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# FRANKLIN HARBOR – SOUTH AUSTRALIA

LAT 33° 45' S LONG 136° 55' 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> 0042 0.89		<b>16</b> 0050 0.91		<b>1</b> 0301 0.86		<b>16</b> 0315 0.99		<b>1</b> 0252 0.70		<b>16</b> 0313 0.96		<b>1</b> 0409 0.81		<b>16</b> 1133 0.54	
0735 1.80		0736 1.71		0803 1.26		0733 1.22		0758 1.24		0718 1.20		0728 0.90		2020 1.53	
WE 1505 0.63		TH 1529 0.63		SA 1431 0.49		SU 1338 0.53		SU 1347 0.47		MO 1258 0.51		WE 1324 0.44		TH	
2052 1.17		2147 1.10		2137 1.35		☉ 2139 1.46		2043 1.53		☉ 2037 1.71		☉ 2132 1.40			
<b>2</b> 0128 0.96		<b>17</b> 0137 0.99		<b>2</b> 0353 0.86		<b>17</b> 1340 0.45		<b>2</b> 0327 0.73		<b>17</b> 1308 0.43		<b>2</b> 1305 0.42		<b>17</b> 1108 0.56	
0750 1.56		0745 1.49		0807 1.05		2309 1.41		0806 1.07		2120 1.58		2339 1.27		1108 0.56	
TH 1517 0.61		FR 1502 0.66		SU 1436 0.46		MO		MO 1356 0.43		TU		TH		FR	
2148 1.16		☉ 2252 1.16		☉ 2229 1.27				2120 1.39							
<b>3</b> 0230 1.02		<b>18</b> 0245 1.06		<b>3</b> 0521 0.86		<b>18</b> 1337 0.38		<b>3</b> 0415 0.79		<b>18</b> 1310 0.39		<b>3</b> 1156 0.36		<b>18</b> 0051 1.36	
0754 1.30		0740 1.26		0728 0.87				0749 0.90				FR		1024 0.57	
FR 1531 0.58		SA 1436 0.63		MO 1434 0.43		TU		TU 1401 0.39		WE		FR		SA 1758 1.13	
☉ 2312 1.16				2353 1.20				☉ 2226 1.25						2117 1.07	
<b>4</b> 0419 1.03		<b>19</b> 0015 1.23		<b>4</b> 1409 0.41		<b>19</b> 0133 1.42		<b>4</b> 1350 0.37		<b>19</b> 0004 1.43		<b>4</b> 0227 1.29		<b>19</b> 0220 1.32	
0705 1.06		1420 0.57		TU		1324 0.33		WE		1258 0.38		1128 0.26		1001 0.55	
SA 1544 0.56		SU				WE				TH		SA		SU 1625 1.20	
														2158 0.86	
<b>5</b> 0046 1.18		<b>20</b> 0127 1.33		<b>5</b> 0145 1.20		<b>20</b> 0310 1.51		<b>5</b> 0046 1.19		<b>20</b> 0247 1.45		<b>5</b> 0244 1.37		<b>20</b> 0314 1.30	
1536 0.55		1347 0.49		1302 0.36		1309 0.30		1259 0.32		1235 0.37		1037 0.21		0958 0.55	
SU		MO		WE		TH		TH		FR		SU 1701 1.01		MO 1619 1.37	
												2143 0.77		2233 0.69	
<b>6</b> 0152 1.23		<b>21</b> 0232 1.45		<b>6</b> 0324 1.31		<b>21</b> 0409 1.63		<b>6</b> 0309 1.28		<b>21</b> 0353 1.50		<b>6</b> 0334 1.44		<b>21</b> 0355 1.29	
1253 0.51		1313 0.40		1234 0.25		1300 0.28		1220 0.21		1217 0.37		1055 0.23		1002 0.56	
MO		TU		TH 1828 0.59		FR		FR		SA 1828 0.97		MO 1701 1.20		TU 1629 1.55	
				1931 0.59						2227 0.88		2234 0.69		2305 0.57	
