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# PIRATES BAY – TASMANIA

LAT 43° 2' S LONG 147° 58' E

Times and Heights of High and Low Waters

# 2024

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>	0116 0.65	<b>16</b>	0115 0.70	<b>1</b>	0152 0.80	<b>16</b>	0149 0.86	<b>1</b>	0105 0.88	<b>16</b>	0105 0.94	<b>1</b>	0154 0.99	<b>16</b>	0101 1.00
	0600 0.43		0631 0.40		0811 0.30		0837 0.22		0759 0.20		0820 0.14		0932 0.05		0843 0.04
MO	1214 0.91	TU	1234 0.84	TH	1406 0.70	FR	1439 0.64	FR	1400 0.63	SA	1434 0.59	MO	1611 0.57	TU	1528 0.59
	1926 0.11		1926 0.16		2004 0.28		2000 0.34		1914 0.35		1911 0.40		2003 0.46		1920 0.48
<b>2</b>	0200 0.68	<b>17</b>	0157 0.74	<b>2</b>	0235 0.85	<b>17</b>	0233 0.91	<b>2</b>	0148 0.92	<b>17</b>	0150 0.97	<b>2</b>	0245 0.99	<b>17</b>	0155 0.98
	0707 0.41		0740 0.36		0916 0.24		0940 0.17		0900 0.15		0918 0.09		1025 0.04		0932 0.04
TU	1312 0.85	WE	1337 0.77	FR	1516 0.65	SA	1550 0.61	SA	1512 0.60	SU	1545 0.58	TU	1709 0.59	WE	1618 0.61
	2010 0.15		2008 0.22		2045 0.33	☉	2043 0.39		1956 0.39	☉	1957 0.44	☉	2102 0.48		2026 0.48
<b>3</b>	0243 0.72	<b>18</b>	0238 0.78	<b>3</b>	0317 0.89	<b>18</b>	0317 0.94	<b>3</b>	0233 0.95	<b>18</b>	0237 0.99	<b>3</b>	0336 0.99	<b>18</b>	0249 0.96
	0817 0.38		0848 0.31		1019 0.18		1039 0.11		0959 0.10		1014 0.06		1114 0.03		1019 0.05
WE	1415 0.79	TH	1444 0.72	SA	1628 0.62	SU	1700 0.59	SU	1623 0.59	MO	1650 0.58	WE	1759 0.61	TH	1701 0.65
	2053 0.20	☉	2050 0.27	☉	2129 0.37		2128 0.42		2042 0.43		2047 0.46		2206 0.47		2133 0.46
<b>4</b>	0324 0.77	<b>19</b>	0320 0.83	<b>4</b>	0401 0.94	<b>19</b>	0404 0.98	<b>4</b>	0321 0.98	<b>19</b>	0327 1.00	<b>4</b>	0430 0.97	<b>19</b>	0345 0.93
	0927 0.33		0955 0.26		1117 0.12		1133 0.07		1054 0.06		1105 0.03		1200 0.03		1103 0.07
TH	1522 0.73	FR	1554 0.67	SU	1736 0.61	MO	1804 0.59	MO	1729 0.59	TU	1748 0.59	TH	1842 0.64	FR	1740 0.69
☉	2135 0.25		2131 0.32		2213 0.41		2216 0.44	☉	2132 0.45		2145 0.47		2311 0.46		2239 0.42
<b>5</b>	0405 0.82	<b>20</b>	0402 0.88	<b>5</b>	0446 0.97	<b>20</b>	0451 1.00	<b>5</b>	0409 1.00	<b>20</b>	0417 1.00	<b>5</b>	0525 0.94	<b>20</b>	0444 0.89
	1033 0.27		1058 0.19		1212 0.07		1224 0.03		1145 0.03		1154 0.02		1244 0.05		1145 0.10
FR	1630 0.69	SA	1703 0.64	MO	1838 0.60	TU	1900 0.60	TU	1826 0.60	WE	1838 0.62	FR	1920 0.68	SA	1817 0.73
	2217 0.30		2215 0.36		2300 0.43		2308 0.45		2227 0.46		2245 0.47		2343 0.38		2343 0.38
<b>6</b>	0446 0.87	<b>21</b>	0445 0.93	<b>6</b>	0532 1.00	<b>21</b>	0539 1.01	<b>6</b>	0459 1.00	<b>21</b>	0510 0.98	<b>6</b>	0604 0.43	<b>21</b>	0541 0.84
	1135 0.20		1155 0.13		1301 0.03		1312 0.01		1233 0.01		1240 0.02		0620 0.91		1224 0.14
SA	1738 0.66	SU	1810 0.62	TU	1934 0.61	WE	1950 0.62	WE	1915 0.62	TH	1920 0.64	SA	1325 0.08	SU	1852 0.78
	2259 0.34		2257 0.39		2347 0.44				2324 0.46		2346 0.45		1957 0.72		
<b>7</b>	0528 0.92	<b>22</b>	0529 0.97	<b>7</b>	0618 1.02	<b>22</b>	0601 0.46	<b>7</b>	0549 1.00	<b>22</b>	0602 0.96	<b>7</b>	0115 0.38	<b>22</b>	0043 0.32
	1231 0.14		1248 0.08		1349 0.01		1357 1.01		1318 0.01		1323 0.04		0615 0.87		0639 0.80
SU	1843 0.63	MO	1912 0.61	WE	2025 0.62	TH	2034 0.64	TH	1958 0.64	FR	1959 0.68	SU	1303 0.12	MO	1301 0.19
	2340 0.37		2341 0.41										1931 0.77		1928 0.83
<b>8</b>	0610 0.97	<b>23</b>	0613 1.00	<b>8</b>	0705 1.02	<b>23</b>	0716 0.99	<b>8</b>	0640 0.98	<b>23</b>	0656 0.93	<b>8</b>	0115 0.33	<b>23</b>	0141 0.27
