

Location: W076 52, N39 14

COLUMBIA, MARYLAND
Rise and Set for the Moon for 2012

Astronomical Applications Dept.
U. S. Naval Observatory
Washington, DC 20392-5420

Eastern Standard Time

| Day | Jan. | | Feb. | | Mar. | | Apr. | | May | | June | | July | | Aug. | | Sept. | | Oct. | | Nov. | | Dec. | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|-----------|
| | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set | Rise | Set |
| | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m |
| 01 | 1141 | 0021 | 1155 | 0158 | 1121 | 0135 | 1302 | 0224 | 1404 | 0202 | 1628 | 0215 | 1738 | 0229 | 1848 | 0435 | 1854 | 0642 | 1826 | 0731 | 1902 | 0906 | 1933 | 0920 |
| 02 | 1210 | 0119 | 1239 | 0253 | 1214 | 0225 | 1408 | 0300 | 1513 | 0234 | 1742 | 0258 | 1839 | 0330 | 1923 | 0543 | 1924 | 0743 | 1900 | 0829 | 1951 | 0955 | 2030 | 0959 |
| 03 | 1242 | 0216 | 1330 | 0346 | 1312 | 0310 | 1516 | 0334 | 1625 | 0308 | 1853 | 0348 | 1931 | 0436 | 1955 | 0650 | 1954 | 0843 | 1938 | 0926 | 2044 | 1040 | 2128 | 1034 |
| 04 | 1318 | 0314 | 1427 | 0435 | 1415 | 0352 | 1626 | 0406 | 1739 | 0344 | 1958 | 0446 | 2015 | 0546 | 2025 | 0754 | 2026 | 0942 | 2020 | 1020 | 2139 | 1121 | 2228 | 1106 |
| 05 | 1400 | 0410 | 1529 | 0520 | 1521 | 0430 | 1738 | 0439 | 1855 | 0424 | 2054 | 0551 | 2053 | 0656 | 2054 | 0857 | 2102 | 1040 | 2106 | 1112 | 2237 | 1158 | 2330 | 1136 |
| 06 | 1449 | 0505 | 1635 | 0600 | 1630 | 0506 | 1853 | 0515 | 2008 | 0512 | 2142 | 0700 | 2126 | 0803 | 2123 | 0957 | 2141 | 1136 | 2157 | 1200 | 2337 | 1232 | | 1207 |
| 07 | 1543 | 0557 | 1743 | 0637 | 1740 | 0539 | 2008 | 0553 | 2116 | 0606 | 2222 | 0809 | 2156 | 0909 | 2154 | 1057 | 2224 | 1229 | 2251 | 1244 | | 1305 | 0033 | 1238 |
| 08 | 1643 | 0644 | 1852 | 0710 | 1851 | 0612 | 2122 | 0637 | 2216 | 0707 | 2257 | 0917 | 2225 | 1011 | 2227 | 1155 | 2313 | 1320 | 2349 | 1324 | 0039 | 1336 | 0138 | 1311 |
| 09 | 1746 | 0726 | 2001 | 0743 | 2004 | 0646 | 2231 | 0727 | 2307 | 0813 | 2327 | 1022 | 2253 | 1112 | 2304 | 1251 | | 1407 | | 1401 | 0143 | 1407 | 0247 | 1348 |
| 10 | 1852 | 0804 | 2111 | 0815 | 2118 | 0721 | 2333 | 0823 | 2349 | 0921 | 2356 | 1124 | 2323 | 1211 | 2345 | 1347 | 0006 | 1450 | 0049 | 1435 | 0250 | 1441 | 0358 | 1431 |
| 11 | 1959 | 0839 | 2222 | 0848 | 2230 | 0801 | | 0924 | | 1028 | | 1224 | 2354 | 1309 | | 1439 | 0103 | 1529 | 0152 | 1507 | 0359 | 1517 | 0510 | 1521 |
| 12 | 2106 | 0911 | 2333 | 0923 | 2340 | 0845 | 0027 | 1029 | 0025 | 1132 | 0024 | 1323 | | 1406 | 0031 | 1529 | 0203 | 1605 | 0257 | 1540 | 0512 | 1558 | 0620 | 1620 |
| 13 | 2214 | 0941 | | 1003 | | 0936 | 0113 | 1134 | 0057 | 1234 | 0052 | 1421 | 0028 | 1502 | 0122 | 1615 | 0306 | 1639 | 0404 | 1613 | 0625 | 1646 | 0725 | 1725 |
| 14 | 2322 | 1012 | 0043 | 1048 | 0045 | 1032 | 0151 | 1238 | 0126 | 1334 | 0121 | 1518 | 0106 | 1556 | 0217 | 1656 | 0411 | 1712 | 0514 | 1648 | 0738 | 1741 | 0823 | 1836 |
