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# BROOME – WESTERN AUSTRALIA

LAT 18° 0' S LONG 122° 13' E

Times and Heights of High and Low Waters

# 2023

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> 0456 6.87 1111 3.99 SU 1731 7.37		<b>16</b> 0330 7.16 0944 3.77 MO 1606 7.47 2231 4.06		<b>1</b> 0058 4.57 0713 5.99 WE 1302 4.99 1930 6.64		<b>16</b> 0446 6.13 1029 4.83 TH 1744 6.79		<b>1</b> 0332 6.46 0915 4.50 WE 1543 6.79 2207 4.87		<b>16</b> 0301 6.97 0852 4.08 TH 1511 7.34 2149 4.36		<b>1</b> 0301 4.90 0934 6.17 SA 1517 5.06 2113 6.52		<b>16</b> 0124 4.51 0818 6.47 SU 1420 4.65 2025 7.08		
<b>2</b> 0022 4.11 0631 6.60 MO 1234 4.29 1858 7.29		<b>17</b> 0433 6.61 1039 4.29 TU 1718 7.18		<b>2</b> 0300 4.17 0917 6.45 TH 1508 4.66 2119 7.07		<b>17</b> 0139 4.35 0814 6.08 FR 1356 4.88 2023 7.03		<b>2</b> 0509 5.65 0946 5.37 TH 1806 6.09		<b>17</b> 0404 6.05 0933 5.02 FR 1703 6.49		<b>2</b> 0334 4.14 0942 6.96 SU 1543 4.24 2140 7.31		<b>17</b> 0255 3.64 0908 7.52 MO 1520 3.52 2117 8.04		
<b>3</b> 0202 3.88 0804 6.73 TU 1404 4.24 2017 7.47		<b>18</b> 0029 4.21 0632 6.33 WE 1239 4.58 1900 7.20		<b>3</b> 0358 3.54 1006 7.11 FR 1605 4.04 2208 7.68		<b>18</b> 0319 3.58 0943 6.98 SA 1538 4.08 2145 7.94		<b>3</b> 0316 4.65 0942 6.23 FR 1526 4.97 2130 6.72		<b>18</b> 0137 4.63 0852 6.12 SA 1422 5.00 2044 6.93		<b>3</b> 0359 3.42 1000 7.70 MO 1608 3.46 2205 8.02		<b>18</b> 0340 2.75 0942 8.50 TU 1601 2.45 2157 8.84		
<b>4</b> 0308 3.40 0912 7.12 WE 1514 3.94 2118 7.83		<b>19</b> 0207 3.77 0818 6.61 TH 1416 4.33 2028 7.60		<b>4</b> 0436 2.94 1041 7.71 SA 1645 3.45 2244 8.25		<b>19</b> 0418 2.63 1026 7.94 SU 1635 3.06 2232 8.86		<b>4</b> 0358 3.86 1005 7.02 SA 1605 4.17 2205 7.50		<b>19</b> 0322 3.67 0938 7.21 SU 1542 3.85 2142 8.01		<b>4</b> 0424 2.78 1022 8.37 TU 1635 2.72 2230 8.61		<b>19</b> 0418 2.01 1015 9.30 WE 1640 1.61 2231 9.39		
<b>5</b> 0357 2.91 1000 7.56 TH 1604 3.55 2203 8.19		<b>20</b> 0317 3.10 0932 7.22 FR 1531 3.78 2136 8.23		<b>5</b> 0510 2.43 1111 8.20 SU 1719 2.92 2314 8.70		<b>20</b> 0502 1.75 1102 8.81 MO 1719 2.11 ● 2312 9.59		<b>5</b> 0427 3.15 1029 7.73 SU 1635 3.43 2232 8.19		<b>20</b> 0408 2.63 1012 8.28 MO 1626 2.70 2221 8.97		<b>5</b> 0450 2.22 1045 8.94 WE 1702 2.07 2255 9.08		<b>20</b> 0454 1.49 1045 9.85 TH 1715 1.05 ● 2304 9.68		