	1325 0.08		1338 0.03		0705 1.02		0716 0.99		0640 0.98		0656 0.93		0712 0.82		0737 0.75
MO	1944 0.62	TU	2007 0.61	TH	1433 0.00	FR	1439 0.02	FR	1401 0.03	SA	1403 0.07	MO	1341 0.17	TU	1338 0.24
					2110 0.63		2115 0.66		2037 0.67		2035 0.71		2007 0.81		2004 0.88
<b>9</b>	0652 1.00	<b>24</b>	0658 1.02	<b>9</b>	0753 1.01	<b>24</b>	0807 0.96	<b>9</b>	0731 0.95	<b>24</b>	0750 0.89	<b>9</b>	0213 0.28	<b>24</b>	0237 0.21
	0652 1.00		0658 1.02		0753 1.01		0807 0.96		0731 0.95		0750 0.89		0809 0.76		0835 0.70
TU	1415 0.04	WE	1426 0.01	FR	1516 0.01	SA	1520 0.04	SA	1442 0.05	SU	1443 0.11	TU	1416 0.22	WE	1414 0.28
	2040 0.61		2059 0.61		2151 0.65	☉	2152 0.69		2114 0.70		2111 0.75	☉	2043 0.86	☉	2041 0.92
<b>10</b>	0735 1.03	<b>25</b>	0743 1.03	<b>10</b>	0842 0.98	<b>25</b>	0858 0.92	<b>10</b>	0824 0.90	<b>25</b>	0845 0.84	<b>10</b>	0310 0.23	<b>25</b>	0332 0.16
	0735 1.03		0743 1.03		0842 0.98		0858 0.92		0824 0.90		0845 0.84		0907 0.71		0935 0.65
WE	1501 0.01	TH	1511 -0.00	SA	1559 0.04	SU	1600 0.08	SU	1521 0.09	MO	1520 0.16	WE	1452 0.27	TH	1449 0.33
	2131 0.61		2145 0.62	☉	2231 0.67		2230 0.72	☉	2150 0.74	☉	2146 0.80		2120 0.91		2120 0.96
<b>11</b>	0820 1.03	<b>26</b>	0830 1.02	<b>11</b>	0932 0.93	<b>26</b>	0951 0.87	<b>11</b>	0917 0.85	<b>26</b>	0941 0.78	<b>11</b>	0407 0.18	<b>26</b>	0428 0.12
	0820 1.03		0830 1.02		0932 0.93		0951 0.87		0917 0.85		0941 0.78		1008 0.66		1037 0.61
TH	1548 0.00	FR	1555 0.01	SU	1639 0.08	MO	1639 0.13	MO	1559 0.14	TU	1557 0.21	TH	1529 0.32	FR	1526 0.37
☉	2220 0.62	☉	2229 0.64		2310 0.70		2307 0.76		2226 0.78		2223 0.84		2200 0.94		2201 0.99
<b>12</b>	0905 1.02	<b>27</b>	0917 0.99	<b>12</b>	1026 0.88	<b>27</b>	1047 0.80	<b>12</b>	0917 0.85	<b>27</b>	0941 0.78	<b>12</b>	0504 0.14	<b>27</b>	0522 0.08
	0905 1.02		0917 0.99		1026 0.88		1047 0.80		0917 0.85		0941 0.78		1112 0.62		1141 0.59
FR	1632 0.01	SA	1638 0.03	MO	1719 0.13	TU	1717 0.19	TU	1636 0.20	WE	1632 0.26	FR	1605 0.37	SA	1605 0.41
	2307 0.63		2311 0.66		2348 0.74		2345 0.80		2303 0.82		2300 0.89		2241 0.97		2245 1.01
<b>13</b>	0953 1.00	<b>28</b>	1007 0.95	<b>13</b>	1122 0.82	<b>28</b>	1147 0.74	<b>13</b>	1113 0.73	<b>28</b>	1142 0.67	<b>13</b>	0600 0.10	<b>28</b>	0615 0.06
	0953 1.00		1007 0.95		1122 0.82		1147 0.74		1113 0.73		1142 0.67		1217 0.59		1245 0.57
SA	1716 0.03	SU	1719 0.07	TU	1759 0.18	WE	1755 0.25	WE	1714 0.25	TH	1709 0.31	SA	1645 0.41	SU	1648 0.44
	2350 0.64		2351 0.68						2342 0.86		2341 0.92		2325 0.99		2330 1.01
<b>14</b>	1043 0.95	<b>29</b>	1100 0.89	<b>14</b>	1223 0.75	<b>29</b>	1252 0.68	<b>14</b>	1216 0.67	<b>29</b>	1247 0.62	<b>14</b>	0657 0.07	<b>29</b>	0709 0.04
	1043 0.95		1100 0.89		1223 0.75		1252 0.68		1216 0.67		1247 0.62		1325 0.57		1347 0.57
SU	1800 0.07	MO	1800 0.12	WE	1838 0.24	TH	1834 0.30	TH	1750 0.31	FR	1746 0.36	SU	1729 0.44	MO	1740 0.46
<b>15</b>	1136 0.90	<b>30</b>	1158 0.83	<b>15</b>	1329 0.69	<b>30</b>	1356 0.59	<b>15</b>	1323 0.62	<b>30</b>	1356 0.59	<b>15</b>	0751 0.05	<b>30</b>	0800 0.04
	1136 0.90		1158 0.83		1329 0.69		1356 0.59		1323 0.62		1356 0.59		1430 0.57		1445 0.59
MO	1843 0.11	TU	1842 0.17	TH	1918 0.29			FR	1830 0.36	SA	1827 0.40	MO	1430 0.57	TU	1445 0.59
													1820 0.46		1839 0.47
<b>31</b>	0703 0.34	<b>31</b>	0703 0.34					<b>31</b>	0107 0.98						
	0703 0.34		0703 0.34						0837 0.08						
	1300 0.76		1300 0.76						1505 0.57						
	1923 0.23		1923 0.23						1912 0.44						

