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# CHARLES POINT PATCHES – NORTHERN TERRITORY

LAT 12° 20' S LONG 130° 42' E

Times and Heights of High and Low Waters

# 2019

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0102 5.49		<b>16</b> 0708 2.69		<b>1</b> 0251 4.86		<b>16</b> 0048 4.94		<b>1</b> 0802 2.82		<b>16</b> 0615 2.53		<b>1</b> 0356 4.58		<b>16</b> 0257 4.91	
0819 2.29		1332 4.86		0959 2.18		0856 2.26		1530 5.09		1353 5.07		1011 2.81		0936 2.36	
TU 1454 5.18		WE 1853 3.75		FR 1648 5.73		SA 1602 5.54		FR 2141 4.05		SA 1934 4.18		MO 1643 5.71		TU 1604 5.93	
2039 3.63				2255 3.58		2153 3.86						2258 2.99		TU 2221 2.65	
<b>2</b> 0218 5.35		<b>17</b> 0038 5.17		<b>2</b> 0407 5.02		<b>17</b> 0253 5.00		<b>2</b> 0216 4.46		<b>17</b> 0014 4.77		<b>2</b> 0441 5.08		<b>17</b> 0412 5.61	
0923 2.00		0825 2.42		1051 1.92		1011 1.80		0938 2.68		0830 2.50		1054 2.47		1035 1.99	
WE 1605 5.60		TH 1510 5.20		SA 1730 6.12		SU 1659 6.12		SA 1634 5.51		SU 1541 5.48		TU 1715 6.04		WE 1647 6.35	
2159 3.53		2041 3.82		2339 3.23		2259 3.35		2250 3.59		2147 3.76		2326 2.58		2303 1.98	
<b>3</b> 0327 5.36		<b>18</b> 0202 5.10		<b>3</b> 0459 5.28		<b>18</b> 0418 5.45		<b>3</b> 0405 4.73		<b>18</b> 0252 4.86		<b>3</b> 0514 5.58		<b>18</b> 0503 6.30	
1016 1.70		0930 2.00		1133 1.68		1107 1.30		1038 2.39		0957 2.09		1128 2.15		1122 1.69	
TH 1656 6.02		FR 1618 5.73		SU 1806 6.44		MO 1743 6.67		SU 1715 5.93		MO 1638 6.04		WE 1745 6.30		TH 1726 6.68	
2257 3.31		2204 3.61				2346 2.79		2327 3.15		2246 3.10		2352 2.22		2342 1.41	
<b>4</b> 0420 5.47		<b>19</b> 0322 5.27		<b>4</b> 0013 2.92		<b>19</b> 0517 6.02		<b>4</b> 0455 5.14		<b>19</b> 0418 5.48		<b>4</b> 0544 6.04		<b>19</b> 0548 6.85	
1101 1.45		1026 1.51		0538 5.56		1156 0.87		1120 2.08		1055 1.61		1157 1.89		1204 1.53	
FR 1738 6.37		SA 1711 6.27		MO 1209 1.47		TU 1823 7.13		MO 1747 6.27		TU 1720 6.56		TH 1810 6.49		FR 1802 6.90	
2342 3.08		2305 3.27		1838 6.68				2356 2.76		2329 2.43				○	
<b>5</b> 0504 5.61		<b>20</b> 0426 5.61		<b>5</b> 0044 2.65		<b>20</b> 0029 2.25		<b>5</b> 0531 5.55		<b>20</b> 0514 6.18		<b>5</b> 0018 1.90		<b>20</b> 0019 0.97	
1142 1.26		1116 1.03		0613 5.82		0608 6.54		1154 1.80		1143 1.21		0614 6.44		0630 7.20	
SA 1815 6.63		SU 1756 6.77		TU 1240 1.33		WE 1240 0.60		TU 1816 6.55		WE 1759 6.99		FR 1225 1.71		SA 1243 1.53	
		2355 2.90		● 1907 6.84		○ 1900 7.44						● 1833 6.61		1835 6.97	
<b>6</b> 0020 2.88		<b>21</b> 0519 5.99		<b>6</b> 0112 2.45		<b>21</b> 0108 1.78		<b>6</b> 0023 2.44		<b>21</b> 0008 1.81		<b>6</b> 0044 1.61		<b>21</b> 0056 0.71	
0543 5.74		1203 0.63		0645 6.04		0654 6.92		0602 5.93		0600 6.78		0645 6.74		0711 7.32	
SU 1217 1.14		MO 1839 7.17		WE 1308 1.26		TH 1321 0.56		WE 1223 1.58		TH 1225 0.98		SA 1252 1.64		SU 1319 1.68	
● 1851 6.79		○		1934 6.92		1936 7.57		1843 6.74		○ 1834 7.27		1856 6.69		1907 6.91	
<b>7</b> 0054 2.74		<b>22</b> 0040 2.54		<b>7</b> 0140 2.29		<b>22</b> 0147 1.44		<b>7</b> 0049 2.17		<b>22</b> 0045 1.31		<b>7</b> 0110 1.36		<b>22</b> 0131 0.65	
0617 5.85		0609 6.35		0716 6.19		0738 7.09		0632 6.26		0645 7.18		0716 6.92		0751 7.21	
MO 1249 1.09		TU 1248 0.39		TH 1334 1.27		FR 1400 0.76		TH 1250 1.44		FR 1303 0.96		SU 1319 1.69		MO 1353 1.97	
1923 6.87		1919 7.43		2000 6.93		2010 7.53		● 1908 6.85		1908 7.39		1917 6.71		1937 6.72	
<b>8</b> 0126 2.63		<b>23</b> 0123 2.22		<b>8</b> 0208 2.17		<b>23</b> 0225 1.27		<b>8</b> 0115 1.94		<b>23</b> 0123 0.98		<b>8</b> 0136 1.18		<b>23</b> 0205 0.79	
0651 5.92		0657 6.59		0748 6.26		0822 7.01		0703 6.52		0726 7.34		0749 6.94		0830 6.91	
