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# MORUYA – NEW SOUTH WALES

LAT 35° 54' S LONG 150° 7' 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> 0518 1.33 1145 0.47 SU 1736 1.11 2334 0.41		<b>16</b> 0419 1.18 1034 0.53 MO 1623 1.04 2235 0.42		<b>1</b> 0629 1.31 1328 0.40 WE 1926 0.94		<b>16</b> 0546 1.35 1246 0.31 TH 1842 0.99		<b>1</b> 0452 1.22 1204 0.44 WE 1813 0.89 2308 0.60		<b>16</b> 0417 1.30 1122 0.34 TH 1723 0.96 2247 0.51		<b>1</b> 0615 1.19 1306 0.38 SA 1922 1.02		<b>16</b> 0517 1.43 1158 0.21 SU 1808 1.23	
<b>2</b> 0610 1.37 1249 0.44 MO 1839 1.05		<b>17</b> 0515 1.26 1152 0.46 TU 1737 1.01 2332 0.42		<b>2</b> 0037 0.54 0719 1.33 TH 1416 0.36 2015 0.97		<b>17</b> 0011 0.44 0651 1.45 FR 1347 0.21 1945 1.06		<b>2</b> 0555 1.22 1300 0.40 TH 1910 0.93		<b>17</b> 0529 1.36 1229 0.27 FR 1833 1.03		<b>2</b> 0051 0.55 0607 1.23 SU 1246 0.33 1900 1.09		<b>17</b> 0001 0.38 0615 1.46 MO 1245 0.17 1856 1.33	
<b>3</b> 0021 0.45 0659 1.40 TU 1345 0.39 1936 1.02		<b>18</b> 0614 1.35 1301 0.36 WE 1849 1.02		<b>3</b> 0129 0.52 0806 1.35 FR 1459 0.31 2057 1.00		<b>18</b> 0118 0.38 0751 1.56 SA 1442 0.11 2041 1.14		<b>3</b> 0015 0.58 0652 1.24 FR 1346 0.36 1955 0.98		<b>18</b> 0003 0.46 0635 1.44 SA 1326 0.19 1930 1.12		<b>3</b> 0039 0.48 0651 1.28 MO 1322 0.29 1933 1.15		<b>18</b> 0059 0.29 0708 1.48 TU 1330 0.15 1942 1.42	
<b>4</b> 0106 0.47 0745 1.42 WE 1435 0.34 2027 1.02		<b>19</b> 0030 0.41 0711 1.46 TH 1403 0.24 1956 1.06		<b>4</b> 0215 0.49 0848 1.38 SA 1536 0.28 2134 1.03		<b>19</b> 0219 0.31 0846 1.64 SU 1530 0.04 2130 1.21		<b>4</b> 0114 0.54 0742 1.28 SA 1428 0.32 2032 1.03		<b>19</b> 0111 0.38 0735 1.53 SU 1416 0.12 2021 1.22		<b>4</b> 0121 0.41 0730 1.31 TU 1355 0.26 2007 1.20		<b>19</b> 0152 0.23 0757 1.45 WE 1411 0.16 2025 1.49	
<b>5</b> 0149 0.48 0828 1.44 TH 1520 0.31 2113 1.02		<b>20</b> 0130 0.38 0807 1.56 FR 1500 0.13 2055 1.11		<b>5</b> 0257 0.45 0927 1.41 SU 1611 0.26 2209 1.05		<b>20</b> 0315 0.24 0939 1.69 MO 1616 0.01 ● 2218 1.28		<b>5</b> 0200 0.48 0824 1.33 SU 1503 0.28 2107 1.07		<b>20</b> 0211 0.29 0830 1.59 MO 1503 0.08 2108 1.31		<b>5</b> 0201 0.35 0808 1.31 WE 1427 0.24 2042 1.25		<b>20</b> 0242 0.18 0844 1.39 TH 1449 0.20 ● 2107 1.53	
<b>6</b> 0230 0.48 0908 1.45 FR 1600 0.28 2154 1.02		<b>21</b> 0230 0.33 0901 1.66 SA 1551 0.05 2149 1.16		<b>6</b> 0335 0.42 1003 1.42 MO 1644 0.24 ○ 2244 1.07		<b>21</b> 0409 0.19 1028 1.69 TU 1700 0.02 2305 1.33		<b>6</b> 0242 0.42 0902 1.36 MO 1536 0.25 2141 1.11		<b>21</b> 0304 0.21 0919 1.60 TU 1545 0.06 2153 1.38		<b>6</b> 0242 0.30 0846 1.30 TH 1459 0.24 ○ 2116 1.30		<b>21</b> 0330 0.17 0929 1.30 FR 1526 0.26 2147 1.53	
<b>7</b> 0310 0.48 0946 1.45 SA 1637 0.27 ○ 2231 1.02		<b>22</b> 0326 0.29 0955 1.72 SU 1641 0.01 ● 2241 1.20		<b>7</b> 0414 0.39 1038 1.42 TU 1715 0.24 2318 1.09		<b>22</b> 0500 0.18 1115 1.62 WE 1742 0.06 2350 1.36		<b>7</b> 0320 0.37 0938 1.38 TU 1608 0.23 ○ 2215 1.15		<b>22</b> 0355 0.17 1006 1.56 WE 1627 0.08 ● 2236 1.44		<b>7</b> 0323 0.27 0925 1.25 FR 1531 0.25 2153 1.34		<b>22</b> 0418 0.19 1013 1.19 SA 1601 0.34 2227 1.50	