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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

# PIRATES BAY – TASMANIA

LAT 43° 2' S LONG 147° 58' E

Times and Heights of High and Low Waters

# 2024

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> 0113 0.98 0850 0.05 WE 1535 0.61 ☉ 1945 0.47		<b>16</b> 0128 0.93 0854 0.08 TH 1535 0.65 2017 0.45		<b>1</b> 0249 0.82 0939 0.17 SA 1611 0.75 2159 0.35		<b>16</b> 0316 0.75 0936 0.23 SU 1606 0.81 2227 0.28		<b>1</b> 0347 0.69 0933 0.30 MO 1602 0.87 2251 0.20		<b>16</b> 0419 0.64 0930 0.36 TU 1600 0.93 2311 0.13		<b>1</b> 0553 0.60 1015 0.43 TH 1647 1.01		<b>16</b> 0615 0.60 1023 0.45 FR 1654 1.02		
<b>2</b> 0209 0.94 0937 0.06 TH 1619 0.65 2056 0.45		<b>17</b> 0227 0.89 0939 0.11 FR 1615 0.69 2128 0.41		<b>2</b> 0354 0.77 1020 0.21 SU 1649 0.80 2302 0.29		<b>17</b> 0423 0.71 1017 0.28 MO 1645 0.87 2327 0.21		<b>2</b> 0454 0.66 1015 0.34 TU 1644 0.93 2347 0.14		<b>17</b> 0525 0.62 1013 0.39 WE 1644 0.97		<b>2</b> 0016 0.03 0649 0.61 FR 1102 0.44 1733 1.02		<b>17</b> 0027 0.01 0704 0.62 SA 1115 0.45 1743 1.01		
<b>3</b> 0307 0.91 1022 0.09 FR 1700 0.69 2204 0.42		<b>18</b> 0328 0.84 1022 0.14 SA 1654 0.74 2234 0.36		<b>3</b> 0458 0.73 1100 0.25 MO 1728 0.86		<b>18</b> 0528 0.67 1057 0.32 TU 1725 0.92		<b>3</b> 0558 0.63 1055 0.37 WE 1725 0.97		<b>18</b> 0003 0.07 0626 0.61 TH 1056 0.41 1728 1.01		<b>3</b> 0103 0.01 0739 0.61 SA 1152 0.44 1820 1.02		<b>18</b> 0111 0.00 0747 0.63 SU 1210 0.44 1831 1.00		
<b>4</b> 0406 0.87 1104 0.12 SA 1736 0.74 2309 0.37		<b>19</b> 0430 0.80 1102 0.19 SU 1731 0.80 2336 0.30		<b>4</b> 0001 0.22 0600 0.69 TU 1139 0.29 1805 0.91		<b>19</b> 0022 0.15 0630 0.65 WE 1136 0.35 1805 0.97		<b>4</b> 0040 0.08 0658 0.62 TH 1136 0.40 1807 1.01		<b>19</b> 0053 0.03 0721 0.61 FR 1141 0.43 1812 1.03		<b>4</b> 0148 0.00 0824 0.63 SU 1244 0.44 ☉ 1907 1.01		<b>19</b> 0154 0.02 0828 0.66 MO 1306 0.43 1921 0.97		
<b>5</b> 0506 0.82 1144 0.16 SU 1813 0.79		<b>20</b> 0532 0.75 1142 0.23 MO 1808 0.85		<b>5</b> 0057 0.16 0701 0.66 WE 1216 0.33 1845 0.96		<b>20</b> 0115 0.09 0730 0.63 TH 1215 0.38 1845 1.00		<b>5</b> 0129 0.04 0754 0.61 FR 1218 0.42 1850 1.03		<b>20</b> 0140 0.01 0813 0.61 SA 1228 0.44 1857 1.03		<b>5</b> 0231 0.01 0906 0.65 MO 1338 0.43 1956 0.98		<b>20</b> 0234 0.05 0906 0.69 TU 1404 0.41 ☉ 2013 0.92		
<b>6</b> 0010 0.31 0605 0.78 MO 1222 0.21 1848 0.84		<b>21</b> 0035 0.24 0632 0.71 TU 1218 0.27 1845 0.90		<b>6</b> 0149 0.11 0800 0.63 TH 1254 0.37 ☉ 1924 1.00		<b>21</b> 0204 0.05 0826 0.61 FR 1255 0.40 1928 1.03		<b>6</b> 0216 0.01 0846 0.61 SA 1302 0.43 ☉ 1934 1.04		<b>21</b> 0226 0.00 0900 0.62 SU 1317 0.44 ☉ 1944 1.02		<b>6</b> 0314 0.04 0945 0.67 TU 1435 0.41 2046 0.93		<b>21</b> 0315 0.09 0944 0.72 WE 1503 0.38 2106 0.86		
<b>7</b> 0108 0.25 0704 0.73 TU 1259 0.25 1925 0.89		<b>22</b> 0130 0.17 0732 0.67 WE 1255 0.31 1923 0.95		<b>7</b> 0240 0.06 0858 0.61 FR 1332 0.39 2005 1.02		<b>22</b> 0253 0.02 0920 0.60 SA 1338 0.42 ☉ 2011 1.04		<b>7</b> 0302 0.00 0935 0.61 SU 1350 0.44 2019 1.02		<b>22</b> 0309 0.01 0944 0.63 MO 1410 0.43 2031 0.99		<b>7</b> 0354 0.08 1025 0.70 WE 1535 0.39 2140 0.88		<b>22</b> 0353 0.14 1021 0.76 TH 1604 0.34 2202 0.80		
<b>8</b> 0204 0.19 0804 0.69 WE 1334 0.30 ☉ 2002 0.94		<b>23</b> 0224 0.12 0831 0.64 TH 1331 0.35 ☉ 2002 0.99		<b>8</b> 0330 0.03 0954 0.60 SA 1414 0.42 2048 1.03		<b>23</b> 0340 0.01 1012 0.60 SU 1424 0.44 2056 1.03		<b>8</b> 0347 0.01 1021 0.62 MO 1443 0.44 2107 1.00		<b>23</b> 0352 0.04 1025 0.65 TU 1507 0.42 2122 0.94		<b>8</b> 0434 0.13 1103 0.73 TH 1638 0.36 2237 0.81		<b>23</b> 0432 0.19 1100 0.80 FR 1707 0.30 2303 0.74		
<b>9</b> 0258 0.14 0903 0.65 TH 1411 0.34 2041 0.98		<b>24</b> 0315 0.08 0930 0.61 FR 1410 0.38 2044 1.01		<b>9</b> 0418 0.02 1048 0.59 SU 1459 0.43 2133 1.03		<b>24</b> 0427 0.02 1100 0.61 MO 1515 0.44 2144 1.00		<b>9</b> 0432 0.04 1106 0.64 TU 1539 0.43 2158 0.95		<b>24</b> 0434 0.07 1106 0.68 WE 1608 0.41 2215 0.89		<b>9</b> 0515 0.18 1143 0.77 FR 1743 0.32 2339 0.75		<b>24</b> 0510 0.25 1140 0.84 SA 1812 0.25		
<b>10</b> 0351 0.10 1003 0.61 FR 1447 0.38 2122 1.00		<b>25</b> 0406 0.05 1029 0.59 SA 1449 0.41 2126 1.03		<b>10</b> 0506 0.02 1141 0.60 MO 1549 0.45 2221 1.00		<b>25</b> 0513 0.04 1148 0.62 TU 1612 0.44 2234 0.96		<b>10</b> 0515 0.07 1149 0.66 WE 1641 0.42 2252 0.90		<b>25</b> 0516 0.12 1146 0.71 TH 1712 0.38 2313 0.82		<b>10</b> 0554 0.24 1224 0.82 SA 1849 0.28		<b>25</b> 0008 0.68 0549 0.30 SU 1221 0.88 1915 0.20		
<b>11</b> 0444 0.07 1104 0.59 SA 1526 0.41 2205 1.02		<b>26</b> 0457 0.03 1126 0.58 SU 1533 0.44 2212 1.02		<b>11</b> 0554 0.04 1231 0.61 TU 1646 0.45 2313 0.96		<b>26</b> 0558 0.07 1233 0.65 WE 1715 0.44 2330 0.91		<b>11</b> 0559 0.12 1231 0.70 TH 1747 0.40 2350 0.83		<b>26</b> 0558 0.18 1228 0.75 FR 1819 0.34		<b>11</b> 0045 0.69 0634 0.30 SU 1306 0.86 1954 0.22		<b>26</b> 0117 0.63 0630 0.35 MO 1304 0.92 ☉ 2016 0.15		
<b>12</b> 0536 0.04 1205 0.58 SU 1610 0.44 2250 1.02		<b>27</b> 0546 0.03 1222 0.59 MO 1624 0.45 2300 1.00		<b>12</b> 0641 0.06 1319 0.63 WE 1751 0.45		<b>27</b> 0643 0.11 1317 0.68 TH 1824 0.42		<b>12</b> 0642 0.17 1313 0.74 FR 1857 0.36		<b>27</b> 0015 0.76 0639 0.23 SA 1309 0.80 1928 0.30		<b>12</b> 0156 0.64 0715 0.34 MO 1349 0.91 2057 0.17		<b>27</b> 0230 0.60 0712 0.40 TU 1350 0.96 2115 0.10		
<b>13</b> 0627 0.04 1304 0.58 MO 1700 0.46 2339 1.00		<b>28</b> 0635 0.04 1315 0.60 TU 1722 0.46 2352 0.97		<b>13</b> 0008 0.91 0726 0.10 TH 1403 0.67 1900 0.43		<b>28</b> 0029 0.85 0726 0.15 FR 1400 0.72 1934 0.38		<b>13</b> 0053 0.77 0724 0.22 SA 1355 0.78 2006 0.31		<b>28</b> 0123 0.70 0720 0.28 SU 1351 0.85 ☉ 2033 0.24		<b>13</b> 0307 0.61 0759 0.39 TU 1434 0.95 ☉ 2155 0.11		<b>28</b> 0340 0.58 0759 0.43 WE 1437 0.98 2210 0.06		
<b>14</b> 0718 0.04 1400 0.59 TU 1800 0.47		<b>29</b> 0724 0.06 1404 0.62 WE 1828 0.46		<b>14</b> 0107 0.86 0811 0.14 FR 1445 0.71 ☉ 2013 0.39		<b>29</b> 0131 0.79 0810 0.20 SA 1441 0.77 ☉ 2044 0.33		<b>14</b> 0200 0.72 0806 0.27 SU 1436 0.83 ☉ 2112 0.25		<b>29</b> 0233 0.65 0802 0.33 MO 1434 0.89 2136 0.18		<b>14</b> 0416 0.60 0845 0.42 WE 1520 0.98 2249 0.06		<b>29</b> 0445 0.59 0848 0.45 TH 1525 1.00 2300 0.03		
<b>15</b> 0031 0.97 0807 0.05 WE 1450 0.62 ☉ 1906 0.47		<b>30</b> 0047 0.92 0811 0.09 TH 1450 0.66 1939 0.44		<b>15</b> 0211 0.80 0855 0.19 SA 1526 0.76 2121 0.34		<b>30</b> 0239 0.73 0852 0.25 SU 1521 0.82 2150 0.27		<b>15</b> 0311 0.67 0848 0.32 MO 1518 0.88 2214 0.19		<b>30</b> 0344 0.62 0845 0.37 TU 1518 0.94 2233 0.12		<b>15</b> 0519 0.59 0932 0.44 TH 1607 1.00 2339 0.03		<b>30</b> 0541 0.60 0943 0.46 FR 1615 1.01 2348 0.01		
		<b>31</b> 0147 0.87 0856 0.12 FR 1531 0.70 ☉ 2050 0.40												<b>31</b> 0629 0.62 1039 0.46 SA 1704 1.00		

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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

# PIRATES BAY – TASMANIA

LAT 43° 2' S LONG 147° 58' E

Times and Heights of High and Low Waters

# 2024

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> 0033 0.01		<b>16</b> 0037 0.04		<b>1</b> 0039 0.08		<b>16</b> 0139 0.14		<b>1</b> 0213 0.25		<b>16</b> 0209 0.31		<b>1</b> 0207 0.36		<b>16</b> 0209 0.40	
0712 0.64		0714 0.68		0711 0.72		0807 0.78		0839 0.89		0838 0.95		0838 1.00		0842 1.03	
SU 1136 0.45		MO 1202 0.42		TU 1230 0.38		WE 1357 0.32		FR 1518 0.19		SA 1538 0.12		SU 1555 0.06		MO 1608 0.02	
1755 0.98		1811 0.93		1830 0.87		1953 0.80		● 2118 0.68		○ 2145 0.64		● 2212 0.61		MO 2234 0.60	
<b>2</b> 0115 0.03		<b>17</b> 0118 0.07		<b>2</b> 0117 0.12		<b>17</b> 0215 0.19		<b>2</b> 0248 0.30		<b>17</b> 0245 0.35		<b>2</b> 0245 0.39		<b>17</b> 0251 0.42	
0751 0.67		0749 0.71		0745 0.77		0842 0.83		0916 0.94		0916 0.99		0919 1.02		0926 1.04	
MO 1234 0.43		TU 1301 0.39		WE 1329 0.33		TH 1455 0.26		SA 1613 0.14		SU 1630 0.08		MO 1645 0.04		TU 1655 0.01	
1845 0.95		1904 0.89		1926 0.82		○ 2051 0.75		2217 0.64		2245 0.61		2309 0.60		2326 0.60	
<b>3</b> 0157 0.05		<b>18</b> 0157 0.11		<b>3</b> 0155 0.17		<b>18</b> 0252 0.24		<b>3</b> 0324 0.34		<b>18</b> 0323 0.39		<b>3</b> 0327 0.42		<b>18</b> 0337 0.44	
0828 0.70		0825 0.75		0821 0.81		0918 0.88		0955 0.98		0958 1.01		1002 1.03		1011 1.03	
TU 1333 0.40		WE 1400 0.35		TH 1427 0.28		FR 1551 0.21		SU 1706 0.10		MO 1721 0.05		TU 1733 0.02		WE 1742 0.02	
● 1938 0.91		○ 1959 0.83		● 2023 0.76		2149 0.70		2318 0.61		2344 0.59					
<b>4</b> 0235 0.10		<b>19</b> 0234 0.16		<b>4</b> 0230 0.22		<b>19</b> 0327 0.29		<b>4</b> 0400 0.38		<b>19</b> 0402 0.41		<b>4</b> 0003 0.59		<b>19</b> 0016 0.60	
0904 0.74		0900 0.80		0858 0.86		0956 0.92		1036 1.00		1041 1.03		0412 0.44		0429 0.44	
WE 1431 0.36		TH 1500 0.30		FR 1525 0.23		SA 1647 0.16		MO 1800 0.07		TU 1813 0.04		WE 1048 1.02		TH 1059 1.00	
2032 0.85		2055 0.78		2122 0.71		2250 0.65						1822 0.03		1828 0.04	
<b>5</b> 0314 0.15		<b>20</b> 0311 0.21		<b>5</b> 0306 0.28		<b>20</b> 0402 0.33		<b>5</b> 0020 0.59		<b>20</b> 0043 0.58		<b>5</b> 0057 0.59		<b>20</b> 0104 0.62	
0941 0.78		0937 0.84		0935 0.90		1034 0.96		0440 0.41		0447 0.44		0502 0.45		0527 0.45	
TH 1531 0.32		FR 1559 0.25		SA 1622 0.18		SU 1743 0.12		TU 1119 1.02		WE 1127 1.02		TH 1136 1.00		FR 1150 0.96	
2129 0.79		2155 0.72		2223 0.65		2352 0.61		1852 0.05		1902 0.03		1910 0.04		1914 0.07	
<b>6</b> 0351 0.20		<b>21</b> 0346 0.27		<b>6</b> 0443 0.32		<b>21</b> 0440 0.37		<b>6</b> 0122 0.57		<b>21</b> 0139 0.58		<b>6</b> 0147 0.61		<b>21</b> 0150 0.64	
1017 0.82		1015 0.88		1115 0.94		1115 0.99		0524 0.44		0538 0.45		0601 0.46		0630 0.44	
FR 1632 0.28		SA 1658 0.21		SU 1820 0.14		MO 1838 0.09		WE 1206 1.01		TH 1215 1.00		FR 1228 0.96		SA 1245 0.90	
2229 0.73		2257 0.66						1944 0.04		1952 0.04		1957 0.07		1959 0.11	
<b>7</b> 0428 0.26		<b>22</b> 0423 0.32		<b>7</b> 0028 0.61		<b>22</b> 0057 0.58		<b>7</b> 0221 0.58		<b>22</b> 0232 0.60		<b>7</b> 0235 0.63		<b>22</b> 0233 0.68	
1057 0.86		1055 0.92		0519 0.37		0519 0.41		0615 0.46		0637 0.46		0707 0.45		0740 0.42	
SA 1734 0.23		SU 1758 0.16		MO 1156 0.97		TU 1200 1.00		TH 1255 1.00		FR 1308 0.97		SA 1324 0.91		SU 1345 0.84	
2332 0.67				1916 0.10		1932 0.06		2034 0.04		2040 0.06		2043 0.10		2043 0.16	
<b>8</b> 0505 0.31		<b>23</b> 0003 0.62		<b>8</b> 0134 0.58		<b>23</b> 0201 0.57		<b>8</b> 0317 0.59		<b>23</b> 0322 0.62		<b>8</b> 0320 0.67		<b>23</b> 0315 0.72	
1138 0.90		0500 0.37		0600 0.41		0603 0.44		0715 0.47		0745 0.46		0817 0.43		0851 0.38	
SU 1836 0.18		MO 1138 0.95		TU 1241 0.99		WE 1246 1.01		FR 1348 0.97		SA 1404 0.92		SU 1424 0.86		MO 1448 0.79	
		1857 0.12		2013 0.07		2026 0.04		2124 0.05		● 2127 0.09		2128 0.14		● 2126 0.20	
<b>9</b> 0040 0.62		<b>24</b> 0113 0.58		<b>9</b> 0242 0.57		<b>24</b> 0304 0.57		<b>9</b> 0407 0.62		<b>24</b> 0406 0.66		<b>9</b> 0401 0.71		<b>24</b> 0357 0.77	
0545 0.36		0542 0.41		0645 0.44		0655 0.46		0823 0.47		0856 0.44		0930 0.39		1000 0.33	
MO 1221 0.94		TU 1223 0.98		WE 1328 1.00		TH 1336 1.00		SA 1445 0.93		SU 1503 0.87		MO 1528 0.80		TU 1556 0.73	
1937 0.14		1954 0.08		2108 0.05		● 2117 0.04		● 2211 0.08		2212 0.12		● 2211 0.19		2208 0.25	
<b>10</b> 0151 0.59		<b>25</b> 0222 0.57		<b>10</b> 0346 0.57		<b>25</b> 0401 0.59		<b>10</b> 0451 0.65		<b>25</b> 0447 0.70		<b>10</b> 0442 0.76		<b>25</b> 0438 0.82	
0627 0.40		0628 0.44		0737 0.47		0756 0.48		0934 0.45		1007 0.40		1038 0.34		1106 0.26	
TU 1306 0.97		WE 1311 0.99		TH 1418 1.00		FR 1430 0.98		SU 1544 0.89		MO 1606 0.82		TU 1633 0.75		WE 1703 0.69	
2035 0.09		● 2049 0.05		2200 0.04		2206 0.05		2255 0.11		2255 0.17		2252 0.23		2249 0.30	
<b>11</b> 0301 0.58		<b>26</b> 0328 0.58		<b>11</b> 0445 0.59		<b>26</b> 0451 0.62		<b>11</b> 0531 0.70		<b>26</b> 0526 0.75		<b>11</b> 0521 0.82		<b>26</b> 0518 0.88	
0713 0.44		0720 0.46		0837 0.48		0902 0.47		1044 0.41		1115 0.35		1142 0.27		1206 0.20	
WE 1354 0.99		TH 1400 1.00		FR 1511 0.98		SA 1525 0.95		MO 1645 0.84		TU 1710 0.78		WE 1739 0.71		TH 1810 0.66	
● 2130 0.06		2141 0.03		● 2248 0.04		2253 0.06		2338 0.14		2336 0.21		2332 0.27		2330 0.33	
<b>12</b> 0407 0.58		<b>27</b> 0425 0.59		<b>12</b> 0534 0.61		<b>27</b> 0534 0.65		<b>12</b> 0609 0.75		<b>27</b> 0604 0.81		<b>12</b> 0600 0.87		<b>27</b> 0559 0.93	
0804 0.46		0819 0.47		0943 0.47		1012 0.45		1149 0.36		1217 0.29		1242 0.21		1301 0.13	
TH 1443 1.00		FR 1452 0.99		SA 1606 0.96		SU 1623 0.91		TU 1745 0.80		WE 1813 0.73		TH 1843 0.68		FR 1913 0.63	
2221 0.03		2230 0.03		2335 0.05		2337 0.09									
<b>13</b> 0504 0.59		<b>28</b> 0514 0.62		<b>13</b> 0616 0.65		<b>28</b> 0614 0.69		<b>13</b> 0017 0.18		<b>28</b> 0015 0.25		<b>13</b> 0012 0.31		<b>28</b> 0010 0.37	
0900 0.47		0922 0.47		1049 0.45		1119 0.42		0646 0.80		0642 0.86		0640 0.92		0640 0.98	
FR 1534 1.00		SA 1545 0.97		SU 1702 0.93		MO 1722 0.87		WE 1251 0.30		TH 1315 0.22		FR 1337 0.14		SA 1354 0.08	
2310 0.02		2315 0.03						1846 0.75		1915 0.69		1945 0.65		2012 0.62	
<b>14</b> 0552 0.62		<b>29</b> 0557 0.65		<b>14</b> 0018 0.07		<b>29</b> 0019 0.12		<b>14</b> 0056 0.23		<b>29</b> 0053 0.29		<b>14</b> 0050 0.35		<b>29</b> 0050 0.39	
1000 0.47		1026 0.45		0655 0.69		0650 0.74		0723 0.85		0719 0.92		0719 0.97		0721 1.01	
SA 1626 0.99		SU 1640 0.95		MO 1155 0.42		TU 1224 0.37		TH 1349 0.23		FR 1411 0.16		SA 1429 0.09		SU 1444 0.04	
2355 0.02		2359 0.05		1759 0.89		1821 0.82		1947 0.71		2015 0.66		2044 0.63		2108 0.61	
<b>15</b> 0634 0.64		<b>30</b> 0634 0.68		<b>15</b> 0100 0.10		<b>30</b> 0059 0.16		<b>15</b> 0133 0.27		<b>30</b> 0130 0.33		<b>15</b> 0129 0.38		<b>30</b> 0132 0.41	
1101 0.45		1129 0.42		0731 0.73		0727 0.79		0800 0.91		0759 0.96		0800 1.01		0804 1.03	
SU 1717 0.97		MO 1735 0.91		TU 1257 0.37		WE 1325 0.31		FR 1445 0.17		SA 1503 0.10		SU 1519 0.05		MO 1531 0.01	
				1856 0.85		1920 0.78		2046 0.67		2115 0.63		○ 2140 0.61		2200 0.61	
				<b>31</b> 0136 0.21										<b>31</b> 0216 0.43	
				0802 0.84										0848 1.04	
				TH 1422 0.25										TU 1617 0.01	
				2019 0.73										● 2249 0.61	

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