<b>6</b> 0437 2.50 1041 7.94 FR 1645 3.19 2242 8.51		<b>21</b> 0415 2.38 1025 7.90 SA 1631 3.11 2230 8.89		<b>6</b> 0540 2.04 1139 8.58 MO 1750 2.49 ○ 2342 9.02		<b>21</b> 0543 1.08 1137 9.50 TU 1800 1.37 2347 10.05		<b>6</b> 0454 2.53 1053 8.34 MO 1703 2.77 2258 8.75		<b>21</b> 0446 1.74 1044 9.19 TU 1704 1.70 2256 9.67		<b>6</b> 0516 1.78 1108 9.41 TH 1730 1.54 ○ 2320 9.40		<b>21</b> 0527 1.24 1115 10.14 FR 1747 0.80 2335 9.72		
<b>7</b> 0513 2.20 1115 8.23 SA 1722 2.90 ○ 2315 8.75		<b>22</b> 0505 1.73 1108 8.53 SU 1722 2.46 ● 2315 9.44		<b>7</b> 0608 1.76 1205 8.87 TU 1818 2.17		<b>22</b> 0618 0.68 1210 9.96 WE 1835 0.92		<b>7</b> 0521 2.02 1117 8.84 TU 1731 2.21 ○ 2323 9.17		<b>22</b> 0522 1.09 1114 9.87 WE 1741 0.99 ● 2329 10.08		<b>7</b> 0543 1.48 1131 9.76 FR 1758 1.16 2346 9.58		<b>22</b> 0558 1.23 1143 10.18 SA 1817 0.84		
<b>8</b> 0545 2.01 1148 8.43 SU 1756 2.68 2346 8.90		<b>23</b> 0550 1.25 1148 9.03 MO 1807 1.92 2356 9.78		<b>8</b> 0007 9.23 0634 1.59 WE 1230 9.07 1845 1.96		<b>23</b> 0021 10.21 0651 0.59 TH 1241 10.18 1909 0.80		<b>8</b> 0547 1.63 1141 9.24 WE 1759 1.75 2347 9.45		<b>23</b> 0555 0.74 1144 10.29 TH 1814 0.61		<b>8</b> 0608 1.33 1156 9.96 SA 1825 0.98		<b>23</b> 0006 9.56 0625 1.42 SU 1212 9.99 1845 1.14		
<b>9</b> 0616 1.93 1218 8.54 MO 1827 2.56		<b>24</b> 0631 0.98 1226 9.39 TU 1847 1.58		<b>9</b> 0032 9.32 0700 1.54 TH 1254 9.20 1913 1.86		<b>24</b> 0054 10.08 0721 0.79 FR 1312 10.12 1940 1.01		<b>9</b> 0612 1.37 1203 9.54 TH 1825 1.42		<b>24</b> 0000 10.18 0626 0.69 FR 1213 10.43 1845 0.57		<b>9</b> 0013 9.59 0633 1.38 SU 1220 9.99 1852 1.04		<b>24</b> 0037 9.21 0652 1.80 MO 1240 9.59 1912 1.64		
<b>10</b> 0015 8.95 0645 1.95 TU 1246 8.58 1856 2.54		<b>25</b> 0034 9.89 0709 0.95 WE 1302 9.55 1926 1.49		<b>10</b> 0058 9.29 0723 1.61 FR 1318 9.23 1938 1.90		<b>25</b> 0127 9.67 0749 1.25 SA 1342 9.79 2009 1.52		<b>10</b> 0012 9.60 0636 1.26 FR 1227 9.73 1851 1.25		<b>25</b> 0030 10.02 0654 0.91 SA 1241 10.29 1913 0.85		<b>10</b> 0040 9.41 0658 1.63 MO 1246 9.81 1918 1.36		<b>25</b> 0107 8.71 0716 2.34 TU 1307 9.02 1937 2.29		