<b>8</b> 0347 0.47 1023 1.45 SU 1713 0.27 2309 1.02		<b>23</b> 0420 0.26 1046 1.74 MO 1729 0.00 2330 1.24		<b>8</b> 0451 0.39 1114 1.39 WE 1746 0.25 2354 1.10		<b>23</b> 0549 0.21 1200 1.50 TH 1823 0.14		<b>8</b> 0359 0.34 1014 1.37 WE 1638 0.22 2248 1.18		<b>23</b> 0445 0.16 1051 1.47 TH 1705 0.14 2319 1.46		<b>8</b> 0406 0.25 1006 1.20 SA 1605 0.29 2230 1.36		<b>23</b> 0506 0.23 1058 1.09 SU 1634 0.42 2306 1.45	
<b>9</b> 0426 0.46 1100 1.43 MO 1747 0.28 2345 1.03		<b>24</b> 0514 0.25 1136 1.70 TU 1815 0.04		<b>9</b> 0530 0.40 1149 1.34 TH 1818 0.27		<b>24</b> 0036 1.37 0641 0.26 FR 1246 1.35 1902 0.23		<b>9</b> 0437 0.32 1049 1.33 TH 1709 0.23 2323 1.21		<b>24</b> 0533 0.18 1135 1.34 FR 1742 0.22		<b>9</b> 0452 0.26 1051 1.12 SU 1642 0.35 2313 1.37		<b>24</b> 0554 0.28 1144 1.00 MO 1707 0.50 2345 1.38	
<b>10</b> 0505 0.46 1136 1.41 TU 1821 0.29		<b>25</b> 0020 1.26 0606 0.27 WE 1225 1.62 1900 0.10		<b>10</b> 0031 1.12 0613 0.42 FR 1227 1.27 1852 0.30		<b>25</b> 0121 1.36 0736 0.33 SA 1333 1.19 1941 0.34		<b>10</b> 0517 0.32 1126 1.27 FR 1741 0.26		<b>25</b> 0001 1.45 0623 0.23 SA 1220 1.20 1817 0.32		<b>10</b> 0543 0.27 1140 1.05 MO 1723 0.41 2359 1.37		<b>25</b> 0645 0.34 1234 0.93 TU 1744 0.57	
<b>11</b> 0024 1.04 0545 0.48 WE 1214 1.37 1857 0.31		<b>26</b> 0109 1.28 0700 0.32 TH 1314 1.48 1944 0.18		<b>11</b> 0112 1.14 0658 0.45 SA 1307 1.19 1928 0.34		<b>26</b> 0208 1.33 0837 0.39 SU 1425 1.04 2021 0.43		<b>11</b> 0000 1.23 0600 0.33 SA 1205 1.20 1814 0.30		<b>26</b> 0043 1.41 0715 0.30 SU 1306 1.07 1852 0.42		<b>11</b> 0641 0.29 1237 1.00 TU 1813 0.47		<b>26</b> 0026 1.31 0739 0.39 WE 1336 0.90 1830 0.63	
<b>12</b> 0104 1.05 0630 0.50 TH 1252 1.31 1933 0.33		<b>27</b> 0159 1.30 0758 0.38 FR 1403 1.33 2028 0.27		<b>12</b> 0155 1.16 0751 0.47 SU 1354 1.10 2009 0.38		<b>27</b> 0257 1.29 0946 0.44 MO 1529 0.93 ● 2106 0.52		<b>12</b> 0039 1.24 0647 0.36 SU 1249 1.11 1850 0.36		<b>27</b> 0124 1.36 0813 0.36 MO 1358 0.96 1929 0.51		<b>12</b> 0051 1.36 0746 0.31 WE 1345 0.96 1913 0.52		<b>27</b> 0113 1.24 0836 0.43 TH 1451 0.90 1932 0.67	
<b>13</b> 0148 1.06 0717 0.53 FR 1334 1.24 2013 0.35		<b>28</b> 0250 1.30 0901 0.43 SA 1458 1.18 2113 0.36		<b>13</b> 0243 1.18 0856 0.48 MO 1451 1.02 2057 0.43		<b>28</b> 0351 1.25 1058 0.45 TU 1653 0.88 2201 0.58		<b>13</b> 0122 1.25 0742 0.38 MO 1340 1.03 1933 0.42		<b>28</b> 0209 1.29 0915 0.41 TU 1503 0.88 2013 0.59		<b>13</b> 0153 1.35 0856 0.31 TH 1502 0.98 ● 2025 0.54		<b>28</b> 0209 1.19 0933 0.44 FR 1600 0.94 ● 2050 0.67	
<b>14</b> 0235 1.09 0812 0.56 SA 1421 1.17 2055 0.38		<b>29</b> 0344 1.30 1013 0.47 SU 1600 1.05 ● 2200 0.44		<b>14</b> 0338 1.22 1015 0.46 TU 1602 0.96 ● 2156 0.46		<b>15</b> 0441 1.27 1135 0.40 WE 1724 0.95 2302 0.47		<b>14</b> 0212 1.26 0848 0.40 TU 1442 0.96 2026 0.48		<b>29</b> 0300 1.22 1022 0.44 WE 1632 0.87 ● 2114 0.64		<b>14</b> 0301 1.35 1003 0.29 FR 1615 1.04 2143 0.52		<b>29</b> 0315 1.16 1027 0.42 SA 1655 1.00 2211 0.64	
<b>15</b> 0326 1.13 0917 0.56 SU 1516 1.10 ● 2143 0.40		<b>30</b> 0438 1.30 1125 0.47 MO 1712 0.97 2249 0.50		<b>15</b> 0441 1.27 1135 0.40 WE 1724 0.95 2302 0.47				<b>15</b> 0310 1.27 1005 0.39 WE 1600 0.93 ● 2132 0.51		<b>30</b> 0401 1.18 1125 0.44 TH 1747 0.90 2233 0.65		<b>15</b> 0412 1.38 1104 0.25 SA 1716 1.13 2257 0.46		<b>30</b> 0421 1.17 1115 0.39 SU 1739 1.07 2315 0.58	
		<b>31</b> 0534 1.30 1230 0.44 TU 1824 0.94 2343 0.53						<b>31</b> 0511 1.17 1219 0.41 FR 1840 0.96 2351 0.62							

