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LAT 17° 18' S LONG 123° 36' E

Times and Heights of High and Low Waters

2021

Local Time

JANUARY		FEBRUARY		MARCH		APRIL									
Time	m	Time	m	Time	m	Time	m								
1	0309 10.86 1014 1.46 FR 1545 10.39 2220 2.53	16	0348 10.99 1046 1.43 SA 1620 10.68 2257 2.32	1	0410 11.29 1112 1.10 MO 1639 11.10 2326 1.60	16	0437 11.01 1125 1.32 TU 1656 11.10 2339 1.63	1	0322 11.45 1021 0.76 MO 1546 11.46 2236 0.91	16	0347 11.13 1033 1.15 TU 1601 11.33 2248 1.10	1	0411 11.65 1101 0.66 TH 1624 12.04 2323 0.27	16	0415 10.89 1057 1.48 FR 1620 11.28 2316 1.18
2	0341 10.86 1047 1.62 SA 1615 10.40 2255 2.57	17	0423 10.90 1117 1.59 SU 1651 10.66 2329 2.36	2	0445 11.28 1144 1.17 TU 1712 11.15	17	0504 10.88 1150 1.47 WE 1720 11.05	2	0356 11.65 1054 0.57 TU 1618 11.72 2311 0.61	17	0414 11.15 1059 1.11 WE 1626 11.42 2315 1.03	2	0445 11.30 1130 1.15 FR 1655 11.72 2353 0.89	17	0438 10.58 1121 1.97 SA 1640 10.97 2340 1.72
3	0414 10.83 1120 1.78 SU 1647 10.42 2330 2.61	18	0456 10.71 1146 1.78 MO 1720 10.58	3	0000 1.59 0521 11.05 WE 1215 1.46 1744 11.05	18	0005 1.75 0530 10.61 TH 1215 1.83 1743 10.86	3	0431 11.64 1125 0.65 WE 1650 11.76 2344 0.68	18	0439 11.04 1123 1.27 TH 1649 11.34 2340 1.23	3	0516 10.72 1158 1.91 SA 1723 11.21	18	0458 10.22 1141 2.58 SU 1659 10.65
4	0449 10.73 1152 1.96 MO 1722 10.40	19	0000 2.45 0527 10.45 TU 1215 2.03 1749 10.47	4	0033 1.81 0556 10.66 TH 1244 1.93 1815 10.84	19	0030 2.08 0554 10.20 FR 1237 2.39 1804 10.50	4	0505 11.33 1154 1.09 TH 1720 11.54	19	0502 10.76 1146 1.71 FR 1710 11.08	4	0022 1.74 0546 10.07 SU 1223 2.75 1750 10.58	19	0001 2.32 0518 9.87 MO 1158 3.15 1719 10.30
5	0005 2.67 0528 10.53 TU 1225 2.19 1758 10.33	20	0030 2.62 0558 10.13 WE 1242 2.38 1817 10.27	5	0106 2.19 0632 10.16 FR 1314 2.50 1849 10.55	20	0055 2.59 0619 9.62 SA 1259 3.12 1829 9.95	5	0015 1.13 0536 10.81 FR 1221 1.76 1747 11.18	20	0004 1.68 0523 10.37 SA 1207 2.34 1727 10.73	5	0050 2.64 0619 9.35 MO 1251 3.61 1826 9.71	20	0021 2.88 0545 9.44 TU 1216 3.69 1749 9.75
6	0042 2.77 0609 10.23 WE 1259 2.46 1838 10.23	21	0059 2.89 0630 9.67 TH 1309 2.87 1850 9.90	6	0142 2.68 0715 9.52 SA 1348 3.18 1934 10.02	21	0120 3.24 0650 8.84 SU 1322 3.98 1901 9.16	6	0044 1.80 0606 10.21 SA 1246 2.51 1815 10.72	21	0025 2.28 0543 9.90 SU 1224 3.04 1745 10.29	6	0126 3.58 0715 8.43 TU 1334 4.62 1944 8.52	21	0049 3.48 0626 8.74 WE 1255 4.38 1841 8.83
7	0123 2.92 0657 9.84 TH 1339 2.81 1927 10.06	22	0130 3.30 0708 9.04 FR 1340 3.54 1930 9.34	7	0230 3.31 0822 8.69 SU 1444 4.03 2058 9.30	22	0154 4.04 0743 7.84 MO 1403 4.95 2008 8.17	7	0114 2.54 0640 9.49 SU 1314 3.33 1850 10.00	22	0045 2.94 0607 9.28 MO 1241 3.77 1812 9.60	7	0244 4.54 0937 7.80 WE 1617 5.27 2247 8.29	22	0142 4.24 0754 7.89 TH 1414 5.16 2048 8.00
