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# AUSTRALIA, NORTH COAST – CHARLES PT PATCHES

LAT 12° 20' S LONG 130° 42' E

Times and Heights of High and Low Waters

# 2017

Time Zone -0930

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0148 2.53		<b>16</b> 0226 2.01		<b>1</b> 0241 1.90		<b>16</b> 0305 1.76		<b>1</b> 0145 1.48		<b>16</b> 0203 1.38		<b>1</b> 0230 0.78		<b>16</b> 0221 1.41	
0715 6.10		0806 6.35		0828 6.48		0905 6.17		0738 7.01		0810 6.71		0848 7.05		0852 6.35	
SU 1339 0.95		MO 1430 1.13		WE 1435 1.29		TH 1501 2.13		WE 1349 1.07		TH 1412 1.86		SA 1442 2.01		SU 1441 2.60	
2018 6.93		2049 7.10		2057 6.99		2111 6.57		2000 7.24		2011 6.77		2032 6.76		2025 6.04	
<b>2</b> 0223 2.49		<b>17</b> 0303 2.04		<b>2</b> 0316 1.85		<b>17</b> 0335 1.95		<b>2</b> 0217 1.29		<b>17</b> 0230 1.46		<b>2</b> 0307 1.01		<b>17</b> 0245 1.64	
0752 6.08		0847 6.10		0911 6.29		0941 5.80		0818 6.99		0842 6.47		0933 6.62		0926 6.03	
MO 1410 1.11		TU 1501 1.62		TH 1508 1.72		FR 1527 2.58		TH 1421 1.36		FR 1435 2.18		SU 1520 2.54		MO 1513 2.94	
2049 6.84		2120 6.80		2127 6.76		2135 6.21		2030 7.13		2033 6.52		2106 6.32		2051 5.70	
<b>3</b> 0259 2.48		<b>18</b> 0340 2.16		<b>3</b> 0355 1.89		<b>18</b> 0406 2.22		<b>3</b> 0252 1.24		<b>18</b> 0255 1.64		<b>3</b> 0348 1.43		<b>18</b> 0313 1.96	
0831 5.96		0928 5.75		0958 5.98		1020 5.40		0900 6.77		0914 6.15		1024 6.10		1005 5.68	
TU 1443 1.40		WE 1530 2.17		FR 1544 2.26		SA 1557 3.06		FR 1454 1.80		SA 1500 2.55		MO 1605 3.10		TU 1551 3.31	
2122 6.67		2150 6.44		2159 6.43		2200 5.79		2059 6.87		2056 6.20		2145 5.76		2122 5.30	
<b>4</b> 0338 2.49		<b>19</b> 0419 2.34		<b>4</b> 0440 2.02		<b>19</b> 0444 2.52		<b>4</b> 0329 1.37		<b>19</b> 0320 1.91		<b>4</b> 0440 1.97		<b>19</b> 0345 2.33	
0916 5.74		1012 5.35		1053 5.60		1111 5.01		0945 6.38		0948 5.77		1127 5.60		1053 5.32	
WE 1518 1.81		TH 1601 2.72		SA 1627 2.87		SU 1636 3.55		SA 1529 2.36		SU 1529 2.96		TU 1713 3.61		WE 1650 3.68	
2155 6.44		2220 6.04		☉ 2236 6.02		☉ 2230 5.34		☉ 2129 6.49		☉ 2120 5.81		☉ 2237 5.15		☉ 2204 4.86	
<b>5</b> 0423 2.52		<b>20</b> 0503 2.55		<b>5</b> 0537 2.19		<b>20</b> 0537 2.81		<b>5</b> 0409 1.64		<b>20</b> 0349 2.23		<b>5</b> 0600 2.50		<b>20</b> 0438 2.75	
1009 5.46		1103 4.96		1203 5.25		1230 4.72		1036 5.90		1030 5.38		1255 5.29		1205 5.04	
TH 1600 2.31		FR 1638 3.25		SU 1727 3.47		MO 1748 4.00		SU 1609 2.99		MO 1605 3.42		WE 1914 3.81		TH 1839 3.86	
2232 6.16		☉ 2254 5.62		2324 5.57		2315 4.87		☉ 2203 5.99		2147 5.37				2325 4.48	
<b>6</b> 0517 2.53		<b>21</b> 0600 2.73		<b>6</b> 0658 2.29		<b>21</b> 0712 2.99		<b>6</b> 0501 2.02		<b>21</b> 0426 2.60		<b>6</b> 0018 4.64		<b>21</b> 0625 3.06	
1113 5.19		1216 4.69		1343 5.15		1502 4.82		1141 5.43		1127 5.00		0757 2.74		1400 5.03	
FR 1653 2.86		SA 1736 3.72		MO 1911 3.90		TU 2035 4.13		MO 1707 3.60		TU 1703 3.87		TH 1445 5.39		FR 2044 3.59	
☉ 2317 5.84		2339 5.21						2249 5.42		☉ 2225 4.89		2116 3.44			
<b>7</b> 0626 2.47		<b>22</b> 0719 2.81		<b>7</b> 0042 5.17		<b>22</b> 0059 4.52		<b>7</b> 0622 2.40		<b>22</b> 0530 2.96		<b>7</b> 0254 4.76		<b>22</b> 0145 4.47	
1235 5.05		1417 4.70		0834 2.18		0903 2.84		1318 5.17		1315 4.80		0930 2.58		0829 2.99	
SA 1808 3.35		SU 1925 4.01		TU 1527 5.47		WE 1620 5.27		TU 1903 4.01		WE 1927 4.12		FR 1555 5.73		SA 1524 5.32	
				2122 3.82		2218 3.78				2345 4.46		2218 2.88		2144 3.09	
<b>8</b> 0017 5.56		<b>23</b> 0053 4.88		<b>8</b> 0238 5.09		<b>23</b> 0321 4.64		<b>8</b> 0012 4.89		<b>23</b> 0746 3.10		<b>8</b> 0411 5.30		<b>23</b> 0324 4.98	
