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# KING ISLAND (GRASSY) – TASMANIA

LAT 40° 3' S LONG 144° 5' E

Times and Heights of High and Low Waters

# 2019

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> 0039	0.72	<b>16</b> 0008	0.73	<b>1</b> 0426	0.84	<b>16</b> 0136	0.91	<b>1</b> 0127	0.72	<b>16</b> 0015	0.76	<b>1</b> 0347	0.75	<b>16</b> 0100	0.80
0731	1.25	0630	1.22	0835	1.00	0654	1.16	0659	1.04	0548	1.18	0850	0.91	0656	1.12
TU 1400	0.39	WE 1239	0.46	FR 1515	0.39	SA 1321	0.37	FR 1303	0.33	SA 1156	0.30	MO 1447	0.61	TU 1235	0.59
2105	1.21	2022	1.21	2301	1.30	2151	1.37	2058	1.23	2005	1.36	2217	1.18	2044	1.31
<b>2</b> 0310	0.83	<b>17</b> 0106	0.85	<b>2</b> 0612	0.82	<b>17</b> 0313	0.98	<b>2</b> 0313	0.79	<b>17</b> 0104	0.84	<b>2</b> 0534	0.74	<b>17</b> 0238	0.79
0824	1.15	0701	1.17	0945	0.94	0759	1.13	0757	0.95	0632	1.16	1020	0.94	0845	1.15
WE 1504	0.39	TH 1316	0.45	SA 1631	0.42	SU 1431	0.41	SA 1410	0.43	SU 1247	0.37	TU 1647	0.65	WE 1441	0.70
2225	1.29	2127	1.29	2302	1.44	2302	1.44	2208	1.22	2112	1.35	2326	1.20	2155	1.31
<b>3</b> 0509	0.86	<b>18</b> 0247	0.95	<b>3</b> 0010	1.37	<b>18</b> 0517	0.98	<b>3</b> 0520	0.79	<b>18</b> 0218	0.91	<b>3</b> 0629	0.71	<b>18</b> 0414	0.71
0924	1.07	0745	1.14	0712	0.77	0930	1.13	0913	0.91	0741	1.13	1145	1.04	1030	1.27
TH 1611	0.39	FR 1411	0.44	SU 1105	0.95	MO 1556	0.43	SU 1545	0.51	MO 1358	0.47	WE 1809	0.64	TH 1716	0.69
2340	1.39	2233	1.40	1742	0.42	1742	0.42	2323	1.25	2224	1.36	2301	1.32	2301	1.32
<b>4</b> 0635	0.82	<b>19</b> 0440	1.00	<b>4</b> 0100	1.44	<b>19</b> 0011	1.52	<b>4</b> 0640	0.75	<b>19</b> 0410	0.91	<b>4</b> 0020	1.25	<b>19</b> 0522	0.58
1030	1.02	0850	1.13	0749	0.72	0646	0.90	1040	0.92	0924	1.12	0659	0.66	1148	1.44
FR 1713	0.37	SA 1517	0.42	MO 1217	1.00	TU 1103	1.17	MO 1720	0.53	TU 1537	0.55	TH 1242	1.17	FR 1828	0.64
		2338	1.52	1835	0.41	1724	0.42			2337	1.40	1900	0.60	○ 2356	1.35
<b>5</b> 0040	1.49	<b>20</b> 0615	0.97	<b>5</b> 0138	1.50	<b>20</b> 0107	1.59	<b>5</b> 0026	1.31	<b>20</b> 0603	0.83	<b>5</b> 0058	1.30	<b>20</b> 0609	0.44
0729	0.76	1005	1.14	0815	0.67	0737	0.78	0720	0.71	1112	1.19	0723	0.60	1245	1.59
SA 1139	1.02	SU 1627	0.38	TU 1309	1.07	WE 1231	1.26	TU 1204	0.99	WE 1745	0.56	FR 1322	1.31	SA 1918	0.59
