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# PORT ESSINGTON – NORTHERN TERRITORY

LAT 11° 3' S LONG 132° 2' E

Times and Heights of High and Low Waters

# 2018

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> 0158 2.51 0938 0.43 MO 1552 2.17 2133 1.45		<b>16</b> 0240 2.16 1030 0.76 TU 1710 2.03 2231 1.57		<b>1</b> 0324 2.57 1058 0.34 TH 1706 2.28 2304 1.08		<b>16</b> 0339 2.23 1108 0.75 FR 1728 2.20 2313 1.29		<b>1</b> 0230 2.38 1001 0.61 TH 1555 2.18 2207 1.12		<b>16</b> 0250 2.08 1011 0.95 FR 1616 2.14 2217 1.31		<b>1</b> 0433 2.32 1104 0.83 SU 1637 2.42 2326 0.57		<b>16</b> 0356 2.32 1035 1.01 MO 1602 2.42 2258 0.68		
<b>2</b> 0243 2.61 1027 0.27 TU 1640 2.24 2224 1.33		<b>17</b> 0314 2.21 1102 0.71 WE 1738 2.10 2302 1.49		<b>2</b> 0420 2.56 1140 0.34 FR 1755 2.35 2352 0.92		<b>17</b> 0419 2.31 1135 0.69 SA 1758 2.29 2345 1.15		<b>2</b> 0327 2.42 1044 0.57 FR 1635 2.30 2256 0.90		<b>17</b> 0327 2.21 1038 0.87 SA 1635 2.24 2248 1.12		<b>2</b> 0528 2.34 1139 0.87 MO 1717 2.45		<b>17</b> 0444 2.42 1108 0.99 TU 1632 2.51 2337 0.46		
<b>3</b> 0330 2.67 1112 0.18 WE 1731 2.31 2313 1.19		<b>18</b> 0350 2.26 1132 0.66 TH 1807 2.17 2333 1.40		<b>3</b> 0524 2.50 1219 0.40 SA 1845 2.41		<b>18</b> 0505 2.38 1203 0.66 SU 1830 2.35		<b>3</b> 0426 2.44 1123 0.57 SA 1718 2.39 2341 0.73		<b>18</b> 0408 2.33 1106 0.81 SU 1659 2.34 2322 0.92		<b>3</b> 0005 0.47 0620 2.33 TU 1214 0.95 1758 2.43		<b>18</b> 0538 2.48 1143 1.01 WE 1708 2.57		
<b>4</b> 0422 2.66 1154 0.16 TH 1824 2.36		<b>19</b> 0430 2.29 1200 0.63 FR 1841 2.24		<b>4</b> 0038 0.81 0634 2.41 SU 1257 0.53 1933 2.43		<b>19</b> 0021 1.00 0558 2.42 MO 1234 0.68 1905 2.40		<b>4</b> 0529 2.42 1200 0.62 SU 1805 2.44		<b>19</b> 0454 2.42 1136 0.79 MO 1729 2.42 2358 0.73		<b>4</b> 0044 0.46 0708 2.28 WE 1246 1.07 1838 2.36		<b>19</b> 0017 0.30 0637 2.48 TH 1219 1.06 1750 2.58		
<b>5</b> 0000 1.07 0522 2.58 FR 1236 0.24 1916 2.38		<b>20</b> 0006 1.32 0515 2.32 SA 1229 0.62 1916 2.29		<b>5</b> 0125 0.77 0736 2.30 MO 1335 0.72 2017 2.40		<b>20</b> 0059 0.88 0654 2.41 TU 1306 0.77 1941 2.41		<b>5</b> 0024 0.62 0630 2.37 MO 1236 0.73 1850 2.44		<b>20</b> 0547 2.47 1208 0.82 TU 1803 2.47		<b>5</b> 0121 0.52 0751 2.20 TH 1317 1.21 1914 2.27		<b>20</b> 0100 0.23 0735 2.42 FR 1258 1.15 1842 2.55		
<b>6</b> 0048 0.99 0634 2.46 SA 1316 0.39 2005 2.39		<b>21</b> 0042 1.23 0609 2.32 SU 1259 0.64 1952 2.33		<b>6</b> 0212 0.78 0829 2.16 TU 1410 0.94 2058 2.33		<b>21</b> 0140 0.79 0749 2.36 WE 1340 0.92 2017 2.40		<b>6</b> 0106 0.58 0723 2.30 TU 1311 0.88 1933 2.40		<b>21</b> 0037 0.57 0645 2.47 WE 1242 0.90 1843 2.49		<b>6</b> 0158 0.64 0833 2.08 FR 1346 1.36 1947 2.16		<b>21</b> 0144 0.27 0831 2.32 SA 1339 1.24 1939 2.47		
<b>7</b> 0138 0.96 0744 2.32 SU 1357 0.60 2052 2.36		<b>22</b> 0121 1.16 0705 2.31 MO 1332 0.72 2028 2.34		<b>7</b> 0300 0.84 0919 2.00 WE 1446 1.16 2136 2.24		<b>22</b> 0226 0.73 0844 2.25 TH 1417 1.11 2053 2.38		<b>7</b> 0147 0.62 0811 2.18 WE 1343 1.07 2011 2.31		<b>22</b> 0119 0.47 0742 2.41 TH 1317 1.04 1926 2.48		<b>7</b> 0236 0.80 0916 1.95 SA 1413 1.49 2015 2.05		<b>22</b> 0232 0.40 0927 2.20 SU 1426 1.34 2038 2.36		