0745 2.27		0845 2.69		0954 1.85		1010 2.47		0816 2.49		1535 5.09		1030 2.31		0942 2.65	
SU 1414 5.20		MO 1551 5.07		WE 1636 5.99		TH 1702 5.74		WE 1514 5.39		TH 2144 3.78		SA 1642 6.08		SU 1610 5.69	
1949 3.60		2129 3.91		2241 3.38		2303 3.37		2129 3.77				2300 2.35		2225 2.52	
<b>9</b> 0136 5.40		<b>24</b> 0242 4.79		<b>9</b> 0406 5.39		<b>24</b> 0424 5.04		<b>9</b> 0243 4.82		<b>24</b> 0238 4.47		<b>9</b> 0459 5.84		<b>24</b> 0418 5.64	
0900 1.91		0948 2.42		1054 1.45		1056 2.05		0946 2.23		0930 2.80		1115 2.05		1032 2.26	
MO 1539 5.65		TU 1643 5.52		TH 1726 6.49		FR 1735 6.17		TH 1623 5.86		FR 1626 5.53		SU 1719 6.36		MO 1646 6.06	
2128 3.51		2237 3.61		2333 2.88		2337 2.95		2238 3.21		2231 3.29		2336 1.91		2301 1.93	
<b>10</b> 0300 5.46		<b>25</b> 0354 4.95		<b>10</b> 0507 5.82		<b>25</b> 0507 5.53		<b>10</b> 0413 5.28		<b>25</b> 0400 4.98		<b>10</b> 0538 6.30		<b>25</b> 0503 6.28	
1003 1.48		1036 2.08		1144 1.12		1134 1.63		1047 1.87		1026 2.36		1154 1.88		1115 1.92	
TU 1642 6.19		WE 1722 5.95		FR 1807 6.89		SA 1805 6.54		FR 1710 6.32		SA 1700 5.96		MO 1752 6.55		TU 1720 6.40	
2240 3.21		2321 3.28						2323 2.65		2306 2.78				2338 1.37	
<b>11</b> 0409 5.70		<b>26</b> 0442 5.23		<b>11</b> 0016 2.42		<b>26</b> 0009 2.54		<b>11</b> 0507 5.82		<b>26</b> 0446 5.59		<b>11</b> 0008 1.58		<b>26</b> 0545 6.83	
1059 1.06		1116 1.73		0555 6.23		0545 6.03		1134 1.57		1108 1.92		0614 6.62		1155 1.69	
WE 1732 6.68		TH 1757 6.33		SA 1227 0.92		SU 1210 1.28		SA 1748 6.67		SU 1731 6.35		TU 1227 1.80		WE 1754 6.68	
2335 2.85		2357 2.98		☉ 1845 7.16		☉ 1835 6.85				2338 2.26		☉ 1822 6.64		☉	
<b>12</b> 0506 6.00		<b>27</b> 0521 5.55		<b>12</b> 0055 2.05		<b>27</b> 0040 2.14		<b>12</b> 0000 2.17		<b>27</b> 0527 6.21		<b>12</b> 0038 1.35		<b>27</b> 0015 0.89	
1148 0.73		1152 1.39		0638 6.52		0622 6.48		0550 6.29		1145 1.55		0646 6.81		0628 7.22	
TH 1818 7.07		FR 1829 6.65		SU 1305 0.89		MO 1244 1.04		SU 1214 1.37		MO 1801 6.69		WE 1256 1.83		TH 1234 1.60	
☉				1919 7.28		☉ 1903 7.08		1822 6.92				1849 6.66		1828 6.87	
<b>13</b> 0023 2.52		<b>28</b> 0030 2.71		<b>13</b> 0130 1.80		<b>28</b> 0112 1.78		<b>13</b> 0034 1.79		<b>28</b> 0011 1.75		<b>13</b> 0106 1.23		<b>28</b> 0052 0.55	
0556 6.27		0558 5.88		0717 6.66		0700 6.83		0629 6.63		0605 6.75		0718 6.86		0711 7.41	
FR 1234 0.55		SA 1226 1.12		MO 1340 1.03		TU 1316 0.96		MO 1248 1.32		TU 1221 1.30		TH 1323 1.93		FR 1313 1.67	
1900 7.31		☉ 1859 6.90		1951 7.26		1932 7.22		☉ 1853 7.03		☉ 1830 6.96		1914 6.61		1902 6.92	
<b>14</b> 0106 2.25		<b>29</b> 0102 2.45		<b>14</b> 0203 1.67		<b>29</b> 0203 1.67		<b>14</b> 0106 1.53		<b>29</b> 0044 1.30		<b>14</b> 0132 1.20		<b>29</b> 0131 0.41	
0642 6.44		0633 6.19		0755 6.64				0704 6.82		0645 7.14		0749 6.78		0754 7.37	
SA 1315 0.56		SU 1259 0.94		TU 1410 1.31				TU 1319 1.40		WE 1256 1.21		FR 1348 2.10		SA 1353 1.88	
1939 7.39		1929 7.06		2020 7.11				1921 7.04		1900 7.13		1937 6.49		1937 6.80	
<b>15</b> 0147 2.08		<b>30</b> 0134 2.22		<b>15</b> 0235 1.66		<b>30</b> 0118 0.95		<b>15</b> 0136 1.40		<b>30</b> 0118 0.95		<b>15</b> 0157 1.26		<b>30</b> 0211 0.50	
0725 6.47		0710 6.42		0830 6.46		0725 7.33		0737 6.84		0725 7.33		0820 6.61		0838 7.13	
SU 1355 0.76		MO 1331 0.90		WE 1437 1.69		TH 1330 1.31		WE 1346 1.59		TH 1330 1.31		SA 1414 2.32		SU 1433 2.21	
2015 7.31		1959 7.14		2046 6.88				1947 6.94		1930 7.17		2000 6.30		2015 6.50	
		<b>31</b> 0207 2.03								<b>31</b> 0153 0.76					
		0748 6.52								0806 7.30					
		TU 1403 1.01								FR 1406 1.58					
		2028 7.12								2001 7.05					

