0649 0.22 | | 5 0021 1.40 | | 20 0130 1.49 | | 5 0033 1.34 | | 20 0202 1.26 | | 5 0149 1.14 | | 20 0342 0.95 | |
| 1222 1.09 | | 1256 1.21 | | 0723 0.40 | | 0821 0.25 | | 0726 0.35 | | 0831 0.32 | | 0813 0.36 | | 0924 0.47 | |
| SA 1737 0.64 | | SU 1819 0.57 | | TU 1334 1.11 | | WE 1441 1.27 | | TH 1344 1.17 | | FR 1502 1.30 | | SU 1449 1.30 | | MO 1614 1.30 | |
| | | | | 1854 0.69 | | ☉ 2025 0.57 | | 1921 0.62 | | ☉ 2116 0.53 | | ☉ 2111 0.49 | | 2312 0.43 | |
| 6 0009 1.41 | | 21 0047 1.59 | | 6 0112 1.34 | | 21 0231 1.37 | | 6 0124 1.27 | | 21 0303 1.14 | | 6 0300 1.09 | | 21 0451 0.94 | |
| 0712 0.43 | | 0750 0.25 | | 0812 0.41 | | 0913 0.30 | | 0811 0.36 | | 0919 0.38 | | 0908 0.37 | | 1019 0.48 | |
| SU 1314 1.07 | | MO 1401 1.20 | | WE 1430 1.14 | | TH 1540 1.32 | | FR 1436 1.22 | | SA 1600 1.33 | | MO 1548 1.37 | | TU 1708 1.33 | |
| 1828 0.69 | | 1927 0.60 | | 1959 0.70 | | 2139 0.56 | | ☉ 2028 0.61 | | 2230 0.51 | | 2227 0.41 | | | |
| 7 0058 1.35 | | 22 0151 1.51 | | 7 0208 1.29 | | 22 0335 1.28 | | 7 0223 1.22 | | 22 0410 1.06 | | 7 0415 1.07 | | 22 0006 0.38 | |
| 0804 0.45 | | 0850 0.27 | | 0901 0.40 | | 1001 0.34 | | 0859 0.36 | | 1006 0.41 | | 1007 0.36 | | 0550 0.97 | |
| MO 1414 1.06 | | TU 1508 1.23 | | TH 1525 1.20 | | FR 1636 1.37 | | SA 1530 1.29 | | SU 1653 1.37 | | TU 1648 1.47 | | WE 1112 0.47 | |
| 1930 0.72 | | ☉ 2041 0.61 | | ☉ 2108 0.67 | | 2251 0.52 | | 2139 0.57 | | 2337 0.46 | | 2336 0.31 | | 1758 1.37 | |
| 8 0155 1.31 | | 23 0258 1.44 | | 8 0309 1.26 | | 23 0438 1.21 | | 8 0329 1.18 | | 23 0513 1.02 | | 8 0523 1.10 | | 23 0050 0.32 | |
| 0900 0.45 | | 0946 0.29 | | 0949 0.39 | | 1047 0.37 | | 0948 0.36 | | 1053 0.43 | | 1106 0.33 | | 0638 1.02 | |
| TU 1518 1.09 | | WE 1610 1.29 | | FR 1617 1.27 | | SA 1727 1.42 | | SU 1624 1.38 | | MO 1743 1.41 | | WE 1745 1.57 | | TH 1200 0.44 | |
| ☉ 2041 0.72 | | 2157 0.58 | | 2216 0.62 | | 2354 0.47 | | 2248 0.49 | | | | | | 1842 1.41 | |
| 9 0259 1.28 | | 24 0403 1.39 | | 9 0410 1.25 | | 24 0536 1.16 | | 9 0435 1.17 | | 24 0031 0.40 | | 9 0038 0.20 | | 24 0130 0.27 | |
| 0953 0.44 | | 1039 0.31 | | 1035 0.37 | | 1130 0.40 | | 1039 0.34 | | 0610 1.02 | | 0627 1.14 | | 0718 1.07 | |
| WE 1616 1.15 | | TH 1706 1.36 | | SA 1705 1.37 | | SU 1813 1.47 | | MO 1716 1.48 | | TU 1139 0.44 | | TH 1203 0.30 | | FR 1245 0.41 | |