<b>11</b> 0044 8.90 0713 2.04 WE 1315 8.56 1925 2.59		<b>26</b> 0113 9.73 0745 1.17 TH 1338 9.51 2002 1.67		<b>11</b> 0124 9.12 0747 1.82 SA 1344 9.13 2004 2.08		<b>26</b> 0158 9.03 0815 1.93 SU 1411 9.22 2036 2.24		<b>11</b> 0036 9.61 0700 1.30 SA 1250 9.78 1916 1.28		<b>26</b> 0100 9.62 0719 1.37 SU 1309 9.89 1939 1.40		<b>11</b> 0108 9.03 0721 2.07 TU 1314 9.40 1945 1.91		<b>26</b> 0137 8.09 0740 2.99 WE 1333 8.34 2001 3.04		
<b>12</b> 0112 8.76 0740 2.21 TH 1343 8.48 1953 2.74		<b>27</b> 0149 9.32 0817 1.60 FR 1414 9.26 2037 2.10		<b>12</b> 0151 8.80 0811 2.18 SU 1411 8.89 2031 2.43		<b>27</b> 0229 8.23 0838 2.74 MO 1439 8.48 ● 2101 3.09		<b>12</b> 0101 9.45 0722 1.53 SU 1314 9.66 1941 1.51		<b>27</b> 0130 9.01 0743 2.02 MO 1336 9.28 2003 2.13		<b>12</b> 0139 8.44 0745 2.69 WE 1344 8.79 2015 2.67		<b>27</b> 0209 7.41 0800 3.71 TH 1400 7.59 2026 3.81		
<b>13</b> 0141 8.52 0807 2.47 FR 1413 8.34 2024 2.97		<b>28</b> 0227 8.69 0849 2.23 SA 1450 8.80 ● 2112 2.72		<b>13</b> 0220 8.31 0834 2.68 MO 1439 8.50 2100 2.94		<b>28</b> 0259 7.35 0858 3.61 TU 1507 7.65 2126 3.99		<b>13</b> 0129 9.10 0745 1.94 MO 1339 9.34 2006 1.96		<b>28</b> 0159 8.26 0804 2.80 TU 1400 8.50 2025 2.98		<b>13</b> 0214 7.68 0811 3.45 TH 1416 7.99 ● 2049 3.57		<b>28</b> 0245 6.71 0823 4.45 FR 1431 6.83 ● 2101 4.57		
<b>14</b> 0212 8.16 0835 2.81 SA 1444 8.10 2057 3.28		<b>29</b> 0305 7.93 0919 2.98 SU 1527 8.19 2149 3.45		<b>14</b> 0253 7.67 0900 3.31 TU 1511 7.99 ● 2135 3.58		<b>14</b> 0253 6.91 0930 4.05 WE 1554 7.36 2236 4.29		<b>14</b> 0157 8.56 0806 2.52 TU 1406 8.84 2032 2.61		<b>29</b> 0226 7.44 0821 3.63 WE 1424 7.66 ● 2045 3.88		<b>14</b> 0257 6.83 0843 4.33 FR 1505 7.08 2156 4.49		<b>29</b> 0357 6.09 0902 5.19 SA 1621 6.14		
<b>15</b> 0247 7.70 0906 3.25 SU 1520 7.81 ● 2136 3.66		<b>30</b> 0347 7.11 0952 3.78 MO 1609 7.51 2240 4.17		<b>15</b> 0332 6.91 0930 4.05 WE 1554 7.36 2236 4.29		<b>15</b> 0227 7.83 0828 3.24 WE 1434 8.16 ● 2102 3.43		<b>15</b> 0227 7.83 0828 3.24 WE 1434 8.16 ● 2102 3.43		<b>30</b> 0254 6.58 0832 4.48 TH 1446 6.79 2110 4.77		<b>15</b> 0433 6.09 1028 5.21 SA 1744 6.44		<b>30</b> 0042 5.03 0737 6.00 SU 1357 5.19 1950 6.27		
		<b>31</b> 0451 6.35 1041 4.55 TU 1717 6.88						<b>31</b> 0358 5.76 0818 5.31 FR 1649 5.95								

