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# LAUNCESTON – TASMANIA

LAT 41° 26' S LONG 147° 8' E

Times and Heights of High and Low Waters

# 2018

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> 0604	1.23	<b>16</b> 0112	3.71	<b>1</b> 0129	4.06	<b>16</b> 0215	3.64	<b>1</b> 0004	4.06	<b>16</b> 0037	3.61	<b>1</b> 0155	4.03	<b>16</b> 0020	3.63
1151	4.09	0730	1.41	0758	1.26	0831	1.53	0630	1.22	0704	1.60	0723	1.01	0702	1.43
MO 1843	0.85	TU 1326	3.76	TH 1341	4.17	FR 1419	3.55	TH 1217	4.12	FR 1233	3.45	SU 1317	4.06	MO 1240	3.60
		2000	0.94	2034	0.52	● 2053	1.05	1905	0.67	1927	1.27	1954	0.76	● 1926	1.21
<b>2</b> 0039	3.98	<b>17</b> 0203	3.70	<b>2</b> 0241	4.14	<b>17</b> 0301	3.70	<b>2</b> 0108	4.03	<b>17</b> 0127	3.57	<b>2</b> 0200	4.07	<b>17</b> 0122	3.72
0711	1.28	0820	1.47	0908	1.14	0916	1.43	0736	1.20	0753	1.57	0826	0.87	0759	1.20
TU 1253	4.12	WE 1414	3.69	FR 1454	4.24	SA 1505	3.64	FR 1324	4.12	SA 1328	3.47	MO 1423	4.11	TU 1348	3.79
○ 1951	0.68	● 2045	0.95	2141	0.37	2136	0.91	○ 2012	0.63	● 2015	1.20	2055	0.75	2024	1.06
<b>3</b> 0151	4.08	<b>18</b> 0252	3.74	<b>3</b> 0349	4.26	<b>18</b> 0345	3.80	<b>3</b> 0217	4.06	<b>18</b> 0218	3.61	<b>3</b> 0300	4.14	<b>18</b> 0220	3.89
0823	1.24	0905	1.46	1012	0.95	1000	1.26	0845	1.10	0842	1.45	0924	0.73	0852	0.91
WE 1403	4.19	TH 1458	3.69	SA 1601	4.33	SU 1551	3.78	SA 1435	4.15	SU 1426	3.58	TU 1522	4.16	WE 1449	4.03
2100	0.47	2127	0.90	2241	0.26	2219	0.75	2117	0.55	2103	1.05	2149	0.78	2118	0.90
<b>4</b> 0304	4.23	<b>19</b> 0336	3.82	<b>4</b> 0448	4.36	<b>19</b> 0430	3.93	<b>4</b> 0326	4.14	<b>19</b> 0309	3.72	<b>4</b> 0351	4.18	<b>19</b> 0314	4.07
0931	1.10	0947	1.39	1110	0.78	1045	1.07	0949	0.93	0931	1.25	1016	0.63	0944	0.62
TH 1516	4.30	FR 1539	3.74	SU 1701	4.39	MO 1638	3.93	SU 1543	4.23	MO 1521	3.76	WE 1615	4.18	TH 1545	4.25
2202	0.26	2206	0.81	2336	0.23	2304	0.61	2219	0.48	2153	0.88	2240	0.85	2210	0.77
<b>5</b> 0410	4.39	<b>20</b> 0417	3.92	<b>5</b> 0543	4.40	<b>20</b> 0513	4.06	<b>5</b> 0426	4.23	<b>20</b> 0358	3.88	<b>5</b> 0438	4.19	<b>20</b> 0404	4.22
1033	0.92	1028	1.27	1203	0.67	1130	0.89	1048	0.76	1019	1.00	1104	0.60	1034	0.39
FR 1621	4.41	SA 1619	3.84	MO 1756	4.37	TU 1725	4.05	MO 1643	4.28	TU 1615	3.96	TH 1703	4.16	FR 1637	4.41
2300	0.11	2245	0.69	2350	0.53			2315	0.48	2242	0.72	2326	0.95	2300	0.71
<b>6</b> 0509	4.49	<b>21</b> 0458	4.02	<b>6</b> 0028	4.30	<b>21</b> 0556	4.14	<b>6</b> 0519	4.28	<b>21</b> 0445	4.04	<b>6</b> 0521	4.16	<b>21</b> 0453	4.32
1130	0.77	1109	1.12	0632	4.39	1215	0.75	1142	0.64	1107	0.76	1150	0.64	1123	0.26
SA 1719	4.46	SU 1701	3.93	TU 1255	0.62	WE 1812	4.12	TU 1737	4.27	WE 1705	4.14	FR 1749	4.12	SA 1729	4.48
2355	0.07	2326	0.58	1848	4.28					2330	0.62	2349	0.71		
<b>7</b> 0602	4.52	<b>22</b> 0538	4.10	<b>7</b> 0117	0.44	<b>22</b> 0036	0.52	<b>7</b> 0005	0.55	<b>22</b> 0531	4.17	<b>7</b> 0010	1.05	<b>22</b> 0542	4.34
1223	0.69	1151	1.00	0721	4.35	0640	4.19	0608	4.29	1155	0.56	0601	4.10	1213	0.23
SU 1814	4.43	MO 1745	3.99	WE 1345	0.62	TH 1300	0.66	WE 1231	0.59	TH 1755	4.26	SA 1233	0.71	SU 1818	4.48
				1939	4.17	1859	4.14	1827	4.22			1832	4.09		
<b>8</b> 0047	0.14	<b>23</b> 0009	0.52	<b>8</b> 0206	0.61	<b>23</b> 0122	0.58	<b>8</b> 0054	0.67	<b>23</b> 0018	0.59	<b>8</b> 0052	1.14	<b>23</b> 0039	0.76
0654	4.48	0619	4.14	0808	4.29	0723	4.20	0653	4.26	0616	4.24	0640	4.04	0630	4.33