| 2152 0.69 | | 2306 0.53 | | 2318 0.53 | | | | 2353 0.38 | | 1827 1.45 | | 1842 1.66 | | 1921 1.45 | |
| 10 0401 1.28 | | 25 0504 1.35 | | 10 0508 1.26 | | 25 0048 0.42 | | 10 0538 1.18 | | 25 0116 0.35 | | 10 0133 0.11 | | 25 0204 0.24 | |
| 1043 0.41 | | 1127 0.33 | | 1120 0.35 | | 0630 1.13 | | 1130 0.33 | | 0658 1.04 | | 0725 1.19 | | 0755 1.11 | |
| TH 1706 1.23 | | FR 1757 1.43 | | SU 1750 1.47 | | MO 1211 0.42 | | TU 1807 1.59 | | WE 1221 0.44 | | FR 1300 0.26 | | SA 1325 0.38 | |
| 2256 0.62 | | | | | | 1855 1.51 | | | | 1907 1.48 | | 1936 1.73 | | 1959 1.48 | |
| 11 0458 1.31 | | 26 0008 0.46 | | 11 0015 0.43 | | 26 0135 0.37 | | 11 0052 0.27 | | 26 0157 0.30 | | 11 0225 0.04 | | 26 0237 0.22 | |
| 1127 0.38 | | 0600 1.31 | | 0602 1.28 | | 0717 1.12 | | 0638 1.20 | | 0741 1.07 | | 0820 1.24 | | 0830 1.15 | |
| FR 1749 1.32 | | SA 1209 0.35 | | MO 1205 0.33 | | TU 1248 0.44 | | WE 1222 0.31 | | TH 1301 0.43 | | SA 1355 0.24 | | SU 1405 0.36 | |
| 2350 0.54 | | 1841 1.49 | | 1836 1.58 | | 1932 1.54 | | 1900 1.69 | | 1945 1.51 | | ☉ 2029 1.77 | | ☉ 2035 1.49 | |
| 12 0548 1.33 | | 27 0101 0.41 | | 12 0109 0.33 | | 27 0217 0.33 | | 12 0147 0.17 | | 27 0233 0.27 | | 12 0315 0.01 | | 27 0310 0.20 | |
| 1208 0.35 | | 0652 1.28 | | 0657 1.29 | | 0801 1.12 | | 0737 1.22 | | 0819 1.10 | | 0913 1.28 | | 0906 1.18 | |
| SA 1830 1.42 | | SU 1248 0.37 | | TU 1249 0.33 | | WE 1326 0.45 | | TH 1314 0.30 | | FR 1342 0.42 | | SU 1450 0.23 | | MO 1445 0.35 | |
| | | 1922 1.54 | | 1922 1.67 | | 2009 1.56 | | 1951 1.76 | | 2022 1.53 | | 2120 1.75 | | 2110 1.48 | |
| 13 0040 0.45 | | 28 0149 0.37 | | 13 0201 0.24 | | 28 0256 0.31 | | 13 0242 0.10 | | 28 0308 0.25 | | 13 0402 0.01 | | 28 0342 0.20 | |
| 0636 1.36 | | 0739 1.25 | | 0752 1.29 | | 0843 1.13 | | 0835 1.24 | | 0858 1.12 | | 1003 1.30 | | 0943 1.21 | |
| SU 1247 0.33 | | MO 1325 0.41 | | WE 1336 0.33 | | TH 1402 0.47 | | FR 1407 0.30 | | SA 1421 0.42 | | MO 1545 0.24 | | TU 1525 0.35 | |
| 1910 1.51 | | 2000 1.57 | | 2010 1.75 | | ☉ 2045 1.57 | | ☉ 2044 1.80 | | ☉ 2059 1.53 | | 2210 1.69 | | 2145 1.45 | |
| 14 0129 0.37 | | 29 0233 0.34 | | 14 0254 0.17 | | 29 0332 0.30 | | 14 0334 0.05 | | 29 0342 0.24 | | 14 0448 0.05 | | 29 0414 0.21 | |