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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

# BROOME – WESTERN AUSTRALIA

LAT 18° 0' S LONG 122° 13' E

# 2023

Times and Heights of High and Low Waters

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> 0230	4.48	<b>16</b> 0159	3.70	<b>1</b> 0236	3.78	<b>16</b> 0306	3.31	<b>1</b> 0224	3.88	<b>16</b> 0345	3.62	<b>1</b> 0411	3.23	<b>16</b> 0508	2.65
0846	6.72	0815	7.61	0842	7.68	0908	8.22	0830	7.63	0947	7.75	1011	8.34	1102	8.50
MO 1454	4.42	TU 1442	3.37	TH 1507	3.16	FR 1545	2.49	SA 1509	2.90	SU 1620	2.67	TU 1645	1.96	WE 1727	1.93
2050	6.95	2039	7.77	2107	7.57	2144	7.88	2115	7.31	2226	7.59	2249	8.12	● 2325	8.46
<b>2</b> 0309	3.84	<b>17</b> 0258	3.10	<b>2</b> 0319	3.29	<b>17</b> 0356	2.99	<b>2</b> 0322	3.44	<b>17</b> 0433	3.18	<b>2</b> 0502	2.47	<b>17</b> 0539	2.19
0914	7.45	0902	8.36	0918	8.27	0952	8.52	0924	8.16	1031	8.13	1057	9.01	1130	8.84
TU 1526	3.63	WE 1530	2.55	FR 1546	2.47	SA 1627	2.15	SU 1559	2.32	MO 1701	2.32	WE 1730	1.37	TH 1756	1.65
2123	7.62	2125	8.34	2145	8.05	2226	8.13	2205	7.77	2304	7.95	○ 2329	8.73	2351	8.76
<b>3</b> 0340	3.24	<b>18</b> 0344	2.57	<b>3</b> 0359	2.83	<b>18</b> 0439	2.74	<b>3</b> 0415	2.97	<b>18</b> 0514	2.80	<b>3</b> 0548	1.80	<b>18</b> 0607	1.86
0940	8.14	0940	8.96	0953	8.80	1031	8.73	1011	8.66	1108	8.45	1137	9.50	1156	9.04
WE 1556	2.87	TH 1611	1.91	SA 1624	1.90	SU 1705	1.95	MO 1646	1.84	TU 1737	2.06	TH 1812	0.95	FR 1822	1.49
2152	8.20	2204	8.74	2222	8.42	● 2305	8.28	○ 2250	8.18	● 2338	8.21				
<b>4</b> 0410	2.69	<b>19</b> 0423	2.20	<b>4</b> 0437	2.45	<b>19</b> 0516	2.57	<b>4</b> 0502	2.54	<b>19</b> 0549	2.50	<b>4</b> 0006	9.20	<b>19</b> 0015	8.95
1005	8.75	1015	9.35	1028	9.20	1107	8.83	1056	9.05	1140	8.66	0629	1.30	0633	1.64
TH 1627	2.18	FR 1648	1.50	SU 1702	1.50	MO 1741	1.89	TU 1732	1.51	WE 1810	1.92	FR 1215	9.74	SA 1220	9.12
2221	8.68	● 2241	8.95	○ 2300	8.66	2341	8.34	2333	8.49			1850	0.77	1846	1.44
<b>5</b> 0440	2.23	<b>20</b> 0459	2.00	<b>5</b> 0515	2.19	<b>20</b> 0551	2.49	<b>5</b> 0548	2.19	<b>20</b> 0009	8.38	<b>5</b> 0042	9.49	<b>20</b> 0039	9.07
1030	9.26	1047	9.54	1103	9.44	1141	8.83	1139	9.30	0621	2.31	0707	1.06	0659	1.54
FR 1658	1.60	SA 1722	1.34	MO 1740	1.32	TU 1815	1.96	WE 1816	1.34	TH 1210	8.77	SA 1253	9.71	SU 1245	9.09