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

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

# MORUYA – NEW SOUTH WALES

LAT 35° 54' S LONG 150° 7' E

Times and Heights of High and Low Waters

# 2023

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> 0519	1.19	<b>16</b> 0552	1.35	<b>1</b> 0029	0.45	<b>16</b> 0130	0.31	<b>1</b> 0059	0.33	<b>16</b> 0205	0.29	<b>1</b> 0227	0.09	<b>16</b> 0256	0.26
1156	0.36	1209	0.26	0616	1.13	0721	1.11	0645	1.05	0800	1.02	0823	1.12	0856	1.07
MO 1817	1.15	TU 1829	1.42	TH 1220	0.35	FR 1300	0.41	SA 1226	0.39	SU 1320	0.49	TU 1359	0.30	WE 1428	0.42
				1850	1.36	1931	1.52	1903	1.48	1955	1.45	2029	1.68	● 2051	1.41
<b>2</b> 0009	0.51	<b>17</b> 0046	0.33	<b>2</b> 0118	0.35	<b>17</b> 0218	0.27	<b>2</b> 0152	0.23	<b>17</b> 0246	0.27	<b>2</b> 0315	0.03	<b>17</b> 0328	0.25
0609	1.21	0646	1.32	0708	1.13	0811	1.09	0743	1.07	0843	1.03	0914	1.18	0930	1.09
TU 1233	0.32	WE 1253	0.26	FR 1301	0.34	SA 1341	0.44	SU 1318	0.37	MO 1403	0.48	WE 1454	0.25	TH 1504	0.39
1854	1.22	1914	1.50	1932	1.44	2014	1.53	1953	1.57	2035	1.46	○ 2120	1.72	2125	1.40
<b>3</b> 0056	0.43	<b>18</b> 0140	0.27	<b>3</b> 0208	0.26	<b>18</b> 0304	0.24	<b>3</b> 0244	0.14	<b>18</b> 0325	0.26	<b>3</b> 0401	0.01	<b>18</b> 0359	0.24
0654	1.23	0736	1.27	0759	1.13	0857	1.06	0838	1.10	0921	1.04	1002	1.24	1003	1.11
WE 1308	0.30	TH 1334	0.29	SA 1345	0.34	SU 1420	0.46	MO 1411	0.34	TU 1442	0.47	TH 1546	0.22	FR 1540	0.38
1930	1.29	1957	1.55	2015	1.52	● 2054	1.52	○ 2044	1.65	● 2113	1.45	2209	1.71	2159	1.37
<b>4</b> 0140	0.35	<b>19</b> 0230	0.22	<b>4</b> 0257	0.18	<b>19</b> 0346	0.24	<b>4</b> 0334	0.07	<b>19</b> 0400	0.26	<b>4</b> 0446	0.02	<b>19</b> 0428	0.25
0737	1.23	0824	1.22	0850	1.12	0940	1.04	0930	1.13	0958	1.04	1051	1.28	1037	1.13
TH 1344	0.28	FR 1413	0.33	SU 1430	0.35	MO 1458	0.48	TU 1504	0.32	WE 1519	0.45	FR 1639	0.22	SA 1617	0.38
2006	1.36	2039	1.56	○ 2101	1.58	2132	1.49	2135	1.69	2148	1.44	2258	1.64	2232	1.32
<b>5</b> 0224	0.28	<b>20</b> 0317	0.21	<b>5</b> 0347	0.13	<b>20</b> 0427	0.26	<b>5</b> 0424	0.04	<b>20</b> 0434	0.27	<b>5</b> 0530	0.07	<b>20</b> 0457	0.27
0820	1.21	0910	1.15	0943	1.12	1021	1.02	1023	1.16	1033	1.05	1139	1.31	1112	1.15