MO 1315	0.66	TU 1234	0.91	TH 1435	0.64	FR 1346	0.62	TH 1320	0.60	FR 1242	0.45	SU 1315	0.82	MO 1301	0.28
1906	4.34	1830	4.01	● 2030	4.06	● 1946	4.14	1915	4.14	1844	4.32	● 1915	4.05	● 1908	4.44
<b>9</b> 0138	0.28	<b>24</b> 0053	0.53	<b>9</b> 0255	0.79	<b>24</b> 0208	0.69	<b>9</b> 0141	0.82	<b>24</b> 0106	0.63	<b>9</b> 0133	1.21	<b>24</b> 0129	0.83
0744	4.41	0701	4.16	0854	4.23	0806	4.20	0737	4.20	0702	4.27	0717	3.96	0719	4.28
TU 1406	0.67	WE 1319	0.87	FR 1525	0.69	SA 1433	0.62	FR 1407	0.65	SA 1330	0.40	MO 1355	0.93	TU 1352	0.37
● 1959	4.21	1915	4.00	2119	3.97	2034	4.14	● 2003	4.06	1932	4.32	1957	4.01	1959	4.37
<b>10</b> 0229	0.46	<b>25</b> 0138	0.59	<b>10</b> 0343	0.95	<b>25</b> 0256	0.81	<b>10</b> 0227	0.96	<b>25</b> 0154	0.72	<b>10</b> 0213	1.29	<b>25</b> 0219	0.90
0832	4.33	0744	4.15	0941	4.15	0850	4.20	0821	4.14	0747	4.26	0754	3.86	0810	4.23
WE 1458	0.69	TH 1404	0.86	SA 1615	0.76	SU 1522	0.62	SA 1454	0.73	SU 1417	0.41	TU 1432	1.05	WE 1444	0.48
2051	4.08	● 2000	3.98	2209	3.90	2122	4.13	2050	4.00	● 2021	4.30	2036	3.95	2048	4.30
<b>11</b> 0318	0.64	<b>26</b> 0223	0.69	<b>11</b> 0431	1.10	<b>26</b> 0345	0.94	<b>11</b> 0312	1.09	<b>26</b> 0242	0.82	<b>11</b> 0252	1.37	<b>26</b> 0311	0.96
0921	4.27	0826	4.14	1027	4.04	0935	4.19	0904	4.05	0834	4.24	0830	3.74	0901	4.16
TH 1549	0.71	FR 1450	0.85	SU 1703	0.84	MO 1612	0.64	SU 1541	0.84	MO 1507	0.46	WE 1509	1.17	TH 1536	0.59
2143	3.97	2046	3.97	2259	3.83	2213	4.12	2137	3.95	2111	4.27	2115	3.86	2141	4.23
<b>12</b> 0409	0.82	<b>27</b> 0309	0.82	<b>12</b> 0520	1.24	<b>27</b> 0435	1.06	<b>12</b> 0358	1.20	<b>27</b> 0331	0.93	<b>12</b> 0332	1.46	<b>27</b> 0405	0.99
1010	4.20	0908	4.14	1113	3.90	1023	4.18	0946	3.93	0922	4.21	0906	3.62	0957	4.10
FR 1641	0.74	SA 1538	0.84	MO 1752	0.94	TU 1705	0.66	MO 1627	0.96	TU 1558	0.53	TH 1547	1.27	FR 1631	0.70
2235	3.88	2134	3.98	2347	3.76	2306	4.09	2222	3.88	2200	4.22	2153	3.76	2235	4.15
<b>13</b> 0459	0.99	<b>28</b> 0358	0.96	<b>13</b> 0609	1.38	<b>28</b> 0530	1.16	<b>13</b> 0444	1.32	<b>28</b> 0423	1.02	<b>13</b> 0415	1.55	<b>28</b> 0501	1.00
1059	4.11	0951	4.15	1159	3.75	1117	4.15	1027	3.79	1012	4.17	0947	3.53	1054	4.03
SA 1732	0.78	SU 1628	0.81	TU 1840	1.04	WE 1802	0.67	TU 1713	1.09	WE 1650	0.60	FR 1631	1.33	SA 1729	0.81
2328	3.81	2225	4.00					2307	3.79	2253	4.16	2234	3.67	2332	4.09
<b>14</b> 0549	1.15	<b>29</b> 0448	1.09	<b>14</b> 0037	3.68	<b>29</b> 0517	1.09	<b>14</b> 0530	1.44	<b>29</b> 0517	1.09	<b>14</b> 0506	1.60	<b>29</b> 0600	0.98
1147	4.00	1038	4.16	0658	1.49	1106	4.13	1107	3.64	1106	4.13	1033	3.49	1156	3.99
SU 1823	0.84	MO 1721	0.78	WE 1245	3.61	1746	0.67	WE 1757	1.20	TH 1746	0.67	SA 1726	1.35	SU 1828	0.90
		2319	4.02	1926	1.11	2351	3.69	2351	3.69	2349	4.09	2323	3.62		
<b>15</b> 0019	3.75	<b>30</b> 0545	1.20	<b>15</b> 0126	3.64	<b>30</b> 0615	1.12	<b>15</b> 0616	1.54	<b>30</b> 0615	1.12	<b>15</b> 0603	1.57	<b>30</b> 0032	4.06
0640	1.30	1130	4.16	0745	1.55	1205	4.08	1147	3.52	1205	4.08	1130	3.50	0701	0.91
MO 1236	3.87	TU 1820	0.73	TH 1332	3.54	FR 1846	0.73	TH 1841	1.27	FR 1846	0.73	SU 1826	1.32	MO 1300	3.98
1913	0.90			2010	1.12							○ 1928	0.98		
		<b>31</b> 0020	4.03			<b>31</b> 0050	4.04			<b>31</b> 0050	4.04				
		0648	1.27			0717	1.10			0717	1.10				
		WE 1231	4.15			SA 1310	4.04			SA 1310	4.04				
		○ 1926	0.65			○ 1949	0.76			○ 1949	0.76				