<b>7</b> 0248 1.30		<b>22</b> 0329 1.58		<b>7</b> 0424 1.48		<b>22</b> 0452 1.73		<b>7</b> 0413 1.44		<b>22</b> 0437 1.54		<b>7</b> 0415 1.48		<b>22</b> 0430 1.30	
1159 0.39		1302 0.33		1246 0.16		1302 0.29		1224 0.12		1213 0.38		1114 0.33		1009 0.59	
TU 1707 0.60		WE		FR 1820 0.68		SA 1834 0.90		SA 1832 0.79		SU 1804 1.12		TU 1713 1.41		WE 1643 1.72	
1932 0.56				2134 0.60		2219 0.79		2214 0.69		2319 0.76		2317 0.63		2333 0.50	
<b>8</b> 0340 1.40		<b>23</b> 0417 1.72		<b>8</b> 0507 1.66		<b>23</b> 0527 1.80		<b>8</b> 0455 1.58		<b>23</b> 0513 1.56		<b>8</b> 0449 1.50		<b>23</b> 0458 1.32	
1213 0.29		1309 0.30		1308 0.10		1309 0.32		1241 0.09		1216 0.41		1129 0.49		1021 0.62	
WE 1728 0.66		TH		SA 1841 0.79		SU 1840 1.08		SU 1835 0.95		MO 1811 1.33		WE 1729 1.61		TH 1658 1.85	
2043 0.55				2245 0.63		2327 0.75		2316 0.67		2359 0.66		☉ 2355 0.61		☉ 2358 0.47	
<b>9</b> 0427 1.54		<b>24</b> 0458 1.86		<b>9</b> 0542 1.81		<b>24</b> 0556 1.83		<b>9</b> 0531 1.69		<b>24</b> 0544 1.56		<b>9</b> 0517 1.48		<b>24</b> 0522 1.35	
1240 0.23		1324 0.30		1332 0.10		1316 0.38		1300 0.14		1220 0.46		1135 0.66		1037 0.65	
TH 1754 0.73		FR 1834 0.79		SU 1905 0.93		MO 1854 1.28		MO 1850 1.14		TU 1823 1.53		TH 1743 1.79		FR 1715 1.94	
2139 0.56		2056 0.73		☉ 2335 0.68		☉				☉					
<b>10</b> 0508 1.70		<b>25</b> 0533 1.97		<b>10</b> 0612 1.91		<b>25</b> 0012 0.73		<b>10</b> 0003 0.67		<b>25</b> 0032 0.60		<b>10</b> 0028 0.64		<b>25</b> 0022 0.49	
1311 0.20		1339 0.34		1354 0.17		0621 1.82		0602 1.74		0610 1.56		0537 1.44		0543 1.36	
FR 1824 0.80		SA 1846 0.92		MO 1931 1.06		TU 1319 0.43		TU 1319 0.26		WE 1223 0.51		FR 1114 0.78		SA 1054 0.67	
2225 0.58		☉ 2212 0.75				1909 1.46		☉ 1907 1.32		1836 1.70		1754 1.93		1734 1.99	
<b>11</b> 0544 1.85		<b>26</b> 0603 2.04		<b>11</b> 0017 0.74		<b>26</b> 0049 0.71		<b>11</b> 0044 0.69		<b>26</b> 0101 0.56		<b>11</b> 0057 0.71		<b>26</b> 0047 0.54	
1342 0.20		1354 0.40		0636 1.93		0643 1.77		0628 1.73		0634 1.54		0550 1.38		0602 1.34	
SA 1855 0.87		SU 1905 1.07		TU 1415 0.29		WE 1321 0.48		WE 1332 0.43		TH 1228 0.55		SA 1047 0.78		SU 1110 0.66	
☉ 2301 0.63		2315 0.78		1952 1.19		1924 1.60		1922 1.49		1851 1.81		1805 2.03		1754 2.00	
<b>12</b> 0615 1.97		<b>27</b> 0628 2.04		<b>12</b> 0053 0.80		<b>27</b> 0122 0.70		<b>12</b> 0119 0.72		<b>27</b> 0127 0.55		<b>12</b> 0123 0.81		<b>27</b> 0114 0.62	
1413 0.24		1404 0.46		0658 1.88		0705 1.67		0648 1.66		0655 1.50		0556 1.32		0619 1.27	
SU 1926 0.92		MO 1924 1.21		WE 1428 0.45		TH 1324 0.51		TH 1333 0.60		FR 1237 0.57		SU 1052 0.72		MO 1124 0.64	