TU 1318 1.13		WE 1331 0.37		FR 1400 1.38		SA 1435 1.19		FR 1315 1.39		SA 1340 1.16		MO 1345 1.86		TU 1426 2.34	
1954 6.87		1959 7.53		2024 6.87		2043 7.30		1930 6.90		1940 7.33		1939 6.67		2006 6.41	
<b>9</b> 0156 2.57		<b>24</b> 0205 1.98		<b>9</b> 0236 2.11		<b>24</b> 0303 1.29		<b>9</b> 0141 1.76		<b>24</b> 0159 0.85		<b>9</b> 0202 1.10		<b>24</b> 0236 1.09	
0723 5.93		0744 6.67		0821 6.22		0905 6.71		0734 6.66		0807 7.25		0825 6.82		0908 6.50	
WE 1345 1.24		TH 1413 0.58		SA 1425 1.59		SU 1510 1.77		SA 1341 1.46		SU 1415 1.54		TU 1414 2.15		WE 1458 2.74	
2022 6.81		2036 7.46		2047 6.75		2114 6.93		1952 6.88		2010 7.12		2001 6.55		2033 6.01	
<b>10</b> 0228 2.55		<b>25</b> 0247 1.85		<b>10</b> 0304 2.09		<b>25</b> 0341 1.48		<b>10</b> 0207 1.63		<b>25</b> 0233 0.93		<b>10</b> 0229 1.14		<b>25</b> 0306 1.53	
0757 5.87		0830 6.56		0857 6.08		0949 6.25		0806 6.67		0847 6.93		0902 6.55		0947 6.04	
TH 1412 1.43		FR 1453 1.02		SU 1451 1.90		MO 1543 2.43		SU 1406 1.64		MO 1446 2.04		WE 1442 2.53		TH 1533 3.14	
2050 6.68		2112 7.23		2110 6.56		2143 6.44		2014 6.80		2038 6.76		2026 6.33		2102 5.53	
<b>11</b> 0300 2.57		<b>26</b> 0330 1.84		<b>11</b> 0334 2.13		<b>26</b> 0420 1.81		<b>11</b> 0232 1.57		<b>26</b> 0307 1.20		<b>11</b> 0257 1.32		<b>26</b> 0336 2.04	
0832 5.73		0918 6.28		0935 5.84		1037 5.72		0840 6.55		0928 6.46		0944 6.17		1031 5.58	
FR 1440 1.70		SA 1531 1.63		MO 1520 2.31		TU 1617 3.10		MO 1431 1.94		TU 1517 2.60		TH 1515 2.97		FR 1620 3.52	
2117 6.51		2147 6.87		2133 6.31		● 2211 5.90		2034 6.65		2104 6.29		2055 5.99		2137 5.02	
<b>12</b> 0335 2.62		<b>27</b> 0415 1.94		<b>12</b> 0406 2.22		<b>27</b> 0506 2.22		<b>12</b> 0258 1.59		<b>27</b> 0340 1.62		<b>12</b> 0330 1.65		<b>27</b> 0414 2.57	
0911 5.52		1010 5.87		1019 5.54		1138 5.21		0916 6.30		1011 5.92		1034 5.74		1128 5.20	
SA 1509 2.05		SU 1611 2.33		TU 1552 2.79		WE 1702 3.71		TU 1458 2.34		WE 1549 3.15		FR 1559 3.45		SA 1740 3.79	
2145 6.28		2223 6.41		2200 6.00		2244 5.32		2057 6.42		2130 5.76		2130 5.53		● 2230 4.50	
<b>13</b> 0414 2.70		<b>28</b> 0504 2.13		<b>13</b> 0445 2.34		<b>28</b> 0612 2.62		<b>13</b> 0325 1.70		<b>28</b> 0415 2.13		<b>13</b> 0420 2.10		<b>28</b> 0519 3.07	
0955 5.27		1107 5.42		1114 5.22		1316 4.90		0957 5.94		1100 5.38		1142 5.36		1303 4.99	
SU 1543 2.47		MO 1655 3.04		WE 1634 3.32		TH 1840 4.17		WE 1528 2.82		TH 1632 3.67		SA 1716 3.87		SU 2007 3.72	
2215 6.01		● 2300 5.90		● 2233 5.64		2335 4.77		2121 6.10		● 2200 5.19		● 2228 4.99			
<b>14</b> 0459 2.77		<b>29</b> 0604 2.33		<b>14</b> 0542 2.47		<b>29</b> 0506 2.22		<b>14</b> 0358 1.92		<b>29</b> 0500 2.66		<b>14</b> 0553 2.55		<b>29</b> 0033 4.16	
1048 5.01		1223 5.06		1232 4.98				1047 5.53		1215 4.97		1322 5.22		0737 3.31	
MO 1625 2.94		TU 1756 3.66		TH 1741 3.84				TH 1604 3.36		FR 1759 4.08		SU 1944 3.89		MO 1457 5.14	
● 2250 5.71		2347 5.40		2321 5.26				● 2152 5.70		2243 4.61				2130 3.29	
<b>15</b> 0556 2.79		<b>30</b> 0722 2.45		<b>15</b> 0713 2.51		<b>30</b> 0641 3.09		<b>15</b> 0445 2.22		<b>30</b> 0641 3.09		<b>15</b> 0030 4.61		<b>30</b> 0316 4.46	
1159 4.83		1413 5.00		1429 5.06		1440 4.96		1158 5.16		1440 4.96		0808 2.65		0916 3.15	
TU 1724 3.40		WE 1945 4.03		FR 1949 4.12				FR 1706 3.90		SA 2117 3.95		MO 1503 5.50		TU 1553 5.42	
2334 5.41								2237 5.22				2127 3.34		2213 2.84	
		<b>31</b> 0102 4.99						<b>31</b> 0130 4.21							
		0848 2.39						0901 3.09							
		TH 1551 5.31						SU 1600 5.32							
		2145 3.92						2224 3.46							

