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# NAPIER BROOME BAY – WESTERN AUSTRALIA

LAT 14° 6' S LONG 126° 42' E

Times and Heights of High and Low Waters

# 2024

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> 0056 3.01		<b>16</b> 0123 3.24		<b>1</b> 0121 2.72		<b>16</b> 0147 2.47		<b>1</b> 0104 2.64		<b>16</b> 0125 2.22		<b>1</b> 0108 1.92		<b>16</b> 0139 1.58	
MO 0704 0.36		TU 0721 0.21		TH 0719 0.32		FR 0718 0.24		FR 0634 0.33		SA 0636 0.26		MO 0623 0.45		TU 0653 0.76	
1810 2.02		1828 2.46		1923 0.99		2002 1.01		1906 0.80		1942 0.88		2001 1.00		2048 1.20	
<b>2</b> 0115 2.84		<b>17</b> 0147 2.95		<b>2</b> 0136 2.51		<b>17</b> 0156 2.13		<b>2</b> 0116 2.43		<b>17</b> 0130 1.97		<b>2</b> 0107 1.71		<b>17</b> 0200 1.40	
TU 0729 0.37		WE 0740 0.25		FR 0737 0.39		SA 0743 0.35		SA 0649 0.36		SU 0702 0.40		TU 0643 0.56		WE 0704 1.07	
1416 2.08		1920 0.99		1436 2.58		1503 3.11		1400 2.98		2022 1.14		1412 2.98		1457 2.43	
1850 1.06				1959 1.13		2051 1.27		1937 0.94				2053 1.25			
<b>3</b> 0135 2.65		<b>18</b> 0207 2.61		<b>3</b> 0148 2.26		<b>18</b> 0202 1.80		<b>3</b> 0122 2.20		<b>18</b> 0133 1.72		<b>3</b> 0047 1.50		<b>18</b> 0222 1.20	
WE 0756 0.42		TH 0804 0.31		SA 0756 0.48		SU 0808 0.54		FR 0704 0.43		MO 0724 0.62		WE 0658 0.75		TH 1633 2.07	
1445 2.10		2016 1.17		SA 1502 2.56		SU 1543 2.92		SU 1419 2.94		MO 1454 2.95		1449 2.76			
1932 1.20				2041 1.32				2013 1.15							
<b>4</b> 0156 2.41		<b>19</b> 0226 2.22		<b>4</b> 0151 1.98		<b>19</b> 0823 0.80		<b>4</b> 0120 1.94		<b>19</b> 0730 0.91		<b>4</b> 0640 0.98		<b>19</b> 0247 1.01	
TH 0824 0.51		FR 0832 0.42		0813 0.60		1648 2.70		0720 0.53		1540 2.59		TH 1609 2.48		FR 1006 1.82	
1519 2.11		2125 1.39		SU 1537 2.54		MO 2148 1.55		MO 1444 2.86		TU 2104 1.42				FR 1428 1.59	
2021 1.37														2012 2.10	
<b>5</b> 0216 2.15		<b>20</b> 0246 1.82		<b>5</b> 0113 1.69		<b>20</b> 0620 0.98		<b>5</b> 0052 1.69		<b>20</b> 0523 1.06		<b>5</b> 0319 1.01		<b>20</b> 0309 0.85	
FR 0853 0.64		SA 0902 0.59		MO 0825 0.73		TU 1918 2.61		FR 0731 0.67		WE 1844 2.32		FR 1952 2.41		SA 0946 2.11	
1605 2.13		1646 2.74		MO 1632 2.52				TU 1524 2.72						SA 1510 1.26	
2126 1.54														2114 2.24	
<b>6</b> 0234 1.85		<b>21</b> 0204 1.41		<b>6</b> 0815 0.86		<b>21</b> 0432 0.82		<b>6</b> 0718 0.83		<b>21</b> 0401 0.91		<b>6</b> 0321 0.83		<b>21</b> 0328 0.73	
SA 0923 0.77		SU 0300 1.41		TU 1816 2.57		WE 2124 2.78		WE 1649 2.57		TH 1121 1.76		SA 1009 1.89		TU 1006 2.38	
1713 2.20		0934 0.80								TH 1420 1.68		SA 1425 1.47		SU 1538 0.98	
		1807 2.75								2105 2.49		2125 2.59		2155 2.34	
<b>7</b> 0957 0.90		<b>22</b> 1013 1.03		<b>7</b> 0654 0.91		<b>22</b> 0439 0.63		<b>7</b> 0541 0.92		<b>22</b> 0406 0.74		<b>7</b> 0338 0.69		<b>22</b> 0343 0.65	
SU 1840 2.37		MO 1947 2.84		WE 2100 2.78		TH 1103 1.78		TH 2041 2.65		FR 1035 2.03		SU 1023 2.30		MO 1028 2.62	
						2218 2.97				FR 1521 1.36		SU 1524 1.08		MO 1602 0.75	
										2157 2.68		2218 2.70		2228 2.37	
<b>8</b> 1054 1.02		<b>23</b> 0417 0.75		<b>8</b> 0443 0.69		<b>23</b> 0457 0.50		<b>8</b> 0419 0.75		<b>23</b> 0422 0.61		<b>8</b> 0355 0.58		<b>23</b> 0354 0.60	
MO 2001 2.61		TU 1034 1.28		TH 1118 1.40		FR 1121 2.04		FR 1102 1.65		SA 1050 2.30		MO 1051 2.73		TU 1052 2.82	
		1247 1.19		TH 1311 1.32		FR 1545 1.18		FR 1333 1.53		SA 1554 1.09		MO 1606 0.76		TU 1625 0.59	
		2125 3.01		2210 3.08		2256 3.09		2154 2.92		2233 2.80		2302 2.71		2258 2.36	