1804	0.35	● 1915	0.38	○ 1853	0.39	● 1915	0.38	1827	0.51	● 1941	0.56	● 1941	0.56		
<b>6</b> 0124	1.57	<b>21</b> 0037	1.63	<b>6</b> 0209	1.53	<b>21</b> 0155	1.64	<b>6</b> 0109	1.37	<b>21</b> 0040	1.45	<b>6</b> 0130	1.33	<b>21</b> 0041	1.36
0806	0.71	0716	0.91	0836	0.61	0818	0.63	0745	0.66	0704	0.70	0746	0.52	0645	0.32
SU 1237	1.06	MO 1119	1.19	WE 1347	1.14	TH 1343	1.36	WE 1259	1.10	TH 1243	1.33	SA 1358	1.44	SU 1330	1.70
● 1845	0.32	○ 1734	0.34	1950	0.35	2001	0.35	1911	0.47	○ 1919	0.51	2017	0.53	2000	0.55
<b>7</b> 0200	1.62	<b>22</b> 0129	1.72	<b>7</b> 0236	1.55	<b>22</b> 0236	1.66	<b>7</b> 0141	1.41	<b>22</b> 0130	1.50	<b>7</b> 0159	1.35	<b>22</b> 0118	1.35
0834	0.67	0801	0.81	0857	0.55	0855	0.49	0806	0.61	0747	0.54	0711	0.44	0715	0.21
MO 1321	1.10	TU 1231	1.25	TH 1424	1.20	FR 1441	1.44	TH 1338	1.20	FR 1347	1.47	SU 1334	1.54	MO 1412	1.74
1920	0.30	1840	0.29	2025	0.33	2051	0.34	● 1948	0.44	2015	0.46	1954	0.52	2034	0.53
<b>8</b> 0230	1.64	<b>23</b> 0214	1.77	<b>8</b> 0303	1.54	<b>23</b> 0315	1.63	<b>8</b> 0208	1.44	<b>23</b> 0211	1.51	<b>8</b> 0128	1.35	<b>23</b> 0153	1.32
0856	0.62	0841	0.70	0922	0.48	0928	0.36	0828	0.53	0823	0.39	0734	0.37	0744	0.15
TU 1358	1.14	WE 1338	1.32	FR 1501	1.23	SA 1532	1.48	FR 1414	1.29	SA 1439	1.57	MO 1411	1.61	TU 1450	1.72
1953	0.28	1940	0.26	2100	0.34	2134	0.36	2024	0.42	2100	0.44	2030	0.52	2105	0.51
<b>9</b> 0258	1.63	<b>24</b> 0256	1.78	<b>9</b> 0332	1.51	<b>24</b> 0350	1.56	<b>9</b> 0235	1.45	<b>24</b> 0248	1.49	<b>9</b> 0157	1.33	<b>24</b> 0227	1.28
0917	0.57	0918	0.58	0949	0.43	0959	0.25	0852	0.46	0854	0.26	0756	0.31	0815	0.13
WE 1433	1.16	TH 1437	1.36	SA 1541	1.25	SU 1622	1.48	SA 1450	1.37	SU 1525	1.62	TU 1448	1.63	WE 1527	1.66
2027	0.27	2032	0.27	2136	0.37	2213	0.41	2100	0.41	2139	0.44	2106	0.54	2132	0.51
<b>10</b> 0327	1.60	<b>25</b> 0336	1.73	<b>10</b> 0401	1.46	<b>25</b> 0425	1.47	<b>10</b> 0303	1.44	<b>25</b> 0323	1.44	<b>10</b> 0225	1.29	<b>25</b> 0300	1.21
0943	0.51	0955	0.47	1018	0.39	1030	0.18	0917	0.39	0922	0.17	0816	0.27	0847	0.16
TH 1511	1.17	FR 1532	1.37	SU 1623	1.25	MO 1712	1.44	SU 1528	1.41	MO 1608	1.62	WE 1528	1.62	TH 1604	1.57
2102	0.29	2119	0.30	2211	0.43	2251	0.47	2135	0.43	2214	0.46	2140	0.58	2202	0.51