| 0724 1.37 | | 0824 1.22 | | 0849 1.29 | | 0922 1.13 | | 0930 1.26 | | 0934 1.14 | | 1053 1.32 | | 1019 1.24 | |
| MO 1327 0.32 | | TU 1359 0.44 | | TH 1425 0.35 | | FR 1441 0.48 | | SA 1501 0.31 | | SU 1500 0.42 | | TU 1640 0.28 | | WE 1606 0.35 | |
| 1951 1.60 | | 2035 1.59 | | ☉ 2100 1.79 | | 2120 1.57 | | 2136 1.81 | | 2133 1.52 | | 2300 1.58 | | 2220 1.40 | |
| 15 0216 0.29 | | 30 0315 0.33 | | 15 0347 0.13 | | 30 0409 0.29 | | 15 0426 0.04 | | 30 0416 0.24 | | 15 0532 0.12 | | 30 0446 0.23 | |
| 0813 1.36 | | 0906 1.19 | | 0946 1.28 | | 1002 1.13 | | 1026 1.27 | | 1013 1.15 | | 1143 1.32 | | 1059 1.26 | |
| TU 1407 0.33 | | WE 1433 0.48 | | FR 1516 0.38 | | SA 1520 0.50 | | SU 1558 0.33 | | MO 1541 0.43 | | WE 1736 0.33 | | TH 1651 0.37 | |
| ☉ 2033 1.67 | | ☉ 2110 1.59 | | 2150 1.80 | | 2156 1.55 | | 2229 1.76 | | 2209 1.49 | | 2347 1.43 | | 2258 1.33 | |
| | | 31 0354 0.33 | | | | | | 31 0450 0.25 | | | | | | 31 0521 0.26 | |
| | | 0947 1.17 | | | | | | TU 1623 0.45 | | | | | | 1139 1.28 | |
| | | TH 1508 0.51 | | | | | | 2245 1.45 | | | | | | FR 1740 0.39 | |
| | | 2145 1.58 | | | | | | | | | | | | 2341 1.25 | |

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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

2018

Local Time

| SEPTEMBER | | | | OCTOBER | | | | NOVEMBER | | | | DECEMBER | | | |
|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|---|---------------------|-----------|---------------------|---|
| Time | m | Time | m | Time | m | Time | m | Time | m | Time | m | Time | m | Time | m |
| 1 0559 0.30 | | 16 0100 1.04 | | 1 0025 1.10 | | 16 0230 0.94 | | 1 0345 1.05 | | 16 0401 1.00 | | 1 0434 1.17 | | 16 0404 1.08 | |
| 1225 1.29 | | 0650 0.44 | | 0612 0.40 | | 0749 0.57 | | 0908 0.52 | | 0917 0.64 | | 1013 0.51 | | 0939 0.62 | |
| SA 1835 0.42 | | SU 1327 1.28 | | MO 1246 1.38 | | TU 1429 1.26 | | TH 1539 1.41 | | FR 1539 1.22 | | SA 1625 1.35 | | SU 1544 1.18 | |
| | | 2016 0.44 | | 1931 0.33 | | 2139 0.41 | | ☉ 2241 0.22 | | ☉ 2239 0.36 | | 2309 0.21 | | 2230 0.35 | |
| 2 0030 1.15 | | 17 0201 0.95 | | 2 0131 1.03 | | 17 0339 0.93 | | 2 0455 1.11 | | 17 0501 1.05 | | 2 0534 1.25 | | 17 0459 1.15 | |
| 0643 0.35 | | 0739 0.51 | | 0710 0.46 | | 0852 0.61 | | 1025 0.50 | | 1030 0.62 | | 1128 0.47 | | 1051 0.59 | |