<b>9</b> 0401 0.90		<b>24</b> 0445 0.54		<b>9</b> 0459 0.49		<b>24</b> 0515 0.44		<b>9</b> 0429 0.58		<b>24</b> 0437 0.54		<b>9</b> 0411 0.50		<b>24</b> 0405 0.56	
TU 1008 1.16		WE 1106 1.50		FR 1128 1.66		SA 1143 2.27		SA 1103 2.00		SU 1110 2.54		TU 1122 3.11		WE 1117 3.00	
1236 1.07		1412 1.16		FR 1434 1.20		SA 1618 1.00		SA 1505 1.25		SU 1619 0.88		TU 1643 0.54		WE 1651 0.48	
2117 2.88		2225 3.17		2257 3.32		2327 3.13		2242 3.12		2302 2.84		2340 2.62		2327 2.29	
<b>10</b> 0430 0.65		<b>25</b> 0513 0.43		<b>10</b> 0522 0.36		<b>25</b> 0531 0.41		<b>10</b> 0447 0.47		<b>25</b> 0449 0.50		<b>10</b> 0427 0.42		<b>25</b> 0418 0.52	
WE 1056 1.29		TH 1136 1.71		SA 1153 1.97		SU 1205 2.48		SA 1126 2.39		MO 1132 2.75		WE 1153 3.40		TH 1143 3.14	
1342 1.03		1509 1.08		SA 1533 1.03		SU 1647 0.86		SU 1558 0.96		MO 1642 0.72		WE 1717 0.43		TH 1717 0.42	
2218 3.15		2308 3.26		2336 3.45		2352 3.11		2322 3.20		2327 2.83				2355 2.19	
<b>11</b> 0502 0.45		<b>26</b> 0538 0.38		<b>11</b> 0546 0.28		<b>26</b> 0543 0.39		<b>11</b> 0506 0.39		<b>26</b> 0458 0.47		<b>11</b> 0013 2.46		<b>26</b> 0432 0.48	
TH 1132 1.44		FR 1204 1.91		FR 1220 2.29		MO 1225 2.65		TH 1153 2.77		TU 1153 2.92		TH 0444 0.35		FR 1209 3.24	
1434 0.95		FR 1552 0.98		SU 1623 0.87		MO 1714 0.76		MO 1641 0.74		TU 1706 0.61		TH 1222 3.59		FR 1746 0.42	
2305 3.37		2341 3.28						2357 3.15		2350 2.76		1750 0.42			
<b>12</b> 0535 0.31		<b>27</b> 0558 0.36		<b>12</b> 0012 3.45		<b>27</b> 0012 3.04		<b>12</b> 0521 0.34		<b>27</b> 0508 0.44		<b>12</b> 0042 2.26		<b>27</b> 0022 2.05	
FR 1205 1.62		SA 1229 2.08		MO 0607 0.24		TU 0553 0.36		FR 1222 3.11		WE 1214 3.06		FR 0506 0.29		TH 0448 0.45	
1520 0.87		SA 1631 0.91		MO 1249 2.61		TU 1245 2.79		TU 1720 0.59		WE 1730 0.55		FR 1248 3.65		SA 1234 3.29	
2346 3.51				1710 0.75		1741 0.70						1820 0.48		1816 0.46	
<b>13</b> 0607 0.23		<b>28</b> 0007 3.23		<b>13</b> 0044 3.33		<b>28</b> 0031 2.94		<b>13</b> 0028 3.00		<b>28</b> 0011 2.66		<b>13</b> 0103 2.06		<b>28</b> 0048 1.90	
SA 1238 1.83		SU 0613 0.35		TU 0624 0.22		WE 0605 0.33		WE 0534 0.29		TH 0520 0.41		SA 0532 0.28		SU 0507 0.43	
1605 0.81		1252 2.23		TU 1316 2.88		WE 1304 2.90		WE 1250 3.36		TH 1236 3.17		SA 1311 3.59		SU 1257 3.28	
		1707 0.86		1753 0.70		1809 0.69		1755 0.54		1756 0.54		1851 0.60		1847 0.54	
<b>14</b> 0021 3.53		<b>29</b> 0029 3.13		<b>14</b> 0111 3.10		<b>29</b> 0048 2.81		<b>14</b> 0055 2.76		<b>29</b> 0031 2.52		<b>14</b> 0116 1.88		<b>29</b> 0112 1.74	
SA 0636 0.20		MO 0626 0.33		WE 0638 0.20		TH 0619 0.31		SA 0550 0.24		FR 0533 0.39		SA 0600 0.35		MO 0530 0.44	
1309 2.05		MO 1311 2.37		WE 1342 3.08		TH 1323 2.96		TH 1315 3.51		FR 1256 3.22		SU 1332 3.42		MO 1318 3.22	
1651 0.79		1741 0.84		1836 0.72		1837 0.72		1831 0.58		1823 0.57		1924 0.76		1923 0.66	
<b>15</b> 0054 3.44		<b>30</b> 0047 3.02		<b>15</b> 0132 2.80				<b>15</b> 0115 2.49		<b>30</b> 0049 2.34		<b>15</b> 0123 1.73		<b>30</b> 0133 1.58	
MO 0700 0.20		TU 0641 0.30		TH 0656 0.20				FR 0611 0.22		SA 0547 0.38		MO 0628 0.51		TU 0556 0.52	
1338 2.27		TU 1331 2.48		TH 1408 3.19				FR 1338 3.54		SA 1315 3.23		MO 1354 3.15		TU 1337 3.10	
1738 0.80		1816 0.85		1918 0.83				1906 0.69		1852 0.66		2001 0.96		2006 0.81	
		<b>31</b> 0104 2.89						<b>31</b> 0102 2.14							
		WE 0659 0.29						MO 0604 0.39							
		1351 2.55						SU 1332 3.20							
		1849 0.90						1923 0.80							