2328 0.70				2012 1.30		1940 1.67		1934 1.63		1905 1.87		1819 2.07		1817 1.96	
<b>13</b> 0641 2.03		<b>28</b> 0006 0.81		<b>13</b> 0125 0.86		<b>28</b> 0152 0.69		<b>13</b> 0150 0.77		<b>28</b> 0151 0.56		<b>13</b> 0149 0.91		<b>28</b> 0147 0.70	
1442 0.32		0651 1.98		0713 1.76		0724 1.55		0702 1.56		0714 1.44		0601 1.25		0633 1.16	
MO 1958 0.97		TU 1409 0.50		TH 1426 0.59		FR 1330 0.51		FR 1309 0.70		SA 1248 0.58		MO 1107 0.63		TU 1134 0.61	
2351 0.77		1945 1.34		2028 1.39		1957 1.68		1943 1.73		1921 1.87		1840 2.03		1845 1.88	
<b>14</b> 0703 2.00		<b>29</b> 0052 0.84		<b>14</b> 0157 0.90		<b>29</b> 0222 0.69		<b>14</b> 0216 0.82		<b>29</b> 0215 0.60		<b>14</b> 0221 1.00		<b>29</b> 0232 0.78	
1508 0.42		0711 1.86		0725 1.59		0743 1.40		0712 1.44		0732 1.35		0601 1.17		0640 1.00	
TU 2030 1.01		WE 1411 0.53		FR 1359 0.65		SA 1339 0.50		SA 1245 0.68		SU 1300 0.56		TU 1124 0.56		WE 1142 0.58	
		2009 1.41		2042 1.45		2017 1.63		1953 1.79		1941 1.81		1907 1.92		1918 1.75	
<b>15</b> 0017 0.84		<b>30</b> 0134 0.86		<b>15</b> 0232 0.94				<b>15</b> 0242 0.89		<b>30</b> 0242 0.65		<b>15</b> 1136 0.53		<b>30</b> 0401 0.82	
0721 1.89		0731 1.69		0733 1.40				0719 1.32		0745 1.22		1940 1.75		0609 0.84	
WE 1526 0.53		TH 1416 0.53		SA 1339 0.62				SU 1247 0.60		MO 1310 0.52		WE		TH 1139 0.57	
2104 1.06		2033 1.44		2103 1.47				2010 1.78		2006 1.70		☉		2000 1.59	
		<b>31</b> 0216 0.87						<b>31</b> 0315 0.73							
		0748 1.48						0751 1.06							
		FR 1423 0.51						TU 1319 0.47							
		2101 1.42						2039 1.56							

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Datum of Predictions is Lowest Astronomical Tide

Caution: Predictions are of secondary quality

Times are in local standard time (UTC +09:30) or daylight savings time (UTC +10:30) when in effect

Moon Phase Symbols ● New Moon ☾ First Quarter ☽ Full Moon ☾ Last Quarter

# FRANKLIN HARBOR – SOUTH AUSTRALIA

LAT 33° 45' S LONG 136° 55' 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>	1045 0.57	<b>16</b>	0924 0.84	<b>1</b>	0750 0.63	<b>16</b>	0535 0.78	<b>1</b>	0456 0.84	<b>16</b>	0121 0.72	<b>1</b>	0014 0.51	<b>16</b>	0456 0.69
FR	2112 1.41	SA	1846 1.36	MO	2147 1.01	TU	2238 0.80	WE	2324 0.75	TH	2324 0.64	SA	1500 1.79	SU	1505 1.51
☉															
<b>2</b>	0915 0.48	<b>17</b>	0755 0.78	<b>2</b>	0109 1.07	<b>17</b>	0226 0.87	<b>2</b>	1434 1.69	<b>17</b>	1415 1.51	<b>2</b>	0015 0.47	<b>17</b>	0451 0.76