FR 1419	0.29	SA 1449	0.38	MO 1516	0.36	TU 1534	0.50	WE 1558	0.31	TH 1556	0.45	SA 1732	0.25	SU 1657	0.40
2045	1.43	● 2118	1.55	2149	1.62	2210	1.46	2226	1.70	2223	1.41	2346	1.52	2307	1.25
<b>6</b> 0309	0.23	<b>21</b> 0403	0.21	<b>6</b> 0438	0.11	<b>21</b> 0504	0.28	<b>6</b> 0513	0.05	<b>21</b> 0506	0.28	<b>6</b> 0614	0.14	<b>21</b> 0528	0.30
0905	1.18	0955	1.09	1036	1.11	1100	1.01	1115	1.18	1109	1.06	1228	1.33	1149	1.16
SA 1457	0.31	SU 1524	0.44	TU 1607	0.38	WE 1612	0.52	TH 1651	0.32	FR 1634	0.46	SU 1829	0.31	MO 1740	0.43
○ 2124	1.47	2157	1.52	2240	1.62	2246	1.42	2317	1.66	2259	1.37	2345	1.16	2345	1.16
<b>7</b> 0357	0.19	<b>22</b> 0447	0.24	<b>7</b> 0530	0.11	<b>22</b> 0542	0.31	<b>7</b> 0600	0.08	<b>22</b> 0538	0.30	<b>7</b> 0036	1.37	<b>22</b> 0601	0.34
0952	1.14	1039	1.03	1131	1.10	1141	1.01	1207	1.21	1146	1.07	0658	0.24	1229	1.17
SU 1537	0.34	MO 1559	0.49	WE 1700	0.41	TH 1652	0.54	FR 1746	0.35	SA 1715	0.48	MO 1318	1.34	TU 1829	0.46
2207	1.50	2234	1.46	2332	1.60	2324	1.37			2334	1.31	1930	0.37		
<b>8</b> 0446	0.18	<b>23</b> 0531	0.28	<b>8</b> 0623	0.14	<b>23</b> 0618	0.34	<b>8</b> 0009	1.58	<b>23</b> 0611	0.32	<b>8</b> 0130	1.21	<b>23</b> 0029	1.07
1043	1.09	1123	0.99	1229	1.11	1223	1.01	0648	0.14	1227	1.08	0743	0.33	0638	0.39
MO 1620	0.39	TU 1633	0.54	TH 1758	0.44	FR 1736	0.56	SA 1300	1.24	SU 1800	0.51	TU 1411	1.34	WE 1313	1.18
2253	1.51	2312	1.40					1845	0.39			● 2041	0.41	1928	0.48
<b>9</b> 0540	0.19	<b>24</b> 0615	0.33	<b>9</b> 0027	1.56	<b>24</b> 0003	1.31	<b>9</b> 0101	1.47	<b>24</b> 0013	1.23	<b>9</b> 0231	1.06	<b>24</b> 0121	0.99
1137	1.05	1210	0.96	0717	0.18	0657	0.37	0736	0.21	0646	0.35	0830	0.42	0723	0.44
TU 1709	0.44	WE 1713	0.58	FR 1327	1.14	SA 1309	1.02	SU 1354	1.27	MO 1310	1.10	WE 1507	1.33	TH 1405	1.20
2344	1.49	2351	1.34	1900	0.47	1826	0.59	1949	0.43	1850	0.54	2156	0.43	● 2042	0.48
<b>10</b> 0637	0.21	<b>25</b> 0659	0.37	<b>10</b> 0124	1.49	<b>25</b> 0046	1.25	<b>10</b> 0158	1.34	<b>25</b> 0057	1.15	<b>10</b> 0345	0.97	<b>25</b> 0228	0.93
1238	1.03	1300	0.95	0811	0.22	0738	0.38	0825	0.28	0726	0.38	0923	0.49	0818	0.48
WE 1804	0.49	TH 1800	0.62	SA 1426	1.18	SU 1359	1.05	MO 1449	1.31	TU 1357	1.12	TH 1606	1.32	FR 1505	1.23
				2006	0.49	1923	0.62	● 2100	0.45	1951	0.56	2306	0.42	2203	0.43