<b>11</b> 0357	1.56	<b>26</b> 0415	1.66	<b>11</b> 0430	1.40	<b>26</b> 0500	1.36	<b>11</b> 0331	1.40	<b>26</b> 0356	1.37	<b>11</b> 0253	1.25	<b>26</b> 0339	1.14
1014	0.47	1030	0.38	1044	0.37	1101	0.16	0941	0.35	0951	0.12	0841	0.25	0922	0.22
FR 1551	1.15	SA 1628	1.35	MO 1707	1.25	TU 1803	1.38	MO 1607	1.44	TU 1651	1.57	TH 1609	1.59	FR 1644	1.47
2138	0.34	2202	0.37	2245	0.51	● 2331	0.55	2210	0.47	2245	0.49	2209	0.62	2239	0.53
<b>12</b> 0429	1.50	<b>27</b> 0453	1.55	<b>12</b> 0458	1.32	<b>27</b> 0535	1.25	<b>12</b> 0359	1.34	<b>27</b> 0430	1.28	<b>12</b> 0322	1.22	<b>27</b> 0421	1.06
1047	0.45	1104	0.31	1104	0.36	1136	0.18	1001	0.31	1023	0.12	0912	0.24	1000	0.31
SA 1635	1.13	SU 1725	1.32	TU 1754	1.26	WE 1857	1.32	TU 1647	1.44	WE 1734	1.49	FR 1652	1.54	SA 1728	1.37
2214	0.41	2246	0.46	2317	0.60			2244	0.53	2319	0.52	2234	0.67	● 2323	0.57
<b>13</b> 0502	1.43	<b>28</b> 0530	1.44	<b>13</b> 0522	1.26	<b>28</b> 0019	0.63	<b>13</b> 0424	1.28	<b>28</b> 0505	1.19	<b>13</b> 0357	1.19	<b>28</b> 0511	0.99
1120	0.45	1140	0.26	1124	0.35	0614	1.14	1019	0.28	1057	0.17	0948	0.27	1039	0.43
SU 1725	1.11	MO 1825	1.28	WE 1845	1.27	TH 1215	0.24	WE 1730	1.43	TH 1820	1.40	SA 1740	1.47	SU 1816	1.28
2249	0.50	● 2334	0.58	● 2352	0.70	1955	1.26	2313	0.60	● 2359	0.57	● 2306	0.72		
<b>14</b> 0534	1.35	<b>29</b> 0609	1.32	<b>14</b> 0545	1.21	<b>14</b> 0545	1.21	<b>14</b> 0448	1.23	<b>29</b> 0545	1.09	<b>14</b> 0437	1.17	<b>29</b> 0022	0.62
1150	0.46	1219	0.26	1151	0.34	1194	1.30	1044	0.27	1134	0.26	1031	0.34	0615	0.94
MO 1819	1.12	TU 1928	1.25	TH 1941	1.30			TH 1815	1.41	FR 1910	1.31	SU 1833	1.41	MO 1126	0.56
● 2326	0.61							● 2341	0.68			2351	0.77	1912	1.21
<b>15</b> 0604	1.28	<b>30</b> 0035	0.70	<b>15</b> 0034	0.81	<b>15</b> 0034	0.81	<b>15</b> 0515	1.20	<b>30</b> 0049	0.64	<b>15</b> 0531	1.14	<b>30</b> 0139	0.67
1214	0.46	0649	1.20	0614	1.18	0614	1.18	1115	0.27	0630	1.01	1123	0.45	0735	0.94
TU 1919	1.15	WE 1305	0.29	FR 1229	0.34	2043	1.33	FR 1906	1.39	SA 1216	0.37	MO 1935	1.35	TU 1245	0.69
		2035	1.24	2043	1.33					2006	1.23			2011	1.17
		<b>31</b> 0223	0.80					<b>31</b> 0202	0.70						
		0737	1.08					0731	0.94						
		TH 1403	0.34					SU 1311	0.50						
		2145	1.26					2108	1.19						

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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

# KING ISLAND (GRASSY) – TASMANIA

LAT 40° 3' S LONG 144° 5' E

Times and Heights of High and Low Waters

# 2019

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> 0259 0.69		<b>16</b> 0216 0.62		<b>1</b> 0327 0.58		<b>16</b> 0355 0.35		<b>1</b> 0250 0.44		<b>16</b> 0422 0.30		<b>1</b> 0400 0.31		<b>16</b> 0553 0.33	
0858 0.99		0905 1.22		1039 1.33		1130 1.55		1052 1.51		1200 1.56		1202 1.65		1252 1.48	
WE 1459 0.77		TH 1528 0.83		SA 1713 0.86		SU 1822 0.79		MO 1740 0.91		TU 1854 0.71		TH 1842 0.80		FR 1926 0.56	
2112 1.16		2107 1.23		2142 1.11		2230 1.07		2122 1.07		2302 0.97		● 2255 1.14			
<b>2</b> 0404 0.68		<b>17</b> 0331 0.55		<b>2</b> 0405 0.53		<b>17</b> 0448 0.30		<b>2</b> 0340 0.38		<b>17</b> 0514 0.28		<b>2</b> 0502 0.27		<b>17</b> 0034 1.05	
1016 1.11		1035 1.36		1128 1.50		1220 1.66		1142 1.64		1242 1.60		1248 1.71		0630 0.32	
TH 1638 0.77		FR 1723 0.80		SU 1808 0.83		MO 1907 0.72		TU 1829 0.86		WE 1927 0.65		FR 1921 0.70		SA 1320 1.49	
2208 1.17		2214 1.20		2230 1.13		○ 2330 1.08		2221 1.11		○ 2359 1.01				1945 0.49	
<b>3</b> 0448 0.65		<b>18</b> 0435 0.46		<b>3</b> 0442 0.46		<b>18</b> 0533 0.26		<b>3</b> 0430 0.32		<b>18</b> 0556 0.27		<b>3</b> 0004 1.21		<b>18</b> 0113 1.11	
1115 1.26		1144 1.53		1210 1.66		1300 1.73		1227 1.75		1315 1.62		0602 0.25		0703 0.31	
FR 1742 0.74		SA 1828 0.74		MO 1850 0.78		TU 1943 0.67		WE 1909 0.80		TH 1952 0.60		SA 1330 1.72		SU 1345 1.48	
2256 1.19		2315 1.20		● 2315 1.16				● 2319 1.16				1958 0.58		2006 0.42	
<b>4</b> 0521 0.59		<b>19</b> 0526 0.36		<b>4</b> 0517 0.38		<b>19</b> 0019 1.10		<b>4</b> 0520 0.26		<b>19</b> 0044 1.06		<b>4</b> 0108 1.27		<b>19</b> 0150 1.15	
1159 1.43		1235 1.68		1250 1.77		0611 0.23		1310 1.81		0632 0.26		0658 0.26		0739 0.32	
SA 1827 0.70		SU 1915 0.68		TU 1930 0.74		WE 1335 1.74		TH 1946 0.73		FR 1345 1.60		SU 1410 1.70		MO 1413 1.45	
2336 1.22		○				2011 0.62				2013 0.54		2034 0.46		2031 0.35	
<b>5</b> 0550 0.51		<b>20</b> 0005 1.21		<b>5</b> 0000 1.20		<b>20</b> 0100 1.12		<b>5</b> 0015 1.21		<b>20</b> 0122 1.09		<b>5</b> 0207 1.30		<b>20</b> 0229 1.17	
1236 1.58		0605 0.27		0554 0.30		0645 0.22		0609 0.23		0707 0.26		0748 0.29		0815 0.35	
SU 1906 0.67		MO 1317 1.76		WE 1330 1.84		TH 1407 1.71		FR 1351 1.82		SA 1413 1.57		MO 1448 1.63		TU 1440 1.40	
●		1953 0.63		2006 0.70		2034 0.56		2024 0.65		2034 0.47		2109 0.34		2100 0.31	
<b>6</b> 0012 1.25		<b>21</b> 0047 1.22		<b>6</b> 0043 1.23		<b>21</b> 0137 1.12		<b>6</b> 0111 1.24		<b>21</b> 0201 1.10		<b>6</b> 0304 1.31		<b>21</b> 0311 1.18	
0617 0.42		0639 0.21		0631 0.25		0720 0.22		0657 0.22		0744 0.28		0835 0.36		0853 0.40	
MO 1314 1.70		TU 1355 1.79		TH 1410 1.85		FR 1437 1.65		SA 1431 1.79		SU 1441 1.53		TU 1526 1.54		WE 1509 1.33	
1944 0.64		2025 0.59		2043 0.66		2057 0.51		2100 0.57		2101 0.41		2143 0.25		2129 0.28	
<b>7</b> 0045 1.26		<b>22</b> 0124 1.21		<b>7</b> 0126 1.24		<b>22</b> 0215 1.11		<b>7</b> 0206 1.24		<b>22</b> 0243 1.09		<b>7</b> 0402 1.30		<b>22</b> 0356 1.18	
0643 0.34		0710 0.18		0711 0.23		0756 0.25		0744 0.25		0820 0.32		0922 0.45		0931 0.48	
TU 1351 1.77		WE 1429 1.76		FR 1450 1.82		SA 1508 1.58		SU 1512 1.71		MO 1512 1.47		WE 1602 1.43		TH 1537 1.25	
2021 0.62		2051 0.56		2119 0.63		2125 0.46		2137 0.49		2133 0.37		2218 0.19		2153 0.27	
<b>8</b> 0119 1.27		<b>23</b> 0200 1.19		<b>8</b> 0211 1.23		<b>23</b> 0257 1.07		<b>8</b> 0303 1.23		<b>23</b> 0329 1.07		<b>8</b> 0503 1.27		<b>23</b> 0445 1.19	
0709 0.28		0743 0.17		0752 0.24		0833 0.30		0830 0.32		0859 0.39		1012 0.55		1011 0.57	
WE 1430 1.79		TH 1501 1.69		SA 1531 1.74		SU 1541 1.51		MO 1552 1.62		TU 1544 1.39		TH 1639 1.31		FR 1602 1.17	
2057 0.61		2115 0.52		2155 0.59		2200 0.44		2214 0.41		2208 0.35		● 2256 0.16		2215 0.27	
<b>9</b> 0152 1.26		<b>24</b> 0236 1.15		<b>9</b> 0300 1.21		<b>24</b> 0345 1.03		<b>9</b> 0404 1.21		<b>24</b> 0419 1.06		<b>9</b> 0606 1.26		<b>24</b> 0537 1.20	
0738 0.24		0817 0.21		0834 0.29		0912 0.38		0916 0.42		0939 0.47		1114 0.66		1050 0.67	
TH 1509 1.76		FR 1535 1.60		SU 1614 1.65		MO 1616 1.43		TU 1631 1.51		WE 1615 1.31		FR 1718 1.18		SA 1626 1.11	
2131 0.62		2145 0.50		2230 0.56		2239 0.43		● 2251 0.35		2241 0.35		2339 0.17		● 2238 0.27	
<b>10</b> 0228 1.24		<b>25</b> 0315 1.10		<b>10</b> 0355 1.18		<b>25</b> 0439 1.00		<b>10</b> 0512 1.19		<b>25</b> 0515 1.06		<b>10</b> 0711 1.25		<b>25</b> 0632 1.23	
0811 0.23		0854 0.27		0918 0.38		0951 0.48		1006 0.54		1020 0.58		1257 0.76		1136 0.77	
FR 1549 1.70		SA 1611 1.51		MO 1656 1.55		TU 1654 1.34		WE 1712 1.39		TH 1645 1.23		SA 1803 1.07		SU 1651 1.08	
2203 0.63		2219 0.49		● 2307 0.53		● 2321 0.44		2332 0.31		● 2310 0.36				2311 0.28	
<b>11</b> 0306 1.21		<b>26</b> 0401 1.04		<b>11</b> 0501 1.15		<b>26</b> 0542 1.00		<b>11</b> 0622 1.20		<b>26</b> 0614 1.10		<b>11</b> 0031 0.21		<b>26</b> 0730 1.26	
0848 0.26		0931 0.36		1006 0.50		1034 0.60		1106 0.68		1108 0.70		0817 1.26		1244 0.87	
SA 1632 1.62		SU 1649 1.42		TU 1741 1.44		WE 1731 1.26		TH 1753 1.27		FR 1713 1.15		SU 1449 0.80		MO 1727 1.06	
2233 0.64		2302 0.50		2352 0.50						2334 0.37		1859 0.97		2357 0.30	
<b>12</b> 0349 1.18		<b>27</b> 0455 0.99		<b>12</b> 0620 1.15		<b>27</b> 0003 0.47		<b>12</b> 0020 0.29		<b>27</b> 0714 1.16		<b>12</b> 0137 0.27		<b>27</b> 0832 1.31	
0930 0.32		1011 0.47		1102 0.65		0647 1.03		0734 1.23		1214 0.82		0929 1.29		1420 0.92	
SU 1717 1.53		MO 1733 1.33		WE 1828 1.34		TH 1128 0.73		FR 1310 0.81		SA 1739 1.10		MO 1637 0.79		TU 1824 1.04	
● 2307 0.65		● 2353 0.54				1810 1.19		1840 1.16				2009 0.90			
<b>13</b> 0443 1.15		<b>28</b> 0601 0.96		<b>13</b> 0048 0.47		<b>28</b> 0043 0.49		<b>13</b> 0116 0.28		<b>28</b> 0004 0.37		<b>13</b> 0252 0.32		<b>28</b> 0100 0.33	
1015 0.42		1055 0.60		0743 1.19		0753 1.11		0847 1.29		0813 1.24		1039 1.35		0937 1.38	
MO 1807 1.44		TU 1820 1.25		TH 1235 0.81		FR 1305 0.85		SA 1519 0.86		SU 1354 0.91		TU 1749 0.73		WE 1557 0.92	
2353 0.66				1920 1.24		1849 1.12		1935 1.06		1815 1.06		2128 0.88		1953 1.04	
<b>14</b> 0555 1.13		<b>29</b> 0050 0.57		<b>14</b> 0151 0.44		<b>29</b> 0122 0.49		<b>14</b> 0218 0.29		<b>29</b> 0048 0.36		<b>14</b> 0405 0.34		<b>29</b> 0221 0.36	
1108 0.56		0715 0.98		0905 1.28		0856 1.22		1002 1.38		0914 1.34		1136 1.41		1040 1.45	
TU 1901 1.36		WE 1157 0.73		FR 1534 0.88		SA 1455 0.92		SU 1703 0.84		MO 1530 0.95		WE 1833 0.67		TH 1715 0.86	
		1910 1.19		2018 1.15		1933 1.08		2040 0.99		1912 1.04		2248 0.92		2125 1.08	
<b>15</b> 0058 0.65		<b>30</b> 0149 0.60		<b>15</b> 0255 0.40		<b>30</b> 0203 0.48		<b>15</b> 0321 0.30		<b>30</b> 0147 0.36		<b>15</b> 0507 0.34		<b>30</b> 0344 0.37	
0730 1.14		0829 1.05		1025 1.41		0956 1.36		1109 1.48		1015 1.45		1218 1.45		1136 1.53	
WE 1225 0.72		TH 1403 0.84		SA 1717 0.85		SU 1630 0.93		MO 1810 0.77		TU 1657 0.94		TH 1903 0.62		FR 1807 0.75	
2002 1.28		2001 1.14		2123 1.09		2025 1.06		2152 0.96		2027 1.05		○ 2350 0.98		● 2252 1.17	
		<b>31</b> 0242 0.60								<b>31</b> 0254 0.34				<b>31</b> 0502 0.35	
		0938 1.18								1112 1.56				1224 1.58	
		FR 1551 0.87								WE 1758 0.89				SA 1849 0.62	
		2052 1.12								2142 1.08					

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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

# KING ISLAND (GRASSY) – TASMANIA

LAT 40° 3' S LONG 144° 5' E

Times and Heights of High and Low Waters

# 2019

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> 0008	1.27	<b>16</b> 0101	1.22	<b>1</b> 0110	1.52	<b>16</b> 0219	1.47	<b>1</b> 0329	1.73	<b>16</b> 0311	1.73	<b>1</b> 0347	1.70	<b>16</b> 0332	1.78
0615	0.34	0701	0.39	0726	0.45	0831	0.51	0942	0.55	0934	0.63	0959	0.56	0957	0.67
SU 1306	1.60	MO 1314	1.38	TU 1315	1.46	WE 1403	1.30	FR 1457	1.28	SA 1427	1.23	SU 1513	1.19	MO 1445	1.25
1926	0.47	1931	0.38	1922	0.22	2014	0.31	2050	0.07	2021	0.22	2100	0.16	2036	0.24
<b>2</b> 0111	1.37	<b>17</b> 0136	1.29	<b>2</b> 0200	1.59	<b>17</b> 0254	1.54	<b>2</b> 0408	1.67	<b>17</b> 0349	1.71	<b>2</b> 0422	1.61	<b>17</b> 0412	1.73
0714	0.33	0736	0.39	0810	0.46	0907	0.51	1013	0.54	1009	0.64	1025	0.53	1031	0.64
MO 1345	1.58	TU 1340	1.37	WE 1351	1.42	TH 1430	1.28	SA 1532	1.22	SU 1500	1.21	MO 1553	1.13	TU 1531	1.23
2000	0.32	1956	0.32	1953	0.11	2036	0.25	2125	0.09	2052	0.21	2138	0.22	2115	0.27
<b>3</b> 0206	1.43	<b>18</b> 0213	1.34	<b>3</b> 0245	1.60	<b>18</b> 0330	1.57	<b>3</b> 0448	1.57	<b>18</b> 0430	1.66	<b>3</b> 0458	1.51	<b>18</b> 0452	1.65
0802	0.36	0812	0.41	0847	0.47	0944	0.54	1043	0.54	1043	0.66	1059	0.52	1104	0.60
TU 1421	1.52	WE 1406	1.33	TH 1425	1.35	FR 1459	1.24	SU 1611	1.14	MO 1536	1.19	TU 1638	1.07	WE 1623	1.21
2032	0.20	2020	0.27	2024	0.06	2058	0.22	2201	0.15	2127	0.23	2215	0.31	2158	0.34
<b>4</b> 0258	1.44	<b>19</b> 0251	1.36	<b>4</b> 0330	1.56	<b>19</b> 0409	1.56	<b>4</b> 0530	1.47	<b>19</b> 0512	1.59	<b>4</b> 0537	1.41	<b>19</b> 0533	1.56
0845	0.41	0849	0.45	0924	0.50	1018	0.57	1119	0.55	1114	0.67	1141	0.52	1138	0.57
WE 1456	1.44	TH 1433	1.27	FR 1500	1.26	SA 1526	1.19	MO 1654	1.06	TU 1617	1.16	WE 1731	1.00	TH 1723	1.18
2104	0.12	2043	0.24	2058	0.05	2121	0.21	2240	0.25	2205	0.29	2256	0.42	2243	0.45
<b>5</b> 0349	1.42	<b>20</b> 0331	1.37	<b>5</b> 0416	1.49	<b>20</b> 0450	1.53	<b>5</b> 0615	1.36	<b>20</b> 0557	1.51	<b>5</b> 0620	1.33	<b>20</b> 0615	1.47
0928	0.47	0926	0.51	1000	0.54	1052	0.63	1206	0.58	1145	0.68	1231	0.54	1216	0.52
TH 1530	1.34	FR 1500	1.21	SA 1536	1.17	SU 1555	1.15	TU 1746	0.97	WE 1707	1.13	TH 1839	0.96	FR 1837	1.17
2137	0.08	2103	0.22	2133	0.09	2150	0.21	2321	0.37	2249	0.37	2341	0.55	2333	0.59
<b>6</b> 0443	1.38	<b>21</b> 0415	1.35	<b>6</b> 0604	1.40	<b>21</b> 0534	1.48	<b>6</b> 0706	1.27	<b>21</b> 0645	1.43	<b>6</b> 0707	1.25	<b>21</b> 0658	1.37
1012	0.54	1001	0.59	1142	0.58	1121	0.68	1312	0.61	1227	0.68	1333	0.56	1304	0.49
FR 1607	1.22	SA 1524	1.14	SU 1717	1.06	MO 1627	1.12	WE 1857	0.91	TH 1814	1.10	FR 1957	0.96	SA 1959	1.19
2213	0.08	2126	0.22	2313	0.17	2225	0.24	2339	0.50	2339	0.50				
<b>7</b> 0538	1.32	<b>22</b> 0502	1.34	<b>7</b> 0657	1.30	<b>22</b> 0622	1.42	<b>7</b> 0010	0.50	<b>22</b> 0736	1.36	<b>7</b> 0042	0.69	<b>22</b> 0039	0.75
1104	0.62	1034	0.67	1238	0.63	1151	0.73	0802	1.20	1327	0.66	0757	1.18	0745	1.28
SA 1645	1.11	SU 1550	1.10	MO 1806	0.97	TU 1706	1.10	TH 1440	0.64	FR 1947	1.11	SA 1439	0.58	SU 1404	0.45
2253	0.13	2155	0.22	2357	0.29	2306	0.30	2023	0.89			2114	1.01	2120	1.26
<b>8</b> 0637	1.27	<b>23</b> 0554	1.32	<b>8</b> 0755	1.23	<b>23</b> 0715	1.37	<b>8</b> 0131	0.64	<b>23</b> 0044	0.66	<b>8</b> 0241	0.80	<b>23</b> 0309	0.88