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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

# LAUNCESTON – TASMANIA

LAT 41° 26' S LONG 147° 8' E

Times and Heights of High and Low Waters

# 2018

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> 0132 4.07		<b>16</b> 0028 3.84		<b>1</b> 0245 4.04		<b>16</b> 0205 4.23		<b>1</b> 0254 3.92		<b>16</b> 0245 4.41		<b>1</b> 0343 3.92		<b>16</b> 0428 4.47	
0801 0.81		0723 1.11		0915 0.73		0854 0.46		0923 0.84		0930 0.27		1008 0.78		1101 0.31	
TU 1402 4.02		WE 1313 3.89		FR 1522 4.06		SA 1500 4.40		SU 1533 4.04		MO 1538 4.50		WE 1620 4.08		TH 1706 4.49	
2027 1.03		1951 1.24		2137 1.35		2126 1.08		2144 1.42		2200 0.94		2232 1.18		2329 0.63	
<b>2</b> 0230 4.09		<b>17</b> 0136 3.97		<b>2</b> 0329 4.02		<b>17</b> 0310 4.37		<b>2</b> 0332 3.94		<b>17</b> 0348 4.50		<b>2</b> 0425 3.98		<b>17</b> 0522 4.41	
0857 0.71		0823 0.81		0958 0.75		0951 0.24		1000 0.82		1027 0.17		1048 0.72		1153 0.42	
WE 1500 4.07		TH 1422 4.12		SA 1605 4.09		SU 1559 4.56		MO 1612 4.09		TU 1634 4.57		TH 1700 4.13		FR 1756 4.46	
2121 1.08		2052 1.09		2218 1.36		2221 0.93		2221 1.35		2256 0.80		2315 1.08			
<b>3</b> 0319 4.11		<b>18</b> 0240 4.14		<b>3</b> 0406 4.00		<b>18</b> 0409 4.47		<b>3</b> 0410 3.96		<b>18</b> 0445 4.51		<b>3</b> 0509 4.00		<b>18</b> 0020 0.60	
0947 0.66		0919 0.51		1035 0.78		1045 0.13		1035 0.80		1120 0.18		1131 0.71		0615 4.31	
TH 1550 4.11		FR 1523 4.36		SU 1644 4.12		MO 1654 4.62		TU 1649 4.13		WE 1728 4.57		FR 1742 4.15		SA 1243 0.59	
2210 1.14		2148 0.95		2256 1.34		2315 0.83		2259 1.27		2348 0.73		2358 1.02		1845 4.40	
<b>4</b> 0404 4.10		<b>19</b> 0337 4.30		<b>4</b> 0442 3.99		<b>19</b> 0503 4.49		<b>4</b> 0448 3.97		<b>19</b> 0540 4.45		<b>4</b> 0554 3.99		<b>19</b> 0111 0.61	
1032 0.66		1013 0.28		1109 0.81		1138 0.13		1113 0.77		1213 0.28		1215 0.75		0707 4.19	
FR 1636 4.13		SA 1618 4.52		MO 1721 4.15		TU 1746 4.61		WE 1728 4.16		TH 1818 4.52		SA 1823 4.15		SU 1332 0.77	
2254 1.19		2241 0.84		2330 1.30				2338 1.21						1932 4.34	
<b>5</b> 0444 4.07		<b>20</b> 0430 4.40		<b>5</b> 0517 3.97		<b>20</b> 0007 0.79		<b>5</b> 0530 3.96		<b>20</b> 0041 0.70		<b>5</b> 0042 0.99		<b>20</b> 0201 0.65	
1114 0.71		1104 0.16		1143 0.83		0557 4.44		1153 0.78		0633 4.35		0640 3.97		0759 4.10	
SA 1717 4.13		SU 1712 4.60		TU 1758 4.15		WE 1230 0.22		TH 1807 4.16		FR 1303 0.44		SU 1300 0.84		MO 1422 0.94	
