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# SPRING BAY – TASMANIA

LAT 42° 33' S LONG 147° 56' E

Times and Heights of High and Low Waters

# 2020

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> 0206 0.98		<b>16</b> 0155 1.10		<b>1</b> 0227 1.03		<b>16</b> 0303 1.19		<b>1</b> 0132 1.07		<b>16</b> 0231 1.21		<b>1</b> 0211 1.14		<b>16</b> 0252 1.12	
0719 0.69		0738 0.54		0830 0.60		0945 0.38		0800 0.53		0932 0.32		0917 0.42		1000 0.40	
WE 1301 1.07		TH 1334 1.18		SA 1412 0.95		SU 1551 0.96		SU 1355 0.95		MO 1556 0.97		WE 1545 0.95		TH 1642 0.99	
2004 0.41		2016 0.28		2031 0.51		☉ 2134 0.53		1946 0.59		☉ 2115 0.63		☉ 2056 0.71		2154 0.71	
<b>2</b> 0243 0.99		<b>17</b> 0244 1.13		<b>2</b> 0305 1.06		<b>17</b> 0355 1.19		<b>2</b> 0212 1.09		<b>17</b> 0327 1.19		<b>2</b> 0305 1.15		<b>17</b> 0348 1.09	
0811 0.68		0844 0.50		0928 0.57		1056 0.37		0854 0.51		1037 0.34		1013 0.39		1045 0.43	
TH 1349 1.01		FR 1439 1.09		SU 1512 0.91		MO 1709 0.92		MO 1453 0.92		TU 1710 0.94		TH 1645 0.97		FR 1723 1.00	
2042 0.44		☉ 2106 0.35		☉ 2113 0.55		2226 0.59		2031 0.62		2213 0.67		2154 0.69		2249 0.69	
<b>3</b> 0320 1.01		<b>18</b> 0331 1.15		<b>3</b> 0346 1.09		<b>18</b> 0447 1.20		<b>3</b> 0256 1.11		<b>18</b> 0423 1.16		<b>3</b> 0405 1.18		<b>18</b> 0442 1.07	
0907 0.66		0952 0.47		1027 0.54		1200 0.35		0949 0.48		1136 0.36		1107 0.35		1125 0.46	
FR 1444 0.96		SA 1548 1.01		MO 1618 0.89		TU 1820 0.91		TU 1559 0.90		WE 1811 0.94		FR 1741 1.00		SA 1759 1.01	
☉ 2120 0.47		2155 0.42		2157 0.59		2318 0.62		☉ 2122 0.65		2310 0.67		2255 0.66		2337 0.66	
<b>4</b> 0358 1.04		<b>19</b> 0421 1.18		<b>4</b> 0429 1.13		<b>19</b> 0541 1.20		<b>4</b> 0345 1.13		<b>19</b> 0518 1.14		<b>4</b> 0506 1.21		<b>19</b> 0530 1.05	
1006 0.62		1103 0.42		1125 0.48		1255 0.34		1045 0.44		1227 0.38		1201 0.31		1201 0.48	
SA 1545 0.92		SU 1702 0.95		TU 1727 0.89		WE 1916 0.92		WE 1705 0.91		TH 1858 0.95		SA 1831 1.04		SU 1832 1.04	
2200 0.50		2244 0.49		2243 0.61				2215 0.66				2355 0.60			
<b>5</b> 0436 1.08		<b>20</b> 0511 1.21		<b>5</b> 0515 1.17		<b>20</b> 0010 0.64		<b>5</b> 0437 1.17		<b>20</b> 0003 0.67		<b>5</b> 0507 1.25		<b>20</b> 0021 0.62	
1107 0.57		1212 0.37		1220 0.42		0633 1.19		1143 0.38		0612 1.13		1154 0.27		0616 1.05	
SU 1649 0.90		MO 1815 0.92		WE 1830 0.91		TH 1344 0.34		TH 1807 0.94		FR 1311 0.40		SU 1820 1.09		MO 1236 0.50	