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +09:30)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

Caution: Predictions are of secondary quality

# CHARLES POINT PATCHES – NORTHERN TERRITORY

LAT 12° 20' S LONG 130° 42' E

Times and Heights of High and Low Waters

# 2019

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0409 4.98		<b>16</b> 0357 5.65		<b>1</b> 0446 5.82		<b>16</b> 0521 6.34		<b>1</b> 0503 6.00		<b>16</b> 0556 6.27		<b>1</b> 0617 6.64		<b>16</b> 0028 1.30	
1011 2.84		1008 2.44		1045 2.69		1126 2.64		1057 2.90		1202 2.70		1217 2.42		0649 6.48	
WE 1630 5.69		TH 1608 6.01		SA 1638 5.59		SU 1700 5.78		MO 1628 5.37		TU 1728 5.45		TH 1748 5.93		FR 1256 2.10	
2245 2.43		2233 1.64		2303 1.54		2333 0.96		2310 1.12				●		1835 5.86	
<b>2</b> 0445 5.51		<b>17</b> 0448 6.23		<b>2</b> 0525 6.26		<b>17</b> 0605 6.58		<b>2</b> 0547 6.38		<b>17</b> 0003 1.12		<b>2</b> 0028 0.50		<b>17</b> 0058 1.24	
1050 2.53		1059 2.25		1123 2.51		1209 2.54		1143 2.71		0634 6.45		0658 6.93		0717 6.55	
TH 1700 5.91		FR 1650 6.22		SU 1709 5.78		MO 1739 5.86		TU 1711 5.65		WE 1240 2.52		FR 1300 2.06		SA 1324 1.93	
2314 2.04		2315 1.18		2337 1.15		○		2352 0.75		○ 1807 5.60		1836 6.28		1907 6.04	
<b>3</b> 0516 6.01		<b>18</b> 0533 6.68		<b>3</b> 0603 6.60		<b>18</b> 0014 0.84		<b>3</b> 0630 6.69		<b>18</b> 0040 1.05		<b>3</b> 0112 0.36		<b>18</b> 0124 1.26	
1123 2.27		1143 2.13		1200 2.40		0645 6.70		1227 2.53		0710 6.53		0736 7.10		0744 6.54	
FR 1728 6.08		SA 1729 6.36		MO 1740 5.96		TU 1248 2.49		WE 1754 5.90		TH 1314 2.38		SA 1341 1.76		SU 1351 1.82	
2342 1.68		2354 0.85		●		1816 5.89		●		1844 5.72		1924 6.50		1939 6.12	
<b>4</b> 0549 6.44		<b>19</b> 0616 6.96		<b>4</b> 0012 0.82		<b>19</b> 0051 0.83		<b>4</b> 0036 0.48		<b>19</b> 0113 1.07		<b>4</b> 0154 0.45		<b>19</b> 0150 1.36	
1155 2.09		1223 2.11		0643 6.83		0724 6.70		0713 6.89		0742 6.54		0814 7.11		0807 6.48	
SA 1753 6.22		SU 1804 6.42		TU 1238 2.36		WE 1325 2.48		TH 1310 2.38		FR 1345 2.28		SU 1423 1.55		MO 1418 1.76	
		○		1812 6.11		1852 5.86		1838 6.09		1918 5.77		2011 6.52		2012 6.11	
<b>5</b> 0010 1.33		<b>20</b> 0031 0.68		<b>5</b> 0047 0.59		<b>20</b> 0125 0.93		<b>5</b> 0119 0.38		<b>20</b> 0143 1.18		<b>5</b> 0234 0.77		<b>20</b> 0215 1.55	
0623 6.76		0657 7.04		0723 6.93		0800 6.61		0754 6.97		0812 6.49		0849 6.96		0830 6.35	
SU 1226 2.00		MO 1300 2.18		WE 1316 2.40		TH 1400 2.51		FR 1354 2.26		SA 1417 2.23		MO 1504 1.46		TU 1446 1.76	
● 1817 6.34		1838 6.38		1846 6.18		1927 5.77		1924 6.16		1953 5.75		2059 6.35		2045 5.99	
<b>6</b> 0039 1.04		<b>21</b> 0107 0.67		<b>6</b> 0125 0.51		<b>21</b> 0157 1.13		<b>6</b> 0202 0.48		<b>21</b> 0210 1.35		<b>6</b> 0314 1.27		<b>21</b> 0242 1.83	
0658 6.95		0736 6.97		0804 6.90		0833 6.45		0834 6.93		0840 6.37		0925 6.66		0852 6.17	
MO 1257 2.03		TU 1336 2.33		TH 1357 2.48		FR 1434 2.57		SA 1438 2.18		SU 1449 2.22		TU 1547 1.50		WE 1515 1.81	
1842 6.42		1910 6.25		1925 6.14		2001 5.60		2013 6.10		2029 5.66		2147 6.02		2122 5.77	
<b>7</b> 0108 0.83		<b>22</b> 0141 0.81		<b>7</b> 0205 0.62		<b>22</b> 0226 1.41		<b>7</b> 0246 0.78		<b>22</b> 0238 1.60		<b>7</b> 0354 1.91		<b>22</b> 0310 2.19	
0734 7.00		0815 6.76		0846 6.76		0906 6.24		0915 6.76		0906 6.21		1000 6.25		0915 5.93	
TU 1328 2.16		WE 1411 2.53		FR 1441 2.61		SA 1512 2.65		SU 1525 2.15		MO 1522 2.25		WE 1633 1.66		TH 1544 1.92	
1908 6.43		1941 6.03		2007 5.96		2039 5.37		2104 5.89		2106 5.49		2242 5.60		2204 5.49	
<b>8</b> 0139 0.74		<b>23</b> 0213 1.10		<b>8</b> 0247 0.92		<b>23</b> 0256 1.75		<b>8</b> 0330 1.25		<b>23</b> 0307 1.91		<b>8</b> 0438 2.58		<b>23</b> 0342 2.62	
0813 6.89		0851 6.46		0930 6.52		0938 6.01		0956 6.49		0933 6.00		1037 5.76		0939 5.63	
WE 1401 2.39		TH 1445 2.75		SA 1530 2.75		SU 1552 2.75		MO 1615 2.16		TU 1558 2.32		TH 1727 1.90		FR 1617 2.08	
1937 6.34		2013 5.72		2056 5.65		2121 5.10		2200 5.59		2147 5.27		● 2347 5.19		2254 5.17	
<b>9</b> 0211 0.83		<b>24</b> 0242 1.47		<b>9</b> 0334 1.37		<b>24</b> 0329 2.13		<b>9</b> 0417 1.84		<b>24</b> 0340 2.28		<b>9</b> 0534 3.21		<b>24</b> 0422 3.10	
0854 6.66		0928 6.13		1017 6.22		1013 5.76		1038 6.14		1001 5.74		1120 5.25		1008 5.28	
TH 1437 2.69		FR 1525 2.98		SU 1628 2.85		MO 1639 2.85		TU 1710 2.18		WE 1638 2.42		FR 1835 2.12		SA 1704 2.26	
2009 6.11		2047 5.35		2156 5.28		2211 4.82		● 2302 5.27		2236 5.03		●		●	
<b>10</b> 0245 1.09		<b>25</b> 0313 1.91		<b>10</b> 0429 1.92		<b>25</b> 0409 2.53		<b>10</b> 0511 2.46		<b>25</b> 0419 2.69		<b>10</b> 0118 4.96		<b>25</b> 0002 4.90	
0938 6.33		1006 5.79		1109 5.91		1050 5.50		1124 5.76		1032 5.45		0704 3.64		0524 3.58	
FR 1520 3.02		SA 1612 3.20		MO 1736 2.85		TU 1737 2.90		WE 1813 2.19		TH 1726 2.50		SA 1223 4.79		SU 1050 4.90	
2046 5.75		2129 4.94		● 2310 4.96		● 2312 4.60		● 2302 5.27		2236 5.03		2002 2.20		1823 2.40	
<b>11</b> 0327 1.51		<b>26</b> 0348 2.38		<b>11</b> 0537 2.46		<b>26</b> 0503 2.92		<b>11</b> 0019 5.04		<b>26</b> 0512 3.11		<b>11</b> 0304 5.09		<b>26</b> 0145 4.85	
1028 5.95		1049 5.48		1208 5.65		1136 5.23		0618 3.00		1111 5.13		0906 3.65		0721 3.86	
SA 1617 3.33		SU 1715 3.36		TU 1855 2.69		WE 1845 2.85		TH 1219 5.40		FR 1828 2.51		SU 1410 4.56		MO 1207 4.55	
2136 5.29		2225 4.55						1926 2.11				2124 2.08		2015 2.31	
<b>12</b> 0424 2.04		<b>27</b> 0439 2.84		<b>12</b> 0043 4.86		<b>27</b> 0032 4.53		<b>12</b> 0152 5.05		<b>27</b> 0055 4.74		<b>12</b> 0416 5.44		<b>27</b> 0330 5.20	
1130 5.62		1145 5.22		0700 2.84		0616 3.22		0745 3.32		0627 3.46		1028 3.33		0930 3.64	
SU 1742 3.51		MO 1844 3.35		WE 1317 5.49		TH 1234 5.02		FR 1328 5.14		SA 1204 4.85		MO 1544 4.68		TU 1420 4.53	
● 2253 4.83		● 2351 4.29		2011 2.35		1957 2.66		2038 1.93		1944 2.38		2226 1.86		2141 1.93	
<b>13</b> 0551 2.53		<b>28</b> 0600 3.20		<b>13</b> 0222 5.09		<b>28</b> 0205 4.71		<b>13</b> 0318 5.31		<b>28</b> 0231 4.91		<b>13</b> 0505 5.80		<b>28</b> 0432 5.71	
1248 5.45		1305 5.07		0827 2.98		0745 3.35		0915 3.35		0807 3.60		1117 2.95		1035 3.16	
MO 1929 3.32		TU 2015 3.11		TH 1426 5.47		FR 1345 4.92		SA 1445 5.05		SU 1322 4.69		TU 1643 4.98		WE 1555 4.98	
				2113 1.93		2055 2.35		2141 1.70		2057 2.09		2315 1.63		2241 1.44	
<b>14</b> 0051 4.66		<b>29</b> 0154 4.39		<b>14</b> 0337 5.54		<b>29</b> 0320 5.10		<b>14</b> 0423 5.67		<b>29</b> 0350 5.31		<b>14</b> 0545 6.11		<b>29</b> 0517 6.23	
0739 2.74		0746 3.30		0939 2.92		0905 3.27		1026 3.17		0938 3.45		1155 2.61		1122 2.60	
TU 1414 5.52		WE 1430 5.12		FR 1526 5.55		SA 1451 4.97		SU 1550 5.12		MO 1451 4.78		WE 1726 5.30		TH 1656 5.60	
2052 2.81		2113 2.74		2204 1.53		2143 1.96		2234 1.46		2159 1.68		2354 1.43		2331 0.99	
<b>15</b> 0246 5.04		<b>30</b> 0316 4.82		<b>15</b> 0433 5.98		<b>30</b> 0415 5.55		<b>15</b> 0514 6.01		<b>30</b> 0446 5.78		<b>15</b> 0618 6.34		<b>30</b> 0558 6.67	
0905 2.65		0907 3.15		1037 2.78		1006 3.10		1119 2.93		1042 3.15		1227 2.32		1202 2.05	
WE 1518 5.75		TH 1526 5.26		SA 1615 5.67		SU 1543 5.14		MO 1644 5.27		TU 1601 5.09		TH 1802 5.61		FR 1745 6.20	
2148 2.20		2154 2.35		2251 1.20		2227 1.54		2322 1.26		2252 1.23		○		●	
		<b>31</b> 0405 5.33								<b>31</b> 0534 6.24				<b>31</b> 0015 0.66	
		1001 2.91								1132 2.79				0634 7.00	
		FR 1605 5.42								WE 1658 5.50				SA 1242 1.55	
		2230 1.95								2342 0.81				1831 6.69	