<b>11</b> 0039	1.46	<b>26</b> 0035	1.28	<b>11</b> 0224	1.41	<b>26</b> 0134	1.19	<b>11</b> 0258	1.21	<b>26</b> 0147	1.06	<b>11</b> 0504	0.93	<b>26</b> 0349	0.91
0737	0.24	0745	0.40	0903	0.26	0822	0.40	0914	0.35	0811	0.42	1022	0.54	0926	0.50
TH 1344	1.04	FR 1358	0.96	SU 1524	1.24	MO 1451	1.08	TU 1545	1.34	WE 1448	1.16	FR 1706	1.31	SA 1613	1.29
1908	0.52	1857	0.65	● 2117	0.49	● 2030	0.62	2213	0.45	● 2105	0.55			2317	0.35
<b>12</b> 0140	1.43	<b>27</b> 0125	1.23	<b>12</b> 0326	1.33	<b>27</b> 0228	1.12	<b>12</b> 0404	1.11	<b>27</b> 0250	0.99	<b>12</b> 0008	0.39	<b>27</b> 0512	0.94
0838	0.25	0835	0.42	0955	0.30	0908	0.41	1004	0.41	0901	0.44	0610	0.94	1037	0.48
FR 1450	1.08	SA 1458	1.00	MO 1619	1.32	TU 1544	1.14	WE 1640	1.38	TH 1545	1.21	SA 1123	0.55	SU 1719	1.38
2019	0.53	2003	0.66	2229	0.46	2144	0.60	2322	0.42	2225	0.50	1801	1.32		
<b>13</b> 0245	1.40	<b>28</b> 0220	1.18	<b>13</b> 0429	1.26	<b>28</b> 0330	1.07	<b>13</b> 0513	1.04	<b>28</b> 0404	0.96	<b>13</b> 0100	0.35	<b>28</b> 0020	0.26
0937	0.26	0924	0.42	1045	0.32	0956	0.41	1055	0.45	0959	0.46	0701	0.98	0618	1.02
SA 1553	1.15	SU 1554	1.05	TU 1712	1.39	WE 1634	1.21	TH 1732	1.40	FR 1644	1.29	SU 1219	0.53	MO 1146	0.42
● 2133	0.51	● 2118	0.65	2335	0.41	2257	0.54			2338	0.41	1852	1.35	1822	1.49
<b>14</b> 0351	1.38	<b>29</b> 0321	1.15	<b>14</b> 0530	1.20	<b>29</b> 0437	1.04	<b>14</b> 0024	0.38	<b>29</b> 0521	0.96	<b>14</b> 0143	0.31	<b>29</b> 0114	0.16
1031	0.26	1012	0.41	1131	0.35	1045	0.41	0615	1.01	1100	0.45	0744	1.01	0714	1.11
SU 1650	1.24	MO 1644	1.11	WE 1800	1.45	TH 1724	1.29	FR 1145	0.48	SA 1743	1.38	MO 1308	0.50	TU 1250	0.34
2245	0.46	2231	0.61					1823	1.43			1936	1.37	1918	1.59
<b>15</b> 0454	1.37	<b>30</b> 0423	1.14	<b>15</b> 0035	0.36	<b>30</b> 0001	0.44	<b>15</b> 0117	0.33	<b>30</b> 0040	0.30	<b>15</b> 0221	0.28	<b>30</b> 0203	0.08
1123	0.26	1057	0.39	0628	1.15	0544	1.03	0712	1.01	0630	1.00	0821	1.04	0803	1.19
MO 1741	1.33	TU 1728	1.19	TH 1216	0.38	FR 1135	0.40	SA 1234	0.49	SU 1200	0.41	TU 1350	0.46	WE 1348	0.25
2348	0.39	2333	0.54	1847	1.50	1814	1.38	1911	1.44	1840	1.49	2015	1.40	2011	1.66
		<b>31</b> 0521	1.13											<b>31</b> 0248	0.03
		1139	0.37											0851	1.28
		WE 1810	1.27											TH 1442	0.18
														○ 2100	1.67