<b>8</b> 0231 0.97 0843 2.15 MO 1438 0.84 2138 2.30		<b>23</b> 0204 1.10 0759 2.26 TU 1406 0.86 2103 2.32		<b>8</b> 0352 0.91 1013 1.84 TH 1518 1.37 2212 2.13		<b>23</b> 0317 0.73 0943 2.11 FR 1455 1.31 2132 2.34		<b>8</b> 0229 0.71 0855 2.04 TH 1413 1.26 2043 2.20		<b>23</b> 0203 0.46 0837 2.30 FR 1355 1.20 2011 2.44		<b>8</b> 0317 0.97 1010 1.83 SU 1444 1.60 2043 1.95		<b>23</b> 0325 0.59 1028 2.08 MO 1523 1.41 2139 2.23		
<b>9</b> 0328 1.00 0940 1.98 TU 1519 1.09 2223 2.23		<b>24</b> 0252 1.04 0853 2.17 WE 1443 1.04 2138 2.30		<b>9</b> 0451 0.99 1140 1.72 FR 1550 1.55 2251 2.04		<b>24</b> 0416 0.75 1052 1.97 SA 1540 1.47 2218 2.31		<b>9</b> 0312 0.84 0941 1.89 FR 1441 1.44 2112 2.08		<b>24</b> 0253 0.52 0936 2.15 SA 1436 1.35 2059 2.37		<b>9</b> 0408 1.13 1154 1.77 MO 1536 1.69 2124 1.86		<b>24</b> 0428 0.80 1136 2.01 TU 1640 1.44 2250 2.09		
<b>10</b> 0432 1.02 1047 1.82 WE 1603 1.31 2310 2.16		<b>25</b> 0347 0.99 0951 2.05 TH 1524 1.25 2216 2.28		<b>10</b> 0603 1.06 1403 1.71 SA 1630 1.68 2341 1.98		<b>25</b> 0528 0.78 1219 1.89 SU 1642 1.59 2316 2.28		<b>10</b> 0401 0.99 1045 1.76 SA 1506 1.58 2139 1.98		<b>25</b> 0349 0.63 1042 2.01 SU 1526 1.47 2152 2.29		<b>10</b> 0526 1.24 1347 1.81 TU 1828 1.72 2239 1.80		<b>25</b> 0548 0.98 1243 2.01 WE 1826 1.36		
<b>11</b> 0543 1.02 1228 1.73 TH 1656 1.49 2358 2.11		<b>26</b> 0449 0.93 1103 1.94 FR 1611 1.43 2258 2.28		<b>11</b> 0728 1.07 1531 1.79 SU 1933 1.75		<b>26</b> 0652 0.78 1340 1.91 MO 1819 1.61		<b>11</b> 0503 1.12 1330 1.71 SU 1536 1.69 2218 1.90		<b>26</b> 0457 0.77 1200 1.93 MO 1635 1.54 2258 2.20		<b>11</b> 0712 1.27 1427 1.89 WE 2003 1.63		<b>26</b> 0018 2.01 0718 1.07 TH 1335 2.08 1952 1.20		
<b>12</b> 0657 1.00 1414 1.75 FR 1821 1.62		<b>27</b> 0602 0.86 1233 1.89 SA 1715 1.57 2348 2.31		<b>12</b> 0043 1.96 0843 1.04 MO 1607 1.86 2105 1.72		<b>27</b> 0024 2.29 0810 0.74 TU 1436 1.97 2002 1.52		<b>12</b> 0638 1.19 1509 1.78 MO 1921 1.76 2340 1.85		<b>27</b> 0624 0.86 1315 1.93 TU 1821 1.52		<b>12</b> 0031 1.80 0818 1.23 TH 1447 1.98 2041 1.50		<b>27</b> 0143 2.02 0828 1.10 FR 1417 2.17 2054 0.99		
<b>13</b> 0045 2.09 0806 0.95 SA 1525 1.82 2013 1.67		<b>28</b> 0718 0.76 1356 1.93 SU 1844 1.63		<b>13</b> 0138 1.99 0934 0.98 TU 1628 1.93 2145 1.64		<b>28</b> 0130 2.33 0911 0.67 WE 1517 2.07 2112 1.34		<b>13</b> 0813 1.18 1533 1.86 TU 2048 1.69		<b>28</b> 0017 2.16 0749 0.89 WE 1408 2.00 2000 1.37		<b>13</b> 0146 1.90 0859 1.17 FR 1503 2.08 2113 1.35		<b>28</b> 0251 2.08 0921 1.10 SA 1452 2.28 2144 0.79		
<b>14</b> 0127 2.09 0904 0.89 SU 1611 1.89 2117 1.66		<b>29</b> 0043 2.37 0827 0.63 MO 1454 2.00 2012 1.58		<b>14</b> 0222 2.05 1011 0.90 WE 1645 2.01 2213 1.55		<b>15</b> 0301 2.13 1041 0.83 TH 1705 2.10 2242 1.43		<b>14</b> 0113 1.88 0907 1.11 WE 1547 1.94 2121 1.59		<b>29</b> 0133 2.17 0854 0.88 TH 1449 2.11 2106 1.17		<b>14</b> 0232 2.03 0932 1.11 SA 1520 2.19 2146 1.15		<b>29</b> 0346 2.15 1004 1.10 SU 1525 2.37 2228 0.61		
<b>15</b> 0205 2.12 0951 0.82 MO 1643 1.96 2158 1.63		<b>30</b> 0137 2.45 0925 0.51 TU 1539 2.09 2119 1.44		<b>15</b> 0301 2.13 1041 0.83 TH 1705 2.10 2242 1.43		<b>31</b> 0338 2.28 1026 0.83 SA 1600 2.34 2244 0.73		<b>15</b> 0210 1.96 0943 1.04 TH 1600 2.03 2148 1.47		<b>30</b> 0239 2.22 0944 0.85 FR 1525 2.23 2159 0.94		<b>15</b> 0313 2.18 1003 1.05 SU 1539 2.30 2221 0.92		<b>30</b> 0435 2.22 1042 1.10 MO 1558 2.42 2308 0.48		
		<b>31</b> 0231 2.52 1014 0.40 WE 1621 2.19 2214 1.26														