2239 0.53		2331 0.55		2331 0.62		2003 0.93		2310 0.64		1937 0.96		2356 0.53		1904 1.06	
<b>6</b> 0515 1.12		<b>21</b> 0601 1.23		<b>6</b> 0602 1.22		<b>21</b> 0059 0.64		<b>6</b> 0532 1.22		<b>21</b> 0051 0.65		<b>6</b> 0608 1.27		<b>21</b> 0102 0.58	
1204 0.52		1311 0.33		1312 0.35		0722 1.19		1237 0.32		0700 1.12		1246 0.27		0701 1.04	
MO 1753 0.90		TU 1921 0.92		TH 1927 0.94		FR 1427 0.34		FR 1901 0.97		SA 1350 0.41		MO 1908 1.14		TU 1310 0.52	
2319 0.57						2045 0.94				2013 0.98				1935 1.09	
<b>7</b> 0556 1.17		<b>22</b> 0020 0.59		<b>7</b> 0022 0.62		<b>22</b> 0145 0.64		<b>7</b> 0006 0.62		<b>22</b> 0135 0.63		<b>7</b> 0057 0.46		<b>22</b> 0144 0.54	
1256 0.45		0652 1.25		0653 1.28		0807 1.18		0628 1.27		0745 1.11		0710 1.28		0747 1.03	
TU 1854 0.91		WE 1403 0.30		FR 1401 0.28		SA 1507 0.35		SA 1329 0.26		SU 1427 0.42		TU 1339 0.28		WE 1344 0.56	
		2017 0.92		2019 0.97		2123 0.95		1951 1.01		2046 0.99		1956 1.19		2006 1.11	
<b>8</b> 0001 0.60		<b>23</b> 0110 0.63		<b>8</b> 0116 0.61		<b>23</b> 0230 0.64		<b>8</b> 0104 0.57		<b>23</b> 0217 0.61		<b>8</b> 0200 0.38		<b>23</b> 0226 0.51	
0638 1.21		0741 1.26		0745 1.33		0849 1.17		0725 1.31		0827 1.10		0814 1.26		0834 1.03	
WE 1343 0.38		TH 1451 0.28		SA 1450 0.22		SU 1544 0.36		SU 1420 0.22		MO 1501 0.44		WE 1430 0.33		TH 1418 0.59	
1951 0.93		2108 0.93		2109 1.00		2200 0.96		2040 1.06		2119 1.01		☉ 2045 1.24		☉ 2038 1.15	
<b>9</b> 0047 0.62		<b>24</b> 0200 0.65		<b>9</b> 0215 0.59		<b>24</b> 0315 0.63		<b>9</b> 0204 0.52		<b>24</b> 0300 0.58		<b>9</b> 0303 0.32		<b>24</b> 0309 0.47	
0723 1.26		0827 1.25		0840 1.36		0930 1.16		0824 1.34		0909 1.09		0917 1.22		0922 1.02	
TH 1430 0.31		FR 1535 0.28		SU 1540 0.18		MO 1619 0.38		MO 1512 0.20		TU 1535 0.46		TH 1524 0.40		FR 1455 0.63	
2044 0.95		2155 0.94		☉ 2159 1.03		☉ 2236 0.97		2128 1.10		☉ 2151 1.03		2133 1.28		2112 1.17	
<b>10</b> 0137 0.64		<b>25</b> 0248 0.67		<b>10</b> 0316 0.56		<b>25</b> 0400 0.61		<b>10</b> 0306 0.47		<b>25</b> 0343 0.56		<b>10</b> 0407 0.26		<b>25</b> 0352 0.44	
0810 1.31		0911 1.24		0936 1.37		1011 1.13		0924 1.33		0952 1.07		1022 1.17		1010 1.02	
FR 1516 0.25		SA 1616 0.29		MO 1630 0.16		TU 1652 0.40		TU 1602 0.21		WE 1608 0.49		FR 1616 0.48		SA 1534 0.67	
2135 0.98		☉ 2239 0.94		2249 1.06		2312 0.98		☉ 2217 1.14		2224 1.05		2223 1.30		2146 1.20	