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

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

# MORUYA – NEW SOUTH WALES

LAT 35° 54' S LONG 150° 7' E

Times and Heights of High and Low Waters

# 2023

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> 0332	0.01	<b>16</b> 0318	0.24	<b>1</b> 0439	0.13	<b>16</b> 0408	0.29	<b>1</b> 0519	0.41	<b>16</b> 0454	0.40	<b>1</b> 0015	1.02	<b>16</b> 0003	1.09
0937	1.35	0930	1.21	1054	1.52	1032	1.35	1149	1.52	1129	1.50	0529	0.53	0532	0.40
FR 1533	0.15	SA 1524	0.32	SU 1712	0.13	MO 1650	0.27	WE 1841	0.22	TH 1815	0.20	FR 1203	1.45	SA 1204	1.60
2148	1.63	2132	1.30	2314	1.36	2247	1.15					1903	0.29	1854	0.14
<b>2</b> 0415	0.04	<b>17</b> 0347	0.25	<b>2</b> 0517	0.20	<b>17</b> 0441	0.32	<b>2</b> 0034	1.03	<b>17</b> 0012	1.04	<b>2</b> 0102	0.99	<b>17</b> 0057	1.11
1023	1.40	1004	1.23	1137	1.52	1109	1.37	0558	0.49	0541	0.44	0609	0.57	0627	0.42
SA 1625	0.15	SU 1602	0.32	MO 1803	0.16	TU 1733	0.26	TH 1231	1.45	FR 1216	1.49	SA 1243	1.38	SU 1256	1.57
2236	1.53	2208	1.24			2330	1.09	1932	0.29	1909	0.22	1946	0.34	1945	0.17
<b>3</b> 0455	0.11	<b>18</b> 0417	0.27	<b>3</b> 0001	1.23	<b>18</b> 0516	0.37	<b>3</b> 0128	0.97	<b>18</b> 0108	1.03	<b>3</b> 0151	0.99	<b>18</b> 0152	1.13
1108	1.42	1039	1.25	0556	0.30	1148	1.38	0638	0.57	0632	0.48	0654	0.61	0724	0.44
SU 1717	0.19	MO 1643	0.33	TU 1221	1.49	WE 1821	0.28	FR 1315	1.36	SA 1309	1.47	SU 1324	1.31	MO 1350	1.51
2323	1.38	2245	1.16	1858	0.22			2025	0.35	2004	0.24	2030	0.38	2035	0.21
<b>4</b> 0535	0.20	<b>19</b> 0448	0.32	<b>4</b> 0051	1.10	<b>19</b> 0016	1.04	<b>4</b> 0230	0.94	<b>19</b> 0209	1.03	<b>4</b> 0243	0.99	<b>19</b> 0248	1.17
1155	1.42	1115	1.26	0634	0.41	0556	0.42	0725	0.63	0731	0.51	0746	0.64	0827	0.46
MO 1813	0.25	TU 1728	0.35	WE 1305	1.43	TH 1231	1.37	SA 1401	1.28	SU 1405	1.44	MO 1410	1.25	TU 1446	1.43
		2326	1.08	1955	0.29	1915	0.30	2119	0.40	2101	0.26	2115	0.41	2126	0.25
<b>5</b> 0012	1.22	<b>20</b> 0523	0.37	<b>5</b> 0146	0.98	<b>20</b> 0110	0.99	<b>5</b> 0336	0.94	<b>20</b> 0313	1.06	<b>5</b> 0337	1.02	<b>20</b> 0345	1.23
0615	0.31	1155	1.26	0715	0.51	0641	0.48	0825	0.67	0838	0.53	0847	0.66	0936	0.47
TU 1242	1.39	WE 1817	0.38	TH 1352	1.35	FR 1320	1.36	SU 1456	1.22	MO 1507	1.41	TU 1500	1.19	WE 1546	1.34