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Datum of Predictions is Lowest Astronomical Tide

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

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

Caution: Predictions are of secondary quality

# NAPIER BROOME BAY – WESTERN AUSTRALIA

LAT 14° 6' S LONG 126° 42' E

Times and Heights of High and Low Waters

# 2024

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> 0158 1.45		<b>16</b> 0302 1.47		<b>1</b> 0432 1.71		<b>16</b> 0508 1.77		<b>1</b> 0454 2.30		<b>16</b> 0425 2.01		<b>1</b> 0633 2.49		<b>16</b> 0520 2.16	
0624 0.67		0721 1.16		0849 1.27		1022 1.37		1154 1.15		1058 1.22		1549 0.59		1639 0.73	
WE 1403 2.90		TH 1436 2.26		SA 1549 2.05		SU 1552 1.60		MO 1620 1.43		TU 1521 1.32		TH		FR	
☉ 2104 0.98		2137 0.99		2307 0.75		2239 0.78		2223 0.59		2131 0.67					
<b>2</b> 0244 1.34		<b>17</b> 1533 1.93		<b>2</b> 0559 1.95		<b>17</b> 0640 1.92		<b>2</b> 0604 2.45		<b>17</b> 0538 2.06		<b>2</b> 0832 2.56		<b>17</b> 0803 2.28	
0655 0.92				1233 1.34		1351 1.21		1417 0.91		1455 1.02		1621 0.37		1615 0.50	
TH 1443 2.61		FR		SU 1729 1.74		MO 1739 1.40		TU 1802 1.14		WE 1652 1.04		FR 2249 1.23		SA 2307 1.20	
2345 1.08				2354 0.83				2332 0.70		2202 0.80					
<b>3</b> 0434 1.31		<b>18</b> 0047 1.00		<b>3</b> 0016 0.76		<b>18</b> 0739 2.12		<b>3</b> 0716 2.61		<b>18</b> 0704 2.19		<b>3</b> 0148 0.99		<b>18</b> 0056 1.15	
0725 1.25		0754 1.76		0714 2.28		1448 0.94		1526 0.61		1540 0.74		1000 2.71		0941 2.54	
FR 1602 2.28		SA 1347 1.50		MO 1420 1.01		TU 1916 1.32		WE 2114 1.04		TH		SA 1650 0.24		SU 1631 0.32	
		1813 1.73		1918 1.56								2318 1.48		2306 1.44	
<b>4</b> 0118 0.98		<b>19</b> 0139 0.91		<b>4</b> 0108 0.72		<b>19</b> 0054 0.83		<b>4</b> 0048 0.74		<b>19</b> 0835 2.39		<b>4</b> 0258 0.87		<b>19</b> 0228 0.99	
0815 1.64		0833 2.03		0818 2.61		0829 2.33		0841 2.77		1612 0.50		1051 2.83		1033 2.77	
SA 1141 1.60		SU 1440 1.20		TU 1517 0.68		WE 1527 0.70		TH 1613 0.39		FR 2246 1.07		SU 1717 0.18		MO 1653 0.19	
1838 2.09		1952 1.76		2116 1.48		2050 1.28		2237 1.15				☉ 2347 1.71		2329 1.73	
<b>5</b> 0158 0.85		<b>20</b> 0210 0.82		<b>5</b> 0149 0.66		<b>20</b> 0137 0.79		<b>5</b> 0150 0.73		<b>20</b> 0121 0.90		<b>5</b> 0348 0.73		<b>20</b> 0325 0.77	
0849 2.08		0905 2.28		0921 2.90		0921 2.55		1003 2.92		0954 2.63		1130 2.86		1116 2.92	