2334 1.24		2332 0.79				1837 4.55				1908 4.47		1905 4.13		2020 4.27	
<b>6</b> 0520 4.03		<b>21</b> 0522 4.43		<b>6</b> 0007 1.27		<b>21</b> 0059 0.78		<b>6</b> 0020 1.18		<b>21</b> 0132 0.70		<b>6</b> 0127 0.98		<b>21</b> 0252 0.70	
1151 0.78		1155 0.15		0557 3.93		0650 4.35		0614 3.92		0727 4.23		0726 3.96		0849 4.03	
SU 1757 4.12		MO 1803 4.59		WE 1219 0.87		TH 1321 0.36		FR 1234 0.82		SA 1354 0.62		MO 1345 0.96		TU 1511 1.09	
				1836 4.14		1928 4.48		1848 4.13		1958 4.41		1946 4.12		2107 4.18	
<b>7</b> 0011 1.26		<b>22</b> 0023 0.79		<b>7</b> 0046 1.26		<b>22</b> 0150 0.79		<b>7</b> 0103 1.18		<b>22</b> 0224 0.70		<b>7</b> 0214 0.97		<b>22</b> 0343 0.77	
0555 3.98		0614 4.39		0638 3.87		0744 4.25		0658 3.87		0820 4.13		0813 3.97		0940 3.97	
MO 1226 0.86		TU 1246 0.22		TH 1259 0.91		FR 1413 0.53		SA 1318 0.89		SU 1445 0.80		TU 1432 1.09		WE 1601 1.22	
1835 4.11		1854 4.52		1916 4.10		2018 4.42		1930 4.10		2046 4.36		2028 4.13		2155 4.06	
<b>8</b> 0046 1.28		<b>23</b> 0114 0.82		<b>8</b> 0128 1.28		<b>23</b> 0243 0.79		<b>8</b> 0147 1.19		<b>23</b> 0316 0.71		<b>8</b> 0301 0.94		<b>23</b> 0432 0.86	
0631 3.92		0705 4.32		0720 3.80		0837 4.15		0743 3.84		0913 4.05		0900 4.00		1030 3.91	
TU 1259 0.94		WE 1337 0.34		FR 1340 0.98		SA 1504 0.69		SU 1402 1.00		MO 1535 0.97		WE 1522 1.20		TH 1651 1.34	
1913 4.08		1945 4.45		1956 4.05		2109 4.37		2010 4.08		2135 4.29		2112 4.15		2244 3.92	
<b>9</b> 0122 1.30		<b>24</b> 0205 0.86		<b>9</b> 0211 1.32		<b>24</b> 0335 0.78		<b>9</b> 0233 1.18		<b>24</b> 0408 0.73		<b>9</b> 0352 0.90		<b>24</b> 0522 0.96	
0709 3.84		0758 4.24		0803 3.75		0930 4.07		0829 3.84		1005 3.99		0952 4.04		1120 3.84	
WE 1333 1.02		TH 1429 0.48		SA 1424 1.07		SU 1557 0.86		MO 1449 1.11		TU 1626 1.13		TH 1615 1.30		FR 1741 1.44	
1950 4.04		2035 4.37		2036 4.00		2159 4.31		2050 4.08		2225 4.20		2200 4.17		2331 3.78	
<b>10</b> 0200 1.35		<b>25</b> 0258 0.88		<b>10</b> 0256 1.35		<b>25</b> 0429 0.78		<b>10</b> 0321 1.15		<b>25</b> 0500 0.77		<b>10</b> 0448 0.84		<b>25</b> 0610 1.05	
0748 3.76		0850 4.16		0847 3.73		1025 4.00		0916 3.88		1058 3.93		1048 4.07		1210 3.78	
TH 1411 1.09		FR 1521 0.62		SU 1510 1.17		MO 1649 1.02		TU 1538 1.23		WE 1717 1.27		FR 1715 1.37		SA 1830 1.51	
2029 3.96		2127 4.31		2116 3.97		2250 4.23		2133 4.10		2315 4.08		2257 4.19			