8	0212 3.12 0757 9.34 FR 1430 3.29 2032 9.81	23	0208 3.85 0803 8.27 SA 1421 4.33 2034 8.71	8	0405 3.88 1027 8.26 MO 1638 4.61 2302 9.16	23	0312 4.87 1048 7.34 TU 1652 5.54 2325 8.17	8	0150 3.40 0734 8.53 MO 1357 4.34 2000 8.89	23	0113 3.70 0645 8.36 TU 1315 4.67 1859 8.53	8	0601 4.19 1159 8.79 TH 1847 3.88	23	0353 4.68 1053 8.20 FR 1717 4.82 2328 8.80
9	0320 3.37 0925 8.92 SA 1544 3.77 2204 9.71	24	0314 4.41 0947 7.74 SU 1558 4.99 2228 8.51	9	0627 3.53 1221 8.82 TU 1856 4.11	24	0642 4.21 1240 8.41 WE 1904 4.54	9	0312 4.34 1000 7.80 TU 1613 5.16 2256 8.51	24	0203 4.64 0831 7.29 WE 1436 5.67 2221 7.68	9	0024 9.45 0717 2.75 FR 1301 10.05 1942 2.41	24	0631 3.76 1208 9.43 SA 1904 3.34
10	0502 3.36 1102 8.97 SU 1725 3.93 2328 9.94	25	0550 4.24 1148 8.13 MO 1810 4.69 2359 9.03	10	0039 9.73 0747 2.49 WE 1334 9.75 2008 3.13	25	0045 9.21 0745 2.96 TH 1330 9.52 2000 3.39	10	0621 4.02 1220 8.69 WE 1901 4.14	25	0548 4.83 1203 8.12 TH 1841 4.88	10	0119 10.44 0803 1.76 SA 1345 10.70 2024 1.57	25	0030 9.93 0730 2.57 SU 1257 10.45 1954 2.06
11	0646 2.74 1226 9.38 MO 1905 3.52	26	0708 3.29 1300 8.99 TU 1922 3.87	11	0145 10.40 0842 1.68 TH 1424 10.40 2059 2.44	26	0134 10.15 0831 2.00 FR 1409 10.28 2045 2.53	11	0041 9.51 0740 2.60 TH 1326 9.95 2002 2.72	26	0017 8.88 0720 3.40 FR 1259 9.43 1940 3.38	11	0159 10.90 0841 1.39 SU 1416 11.05 2058 1.27	26	0117 10.70 0814 1.75 MO 1337 11.11 2036 1.16
12	0040 10.30 0752 2.01 TU 1334 9.89 2008 3.00	27	0101 9.77 0801 2.39 WE 1349 9.75 2014 3.16	12	0231 10.81 0926 1.31 FR 1503 10.70 2140 2.09	27	0214 10.76 0911 1.41 SA 1443 10.75 2124 1.92	12	0139 10.48 0829 1.58 FR 1411 10.72 2047 1.86	27	0109 10.05 0806 2.20 SA 1339 10.41 2023 2.22	12	0230 10.99 0911 1.36 MO 1443 11.12 2128 1.16	27	0158 11.11 0853 1.30 TU 1414 11.53 2115 0.57
13	0141 10.64 0845 1.53 WE 1427 10.28 2059 2.65	28	0148 10.36 0846 1.78 TH 1429 10.23 2058 2.69	13	0308 10.96 1002 1.24 SA 1535 10.82 2215 1.93	28	0248 11.15 0946 1.05 SU 1515 11.10 2200 1.39	13	0221 10.95 0909 1.18 SA 1445 10.98 2124 1.53	28	0150 10.82 0845 1.44 SU 1415 11.01 2102 1.39	13	0257 11.00 0938 1.36 TU 1506 11.26 2155 1.00	28	0236 11.31 0930 1.05 WE 1449 11.84 2152 0.21
14	0230 10.87 0931 1.33 TH 1510 10.51 2143 2.46	29	0228 10.71 0927 1.48 FR 1502 10.48 2137 2.40	14	0340 11.01 1033 1.28 SU 1603 10.92 2245 1.80	14	0340 11.01 1033 1.28 SU 1603 10.92 2245 1.80	14	0255 11.06 0942 1.16 SU 1514 11.04 2155 1.42	29	0226 11.27 0922 0.98 MO 1447 11.44 2140 0.77	14	0322 11.05 1004 1.27 WE 1530 11.42 2222 0.84	29	0314 11.40 1004 0.95 TH 1524 12.02 2228 0.12
15	0311 10.98 1012 1.33 FR 1546 10.63 2222 2.35	30	0302 10.94 1004 1.33 SA 1534 10.68 2215 2.13	15	0409 11.04 1100 1.30 MO 1630 11.03 2313 1.68	15	0409 11.04 1100 1.30 MO 1630 11.03 2313 1.68	15	0322 11.07 1009 1.20 MO 1537 11.15 2222 1.29	30	0300 11.55 0957 0.68 TU 1519 11.81 2215 0.29	15	0348 11.05 1030 1.25 TH 1556 11.45 2249 0.86	30	0351 11.32 1037 1.09 FR 1600 11.95 2302 0.40
		31	0335 11.13 1039 1.20 SU 1606 10.91 2251 1.83					31	0335 11.70 1030 0.53 WE 1552 12.05 2250 0.07						