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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

# PORT ESSINGTON – NORTHERN TERRITORY

LAT 11° 3' S LONG 132° 2' E

Times and Heights of High and Low Waters

# 2018

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>	0522	2.26	<b>16</b>	0436	2.37	<b>1</b>	0001	0.47	<b>16</b>	0618	2.37	<b>1</b>	0015	0.60	<b>16</b>	0015	0.22												
	1117	1.13		1041	1.21		0639	2.20		1146	1.20		0702	2.18		0649	2.38												
TU	1631	2.43	WE	1550	2.60	FR	1202	1.38	SA	1659	2.68	SU	1218	1.40	MO	1225	0.98	WE	1309	1.15	TH	1348	0.66						
	2345	0.41		2319	0.26		1701	2.30					1720	2.24		1802	2.54		1849	2.28		2008	2.26						
<b>2</b>	0608	2.27	<b>17</b>	0531	2.42	<b>2</b>	0035	0.53	<b>17</b>	0030	0.11	<b>2</b>	0045	0.64	<b>17</b>	0056	0.33	<b>2</b>	0116	0.76	<b>17</b>	0151	0.87						
	1151	1.18		1120	1.19		0720	2.18		0713	2.38		0737	2.20		0739	2.40		0809	2.33		0832	2.40						
WE	1706	2.40	TH	1630	2.66	SA	1234	1.41	SU	1233	1.13	MO	1252	1.37	TU	1313	0.91	TH	1348	1.09	FR	1436	0.70	TH	1939	2.24	FR	2100	2.10
							1739	2.23		1802	2.59		1809	2.21		1916	2.42												
<b>3</b>	0021	0.42	<b>18</b>	0001	0.13	<b>3</b>	0107	0.63	<b>18</b>	0112	0.22	<b>3</b>	0114	0.71	<b>18</b>	0136	0.52	<b>3</b>	0147	0.87	<b>18</b>	0227	1.09						
	0652	2.25		0630	2.43		0800	2.15		0804	2.36		0814	2.22		0825	2.40		0841	2.32		0911	2.31						
TH	1223	1.25	FR	1200	1.18	SU	1308	1.44	MO	1322	1.10	TU	1330	1.35	WE	1405	0.88	FR	1431	1.04	SA	1526	0.78	FR	2029	2.17	SA	2153	1.94
	1741	2.33		1717	2.66		1823	2.16		1916	2.45		1903	2.16		2018	2.26		2029	2.17	☾	2153	1.94						
<b>4</b>	0057	0.50	<b>19</b>	0044	0.11	<b>4</b>	0139	0.74	<b>19</b>	0156	0.42	<b>4</b>	0144	0.79	<b>19</b>	0216	0.75	<b>4</b>	0220	1.03	<b>19</b>	0302	1.31						
	0735	2.19		0727	2.40		0841	2.12		0853	2.33		0850	2.22		0910	2.37		0914	2.29		0948	2.19						
FR	1253	1.34	SA	1243	1.19	MO	1345	1.48	TU	1415	1.09	WE	1413	1.34	TH	1459	0.89	SA	1519	1.00	SU	1621	0.89	SA	2123	2.07	SU	2304	1.79
	1817	2.24		1814	2.59		1914	2.08		2024	2.29		1953	2.11		2116	2.09												

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

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● New Moon

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○ Full Moon

◑ Last Quarter

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# PORT ESSINGTON – NORTHERN TERRITORY