<b>11</b> 0233 0.65		<b>26</b> 0337 0.67		<b>11</b> 0418 0.53		<b>26</b> 0445 0.60		<b>11</b> 0410 0.41		<b>26</b> 0427 0.53		<b>11</b> 0510 0.24		<b>26</b> 0437 0.42	
0900 1.35		0953 1.22		1032 1.36		1052 1.10		1024 1.30		1036 1.05		1129 1.12		1059 1.01	
SA 1604 0.20		SU 1655 0.32		TU 1721 0.18		WE 1725 0.43		WE 1654 0.26		TH 1641 0.52		SA 1710 0.56		SU 1615 0.70	
☉ 2228 1.00		2320 0.95		2341 1.10		2345 1.00		2307 1.18		2256 1.08		2313 1.30		2224 1.21	
<b>12</b> 0332 0.64		<b>27</b> 0424 0.67		<b>12</b> 0522 0.49		<b>27</b> 0532 0.58		<b>12</b> 0515 0.36		<b>27</b> 0513 0.50		<b>12</b> 0611 0.24		<b>27</b> 0523 0.41	
0951 1.37		1033 1.19		1130 1.31		1133 1.07		1126 1.24		1121 1.03		1235 1.07		1148 1.00	
SU 1654 0.17		MO 1732 0.34		WE 1812 0.22		TH 1758 0.47		TH 1745 0.32		FR 1715 0.56		SU 1803 0.63		MO 1700 0.73	
2320 1.02								2357 1.21		2330 1.10				2303 1.21	
<b>13</b> 0432 0.62		<b>28</b> 0000 0.96		<b>13</b> 0031 1.13		<b>28</b> 0020 1.02		<b>13</b> 0620 0.33		<b>28</b> 0559 0.48		<b>13</b> 0004 1.27		<b>28</b> 0611 0.40	
1044 1.36		0511 0.66		0627 0.45		0620 0.56		1229 1.17		1207 1.01		0711 0.26		1241 1.00	
MO 1744 0.17		TU 1113 1.15		TH 1230 1.23		FR 1217 1.03		FR 1837 0.41		SA 1750 0.60		MO 1342 1.03		TU 1747 0.75	
		1808 0.37		1902 0.29		1831 0.51						1858 0.68		2347 1.20	
<b>14</b> 0013 1.05		<b>29</b> 0038 0.97		<b>14</b> 0122 1.16		<b>29</b> 0056 1.05		<b>14</b> 0047 1.23		<b>29</b> 0005 1.12		<b>14</b> 0058 1.22		<b>29</b> 0700 0.39	
0532 0.60		0558 0.65		0732 0.42		0709 0.54		0724 0.31		0645 0.47		0810 0.30		1334 1.00	
TU 1138 1.33		WE 1152 1.11		FR 1332 1.13		SA 1303 0.99		SA 1334 1.09		SU 1255 0.98		TU 1448 1.00		WE 1839 0.76	
1835 0.18		1842 0.40		1953 0.37		1907 0.55		1929 0.50		1829 0.64		1954 0.72			
<b>15</b> 0104 1.07		<b>30</b> 0114 0.98		<b>15</b> 0213 1.18				<b>15</b> 0139 1.23		<b>30</b> 0043 1.13		<b>15</b> 0154 1.17		<b>30</b> 0038 1.19	
0634 0.57		0645 0.64		0838 0.40				0828 0.31		0734 0.46		0907 0.35		0752 0.37	
WE 1234 1.26		TH 1234 1.05		SA 1439 1.04				SU 1443 1.02		MO 1346 0.96		WE 1550 0.99		TH 1429 1.01	
1926 0.22		1916 0.44		2044 0.45				2021 0.57		1912 0.68		☉ 2054 0.73		1936 0.74	
		<b>31</b> 0150 1.01						<b>31</b> 0124 1.13							
		0737 0.62						0825 0.44							
		FR 1320 1.00						TU 1444 0.95							
		1953 0.48						2000 0.70							