SU 1430 1.23		MO 1513 0.92		WE 1603 0.44		TH 1603 0.50		FR 1652 0.26		SA 1644 0.31		MO 1739 0.18		TU 1715 0.12	
2034 2.09		2053 1.80		2230 1.47		2221 1.28		2323 1.29		2317 1.22				☉ 2357 2.05	
<b>6</b> 0229 0.74		<b>21</b> 0232 0.75		<b>6</b> 0225 0.58		<b>21</b> 0211 0.73		<b>6</b> 0240 0.68		<b>21</b> 0220 0.82		<b>6</b> 0014 1.91		<b>21</b> 0412 0.58	
0928 2.51		0936 2.51		1018 3.12		1013 2.76		1058 3.03		1047 2.85		0428 0.62		1153 2.95	
MO 1521 0.85		TU 1541 0.69		TH 1644 0.31		FR 1639 0.35		SA 1727 0.21		SU 1715 0.18		TU 1201 2.82		WE 1736 0.08	
2148 2.10		2144 1.81		☉ 2321 1.47		2313 1.32		☉ 2349 1.41				1755 0.18			
<b>7</b> 0253 0.64		<b>22</b> 0250 0.69		<b>7</b> 0300 0.52		<b>22</b> 0244 0.66		<b>7</b> 0000 1.43		<b>22</b> 0309 0.71		<b>7</b> 0037 2.08		<b>22</b> 0025 2.37	
1009 2.90		1009 2.73		1106 3.26		1058 2.95		0325 0.63		1130 3.02		0504 0.54		0456 0.43	
TU 1603 0.56		WE 1609 0.51		FR 1720 0.26		SA 1716 0.24		SU 1139 3.05		MO 1746 0.09		WE 1226 2.71		TH 1227 2.87	
2242 2.07		2230 1.78		☉ 2353 1.37				1757 0.21				1806 0.17		1752 0.06	
<b>8</b> 0315 0.54		<b>23</b> 0307 0.63		<b>8</b> 0001 1.48		<b>23</b> 0318 0.60		<b>8</b> 0031 1.57		<b>23</b> 0019 1.62		<b>8</b> 0058 2.23		<b>23</b> 0053 2.65	
1049 3.22		1042 2.91		0333 0.48		1139 3.09		0407 0.60		0355 0.62		0538 0.49		0538 0.34	
WE 1640 0.39		TH 1639 0.39		SA 1146 3.30		SU 1753 0.19		MO 1213 2.99		TU 1207 3.08		TH 1244 2.59		FR 1257 2.68	
☉ 2325 1.99		☉ 2311 1.74		1753 0.28				1819 0.23		1814 0.06		1819 0.14		1806 0.04	
<b>9</b> 0338 0.46		<b>24</b> 0327 0.58		<b>9</b> 0036 1.50		<b>24</b> 0029 1.45		<b>9</b> 0059 1.70		<b>24</b> 0050 1.86		<b>9</b> 0117 2.34		<b>24</b> 0120 2.87	
1125 3.43		1117 3.07		0409 0.47		0353 0.56		0449 0.58		0441 0.54		0612 0.48		0619 0.33	
TH 1715 0.33		FR 1712 0.33		SU 1219 3.23		MO 1216 3.15		TU 1240 2.86		WE 1242 3.04		FR 1300 2.45		SA 1321 2.42	
		2350 1.68		1821 0.33		1831 0.16		1836 0.23		1839 0.04		1838 0.11		1824 0.02	
<b>10</b> 0003 1.88		<b>25</b> 0348 0.53		<b>10</b> 0106 1.53		<b>25</b> 0102 1.54		<b>10</b> 0123 1.83		<b>25</b> 0119 2.09		<b>10</b> 0136 2.42		<b>25</b> 0146 3.00	
0403 0.39		1151 3.18		0445 0.50		0432 0.54		0530 0.60		0527 0.50		0645 0.51		0700 0.40	
FR 1159 3.53		SA 1746 0.31		MO 1246 3.09		TU 1250 3.13		WE 1301 2.70		TH 1312 2.89		SA 1316 2.30		SU 1340 2.11	
1746 0.34				1844 0.37		1904 0.16		1853 0.22		1858 0.05		1857 0.13		1847 0.05	