SA		SU	2202 1.06	TU	0814 0.67	WE	0622 0.75	TH	2332 0.62	FR	2319 0.55	SU	1545 1.93	MO	0810 0.67
					1503 1.45		1420 1.54						1549 1.67		2350 0.29
					2220 0.81		2239 0.65								
<b>3</b>	0009 1.28	<b>18</b>	0129 1.13	<b>3</b>	0259 1.02	<b>18</b>	0328 0.88	<b>3</b>	1514 1.84	<b>18</b>	0410 0.77	<b>3</b>	0025 0.47	<b>18</b>	0513 0.87
0918 0.41		0758 0.72		0832 0.74		0708 0.72		2358 0.56		0706 0.69		0530 0.84		0921 0.67	
SU	1642 1.11	MO	1517 1.39	WE	1521 1.63	TH	1451 1.63	FR	1509 1.62	SA	1509 1.62	MO	0709 0.82	TU	1624 1.82
	2105 0.99		2211 0.83		2257 0.66		2301 0.55		2340 0.48		2340 0.48		1621 2.05		
<b>4</b>	0204 1.24	<b>19</b>	0248 1.07	<b>4</b>	0357 1.01	<b>19</b>	0404 0.92	<b>4</b>	0456 0.84	<b>19</b>	0436 0.82	<b>4</b>	0038 0.50	<b>19</b>	0011 0.27
0935 0.41		0810 0.69		0828 0.81		0754 0.71		0637 0.82		0807 0.68		0536 0.96		0538 1.00	
MO	1607 1.25	TU	1524 1.53	TH	1545 1.81	FR	1526 1.73	SA	1552 2.00	SU	1554 1.77	TU	0832 0.86	WE	1016 0.70
	2159 0.81		2235 0.65		2335 0.59		2329 0.51					○	1652 2.12	●	1655 1.92
<b>5</b>	0312 1.24	<b>20</b>	0338 1.06	<b>5</b>	0436 1.02	<b>20</b>	0434 0.97	<b>5</b>	0027 0.55	<b>20</b>	0007 0.43	<b>5</b>	0050 0.57	<b>20</b>	0033 0.31
0956 0.48		0829 0.68		0806 0.86		0837 0.71		0512 0.88		0506 0.89		0551 1.13		0603 1.15	
TU	1613 1.45	WE	1540 1.66	FR	1613 1.98	SA	1602 1.85	SU	0726 0.83	MO	0900 0.69	WE	0946 0.90	TH	1103 0.74
	2244 0.67		2301 0.54					○	1628 2.15		1632 1.92		1718 2.14		1723 1.96
<b>6</b>	0401 1.24	<b>21</b>	0416 1.09	<b>6</b>	0011 0.59	<b>21</b>	0000 0.50	<b>6</b>	0054 0.59	<b>21</b>	0034 0.41	<b>6</b>	0059 0.64	<b>21</b>	0052 0.41
1014 0.61		0855 0.69		0503 1.04		0502 1.03		0529 0.95		0538 0.97		0610 1.30		0626 1.29	
WE	1629 1.66	TH	1600 1.78	SA	0817 0.87	SU	0916 0.72	MO	0815 0.84	TU	0945 0.73	TH	1049 0.93	FR	1143 0.80
	2324 0.60		2328 0.48	○	1639 2.14	●	1635 1.97		1658 2.26	●	1704 2.05		1741 2.09		1747 1.92
<b>7</b>	0439 1.25	<b>22</b>	0445 1.14	<b>7</b>	0045 0.64	<b>22</b>	0033 0.52	<b>7</b>	0118 0.66	<b>22</b>	0102 0.42	<b>7</b>	0102 0.71	<b>22</b>	0107 0.56
1023 0.75		0924 0.70		0520 1.06		0529 1.07		0546 1.04		0610 1.04		0630 1.46		0647 1.41	
TH	1647 1.85	FR	1623 1.89	SU	0843 0.86	MO	0948 0.74	TU	0903 0.87	WE	1025 0.79	FR	1141 0.95	SA	1220 0.85
○			2355 0.48		1705 2.26		1708 2.08		1725 2.32		1732 2.13		1803 1.98		1807 1.82
<b>8</b>	0001 0.58	<b>23</b>	0510 1.19	<b>8</b>	0118 0.73	<b>23</b>	0106 0.55	<b>8</b>	0138 0.74	<b>23</b>	0128 0.47	<b>8</b>	0100 0.74	<b>23</b>	0111 0.70