1220	0.69	1109	0.75	1406	0.67	1234	0.77	0901	1.16	0831	1.30	0848	1.13	0839	1.20
SU 1731	1.00	MO 1621	1.08	TU 1912	0.89	WE 1758	1.08	FR 1603	0.64	SA 1442	0.62	SU 1536	0.58	MO 1510	0.42
2341	0.22	2233	0.25	2355	0.39	2355	0.39	2150	0.94	2124	1.18	2227	1.13	2242	1.37
<b>9</b> 0740	1.23	<b>24</b> 0651	1.31	<b>9</b> 0053	0.42	<b>24</b> 0815	1.33	<b>9</b> 0345	0.71	<b>24</b> 0254	0.79	<b>9</b> 0430	0.84	<b>24</b> 0523	0.90
1404	0.74	1157	0.82	0858	1.18	1344	0.79	1000	1.14	0930	1.25	0939	1.10	0941	1.13
MO 1831	0.91	TU 1702	1.06	WE 1552	0.69	TH 1917	1.06	SA 1704	0.61	SU 1554	0.55	MO 1623	0.57	TU 1616	0.37
		2321	0.31	2039	0.85			2311	1.06	2253	1.31	2329	1.27	2356	1.50
<b>10</b> 0046	0.32	<b>25</b> 0753	1.31	<b>10</b> 0235	0.53	<b>25</b> 0100	0.52	<b>10</b> 0520	0.73	<b>25</b> 0527	0.82	<b>10</b> 0554	0.84	<b>25</b> 0647	0.85
0846	1.21	1316	0.87	1003	1.16	0916	1.30	1053	1.15	1032	1.22	1028	1.09	1048	1.10
TU 1554	0.73	WE 1807	1.05	TH 1724	0.66	FR 1516	0.76	SU 1744	0.58	MO 1657	0.45	TU 1702	0.53	WE 1718	0.33
1950	0.85			2210	0.88	2108	1.10								
<b>11</b> 0220	0.41	<b>26</b> 0026	0.40	<b>11</b> 0431	0.58	<b>26</b> 0246	0.64	<b>11</b> 0009	1.21	<b>26</b> 0009	1.48	<b>11</b> 0017	1.43	<b>26</b> 0055	1.62
0958	1.23	0858	1.32	1108	1.18	1019	1.30	0623	0.71	0649	0.79	0651	0.82	0742	0.79
WE 1716	0.69	TH 1458	0.86	FR 1815	0.62	SA 1636	0.68	MO 1139	1.17	TU 1132	1.21	WE 1115	1.11	TH 1156	1.11
2118	0.86	1948	1.05	2335	0.98	2248	1.21	1813	0.53	1751	0.35	1739	0.47	1814	0.28
<b>12</b> 0353	0.44	<b>27</b> 0159	0.48	<b>12</b> 0549	0.58	<b>27</b> 0512	0.68	<b>12</b> 0049	1.37	<b>27</b> 0107	1.64	<b>12</b> 0058	1.58	<b>27</b> 0141	1.71
1101	1.27	1003	1.36	1200	1.22	1121	1.31	0708	0.69	0745	0.73	0733	0.79	0822	0.73
TH 1802	0.64	FR 1624	0.79	SA 1846	0.58	SU 1740	0.56	TU 1217	1.19	WE 1228	1.22	TH 1159	1.14	FR 1254	1.14
2245	0.92	2131	1.12					1839	0.46	1837	0.25	1813	0.39	1900	0.24
<b>13</b> 0503	0.44	<b>28</b> 0345	0.51	<b>13</b> 0032	1.11	<b>28</b> 0012	1.37	<b>13</b> 0124	1.51	<b>28</b> 0154	1.74	<b>13</b> 0136	1.70	<b>28</b> 0220	1.73
1148	1.32	1102	1.41	0641	0.56	0644	0.65	0746	0.66	0828	0.68	0811	0.76	0854	0.67
FR 1831	0.59	SA 1726	0.67	SU 1239	1.26	MO 1215	1.33	WE 1251	1.21	TH 1315	1.24	FR 1241	1.18	SA 1342	1.17
2345	1.02	2303	1.25	1908	0.52	1830	0.42	1904	0.38	1915	0.18	1847	0.32	1937	0.22
<b>14</b> 0550	0.43	<b>29</b> 0526	0.49	<b>14</b> 0112	1.24	<b>29</b> 0114	1.54	<b>14</b> 0159	1.63	<b>29</b> 0234	1.79	<b>14</b> 0215	1.78	<b>29</b> 0255	1.71
1222	1.36	1153	1.45	0720	0.54	0743	0.61	0823	0.64	0902	0.64	0846	0.72	0920	0.61
SA 1852	0.53	SU 1811	0.52	MO 1309	1.28	TU 1303	1.35	TH 1323	1.23	FR 1357	1.24	SA 1322	1.22	SU 1421	1.18
1911	0.46	1848	0.36	1929	0.45	1910	0.28	1930	0.31	1951	0.14	1922	0.27	2012	0.22
<b>15</b> 0026	1.12	<b>30</b> 0014	1.40	<b>15</b> 0145	1.37	<b>30</b> 0204	1.67	<b>15</b> 0234	1.71	<b>30</b> 0312	1.77	<b>15</b> 0253	1.80	<b>30</b> 0327	1.66
0628	0.41	0634	0.47	0756	0.52	0830	0.58	0859	0.63	0932	0.60	0922	0.69	0944	0.56
SU 1249	1.38	MO 1237	1.47	TU 1336	1.30	WE 1345	1.35	FR 1355	1.24	SA 1434	1.22	SU 1403	1.24	MO 1500	1.17
1911	0.46	1848	0.36	1950	0.37	1945	0.17	1955	0.26	2026	0.13	1959	0.24	2047	0.24
				<b>31</b> 0248	1.73							<b>31</b> 0358	1.59		
				0908	0.56							1008	0.50		
				TH 1421	1.32							TU 1542	1.14		
				2017	0.10							2124	0.28		

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