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 Datum of Predictions is Lowest Astronomical Tide

Moon Phase Symbols   ● New Moon   ☾ First Quarter   ☽ Full Moon   ☾ Last Quarter

# AUSTRALIA, NORTH COAST – CHARLES PT PATCHES

LAT 12° 20' S LONG 130° 42' E

Times and Heights of High and Low Waters

# 2017

Time Zone -0930

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0252 0.82		<b>16</b> 0223 1.43		<b>1</b> 0418 1.88		<b>16</b> 0320 1.81		<b>1</b> 0442 2.42		<b>16</b> 0347 2.01		<b>1</b> 0534 3.37		<b>16</b> 0501 3.08	
0925 6.74		0910 6.19		1049 6.01		1006 5.91		1059 5.75		1011 5.94		1125 4.98		1053 5.35	
MO 1518 2.61		TU 1504 2.87		TH 1713 2.84		FR 1626 2.83		SA 1740 2.45		SU 1645 2.24		TU 1846 2.54		WE 1806 2.07	
2054 6.05		2033 5.57		☉ 2245 4.96		2200 5.10		☉ 2335 4.83		2246 5.25					
<b>2</b> 0337 1.33		<b>17</b> 0253 1.71		<b>2</b> 0516 2.49		<b>17</b> 0405 2.20		<b>2</b> 0535 2.96		<b>17</b> 0434 2.48		<b>2</b> 0132 4.64		<b>17</b> 0051 5.06	
1015 6.27		0947 5.91		1145 5.63		1047 5.67		1146 5.37		1051 5.65		0707 3.67		0628 3.51	
TU 1612 3.02		WE 1546 3.12		FR 1829 2.87		SA 1724 2.84		SU 1849 2.50		MO 1743 2.24		WE 1231 4.61		TH 1159 4.94	
2141 5.50		2111 5.24				☉ 2304 4.89				☉ 2354 5.06		2013 2.54		1941 2.10	
<b>3</b> 0430 1.94		<b>18</b> 0328 2.07		<b>3</b> 0011 4.66		<b>18</b> 0503 2.61		<b>3</b> 0101 4.68		<b>18</b> 0536 2.94		<b>3</b> 0315 4.86		<b>18</b> 0235 5.18	
1112 5.80		1030 5.62		0633 2.97		1138 5.45		0650 3.35		1141 5.37		0905 3.61		0833 3.55	
WE 1722 3.33		TH 1643 3.33		SA 1253 5.37		SU 1834 2.72		MO 1248 5.06		TU 1854 2.16		TH 1420 4.47		FR 1347 4.75	
☉ 2244 4.94		2202 4.89		1952 2.70				2003 2.42				2125 2.36		2112 1.87	
<b>4</b> 0543 2.53		<b>19</b> 0418 2.48		<b>4</b> 0201 4.72		<b>19</b> 0025 4.82		<b>4</b> 0239 4.82		<b>19</b> 0119 5.03		<b>4</b> 0417 5.23		<b>19</b> 0357 5.61	
1225 5.46		1124 5.36		0803 3.18		0621 2.94		0823 3.47		0700 3.27		1019 3.32		1005 3.18	
TH 1903 3.37		FR 1801 3.41		SU 1409 5.28		MO 1240 5.29		TU 1406 4.91		WE 1248 5.14		FR 1543 4.62		SA 1531 4.99	
		☉ 2317 4.61		2100 2.40		1948 2.43		2107 2.23		2012 1.94		2218 2.09		2221 1.49	
<b>5</b> 0029 4.58		<b>20</b> 0537 2.85		<b>5</b> 0324 5.07		<b>20</b> 0157 5.02		<b>5</b> 0348 5.14		<b>20</b> 0251 5.28		<b>5</b> 0501 5.61		<b>20</b> 0454 6.09	
0723 2.89		1234 5.19		0919 3.15		0749 3.06		0940 3.35		0839 3.32		1105 2.99		1103 2.66	
FR 1356 5.38		SA 1935 3.22		MO 1513 5.33		TU 1351 5.28		WE 1516 4.93		TH 1413 5.09		SA 1633 4.89		SU 1640 5.47	
2043 3.04				2151 2.08		2053 1.99		2159 2.00		2124 1.59		2301 1.78		2315 1.13	
<b>6</b> 0241 4.76		<b>21</b> 0101 4.61		<b>6</b> 0417 5.47		<b>21</b> 0315 5.45		<b>6</b> 0438 5.50		<b>21</b> 0405 5.73		<b>6</b> 0538 5.96		<b>21</b> 0539 6.51	
0856 2.91		0718 3.00		1016 2.99		0909 2.98		1036 3.12		1001 3.09		1142 2.70		1149 2.17	
SA 1511 5.53		SU 1357 5.23		TU 1601 5.43		WE 1459 5.42		TH 1609 5.04		FR 1532 5.27		SU 1713 5.21		MO 1732 5.95	
2144 2.57		2047 2.77		2232 1.79		2149 1.50		2242 1.76		2226 1.18		2339 1.47			
<b>7</b> 0354 5.25		<b>22</b> 0240 5.00		<b>7</b> 0459 5.84		<b>22</b> 0418 5.96		<b>7</b> 0518 5.83		<b>22</b> 0502 6.21		<b>7</b> 0612 6.24		<b>22</b> 0002 0.87	
1000 2.74		0846 2.88		1101 2.81		1015 2.77		1120 2.89		1104 2.74		1215 2.43		0619 6.81	
SU 1602 5.74		MO 1503 5.45		WE 1642 5.54		TH 1558 5.66		FR 1650 5.20		SA 1637 5.60		MO 1748 5.55		TU 1230 1.75	
2229 2.13		2139 2.22		2309 1.55		2241 1.02		2320 1.52		2321 0.81				☉ 1817 6.35	
<b>8</b> 0442 5.73		<b>23</b> 0346 5.59		<b>8</b> 0536 6.14		<b>23</b> 0512 6.44		<b>8</b> 0555 6.11		<b>23</b> 0552 6.62		<b>8</b> 0013 1.21		<b>23</b> 0045 0.76	
1049 2.55		0950 2.62		1139 2.65		1111 2.53		1157 2.69		1157 2.37		0643 6.46		0656 6.97	
MO 1643 5.93		TU 1553 5.74		TH 1716 5.64		FR 1649 5.92		SA 1727 5.37		SU 1732 5.94		TU 1245 2.19		WE 1307 1.44	
2305 1.77		2223 1.64		2342 1.35		2330 0.63		2355 1.31		☉ 1822 5.86		☉ 1822 5.86		1900 6.58	
<b>9</b> 0520 6.14		<b>24</b> 0439 6.19		<b>9</b> 0611 6.36		<b>24</b> 0601 6.82		<b>9</b> 0630 6.33		<b>24</b> 0011 0.55		<b>9</b> 0045 1.02		<b>24</b> 0122 0.85	
1129 2.38		1043 2.35		1213 2.53		1202 2.31		1230 2.53		0636 6.91		0712 6.60		0730 6.97	
TU 1717 6.06		WE 1637 6.04		FR 1747 5.73		SA 1739 6.15		SU 1800 5.55		MO 1243 2.04		WE 1316 1.98		TH 1343 1.27	
2338 1.49		2306 1.09		☉ 1822 5.86		☉ 1822 5.86		☉ 1822 5.86		1822 6.21		1858 6.12		1939 6.63	
<b>10</b> 0555 6.44		<b>25</b> 0527 6.70		<b>10</b> 0013 1.20		<b>25</b> 0018 0.36		<b>10</b> 0028 1.13		<b>25</b> 0057 0.45		<b>10</b> 0117 0.94		<b>25</b> 0157 1.10	
1202 2.28		1130 2.14		0645 6.50		0648 7.07		0702 6.48		0717 7.06		0741 6.68		0801 6.84	
WE 1748 6.15		TH 1717 6.32		SA 1245 2.47		SU 1251 2.15		MO 1303 2.41		TU 1326 1.79		TH 1348 1.80		FR 1415 1.24	
		2348 0.64		1817 5.79		1826 6.30		1833 5.72		1908 6.36		1933 6.28		2017 6.49	
<b>11</b> 0009 1.29		<b>26</b> 0613 7.07		<b>11</b> 0043 1.10		<b>26</b> 0105 0.28		<b>11</b> 0100 1.01		<b>26</b> 0139 0.54		<b>11</b> 0149 1.00		<b>26</b> 0228 1.47	
0628 6.63		1215 2.02		0717 6.56		0733 7.15		0734 6.55		0757 7.05		0809 6.67		0830 6.60	
TH 1232 2.23		FR 1759 6.51		SU 1315 2.45		MO 1337 2.05		TU 1336 2.31		WE 1406 1.66		FR 1420 1.66		SA 1448 1.35	
☉ 1816 6.19		☉ 1816 6.19		1846 5.83		1913 6.31		1907 5.83		1952 6.35		2012 6.31		2054 6.21	
<b>12</b> 0037 1.17		<b>27</b> 0031 0.35		<b>12</b> 0113 1.06		<b>27</b> 0150 0.40		<b>12</b> 0131 0.99		<b>27</b> 0218 0.84		<b>12</b> 0220 1.20		<b>27</b> 0256 1.93	
0700 6.72		0659 7.27		0750 6.55		0815 7.08		0805 6.56		0832 6.89		0837 6.58		0856 6.27	
FR 1301 2.25		SA 1300 2.00		MO 1348 2.48		TU 1422 2.03		WE 1409 2.25		TH 1445 1.63		SA 1453 1.59		SU 1519 1.56	
1843 6.19		1839 6.58		1917 5.81		2000 6.18		1943 5.88		2035 6.17		2052 6.20		2131 5.83	
<b>13</b> 0104 1.11		<b>28</b> 0115 0.25		<b>13</b> 0142 1.10		<b>28</b> 0233 0.73		<b>13</b> 0202 1.08		<b>28</b> 0254 1.28		<b>13</b> 0252 1.54		<b>28</b> 0323 2.40	
0732 6.70		0744 7.28		0822 6.47		0857 6.87		0835 6.50		0906 6.61		0905 6.39		0921 5.89	
SA 1330 2.32		SU 1344 2.08		TU 1422 2.55		WE 1507 2.08		TH 1444 2.21		FR 1524 1.72		SU 1528 1.61		MO 1550 1.86	
1908 6.13		1921 6.49		1950 5.73		2046 5.92		2021 5.84		2118 5.87		2136 5.95		2212 5.41	
<b>14</b> 0130 1.13		<b>29</b> 0200 0.39		<b>14</b> 0212 1.24		<b>29</b> 0315 1.22		<b>14</b> 0235 1.28		<b>29</b> 0328 1.82		<b>14</b> 0327 2.00		<b>29</b> 0355 2.88	
0804 6.60		0829 7.11		0855 6.33		0937 6.55		0906 6.37		0938 6.25		0935 6.12		0947 5.45	
SU 1359 2.46		MO 1430 2.24		WE 1459 2.64		TH 1554 2.18		FR 1520 2.20		SA 1603 1.89		MO 1608 1.71		TU 1626 2.21	
1934 6.02		2004 6.25		2027 5.57		2136 5.56		2103 5.70		2202 5.48		2226 5.62		☉ 2300 5.01	
<b>15</b> 0157 1.24		<b>30</b> 0244 0.74		<b>15</b> 0244 1.48		<b>30</b> 0357 1.81		<b>15</b> 0309 1.60		<b>30</b> 0401 2.38		<b>15</b> 0407 2.53		<b>30</b> 0437 3.34	
0836 6.42		0914 6.81		0930 6.14		1017 6.16		0937 6.18		1010 5.84		1009 5.76		1018 4.99	
MO 1430 2.64		TU 1517 2.45		TH 1539 2.75		FR 1644 2.32		SA 1600 2.22		SU 1645 2.12		TU 1657 1.89		WE 1715 2.56	
2002 5.83		2050 5.87		2109 5.35		2230 5.17		2150 5.49		2253 5.08		☉ 2328 5.28			
		<b>31</b> 0330 1.26								<b>31</b> 0440 2.91				<b>31</b> 0014 4.70	
		1000 6.42								1043 5.41				0554 3.73	
		WE 1611 2.67								MO 1737 2.36				TH 1104 4.52	
		2143 5.41								☉ 2357 4.76				1843 2.83	