0508 1.24		0952 0.72		0533 1.09		0558 1.08		0607 1.14		0643 1.12		0651 1.58		0704 1.50	
FR	0959 0.85	SA	1648 1.99	MO	0915 0.84	TU	1013 0.77	WE	0952 0.92	TH	1101 0.87	SA	1226 0.97	SU	1254 0.90
	1706 2.02	●			1729 2.34		1736 2.16		1749 2.30		1758 2.12		1824 1.82		1823 1.66
<b>9</b>	0034 0.63	<b>24</b>	0023 0.52	<b>9</b>	0149 0.83	<b>24</b>	0142 0.59	<b>9</b>	0153 0.80	<b>24</b>	0152 0.55	<b>9</b>	0100 0.75	<b>24</b>	0050 0.79
0527 1.23		0532 1.22		0546 1.12		0630 1.07		0633 1.24		0633 1.24		0714 1.63		0718 1.55	
SA	0940 0.86	SU	1016 0.73	TU	0947 0.83	WE	1032 0.81	TH	1042 0.98	FR	1135 0.94	SU	1310 0.97	MO	1328 0.95
	1722 2.15		1714 2.06		1753 2.35		1804 2.17		1812 2.20		1819 2.04		1845 1.62		1833 1.48
<b>10</b>	0106 0.73	<b>25</b>	0054 0.59	<b>10</b>	0217 0.90	<b>25</b>	0217 0.64	<b>10</b>	0201 0.84	<b>25</b>	0212 0.65	<b>10</b>	0106 0.73	<b>25</b>	0024 0.77
0536 1.22		0554 1.21		0605 1.15		0706 1.05		0704 1.33		0747 1.24		0740 1.62		0735 1.57	
SU	0952 0.82	MO	1036 0.73	WE	1020 0.85	TH	1049 0.86	FR	1134 1.06	SA	1214 1.01	MO	1354 0.97	TU	1406 1.01
	1740 2.24		1741 2.10		1818 2.28		1828 2.12		1833 2.03		1838 1.87		1903 1.41		1836 1.31
<b>11</b>	0136 0.84	<b>26</b>	0128 0.66	<b>11</b>	0243 0.95	<b>26</b>	0254 0.68	<b>11</b>	0204 0.85	<b>26</b>	0222 0.75	<b>11</b>	0114 0.70	<b>26</b>	0019 0.69
0543 1.21		0616 1.16		0633 1.15		0753 1.02		0743 1.38		0823 1.29		0812 1.55		0803 1.54	
MO	1013 0.76	TU	1051 0.72	TH	1049 0.91	FR	1106 0.93	SA	1231 1.13	SU	1300 1.07	TU	1441 0.97	WE	1502 1.09
	1800 2.26		1807 2.10		1841 2.12		1852 1.98		1853 1.79		1854 1.66		1913 1.21	●	1814 1.16
<b>12</b>	0208 0.95	<b>27</b>	0209 0.72	<b>12</b>	0309 0.95	<b>27</b>	0331 0.73	<b>12</b>	0210 0.83	<b>27</b>	0210 0.81	<b>12</b>	0121 0.66	<b>27</b>	0023 0.60
0550 1.18		0638 1.06		0717 1.14		0913 1.77		0832 1.40		0910 1.33		0858 1.44		0912 1.47	
TU	1036 0.71	WE	1101 0.72	FR	1112 1.00	SA		SU	1335 1.17	MO	1359 1.13	WE	1548 0.98	TH	
	1825 2.21		1836 2.04		1903 1.89				1909 1.53	●	1902 1.43	●	1857 1.03		
<b>13</b>	0248 1.02	<b>28</b>	0301 0.76	<b>13</b>	0336 0.92	<b>28</b>	0410 0.76	<b>13</b>	0221 0.79	<b>28</b>	0141 0.81	<b>13</b>	0123 0.62	<b>28</b>	0023 0.51
0559 1.13		0705 0.94		0840 1.12		1927 1.52		0936 1.40		1021 1.37		1015 1.33		1209 1.47	
WE	1056 0.70	TH	1108 0.74	SA	1047 1.11	SU		MO	1505 1.18	TU	1538 1.17	TH		FR	
	1851 2.07		1905 1.92	●	1916 1.62	●		●	1909 1.28		1838 1.22				