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Datum of Predictions is Chart Datum

Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

DERBY – WESTERN AUSTRALIA

LAT 17° 18' S LONG 123° 36' E

Times and Heights of High and Low Waters

2021

Local Time

MAY		JUNE		JULY		AUGUST	
Time	m	Time	m	Time	m	Time	m
1 0428 11.01 1108 1.54 SA 1634 11.57 2334 1.06	16 0419 10.23 1059 2.40 SU 1618 10.68 2321 2.00	1 0536 9.85 1204 3.09 TU 1742 10.04	16 0509 9.77 1147 3.06 WE 1713 10.16	1 0026 2.25 0605 9.87 TH 1241 2.93 1816 9.74	16 0013 1.90 0542 10.20 FR 1228 2.34 1752 10.25	1 0101 2.47 0638 9.84 SU 1320 2.79 1857 9.10	16 0054 2.26 0622 10.31 MO 1317 2.32 1844 9.49
2 0503 10.49 1138 2.24 SU 1707 10.96	17 0442 9.96 1122 2.86 MO 1642 10.42 2345 2.47	2 0032 2.73 0617 9.43 WE 1245 3.64 1829 9.41	17 0014 2.58 0545 9.69 TH 1224 3.19 1755 9.93	2 0100 2.62 0644 9.64 FR 1320 3.22 1900 9.27	17 0045 2.12 0617 10.14 SA 1303 2.46 1832 9.94	2 0130 3.13 0714 9.31 MO 1353 3.37 1943 8.36	17 0124 2.87 0658 9.92 TU 1356 2.90 1934 8.75
3 0004 1.92 0537 9.88 MO 1208 3.03 1741 10.23	18 0508 9.72 1145 3.25 TU 1709 10.16	3 0115 3.29 0708 9.04 TH 1338 4.09 1931 8.81	18 0049 2.76 0630 9.59 FR 1308 3.30 1847 9.61	3 0138 3.04 0728 9.33 SA 1405 3.54 1955 8.75	18 0118 2.42 0657 10.03 SU 1344 2.66 1920 9.52	3 0205 3.92 0805 8.62 TU 1442 4.03 2107 7.66	18 0205 3.62 0756 9.19 WE 1501 3.61 2124 8.01
4 0037 2.80 0615 9.24 TU 1242 3.83 1825 9.38	19 0011 2.86 0540 9.46 WE 1213 3.59 1747 9.75	4 0213 3.75 0818 8.75 FR 1502 4.30 2103 8.47	19 0134 2.97 0726 9.48 SA 1403 3.39 1954 9.28	4 0224 3.55 0827 8.98 SU 1506 3.87 2114 8.33	19 0159 2.83 0746 9.81 MO 1434 2.96 2028 9.00	4 0313 4.71 0949 8.12 WE 1701 4.30 2323 7.76	19 0338 4.39 1011 8.64 TH 1722 3.75 2337 8.29
5 0117 3.64 0716 8.56 WE 1335 4.64 1946 8.47	20 0045 3.24 0628 9.07 TH 1258 3.98 1846 9.16	5 0335 3.99 0955 8.81 SA 1647 4.03 2245 8.71	20 0231 3.21 0838 9.44 SU 1516 3.40 2123 9.12	5 0330 4.03 0949 8.79 MO 1645 3.92 2248 8.35	20 0254 3.37 0901 9.49 TU 1556 3.26 2209 8.69	5 0536 4.71 1142 8.48 TH 1849 3.51	20 0604 4.24 1205 9.17 FR 1917 2.77
6 0235 4.34 0903 8.18 TH 1556 4.91 2210 8.32	21 0139 3.67 0745 8.69 FR 1413 4.34 2021 8.68	6 0517 3.84 1115 9.28 SU 1817 3.27 2354 9.24	21 0347 3.39 1005 9.66 MO 1650 3.18 2253 9.34	6 0507 4.16 1111 9.00 TU 1820 3.38	21 0424 3.78 1041 9.47 WE 1750 3.10 2342 8.91	6 0045 8.58 0707 3.92 FR 1251 9.27 1947 2.58	21 0106 9.29 0742 3.16 SA 1321 10.03 2019 1.74
7 0455 4.23 1109 8.81 FR 1808 3.88 2345 9.18	22 0304 3.94 0932 8.80 SA 1604 4.16 2221 8.97	7 0634 3.30 1212 9.81 MO 1910 2.51	22 0517 3.37 1121 10.10 TU 1834 2.55	7 0003 8.76 0634 3.75 WE 1214 9.46 1917 2.66	22 0613 3.70 1203 9.79 TH 1920 2.41	7 0136 9.41 0801 3.10 SA 1340 9.97 2033 1.89	22 0201 10.12 0838 2.21 SU 1413 10.60 2107 1.17
8 0636 3.23 1218 9.79 SA 1908 2.63	23 0446 3.70 1106 9.57 SU 1806 3.31 2341 9.73	8 0045 9.71 0722 2.82 TU 1255 10.25 1950 1.94	23 0005 9.70 0653 3.03 WE 1223 10.51 1939 1.83	8 0101 9.31 0729 3.19 TH 1305 9.96 2003 2.05	23 0101 9.40 0738 3.17 FR 1314 10.21 2022 1.78	8 0215 9.94 0845 2.55 SU 1418 10.39 2114 1.53	23 0244 10.52 0923 1.70 MO 1452 10.83 2145 1.02
9 0044 10.01 0726 2.40 SU 1304 10.45 1950 1.83	24 0637 3.04 1208 10.38 MO 1917 2.18	9 0128 10.05 0800 2.46 WE 1331 10.58 2028 1.55	24 0107 9.99 0753 2.63 TH 1318 10.79 2030 1.37	9 0148 9.77 0814 2.75 FR 1349 10.32 2045 1.68	24 0203 9.89 0837 2.66 SA 1410 10.54 2113 1.41	9 0249 10.19 0925 2.22 MO 1452 10.60 2150 1.37	24 0318 10.65 1000 1.47 TU 1526 10.87 2218 1.05
10 0126 10.47 0804 1.99 MO 1338 10.78 2026 1.44	25 0039 10.33 0736 2.34 TU 1258 10.96 2006 1.34	10 0204 10.27 0837 2.22 TH 1406 10.80 2103 1.32	25 0202 10.19 0843 2.38 FR 1408 10.95 2116 1.17	10 0229 10.02 0855 2.52 SA 1428 10.49 2126 1.57	25 0251 10.19 0927 2.31 SU 1455 10.72 2157 1.28	10 0320 10.34 1000 1.96 TU 1523 10.77 2224 1.24	25 0347 10.73 1031 1.34 WE 1555 10.89 2247 1.08
11 0200 10.64 0837 1.84 TU 1406 10.97 2057 1.22	26 0130 10.66 0822 1.92 WE 1342 11.30 2050 0.84	11 0240 10.35 0912 2.13 FR 1440 10.85 2138 1.31	26 0251 10.32 0928 2.25 SA 1453 11.05 2200 1.16	11 0303 10.07 0933 2.47 SU 1501 10.51 2202 1.64	26 0330 10.35 1009 2.10 MO 1534 10.80 2235 1.27	11 0350 10.53 1036 1.65 WE 1555 10.93 2257 1.09	26 0415 10.83 1100 1.22 TH 1625 10.86 2314 1.10
12 0229 10.73 0906 1.72 WE 1433 11.15 2128 1.03	27 0215 10.79 0902 1.71 TH 1422 11.51 2131 0.61	12 0313 10.28 0945 2.21 SA 1510 10.76 2212 1.50	27 0334 10.39 1009 2.21 SU 1536 11.03 2240 1.29	12 0335 10.04 1009 2.49 MO 1532 10.52 2237 1.73	27 0405 10.46 1046 1.95 TU 1611 10.79 2308 1.33	12 0421 10.73 1110 1.36 TH 1629 10.99 2329 1.06	27 0442 10.89 1128 1.19 FR 1654 10.70 2339 1.25
13 0258 10.77 0936 1.63 TH 1501 11.25 2158 0.96	28 0257 10.84 0941 1.64 FR 1502 11.62 2210 0.61	13 0343 10.12 1016 2.43 SU 1539 10.61 2244 1.81	28 0415 10.39 1048 2.26 MO 1618 10.87 2317 1.55	13 0404 10.07 1044 2.45 TU 1603 10.56 2309 1.76	28 0439 10.51 1119 1.87 WE 1645 10.67 2338 1.45	13 0453 10.83 1144 1.26 FR 1703 10.83 2359 1.27	28 0508 10.81 1155 1.35 SA 1720 10.39
14 0327 10.71 1005 1.69 FR 1529 11.18 2228 1.11	29 0338 10.81 1017 1.73 SA 1542 11.53 2246 0.89	14 0410 9.97 1046 2.69 MO 1607 10.47 2313 2.13	29 0452 10.29 1127 2.42 TU 1659 10.56 2352 1.89	14 0435 10.15 1118 2.36 WE 1638 10.57 2341 1.79	29 0510 10.49 1151 1.90 TH 1719 10.44	14 0524 10.74 1215 1.45 SA 1736 10.48	29 0004 1.63 0531 10.57 SU 1220 1.73 1745 9.96
15 0355 10.51 1033 1.96 SA 1555 10.96 2256 1.49	30 0418 10.63 1053 2.02 SU 1622 11.19 2322 1.41	15 0438 9.85 1116 2.90 TU 1637 10.33 2342 2.38	30 0530 10.09 1203 2.66 WE 1737 10.17	15 0508 10.21 1153 2.30 TH 1715 10.47	30 0006 1.65 0540 10.38 FR 1221 2.06 1751 10.11	15 0027 1.72 0552 10.55 SU 1246 1.84 1808 10.03	30 0027 2.23 0552 10.19 MO 1244 2.30 1807 9.40
31 0458 10.28 1128 2.51 MO 1701 10.66 2356 2.07				31 0034 1.98 0609 10.17 SA 1251 2.35 1822 9.68		31 0048 2.97 0614 9.63 TU 1307 3.00 1834 8.65	

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Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

DERBY – WESTERN AUSTRALIA

LAT 17° 18' S LONG 123° 36' E

Times and Heights of High and Low Waters

2021

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0111 3.82		16 0128 4.03		1 0057 4.66		16 0318 5.17		1 0446 4.99		16 0641 2.69		1 0514 3.73		16 0647 2.74	
0642 8.83		0712 8.81		0629 8.14		0959 7.88		1110 8.19		1220 9.76		1110 9.12		1228 9.44	
WE 1337 3.83		TH 1419 4.05		FR 1339 4.61		SA 1700 4.38		MO 1759 4.16		TU 1900 2.61		WE 1748 3.62		TH 1900 3.24	
1918 7.66		2051 7.59		1943 7.03		2321 8.44		2345 9.01				2336 9.99			
2 0145 4.79		17 0306 4.97		2 0205 5.62		17 0615 3.99		2 0641 3.54		17 0040 10.38		2 0647 2.62		17 0035 10.13	
0734 7.78		1002 8.01		1021 7.06		1157 9.05		1211 9.42		0729 1.73		1214 9.85		0734 2.09	
TH 1432 4.74		FR 1719 4.23		SA 1737 5.03		SU 1849 2.98		TU 1905 2.94		WE 1308 10.36		TH 1905 2.89		FR 1316 9.89	
2227 6.95		2342 8.21		2354 7.74						1944 2.10				1945 2.84	
3 0427 5.55		18 0626 4.27		3 0631 4.85		18 0034 9.79		3 0033 10.12		18 0118 10.78		3 0030 10.68		18 0117 10.48	
1121 7.58		1212 9.02		1211 8.39		0717 2.34		0730 2.17		0808 1.24		0742 1.63		0815 1.66	
FR 1830 4.35		SA 1913 2.81		SU 1903 3.58		MO 1257 10.23		WE 1258 10.35		TH 1345 10.61		FR 1307 10.36		SA 1357 10.21	
						1940 1.80		1950 2.03		2019 1.91		1956 2.34		2023 2.57	
4 0030 8.05		19 0100 9.59		4 0043 9.10		19 0121 10.72		4 0114 10.89		19 0150 10.96		4 0116 11.13		19 0156 10.73	
0656 4.48		0739 2.63		0724 3.30		0802 1.26		0814 1.17		0842 1.04		0828 0.99		0851 1.41	
SA 1239 8.74		SU 1316 10.21		MO 1257 9.67		TU 1340 10.87		TH 1338 10.89		FR 1417 10.70		SA 1355 10.63		SU 1434 10.38	
1932 3.05		2006 1.57		1946 2.33		2019 1.26		2030 1.49		○ 2050 1.85		● 2040 2.05		○ 2059 2.43	
5 0117 9.22		20 0148 10.56		5 0121 10.16		20 0157 11.07		5 0150 11.36		20 0218 11.10		5 0200 11.39		20 0230 10.84	
0748 3.22		0826 1.51		0805 2.06		0839 0.84		0853 0.53		0913 0.93		0910 0.68		0927 1.37	
SU 1325 9.81		MO 1402 10.88		TU 1334 10.56		WE 1415 11.01		FR 1416 11.14		SA 1447 10.74		SU 1439 10.76		MO 1508 10.39	
2015 2.02		2048 0.97		2026 1.49		○ 2053 1.22		● 2107 1.24		2120 1.82		2120 1.94		2133 2.47	
6 0154 10.06		21 0226 10.94		6 0154 10.82		21 0225 11.12		6 0226 11.64		21 0247 11.17		6 0241 11.51		21 0302 10.78	
0830 2.28		0905 1.02		0843 1.19		0911 0.76		0931 0.17		0944 0.91		0950 0.64		1000 1.54	
MO 1401 10.50		TU 1438 11.05		WE 1408 11.06		TH 1443 10.98		SA 1454 11.23		SU 1517 10.69		MO 1521 10.79		TU 1538 10.27	
2054 1.38		○ 2123 0.90		● 2101 1.02		2122 1.30		2143 1.16		2150 1.88		2200 1.97		2206 2.64	
7 0227 10.53		22 0256 10.99		7 0226 11.23		22 0249 11.18		7 0300 11.80		22 0315 11.10		7 0321 11.49		22 0330 10.64	
0908 1.65		0939 0.92		0919 0.59		0940 0.72		1008 0.09		1014 1.08		1030 0.85		1032 1.82	
TU 1433 10.89		WE 1507 11.01		TH 1442 11.32		FR 1509 10.97		SU 1530 11.16		MO 1545 10.50		TU 1601 10.71		WE 1604 10.13	
● 2130 1.03		2153 1.01		2136 0.76		2148 1.30		2217 1.29		2219 2.14		2237 2.17		2236 2.84	
8 0256 10.83		23 0320 11.02		8 0257 11.52		23 0314 11.29		8 0335 11.74		23 0342 10.86		8 0402 11.26		23 0358 10.52	
0943 1.17		1007 0.87		0955 0.17		1007 0.66		1043 0.35		1043 1.47		1106 1.28		1101 2.10	
WE 1505 11.13		TH 1532 11.00		FR 1515 11.43		SA 1535 10.94		MO 1607 10.90		TU 1610 10.22		WE 1641 10.48		TH 1630 10.07	
2202 0.79		2219 1.04		2210 0.65		2215 1.32		2250 1.68		2245 2.55		2314 2.53		2306 2.99	
9 0326 11.10		24 0345 11.14		9 0329 11.72		24 0340 11.29		9 0411 11.42		24 0405 10.56		9 0444 10.83		24 0426 10.44	
1018 0.74		1034 0.76		1030 -0.02		1035 0.72		1116 0.97		1109 1.98		1143 1.87		1130 2.30	
TH 1537 11.30		FR 1600 10.99		SA 1549 11.37		SU 1602 10.77		TU 1644 10.44		WE 1632 9.95		TH 1721 10.14		FR 1658 10.06	
2235 0.62		2245 1.04		2242 0.77		2242 1.55		2321 2.31		2310 2.98		2352 2.99		2337 3.07	
10 0357 11.32		25 0410 11.21		10 0400 11.70		25 0405 11.08		10 0445 10.86		25 0429 10.29		10 0526 10.26		25 0459 10.32	
1052 0.44		1100 0.74		1103 0.15		1101 1.07		1147 1.81		1132 2.46		1218 2.48		1200 2.46	
FR 1611 11.31		SA 1627 10.84		SU 1623 11.05		MO 1626 10.43		WE 1718 9.87		TH 1656 9.73		FR 1801 9.78		SA 1730 10.03	
2307 0.66		2310 1.21		2312 1.22		2307 2.04		2352 3.04		2332 3.35					
11 0428 11.37		26 0435 11.08		11 0430 11.41		26 0426 10.72		11 0520 10.16		26 0455 10.02		11 0033 3.45		26 0011 3.15	
1125 0.46		1127 0.98		1134 0.75		1126 1.65		1220 2.67		1157 2.87		0611 9.67		0535 10.12	
SA 1644 11.04		SU 1651 10.51		MO 1655 10.51		TU 1646 10.03		TH 1758 9.28		FR 1726 9.50		SA 1259 3.03		SU 1232 2.65	
2336 1.03		2334 1.66		2340 1.95		2329 2.66		○ 1758 9.28				● 1848 9.44		1808 9.94	
12 0458 11.16		27 0456 10.76		12 0459 10.91		27 0445 10.33		12 0027 3.77		27 0000 3.67		12 0122 3.83		27 0049 3.25	
1156 0.89		1151 1.50		1203 1.61		1147 2.31		0603 9.36		0529 9.64		0706 9.08		0619 9.82	
SU 1715 10.54		MO 1712 10.07		TU 1724 9.87		WE 1705 9.66		FR 1259 3.47		SA 1228 3.24		SU 1348 3.50		MO 1309 2.89	
		2356 2.33		2345 3.25		2345 3.25		1852 8.70		● 1807 9.18		1946 9.15		● 1852 9.81	
13 0003 1.70		28 0513 10.34		13 0005 2.76		28 0503 9.94		13 0117 4.46		28 0041 4.02		13 0229 4.07		28 0134 3.37	
0523 10.81		1213 2.17		0526 10.31		1207 2.91		0715 8.51		0619 9.10		0819 8.60		0712 9.42	
MO 1224 1.58		TU 1730 9.58		WE 1230 2.51		TH 1729 9.23		SA 1403 4.16		SU 1314 3.66		MO 1454 3.88		TU 1354 3.23	
1743 9.96				● 1756 9.22				2021 8.31		1909 8.80		2107 9.01		1947 9.65	
14 0028 2.44		29 0013 3.06		14 0031 3.55		29 0003 3.79		14 0312 4.77		29 0144 4.34		14 0358 4.03		29 0230 3.52	
0548 10.40		0530 9.85		0559 9.54		0530 9.40		0917 8.13		0737 8.54		1001 8.53		0822 8.98	
TU 1251 2.32		WE 1232 2.89		TH 1303 3.40		FR 1231 3.53		SU 1600 4.26		MO 1422 4.04		TU 1620 4.03		WE 1453 3.64	
● 1813 9.35		● 1750 8.98		1843 8.42		● 1804 8.61		2225 8.68		2041 8.67		2236 9.25		2104 9.53	
15 0053 3.17		30 0029 3.81		15 0112 4.42		30 0036 4.43		15 0525 3.99		30 0318 4.35		15 0542 3.51		30 0353 3.59	
0619 9.82		0551 9.17		0700 8.44		0613 8.55		1114 8.85		0931 8.46		1125 8.93		1002 8.83	
WE 1323 3.11		TH 1255 3.68		FR 1403 4.33		SA 1316 4.26		MO 1759 3.53		TU 1559 4.06		WE 1800 3.74		TH 1620 3.93	
1856 8.53		1822 8.13		2041 7.69		1916 7.79		2346 9.62		2226 9.17		2344 9.70		2237 9.73	
				31 0145 5.15										31 0545 3.23	
				0757 7.60										1130 9.14	
				SU 1459 4.85										FR 1805 3.77	
				2221 7.80										2350 10.16	

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Datum of Predictions is Chart Datum

Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

● New Moon

◐ First Quarter