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Datum of Predictions is Lowest Astronomical Tide

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

# AUSTRALIA, NORTH COAST – CHARLES PT PATCHES

LAT 12° 20' S LONG 130° 42' E

Times and Heights of High and Low Waters

# 2017

Time Zone -0930

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0225 4.71		<b>16</b> 0223 5.21		<b>1</b> 0310 5.00		<b>16</b> 0319 5.63		<b>1</b> 0350 5.58		<b>16</b> 0417 5.94		<b>1</b> 0328 5.63		<b>16</b> 0423 5.61	
0832 3.78		0848 3.54		0940 3.43		0952 2.69		1012 2.39		1045 1.58		1006 1.78		1057 1.53	
FR 1254 4.17		SA 1356 4.50		SU 1453 4.18		MO 1547 5.06		WE 1611 5.40		TH 1705 6.16		FR 1625 5.99		SA 1729 6.26	
2042 2.77		2106 2.23		2114 2.86		2200 2.36		2214 2.51		2310 2.54		2222 2.74		2330 2.95	
<b>2</b> 0353 5.07		<b>17</b> 0345 5.61		<b>2</b> 0405 5.39		<b>17</b> 0411 5.97		<b>2</b> 0426 5.90		<b>17</b> 0455 6.08		<b>2</b> 0412 5.91		<b>17</b> 0500 5.71	
1006 3.41		1007 2.98		1020 2.95		1035 2.10		1045 1.84		1120 1.27		1046 1.21		1131 1.32	
SA 1522 4.33		SU 1544 4.95		MO 1600 4.73		TU 1638 5.70		TH 1651 6.06		FR 1742 6.52		SA 1711 6.57		SU 1803 6.53	
2153 2.47		2215 1.89		2210 2.47		2250 2.09		2256 2.18		2346 2.43		2309 2.50			
<b>3</b> 0440 5.49		<b>18</b> 0438 6.06		<b>3</b> 0441 5.77		<b>18</b> 0451 6.26		<b>3</b> 0458 6.20		<b>18</b> 0528 6.16		<b>3</b> 0452 6.20		<b>18</b> 0005 2.80	
1049 2.99		1055 2.38		1051 2.48		1112 1.61		1117 1.30		1152 1.06		1127 0.72		0533 5.81	
SU 1620 4.76		MO 1644 5.57		TU 1639 5.34		WE 1719 6.24		FR 1730 6.65		SA 1815 6.75		SU 1755 7.03		MO 1203 1.17	
2241 2.09		2306 1.55		2251 2.06		2331 1.91		2334 1.93		●		2354 2.33		● 1837 6.71	
<b>4</b> 0515 5.87		<b>19</b> 0518 6.43		<b>4</b> 0511 6.10		<b>19</b> 0527 6.45		<b>4</b> 0530 6.46		<b>19</b> 0019 2.38		<b>4</b> 0532 6.43		<b>19</b> 0037 2.70	
1121 2.60		1133 1.85		1121 2.01		1145 1.24		1151 0.82		0557 6.19		1208 0.36		0604 5.88	
MO 1700 5.24		TU 1729 6.13		WE 1715 5.95		TH 1756 6.63		SA 1809 7.09		SU 1221 0.95		MO 1839 7.33		TU 1233 1.07	
2318 1.72		2349 1.33		2327 1.71				○		1849 6.86		○		1909 6.81	
<b>5</b> 0545 6.20		<b>20</b> 0555 6.68		<b>5</b> 0540 6.38		<b>20</b> 0007 1.82		<b>5</b> 0012 1.81		<b>20</b> 0049 2.39		<b>5</b> 0038 2.24		<b>20</b> 0108 2.64	
1151 2.23		1209 1.43		1150 1.55		0558 6.54		0601 6.66		0625 6.18		0613 6.57		0634 5.92	
TU 1734 5.73		WE 1809 6.55		TH 1750 6.50		FR 1216 1.00		SU 1227 0.46		MO 1248 0.92		TU 1249 0.18		WE 1301 1.04	
2353 1.39		●		●		1830 6.87		1850 7.36		1921 6.86		1923 7.45		1941 6.83	
<b>6</b> 0615 6.45		<b>21</b> 0028 1.24		<b>6</b> 0001 1.45		<b>21</b> 0039 1.84		<b>6</b> 0050 1.82		<b>21</b> 0118 2.45		<b>6</b> 0122 2.25		<b>21</b> 0140 2.63	
1221 1.88		0629 6.81		0607 6.61		0627 6.55		0634 6.75		0651 6.11		0654 6.56		0704 5.92	
WE 1808 6.19		TH 1243 1.14		FR 1221 1.13		SA 1245 0.88		MO 1303 0.27		TU 1315 0.97		WE 1332 0.23		TH 1329 1.10	
○		1846 6.80		○		1904 6.94		1932 7.41		1953 6.77		2007 7.39		2011 6.78	
<b>7</b> 0026 1.15		<b>22</b> 0101 1.30		<b>7</b> 0035 1.34		<b>22</b> 0108 1.95		<b>7</b> 0129 1.97		<b>22</b> 0147 2.57		<b>7</b> 0207 2.34		<b>22</b> 0212 2.66	
0643 6.65		0659 6.82		0635 6.77		0653 6.48		0708 6.69		0717 5.99		0737 6.40		0736 5.86	
TH 1251 1.55		FR 1314 0.99		SA 1253 0.79		SU 1313 0.88		TU 1341 0.30		WE 1340 1.11		TH 1415 0.51		FR 1357 1.24	
1844 6.55		1922 6.86		1904 7.18		1937 6.87		2015 7.26		2025 6.61		2051 7.18		2042 6.66	
<b>8</b> 0058 1.04		<b>23</b> 0132 1.49		<b>8</b> 0109 1.39		<b>23</b> 0135 2.13		<b>8</b> 0210 2.24		<b>23</b> 0218 2.73		<b>8</b> 0255 2.49		<b>23</b> 0245 2.73	
0710 6.76		0727 6.71		0704 6.83		0717 6.33		0745 6.46		0745 5.80		0823 6.08		0811 5.71	
FR 1321 1.27		SA 1344 0.99		SU 1325 0.58		MO 1338 0.98		WE 1420 0.56		TH 1405 1.33		FR 1500 1.00		SA 1425 1.47	
1920 6.78		1956 6.75		1944 7.22		2008 6.68		2100 6.94		2057 6.39		2136 6.84		2113 6.49	
<b>9</b> 0130 1.10		<b>24</b> 0200 1.78		<b>9</b> 0143 1.60		<b>24</b> 0201 2.36		<b>9</b> 0254 2.59		<b>24</b> 0253 2.93		<b>9</b> 0345 2.66		<b>24</b> 0323 2.81	
0737 6.79		0752 6.51		0733 6.76		0741 6.13		0823 6.06		0815 5.53		0914 5.64		0849 5.50	
SA 1352 1.08		SU 1411 1.10		MO 1359 0.56		TU 1401 1.17		TH 1502 1.04		FR 1431 1.63		SA 1545 1.63		SU 1456 1.80	
1958 6.83		2030 6.50		2025 7.04		2041 6.41		2148 6.52		2131 6.12		2222 6.43		2145 6.27	
<b>10</b> 0201 1.31		<b>25</b> 0226 2.12		<b>10</b> 0218 1.96		<b>25</b> 0230 2.64		<b>10</b> 0346 2.96		<b>25</b> 0334 3.15		<b>10</b> 0445 2.82		<b>25</b> 0405 2.90	
0804 6.72		0815 6.23		0803 6.53		0805 5.85		0908 5.53		0851 5.19		1014 5.16		0934 5.23	
SU 1424 1.01		MO 1436 1.32		TU 1434 0.74		WE 1425 1.45		FR 1551 1.66		SA 1501 2.02		SU 1638 2.32		MO 1532 2.21	
2038 6.69		2103 6.16		2109 6.69		2114 6.09		2243 6.07		2211 5.84		● 2313 6.02		MO 2220 6.02	
<b>11</b> 0233 1.68		<b>26</b> 0251 2.50		<b>11</b> 0256 2.43		<b>26</b> 0302 2.96		<b>11</b> 0455 3.26		<b>26</b> 0429 3.35		<b>11</b> 0555 2.88		<b>26</b> 0456 2.95	
0831 6.52		0838 5.89		0835 6.15		0830 5.49		1009 4.95		0937 4.82		1130 4.77		1031 4.97	
MO 1458 1.09		TU 1500 1.63		WE 1512 1.12		TH 1449 1.81		SA 1657 2.33		SU 1542 2.46		MO 1745 2.95		TU 1619 2.67	
2121 6.37		2139 5.77		2158 6.23		2151 5.74		● 2348 5.69		2258 5.55		● 2301 5.75			
<b>12</b> 0308 2.17		<b>27</b> 0321 2.91		<b>12</b> 0342 2.95		<b>27</b> 0343 3.30		<b>12</b> 0629 3.32		<b>27</b> 0543 3.45		<b>12</b> 0014 5.67		<b>27</b> 0600 2.92	
0901 6.19		0902 5.49		0913 5.63		0900 5.07		1144 4.51		1048 4.49		0719 2.76		1145 4.80	
TU 1534 1.33		WE 1528 2.01		TH 1559 1.66		FR 1517 2.23		SU 1832 2.85		MO 1648 2.92		TU 1319 4.69		WE 1725 3.13	
2210 5.94		2219 5.36		● 2256 5.74		2237 5.39		○		○		1916 3.36		2354 5.51	
<b>13</b> 0347 2.73		<b>28</b> 0401 3.33		<b>13</b> 0447 3.42		<b>28</b> 0445 3.62		<b>13</b> 0112 5.50		<b>28</b> 0000 5.33		<b>13</b> 0127 5.46		<b>28</b> 0715 2.72	
0934 5.75		0930 5.02		1001 5.02		0942 4.61		0813 2.99		0717 3.29		0835 2.46		1319 4.86	
WE 1620 1.70		TH 1600 2.43		FR 1708 2.25		SA 1600 2.69		MO 1404 4.59		TU 1232 4.40		WE 1503 5.02		TH 1856 3.44	
● 2309 5.48		● 2315 4.99		● 2344 5.10				2016 3.01		1832 3.24		2049 3.45			
<b>14</b> 0444 3.30		<b>29</b> 0508 3.73		<b>14</b> 0014 5.37		<b>29</b> 0639 3.75		<b>14</b> 0234 5.57		<b>29</b> 0120 5.26		<b>14</b> 0240 5.43		<b>29</b> 0101 5.36	
1017 5.21		1007 4.53		0638 3.64		1104 4.19		0920 2.48		0833 2.88		0932 2.11		0828 2.34	
TH 1729 2.12		FR 1659 2.86		SA 1133 4.47		SU 1741 3.12		TU 1534 5.12		WE 1424 4.75		TH 1605 5.47		FR 1453 5.24	
				1903 2.65				2132 2.90		2015 3.23		2158 3.33		2032 3.49	
<b>15</b> 0031 5.16		<b>30</b> 0054 4.77		<b>15</b> 0158 5.35		<b>30</b> 0131 5.03		<b>15</b> 0333 5.76		<b>30</b> 0234 5.39		<b>15</b> 0337 5.50		<b>30</b> 0218 5.39	
0624 3.70		0745 3.84		0845 3.29		0844 3.43		1007 1.99		0924 2.35		1018 1.79		0928 1.85	
FR 1130 4.68		SA 1138 4.09		SU 1415 4.48		MO 1342 4.18		WE 1625 5.68		TH 1534 5.35		FR 1650 5.90		SA 1602 5.79	
1921 2.38		1921 3.10		2051 2.61		2002 3.17		2227 2.71		2128 3.02		2248 3.14		2150 3.31	
				<b>31</b> 0302 5.26										<b>31</b> 0326 5.58	
				0936 2.92										1020 1.33	
				TU 1523 4.73										SU 1657 6.36	
				2123 2.88										2251 3.03	

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Datum of Predictions is Lowest Astronomical Tide

Moon Phase Symbols   ● New Moon   ◑ First Quarter   ○ Full Moon   ◐ Last Quarter