<b>11</b> 0036 1.77		<b>26</b> 0026 1.62		<b>11</b> 0133 1.59		<b>26</b> 0135 1.66		<b>11</b> 0144 1.94		<b>26</b> 0147 2.30		<b>11</b> 0156 2.44		<b>26</b> 0210 3.03	
0430 0.36		0412 0.49		0524 0.58		0513 0.56		0612 0.64		0616 0.50		0718 0.59		0743 0.56	
SA 1228 3.51		SU 1222 3.23		TU 1309 2.89		WE 1320 3.02		TH 1319 2.53		FR 1338 2.65		SU 1333 2.12		MO 1353 1.80	
1815 0.41		1822 0.33		1909 0.40		1933 0.18		1915 0.21		1916 0.06		1918 0.19		☉ 1913 0.14	
<b>12</b> 0103 1.67		<b>27</b> 0059 1.56		<b>12</b> 0158 1.65		<b>27</b> 0206 1.79		<b>12</b> 0206 2.02		<b>27</b> 0215 2.47		<b>12</b> 0218 2.41		<b>27</b> 0238 2.95	
0501 0.38		0440 0.48		0605 0.71		0600 0.63		0654 0.72		0705 0.56		0753 0.71		0830 0.79	
SU 1253 3.38		MO 1252 3.22		WE 1330 2.67		TH 1348 2.81		FR 1338 2.35		SA 1401 2.35		MO 1349 1.90		TU 1403 1.49	
1844 0.50		1859 0.37		1939 0.43		2000 0.22		1942 0.23		1938 0.09		☉ 1936 0.29		1939 0.31	
<b>13</b> 0125 1.61		<b>28</b> 0132 1.52		<b>13</b> 0225 1.69		<b>28</b> 0238 1.92		<b>13</b> 0231 2.05		<b>28</b> 0244 2.58		<b>13</b> 0241 2.36		<b>28</b> 0312 2.77	
0534 0.47		0512 0.52		0650 0.87		0653 0.74		0737 0.82		0758 0.69		0833 0.89		0934 1.06	
MO 1315 3.17		TU 1318 3.12		TH 1353 2.43		FR 1414 2.53		SA 1359 2.14		SU 1421 2.00		TU 1359 1.63		WE 1400 1.18	
1915 0.60		1937 0.43		2015 0.49		2027 0.27		2009 0.29		☉ 2004 0.16		1952 0.41		2000 0.56	
<b>14</b> 0147 1.57		<b>29</b> 0205 1.51		<b>14</b> 0300 1.72		<b>29</b> 0313 2.05		<b>14</b> 0300 2.05		<b>29</b> 0317 2.62		<b>14</b> 0310 2.29		<b>29</b> 0404 2.51	
0607 0.65		0548 0.61		0742 1.06		0755 0.89		0822 0.95		0856 0.88		0927 1.10		1759 0.79	
TU 1337 2.91		WE 1344 2.96		FR 1421 2.16		SA 1443 2.20		SU 1422 1.90		MO 1442 1.63		WE 1347 1.35		TH	
1951 0.72		2017 0.51		☉ 2054 0.57		☉ 2058 0.35		☉ 2037 0.40				2003 0.55			
<b>15</b> 0215 1.53		<b>30</b> 0241 1.53		<b>15</b> 0349 1.73		<b>30</b> 0357 2.18		<b>15</b> 0336 2.02		<b>30</b> 0400 2.59		<b>15</b> 0354 2.21		<b>30</b> 0556 2.29	
0643 0.88		0631 0.78		0842 1.24		0910 1.06		0917 1.10		1035 1.08		1955 0.69		1552 0.61	
WE 1403 2.60		TH 1413 2.71		SA 1456 1.88		SU 1520 1.82		MO 1448 1.62		TU 1509 1.25		TH		FR	
☉ 2034 0.85		2102 0.60		2140 0.68		2136 0.46		2105 0.53		2103 0.49					
		<b>31</b> 0326 1.59						<b>31</b> 0503 2.52						<b>31</b> 0839 2.35	
		0727 1.01						1455 0.89						1606 0.42	
		FR 1451 2.40						WE 1618 0.90						SA 2238 1.58	
		☉ 2156 0.69						2130 0.72							