| SU 1315 1.30 | | MO 1423 1.25 | | TU 1348 1.37 | | WE 1530 1.23 | | FR 1648 1.40 | | SA 1644 1.20 | | SU 1730 1.30 | | MO 1646 1.15 | |
| 1940 0.42 | | ☉ 2127 0.44 | | ☉ 2045 0.32 | | ☉ 2242 0.40 | | 2340 0.19 | | 2329 0.34 | | | | 2318 0.33 | |
| 3 0133 1.07 | | 18 0314 0.91 | | 3 0247 1.01 | | 18 0450 0.95 | | 3 0557 1.19 | | 18 0552 1.13 | | 3 0000 0.22 | | 18 0548 1.24 | |
| 0735 0.39 | | 0839 0.55 | | 0819 0.48 | | 1005 0.61 | | 1138 0.44 | | 1137 0.57 | | 0628 1.33 | | 1158 0.52 | |
| MO 1415 1.33 | | TU 1525 1.24 | | WE 1458 1.39 | | TH 1637 1.22 | | SA 1753 1.41 | | SU 1741 1.21 | | MO 1235 0.41 | | TU 1746 1.14 | |
| ☉ 2054 0.40 | | 2233 0.42 | | 2200 0.27 | | 2337 0.37 | | | | | | 1830 1.26 | | | |
| 4 0248 1.02 | | 19 0427 0.92 | | 4 0404 1.04 | | 19 0550 1.02 | | 4 0032 0.17 | | 19 0013 0.31 | | 4 0045 0.24 | | 19 0003 0.31 | |
| 0838 0.41 | | 0945 0.55 | | 0934 0.46 | | 1115 0.58 | | 0650 1.28 | | 0636 1.22 | | 0717 1.41 | | 0635 1.34 | |
| TU 1520 1.37 | | WE 1628 1.26 | | TH 1608 1.43 | | FR 1738 1.24 | | SU 1244 0.36 | | MO 1234 0.49 | | TU 1336 0.34 | | WE 1258 0.43 | |
| 2212 0.34 | | 2329 0.37 | | 2304 0.20 | | | | 1852 1.41 | | 1832 1.23 | | 1927 1.22 | | 1843 1.15 | |
| 5 0406 1.02 | | 20 0526 0.98 | | 5 0511 1.12 | | 20 0025 0.33 | | 5 0119 0.16 | | 20 0053 0.28 | | 5 0127 0.26 | | 20 0046 0.29 | |
| 0946 0.41 | | 1047 0.52 | | 1045 0.40 | | 0637 1.09 | | 0739 1.37 | | 0715 1.31 | | 0801 1.47 | | 0719 1.44 | |
| WE 1627 1.45 | | TH 1722 1.30 | | FR 1713 1.48 | | SA 1215 0.52 | | MO 1342 0.30 | | TU 1325 0.41 | | WE 1429 0.29 | | TH 1352 0.33 | |
| 2322 0.24 | | | | 1830 1.28 | | | | 1945 1.40 | | 1919 1.25 | | 2017 1.19 | | 1936 1.17 | |
| 6 0517 1.07 | | 21 0014 0.32 | | 6 0000 0.14 | | 21 0105 0.28 | | 6 0201 0.16 | | 21 0130 0.26 | | 6 0205 0.29 | | 21 0130 0.28 | |
| 1052 0.36 | | 0612 1.04 | | 0607 1.21 | | 0717 1.17 | | 0823 1.45 | | 0754 1.41 | | 0843 1.52 | | 0804 1.55 | |
| TH 1729 1.53 | | FR 1141 0.47 | | SA 1148 0.33 | | SU 1305 0.45 | | TU 1434 0.24 | | WE 1413 0.33 | | TH 1516 0.25 | | FR 1443 0.24 | |
| | | 1810 1.34 | | 1811 1.53 | | 1915 1.31 | | 2035 1.36 | | 2004 1.26 | | 2104 1.16 | | 2030 1.18 | |
| 7 0022 0.15 | | 22 0052 0.27 | | 7 0049 0.09 | | 22 0142 0.25 | | 7 0241 0.19 | | 22 0207 0.25 | | 7 0242 0.32 | | 22 0214 0.27 | |
| 0618 1.15 | | 0651 1.11 | | 0758 1.30 | | 0754 1.25 | | 0905 1.50 | | 0833 1.49 | | 0921 1.55 | | 0850 1.63 | |