2250	9.03	2315	8.99	2336	8.76					1840	1.87	1926	0.85	1910	1.50
<b>6</b> 0509	1.89	<b>21</b> 0531	1.95	<b>6</b> 0552	2.10	<b>21</b> 0015	8.32	<b>6</b> 0015	8.71	<b>21</b> 0038	8.47	<b>6</b> 0116	9.55	<b>21</b> 0102	9.09
1058	9.64	1118	9.55	1140	9.50	0624	2.51	0632	1.97	0650	2.22	0743	1.11	0723	1.57
SA 1729	1.21	SU 1754	1.39	TU 1818	1.37	WE 1214	8.74	TH 1220	9.38	FR 1238	8.76	SU 1330	9.41	MO 1309	8.93
○ 2320	9.23	2348	8.89			1845	2.12	1859	1.34	1907	1.91	1959	1.18	1932	1.69
<b>7</b> 0539	1.71	<b>22</b> 0602	2.05	<b>7</b> 0015	8.70	<b>22</b> 0048	8.22	<b>7</b> 0055	8.82	<b>22</b> 0105	8.49	<b>7</b> 0151	9.38	<b>22</b> 0126	8.99
1126	9.84	1149	9.39	0630	2.17	0656	2.63	0715	1.91	0717	2.23	0817	1.45	0748	1.75
SU 1800	1.05	MO 1824	1.62	WE 1218	9.36	TH 1245	8.56	FR 1302	9.26	SA 1305	8.67	MO 1406	8.87	TU 1335	8.62
2350	9.24			1858	1.63	1916	2.35	1940	1.51	1933	2.03	2030	1.74	1954	2.03
<b>8</b> 0609	1.72	<b>23</b> 0021	8.67	<b>8</b> 0056	8.52	<b>23</b> 0120	8.06	<b>8</b> 0135	8.80	<b>23</b> 0131	8.45	<b>8</b> 0226	8.96	<b>23</b> 0150	8.74
1155	9.85	0632	2.29	0708	2.41	0726	2.83	0756	2.02	0745	2.32	0851	2.04	0813	2.10
MO 1830	1.16	TU 1220	9.10	TH 1300	9.03	FR 1317	8.30	SA 1345	8.94	SU 1333	8.47	TU 1445	8.13	WE 1402	8.16
		1853	1.99	1938	2.04	1946	2.63	2019	1.84	1958	2.23	● 2100	2.48	2016	2.52
<b>9</b> 0022	9.07	<b>24</b> 0054	8.34	<b>9</b> 0139	8.24	<b>24</b> 0153	7.86	<b>9</b> 0216	8.64	<b>24</b> 0159	8.33	<b>9</b> 0301	8.34	<b>24</b> 0216	8.34
0638	1.94	0700	2.64	0750	2.77	0757	3.09	0837	2.31	0813	2.51	0926	2.81	0839	2.61
TU 1226	9.63	WE 1250	8.68	FR 1345	8.54	SA 1350	7.97	SU 1430	8.45	MO 1402	8.16	WE 1525	7.29	TH 1432	7.55
1902	1.51	1921	2.46	2023	2.55	2016	2.95	2100	2.30	2024	2.54	2132	3.31	● 2040	3.13
<b>10</b> 0057	8.71	<b>25</b> 0128	7.94	<b>10</b> 0227	7.90	<b>25</b> 0227	7.63	<b>10</b> 0300	8.34	<b>25</b> 0227	8.11	<b>10</b> 0340	7.59	<b>25</b> 0245	7.81
0707	2.34	0728	3.09	0838	3.22	0830	3.40	0920	2.74	0842	2.81	1008	3.64	0909	3.26
WE 1300	9.19	TH 1321	8.19	SA 1439	7.97	SU 1426	7.59	MO 1518	7.85	TU 1434	7.73	TH 1619	6.46	FR 1508	6.83
1935	2.09	1950	2.99	2114	3.07	2050	3.30	● 2141	2.86	2051	2.95	2212	4.15	2106	3.84