<b>14</b>	0357 1.04	<b>29</b>	0421 0.76	<b>14</b>	0409 0.88	<b>29</b>	0445 0.80	<b>14</b>	0236 0.76	<b>29</b>	0125 0.75	<b>14</b>	0110 0.59	<b>29</b>	0014 0.45
0602 1.06		0756 0.82		1820 1.35		1304 1.25		1055 1.40		1141 1.43		1215 1.29		1352 1.56	
TH	1106 0.74	FR	1053 0.78	SU		1521 1.24						FR		SA	
●	1918 1.87		1935 1.74			1851 1.27									
<b>15</b>	1050 0.80	<b>30</b>	0624 0.70	<b>15</b>	0449 0.83	<b>30</b>	0506 0.82	<b>15</b>	0249 0.73	<b>30</b>	0106 0.67	<b>15</b>	0023 0.54	<b>30</b>	0002 0.41
1936 1.62		2005 1.51		1335 1.36		1321 1.39		1207 1.41		1257 1.52		1403 1.37		1452 1.67	
FR		SA		MO		TU		WE		TH		SA	2332 0.46	SU	2351 0.39
		●													
		<b>31</b>	0720 0.64							<b>31</b>	0032 0.59			<b>31</b>	1535 1.77
		1928 1.27								FR	1404 1.64			MO	2349 0.41
		SU													

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Datum of Predictions is Lowest Astronomical Tide

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Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

# FRANKLIN HARBOR – SOUTH AUSTRALIA

LAT 33° 45' S LONG 136° 55' E

# 2020

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>	0516 0.94	<b>16</b>	0458 0.98	<b>1</b>	0443 1.36	<b>16</b>	0539 1.38	<b>1</b>	0532 1.84	<b>16</b>	0541 1.89	<b>1</b>	0529 1.87	<b>16</b>	0551 2.08
	0854 0.85		0952 0.63		1045 0.62		1154 0.47		1246 0.32		1317 0.40		1312 0.32		1409 0.45
TU	1610 1.83	WE	1609 1.62	TH	1628 1.50	FR	1731 1.37	SU	1813 1.21	MO	1820 1.05	TU	1826 1.04	WE	1841 0.85
	2353 0.45		2329 0.22		2250 0.53		2356 0.45	○	2304 0.61		2218 0.74		2255 0.60		2151 0.69
<b>2</b>	0518 1.12	<b>17</b>	0515 1.17	<b>2</b>	0455 1.57	<b>17</b>	0556 1.57	<b>2</b>	0550 1.92	<b>17</b>	0601 2.02	<b>2</b>	0555 1.93	<b>17</b>	0615 2.17
	1010 0.81		1042 0.60		1119 0.54		1233 0.44		1309 0.35		1352 0.51		1340 0.39		1439 0.56
WE	1640 1.85	TH	1642 1.68	FR	1656 1.49	SA	1802 1.36	MO	1834 1.23	TU	1833 1.03	WE	1847 1.05	TH	1851 0.89
○	2358 0.52	●	2348 0.32	○	2251 0.58	●			2325 0.62		2227 0.71		2319 0.60		2224 0.68
<b>3</b>	0531 1.34	<b>18</b>	0534 1.36	<b>3</b>	0509 1.74	<b>18</b>	0004 0.61	<b>3</b>	0610 1.96	<b>18</b>	0620 2.11	<b>3</b>	0621 1.97	<b>18</b>	0637 2.20
	1058 0.77		1124 0.60		1148 0.49		0613 1.74		1333 0.42		1425 0.64		1411 0.46		1506 0.66
TH	1708 1.84	FR	1712 1.68	SA	1722 1.47	SU	1308 0.47	TU	1851 1.22	WE	1837 1.02	TH	1908 1.02	FR	1905 0.94
					2256 0.62		1827 1.33		2344 0.62		2246 0.65		2337 0.60		2257 0.71
							2348 0.73								