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Datum of Predictions is Lowest Astronomical Tide

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

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

Caution: Predictions are of secondary quality

# NAPIER BROOME BAY – WESTERN AUSTRALIA

LAT 14° 6' S LONG 126° 42' E

# 2024

Times and Heights of High and Low Waters

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> 0249 1.15		<b>16</b> 0137 1.36		<b>1</b> 0346 0.80		<b>16</b> 0308 0.96		<b>1</b> 0421 0.42		<b>16</b> 0426 0.36		<b>1</b> 0439 0.40		<b>16</b> 0516 0.32	
0952 2.53		0919 2.42		1012 2.40		0943 2.28		1042 2.05		1103 1.74		1102 1.64		1150 1.49	
SU 1628 0.29		MO 1554 0.41		TU 1605 0.37		WE 1516 0.47		FR 1538 0.48		SA 1505 0.46		SU 1509 0.67		MO 1510 0.66	
2256 1.87		2235 1.81		2244 2.50		2217 2.61		● 2254 3.05		○ 2256 3.49		● 2258 3.20		○ 2327 3.55	
<b>2</b> 0340 0.88		<b>17</b> 0257 1.03		<b>2</b> 0412 0.57		<b>17</b> 0347 0.61		<b>2</b> 0444 0.31		<b>17</b> 0503 0.25		<b>2</b> 0508 0.32		<b>17</b> 0551 0.30	
1037 2.66		1012 2.61		1045 2.44		1032 2.30		1112 1.99		1146 1.68		1140 1.62		1227 1.58	
MO 1647 0.24		TU 1611 0.30		WE 1618 0.34		TH 1533 0.38		SA 1552 0.45		SU 1533 0.40		MO 1531 0.64		TU 1549 0.65	
2320 2.13		2258 2.19		2308 2.71		○ 2250 2.99		2320 3.16		2334 3.61		2331 3.30			
<b>3</b> 0415 0.67		<b>18</b> 0343 0.71		<b>3</b> 0435 0.41		<b>18</b> 0424 0.36		<b>3</b> 0509 0.27		<b>18</b> 0536 0.24		<b>3</b> 0541 0.29		<b>18</b> 0004 3.51	
1113 2.69		1056 2.70		1113 2.41		1115 2.23		1141 1.91		1224 1.62		1216 1.60		0620 0.32	
TU 1703 0.23		WE 1629 0.23		TH 1628 0.32		FR 1550 0.30		SU 1608 0.43		MO 1604 0.37		TU 1557 0.62		WE 1259 1.68	
● 2344 2.34		○ 2326 2.56		● 2330 2.87		2324 3.30		2346 3.23						1628 0.68	
<b>4</b> 0442 0.51		<b>19</b> 0423 0.45		<b>4</b> 0457 0.31		<b>19</b> 0459 0.22		<b>4</b> 0536 0.26		<b>19</b> 0008 3.61		<b>4</b> 0003 3.34		<b>19</b> 0034 3.38	
1140 2.65		1134 2.68		1136 2.33		1153 2.10		1209 1.81		0608 0.30		0614 0.29		0643 0.36	
WE 1715 0.22		TH 1644 0.18		FR 1637 0.29		SA 1611 0.23		MO 1625 0.42		TU 1257 1.57		WE 1250 1.60		TH 1328 1.79	
		2355 2.90		2352 2.98		2355 3.51				1637 0.41		1624 0.62		1709 0.75	
<b>5</b> 0006 2.52		<b>20</b> 0501 0.29		<b>5</b> 0520 0.27		<b>20</b> 0532 0.19		<b>5</b> 0012 3.26		<b>20</b> 0037 3.50		<b>5</b> 0033 3.32		<b>20</b> 0059 3.18	
0508 0.41		1209 2.54		1157 2.23		1226 1.93		0605 0.30		0637 0.38		0647 0.31		0703 0.39	