1914	0.32			2058	0.35	2015	0.32	2213	0.42	2159	0.27	2200	0.42	2217	0.29
<b>6</b> 0106	1.07	<b>21</b> 0014	1.01	<b>6</b> 0255	0.91	<b>21</b> 0213	0.96	<b>6</b> 0440	0.97	<b>21</b> 0415	1.13	<b>6</b> 0431	1.07	<b>21</b> 0442	1.30
0659	0.42	0601	0.43	0802	0.59	0737	0.53	0939	0.68	0950	0.52	1000	0.66	1049	0.46
WE 1331	1.35	TH 1241	1.26	FR 1444	1.27	SA 1418	1.34	MO 1557	1.18	TU 1611	1.38	WE 1557	1.14	TH 1650	1.25
2022	0.38	1918	0.40	2202	0.40	2120	0.32	2304	0.42	2254	0.27	2245	0.42	2308	0.32
<b>7</b> 0211	0.95	<b>22</b> 0111	0.94	<b>7</b> 0416	0.90	<b>22</b> 0325	0.96	<b>7</b> 0533	1.03	<b>22</b> 0513	1.21	<b>7</b> 0521	1.12	<b>22</b> 0536	1.38
0745	0.51	0651	0.49	0905	0.65	0845	0.55	1056	0.66	1104	0.48	1114	0.62	1200	0.42
TH 1427	1.29	FR 1335	1.26	SA 1545	1.21	SU 1523	1.34	TU 1701	1.16	WE 1715	1.36	TH 1658	1.10	FR 1756	1.18
2134	0.41	2030	0.40	2303	0.42	2226	0.31	2351	0.41	2346	0.27	2330	0.41	2358	0.36
<b>8</b> 0335	0.90	<b>23</b> 0224	0.91	<b>8</b> 0529	0.93	<b>23</b> 0437	1.01	<b>8</b> 0619	1.10	<b>23</b> 0607	1.31	<b>8</b> 0607	1.19	<b>23</b> 0630	1.44
0844	0.58	0754	0.53	1025	0.66	1000	0.55	1202	0.60	1213	0.42	1218	0.56	1306	0.36
FR 1530	1.24	SA 1440	1.27	SU 1654	1.18	MO 1632	1.36	WE 1800	1.16	TH 1817	1.33	FR 1759	1.08	SA 1859	1.13
2242	0.41	2146	0.37	2359	0.41	2328	0.28								
<b>9</b> 0455	0.90	<b>24</b> 0347	0.93	<b>9</b> 0622	0.98	<b>24</b> 0541	1.10	<b>9</b> 0032	0.38	<b>24</b> 0035	0.27	<b>9</b> 0013	0.40	<b>24</b> 0047	0.38
0955	0.61	0908	0.54	1141	0.63	1116	0.49	0700	1.17	0658	1.41	0649	1.26	0720	1.50
SA 1635	1.23	SU 1551	1.32	MO 1759	1.19	TU 1739	1.40	TH 1257	0.53	FR 1315	0.34	SA 1315	0.48	SU 1405	0.30
2340	0.39	2255	0.31					1850	1.17	1915	1.30	1856	1.07	1958	1.10
<b>10</b> 0554	0.94	<b>25</b> 0500	1.00	<b>10</b> 0045	0.38	<b>25</b> 0022	0.24	<b>10</b> 0111	0.36	<b>25</b> 0122	0.27	<b>10</b> 0055	0.39	<b>25</b> 0136	0.41
1107	0.60	1026	0.49	0705	1.05	0635	1.21	0736	1.24	0745	1.50	0730	1.34	0809	1.54
SU 1736	1.24	MO 1700	1.39	TU 1241	0.57	WE 1226	0.41	FR 1344	0.46	SA 1414	0.27	SU 1405	0.39	MO 1459	0.25
		2354	0.23	1851	1.22	1841	1.43	1936	1.17	2010	1.26	1949	1.07	2052	1.09