| FR 1154 0.30 | | SA 1227 0.42 | | SU 1346 0.26 | | MO 1349 0.38 | | WE 1524 0.21 | | TH 1459 0.26 | | FR 1600 0.23 | | SA 1533 0.16 | |
| 1827 1.61 | | 1852 1.39 | | 2004 1.55 | | 1957 1.34 | | 2122 1.31 | | 2050 1.26 | | ☉ 2148 1.13 | | 2123 1.19 | |
| 8 0115 0.07 | | 23 0127 0.23 | | 8 0234 0.08 | | 23 0216 0.23 | | 8 0317 0.24 | | 23 0245 0.25 | | 8 0317 0.36 | | 23 0300 0.27 | |
| 0713 1.22 | | 0727 1.17 | | 0845 1.37 | | 0830 1.33 | | 0945 1.53 | | 0914 1.57 | | 0958 1.55 | | 0937 1.70 | |
| SA 1252 0.24 | | SU 1310 0.37 | | MO 1440 0.21 | | TU 1432 0.32 | | TH 1612 0.21 | | FR 1545 0.20 | | SA 1643 0.23 | | SU 1624 0.10 | |
| 1921 1.66 | | 1930 1.41 | | 2054 1.53 | | 2036 1.35 | | ☉ 2207 1.24 | | ☉ 2138 1.24 | | 2230 1.10 | | ☉ 2216 1.19 | |
| 9 0203 0.03 | | 24 0200 0.21 | | 9 0316 0.09 | | 24 0249 0.22 | | 9 0353 0.29 | | 24 0325 0.27 | | 9 0353 0.40 | | 24 0348 0.28 | |
| 0803 1.29 | | 0801 1.23 | | 0929 1.43 | | 0905 1.40 | | 1023 1.54 | | 0956 1.63 | | 1033 1.54 | | 1027 1.73 | |
| SU 1346 0.20 | | MO 1349 0.33 | | TU 1531 0.18 | | WE 1515 0.28 | | FR 1657 0.22 | | SA 1634 0.16 | | SU 1722 0.24 | | MO 1715 0.07 | |
| 2013 1.68 | | 2007 1.42 | | ☉ 2142 1.48 | | 2115 1.34 | | 2251 1.17 | | 2229 1.22 | | 2311 1.08 | | 2312 1.19 | |
| 10 0248 0.02 | | 25 0231 0.20 | | 10 0356 0.14 | | 25 0323 0.22 | | 10 0427 0.36 | | 25 0408 0.30 | | 10 0430 0.43 | | 25 0440 0.31 | |
| 0851 1.34 | | 0836 1.28 | | 1012 1.46 | | 0942 1.46 | | 1100 1.52 | | 1041 1.65 | | 1110 1.52 | | 1116 1.73 | |
| MO 1440 0.18 | | TU 1430 0.30 | | WE 1622 0.19 | | TH 1558 0.24 | | SA 1742 0.25 | | SU 1725 0.13 | | MO 1801 0.26 | | TU 1808 0.06 | |
| ☉ 2101 1.64 | | ☉ 2043 1.42 | | 2228 1.40 | | ☉ 2158 1.31 | | 2334 1.11 | | 2322 1.18 | | 2352 1.05 | | | |
| 11 0331 0.05 | | 26 0303 0.20 | | 11 0433 0.20 | | 26 0358 0.24 | | 11 0501 0.42 | | 26 0454 0.34 | | 11 0508 0.47 | | 26 0007 1.18 | |
| 0938 1.38 | | 0912 1.33 | | 1053 1.48 | | 1020 1.51 | | 1138 1.49 | | 1129 1.65 | | 1146 1.48 | | 0535 0.34 | |
| TU 1532 0.19 | | WE 1511 0.28 | | TH 1711 0.21 | | FR 1643 0.22 | | SU 1826 0.28 | | MO 1819 0.13 | | TU 1841 0.28 | | WE 1208 1.69 | |
| 2149 1.56 | | 2120 1.39 | | 2314 1.29 | | 2242 1.27 | | | | | | | 1901 0.08 | | |