<b>11</b> 0134	8.19	<b>26</b> 0202	7.50	<b>11</b> 0321	7.57	<b>26</b> 0304	7.37	<b>11</b> 0346	7.95	<b>26</b> 0258	7.80	<b>11</b> 0435	6.83	<b>26</b> 0319	7.17
0739	2.92	0757	3.59	0936	3.66	0908	3.73	1011	3.24	0915	3.20	1152	4.32	0954	4.02
TH 1337	8.55	FR 1355	7.65	SU 1543	7.42	MO 1509	7.16	TU 1615	7.22	WE 1511	7.22	FR 1815	5.89	SA 1605	6.05
2013	2.81	2022	3.54	● 2215	3.51	● 2129	3.68	2230	3.45	● 2123	3.45			2148	4.62
<b>12</b> 0218	7.56	<b>27</b> 0244	7.05	<b>12</b> 0426	7.33	<b>27</b> 0349	7.12	<b>12</b> 0443	7.51	<b>27</b> 0335	7.42	<b>12</b> 0011	4.81	<b>27</b> 0433	6.48
0817	3.62	0831	4.12	1053	3.94	0957	4.05	1120	3.69	0957	3.66	0642	6.35	1301	4.39
FR 1425	7.78	SA 1438	7.09	MO 1705	7.05	TU 1605	6.75	WE 1733	6.72	TH 1600	6.65	SA 1428	4.16	SU 1925	5.76
● 2101	3.59	● 2105	4.07	2330	3.76	2219	4.04	2337	3.96	2203	4.00	2051	6.16		
<b>13</b> 0318	6.96	<b>28</b> 0337	6.66	<b>13</b> 0546	7.27	<b>28</b> 0448	6.92	<b>13</b> 0559	7.17	<b>28</b> 0428	7.01	<b>13</b> 0246	4.57	<b>28</b> 0124	4.90
0915	4.35	0924	4.62	1225	3.88	1114	4.24	1258	3.83	1115	4.07	0903	6.71	0752	6.53
SA 1540	7.04	SU 1546	6.58	TU 1836	7.01	WE 1728	6.48	TH 1907	6.53	FR 1730	6.18	SU 1538	3.52	MO 1451	3.70
2230	4.19	2215	4.50			2339	4.28			2327	4.50	2150	6.86	2123	6.61
<b>14</b> 0450	6.61	<b>29</b> 0456	6.44	<b>14</b> 0048	3.79	<b>29</b> 0610	6.91	<b>14</b> 0108	4.19	<b>29</b> 0609	6.75	<b>14</b> 0353	3.89	<b>29</b> 0315	4.10
1121	4.71	1114	4.88	0708	7.48	1300	4.04	0729	7.10	1328	3.94	0957	7.39	0925	7.46
SU 1742	6.75	MO 1730	6.35	WE 1351	3.49	TH 1902	6.53	FR 1429	3.56	SA 1934	6.20	MO 1621	2.89	TU 1554	2.75
				1953	7.23			2035	6.73			2227	7.52	2204	7.60
<b>15</b> 0029	4.17	<b>30</b> 0019	4.55	<b>15</b> 0204	3.61	<b>30</b> 0114	4.21	<b>15</b> 0240	4.03	<b>30</b> 0140	4.44	<b>15</b> 0434	3.22	<b>30</b> 0413	3.05
0656	6.87	0638	6.58	0815	7.84	0728	7.18	0850	7.34	0754	6.98	1032	8.01	1011	8.45
MO 1327	4.23	TU 1316	4.53	TH 1456	2.96	FR 1413	3.51	SA 1531	3.11	SU 1446	3.38	TU 1656	2.35	WE 1639	1.83
1934	7.14	1917	6.57	2054	7.56	2016	6.86	2139	7.16	2108	6.72	2257	8.05	2240	8.52
		<b>31</b> 0141	4.24					<b>31</b> 0303	3.94					<b>31</b> 0458	2.03
		0756	7.08					MO 1551	2.67					1050	9.27
		WE 1422	3.88					2205	7.42					TH 1718	1.09
		2023	7.05											○ 2314	9.29