<b>4</b>	0000 0.59	<b>19</b>	0004 0.48	<b>4</b>	0624 1.87	<b>19</b>	0627 1.87	<b>4</b>	0630 1.96	<b>19</b>	0639 2.15	<b>4</b>	0647 1.98	<b>19</b>	0658 2.15
	1732 1.78		0552 1.52		1314 0.48		1340 0.55		1358 0.51		1459 0.77		1446 0.52		1525 0.73
FR	2358 0.65	SA	1202 0.62	SU	1844 1.44	MO	1841 1.27	WE	1908 1.17	TH	1839 1.00	FR	1933 0.95	SA	1930 0.99
			1736 1.63				2322 0.75				2308 0.60		2351 0.61		2330 0.77
<b>5</b>	0600 1.70	<b>20</b>	0009 0.64	<b>5</b>	0006 0.64	<b>20</b>	0639 1.97	<b>5</b>	0000 0.59	<b>20</b>	0700 2.12	<b>5</b>	0712 1.93	<b>20</b>	0719 2.02
	1212 0.73		0606 1.66		0639 1.92		1410 0.67		0652 1.91		1538 0.86		1525 0.56		1537 0.76
SA	1754 1.70	SU	1235 0.67	MO	1338 0.51	TU	1848 1.21	TH	1428 0.59	FR	1845 0.98	SA	2003 0.86	SU	2008 1.02
	2358 0.67				1903 1.39		2324 0.69		1922 1.08		2328 0.59				
<b>6</b>	0616 1.79	<b>21</b>	0617 1.75	<b>6</b>	0019 0.64	<b>21</b>	0653 2.01	<b>6</b>	0012 0.56	<b>21</b>	0722 2.01	<b>6</b>	0002 0.64	<b>21</b>	0003 0.87
	1242 0.72		1304 0.75		0655 1.91		1438 0.80		0717 1.83		2341 0.63		0738 1.81		0737 1.80
SU	1815 1.59	MO	1806 1.43	TU	1400 0.56	WE	1848 1.15	FR	1507 0.67	SA		SU	1615 0.58	MO	1543 0.75
			2321 0.76		1920 1.32		2338 0.61		1933 0.94				2054 0.77		2110 1.05
<b>7</b>	0005 0.68	<b>22</b>	0625 1.80	<b>7</b>	0032 0.62	<b>22</b>	0710 1.99	<b>7</b>	0020 0.54	<b>22</b>	0743 1.82	<b>7</b>	0003 0.69	<b>22</b>	0035 1.00
	0633 1.81		1330 0.84		0713 1.85		1510 0.93		0744 1.70		2330 0.70		0804 1.63		0746 1.52
MO	1311 0.73	TU	1810 1.31	WE	1425 0.63	TH	1843 1.08	SA	1612 0.72	SU		MO	1725 0.57	TU	1552 0.72
	1834 1.46		2320 0.68		1933 1.21		2354 0.53		1926 0.78		○				
<b>8</b>	0014 0.66	<b>23</b>	0638 1.80	<b>8</b>	0043 0.58	<b>23</b>	0733 1.90	<b>8</b>	0020 0.54	<b>23</b>	0752 1.57	<b>8</b>	0825 1.39	<b>23</b>	0705 1.25
	0651 1.76		1358 0.95		0734 1.73				0816 1.53		2217 0.77		1852 0.55		1610 0.68
TU	1339 0.75	WE	1807 1.19	TH	1454 0.71	FR		SU	2335 0.54	MO		TU		WE	
	1850 1.31		2330 0.58		1939 1.07	○		○				○			
<b>9</b>	0024 0.63	<b>24</b>	0700 1.73	<b>9</b>	0053 0.53	<b>24</b>	0006 0.49	<b>9</b>	0854 1.32	<b>24</b>	0702 1.31	<b>9</b>	0804 1.13	<b>24</b>	0145 1.24
	0713 1.64		1444 1.05		0802 1.57		0758 1.74		2133 0.46		2016 0.72		1950 0.53		1636 0.66
WE	1410 0.79	TH	1739 1.11	FR	1541 0.80	SA		MO		TU		WE		TH	
	1859 1.15	○	2341 0.49		1920 0.91										
<b>10</b>	0032 0.58	<b>25</b>	0732 1.60	<b>10</b>	0057 0.49	<b>25</b>	0004 0.49	<b>10</b>	1154 1.10	<b>25</b>	0449 1.21	<b>10</b>	0330 1.12	<b>25</b>	0218 1.34