LAT 11° 3' S    LONG 132° 2' E

Times and Heights of High and Low Waters

# 2018

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>	0120 0.94 0750 2.39 SA 1403 0.73 2019 2.27	<b>16</b>	0159 1.21 0822 2.26 SU 1452 0.70 2128 1.98	<b>2</b>	0154 1.10 0824 2.37 SU 1450 0.72 2114 2.15	<b>17</b>	0232 1.39 0855 2.13 MO 1539 0.87 2229 1.83	<b>3</b>	0230 1.28 0901 2.33 MO 1543 0.74 2217 2.01	<b>18</b>	0303 1.55 0926 2.00 TU 1636 1.04	<b>4</b>	0312 1.45 0944 2.30 TU 1649 0.79 2339 1.91	<b>19</b>	0030 1.75 0343 1.68 WE 1005 1.89 1802 1.16	<b>5</b>	0405 1.58 1038 2.26 WE 1810 0.81	<b>20</b>	0228 1.79 0722 1.74 TH 1123 1.82 1951 1.18	<b>6</b>	0109 1.89 0528 1.64 TH 1146 2.25 1935 0.79	<b>21</b>	0313 1.86 0847 1.67 FR 1319 1.83 2057 1.14	<b>7</b>	0212 1.95 0720 1.58 FR 1258 2.29 2043 0.73	<b>22</b>	0336 1.94 0921 1.57 SA 1422 1.90 2137 1.09	<b>8</b>	0255 2.03 0841 1.41 SA 1403 2.35 2138 0.67	<b>23</b>	0352 2.02 0947 1.45 SU 1459 2.00 2205 1.03	<b>9</b>	0332 2.15 0940 1.18 SU 1502 2.41 2222 0.63	<b>24</b>	0406 2.11 1013 1.30 MO 1529 2.12 2230 0.97	<b>10</b>	0408 2.27 1032 0.93 MO 1601 2.45 2302 0.61	<b>25</b>	0423 2.21 1040 1.14 TU 1603 2.23 2254 0.92	<b>11</b>	0447 2.38 1118 0.71 TU 1702 2.45 2340 0.64	<b>26</b>	0442 2.31 1110 0.95 WE 1642 2.34 2321 0.89	<b>12</b>	0531 2.46 1202 0.55 WE 1805 2.42	<b>27</b>	0507 2.39 1143 0.77 TH 1729 2.41 2350 0.90	<b>13</b>	0017 0.72 0617 2.49 TH 1245 0.47 1903 2.36	<b>28</b>	0536 2.44 1219 0.61 FR 1821 2.44	<b>14</b>	0052 0.85 0703 2.46 FR 1327 0.48 1954 2.26	<b>29</b>	0022 0.96 0612 2.47 SA 1258 0.49 1917 2.41	<b>15</b>	0126 1.02 0745 2.38 SA 1409 0.57 2041 2.13	<b>30</b>	0056 1.06 0652 2.47 SU 1340 0.45 2012 2.33	<b>1</b>	0132 1.20 0737 2.44 MO 1426 0.49 2109 2.21	<b>16</b>	0208 1.46 0803 2.08 TU 1502 0.87 2203 1.90	<b>2</b>	0212 1.34 0825 2.38 TU 1518 0.59 2211 2.07	<b>17</b>	0244 1.58 0836 1.95 WE 1550 1.06 2330 1.81	<b>3</b>	0258 1.47 0918 2.31 WE 1620 0.73 2324 1.96	<b>18</b>	0339 1.67 0917 1.85 TH 1659 1.21	<b>4</b>	0359 1.55 1020 2.22 TH 1739 0.85	<b>19</b>	0118 1.83 0632 1.69 FR 1025 1.76 1848 1.28	<b>5</b>	0042 1.94 0532 1.55 FR 1136 2.16 1909 0.92	<b>20</b>	0210 1.89 0801 1.60 SA 1233 1.75 2006 1.27	<b>6</b>	0141 1.99 0720 1.42 SA 1259 2.15 2023 0.93	<b>21</b>	0236 1.97 0839 1.48 SU 1358 1.82 2049 1.24	<b>7</b>	0224 2.08 0834 1.21 SU 1411 2.19 2118 0.91	<b>22</b>	0253 2.06 0908 1.34 MO 1437 1.93 2121 1.20	<b>8</b>	0259 2.21 0931 0.97 MO 1512 2.26 2202 0.90	<b>23</b>	0309 2.16 0938 1.17 TU 1510 2.07 2149 1.16	<b>9</b>	0333 2.34 1020 0.73 TU 1609 2.32 2242 0.89	<b>24</b>	0325 2.26 1009 0.97 WE 1546 2.21 2218 1.12	<b>10</b>	0409 2.44 1104 0.53 WE 1705 2.35 2319 0.91	<b>25</b>	0345 2.37 1044 0.75 TH 1628 2.33 2249 1.10	<b>11</b>	0447 2.49 1146 0.39 TH 1759 2.36 2355 0.96	<b>26</b>	0410 2.47 1120 0.53 FR 1717 2.41 2322 1.10	<b>12</b>	0527 2.49 1225 0.35 FR 1850 2.33	<b>27</b>	0442 2.54 1158 0.36 SA 1812 2.44 2358 1.13	<b>13</b>	0029 1.06 0608 2.43 SA 1304 0.39 1937 2.26	<b>28</b>	0520 2.57 1238 0.26 SU 1911 2.42	<b>14</b>	0103 1.18 0650 2.33 SU 1342 0.51 2022 2.15	<b>29</b>	0036 1.19 0606 2.56 MO 1321 0.25 2007 2.35	<b>15</b>	0135 1.33 0729 2.21 MO 1421 0.68 2108 2.02	<b>30</b>	0116 1.26 0702 2.50 TU 1407 0.34 2102 2.25	<b>31</b>	0201 1.34 0804 2.41 WE 1457 0.51 2200 2.14	