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Datum of Predictions is Lowest Astronomical Tide

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

# SPRING BAY – TASMANIA

LAT 42° 33' S LONG 147° 56' E

Times and Heights of High and Low Waters

# 2020

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> 0136	1.18	<b>16</b> 0308	1.05	<b>1</b> 0331	1.16	<b>16</b> 0415	0.97	<b>1</b> 0437	1.06	<b>16</b> 0444	0.94	<b>1</b> 0033	0.32	<b>16</b> 0613	0.98
0845	0.36	0953	0.48	0959	0.38	1009	0.58	1020	0.52	1001	0.66	0651	1.00	1104	0.69
FR 1521	1.04	SA 1634	1.05	MO 1629	1.21	TU 1648	1.16	WE 1649	1.32	TH 1638	1.23	SA 1145	0.68	SU 1732	1.30
☾ 2038	0.71	2222	0.71	2242	0.54	2330	0.60	2344	0.40	2344	0.51	1813	1.35		
<b>2</b> 0241	1.19	<b>17</b> 0401	1.02	<b>2</b> 0439	1.14	<b>17</b> 0513	0.97	<b>2</b> 0548	1.05	<b>17</b> 0545	0.96	<b>2</b> 0124	0.30	<b>17</b> 0040	0.35
0937	0.34	1030	0.51	1047	0.42	1045	0.62	1110	0.58	1044	0.69	0744	1.01	0700	1.01
SA 1611	1.07	SU 1709	1.07	TU 1716	1.26	WE 1725	1.20	TH 1740	1.36	FR 1720	1.27	SU 1239	0.70	MO 1156	0.68
2143	0.65	2314	0.66	2346	0.44	2346	0.44					1902	1.35	1822	1.34
<b>3</b> 0345	1.20	<b>18</b> 0454	1.01	<b>3</b> 0547	1.12	<b>18</b> 0015	0.54	<b>3</b> 0043	0.33	<b>18</b> 0029	0.45	<b>3</b> 0211	0.30	<b>18</b> 0126	0.30
1029	0.32	1104	0.54	1138	0.48	0609	0.97	0654	1.04	0640	0.98	0832	1.02	0746	1.04
SU 1700	1.12	MO 1743	1.10	WE 1805	1.32	TH 1122	0.66	FR 1201	0.64	SA 1128	0.71	MO 1330	0.70	TU 1250	0.65
2247	0.58	2359	0.62	1801	1.24	1801	1.24	1830	1.39	1803	1.31	1950	1.33	1914	1.38
<b>4</b> 0450	1.21	<b>19</b> 0545	1.00	<b>4</b> 0048	0.36	<b>19</b> 0059	0.49	<b>4</b> 0138	0.28	<b>19</b> 0113	0.39	<b>4</b> 0255	0.32	<b>19</b> 0213	0.26
1120	0.33	1138	0.56	0656	1.11	0702	0.98	0756	1.04	0730	1.00	0917	1.02	0832	1.07
MO 1747	1.18	TU 1815	1.13	TH 1230	0.54	FR 1201	0.69	SA 1256	0.69	SU 1215	0.72	TU 1422	0.71	WE 1347	0.62
2350	0.49			1855	1.37	1839	1.28	1921	1.40	1848	1.35	☾ 2036	1.30	☾ 2007	1.39
<b>5</b> 0554	1.20	<b>20</b> 0042	0.56	<b>5</b> 0147	0.28	<b>20</b> 0141	0.43	<b>5</b> 0230	0.26	<b>20</b> 0157	0.34	<b>5</b> 0337	0.34	<b>20</b> 0300	0.24
1211	0.36	0635	1.00	0801	1.10	0754	1.00	0854	1.05	0817	1.02	1001	1.03	0920	1.11
TU 1836	1.24	WE 1213	0.60	FR 1324	0.61	SA 1245	0.73	SU 1352	0.72	MO 1307	0.73	WE 1512	0.70	TH 1447	0.58