<b>11</b> 0029	0.36	<b>26</b> 0600	1.09	<b>11</b> 0127	0.35	<b>26</b> 0112	0.20	<b>11</b> 0146	0.34	<b>26</b> 0206	0.29	<b>11</b> 0137	0.39	<b>26</b> 0223	0.43
0639	1.00	1137	0.41	0743	1.11	0725	1.32	0813	1.30	0831	1.57	0812	1.41	0855	1.55
MO 1206	0.55	TU 1802	1.48	WE 1329	0.50	TH 1328	0.32	SA 1428	0.38	SU 1507	0.21	MO 1453	0.30	TU 1547	0.22
1828	1.27			1936	1.25	1937	1.45	2020	1.17	2102	1.21	2041	1.07	2142	1.07
<b>12</b> 0110	0.33	<b>27</b> 0046	0.16	<b>12</b> 0202	0.32	<b>27</b> 0158	0.17	<b>12</b> 0221	0.33	<b>27</b> 0249	0.33	<b>12</b> 0220	0.38	<b>27</b> 0308	0.45
0717	1.05	0651	1.20	0817	1.17	0813	1.43	0847	1.37	0916	1.60	0855	1.48	0940	1.55
TU 1253	0.49	WE 1240	0.32	TH 1411	0.43	FR 1424	0.24	SU 1511	0.32	MO 1559	0.18	TU 1540	0.23	WE 1632	0.21
1911	1.31	1859	1.55	2015	1.27	2029	1.43	2103	1.15	2152	1.16	2130	1.08	2228	1.06
<b>13</b> 0146	0.29	<b>28</b> 0133	0.10	<b>13</b> 0235	0.29	<b>28</b> 0242	0.17	<b>13</b> 0256	0.33	<b>28</b> 0330	0.37	<b>13</b> 0305	0.38	<b>28</b> 0350	0.47
0753	1.10	0739	1.31	0851	1.23	0858	1.52	0925	1.42	1000	1.60	0939	1.54	1021	1.52
WE 1333	0.43	TH 1336	0.23	FR 1450	0.37	SA 1517	0.17	MO 1554	0.26	TU 1647	0.17	WE 1628	0.17	TH 1714	0.22
1949	1.34	1950	1.58	2053	1.27	2118	1.38	2146	1.13	2241	1.11	2220	1.08	2310	1.05
<b>14</b> 0219	0.26	<b>29</b> 0216	0.07	<b>14</b> 0306	0.27	<b>29</b> 0323	0.20	<b>14</b> 0333	0.34	<b>29</b> 0411	0.43	<b>14</b> 0352	0.38	<b>29</b> 0430	0.49
0826	1.14	0825	1.40	0924	1.28	0942	1.57	1003	1.46	1042	1.57	1026	1.58	1100	1.49
TH 1411	0.38	FR 1429	0.16	SA 1530	0.32	SU 1609	0.14	TU 1639	0.22	WE 1734	0.20	TH 1715	0.13	FR 1752	0.25
2024	1.35	2039	1.55	2130	1.25	2207	1.30	2232	1.10	2329	1.06	2312	1.08	2350	1.04
<b>15</b> 0249	0.24	<b>30</b> 0259	0.08	<b>15</b> 0337	0.27	<b>30</b> 0402	0.25	<b>15</b> 0412	0.37	<b>30</b> 0450	0.48	<b>15</b> 0441	0.38	<b>30</b> 0508	0.50
0859	1.18	0910	1.47	0958	1.32	1025	1.59	1044	1.49	1123	1.52	1115	1.60	1138	1.44
FR 1447	0.34	SA 1520	0.12	SU 1609	0.29	MO 1700	0.14	WE 1726	0.20	TH 1819	0.24	FR 1804	0.13	SA 1829	0.28
2058	1.34	2127	1.48	2207	1.21	2256	1.21	2320	1.07						
				<b>31</b> 0442	0.33	<b>31</b> 1108	1.57					<b>31</b> 0030	1.04	<b>31</b> 0545	0.52
				TU 1750	0.17	2344	1.11					SU 1214	1.39	1904	0.32

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