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +09:30)

Moon Phase Symbols

● New Moon

○ First Quarter

# CHARLES POINT PATCHES – NORTHERN TERRITORY

LAT 12° 20' S LONG 130° 42' E

Times and Heights of High and Low Waters

# 2019

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0058 0.54		<b>16</b> 0101 1.44		<b>1</b> 0115 1.10		<b>16</b> 0102 1.82		<b>1</b> 0208 2.32		<b>16</b> 0143 2.55		<b>1</b> 0235 2.80		<b>16</b> 0222 2.77	
0710 7.18		0710 6.54		0712 7.11		0655 6.43		0742 6.37		0711 6.20		0756 5.82		0742 6.06	
SU 1320 1.16		MO 1321 1.43		TU 1330 0.47		WE 1314 0.97		FR 1413 0.74		SA 1344 0.73		SU 1426 1.27		MO 1419 0.84	
1915 6.97		1921 6.54		1945 7.32		1934 6.88		2052 6.72		2034 6.77		2115 6.46		2108 6.84	
<b>2</b> 0137 0.65		<b>17</b> 0126 1.51		<b>2</b> 0152 1.43		<b>17</b> 0129 1.97		<b>2</b> 0245 2.72		<b>17</b> 0218 2.80		<b>2</b> 0315 3.01		<b>17</b> 0307 2.84	
0745 7.19		0731 6.51		0743 6.93		0715 6.38		0811 5.95		0741 6.02		0831 5.43		0828 5.82	
MO 1358 0.92		TU 1345 1.33		WE 1406 0.51		TH 1338 0.91		SA 1445 1.21		SU 1415 0.96		MO 1456 1.77		TU 1500 1.26	
2000 7.01		1952 6.56		2027 7.06		2007 6.78		2133 6.25		2115 6.48		2152 6.10		2149 6.59	
<b>3</b> 0215 0.99		<b>18</b> 0151 1.67		<b>3</b> 0228 1.90		<b>18</b> 0156 2.22		<b>3</b> 0324 3.13		<b>18</b> 0259 3.08		<b>3</b> 0402 3.21		<b>18</b> 0359 2.91	
0817 7.03		0752 6.42		0813 6.59		0736 6.27		0842 5.45		0815 5.71		0913 5.00		0921 5.48	
TU 1436 0.88		WE 1410 1.29		TH 1441 0.77		FR 1401 0.96		SU 1515 1.79		MO 1450 1.35		TU 1527 2.31		WE 1546 1.80	
2044 6.80		2025 6.45		2109 6.61		2044 6.54		2217 5.77		2201 6.15		2232 5.77		2234 6.29	
<b>4</b> 0251 1.51		<b>19</b> 0216 1.94		<b>4</b> 0302 2.46		<b>19</b> 0224 2.56		<b>4</b> 0415 3.49		<b>19</b> 0352 3.36		<b>4</b> 0502 3.34		<b>19</b> 0459 2.92	
0849 6.70		0812 6.27		0841 6.12		0759 6.07		0917 4.89		0900 5.28		1008 4.58		1028 5.13	
WE 1515 1.03		TH 1433 1.34		FR 1515 1.22		SA 1426 1.14		MO 1549 2.41		TU 1536 1.88		WE 1608 2.84		TH 1644 2.41	
2129 6.39		2100 6.22		2154 6.06		2123 6.19		☉ 2313 5.36		2256 5.82		☉ 2321 5.47		☉ 2325 5.99	
<b>5</b> 0327 2.14		<b>20</b> 0243 2.30		<b>5</b> 0339 3.02		<b>20</b> 0256 2.97		<b>5</b> 0540 3.72		<b>20</b> 0508 3.52		<b>5</b> 0628 3.34		<b>20</b> 0611 2.81	
0919 6.24		0832 6.05		0909 5.57		0825 5.76		1013 4.34		1010 4.81		1131 4.27		1152 4.91	
TH 1554 1.35		FR 1457 1.47		SA 1550 1.78		SU 1454 1.45		TU 1647 3.01		WE 1649 2.47		TH 1717 3.32		FR 1759 2.96	
2217 5.86		2138 5.89		2245 5.51		2209 5.80		☉		☉		☉		☉	
<b>6</b> 0406 2.80		<b>21</b> 0312 2.74		<b>6</b> 0429 3.54		<b>21</b> 0337 3.40		<b>6</b> 0038 5.11		<b>21</b> 0004 5.59		<b>6</b> 0030 5.25		<b>21</b> 0025 5.73	
0950 5.69		0855 5.75		0940 4.96		0857 5.33		0804 3.55		0650 3.38		0800 3.11		0730 2.54	
FR 1638 1.79		SA 1524 1.69		SU 1634 2.40		MO 1533 1.91		WE 1232 3.99		TH 1200 4.53		FR 1344 4.32		SA 1336 4.99	
☉ 2315 5.33		2225 5.49		☉ 2357 5.07		☉ 2310 5.42		1910 3.38		1839 2.88		1909 3.59		1931 3.30	
<b>7</b> 0455 3.42		<b>22</b> 0348 3.24		<b>7</b> 0607 3.90		<b>22</b> 0452 3.79		<b>7</b> 0228 5.18		<b>22</b> 0126 5.55		<b>7</b> 0157 5.20		<b>22</b> 0135 5.59	
1024 5.10		0922 5.36		1027 4.35		0946 4.80		0921 3.08		0821 2.89		0901 2.74		0840 2.13	
SA 1737 2.27		SU 1601 2.02		MO 1809 2.94		TU 1645 2.45		TH 1522 4.38		FR 1409 4.80		SA 1516 4.77		SU 1508 5.40	
☉		☉ 2329 5.12		☉		☉		2100 3.30		2022 2.92		2047 3.52		2100 3.35	
<b>8</b> 0040 4.94		<b>23</b> 0448 3.73		<b>8</b> 0204 4.97		<b>23</b> 0039 5.21		<b>8</b> 0330 5.42		<b>23</b> 0239 5.71		<b>8</b> 0302 5.28		<b>23</b> 0244 5.59	
0630 3.86		1001 4.89		0910 3.66		0714 3.82		1000 2.61		0920 2.26		0944 2.36		0938 1.69	
SU 1116 4.52		MO 1714 2.41		TU 1341 3.97		WE 1141 4.35		FR 1607 4.94		SA 1531 5.45		SU 1604 5.29		MO 1613 5.92	
1920 2.60		2038 3.04		2038 3.04		1915 2.75		2158 3.03		2135 2.75		2149 3.31		2210 3.22	
<b>9</b> 0247 4.98		<b>24</b> 0110 4.95		<b>9</b> 0333 5.27		<b>24</b> 0224 5.37		<b>9</b> 0410 5.66		<b>24</b> 0334 5.95		<b>9</b> 0347 5.41		<b>24</b> 0343 5.69	
0916 3.74		0711 3.98		1008 3.12		0903 3.27		1031 2.19		1007 1.64		1019 1.97		1028 1.29	
MO 1351 4.17		TU 1128 4.42		WE 1554 4.44		TH 1427 4.58		SA 1640 5.49		SU 1626 6.11		MO 1643 5.80		TU 1705 6.38	
2109 2.56		1942 2.55		2153 2.81		2100 2.55		2237 2.75		2230 2.54		2235 3.08		2305 3.04	
<b>10</b> 0404 5.34		<b>25</b> 0306 5.24		<b>10</b> 0418 5.62		<b>25</b> 0330 5.77		<b>10</b> 0442 5.85		<b>25</b> 0419 6.18		<b>10</b> 0422 5.54		<b>25</b> 0432 5.83	
1029 3.25		0927 3.56		1041 2.62		0956 2.56		1100 1.82		1049 1.11		1052 1.60		1114 0.98	
TU 1553 4.48		WE 1422 4.45		TH 1634 4.99		FR 1549 5.32		SU 1710 5.99		MO 1713 6.66		TU 1719 6.25		WE 1750 6.74	
2216 2.32		2125 2.22		2239 2.51		2204 2.19		2311 2.50		2317 2.38		2314 2.88		2353 2.86	