| 12 0413 0.10 | | 27 0335 0.22 | | 12 0509 0.28 | | 27 0434 0.28 | | 12 0018 1.05 | | 27 0018 1.14 | | 12 0035 1.03 | | 27 0103 1.17 | |
| 1024 1.39 | | 0948 1.36 | | 1133 1.46 | | 1100 1.53 | | 0538 0.48 | | 0545 0.40 | | 0550 0.51 | | 0632 0.39 | |
| WE 1625 0.23 | | TH 1553 0.28 | | FR 1800 0.26 | | SA 1731 0.21 | | MO 1215 1.43 | | TU 1219 1.62 | | WE 1224 1.42 | | TH 1301 1.60 | |
| 2236 1.44 | | 2159 1.34 | | 2358 1.18 | | 2330 1.21 | | 1911 0.32 | | 1916 0.15 | | 1921 0.31 | | 1955 0.12 | |
| 13 0452 0.18 | | 28 0409 0.24 | | 13 0544 0.36 | | 28 0515 0.33 | | 13 0105 1.01 | | 28 0118 1.11 | | 13 0121 1.02 | | 28 0201 1.17 | |
| 1108 1.38 | | 1027 1.39 | | 1213 1.43 | | 1145 1.54 | | 0619 0.54 | | 0642 0.45 | | 0636 0.55 | | 0734 0.43 | |
| TH 1718 0.28 | | FR 1639 0.29 | | SA 1850 0.31 | | SU 1824 0.22 | | TU 1256 1.37 | | WE 1315 1.56 | | TH 1305 1.36 | | FR 1356 1.49 | |
| 2322 1.30 | | 2241 1.27 | | | | | | 1959 0.35 | | 2015 0.17 | | 2006 0.33 | | 2048 0.17 | |
| 14 0530 0.27 | | 29 0445 0.29 | | 14 0044 1.08 | | 29 0024 1.14 | | 14 0157 0.98 | | 29 0222 1.10 | | 14 0211 1.02 | | 29 0302 1.19 | |
| 1153 1.36 | | 1108 1.40 | | 0620 0.44 | | 0600 0.39 | | 0708 0.59 | | 0745 0.49 | | 0729 0.59 | | 0842 0.47 | |
| FR 1814 0.35 | | SA 1730 0.30 | | SU 1253 1.38 | | MO 1233 1.51 | | WE 1343 1.31 | | TH 1414 1.48 | | FR 1351 1.29 | | SA 1455 1.37 | |
| | | 2329 1.18 | | 1942 0.36 | | 1922 0.23 | | 2050 0.37 | | 2116 0.19 | | 2053 0.34 | | ☉ 2141 0.22 | |
| 15 0010 1.16 | | 30 0525 0.34 | | 15 0133 1.00 | | 30 0124 1.08 | | 15 0256 0.97 | | 30 0330 1.12 | | 15 0307 1.04 | | 30 0404 1.22 | |
| 0609 0.36 | | 1154 1.40 | | 0700 0.51 | | 0653 0.45 | | 0807 0.63 | | 0857 0.52 | | 0830 0.62 | | 0956 0.49 | |
| SA 1238 1.32 | | SU 1826 0.32 | | MO 1337 1.32 | | TU 1327 1.47 | | TH 1437 1.25 | | FR 1518 1.41 | | SA 1444 1.23 | | SU 1558 1.25 | |
| 1912 0.40 | | | | 2038 0.40 | | 2027 0.25 | | 2145 0.38 | | ☉ 2215 0.21 | | ☉ 2142 0.35 | | 2232 0.27 | |
| | | | | 31 0231 1.05 | | | | | | | | | | 31 0504 1.27 | |
| | | | | 0756 0.50 | | | | | | | | | | 1113 0.48 | |
| | | | | WE 1430 1.43 | | | | | | | | | | MO 1704 1.16 | |
| | | | | 2135 0.24 | | | | | | | | | | 2322 0.30 | |

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Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter