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AUSTRALIA, EAST COAST – MACKAY OUTER HARBOUR

LAT 21° 06' S LONG 149° 14' E
Times and Heights of High and Low Waters

2015

Time Zone -1000

JANUARY		FEBRUARY		MARCH		APRIL										
Time	m	Time	m	Time	m	Time	m									
1	0203 0.77	16	0114 1.29	1	0325 0.85	16	0233 0.84	1	0225 1.20	16	0116 1.35	1	0318 1.16	16	0251 0.75	
	0822 5.53		0741 5.02		0936 5.76		0850 5.85		0836 5.51		0735 5.44		0918 5.42		0850 5.87	
TH	1449 1.18	FR	1405 1.62	SU	1606 1.03	MO	1524 0.91	SU	1506 1.12	MO	1413 1.15	WE	1540 0.96	TH	1524 0.37	
	2037 4.76		1949 4.51		2155 4.79		2111 5.05		2101 4.81		2005 4.87		2140 5.11		2122 5.74	
2	0253 0.68	17	0204 0.98	2	0403 0.83	17	0323 0.54	2	0308 1.04	17	0215 0.95	2	0350 1.09	17	0341 0.54	
	0909 5.73		0827 5.43		1011 5.79		0936 6.18		0914 5.63		0827 5.84		0948 5.41		0936 5.93	
FR	1538 1.04	SA	1455 1.29	MO	1641 1.02	TU	1611 0.62	MO	1543 1.02	TU	1502 0.76	TH	1608 0.92	FR	1606 0.21	
	2125 4.75		2039 4.71		2229 4.81		2157 5.32		2136 4.92		2055 5.25		2208 5.20		2206 5.99	
3	0337 0.65	18	0251 0.71	3	0435 0.84	18	0411 0.30	3	0344 0.97	18	0307 0.62	3	0420 1.06	18	0428 0.43	
	0950 5.84		0911 5.80		1043 5.77		1019 6.41		0948 5.66		0913 6.12		1016 5.36		1020 5.87	
SA	1621 0.99	SU	1542 1.01	TU	1711 1.04	WE	1655 0.39	TU	1614 0.99	WE	1548 0.46	FR	1634 0.89	SA	1647 0.16	
	2206 4.72		2126 4.89		2259 4.81		2243 5.54		2208 4.99		2140 5.57		2235 5.28		2249 6.14	
4	0415 0.68	19	0338 0.49	4	0505 0.89	19	0458 0.17	4	0416 0.95	19	0357 0.38	4	0448 1.07	19	0513 0.44	
	1027 5.86		0954 6.09		1113 5.70		1103 6.49		1018 5.64		0957 6.28		1042 5.27		1103 5.68	
SU	1658 1.00	MO	1628 0.77	WE	1739 1.08	TH	1738 0.26	WE	1642 0.98	TH	1632 0.25	SA	1659 0.89	SU	1727 0.24	
	2244 4.68		2212 5.05	○	2327 4.79	●	2328 5.67	○	2235 5.03	○	2224 5.83	○	2301 5.32	●	2332 6.14	
5	0450 0.75	20	0425 0.33	5	0532 0.97	20	0543 0.18	5	0444 0.95	20	0443 0.24	5	0517 1.12	20	0558 0.59	
	1101 5.81		1037 6.31		1140 5.59		1146 6.39		1046 5.59		1041 6.30		1109 5.13		1148 5.36	
MO	1733 1.05	TU	1714 0.59	TH	1805 1.13	FR	1820 0.28	TH	1708 0.98	FR	1713 0.15	SU	1724 0.94	MO	1806 0.46	
○	2318 4.61	●	2258 5.18	○	2353 4.76			○	2301 5.07	●	2308 5.99	○	2328 5.32			
6	0522 0.85	21	0510 0.24	6	0558 1.09	21	0014 5.68	6	0510 0.99	21	0528 0.25	6	0546 1.24	21	0015 5.98	
	1134 5.70		1121 6.40		1206 5.43		0629 0.37		1112 5.49		1124 6.14		1136 4.94		0643 0.88	
TU	1805 1.14	WE	1759 0.49	FR	1829 1.22	SA	1231 6.09	FR	1732 1.00	SA	1753 0.20	MO	1750 1.05	TU	1233 4.94	
	2351 4.52		2346 5.24		1902 0.45		1902 0.45	○	2327 5.08	○	2352 6.00		2356 5.25		1845 0.82	
7	0551 1.00	22	0557 0.28	7	0021 4.70	22	0100 5.55	7	0537 1.08	22	0613 0.44	7	0616 1.42	22	0100 5.68	
	1205 5.54		1205 6.34		0625 1.28		0715 0.73		1137 5.35		1208 5.80		1205 4.70		0730 1.24	
WE	1834 1.25	TH	1843 0.49	SA	1232 5.20	SU	1316 5.63	SA	1755 1.07	SU	1833 0.41	TU	1817 1.21	WE	1321 4.49	
					1854 1.35		1944 0.76		2353 5.04				1927 1.25			
8	0021 4.43	23	0033 5.22	8	0050 4.59	23	0149 5.31	8	0604 1.24	23	0037 5.85	8	0026 5.13	23	0148 5.30	