<b>1</b>	0254 1.40 0906 2.29 TH 1554 0.72 2303 2.05	<b>2</b>	0403 1.43 1013 2.15 FR 1704 0.92	<b>3</b>	0008 2.03 0537 1.38 SA 1135 2.04 1832 1.07	<b>4</b>	0104 2.08 0712 1.22 SU 1306 2.01 1951 1.14	<b>5</b>	0148 2.17 0822 1.01 MO 1422 2.05 2051 1.16	<b>6</b>	0224 2.28 0917 0.79 TU 1521 2.12 2138 1.17	<b>7</b>	0258 2.38 1004 0.59 WE 1613 2.19 2219 1.16	<b>8</b>	0332 2.45 1047 0.43 TH 1702 2.25 2257 1.17	<b>9</b>	0406 2.48 1127 0.34 FR 1750 2.28 2334 1.19	<b>10</b>	0442 2.45 1205 0.33 SA 1837 2.27	<b>11</b>	0009 1.25 0520 2.38 SU 1242 0.39 1923 2.23	<b>12</b>	0043 1.32 0600 2.28 MO 1318 0.52 2008 2.16	<b>13</b>	0117 1.40 0642 2.17 TU 1354 0.68 2052 2.07	<b>14</b>	0154 1.49 0726 2.06 WE 1432 0.86 2140 1.99	<b>15</b>	0236 1.56 0810 1.95 TH 1511 1.04 2237 1.93	<b>16</b>	0338 1.61 0858 1.85 FR 1559 1.19 2346 1.93	<b>17</b>	0515 1.60 0954 1.77 SA 1704 1.30	<b>18</b>	0044 1.96 0645 1.52 SU 1117 1.73 1828 1.35	<b>19</b>	0121 2.03 0738 1.39 MO 1258 1.77 1933 1.37	<b>20</b>	0147 2.10 0820 1.23 TU 1404 1.88 2020 1.37	<b>21</b>	0209 2.20 0900 1.04 WE 1451 2.02 2102 1.36	<b>22</b>	0231 2.31 0939 0.82 TH 1533 2.16 2140 1.34	<b>23</b>	0257 2.43 1019 0.58 FR 1618 2.28 2219 1.31	<b>24</b>	0328 2.54 1059 0.36 SA 1709 2.36 2258 1.28	<b>25</b>	0405 2.63 1141 0.20 SU 1806 2.40 2339 1.25	<b>26</b>	0448 2.65 1223 0.13 MO 1904 2.40	<b>27</b>	0021 1.24 0541 2.62 TU 1306 0.16 1958 2.36	<b>28</b>	0106 1.23 0645 2.53 WE 1351 0.30 2050 2.29	<b>29</b>	0155 1.24 0756 2.41 TH 1437 0.51 2142 2.22	<b>30</b>	0253 1.25 0902 2.25 FR 1528 0.76 2235 2.17	<b>1</b>	0402 1.24 1010 2.08 SA 1626 1.01 2331 2.15	<b>16</b>	0421 1.46 0933 1.85 SU 1550 1.24 2320 2.07	<b>2</b>	0527 1.17 1132 1.94 SU 1739 1.20	<b>17</b>	0531 1.39 1035 1.79 MO 1643 1.36	<b>3</b>	0024 2.18 0652 1.04 MO 1308 1.89 1904 1.33	<b>18</b>	0001 2.09 0634 1.27 TU 1201 1.78 1752 1.45	<b>4</b>	0109 2.23 0801 0.87 TU 1426 1.93 2015 1.39	<b>19</b>	0037 2.14 0730 1.12 WE 1331 1.85 1906 1.52	<b>5</b>	0149 2.30 0858 0.71 WE 1525 2.01 2110 1.40	<b>20</b>	0110 2.22 0823 0.92 TH 1434 1.97 2010 1.55	<b>6</b>	0225 2.36 0946 0.57 TH 1613 2.09 2157 1.40	<b>21</b>	0143 2.33 0912 0.71 FR 1524 2.10 2105 1.53	<b>7</b>	0300 2.40 1030 0.46 FR 1657 2.15 2238 1.38	<b>22</b>	0219 2.46 0959 0.49 SA 1611 2.20 2153 1.47	<b>8</b>	0334 2.40 1110 0.41 SA 1741 2.19 2316 1.37	<b>23</b>	0258 2.59 1044 0.30 SU 1701 2.29 2239 1.38	<b>9</b>	0410 2.38 1147 0.41 SU 1826 2.21 2352 1.37	<b>24</b>	0343 2.67 1127 0.16 MO 1755 2.34 2324 1.27	<b>10</b>	0447 2.32 1223 0.46 MO 1910 2.20	<b>25</b>	0432 2.69 1209 0.12 TU 1849 2.37	<b>11</b>	0027 1.39 0529 2.25 TU 1257 0.56 1951 2.17	<b>26</b>	0010 1.17 0531 2.64 WE 1251 0.19 1939 2.37	<b>12</b>	0102 1.41 0617 2.17 WE 1331 0.69 2032 2.14	<b>27</b>	0058 1.10 0643 2.53 TH 1333 0.34 2028 2.36	<b>13</b>	0140 1.44 0709 2.08 TH 1403 0.84 2112 2.11	<b>28</b>	0149 1.05 0755 2.39 FR 1416 0.57 2115 2.33	<b>14</b>	0224 1.47 0757 2.00 FR 1436 0.98 2153 2.08	<b>29</b>	0246 1.03 0858 2.22 SA 1500 0.83 2202 2.29	<b>15</b>	0317 1.48 0843 1.92 SA 1510 1.11 2236 2.07	<b>30</b>	0350 1.02 1003 2.03 SU 1547 1.08 2251 2.26	<b>31</b>	0503 0.98 1121 1.87 MO 1642 1.31 2340 2.23