<b>11</b> 0242 1.41		<b>26</b> 0351 0.89		<b>11</b> 0345 1.35		<b>26</b> 0523 0.78		<b>11</b> 0413 1.09		<b>26</b> 0550 0.83		<b>11</b> 0550 0.76		<b>26</b> 0020 3.68	
0830 3.67		0945 4.08		0935 3.74		1120 3.94		1008 3.93		1150 3.89		1152 4.11		0656 1.10	
FR 1452 1.17		SA 1615 0.77		MO 1600 1.27		TU 1742 1.18		WE 1632 1.34		TH 1809 1.40		SA 1821 1.37		SU 1300 3.75	
2108 3.88		2218 4.24		2200 3.96		2342 4.15		2221 4.12				1917 1.53			
<b>12</b> 0326 1.47		<b>27</b> 0446 0.88		<b>12</b> 0438 1.29		<b>27</b> 0616 0.79		<b>12</b> 0511 0.99		<b>27</b> 0004 3.95		<b>12</b> 0001 4.22		<b>27</b> 0106 3.64	
0912 3.62		1041 4.01		1028 3.79		1216 3.91		1107 4.00		0640 0.90		0658 0.65		0739 1.09	
SA 1539 1.26		SU 1709 0.91		TU 1657 1.36		WE 1835 1.32		TH 1735 1.42		FR 1243 3.86		SU 1302 4.17		MO 1346 3.76	
2148 3.81		2313 4.18		2247 3.98				2315 4.16		1900 1.48		1931 1.27		2001 1.48	
<b>13</b> 0416 1.50		<b>28</b> 0543 0.86		<b>13</b> 0539 1.18		<b>28</b> 0034 4.05		<b>13</b> 0615 0.85		<b>28</b> 0053 3.85		<b>13</b> 0114 4.28		<b>28</b> 0151 3.67	
0959 3.60		1140 3.96		1130 3.87		0708 0.80		1214 4.09		0728 0.94		0806 0.50		0820 1.02	
SU 1631 1.32		MO 1805 1.05		WE 1804 1.41		TH 1312 3.91		FR 1845 1.42		SA 1333 3.86		MO 1414 4.28		TU 1430 3.82	
2233 3.77				2345 4.03		1929 1.41		1845 1.42		1948 1.51		2039 1.09		2044 1.36	
<b>14</b> 0514 1.47		<b>29</b> 0008 4.12		<b>14</b> 0646 0.99		<b>29</b> 0125 3.98		<b>14</b> 0021 4.20		<b>29</b> 0140 3.80		<b>14</b> 0226 4.37		<b>29</b> 0234 3.77	
1053 3.63		0640 0.82		1241 4.00		0758 0.82		0723 0.67		0811 0.96		0909 0.36		0901 0.90	
MO 1734 1.36		TU 1239 3.94		TH 1916 1.38		FR 1404 3.94		SA 1327 4.21		SU 1419 3.89		TU 1517 4.40		WE 1511 3.92	
2326 3.78		1902 1.17		2018 1.46				1957 1.31		2032 1.49		2140 0.88		2126 1.20	
<b>15</b> 0618 1.34		<b>30</b> 0103 4.08		<b>15</b> 0052 4.10		<b>30</b> 0213 3.94		<b>15</b> 0135 4.29		<b>30</b> 0223 3.81		<b>15</b> 0330 4.46		<b>30</b> 0318 3.89	
1159 3.72		0735 0.78		0753 0.73		0843 0.83		0830 0.45		0851 0.92		1007 0.28		0944 0.79	
TU 1844 1.34		WE 1338 3.96		FR 1354 4.20		SA 1451 3.99		SU 1437 4.37		MO 1501 3.94		WE 1614 4.47		TH 1552 4.02	
●		○ 1958 1.26		2025 1.25		2103 1.46		2102 1.13		2113 1.41		2236 0.72		2208 1.04	
		<b>31</b> 0157 4.05						<b>31</b> 0302 3.86						<b>31</b> 0403 4.00	
		0828 0.74						0930 0.86						1027 0.70	
		TH 1433 4.01						TU 1541 4.01						FR 1634 4.10	
		2050 1.32						2152 1.29						2252 0.89	