TH 1202 2.57		FR 1658 0.13		SA 1651 0.27		SU 1635 0.19		TU 1238 1.70		WE 1328 1.55		TH 1322 1.61		FR 1355 1.89	
1724 0.20								1645 0.43		1710 0.52		1654 0.66		1751 0.87	
<b>6</b> 0026 2.65		<b>21</b> 0024 3.17		<b>6</b> 0013 3.06		<b>21</b> 0024 3.59		<b>6</b> 0036 3.23		<b>21</b> 0101 3.29		<b>6</b> 0059 3.24		<b>21</b> 0118 2.94	
0533 0.35		0536 0.22		0545 0.26		0605 0.24		0636 0.37		0706 0.47		0721 0.36		0726 0.42	
FR 1221 2.46		SA 1239 2.34		SU 1217 2.11		MO 1254 1.76		WE 1306 1.58		TH 1356 1.55		FR 1354 1.63		SA 1421 1.98	
1736 0.17		1715 0.09		1706 0.26		1702 0.19		1707 0.47		1746 0.70		1729 0.74		1837 1.02	
<b>7</b> 0045 2.75		<b>22</b> 0051 3.34		<b>7</b> 0033 3.09		<b>22</b> 0050 3.54		<b>7</b> 0056 3.16		<b>22</b> 0122 3.02		<b>7</b> 0123 3.08		<b>22</b> 0137 2.68	
0600 0.34		0612 0.24		0611 0.30		0637 0.35		0710 0.47		0739 0.58		0754 0.43		0754 0.46	
SA 1238 2.34		SU 1304 2.09		MO 1237 1.97		TU 1318 1.60		TH 1335 1.47		FR 1427 1.56		SA 1427 1.68		SU 1451 2.03	
1752 0.15		1739 0.07		1722 0.28		1731 0.28		1732 0.55		1825 0.94		1810 0.89		1926 1.21	
<b>8</b> 0104 2.80		<b>23</b> 0116 3.39		<b>8</b> 0053 3.07		<b>23</b> 0113 3.38		<b>8</b> 0113 3.03		<b>23</b> 0145 2.70		<b>8</b> 0145 2.86		<b>23</b> 0158 2.40	
0627 0.37		0647 0.34		0639 0.39		0710 0.51		0749 0.60		0818 0.69		0828 0.51		0827 0.54	
SU 1253 2.19		MO 1321 1.84		TU 1254 1.80		WE 1335 1.47		FR 1407 1.37		SA 1514 1.57		SU 1506 1.76		MO 1530 2.05	
1808 0.17		1804 0.11		1738 0.32		1800 0.45		1800 0.71		● 1909 1.24		● 1900 1.10		● 2022 1.41	
<b>9</b> 0122 2.80		<b>24</b> 0138 3.31		<b>9</b> 0110 3.02		<b>24</b> 0135 3.11		<b>9</b> 0133 2.85		<b>24</b> 0213 2.34		<b>9</b> 0212 2.58		<b>24</b> 0223 2.10	
0655 0.45		0724 0.51		0709 0.52		0748 0.70		0839 0.75		0908 0.82		0907 0.60		0902 0.65	
MO 1308 2.02		TU 1330 1.60		WE 1308 1.61		TH 1357 1.35		SA 1452 1.31		SU 1713 1.63		MO 1557 1.89		TU 1630 2.07	
1824 0.22		1831 0.25		1755 0.39		● 1828 0.72		● 1829 0.94		2012 1.54		2010 1.35		2138 1.59	
<b>10</b> 0140 2.76		<b>25</b> 0202 3.12		<b>10</b> 0124 2.92		<b>25</b> 0200 2.77		<b>10</b> 0204 2.58		<b>25</b> 0254 1.97		<b>10</b> 0249 2.22		<b>25</b> 0253 1.79	
0726 0.58		0805 0.75		0745 0.70		0835 0.91		0955 0.88		1039 0.93		0953 0.70		0943 0.80	
TU 1319 1.80		WE 1337 1.38		TH 1313 1.42		FR 1445 1.24		SU 1618 1.35		MO 1916 1.90		TU 1707 2.09		WE 1805 2.16	
1838 0.30		● 1856 0.47		1814 0.51		1846 1.04		1903 1.25				2212 1.56			