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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

# BROOME – WESTERN AUSTRALIA

LAT 18° 0' S LONG 122° 13' E

# 2023

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> 0537	1.18	<b>16</b> 0543	1.48	<b>1</b> 0550	0.34	<b>16</b> 0540	1.05	<b>1</b> 0627	0.88	<b>16</b> 0612	1.16	<b>1</b> 0007	9.22	<b>16</b> 0002	9.39
1126	9.83	1132	9.26	1137	10.08	1130	9.35	1218	9.19	1205	8.92	0643	1.80	0641	1.54
FR 1756	0.61	SA 1756	1.33	SU 1802	0.60	MO 1749	1.45	WE 1834	1.77	TH 1819	2.10	FR 1244	8.47	SA 1240	8.66
2346	9.84	2346	9.41	2348	10.42	2336	9.78					1852	2.65	1853	2.47
<b>2</b> 0614	0.62	<b>17</b> 0609	1.19	<b>2</b> 0623	0.24	<b>17</b> 0606	0.90	<b>2</b> 0021	9.64	<b>17</b> 0006	9.51	<b>2</b> 0041	8.82	<b>17</b> 0042	9.20
1200	10.08	1156	9.37	1208	9.95	1155	9.34	0656	1.40	0643	1.45	0713	2.27	0719	1.83
SA 1830	0.42	SU 1819	1.25	MO 1832	0.78	TU 1814	1.49	TH 1251	8.69	FR 1238	8.64	SA 1319	8.11	SU 1320	8.51
								1902	2.31	1849	2.44	1923	3.07	1933	2.70
<b>3</b> 0017	10.13	<b>18</b> 0008	9.56	<b>3</b> 0017	10.32	<b>18</b> 0000	9.78	<b>3</b> 0051	9.04	<b>18</b> 0039	9.15	<b>3</b> 0114	8.33	<b>18</b> 0123	8.85
0647	0.40	0633	1.06	0652	0.49	0631	0.97	0723	2.10	0715	1.95	0744	2.80	0800	2.23
SU 1232	10.01	MO 1219	9.36	TU 1240	9.56	WE 1221	9.17	FR 1325	8.07	SA 1315	8.22	SU 1356	7.71	MO 1403	8.29
1900	0.55	1842	1.30	1900	1.21	1838	1.72	1929	2.97	1921	2.92	1954	3.55	2016	3.02
<b>4</b> 0048	10.14	<b>19</b> 0030	9.58	<b>4</b> 0047	9.92	<b>19</b> 0025	9.61	<b>4</b> 0119	8.31	<b>19</b> 0115	8.60	<b>4</b> 0147	7.78	<b>19</b> 0209	8.35
0719	0.54	0658	1.09	0720	1.05	0658	1.27	0749	2.89	0750	2.60	0815	3.35	0844	2.71
MO 1305	9.66	TU 1244	9.19	WE 1311	8.96	TH 1248	8.82	SA 1400	7.39	SU 1357	7.69	MO 1436	7.30	TU 1450	8.02
1930	0.96	1904	1.52	1926	1.86	1901	2.12	1954	3.71	1959	3.52	2030	4.05	2106	3.41
<b>5</b> 0119	9.84	<b>20</b> 0053	9.44	<b>5</b> 0115	9.27	<b>20</b> 0051	9.23	<b>5</b> 0147	7.52	<b>20</b> 0157	7.91	<b>5</b> 0227	7.22	<b>20</b> 0301	7.78
0749	1.01	0721	1.33	0746	1.83	0724	1.80	0816	3.70	0834	3.31	0852	3.88	0933	3.21
TU 1338	9.04	WE 1310	8.86	TH 1342	8.18	FR 1318	8.29	SU 1443	6.71	MO 1450	7.16	TU 1524	6.93	WE 1545	7.74
1957	1.61	1926	1.91	1949	2.67	1926	2.69	☉ 2021	4.46	☉ 2050	4.17	☉ 2116	4.52	☉ 2205	3.78
<b>6</b> 0149	9.27	<b>21</b> 0117	9.12	<b>6</b> 0143	8.43	<b>21</b> 0119	8.66	<b>6</b> 0221	6.72	<b>21</b> 0258	7.18	<b>6</b> 0322	6.67	<b>21</b> 0407	7.23
0817	1.75	0745	1.77	0811	2.76	0751	2.51	0853	4.48	0942	3.96	0945	4.36	1033	3.66
WE 1410	8.23	TH 1336	8.34	FR 1413	7.32	SA 1351	7.61	MO 1558	6.14	TU 1606	6.79	WE 1629	6.67	TH 1651	7.53
2022	2.44	1946	2.46	☉ 2010	3.56	1951	3.40	2116	5.18	2223	4.63	2237	4.84	2326	3.98
<b>7</b> 0218	8.48	<b>22</b> 0142	8.62	<b>7</b> 0206	7.51	<b>22</b> 0150	7.91	<b>7</b> 0410	6.02	<b>22</b> 0440	6.66	<b>7</b> 0450	6.28	<b>22</b> 0537	6.87
0845	2.67	0810	2.41	0833	3.73	0824	3.36	1218	4.94	1132	4.20	1128	4.63	1149	3.95
TH 1443	7.32	FR 1405	7.66	SA 1448	6.44	SU 1433	6.83	TU 1840	6.07	WE 1757	6.85	TH 1758	6.66	FR 1813	7.50
☉ 2045	3.36	2008	3.15	2025	4.45	☉ 2021	4.21								
<b>8</b> 0246	7.57	<b>23</b> 0208	7.97	<b>8</b> 0228	6.58	<b>23</b> 0230	7.04	<b>8</b> 0155	5.07	<b>23</b> 0034	4.40	<b>8</b> 0051	4.68	<b>23</b> 0102	3.83
0911	3.65	0837	3.21	0858	4.67	0916	4.27	0741	6.14	0648	6.82	0651	6.32	0711	6.89