		1848	1.17	1945	1.40	1919	1.31	☾ 2011	1.40	1935	1.38	2119	1.25	2102	1.38
<b>6</b> 0052	0.40	<b>21</b> 0124	0.51	<b>6</b> 0245	0.24	<b>21</b> 0223	0.39	<b>6</b> 0320	0.26	<b>21</b> 0242	0.30	<b>6</b> 0416	0.38	<b>21</b> 0348	0.24
0700	1.19	0725	1.00	0906	1.09	0844	1.02	0949	1.05	0905	1.05	1043	1.03	1008	1.14
WE 1303	0.41	TH 1249	0.64	SA 1420	0.67	SU 1333	0.75	MO 1447	0.74	TU 1403	0.72	TH 1601	0.70	FR 1549	0.53
1924	1.30	1921	1.21	☾ 2034	1.41	☾ 2000	1.34	2059	1.37	☾ 2024	1.40	2201	1.20	2200	1.34
<b>7</b> 0154	0.32	<b>22</b> 0205	0.47	<b>7</b> 0340	0.22	<b>22</b> 0307	0.35	<b>7</b> 0408	0.29	<b>22</b> 0328	0.27	<b>7</b> 0453	0.42	<b>22</b> 0438	0.28
0806	1.17	0815	1.00	1010	1.08	0933	1.03	1042	1.05	0954	1.07	1121	1.04	1058	1.18
TH 1357	0.48	FR 1329	0.68	SU 1517	0.72	MO 1427	0.77	TU 1542	0.76	WE 1501	0.70	FR 1649	0.69	SA 1654	0.49
☾ 2013	1.34	1956	1.24	2123	1.40	2045	1.36	2144	1.32	2115	1.40	2243	1.15	2259	1.27
<b>8</b> 0255	0.25	<b>23</b> 0247	0.43	<b>8</b> 0433	0.23	<b>23</b> 0352	0.32	<b>8</b> 0454	0.33	<b>23</b> 0415	0.26	<b>8</b> 0527	0.46	<b>23</b> 0528	0.34
0913	1.14	0905	1.01	1110	1.08	1024	1.05	1130	1.05	1044	1.10	1158	1.06	1146	1.21
FR 1452	0.55	SA 1411	0.72	MO 1613	0.75	TU 1521	0.77	WE 1633	0.76	TH 1600	0.67	SA 1738	0.67	SU 1759	0.45
2102	1.37	☾ 2033	1.27	2211	1.36	2131	1.37	2229	1.26	2208	1.37	2326	1.09		
<b>9</b> 0356	0.21	<b>24</b> 0330	0.39	<b>9</b> 0525	0.27	<b>24</b> 0439	0.31	<b>9</b> 0536	0.38	<b>24</b> 0504	0.27	<b>9</b> 0600	0.51	<b>24</b> 0000	1.19
1018	1.12	0956	1.02	1206	1.07	1115	1.07	1213	1.05	1133	1.13	1233	1.08	0618	0.41
SA 1547	0.62	SU 1458	0.75	TU 1707	0.77	WE 1616	0.76	TH 1724	0.76	FR 1701	0.64	SU 1830	0.66	MO 1237	1.24
2151	1.37	2112	1.29	2259	1.29	2219	1.35	2312	1.20	2303	1.32	1904	0.42	1904	0.42
<b>10</b> 0454	0.21	<b>25</b> 0415	0.37	<b>10</b> 0615	0.33	<b>25</b> 0528	0.30	<b>10</b> 0615	0.43	<b>25</b> 0553	0.30	<b>10</b> 0012	1.03	<b>25</b> 0108	1.10
1125	1.10	1046	1.03	1257	1.06	1204	1.09	1253	1.06	1222	1.16	0636	0.55	0709	0.50
SU 1643	0.68	MO 1546	0.77	WE 1759	0.78	TH 1713	0.74	FR 1814	0.75	SA 1805	0.60	MO 1309	1.10	TU 1328	1.26
2241	1.34	2153	1.29	2346	1.22	2311	1.32	2356	1.13			1922	0.63	2012	0.39
<b>11</b> 0551	0.23	<b>26</b> 0501	0.36	<b>11</b> 0700	0.38	<b>26</b> 0617	0.31	<b>11</b> 0653	0.47	<b>26</b> 0001	1.25	<b>11</b> 0104	0.98	<b>26</b> 0220	1.03
1228	1.08	1137	1.04	1342	1.06	1253	1.11	1330	1.07	0643	0.35	0714	0.59	0801	0.57
MO 1736	0.73	TU 1637	0.78	TH 1851	0.78	FR 1812	0.71	SA 1905	0.73	SU 1310	1.19	TU 1346	1.13	WE 1420	1.26
2330	1.29	2237	1.29							1911	0.56	2018	0.61	☾ 2120	0.37
<b>12</b> 0646	0.28	<b>27</b> 0549	0.35	<b>12</b> 0035	1.15	<b>27</b> 0007	1.27	<b>12</b> 0043	1.06	<b>27</b> 0105	1.16	<b>12</b> 0205	0.95	<b>27</b> 0336	0.99
1328	1.06	1228	1.05	0743	0.44	0707	0.33	0729	0.51	0732	0.41	0755	0.63	0856	0.63
TU 1830	0.75	WE 1729	0.77	FR 1423	1.06	SA 1340	1.14	SU 1405	1.09	MO 1358	1.23	WE 1427	1.15	TH 1515	1.27
		2325	1.27	1945	0.77	1915	0.67	2000	0.71	☾ 2018	0.52	☾ 2115	0.57	2227	0.35
<b>13</b> 0023	1.23	<b>28</b> 0639	0.34	<b>13</b> 0126	1.08	<b>28</b> 0108	1.21	<b>13</b> 0136	1.01	<b>28</b> 0214	1.08	<b>13</b> 0311	0.93	<b>28</b> 0450	0.97
0739	0.34	1318	1.06	0822	0.48	0756	0.36	0804	0.55	0821	0.48	0840	0.66	0950	0.66
WE 1423	1.04	TH 1823	0.76	SA 1500	1.07	SU 1427	1.18	MO 1442	1.12	TU 1446	1.26	TH 1511	1.18	FR 1611	1.27
1926	0.77			☾ 2043	0.75	☾ 2022	0.62	☾ 2059	0.68	2128	0.47	2213	0.52	2325	0.34
<b>14</b> 0116	1.16	<b>29</b> 0017	1.24	<b>14</b> 0220	1.03	<b>29</b> 0215	1.15	<b>14</b> 0235	0.97	<b>29</b> 0328	1.03	<b>14</b> 0418	0.93	<b>29</b> 0550	0.98
0829	0.39	0729	0.34	0858	0.52	0844	0.41	0842	0.59	0911	0.55	0927	0.69	1045	0.67
TH 1512	1.03	FR 1407	1.08	SU 1537	1.09	MO 1513	1.22	TU 1519	1.15	WE 1536	1.29	FR 1557	1.22	SA 1705	1.26
2024	0.76	1923	0.73	2142	0.71	2130	0.56	2158	0.63	2236	0.41	2305	0.47		
<b>15</b> 0213	1.10	<b>30</b> 0117	1.21	<b>15</b> 0316	0.99	<b>30</b> 0325	1.10	<b>15</b> 0339	0.95	<b>30</b> 0444	1.00	<b>15</b> 0520	0.95	<b>30</b> 0015	0.33
0914	0.44	0819	0.34	0933	0.55	0932	0.46	0921	0.62	1001	0.61	1015	0.70	0639	0.99
FR 1556	1.03	SA 1455	1.11	MO 1613	1.12	TU 1600	1.27	WE 1558	1.19	TH 1628	1.32	SA 1645	1.26	SU 1139	0.67
☾ 2124	0.74	☾ 2028	0.69	2239	0.66	2239	0.48	2254	0.57	2338	0.36	2354	0.41	SU 1758	1.26
		<b>31</b> 0224	1.18					<b>31</b> 0552	1.00			<b>31</b> 0101	0.34		
		0909	0.35					1053	0.65			0722	1.00		
		SU 1542	1.15					FR 1721	1.34			MO 1229	0.66		
		2135	0.62									1846	1.25		

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Datum of Predictions is Lowest Astronomical Tide

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

# SPRING BAY – TASMANIA

LAT 42° 33' S LONG 147° 56' E

Times and Heights of High and Low Waters

# 2020

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>	0144 0.35	<b>16</b>	0052 0.27	<b>1</b>	0140 0.44	<b>16</b>	0204 0.29	<b>1</b>	0256 0.58	<b>16</b>	0315 0.51	<b>1</b>	0249 0.67	<b>16</b>	0345 0.64
	0801 1.01		0713 1.07		0759 1.03		0823 1.19		0918 1.13		0930 1.36		0915 1.22		0957 1.38
TU	1316 0.65	WE	1238 0.55	TH	1347 0.56	FR	1429 0.37	SU	1554 0.42	MO	1623 0.14	TU	1615 0.33	WE	1706 0.12
	1931 1.22		1855 1.33		1955 1.09		2042 1.23	○	2208 0.98		2246 1.09		2240 0.96		2340 1.03
<b>2</b>	0222 0.37	<b>17</b>	0140 0.25	<b>2</b>	0214 0.47	<b>17</b>	0255 0.33	<b>2</b>	0333 0.62	<b>17</b>	0413 0.58	<b>2</b>	0336 0.70	<b>17</b>	0445 0.66
	0840 1.02		0759 1.12		0831 1.05		0911 1.24		0951 1.16		1020 1.37		0954 1.23		1048 1.35
WE	1402 0.63	TH	1336 0.49	FR	1430 0.53	SA	1530 0.29	MO	1636 0.39	TU	1722 0.12	WE	1658 0.32	TH	1800 0.15
○	2015 1.19	●	1953 1.33	○	2038 1.06	●	2145 1.21		2256 0.98		2353 1.07		2329 0.96		
<b>3</b>	0259 0.40	<b>18</b>	0229 0.25	<b>3</b>	0245 0.50	<b>18</b>	0347 0.39	<b>3</b>	0413 0.65	<b>18</b>	0511 0.63	<b>3</b>	0424 0.72	<b>18</b>	0038 1.02
	0916 1.03		0845 1.16		0903 1.07		1000 1.29		1027 1.18		1112 1.36		1034 1.24		0543 0.68
TH	1448 0.62	FR	1438 0.43	SA	1513 0.50	SU	1632 0.23	TU	1719 0.37	WE	1820 0.13	TH	1741 0.30	FR	1140 1.29
	2057 1.16		2052 1.31		2122 1.04		2250 1.17		2344 0.98						1852 0.21
<b>4</b>	0333 0.43	<b>19</b>	0319 0.29	<b>4</b>	0419 0.54	<b>19</b>	0441 0.46	<b>4</b>	0456 0.69	<b>19</b>	0058 1.05	<b>4</b>	0017 0.97	<b>19</b>	0131 1.02
	0952 1.04		0933 1.21		1036 1.10		1049 1.32		1103 1.19		0608 0.66		0514 0.72		0638 0.68
FR	1534 0.60	SA	1541 0.37	SU	1657 0.48	MO	1735 0.19	WE	1803 0.36	TH	1204 1.31	FR	1115 1.23	SA	1230 1.22
	2139 1.12		2154 1.26		2308 1.02		2356 1.12				1917 0.17		1826 0.30		1941 0.27
<b>5</b>	0406 0.47	<b>20</b>	0410 0.35	<b>5</b>	0454 0.58	<b>20</b>	0536 0.54	<b>5</b>	0033 0.97	<b>20</b>	0159 1.04	<b>5</b>	0105 0.98	<b>20</b>	0219 1.01
	1027 1.05		1022 1.25		1109 1.12		1140 1.32		0540 0.71		0705 0.68		0603 0.72		0732 0.68
SA	1620 0.58	SU	1645 0.32	MO	1742 0.46	TU	1837 0.18	TH	1143 1.18	FR	1258 1.24	SA	1200 1.21	SU	1320 1.13
	2222 1.08		2257 1.19		2355 1.00				1849 0.36		2013 0.24		1913 0.30		2026 0.34
<b>6</b>	0439 0.51	<b>21</b>	0501 0.43	<b>6</b>	0530 0.62	<b>21</b>	0104 1.08	<b>6</b>	0123 0.97	<b>21</b>	0255 1.02	<b>6</b>	0153 0.99	<b>21</b>	0301 1.01
	1100 1.08		1112 1.27		1144 1.14		0631 0.60		0628 0.73		0802 0.69		0655 0.71		0828 0.67
SU	1708 0.57	MO	1750 0.29	TU	1829 0.44	WE	1232 1.30	FR	1225 1.17	SA	1354 1.16	SU	1248 1.18	MO	1411 1.04
	2306 1.04						1938 0.19		1937 0.36		2105 0.30		2000 0.30		2106 0.40
<b>7</b>	0512 0.55	<b>22</b>	0003 1.12	<b>7</b>	0043 0.98	<b>22</b>	0212 1.05	<b>7</b>	0215 0.97	<b>22</b>	0345 1.01	<b>7</b>	0239 1.01	<b>22</b>	0342 1.01
	1135 1.10		0554 0.51		0611 0.66		0729 0.65		0717 0.73		0901 0.69		0750 0.68		0925 0.66
MO	1757 0.55	TU	1203 1.28	WE	1221 1.14	TH	1327 1.26	SA	1312 1.15	SU	1451 1.08	MO	1343 1.15	TU	1504 0.97
	2354 1.00		1854 0.28		1916 0.44		2039 0.23		2027 0.35		● 2153 0.36		2048 0.30		● 2143 0.45
<b>8</b>	0548 0.60	<b>23</b>	0113 1.06	<b>8</b>	0134 0.96	<b>23</b>	0317 1.02	<b>8</b>	0305 0.98	<b>23</b>	0430 1.01	<b>8</b>	0324 1.04	<b>23</b>	0418 1.03