<b>1</b>	0132 1.20 0737 2.44 MO 1426 0.49 2109 2.21	<b>16</b>	0208 1.46 0803 2.08 TU 1502 0.87 2203 1.90	<b>2</b>	0212 1.34 0825 2.38 TU 1518 0.59 2211 2.07	<b>17</b>	0244 1.58 0836 1.95 WE 1550 1.06 2330 1.81	<b>3</b>	0258 1.47 0918 2.31 WE 1620 0.73 2324 1.96	<b>18</b>	0339 1.67 0917 1.85 TH 1659 1.21	<b>4</b>	0359 1.55 1020 2.22 TH 1739 0.85	<b>19</b>	0118 1.83 0632 1.69 FR 1025 1.76 1848 1.28	<b>5</b>	0042 1.94 0532 1.55 FR 1136 2.16 1909 0.92	<b>20</b>	0210 1.89 0801 1.60 SA 1233 1.75 2006 1.27	<b>6</b>	0141 1.99 0720 1.42 SA 1259 2.15 2023 0.93	<b>21</b>	0236 1.97 0839 1.48 SU 1358 1.82 2049 1.24	<b>7</b>	0224 2.08 0834 1.21 SU 1411 2.19 2118 0.91	<b>22</b>	0253 2.06 0908 1.34 MO 1437 1.93 2121 1.20	<b>8</b>	0259 2.21 0931 0.97 MO 1512 2.26 2202 0.90	<b>23</b>	0309 2.16 0938 1.17 TU 1510 2.07 2149 1.16	<b>9</b>	0333 2.34 1020 0.73 TU 1609 2.32 2242 0.89	<b>24</b>	0325 2.26 1009 0.97 WE 1546 2.21 2218 1.12	<b>10</b>	0409 2.44 1104 0.53 WE 1705 2.35 2319 0.91	<b>25</b>	0345 2.37 1044 0.75 TH 1628 2.33 2249 1.10	<b>11</b>	0447 2.49 1146 0.39 TH 1759 2.36 2355 0.96	<b>26</b>	0410 2.47 1120 0.53 FR 1717 2.41 2322 1.10	<b>12</b>	0527 2.49 1225 0.35 FR 1850 2.33	<b>27</b>	0442 2.54 1158 0.36 SA 1812 2.44 2358 1.13	<b>13</b>	0029 1.06 0608 2.43 SA 1304 0.39 1937 2.26	<b>28</b>	0520 2.57 1238 0.26 SU 1911 2.42	<b>14</b>	0103 1.18 0650 2.33 SU 1342 0.51 2022 2.15	<b>29</b>	0036 1.19 0606 2.56 MO 1321 0.25 2007 2.35	<b>15</b>	0135 1.33 0729 2.21 MO 1421 0.68 2108 2.02	<b>30</b>	0116 1.26 0702 2.50 TU 1407 0.34 2102 2.25	<b>31</b>	0201 1.34 0804 2.41 WE 1457 0.51 2200 2.14	<b>1</b>	0254 1.40 0906 2.29 TH 1554 0.72 2303 2.05	<b>2</b>	0403 1.43 1013 2.15 FR 1704 0.92	<b>3</b>	0008 2.03 0537 1.38 SA 1135 2.04 1832 1.07	<b>4</b>	0104 2.08 0712 1.22 SU 1306 2.01 1951 1.14	<b>5</b>	0148 2.17 0822 1.01 MO 1422 2.05 2051 1.16	<b>6</b>	0224 2.28 0917 0.79 TU 1521 2.12 2138 1.17	<b>7</b>	0258 2.38 1004 0.59 WE 1613 2.19 2219 1.16	<b>8</b>	0332 2.45 1047 0.43 TH 1702 2.25 2257 1.17	<b>9</b>	0406 2.48 1127 0.34 FR 1750 2.28 2334 1.19	<b>10</b>	0442 2.45 1205 0.33 SA 1837 2.27	<b>11</b>	0009 1.25 0520 2.38 SU 1242 0.39 1923 2.23	<b>12</b>	0043 1.32 0600 2.28 MO 1318 0.52 2008 2.16	<b>13</b>	0117 1.40 0642 2.17 TU 1354 0.68 2052 2.07	<b>14</b>	0154 1.49 0726 2.06 WE 1432 0.86 2140 1.99	<b>15</b>	0236 1.56 0810 1.95 TH 1511 1.04 2237 1.93	<b>16</b>	0338 1.61 0858 1.85 FR 1559 1.19 2346 1.93	<b>17</b>	0515 1.60 0954 1.77 SA 1704 1.30	<b>18</b>	0044 1.96 0645 1.52 SU 1117 1.73 1828 1.35	<b>19</b>	0121 2.03 0738 1.39 MO 1258 1.77 1933 1.37	<b>20</b>	0147 2.10 0820 1.23 TU 1404 1.88 2020 1.37	<b>21</b>	0209 2.20 0900 1.04 WE 1451 2.02 2102 1.36	<b>22</b>	0231 2.31 0939 0.82 TH 1533 2.16 2140 1.34	<b>23</b>	0257 2.43 1019 0.58 FR 1618 2.28 2219 1.31	<b>24</b>	0328 2.54 1059 0.36 SA 1709 2.36 2258 1.28	<b>25</b>	0405 2.63 1141 0.20 SU 1806 2.40 2339 1.25	<b>26</b>	0448 2.65 1223 0.13 MO 1904 2.40	<b>27</b>	0021 1.24 0541 2.62 TU 1306 0.16 1958 2.36	<b>28</b>	0106 1.23 0645 2.53 WE 1351 0.30 2050 2.29	<b>29</b>	0155 1.24 0756 2.41 TH 1437 0.51 2142 2.22	<b>30</b>	0253 1.25 0902 2.25 FR 1528 0.76 2235 2.17	<b>1</b>	0402 1.24 1010 2.08 SA 1626 1.01 2331 2.15	<b>16</b>	0421 1.46 0933 1.85 SU 1550 1.24 2320 2.07	<b>2</b>	0527 1.17 1132 1.94 SU 1739 1.20	<b>17</b>	0531 1.39 1035 1.79 MO 1643 1.36	<b>3</b>	0024 2.18 0652 1.04 MO 1308 1.89 1904 1.33	<b>18</b>	0001 2.09 