<b>11</b> 0157 2.69		<b>26</b> 0230 2.82		<b>11</b> 0142 2.78		<b>26</b> 0232 2.37		<b>11</b> 0259 2.25		<b>26</b> 0149 1.57		<b>11</b> 0354 1.83		<b>26</b> 0222 1.47	
0801 0.77		0857 1.03		0834 0.92		1255 1.01		1207 0.90		0442 1.65		1054 0.78		0356 1.49	
WE 1321 1.57		TH 1332 1.16		FR 1308 1.23		SA		MO 1923 1.64		TU 1245 0.92		WE 1827 2.39		TH 1036 0.94	
● 1852 0.41		1907 0.77		● 1828 0.70				2120 1.62		2005 2.19				1923 2.34	
<b>12</b> 0217 2.58		<b>27</b> 0310 2.44		<b>12</b> 0210 2.56		<b>27</b> 0340 1.95		<b>12</b> 0506 1.94		<b>27</b> 0244 1.24		<b>12</b> 0208 1.30		<b>27</b> 0317 1.17	
0848 1.01		1605 0.91		1807 0.93		1353 0.87		1306 0.82		0721 1.60		0545 1.51		0633 1.29	
TH 1257 1.34		FR		SA		SU 2114 1.82		TU 2008 2.07		WE 1331 0.86		TH 1203 0.82		FR 1158 1.03	
1902 0.55										2042 2.46		1935 2.72		2021 2.55	
<b>13</b> 0248 2.42		<b>28</b> 0504 2.07		<b>13</b> 0309 2.26		<b>28</b> 0224 1.48		<b>13</b> 0217 1.31		<b>28</b> 0317 0.95		<b>13</b> 0311 0.93		<b>28</b> 0348 0.90	
1845 0.72		1509 0.72		1423 0.86		0730 1.85		0727 1.84		0834 1.63		0804 1.35		0913 1.28	
FR		SA 2249 1.64		SU		MO 1428 0.74		WE 1342 0.73		TH 1402 0.80		FR 1302 0.80		SA 1307 1.04	
						2113 2.16		2048 2.50		2116 2.69		2042 3.03		2114 2.77	
<b>14</b> 0355 2.22		<b>29</b> 0217 1.48		<b>14</b> 0629 2.07		<b>29</b> 0305 1.12		<b>14</b> 0307 0.90		<b>29</b> 0345 0.71		<b>14</b> 0357 0.62		<b>29</b> 0417 0.68	
1606 0.75		0823 2.13		1438 0.70		0845 1.96		0903 1.82		0931 1.65		1011 1.36		1030 1.35	
SA		SU 1528 0.55		MO 2138 1.79		TU 1453 0.63		TH 1412 0.63		FR 1425 0.75		SA 1349 0.75		SU 1354 1.00	
		2204 1.94				2137 2.45		2131 2.91		2150 2.89		2148 3.29		2202 2.99	
<b>15</b> 0734 2.19		<b>30</b> 0313 1.12		<b>15</b> 0218 1.37		<b>30</b> 0333 0.81		<b>15</b> 0347 0.57		<b>30</b> 0411 0.53		<b>15</b> 0438 0.42		<b>30</b> 0447 0.50	
1542 0.57		0929 2.30		0838 2.18		0933 2.04		1012 1.79		1020 1.65		1107 1.42		1112 1.44	
SU 2240 1.50		MO 1547 0.43		TU 1458 0.57		WE 1512 0.56		FR 1439 0.54		SA 1447 0.71		SU 1431 0.70		MO 1432 0.95	
		2221 2.25		2149 2.20		2203 2.70		2215 3.24		2223 3.06		○ 2242 3.47		2245 3.18	
				<b>31</b> 0358 0.58										<b>31</b> 0517 0.37	
				1010 2.07										TU 1508 0.89	
				TH 1525 0.52										● 2324 3.33	
				2229 2.89											

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Datum of Predictions is Lowest Astronomical Tide

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

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

Caution: Predictions are of secondary quality