	0619 1.19		0643 0.47		0654 1.53		0804 1.19		1202 5.13		0658 0.78		0649 1.63		0822 1.60	
TH	1235 5.34	FR	1251 6.11	SU	1300 4.92	MO	1405 5.08	SU	1819 1.19	MO	1253 5.32	WE	1237 4.44	TH	1416 4.08	
	1904 1.38		1928 0.62		1923 1.52		2031 1.13				1913 0.77		1847 1.41		2016 1.69	
9	0052 4.31	24	0123 5.11	9	0123 4.43	24	0245 5.03	9	0020 4.95	24	0123 5.56	9	0102 4.98	24	0244 4.93	
	0649 1.42		0731 0.79		0727 1.83		0902 1.65		0632 1.46		0746 1.23		0729 1.84		0928 1.86	
FR	1305 5.09	SA	1338 5.73	MO	1331 4.59	TU	1505 4.54	MO	1228 4.86	TU	1341 4.77	TH	1318 4.17	FR	1528 3.81	
	1935 1.52		2015 0.83		1956 1.72		2129 1.49		1845 1.37		1956 1.21		1926 1.64		2123 2.05	
10	0126 4.18	25	0215 4.95	10	0204 4.26	25	0355 4.80	10	0050 4.81	25	0215 5.20	10	0150 4.81	25	0356 4.66	
	0721 1.69		0823 1.20		0810 2.15		1023 1.98		0703 1.72		0842 1.67		0729 2.03		1052 1.92	
SA	1339 4.80	SU	1431 5.27	TU	1413 4.26	WE	1626 4.16	TU	1257 4.56	WE	1439 4.26	FR	1420 3.92	SA	1701 3.81	
	2010 1.69		2107 1.07		2043 1.91		2249 1.72		1914 1.57		2051 1.66		2026 1.87		2256 2.18	
11	0210 4.03	26	0317 4.80	11	0305 4.13	26	0523 4.77	11	0124 4.64	26	0320 4.86	11	0302 4.67	26	0520 4.61	
	0802 2.01		0926 1.60		0917 2.41		1206 1.97		0741 2.00		0959 1.98		0955 2.07		1211 1.74	
SU	1422 4.50	MO	1533 4.82	WE	1523 3.98	TH	1805 4.11	WE	1335 4.24	TH	1600 3.92	SA	1555 3.84	SU	1823 4.06	
	2056 1.84		2209 1.28		2156 2.02	●			1953 1.79		2208 1.98		2159 1.98	●		
12	0307 3.92	27	0431 4.73	12	0436 4.18	27	0019 1.68	12	0214 4.47	27	0444 4.70	12	0437 4.73	27	0021 2.03	
	0900 2.30		1047 1.87		1105 2.43		0647 4.98		0840 2.26		1139 1.98		1131 1.83		0631 4.74	
MO	1519 4.22	TU	1651 4.48	TH	1701 3.91	FR	1328 1.66	TH	1435 3.94	FR	1743 3.92	SU	1733 4.09	MO	1309 1.49	
	2159 1.92	●	2324 1.37	●	2326 1.90	●	1924 4.34	●	2055 2.00	●	2347 1.99	●	2335 1.80	●	1920 4.40	
13	0425 3.94	28	0554 4.85	13	0602 4.50	28	0131 1.44	13	0335 4.38	28	0612 4.80	13	0600 5.03	28	0122 1.78	
	1029 2.45		1222 1.85		1234 2.12		0749 5.28		1019 2.34		1259 1.70		1246 1.40		0723 4.91	
TU	1636 4.07	WE	1818 4.38	FR	1823 4.11	SA	1423 1.34	FR	1618 3.81	SA	1903 4.22	MO	1847 4.53	TU	1353 1.26	
●	2315 1.84				2019 4.62				2235 2.03				2002 4.70			
14	0546 4.18	29	0042 1.30	14	0039 1.57	29	0709 4.96	14	0515 4.55	29	0104 1.76	14	0052 1.43	29	0208 1.55	
	1202 2.30		0710 5.13		0709 4.96		1340 1.69		1202 2.06		0717 5.04		0706 5.40		0805 5.03	
WE	1752 4.12	TH	1342 1.59	SA	1340 1.69	1928 4.43	SA	1757 4.03	SA	1757 4.03	SU	1354 1.39	TU	1346 0.97	WE	1429 1.09
			1934 4.48		1928 4.43			●		●	1956 4.56		1946 4.99		2038 4.94	
15	0019 1.60	30	0148 1.12	15	0139 1.20	30	0802 5.44	15	0005 1.76	30	0159 1.48	15	0156 1.06	30	0246 1.38	
	0649 4.58		0809 5.43		0802 5.44		1423 1.34		0635 4.97		0805 5.25		0801 5.69		0841 5.08	
TH	1310 1.98	FR	1441 1.30	SU	1435 1.27	2022 4.75	SU	1315 1.61	SU	1315 1.61	MO	1435 1.16	WE	1437 0.62	TH	1501 0.96
	1855 4.29		2032 4.63		2022 4.75				1909 4.44		2036 4.82		2036 5.40		2109 5.13	
31	0241 0.95		0857 5.65					31	0242 1.28		0844 5.38					
			SA 1527 1.11								TU 1509 1.03					
			2117 4.74								2110 4.99					

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Datum of Predictions is Lowest Astronomical Tide
Moon Symbols

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

Bureau of Meteorology

National Tidal Centre

AUSTRALIA, EAST COAST – MACKAY OUTER HARBOUR

LAT 21° 06' S LONG 149° 14' E
Times and Heights of High and Low Waters

2015

Time Zone -1000

MAY		JUNE		JULY		AUGUST						
Time	m	Time	m	Time	m	Time	m					
1	0321 1.26	16	0328 0.75	1	0404 1.17	16	0454 0.79	1	0536 0.42	16	0555 0.87	
	0913 5.09		0917 5.44		0947 4.74		1037 4.79		1122 5.04		1146 4.63	
FR	1531 0.88	SA	1543 0.29	MO	1600 0.72	TU	1649 0.51	WE	1618 0.53	TH	1713 0.68	
	2138 5.28		2150 5.99		2214 5.57		2301 5.96		2234 5.82	●	2323 5.72	
2	0353 1.18	17	0416 0.66	2	0441 1.11	17	0535 0.83	2	0508 0.85	17	0555 0.89	
	0943 5.05		1003 5.34		1024 4.70		1120 4.67		1050 4.71		1142 4.53	
SA	1559 0.82	SU	1625 0.28	TU	1635 0.69	WE	1728 0.64	TH	1700 0.47	FR	1746 0.81	
	2207 5.40		2232 6.11		2249 5.67	●	2341 5.84	○	2315 5.93		2356 5.56	
3	0425 1.14	18	0501 0.65	3	0520 1.08	18	0614 0.94	3	0551 0.77	18	0626 0.99	
	1013 4.98		1047 5.17		1102 4.65		1201 4.51		1135 4.74		1215 4.44	
SU	1628 0.80	MO	1705 0.37	WE	1712 0.71	TH	1805 0.85	FR	1743 0.49	SA	1817 0.99	
	2237 5.48	●	2315 6.10	○	2326 5.70				2357 5.94			
4	0458 1.15	19	0546 0.75	4	0600 1.09	19	0019 5.63	4	0636 0.74	19	0028 5.35	
	1044 4.88		1132 4.94		1143 4.56		0652 1.10		1222 4.72		0657 1.12	
MO	1657 0.82	TU	1744 0.56	TH	1750 0.79	FR	1241 4.34	SA	1828 0.60	SU	1247 4.33	
○	2307 5.51		2357 5.95				1840 1.11				1847 1.22	
5	0532 1.20	20	0629 0.94	5	0005 5.66	20	0056 5.36	5	0040 5.84	20	0059 5.10	
	1116 4.74		1217 4.65		0643 1.15		0730 1.29		0721 0.78		0727 1.27	
TU	1727 0.90	WE	1823 0.86	FR	1227 4.45	SA	1321 4.16	SU	1311 4.66	MO	1321 4.20	
	2339 5.49				1831 0.94		1916 1.40		1916 0.80		1918 1.49	
6	0606 1.31	21	0039 5.68	6	0049 5.55	21	0134 5.06	6	0128 5.63	21	0131 4.79	
	1151 4.56		0713 1.20		0730 1.22		0810 1.47		0810 0.86		0801 1.44	
WE	1759 1.03	TH	1302 4.34	SA	1318 4.34	SU	1403 3.99	MO	1406 4.58	TU	1401 4.05	
			1902 1.22		1918 1.14		1955 1.71		2008 1.06		1955 1.79	
7	0013 5.40	22	0122 5.34	7	0138 5.39	22	0216 4.76	7	0220 5.34	22	0209 4.46	
	0644 1.45		0758 1.46		0823 1.28		0855 1.62		0902 0.95		0841 1.62	
TH	1228 4.37	FR	1351 4.06	SU	1417 4.25	MO	1455 3.87	TU	1507 4.54	WE	1451 3.91	
	1835 1.21		1945 1.59		2015 1.36		2045 2.00		2109 1.34		2045 2.10	
8	0052 5.26	23	0209 4.99	8	0236 5.22	23	0307 4.47	8	0321 5.03	23	0259 4.14	
	0729 1.60		0851 1.68		0924 1.28		0951 1.72		1003 1.01		0936 1.76	
FR	1316 4.16	SA	1447 3.85	MO	1526 4.27	TU	1602 3.83	WE	1618 4.58	TH	1600 3.86	
	1918 1.43		2037 1.94		2124 1.53		2154 2.23		2223 1.55		2202 2.32	
9	0142 5.10	24	0305 4.69	9	0344 5.07	24	0411 4.26	9	0432 4.77	24	0409 3.90	
	0827 1.71		0954 1.79		1032 1.19		1056 1.71		1112 1.01		1048 1.77	
SA	1419 4.01	SU	1559 3.78	TU	1643 4.42	WE	1718 3.95	TH	1734 4.75	FR	1722 4.00	
	2017 1.66		2149 2.18		2244 1.59	●	2322 2.26	●	2348 1.58	●	2339 2.27	
10	0248 4.96	25	0413 4.50	10	0458 5.00	25	0522 4.17	10	0549 4.63	25	0529 3.86	
	0941 1.69		1105 1.76		1142 1.02		1158 1.58		1222 0.92		1158 1.61	
SU	1542 4.01	MO	1720 3.89	WE	1757 4.72	TH	1824 4.21	FR	1847 5.03	SA	1830 4.32	
	2139 1.79		2316 2.21	●								
11	0408 4.94	26	0527 4.45	11	0005 1.50	26	0036 2.09	11	0110 1.42	26	0053 2.00	
	1101 1.50		1209 1.61		0610 4.99		0624 4.22		0703 4.59		0637 3.99	
MO	1708 4.24	TU	1828 4.16	TH	1247 0.81	FR	1250 1.38	SA	1328 0.78	SU	1254 1.34	
●	2308 1.71	●			1904 5.09		1916 4.54		1951 5.35		1924 4.72	
12	0528 5.07	27	0030 2.06	12	0121 1.30	27	0131 1.83	12	0219 1.18	27	0149 1.65	
	1214 1.18		0628 4.52		0716 5.01		0716 4.32		0808 4.63		0732 4.19	
TU	1823 4.64	WE	1259 1.40	FR	1347 0.63	SA	1335 1.16	SU	1425 0.65	MO	1344 1.06	
			1919 4.48		2002 5.43		1959 4.88		2044 5.60		2010 5.10	
13	0028 1.46	28	0125 1.84	13	0224 1.08	28	0218 1.57	13	0315 0.97	28	0238 1.32	
	0637 5.26		0718 4.62		0813 5.00		0801 4.43		0902 4.66		0821 4.40	
WE	1316 0.84	TH	1341 1.20	SA	1439 0.50	SU	1416 0.95	MO	1515 0.57	TU	1431 0.79	
	1925 5.08		1959 4.78		2053 5.70		2039 5.18		2130 5.76		2053 5.45	
14	0137 1.17	29	0210 1.61	14	0320 0.92	29	0302 1.33	14	0402 0.85	29	0324 1.03	
	0736 5.41		0759 4.70		0905 4.96		0843 4.52		0948 4.66		0907 4.59	
TH	1411 0.57	FR	1418 1.03	SU	1526 0.44	MO	1456 0.78	TU	1559 0.56	WE	1517 0.56	
	2017 5.47		2035 5.04		2138 5.88		2117 5.44		2211 5.82		2135 5.75	
15	0236 0.92	30	0249 1.43	15	0409 0.82	30	0343 1.14	15	0444 0.80	30	0408 0.79	
	0829 5.47		0836 4.74		0953 4.89		0925 4.59		1029 4.64		0951 4.77	
FR	1459 0.39	SA	1452 0.89	MO	1609 0.44	TU	1537 0.64	WE	1637 0.59	TH	1602 0.37	
	2105 5.77		2108 5.25		2221 5.97		2154 5.65		2248 5.80		2216 5.98	
31	0327 1.28									31	0452 0.57	
	0912 4.75										1036 4.92	
	SU										FR	1648 0.24
	1526 0.79										○	2258 6.13
	2141 5.43											

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Datum of Predictions is Lowest Astronomical Tide
Moon Symbols

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

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AUSTRALIA, EAST COAST – MACKAY OUTER HARBOUR

LAT 21° 06' S LONG 149° 14' E
Times and Heights of High and Low Waters

2015

Time Zone -1000

SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER						
Time	m	Time	m	Time	m	Time	m					
1	0006 5.94	16	0609 0.98	1	0031 5.24	16	0603 1.07	1	0232 3.91	16	0142 4.19	
	0638 0.18		1210 4.72		0653 0.43		1213 4.88		0826 1.72		0741 1.35	
TU	1236 5.40	WE	1822 1.31	TH	1302 5.48	FR	1836 1.52	SU	1428 4.97	MO	1317 4.92	
	1852 0.44				1927 0.88				2111 1.55		2000 1.69	
2	0052 5.55	17	0018 4.60	2	0121 4.72	17	0022 4.18	2	0309 3.79	17	0148 3.83	
	0721 0.42		0633 1.17		0738 0.84		0632 1.29		0907 1.74		0747 1.60	
WE	1325 5.22	TH	1238 4.57	FR	1355 5.16	SA	1246 4.71	MO	1537 4.69	TU	1415 4.77	
	1942 0.84		1852 1.58		2023 1.30		1913 1.74		2230 1.63		2108 1.72	
3	0140 5.03	18	0045 4.28	3	0219 4.21	18	0059 3.91	3	0436 3.75	18	0305 3.77	
	0807 0.76		0701 1.39		0832 1.28		0706 1.53		1034 1.91		0900 1.78	
TH	1420 4.98	FR	1311 4.38	SA	1459 4.84	SU	1329 4.52	TU	1658 4.61	WE	1531 4.72	
	2038 1.28		1928 1.86		2136 1.61		2005 1.94	☉	2348 1.50	☉	2227 1.57	
4	0237 4.50	19	0118 3.95	4	0335 3.85	19	0152 3.65	4	0602 3.98	19	0433 3.95	
	0902 1.12		0736 1.64		0945 1.61		0758 1.77		1200 1.80		1030 1.76	
FR	1526 4.75	SA	1356 4.19	SU	1618 4.66	MO	1434 4.38	WE	1811 4.70	TH	1653 4.82	
	2151 1.63		2021 2.12		2308 1.66		2126 2.02			☉	2341 1.26	
5	0353 4.08	20	0211 3.64	5	0513 3.80	20	0321 3.54	5	0050 1.25	20	0551 4.34	
	1016 1.38		0830 1.87		1118 1.68		0924 1.92		0702 4.33		1153 1.53	
SA	1649 4.68	SU	1510 4.07	MO	1745 4.73	TU	1605 4.40	TH	1305 1.57	FR	1805 5.04	
☉	2327 1.69		2152 2.24	☉			2302 1.81		1907 4.85			
6	0528 3.95	21	0349 3.48	6	0033 1.42	21	0504 3.74	6	0138 1.02	21	0045 0.89	
	1143 1.40		1004 1.95		0638 4.08		1103 1.78		0749 4.65		0655 4.82	
SU	1814 4.85	MO	1651 4.20	TU	1239 1.47	WE	1732 4.69	FR	1354 1.34	SA	1304 1.21	
		☉	2339 2.00		1854 4.95	☉			1951 4.96		1906 5.24	
7	0057 1.43	22	0534 3.67	7	0132 1.10	22	0018 1.39	7	0217 0.86	22	0141 0.56	
	0655 4.15		1140 1.71		0735 4.44		0620 4.19		0826 4.90		0750 5.27	
MO	1302 1.19	TU	1812 4.60	WE	1339 1.19	TH	1222 1.41	SA	1435 1.19	SU	1405 0.92	
	1923 5.14				1947 5.17		1838 5.08		2029 5.01		2000 5.36	
8	0159 1.08	23	0052 1.55	8	0217 0.85	23	0118 0.93	8	0251 0.76	23	0232 0.31	
	0756 4.44		0645 4.08		0820 4.72		0719 4.69		0900 5.08		0839 5.65	
TU	1402 9.99	WE	1250 1.30	TH	1426 0.99	FR	1325 1.01	SU	1511 1.09	MO	1500 0.70	
	2015 5.39		1911 5.07		2028 5.28		1933 5.42		2103 4.99		2051 5.38	
9	0247 0.83	24	0148 1.07	9	0255 0.72	24	0209 0.54	9	0321 0.70	24	0318 0.17	
	0843 4.67		0741 4.53		0856 4.90		0810 5.14		0930 5.21		0926 5.93	
WE	1449 0.77	TH	1348 0.88	FR	1505 0.89	SA	1422 0.67	MO	1544 1.04	TU	1551 0.56	
	2057 5.52		2002 5.50		2104 5.31		2023 5.65		2135 4.93		2138 5.32	
10	0326 0.70	25	0237 0.66	10	0328 0.67	25	0257 0.25	10	0349 0.67	25	0402 0.12	
	0921 4.79		0830 4.93		0928 5.00		0856 5.51		0959 5.30		1010 6.11	
TH	1529 0.70	FR	1440 0.53	SA	1538 0.85	SU	1513 0.43	TU	1616 1.03	WE	1639 0.51	
	2133 5.53		2048 5.81		2136 5.27		2109 5.75		2204 4.84		2225 5.19	
11	0401 0.68	26	0323 0.34	11	0357 0.66	26	0341 0.05	11	0416 0.68	26	0444 0.16	
	0954 4.84		0915 5.28		0957 5.07		0940 5.81		1027 5.35		1054 6.15	
FR	1603 0.70	SA	1530 0.27	SU	1609 0.86	MO	1602 0.29	WE	1648 1.07	TH	1726 0.57	
	2205 5.49		2133 6.00		2205 5.18		2154 5.73		2233 4.71	☉	2312 5.00	
12	0430 0.70	27	0406 0.10	12	0423 0.67	27	0423 -0.04	12	0444 0.73	27	0526 0.32	
	1024 4.87		0959 5.55		1024 5.11		1025 6.00		1055 5.35		1138 6.06	
SA	1633 0.74	SU	1617 0.11	MO	1638 0.90	TU	1649 0.26	TH	1720 1.15	FR	1812 0.72	
	2235 5.41		2216 6.06		2232 5.06	☉	2240 5.58	☉	2303 4.56		2359 4.73	
13	0457 0.73	28	0449 -0.03	13	0448 0.70	28	0505 -0.00	13	0513 0.82	28	0607 0.59	
	1051 4.88		1044 5.75		1051 5.13		1109 6.05		1125 5.31		1222 5.83	
SU	1701 0.81	MO	1704 0.08	TU	1707 0.98	WE	1736 0.36	FR	1753 1.26	SA	1858 0.95	
☉	2301 5.29	☉	2301 5.95	☉	2258 4.90	☉	2326 5.31		2336 4.38			
14	0522 0.77	29	0530 -0.04	14	0513 0.77	29	0546 0.18	14	0543 0.97	29	0046 4.43	
	1117 4.87		1128 5.81		1117 5.10		1154 5.95		1157 5.21		0650 0.95	
MO	1729 0.92	TU	1751 0.20	WE	1735 1.11	TH	1824 0.60	SA	1828 1.41	SU	1308 5.50	
	2327 5.12		2345 5.67		2325 4.69						1945 1.22	
15	0546 0.85	30	0611 0.11	15	0537 0.90	30	0013 4.92	15	0011 4.19	30	0136 4.14	
	1143 4.83		1214 5.72		1144 5.01		0628 0.50		0616 1.15		0734 1.34	
TU	1755 1.08	WE	1837 0.48	TH	1804 1.30	FR	1241 5.69	SU	1233 5.08	MO	1356 5.14	
	2353 4.89				2353 4.44		1913 0.93		1909 1.57		2037 1.46	
				31	0104 4.48		0712 0.92					
					SA	1331 5.33						
						2007 1.28						
										31	0238 4.01	
											0832 1.93	
											TH	1451 4.63
												2133 1.72