0634 1.27 TU 1201 1.78 1752 1.45	<b>4</b>	0109 2.23 0801 0.87 TU 1426 1.93 2015 1.39	<b>19</b>	0037 2.14 0730 1.12 WE 1331 1.85 1906 1.52	<b>5</b>	0149 2.30 0858 0.71 WE 1525 2.01 2110 1.40	<b>20</b>	0110 2.22 0823 0.92 TH 1434 1.97 2010 1.55	<b>6</b>	0225 2.36 0946 0.57 TH 1613 2.09 2157 1.40	<b>21</b>	0143 2.33 0912 0.71 FR 1524 2.10 2105 1.53	<b>7</b>	0300 2.40 1030 0.46 FR 1657 2.15 2238 1.38	<b>22</b>	0219 2.46 0959 0.49 SA 1611 2.20 2153 1.47	<b>8</b>	0334 2.40 1110 0.41 SA 1741 2.19 2316 1.37	<b>23</b>	0258 2.59 1044 0.30 SU 1701 2.29 2239 1.38	<b>9</b>	0410 2.38 1147 0.41 SU 1826 2.21 2352 1.37	<b>24</b>	0343 2.67 1127 0.16 MO 1755 2.34 2324 1.27	<b>10</b>	0447 2.32 1223 0.46 MO 1910 2.20	<b>25</b>	0432 2.69 1209 0.12 TU 1849 2.37	<b>11</b>	0027 1.39 0529 2.25 TU 1257 0.56 1951 2.17	<b>26</b>	0010 1.17 0531 2.64 WE 1251 0.19 1939 2.37	<b>12</b>	0102 1.41 0617 2.17 WE 1331 0.69 2032 2.14	<b>27</b>	0058 1.10 0643 2.53 TH 1333 0.34 2028 2.36	<b>13</b>	0140 1.44 0709 2.08 TH 1403 0.84 2112 2.11	<b>28</b>	0149 1.05 0755 2.39 FR 1416 0.57 2115 2.33	<b>14</b>	0224 1.47 0757 2.00 FR 1436 0.98 2153 2.08	<b>29</b>	0246 1.03 0858 2.22 SA 1500 0.83 2202 2.29	<b>15</b>	0317 1.48 0843 1.92 SA 1510 1.11 2236 2.07	<b>30</b>	0350 1.02 1003 2.03 SU 1547 1.08 2251 2.26	<b>31</b>	0503 0.98 1121 1.87 MO 1642 1.31 2340 2.23																																																												
<b>1</b>	0254 1.40 0906 2.29 TH 1554 0.72 2303 2.05	<b>2</b>	0403 1.43 1013 2.15 FR 1704 0.92	<b>3</b>	0008 2.03 0537 1.38 SA 1135 2.04 1832 1.07	<b>4</b>	0104 2.08 0712 1.22 SU 1306 2.01 1951 1.14	<b>5</b>	0148 2.17 0822 1.01 MO 1422 2.05 2051 1.16	<b>6</b>	0224 2.28 0917 0.79 TU 1521 2.12 2138 1.17	<b>7</b>	0258 2.38 1004 0.59 WE 1613 2.19 2219 1.16	<b>8</b>	0332 2.45 1047 0.43 TH 1702 2.25 2257 1.17	<b>9</b>	0406 2.48 1127 0.34 FR 1750 2.28 2334 1.19	<b>10</b>	0442 2.45 1205 0.33 SA 1837 2.27	<b>11</b>	0009 1.25 0520 2.38 SU 1242 0.39 1923 2.23	<b>12</b>	0043 1.32 0600 2.28 MO 1318 0.52 2008 2.16	<b>13</b>	0117 1.40 0642 2.17 TU 1354 0.68 2052 2.07	<b>14</b>	0154 1.49 0726 2.06 WE 1432 0.86 2140 1.99	<b>15</b>	0236 1.56 0810 1.95 TH 1511 1.04 2237 1.93	<b>16</b>	0338 1.61 0858 1.85 FR 1559 1.19 2346 1.93	<b>17</b>	0515 1.60 0954 1.77 SA 1704 1.30	<b>18</b>	0044 1.96 0645 1.52 SU 1117 1.73 1828 1.35	<b>19</b>	0121 2.03 0738 1.39 MO 1258 1.77 1933 1.37	<b>20</b>	0147 2.10 0820 1.23 TU 1404 1.88 2020 1.37	<b>21</b>	0209 2.20 0900 1.04 WE 1451 2.02 2102 1.36	<b>22</b>	0231 2.31 0939 0.82 TH 1533 2.16 2140 1.34	<b>23</b>	0257 2.43 1019 0.58 FR 1618 2.28 2219 1.31	<b>24</b>	0328 2.54 1059 0.36 SA 1709 2.36 2258 1.28	<b>25</b>	0405 2.63 1141 0.20 SU 1806 2.40 2339 1.25	<b>26</b>	0448 2.65 1223 0.13 MO 1904 2.40	<b>27</b>	0021 1.24 0541 2.62 TU 1306 0.16 1958 2.36	<b>28</b>	0106 1.23 0645 2.53 WE 1351 0.30 2050 2.29	<b>29</b>	0155 1.24 0756 2.41 TH 1437 0.51 2142 2.22	<b>30</b>	0253 1.25 0902 2.25 FR 1528 0.76 2235 2.17	<b>1</b>	0402 1.24 1010 2.08 SA 1626 1.01 2331 2.15	<b>16</b>	0421 1.46 0933 1.85 SU 1550 1.24 2320 2.07	<b>2</b>	0527 1.17 1132 1.94 SU 1739 1.20	<b>17</b>	0531 1.39 1035 1.79 MO 1643 1.36	<b>3</b>	0024 2.18 0652 1.04 MO 1308 1.89 1904 1.33	<b>18</b>	0001 2.09 0634 1.27 TU 1201 1.78 1752 1.45	<b>4</b>	0109 2.23 0801 0.87 TU 1426 1.93 2015 1.39	<b>19</b>	0037 2.14 0730 1.12 WE 1331 1.85 1906 1.52	<b>5</b>	0149 2.30 0858 0.71 WE 1525 2.01 2110 1.40	<b>20</b>	0110 2.22 0823 0.92 TH 1434 1.97 2010 1.55	<b>6</b>	0225 2.36 0946 0.57 TH 1613 2.09 2157 1.40	<b>21</b>	0143 2.33 0912 0.71 FR 1524 2.10 2105 1.53	<b>7</b>	0300 2.40 1030 0.46 FR 1657 2.15 2238 1.38	<b>22</b>	0219 2.46 0959 0.49 SA 1611 2.20 2153 1.47	<b>8</b>	0334 2.40 1110 0.41 SA 1741 2.19 2316 1.37	<b>23</b>	0258 2.59 1044 0.30 SU 1701 2.29 2239 1.38	<b>9</b>	0410 2.38 1147 0.41 SU 1826 2.21 2352 1.37	<b>24</b>	0343 2.67 1127 0.16 MO 1755 2.34 2324 1.27	<b>10</b>	0447 2.32 1223 0.46 MO 1910 2.20	<b>25</b>	0432 2.69 1209 0.12 TU 1849 2.37	<b>11</b>	0027 1.39 0529 2.25 TU 1257 0.56 1951 2.17	<b>26</b>	0010 1.17 0531 2.64 WE 1251 0.19 1939 2.37	<b>12</b>	0102 1.41 0617 2.17 WE 1331 0.69 2032 2.14	<b>27</b>	0058 1.10 0643 2.53 TH 1333 0.34 2028 2.36	<b>13</b>	0140 1.44 0709 2.08 TH 1403 0.84 2112 2.11	<b>28</b>	0149 1.05 0755 2.39 FR 1416 0.57 2115 2.33	<b>14</b>	0224 1.47 0757 2.00 FR 1436 0.98 2153 2.08	<b>29</b>	0246 1.03 0858 2.22 SA 1500 0.83 2202 2.29	<b>15</b>	0317 1.48 0843 1.92 SA 1510 1.11 2236 2.07	<b>30</b>	0350 1.02 1003 2.03 SU 1547 1.08 2251 2.26	<b>31</b>	0503 0.98 1121 1.87 MO 1642 1.31 2340 2.23																																																																																																																										
<b>1</b>	0402 1.24 1010 2.08 SA 1626 1.01 2331 2.15	<b>16</b>	0421 1.46 0933 1.85 SU 1550 1.24 2320 2.07	<b>2</b>	0527 1.17 1132 1.94 SU 1739 1.20	<b>17</b>	0531 1.39 1035 1.79 MO 1643 1.36	<b>3</b>	0024 2.18 0652 1.04 MO 1308 1.89 1904 1.33	<b>18</b>	0001 2.09 0634 1.27 TU 1201 1.78 1752 1.45	<b>4</b>	0109 2.23 0801 0.87 TU 1426 1.93 2015 1.39	<b>19</b>	0037 2.14 0730 1.12 WE 1331 1.85 1906 1.52	<b>5</b>	0149 2.30 0858 0.71 WE 1525 2.01 2110 1.40	<b>20</b>	0110 2.22 0823 0.92 TH 1434 1.97 2010 1.55	<b>6</b>	0225 2.36 0946 0.57 TH 1613 2.09 2157 1.40	<b>21</b>	0143 2.33 0912 0.71 FR 1524 2.10 2105 1.53	<b>7</b>	0300 2.40 1030 0.46 FR 1657 2.15 2238 1.38	<b>22</b>	0219 2.46 0959 0.49 SA 1611 2.20 2153 1.47	<b>8</b>	0334 2.40 1110 0.41 SA 1741 2.19 2316 1.37	<b>23</b>	0258 2.59 1044 0.30 SU 1701 2.29 2239 1.38	<b>9</b>	0410 2.38 1147 0.41 SU 1826 2.21 2352 1.37	<b>24</b>	0343 2.67 1127 0.16 MO 1755 2.34 2324 1.27	<b>10</b>	0447 2.32 1223 0.46 MO 1910 2.20	<b>25</b>	0432 2.69 1209 0.12 TU 1849 2.37	<b>11</b>	0027 1.39 0529 2.25 TU 1257 0.56 1951 2.17	<b>26</b>	0010 1.17 0531 2.64 WE 1251 0.19 1939 2.37	<b>12</b>	0102 1.41 0617 2.17 WE 1331 0.69 2032 2.14	<b>27</b>	0058 1.10 0643 2.53 TH 1333 0.34 2028 2.36	<b>13</b>	0140 1.44 0709 2.08 TH 1403 0.84 2112 2.11	<b>28</b>	0149 1.05 0755 2.39 FR 1416 0.57 2115 2.33	<b>14</b>	0224 1.47 0757 2.00 FR 1436 0.98 2153 2.08	<b>29</b>	0246 1.03 0858 2.22 SA 1500 0.83 2202 2.29	<b>15</b>	0317 1.48 0843 1.92 SA 1510 1.11 2236 2.07	<b>30</b>	0350 1.02 1003 2.03 SU 1547 1.08 2251 2.26	<b>31</b>	0503 0.98 1121 1.87 MO 1642 1.31 2340 2.23																																																																																																																																																																																						

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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