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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

# LAUNCESTON – TASMANIA

LAT 41° 26' S LONG 147° 8' E

Times and Heights of High and Low Waters

# 2018

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>	0449 4.07	<b>16</b>	0554 4.26	<b>1</b>	0519 4.25	<b>16</b>	0115 0.59	<b>1</b>	0134 0.29	<b>16</b>	0156 0.90	<b>1</b>	0209 0.25	<b>16</b>	0144 0.89
	1112 0.68		1219 0.79		1141 0.75		0715 4.14		0741 4.37		0803 4.02		0816 4.38		0802 4.00
SA	1716 4.15	SU	1815 4.30	MO	1736 4.19	TU	1337 1.11	TH	1401 0.87	FR	1418 1.30	SA	1437 0.82	SU	1413 1.25
	2337 0.80				1925 4.08			☉	1950 4.20	☉	1957 3.80		2028 4.20		2003 3.73
<b>2</b>	0536 4.10	<b>17</b>	0045 0.57	<b>2</b>	0003 0.49	<b>17</b>	0200 0.72	<b>2</b>	0224 0.37	<b>17</b>	0230 1.01	<b>2</b>	0300 0.38	<b>17</b>	0222 0.95
	1158 0.73		0644 4.16		0607 4.26		0800 4.07		0830 4.31		0843 3.96		0907 4.31		0841 3.95
SU	1800 4.16	MO	1307 0.95	TU	1228 0.82	WE	1421 1.21	FR	1451 0.93	SA	1457 1.35	SU	1529 0.84	MO	1454 1.28
		☉	1901 4.21	☉	1821 4.18	☉	2006 3.97		2040 4.15		2036 3.70		2120 4.12		2046 3.66
<b>3</b>	0022 0.75	<b>18</b>	0134 0.66	<b>3</b>	0051 0.49	<b>18</b>	0245 0.86	<b>3</b>	0315 0.46	<b>18</b>	0304 1.10	<b>3</b>	0352 0.52	<b>18</b>	0304 1.04
	0623 4.11		0732 4.08		0656 4.25		0845 4.01		0920 4.24		0921 3.89		0958 4.25		0919 3.89
MO	1244 0.82	TU	1355 1.09	WE	1315 0.92	TH	1506 1.28	SA	1542 0.98	SU	1536 1.41	MO	1622 0.85	TU	1537 1.33
☉	1842 4.15		1947 4.12		1907 4.16		2047 3.86		2131 4.10		2117 3.59		2215 4.05		2130 3.60
<b>4</b>	0108 0.74	<b>19</b>	0223 0.77	<b>4</b>	0139 0.53	<b>19</b>	0330 1.00	<b>4</b>	0407 0.57	<b>19</b>	0342 1.19	<b>4</b>	0445 0.66	<b>19</b>	0348 1.15
	0710 4.10		0821 4.01		0745 4.21		0930 3.94		1012 4.18		1000 3.80		1049 4.20		0959 3.83
TU	1330 0.94	WE	1443 1.20	TH	1404 1.01	FR	1552 1.36	SU	1635 1.01	MO	1619 1.47	TU	1716 0.83	WE	1624 1.35
	1925 4.14		2033 4.01		1954 4.13		2129 3.73		2226 4.06		2200 3.50		2311 3.98		2215 3.58
<b>5</b>	0155 0.74	<b>20</b>	0312 0.89	<b>5</b>	0229 0.59	<b>20</b>	0413 1.13	<b>5</b>	0500 0.66	<b>20</b>	0426 1.28	<b>5</b>	0540 0.81	<b>20</b>	0436 1.27
	0758 4.10		0909 3.95		0833 4.18		1014 3.86		1105 4.13		1039 3.72		1143 4.15		1039 3.80
WE	1418 1.06	TH	1531 1.30	FR	1455 1.09	SA	1637 1.44	MO	1731 1.00	TU	1707 1.52	WE	1813 0.79	TH	1715 1.33