| 15 | | 1045 | 0150 | 1139 | 0142 | 1133 | 0225 | 1340 | 0153 | 1432 | 0153 | 1614 | 0149 | 1648 | 0317 | 1734 | 0518 | 1744 | 0626 | 1727 | 0845 | 1843 | 0912 | 1947 |
| 16 | 0032 | 1121 | 0251 | 1236 | 0231 | 1237 | 0255 | 1441 | 0221 | 1530 | 0228 | 1710 | 0238 | 1736 | 0419 | 1809 | 0627 | 1818 | 0739 | 1811 | 0945 | 1950 | 0954 | 2057 |
| 17 | 0142 | 1201 | 0346 | 1338 | 0314 | 1341 | 0322 | 1540 | 0249 | 1627 | 0308 | 1803 | 0331 | 1820 | 0523 | 1842 | 0737 | 1854 | 0851 | 1901 | 1037 | 2059 | 1030 | 2204 |
| 18 | 0251 | 1248 | 0433 | 1443 | 0350 | 1444 | 0350 | 1638 | 0319 | 1725 | 0354 | 1854 | 0428 | 1900 | 0629 | 1914 | 0848 | 1934 | 1000 | 1958 | 1120 | 2207 | 1102 | 2308 |
| 19 | 0357 | 1343 | 0514 | 1548 | 0422 | 1546 | 0417 | 1736 | 0352 | 1821 | 0444 | 1940 | 0529 | 1936 | 0735 | 1946 | 0959 | 2018 | 1102 | 2100 | 1158 | 2313 | | 1133 |
| 20 | 0458 | 1443 | 0549 | 1652 | 0451 | 1647 | 0446 | 1833 | 0429 | 1916 | 0539 | 2022 | 0632 | 2010 | 0843 | 2019 | 1108 | 2110 | 1156 | 2206 | 1231 | | | 1202 0010 |
| 21 | 0552 | 1548 | 0620 | 1755 | 0519 | 1746 | 0517 | 1930 | 0511 | 2008 | 0637 | 2100 | 0735 | 2041 | 0952 | 2055 | 1212 | 2207 | 1242 | 2312 | 1301 | 0017 | 1232 | 0109 |
| 22 | 0637 | 1655 | 0649 | 1856 | 0546 | 1845 | 0551 | 2026 | 0557 | 2057 | 0738 | 2135 | 0840 | 2112 | 1101 | 2135 | 1309 | 2309 | 1322 | | 1330 | 0118 | 1303 | 0208 |
| 23 | 0716 | 1802 | 0717 | 1956 | 0614 | 1943 | 0629 | 2121 | 0649 | 2142 | 0840 | 2207 | 0946 | 2143 | 1210 | 2220 | 1400 | | 1357 | 0018 | 1359 | 0218 | 1337 | 0305 |
| 24 | 0750 | 1907 | 0744 | 2054 | 0643 | 2040 | 0712 | 2212 | 0744 | 2222 | 0943 | 2237 | 1052 | 2216 | 1316 | 2313 | 1443 | 0014 | 1428 | 0122 | 1429 | 0317 | 1415 | 0401 |
| 25 | 0820 | 2009 | 0812 | 2152 | 0715 | 2137 | 0801 | 2259 | 0843 | 2258 | 1047 | 2307 | 1200 | 2252 | 1418 | | 1521 | 0119 | 1458 | 0224 | 1501 | 0415 | 1456 | 0456 |
| 26 | 0848 | 2109 | 0842 | 2250 | 0751 | 2233 | 0853 | 2342 | 0944 | 2332 | 1153 | 2339 | 1309 | 2334 | 1514 | 0011 | 1555 | 0224 | 1527 | 0324 | 1537 | 0512 | 1543 | 0547 |
| 27 | 0915 | 2208 | 0915 | 2347 | 0830 | 2326 | 0950 | | 1046 | | 1301 | | 1418 | | 1602 | 0115 | 1626 | 0328 | 1556 | 0424 | 1616 | 0607 | 1633 | 0636 |
| 28 | 0942 | 2306 | 0952 | | 0915 | | 1050 | 0022 | 1150 | 0003 | 1410 | 0013 | 1524 | 0022 | 1644 | 0221 | 1655 | 0430 | 1627 | 0523 | 1659 | 0701 | 1727 | 0720 |
| 29 | 1011 | | 1033 | 0042 | 1005 | 0017 | 1152 | 0057 | 1256 | 0034 | 1521 | 0052 | 1626 | 0117 | 1721 | 0328 | 1724 | 0532 | 1700 | 0621 | 1747 | 0752 | 1824 | 0800 |
| 30 | 1041 | 0004 | | | 1100 | 0103 | 1257 | 0131 | 1404 | 0105 | 1632 | 0137 | 1720 | 0219 | 1754 | 0434 | 1754 | 0632 | 1737 | 0718 | 1838 | 0838 | 1922 | 0836 |
| 31 | 1116 | 0101 | | | 1159 | 0146 | | | 1515 | 0138 | | | 1807 | 0326 | 1825 | 0539 | | | 1817 | 0813 | | | 2022 | 0909 |

Add one hour for daylight time, if and when in use.

NOTE: BLANK SPACES IN THE TABLE INDICATE THAT A RISING OR A SETTING DID NOT OCCUR DURING THAT 24 HR INTERVAL.