FR 1520	6.38	SA 1438	6.85	SU 1620	5.66	MO 1555	6.11	WE 1409	4.46	TH 1308	3.92	FR 1310	4.50	SA 1313	3.99
2105	4.30	☉ 2030	3.95	2008	5.32	2133	5.06	2025	6.74	1930	7.43	1928	6.99	1931	7.70
<b>9</b> 0319	6.63	<b>24</b> 0239	7.17	<b>9</b> 0512	5.72	<b>24</b> 0437	6.25	<b>9</b> 0244	4.31	<b>24</b> 0207	3.62	<b>9</b> 0208	4.10	<b>24</b> 0225	3.35
0949	4.62	0915	4.13	1439	4.71	1237	4.55	0839	6.81	0807	7.41	0812	6.73	0827	7.20
SA 1703	5.57	SU 1533	5.98	MO 2113	6.18	TU 1929	6.27	TH 1450	3.89	FR 1419	3.41	SA 1414	4.14	SU 1430	3.78
2142	5.22	2100	4.84					2056	7.43	2029	8.16	2023	7.50	2038	8.04
<b>10</b> 0559	5.84	<b>25</b> 0351	6.28	<b>10</b> 0309	4.78	<b>25</b> 0144	4.74	<b>10</b> 0314	3.54	<b>25</b> 0302	2.75	<b>10</b> 0255	3.42	<b>25</b> 0324	2.80
1455	4.48	1302	4.63	0903	6.44	0752	6.73	0912	7.45	0900	8.02	0859	7.24	0926	7.61
SU 2126	6.12	MO 2030	5.86	TU 1515	3.96	WE 1418	3.79	FR 1522	3.35	SA 1512	2.89	SU 1501	3.71	MO 1531	3.43
				2124	6.97	2037	7.27	2123	8.07	2113	8.80	2103	8.04	2132	8.41
<b>11</b> 0317	4.71	<b>26</b> 0156	5.00	<b>11</b> 0330	3.95	<b>26</b> 0253	3.62	<b>11</b> 0343	2.82	<b>26</b> 0346	2.02	<b>11</b> 0333	2.76	<b>26</b> 0411	2.33
0921	6.54	0820	6.54	0927	7.23	0851	7.69	0940	8.01	0942	8.50	0937	7.72	1014	7.99
MO 1540	3.69	TU 1455	3.74	WE 1541	3.28	TH 1509	2.93	SA 1552	2.86	SU 1556	2.48	MO 1542	3.27	TU 1621	3.08
2150	6.94	2115	6.94	2143	7.70	2114	8.28	2148	8.64	2150	9.26	2139	8.54	2217	8.72
<b>12</b> 0353	3.87	<b>27</b> 0319	3.86	<b>12</b> 0355	3.18	<b>27</b> 0335	2.51	<b>12</b> 0412	2.17	<b>27</b> 0426	1.51	<b>12</b> 0411	2.17	<b>27</b> 0453	2.00
0952	7.36	0918	7.64	0950	7.92	0931	8.55	1008	8.46	1021	8.81	1013	8.14	1055	8.29
TU 1610	2.98	WE 1541	2.72	TH 1606	2.69	FR 1549	2.17	SU 1621	2.45	MO 1636	2.21	TU 1620	2.88	WE 1704	2.80
2213	7.67	2147	8.02	2204	8.35	2147	9.14	2215	9.10	☉ 2226	9.53	2215	8.96	☉ 2257	8.93
<b>13</b> 0421	3.11	<b>28</b> 0401	2.67	<b>13</b> 0420	2.48	<b>28</b> 0414	1.58	<b>13</b> 0441	1.63	<b>28</b> 0503	1.26	<b>13</b> 0447	1.73	<b>28</b> 0531	1.83
1018	8.06	0957	8.65	1015	8.49	1007	9.19	1036	8.80	1058	8.93	1048	8.45	1132	8.48
WE 1638	2.37	TH 1619	1.80	FR 1631	2.20	SA 1627	1.61	MO 1650	2.14	TU 1713	2.10	WE 1658	2.58	TH 1743	2.61
2236	8.29	2218	8.99	2228	8.89	2219	9.77	☉ 2241	9.45	2300	9.59	☉ 2249	9.26	2333	9.03
<b>14</b> 0449	2.45	<b>29</b> 0440	1.61	<b>14</b> 0446	1.87	<b>29</b> 0450	0.92	<b>14</b> 0511	1.26	<b>29</b> 0538	1.25	<b>14</b> 0525	1.47	<b>29</b> 0607	1.81
1044	8.61	1031	9.43	1040	8.92	1041	9.55	1105	9.00	1133	8.90	1125	8.64	1208	8.56
TH 1704	1.90	FR 1656	1.11	SA 1658	1.82	SU 1702	1.30	TU 1720	1.96	WE 1747	2.14	TH 1736	2.40	FR 1818	2.55
2300	8.78	☉ 2249	9.75	2250	9.32	☉ 2250	10.13	2308	9.65	2334	9.48	2325	9.41		
<b>15</b> 0516	1.91	<b>30</b> 0516	0.81	<b>15</b> 0513	1.39	<b>30</b> 0525	0.60	<b>15</b> 0541	1.09	<b>30</b> 0611	1.44	<b>15</b> 0602	1.41	<b>30</b> 0007	9.01
1108	9.01	1105	9.91	1104	9.20	1114	9.65	1134	9.04	1208	8.74	1201	8.70	0640	1.90
FR 1730	1.55	SA 1730	0.70	SU 1724	1.56	MO 1735	1.25	WE 1749	1.95	TH 1820	2.33	FR 1814	2.36	SA 1241	8.55
☉ 2324	9.15	2319	10.23	☉ 2314	9.61	2320	10.21	2336	9.67			1851	2.59		
				<b>31</b> 0557	0.60							<b>31</b> 0040	8.88		
				1146	9.52							0711	2.09		
				TU 1805	1.41							SU 1313	8.46		
				2350	10.05							1922	2.73		

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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