	2009 4.13		2119 3.88		2043 4.11		2209 3.60		2323 4.02		2245 3.45		2306 3.59		2306 3.59
<b>6</b>	0244 0.75	<b>21</b>	0400 1.01	<b>6</b>	0320 0.64	<b>21</b>	0456 1.24	<b>6</b>	0558 0.75	<b>21</b>	0515 1.35	<b>6</b>	0009 3.93	<b>21</b>	0530 1.37
	0846 4.10		0957 3.88		0925 4.14		1056 3.76		1201 4.09		1121 3.66		0635 0.95		1124 3.79
TH	1508 1.16	FR	1620 1.39	SA	1547 1.14	SU	1724 1.52	TU	1830 0.95	WE	1801 1.50	TH	1238 4.11	FR	1813 1.24
	2056 4.14		2205 3.73		2135 4.10		2249 3.49		2338 3.46		2338 3.46		1911 0.73		
<b>7</b>	0335 0.75	<b>22</b>	0447 1.13	<b>7</b>	0515 0.69	<b>22</b>	0539 1.33	<b>7</b>	0024 3.99	<b>22</b>	0615 1.41	<b>7</b>	0110 3.91	<b>22</b>	0003 3.66
	0938 4.10		1045 3.79		1119 4.10		1138 3.66		0657 0.83		1209 3.64		0733 1.07		0634 1.45
FR	1600 1.24	SA	1709 1.48	SU	1745 1.15	MO	1811 1.57	WE	1300 4.08	TH	1900 1.40	FR	1335 4.08	SA	1215 3.82
	2146 4.15		2251 3.60		2333 4.08		2335 3.41		1931 0.86			☉	2009 0.67		1917 1.08
<b>8</b>	0430 0.74	<b>23</b>	0533 1.22	<b>8</b>	0614 0.72	<b>23</b>	0625 1.37	<b>8</b>	0128 3.99	<b>23</b>	0040 3.53	<b>8</b>	0212 3.94	<b>23</b>	0111 3.77
	1033 4.09		1131 3.70		1217 4.07		1223 3.59		0758 0.90		0720 1.40		0831 1.16		0745 1.44
SA	1659 1.28	SU	1757 1.54	MO	1845 1.11	TU	1900 1.56	TH	1401 4.10	FR	1305 3.69	SA	1431 4.06	SU	1318 3.89
	2244 4.15		2337 3.50					☉	2032 0.73	☉	2000 1.19		2104 0.61	☉	2024 0.84
<b>9</b>	0531 0.72	<b>24</b>	0618 1.26	<b>9</b>	0035 4.07	<b>24</b>	0029 3.41	<b>9</b>	0232 4.04	<b>24</b>	0149 3.69	<b>9</b>	0310 3.99	<b>24</b>	0224 3.96
	1134 4.08		1220 3.64		0716 0.74		0715 1.36		0859 0.94		0826 1.33		0928 1.22		0856 1.33
SU	1801 1.26	MO	1844 1.55	TU	1321 4.07	WE	1314 3.57	FR	1500 4.14	SA	1409 3.80	SU	1524 4.05	MO	1430 4.01
	2347 4.16			☉	1950 1.01		1950 1.46		2131 0.60		2059 0.91		2157 0.58		2126 0.56
<b>10</b>	0636 0.67	<b>25</b>	0025 3.48	<b>10</b>	0143 4.10	<b>25</b>	0129 3.49	<b>10</b>	0333 4.11	<b>25</b>	0257 3.92	<b>10</b>	0403 4.04	<b>25</b>	0331 4.18
	1241 4.11		0702 1.23		0821 0.73		0808 1.28		0956 0.98		0926 1.19		1019 1.25		0958 1.14
MO	1910 1.16	TU	1307 3.64	WE	1427 4.12	TH	1406 3.64	SA	1555 4.17	SU	1512 3.97	MO	1612 4.03	TU	1540 4.17
☉		☉	1929 1.47		2055 0.85	☉	2041 1.26		2225 0.51		2153 0.61		2243 0.60		2224 0.30
<b>11</b>	0057 4.21	<b>26</b>	0115 3.55	<b>11</b>	0251 4.16	<b>26</b>	0230 3.66	<b>11</b>	0429 4.16	<b>26</b>	0358 4.17	<b>11</b>	0450 4.07	<b>26</b>	0431 4.37