	0744 1.48		2344 0.43		0842 1.39		0819 1.52		2136 0.37		1140 0.90		2026 0.54		1221 0.58
TH	1453 0.86	FR		SA		SU	2342 0.52	TU		WE	1418 0.94	TH		FR	
○	1845 0.99			○							2019 0.66				
<b>11</b>	0038 0.53	<b>26</b>	0832 1.43	<b>11</b>	0043 0.46	<b>26</b>	0758 1.29	<b>11</b>	0458 1.03	<b>26</b>	0351 1.32	<b>11</b>	0329 1.28	<b>26</b>	0255 1.42
	0839 1.31		2335 0.41		1017 1.22		1102 1.25		0958 0.85		1116 0.66		1113 0.59		1154 0.43
FR		SA		SU	2328 0.41	MO	1333 1.27	WE	1437 1.04	TH	1548 0.88	FR	1558 0.78	SA	1659 0.67
					2259 0.54				2155 0.34		2032 0.62		2053 0.59		1920 0.63
<b>12</b>	0031 0.49	<b>27</b>	1332 1.44	<b>12</b>	1400 1.18	<b>27</b>	0624 1.13	<b>12</b>	0431 1.17	<b>27</b>	0357 1.46	<b>12</b>	0352 1.45	<b>27</b>	0333 1.49
	1110 1.20		2314 0.41		2253 0.30		1028 1.01		1041 0.64		1131 0.46		1144 0.42		1206 0.33
SA	2350 0.44	SU		MO		TU	1505 1.22	TH	1553 1.04	FR	1638 0.87	SA	1659 0.79	SU	1723 0.71
					2231 0.53				2217 0.39		2054 0.60		2102 0.65		2023 0.61
<b>13</b>	1349 1.27	<b>28</b>	1435 1.48	<b>13</b>	0558 0.88	<b>28</b>	0501 1.19	<b>13</b>	0439 1.36	<b>28</b>	0415 1.59	<b>13</b>	0421 1.62	<b>28</b>	0412 1.57
	2257 0.35		2254 0.42		0918 0.82		1052 0.78		1123 0.47		1154 0.33		1220 0.33		1229 0.28
SU		MO		TU	1520 1.25	WE	1559 1.19	FR	1645 1.05	SA	1713 0.90	SU	1739 0.80	MO	1744 0.76
					2259 0.23		2225 0.53		2238 0.48		2122 0.59		2049 0.70		2115 0.59
<b>14</b>	0551 0.74	<b>29</b>	0506 1.00	<b>14</b>	0518 1.00	<b>29</b>	0451 1.36	<b>14</b>	0458 1.55	<b>29</b>	0438 1.70	<b>14</b>	0453 1.79	<b>29</b>	0449 1.67
	0637 0.74		0919 0.88		1021 0.67		1123 0.58		1203 0.37		1220 0.27		1258 0.31		1255 0.26
MO	1451 1.40	TU	1518 1.51	WE	1611 1.30	TH	1642 1.16	SA	1726 1.06	SU	1742 0.95	MO	1807 0.82	TU	1806 0.82
	2255 0.25		2248 0.44		2317 0.23		2226 0.54		2250 0.61		2155 0.60		2057 0.71		2201 0.58
<b>15</b>	0449 0.83	<b>30</b>	0438 1.15	<b>15</b>	0523 1.18	<b>30</b>	0500 1.54	<b>15</b>	0520 1.73	<b>30</b>	0503 1.79	<b>15</b>	0523 1.94	<b>30</b>	0523 1.79
	0853 0.68		1006 0.74		1111 0.55		1153 0.43		1241 0.35		1246 0.28		1334 0.36		1324 0.28
TU	1533 1.53	WE	1555 1.51	TH	1654 1.35	FR	1718 1.16	SU	1758 1.06	MO	1805 1.00	TU	1827 0.83	WE	1830 0.88
	2310 0.20		2249 0.48		2337 0.31		2232 0.56	●	2237 0.71	○	2226 0.60	●	2120 0.70	○	2240 0.59
				<b>31</b>	0515 1.71									<b>31</b>	0554 1.90
					1220 0.35										1352 0.30
					SA 1747 1.18										TH 1857 0.92
					2246 0.59										2312 0.61

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