	1212 1.11		0648 0.58		0655 0.69		0827 0.68		0811 0.72		1003 0.67		0851 0.64		1025 0.63
TU	1847 0.53	WE	1257 1.26	TH	1302 1.14	FR	1426 1.20	SU	1406 1.14	MO	1549 1.02	TU	1445 1.12	WE	1600 0.91
			1959 0.29		2006 0.43	●	2139 0.28	●	2117 0.34		2235 0.42	●	2136 0.31		2217 0.49
<b>9</b>	0046 0.97	<b>24</b>	0225 1.01	<b>9</b>	0230 0.95	<b>24</b>	0419 1.00	<b>9</b>	0355 1.00	<b>24</b>	0511 1.02	<b>9</b>	0409 1.08	<b>24</b>	0454 1.06
	0629 0.64		0745 0.64		0744 0.71		0928 0.69		0910 0.69		1104 0.64		0957 0.59		1124 0.59
WE	1251 1.13	TH	1354 1.24	FR	1348 1.13	SA	1526 1.14	MO	1509 1.13	TU	1645 0.97	WE	1552 1.08	TH	1700 0.88
	1940 0.52	●	2104 0.30		2059 0.42		2234 0.33		2208 0.32		2313 0.46		2225 0.33		2251 0.53
<b>10</b>	0145 0.94	<b>25</b>	0337 0.99	<b>10</b>	0328 0.95	<b>25</b>	0513 1.00	<b>10</b>	0442 1.03	<b>25</b>	0547 1.03	<b>10</b>	0454 1.13	<b>25</b>	0530 1.09
	0715 0.67		0844 0.67		0837 0.72		1030 0.68		1012 0.63		1200 0.60		1104 0.51		1218 0.54
TH	1336 1.14	FR	1453 1.21	SA	1442 1.13	SU	1627 1.09	TU	1614 1.13	WE	1741 0.94	TH	1701 1.06	FR	1800 0.87
●	2035 0.50		2206 0.32	●	2151 0.40		2323 0.38		2258 0.31		2345 0.49		2313 0.37		2328 0.56
<b>11</b>	0248 0.93	<b>26</b>	0441 0.98	<b>11</b>	0425 0.96	<b>26</b>	0557 1.00	<b>11</b>	0528 1.08	<b>26</b>	0623 1.06	<b>11</b>	0541 1.19	<b>26</b>	0607 1.12
	0806 0.70		0945 0.68		0933 0.70		1130 0.65		1115 0.56		1248 0.55		1211 0.41		1305 0.48
FR	1425 1.15	SA	1552 1.18	SU	1541 1.15	MO	1724 1.06	WE	1717 1.14	TH	1833 0.93	FR	1812 1.04	SA	1900 0.88
	2130 0.46		2300 0.35		2244 0.36				2346 0.31						
<b>12</b>	0353 0.94	<b>27</b>	0531 0.98	<b>12</b>	0517 0.99	<b>27</b>	0005 0.42	<b>12</b>	0615 1.13	<b>27</b>	0018 0.52	<b>12</b>	0001 0.42	<b>27</b>	0004 0.60
	0859 0.70		1042 0.66		1031 0.67		0635 1.01		1218 0.47		0656 1.09		0630 1.26		0645 1.16
SA	1517 1.18	SU	1649 1.16	MO	1641 1.17	TU	1222 0.61	TH	1822 1.14	FR	1331 0.50	SA	1315 0.31	SU	1349 0.43
	2224 0.42		2346 0.37		2335 0.32		1815 1.03				1924 0.92		1922 1.03		1954 0.89
<b>13</b>	0451 0.96	<b>28</b>	0613 0.99	<b>13</b>	0605 1.03	<b>28</b>	0042 0.45	<b>13</b>	0036 0.33	<b>28</b>	0052 0.56	<b>13</b>	0053 0.48	<b>28</b>	0045 0.64
	0952 0.69		1134 0.64		1130 0.61		0710 1.03		0701 1.20		0730 1.12		0721 1.32		0724 1.20
SU	1612 1.22	MO	1741 1.15	TU	1740 1.21	WE	1309 0.57	FR	1320 0.37	SA	1413 0.45	SU	1416 0.22	MO	1430 0.38
	2315 0.36						1903 1.01		1928 1.14		2015 0.93		2030 1.03		2044 0.91
<b>14</b>	0542 0.99	<b>29</b>	0028 0.39	<b>14</b>	0025 0.29	<b>29</b>	0115 0.47	<b>14</b>	0127 0.38	<b>29</b>	0128 0.60	<b>14</b>	0147 0.54	<b>29</b>	0127 0.67
	1046 0.66		0650 1.01		0651 1.08		0744 1.05		0750 1.26		0803 1.16		0813 1.36		0804 1.23
MO	1705 1.26	TU	1221 0.61	WE	1229 0.54	TH	1351 0.53	SA	1422 0.28	SU	1453 0.40	MO	1515 0.16	TU	1512 0.34
			1828 1.13		1839 1.23		1949 1.00		2034 1.12		2103 0.94		2134 1.03		2131 0.93
<b>15</b>	0004 0.31	<b>30</b>	0105 0.41	<b>15</b>	0114 0.28	<b>30</b>	0148 0.50	<b>15</b>	0220 0.44	<b>30</b>	0207 0.64	<b>15</b>	0245 0.60	<b>30</b>	0214 0.69
	0628 1.03		0725 1.02		0737 1.13		0815 1.08		0839 1.32		0838 1.19		0905 1.38		0845 1.26
TU	1141 0.61	WE	1305 0.58	TH	1328 0.45	FR	1431 0.49	SU	1523 0.20	MO	1534 0.36	TU	1612 0.12	WE	1553 0.30
	1800 1.30		1912 1.11		1939 1.24		2034 0.99	●	2140 1.11	○	2152 0.95	●	2238 1.03	○	2217 0.94
				<b>31</b>	0221 0.54									<b>31</b>	0303 0.70
					0846 1.10										0928 1.28
					SA 1513 0.45										TH 1635 0.28
					2121 0.99										2303 0.96

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