	0744 0.59		0747 1.14		0924 0.71		0901 1.16		1048 1.03		1022 1.03		1105 1.26		1054 0.95
TU	1350 4.18	WE	1354 3.71	TH	1529 4.21	FR	1459 3.78	SU	1643 4.17	MO	1609 4.13	TU	1653 4.00	WE	1640 4.32
	2016 0.98		2014 1.31		2156 0.66		2130 1.00		2314 0.49		2246 0.35		2325 0.65		2318 0.12
<b>12</b>	0208 4.29	<b>27</b>	0204 3.69	<b>12</b>	0354 4.24	<b>27</b>	0328 3.89	<b>12</b>	0517 4.17	<b>27</b>	0453 4.37	<b>12</b>	0532 4.08	<b>27</b>	0527 4.49
	0847 0.50		0833 1.00		1022 0.71		0954 1.01		1136 1.10		1115 0.89		1146 1.27		1147 0.80
WE	1454 4.29	TH	1438 3.83	FR	1624 4.27	SA	1549 3.95	MO	1727 4.13	TU	1702 4.27	WE	1730 3.97	TH	1736 4.41
	2118 0.78		2059 1.10		2251 0.53		2219 0.72		2359 0.55		2337 0.17				
<b>13</b>	0312 4.36	<b>28</b>	0254 3.87	<b>13</b>	0450 4.28	<b>28</b>	0421 4.11	<b>13</b>	0602 4.15	<b>28</b>	0545 4.48	<b>13</b>	0002 0.72	<b>28</b>	0011 0.05
	0945 0.46		0919 0.86		1115 0.77		1045 0.88		1220 1.17		1206 0.81		0611 4.07		0619 4.52
TH	1550 4.37	FR	1523 3.97	SA	1714 4.29	SU	1639 4.10	TU	1806 4.06	WE	1754 4.33	TH	1223 1.26	FR	1239 0.71
	2215 0.61		2145 0.87		2342 0.47		2308 0.48						1806 3.93		1830 4.41
<b>14</b>	0410 4.39	<b>29</b>	0343 4.05	<b>14</b>	0542 4.26	<b>29</b>	0512 4.29	<b>14</b>	0040 0.66	<b>29</b>	0028 0.11	<b>14</b>	0036 0.78	<b>29</b>	0102 0.08
	1040 0.51		1006 0.76		1205 0.87		1134 0.80		0644 4.11		0636 4.50		0647 4.06		0710 4.50
FR	1642 4.39	SA	1607 4.09	SU	1800 4.25	MO	1727 4.21	WE	1301 1.23	TH	1256 0.78	FR	1259 1.24	SA	1330 0.67
	2307 0.53		2230 0.67				2357 0.32		1844 3.98		1845 4.33		1843 3.88	☉	1922 4.35
<b>15</b>	0503 4.34	<b>30</b>	0430 4.18	<b>15</b>	0030 0.50	<b>30</b>	0602 4.39	<b>15</b>	0119 0.78	<b>30</b>	0118 0.15	<b>15</b>	0109 0.84	<b>30</b>	0154 0.19
	1130 0.63		1053 0.72		0630 4.21		1223 0.78		0724 4.07		0726 4.46		0724 4.04		0800 4.44
SA	1730 4.36	SU	1651 4.17	MO	1251 1.00	TU	1815 4.25	TH	1341 1.27	FR	1346 0.79	SA	1334 1.23	SU	1422 0.67
	2357 0.52		2316 0.54		1843 4.18				1920 3.90	☉	1936 4.28	☉	1922 3.81		2015 4.26
				<b>31</b>	0045 0.26									<b>31</b>	0245 0.35
					0652 4.41										0850 4.37
					WE 1312 0.81										MO 1514 0.67
					1902 4.24										2108 4.15

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Moon Phase Symbols

☉ New Moon

☽ First Quarter

☾ Full Moon

☾ Last Quarter