<b>11</b> 0449 5.71		<b>26</b> 0409 5.75		<b>11</b> 0453 5.92		<b>26</b> 0416 6.17		<b>11</b> 0509 5.99		<b>26</b> 0500 6.35		<b>11</b> 0453 5.70		<b>26</b> 0517 5.96	
1107 2.78		1022 2.91		1109 2.20		1037 1.85		1126 1.49		1130 0.71		1124 1.24		1157 0.79	
WE 1645 4.94		TH 1557 5.10		FR 1705 5.51		SA 1641 6.10		MO 1741 6.41		TU 1757 7.04		WE 1755 6.62		TH 1832 6.96	
2302 2.04		2227 1.75		2314 2.23		2254 1.87		2341 2.33		☉		2350 2.75		☉	
<b>12</b> 0524 6.04		<b>27</b> 0452 6.24		<b>12</b> 0522 6.15		<b>27</b> 0456 6.51		<b>12</b> 0533 6.10		<b>27</b> 0000 2.31		<b>12</b> 0522 5.86		<b>27</b> 0035 2.73	
1137 2.38		1102 2.23		1134 1.86		1115 1.22		1153 1.19		0537 6.44		1157 0.91		0559 6.04	
TH 1721 5.39		FR 1651 5.87		SA 1734 5.98		SU 1725 6.75		TU 1812 6.74		WE 1208 0.47		TH 1832 6.89		FR 1236 0.73	
2339 1.79		2315 1.33		2343 2.00		2337 1.66		☉		☉ 1839 7.23		☉		1912 7.04	
<b>13</b> 0555 6.28		<b>28</b> 0530 6.67		<b>13</b> 0548 6.30		<b>28</b> 0532 6.76		<b>13</b> 0011 2.24		<b>28</b> 0041 2.33		<b>13</b> 0026 2.68		<b>28</b> 0115 2.65	
1204 2.05		1140 1.59		1200 1.56		1152 0.72		0557 6.18		0613 6.44		0553 6.02		0637 6.06	
FR 1752 5.80		SA 1737 6.56		SU 1802 6.37		MO 1808 7.19		WE 1220 0.93		TH 1245 0.42		FR 1230 0.67		SA 1313 0.81	
☉		2358 1.05		☉		☉		1845 6.95		1919 7.22		1910 7.04		1948 7.01	
<b>14</b> 0009 1.60		<b>29</b> 0605 6.97		<b>14</b> 0010 1.84		<b>29</b> 0017 1.61		<b>14</b> 0041 2.25		<b>29</b> 0119 2.44		<b>14</b> 0102 2.67		<b>29</b> 0151 2.62	
0622 6.44		1217 1.05		0612 6.39		0606 6.87		0620 6.25		0647 6.34		0626 6.14		0714 6.00	
SA 1230 1.79		SU 1821 7.06		MO 1224 1.32		TU 1229 0.41		TH 1247 0.74		FR 1322 0.55		SA 1305 0.55		SU 1345 1.01	
☉ 1822 6.14		☉		☉ 1831 6.67		1849 7.40		1919 7.02		2000 7.06		1948 7.08		2022 6.88	
<b>15</b> 0036 1.48		<b>30</b> 0038 0.97		<b>15</b> 0036 1.78		<b>30</b> 0056 1.72		<b>15</b> 0111 2.36		<b>30</b> 0158 2.60		<b>15</b> 0141 2.70		<b>30</b> 0226 2.64	
0647 6.52		0639 7.12		0634 6.42		0640 6.84		0645 6.26		0722 6.13		0701 6.16		0750 5.86	
SU 1256 1.58		MO 1254 0.66		TU 1249 1.11		WE 1304 0.30		FR 1315 0.66		SA 1355 0.85		SU 1341 0.60		MO 1415 1.32	
1851 6.40		1903 7.32		1902 6.84		1930 7.36		1956 6.95		2037 6.79		2028 7.01		2054 6.69	
				<b>31</b> 0132 1.97										<b>31</b> 0301 2.69	
				0711 6.67										0828 5.64	
				TH 1340 0.42										TU 1443 1.70	
				2011 7.12										2125 6.45	

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +09:30)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter