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# MELBOURNE (WILLIAMSTOWN) – VICTORIA

LAT 37° 52' S LONG 144° 55' E

Times and Heights of High and Low Waters

# 2023

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> 0402 0.37		<b>16</b> 0314 0.37		<b>1</b> 0000 0.82		<b>16</b> 0417 0.50		<b>1</b> 0403 0.45		<b>16</b> 0324 0.50		<b>1</b> 0456 0.52		<b>16</b> 0354 0.54	
1019 0.93		0934 0.91		0512 0.49		1003 0.91		0945 0.90		0857 0.91		1027 0.81		0930 0.86	
SU 1713 0.29		MO 1616 0.30		WE 1100 0.88		TH 1719 0.21		WE 1643 0.22		TH 1607 0.22		SA 1721 0.28		SU 1621 0.29	
2315 0.81		2219 0.80		1814 0.23				2323 0.85		2240 0.85				2313 0.85	
<b>2</b> 0449 0.43		<b>17</b> 0354 0.42		<b>2</b> 0109 0.81		<b>17</b> 0001 0.80		<b>2</b> 0442 0.49		<b>17</b> 0404 0.53		<b>2</b> 0023 0.82		<b>17</b> 0502 0.51	
1059 0.91		1005 0.91		0604 0.54		0508 0.55		1022 0.87		0937 0.90		0446 0.54		1048 0.83	
MO 1807 0.26		TU 1700 0.27		TH 1144 0.85		FR 1048 0.89		TH 1724 0.23		FR 1652 0.21		SU 1021 0.76		MO 1726 0.33	
		2317 0.79		1905 0.23		1816 0.19				2339 0.82		1713 0.32			
<b>3</b> 0030 0.81		<b>18</b> 0441 0.49		<b>3</b> 0216 0.82		<b>18</b> 0127 0.78		<b>3</b> 0020 0.82		<b>18</b> 0453 0.54		<b>3</b> 0022 0.80		<b>18</b> 0012 0.85	
0545 0.50		1040 0.90		0716 0.58		0614 0.58		0526 0.52		1030 0.88		0602 0.53		0629 0.46	
TU 1142 0.89		WE 1751 0.24		FR 1234 0.80		SA 1150 0.86		FR 1103 0.83		SA 1746 0.22		MO 1135 0.72		TU 1218 0.82	
1901 0.24				2003 0.23		1926 0.19		1812 0.25				1823 0.36		1847 0.38	
<b>4</b> 0145 0.83		<b>19</b> 0030 0.79		<b>4</b> 0321 0.82		<b>19</b> 0249 0.78		<b>4</b> 0126 0.80		<b>19</b> 0049 0.80		<b>4</b> 0123 0.79		<b>19</b> 0114 0.85	
0656 0.55		0537 0.56		0849 0.58		0741 0.59		0622 0.55		0600 0.55		0740 0.49		0754 0.39	
WE 1229 0.86		TH 1124 0.89		SA 1332 0.77		SU 1308 0.83		SA 1155 0.78		SU 1141 0.84		TU 1302 0.71		WE 1354 0.85	
1956 0.23		1850 0.21		2102 0.22		2040 0.18		1911 0.26		1855 0.24		1947 0.38		2019 0.42	
<b>5</b> 0253 0.85		<b>20</b> 0201 0.80		<b>5</b> 0418 0.84		<b>20</b> 0357 0.80		<b>5</b> 0233 0.79		<b>20</b> 0201 0.79		<b>5</b> 0216 0.80		<b>20</b> 0213 0.86	
0819 0.58		0649 0.61		1015 0.55		0915 0.55		0753 0.56		0727 0.53		0843 0.43		0902 0.31	
TH 1319 0.83		FR 1221 0.87		SU 1435 0.75		MO 1427 0.82		SU 1300 0.73		MO 1304 0.81		WE 1429 0.75		TH 1510 0.90	
2048 0.21		1958 0.18		2201 0.22		● 2155 0.18		2022 0.27		2014 0.26		2100 0.40		● 2134 0.44	
<b>6</b> 0355 0.88		<b>21</b> 0327 0.83		<b>6</b> 0506 0.85		<b>21</b> 0450 0.83		<b>6</b> 0334 0.79		<b>21</b> 0308 0.80		<b>6</b> 0259 0.81		<b>21</b> 0303 0.88	
0943 0.58		0815 0.63		1110 0.50		1047 0.47		0933 0.52		0903 0.47		0929 0.37		0956 0.25	
FR 1413 0.81		SA 1330 0.85		MO 1542 0.74		TU 1552 0.83		MO 1415 0.71		TU 1436 0.81		TH 1531 0.80		FR 1611 0.96	
2140 0.20		2106 0.16		○ 2255 0.21		2304 0.19		2131 0.27		2138 0.28		○ 2155 0.42		2230 0.46	
<b>7</b> 0448 0.91		<b>22</b> 0434 0.86		<b>7</b> 0545 0.86		<b>22</b> 0534 0.85		<b>7</b> 0423 0.80		<b>22</b> 0404 0.82		<b>7</b> 0334 0.83		<b>22</b> 0347 0.90	
1045 0.55		0943 0.60		1152 0.46		1147 0.39		1034 0.47		1028 0.38		1009 0.32		1041 0.23	
SA 1506 0.80		SU 1439 0.85		TU 1649 0.76		WE 1713 0.86		TU 1538 0.72		WE 1607 0.84		FR 1621 0.87		SA 1704 1.00	
○ 2229 0.19		● 2213 0.14		2341 0.22				○ 2232 0.28		● 2252 0.30		2240 0.44		2315 0.48	
<b>8</b> 0535 0.92		<b>23</b> 0527 0.88		<b>8</b> 0618 0.86		<b>23</b> 0000 0.21		<b>8</b> 0501 0.81		<b>23</b> 0451 0.85		<b>8</b> 0406 0.85		<b>23</b> 0427 0.91	
1133 0.52		1105 0.55		1228 0.42		0613 0.88		1117 0.41		1125 0.30		1046 0.28		1121 0.22	
SU 1559 0.79		MO 1547 0.85		WE 1743 0.77		TH 1237 0.31		WE 1645 0.75		TH 1715 0.89		SA 1705 0.92		SU 1751 1.02	
2314 0.19		2315 0.14				1815 0.89		2322 0.29		2347 0.32		2319 0.46		2355 0.49	
<b>9</b> 0615 0.92		<b>24</b> 0610 0.90		<b>9</b> 0020 0.24		<b>24</b> 0048 0.25		<b>9</b> 0534 0.83		<b>24</b> 0531 0.87		<b>9</b> 0437 0.87		<b>24</b> 0505 0.93	
1214 0.49		1204 0.48		0647 0.87		0649 0.90		1153 0.36		1212 0.25		1124 0.26		1159 0.23	
MO 1652 0.80		TU 1703 0.86		TH 1300 0.38		FR 1322 0.26		TH 1735 0.80		FR 1811 0.93		SU 1748 0.96		MO 1834 1.02	
2355 0.20				1828 0.80		1909 0.91						2356 0.48			
<b>10</b> 0650 0.92		<b>25</b> 0010 0.15		<b>10</b> 0054 0.26		<b>25</b> 0131 0.29		<b>10</b> 0003 0.31		<b>25</b> 0034 0.36		<b>10</b> 0509 0.90		<b>25</b> 0032 0.50	
1250 0.47		0648 0.91		0713 0.88		0725 0.92		0602 0.84		0610 0.90		1203 0.24		0543 0.94	
TU 1743 0.80		WE 1255 0.41		FR 1332 0.35		SA 1405 0.23		FR 1227 0.32		SA 1254 0.22		MO 1830 0.97		TU 1235 0.24	
		1814 0.88		1910 0.82		2000 0.91		1818 0.84		1900 0.96				1915 1.01	
<b>11</b> 0033 0.21		<b>26</b> 0059 0.19		<b>11</b> 0124 0.29		<b>26</b> 0212 0.33		<b>11</b> 0039 0.34		<b>26</b> 0115 0.39		<b>11</b> 0031 0.50		<b>26</b> 0108 0.51	
0721 0.91		0725 0.92		0738 0.89		0800 0.93		0629 0.86		0646 0.92		0542 0.91		0619 0.93	
WE 1324 0.44		TH 1343 0.35		SA 1405 0.32		SU 1446 0.21		SA 1300 0.29		SU 1333 0.21		TU 1243 0.24		WE 1311 0.25	
1830 0.80		1914 0.89		1951 0.83		2050 0.91		1900 0.87		1948 0.97		1914 0.97		1955 1.00	
<b>12</b> 0108 0.23		<b>27</b> 0144 0.23		<b>12</b> 0154 0.33		<b>27</b> 0249 0.37		<b>12</b> 0112 0.37		<b>27</b> 0153 0.41		<b>12</b> 0106 0.52		<b>27</b> 0143 0.51	
0748 0.91		0800 0.93		0803 0.90		0836 0.93		0656 0.88		0722 0.93		0616 0.92		0657 0.91	
TH 1356 0.42		FR 1429 0.30		SU 1439 0.30		MO 1526 0.21		SU 1335 0.27		MO 1412 0.21		WE 1323 0.24		TH 1347 0.27	
1915 0.80		2009 0.88		2032 0.85		● 2140 0.90		1940 0.90		2033 0.96		1958 0.96		2033 0.97	
<b>13</b> 0139 0.25		<b>28</b> 0226 0.28		<b>13</b> 0224 0.36		<b>28</b> 0327 0.41		<b>13</b> 0144 0.40		<b>28</b> 0230 0.44		<b>13</b> 0142 0.53		<b>28</b> 0216 0.52	
0814 0.91		0835 0.94		0830 0.91		0911 0.93		0723 0.89		0759 0.93		0654 0.93		0733 0.89	
FR 1428 0.40		SA 1514 0.26		MO 1515 0.27		TU 1604 0.21		MO 1412 0.25		TU 1448 0.22		TH 1403 0.24		FR 1423 0.29	
1958 0.80		2103 0.87		2116 0.85		2230 0.87		2021 0.91		2117 0.95		● 2042 0.93		● 2110 0.94	
<b>14</b> 0208 0.28		<b>29</b> 0306 0.33		<b>14</b> 0258 0.41		<b>29</b> 0258 0.41		<b>14</b> 0215 0.43		<b>29</b> 0304 0.46		<b>14</b> 0219 0.54		<b>29</b> 0253 0.53	
0840 0.91		0910 0.94		0858 0.91				0752 0.91		0833 0.92		0736 0.92		0813 0.85	
SA 1501 0.37		SU 1559 0.24		TU 1552 0.25				TU 1448 0.24		WE 1525 0.23		FR 1445 0.24		SA 1500 0.31	
2043 0.80		● 2158 0.85		● 2203 0.84				2104 0.90		● 2201 0.92		2129 0.90		2147 0.91	
<b>15</b> 0239 0.32		<b>30</b> 0345 0.39		<b>15</b> 0335 0.45		<b>30</b> 0335 0.45		<b>15</b> 0248 0.47		<b>30</b> 0340 0.48		<b>15</b> 0301 0.55		<b>30</b> 0332 0.54	
0906 0.91		0946 0.93		0928 0.91				0823 0.91		0909 0.89		0826 0.90		0859 0.81	
SU 1537 0.34		MO 1642 0.23		WE 1632 0.23				WE 1527 0.23		TH 1601 0.24		SA 1530 0.26		SU 1538 0.34	
● 2129 0.80		2257 0.84		2256 0.82				● 2150 0.88		2245 0.89		2218 0.87		2229 0.88	
		<b>31</b> 0427 0.44								<b>31</b> 0415 0.50					
		1022 0.91								FR 1639 0.26					
		TU 1727 0.23								2331 0.85					

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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

# MELBOURNE (WILLIAMSTOWN) – VICTORIA

LAT 37° 52' S LONG 144° 55' E

Times and Heights of High and Low Waters

# 2023

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> 0420 0.53		<b>16</b> 0510 0.45		<b>1</b> 0549 0.42		<b>16</b> 0703 0.29		<b>1</b> 0603 0.32		<b>16</b> 0719 0.27		<b>1</b> 0732 0.21		<b>16</b> 0114 0.80	
0958 0.77		1103 0.85		1217 0.81		1345 0.94		1306 0.88		1426 0.94		1503 0.90		0838 0.26	
MO 1621 0.39		TU 1701 0.45		TH 1730 0.59		FR 1915 0.64		SA 1756 0.69		SU 1958 0.67		TU 1958 0.68		WE 1543 0.89	
2314 0.86		2329 0.93		2342 0.91				2331 0.94						● 2151 0.56	
<b>2</b> 0523 0.51		<b>17</b> 0626 0.39		<b>2</b> 0650 0.36		<b>17</b> 0030 0.94		<b>2</b> 0703 0.27		<b>17</b> 0043 0.90		<b>2</b> 0105 0.91		<b>17</b> 0226 0.79	
1116 0.74		1234 0.86		1339 0.86		0757 0.27		1426 0.92		0812 0.26		0836 0.20		0933 0.26	
TU 1715 0.45		WE 1821 0.51		FR 1850 0.65		SA 1450 0.98		SU 1917 0.72		MO 1524 0.96		WE 1558 0.92		TH 1624 0.90	
						2040 0.65				2118 0.65		○ 2125 0.63		2236 0.51	
<b>3</b> 0003 0.85		<b>18</b> 0023 0.92		<b>3</b> 0032 0.91		<b>18</b> 0122 0.93		<b>3</b> 0032 0.93		<b>18</b> 0138 0.87		<b>3</b> 0215 0.91		<b>18</b> 0335 0.80	
0643 0.46		0733 0.33		0745 0.31		0846 0.26		0802 0.24		0904 0.26		0939 0.20		1021 0.27	
WE 1245 0.76		TH 1357 0.91		SA 1451 0.93		SU 1547 1.02		MO 1533 0.97		TU 1615 0.98		TH 1643 0.94		FR 1659 0.90	
1832 0.51		1953 0.55		2018 0.67		● 2144 0.64		○ 2042 0.71		● 2215 0.61		2233 0.56		2312 0.46	
<b>4</b> 0053 0.85		<b>19</b> 0118 0.92		<b>4</b> 0124 0.91		<b>19</b> 0214 0.92		<b>4</b> 0133 0.93		<b>19</b> 0234 0.86		<b>4</b> 0328 0.91		<b>19</b> 0429 0.81	
0745 0.40		0831 0.28		0837 0.27		0933 0.26		0900 0.22		0953 0.26		1037 0.21		1101 0.30	
TH 1407 0.81		FR 1505 0.97		SU 1551 0.99		MO 1637 1.04		TU 1628 1.00		WE 1657 0.98		FR 1721 0.96		SA 1727 0.91	
2004 0.54		2111 0.57		○ 2133 0.67		2234 0.62		2157 0.68		2259 0.57		2327 0.48		2345 0.42	
<b>5</b> 0141 0.85		<b>20</b> 0211 0.92		<b>5</b> 0214 0.93		<b>20</b> 0301 0.91		<b>5</b> 0232 0.94		<b>20</b> 0332 0.85		<b>5</b> 0442 0.93		<b>20</b> 0514 0.83	
0834 0.34		0922 0.25		0929 0.24		1016 0.26		0957 0.21		1037 0.27		1130 0.25		1137 0.33	
FR 1513 0.88		SA 1603 1.01		MO 1645 1.03		TU 1721 1.04		WE 1714 1.01		TH 1733 0.98		SA 1757 0.97		SU 1753 0.92	
2117 0.56		● 2208 0.57		2229 0.66		2316 0.60		2254 0.64		2338 0.54					
<b>6</b> 0224 0.87		<b>21</b> 0259 0.92		<b>6</b> 0303 0.94		<b>21</b> 0349 0.91		<b>6</b> 0331 0.95		<b>21</b> 0429 0.85		<b>6</b> 0015 0.41		<b>21</b> 0015 0.39	
0920 0.29		1006 0.24		1019 0.23		1057 0.27		1051 0.22		1116 0.29		0545 0.94		0554 0.85	
SA 1606 0.94		SU 1654 1.04		TU 1732 1.05		WE 1759 1.03		TH 1754 1.02		FR 1804 0.97		SU 1216 0.29		MO 1207 0.36	
○ 2212 0.57		2254 0.57		2315 0.64		2355 0.58		2344 0.58				1831 0.99		1817 0.93	
<b>7</b> 0305 0.89		<b>22</b> 0342 0.93		<b>7</b> 0352 0.96		<b>22</b> 0436 0.91		<b>7</b> 0434 0.95		<b>22</b> 0013 0.51		<b>7</b> 0102 0.35		<b>22</b> 0046 0.37	
1004 0.26		1046 0.25		1110 0.23		1135 0.29		1142 0.24		0518 0.85		0643 0.94		0634 0.87	
SU 1655 1.00		MO 1738 1.05		WE 1815 1.05		TH 1833 1.02		FR 1830 1.02		SA 1152 0.31		MO 1300 0.35		TU 1235 0.39	
2256 0.58		2335 0.57								1832 0.97		1907 1.00		1842 0.94	
<b>8</b> 0345 0.91		<b>23</b> 0423 0.94		<b>8</b> 0000 0.62		<b>23</b> 0031 0.56		<b>8</b> 0031 0.53		<b>23</b> 0045 0.49		<b>8</b> 0148 0.31		<b>23</b> 0119 0.34	
1049 0.24		1124 0.26		0443 0.97		0523 0.89		0543 0.95		0603 0.85		0738 0.93		0715 0.88	
MO 1741 1.02		TU 1818 1.05		TH 1157 0.24		FR 1212 0.31		SA 1229 0.27		SU 1224 0.34		TU 1343 0.40		WE 1305 0.43	
2337 0.58				1856 1.04		1905 1.01		1905 1.02		1858 0.97		● 1943 1.01		1908 0.95	
<b>9</b> 0425 0.93		<b>24</b> 0012 0.56		<b>9</b> 0043 0.59		<b>24</b> 0105 0.55		<b>9</b> 0119 0.47		<b>24</b> 0116 0.46		<b>9</b> 0233 0.28		<b>24</b> 0154 0.32	
1133 0.24		0503 0.94		0538 0.96		0609 0.88		0645 0.94		0647 0.85		0834 0.92		0758 0.88	
TU 1825 1.03		WE 1201 0.27		FR 1243 0.26		SA 1246 0.33		SU 1313 0.32		MO 1253 0.37		WE 1424 0.45		TH 1337 0.46	
		1856 1.04		1933 1.03		1933 1.00		1940 1.02		1922 0.98		2019 1.01		● 1935 0.96	
<b>10</b> 0015 0.58		<b>25</b> 0048 0.56		<b>10</b> 0128 0.56		<b>25</b> 0139 0.53		<b>10</b> 0207 0.42		<b>25</b> 0148 0.43		<b>10</b> 0318 0.27		<b>25</b> 0230 0.30	
0506 0.95		0545 0.93		0639 0.94		0655 0.86		0745 0.93		0730 0.85		0934 0.90		0844 0.87	
WE 1217 0.24		TH 1238 0.29		SA 1327 0.30		SU 1318 0.36		MO 1356 0.38		TU 1323 0.41		TH 1505 0.50		FR 1414 0.51	
1909 1.02		1931 1.02		2009 1.01		2000 0.99		● 2015 1.02		1947 0.98		2056 0.99		2003 0.96	
<b>11</b> 0055 0.58		<b>26</b> 0123 0.55		<b>11</b> 0215 0.52		<b>26</b> 0213 0.51		<b>11</b> 0257 0.38		<b>26</b> 0223 0.40		<b>11</b> 0403 0.27		<b>26</b> 0311 0.27	
0550 0.95		0625 0.90		0742 0.92		0742 0.84		0845 0.91		0816 0.85		1038 0.88		0934 0.85	
TH 1300 0.25		FR 1315 0.31		SU 1410 0.34		MO 1350 0.39		TU 1440 0.44		WE 1357 0.45		FR 1548 0.55		SA 1453 0.55	
1950 1.00		2004 1.00		● 2045 1.01		● 2027 0.99		2052 1.02		● 2014 0.99		2135 0.96		2036 0.95	
<b>12</b> 0134 0.57		<b>27</b> 0158 0.55		<b>12</b> 0306 0.48		<b>27</b> 0249 0.48		<b>12</b> 0347 0.34		<b>27</b> 0300 0.37		<b>12</b> 0450 0.27		<b>27</b> 0355 0.25	
0638 0.94		0707 0.88		0845 0.90		0831 0.83		0949 0.90		0905 0.85		1144 0.87		1035 0.83	
FR 1344 0.27		SA 1348 0.33		MO 1454 0.40		TU 1424 0.43		WE 1525 0.50		TH 1435 0.50		SA 1637 0.59		SU 1539 0.59	
2031 0.98		2035 0.98		2124 1.00		2055 0.99		2130 1.01		2043 0.98		2217 0.92		2116 0.94	
<b>13</b> 0217 0.56		<b>28</b> 0232 0.54		<b>13</b> 0402 0.43		<b>28</b> 0330 0.44		<b>13</b> 0440 0.31		<b>28</b> 0343 0.33		<b>13</b> 0542 0.27		<b>28</b> 0447 0.24	
0732 0.92		0752 0.84		0953 0.88		0926 0.83		1102 0.89		1000 0.85		1248 0.87		1152 0.81	
SA 1426 0.29		SU 1423 0.36		TU 1542 0.46		WE 1502 0.49		TH 1615 0.57		FR 1518 0.56		SU 1740 0.62		MO 1637 0.62	
● 2111 0.96		● 2107 0.96		2204 0.99		2126 0.98		2212 0.99		2115 0.98		2309 0.88		2214 0.91	
<b>14</b> 0305 0.54		<b>29</b> 0311 0.53		<b>14</b> 0504 0.38		<b>29</b> 0415 0.40		<b>14</b> 0533 0.29		<b>29</b> 0429 0.30		<b>14</b> 0639 0.27		<b>29</b> 0552 0.22	
0835 0.89		0844 0.81		1111 0.88		1028 0.83		1215 0.90		1107 0.85		1352 0.87		1311 0.81	
SU 1510 0.33		MO 1458 0.40		WE 1638 0.53		TH 1548 0.56		FR 1715 0.62		SA 1608 0.62		MO 1908 0.63		TU 1758 0.63	
2153 0.94		2140 0.95		2248 0.98		2200 0.97		2257 0.96		2153 0.96				2330 0.87	
<b>15</b> 0400 0.50		<b>30</b> 0356 0.50		<b>15</b> 0606 0.33		<b>30</b> 0506 0.36		<b>15</b> 0627 0.28		<b>30</b> 0523 0.27		<b>15</b> 0009 0.83		<b>30</b> 0703 0.21	
0945 0.86		0943 0.79		1233 0.90		1143 0.85		1322 0.92		1230 0.85		0738 0.26		1419 0.83	
MO 1600 0.38		TU 1537 0.45		TH 1750 0.60		FR 1645 0.63		SA 1830 0.66		SU 1711 0.67		TU 1452 0.88		WE 1929 0.59	
2238 0.93		2215 0.93		2338 0.96		2241 0.95		2347 0.93		2245 0.94		2049 0.61			
		<b>31</b> 0448 0.46								<b>31</b> 0627 0.24				<b>31</b> 0053 0.86	
		1055 0.79								1353 0.87				0815 0.21	
		WE 1627 0.52								MO 1830 0.70				TH 1515 0.85	
		2256 0.92								2352 0.92				○ 2101 0.52	

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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

# MELBOURNE (WILLIAMSTOWN) – VICTORIA

LAT 37° 52' S LONG 144° 55' E

Times and Heights of High and Low Waters

# 2023

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> 0215 0.86		<b>16</b> 0331 0.78		<b>1</b> 0444 0.91		<b>16</b> 0508 0.86		<b>1</b> 0626 0.99		<b>16</b> 0623 0.97		<b>1</b> 0006 0.18		<b>16</b> 0656 0.96	
0924 0.23		1002 0.32		1115 0.34		1122 0.43		1230 0.46		1217 0.53		0659 0.98		1240 0.53	
FR 1601 0.88		SA 1612 0.84		SU 1658 0.88		MO 1643 0.83		WE 1736 0.91		TH 1705 0.88		FR 1254 0.49		SA 1724 0.88	
2213 0.43		2234 0.37		2340 0.24		2325 0.26						1747 0.88			
<b>2</b> 0339 0.89		<b>17</b> 0420 0.82		<b>2</b> 0542 0.95		<b>17</b> 0550 0.91		<b>2</b> 0034 0.18		<b>17</b> 0011 0.18		<b>2</b> 0045 0.20		<b>17</b> 0036 0.16	
1027 0.25		1045 0.34		1204 0.37		1200 0.45		0711 0.99		0705 0.98		0737 0.97		0733 0.96	
SA 1641 0.90		SU 1640 0.86		MO 1737 0.90		TU 1715 0.86		TH 1310 0.47		FR 1256 0.52		SA 1332 0.48		SU 1322 0.50	
2306 0.35		2307 0.33						1817 0.92		1746 0.89		1833 0.87		1818 0.88	
<b>3</b> 0445 0.92		<b>18</b> 0502 0.86		<b>3</b> 0025 0.20		<b>18</b> 0001 0.23		<b>3</b> 0113 0.19		<b>18</b> 0054 0.19		<b>3</b> 0122 0.22		<b>18</b> 0120 0.18	
1118 0.29		1120 0.37		0633 0.97		0630 0.94		0753 0.98		0745 0.97		0814 0.95		0809 0.94	
SU 1718 0.93		MO 1706 0.88		TU 1248 0.40		WE 1236 0.46		FR 1347 0.47		SA 1333 0.52		SU 1409 0.47		MO 1406 0.47	
2353 0.29		2339 0.30		1815 0.93		1746 0.88		1859 0.91		1829 0.90		1918 0.85		1917 0.88	
<b>4</b> 0541 0.94		<b>19</b> 0541 0.89		<b>4</b> 0106 0.19		<b>19</b> 0039 0.22		<b>4</b> 0151 0.21		<b>19</b> 0135 0.20		<b>4</b> 0159 0.24		<b>19</b> 0202 0.21	
1204 0.34		1152 0.40		0722 0.98		0710 0.95		0834 0.95		0825 0.94		0847 0.92		0844 0.93	
MO 1755 0.95		TU 1732 0.90		WE 1329 0.42		TH 1310 0.48		SA 1424 0.47		SU 1412 0.51		MO 1445 0.46		TU 1450 0.43	
				1854 0.95		1819 0.90		1939 0.89		1915 0.89		2002 0.82		2017 0.86	
<b>5</b> 0037 0.25		<b>20</b> 0012 0.28		<b>5</b> 0146 0.20		<b>20</b> 0117 0.22		<b>5</b> 0228 0.23		<b>20</b> 0215 0.21		<b>5</b> 0233 0.27		<b>20</b> 0244 0.25	
0633 0.95		0620 0.91		0809 0.96		0750 0.95		0914 0.92		0903 0.92		0919 0.90		0917 0.93	
TU 1246 0.38		WE 1222 0.43		TH 1407 0.44		FR 1344 0.50		SU 1500 0.47		MO 1452 0.50		TU 1521 0.45		WE 1538 0.39	
1831 0.97		1800 0.91		1932 0.95		1854 0.91		☾ 2019 0.86		☾ 2005 0.87		☾ 2048 0.79		☾ 2116 0.85	
<b>6</b> 0119 0.23		<b>21</b> 0047 0.27		<b>6</b> 0225 0.21		<b>21</b> 0156 0.22		<b>6</b> 0305 0.26		<b>21</b> 0257 0.23		<b>6</b> 0308 0.30		<b>21</b> 0326 0.31	
0725 0.94		0700 0.91		0855 0.94		0831 0.93		0952 0.89		0942 0.90		0950 0.89		0954 0.92	
WE 1326 0.42		TH 1253 0.46		FR 1444 0.46		SA 1416 0.51		MO 1538 0.48		TU 1536 0.47		WE 1559 0.44		TH 1629 0.34	
1908 0.98		1829 0.92		2010 0.93		1930 0.91		2101 0.82		2104 0.85		2137 0.76		2218 0.83	
<b>7</b> 0201 0.23		<b>22</b> 0124 0.26		<b>7</b> 0303 0.23		<b>22</b> 0235 0.22		<b>7</b> 0342 0.28		<b>22</b> 0339 0.27		<b>7</b> 0343 0.34		<b>22</b> 0411 0.37	
0816 0.93		0742 0.90		0941 0.91		0915 0.90		1030 0.86		1021 0.88		1021 0.88		1032 0.92	
TH 1404 0.45		FR 1325 0.48		SA 1520 0.48		SU 1452 0.52		TU 1617 0.48		WE 1628 0.44		TH 1641 0.41		FR 1724 0.30	
☾ 1945 0.97		1859 0.93		☾ 2048 0.90		☾ 2009 0.90		2149 0.77		2211 0.82		2233 0.73		2329 0.82	
<b>8</b> 0242 0.24		<b>23</b> 0201 0.25		<b>8</b> 0342 0.25		<b>23</b> 0315 0.23		<b>8</b> 0420 0.32		<b>23</b> 0427 0.32		<b>8</b> 0421 0.40		<b>23</b> 0503 0.45	
0909 0.90		0826 0.88		1027 0.87		0959 0.87		1109 0.84		1103 0.87		1056 0.86		1114 0.91	
FR 1443 0.49		SA 1359 0.51		SU 1558 0.49		MO 1532 0.52		WE 1704 0.48		TH 1729 0.40		FR 1729 0.38		SA 1823 0.26	
2022 0.95		☾ 1931 0.93		2127 0.86		2056 0.88		2249 0.73		2325 0.80		2340 0.73			
<b>9</b> 0322 0.25		<b>24</b> 0241 0.24		<b>9</b> 0421 0.27		<b>24</b> 0359 0.24		<b>9</b> 0503 0.37		<b>24</b> 0524 0.39		<b>9</b> 0508 0.47		<b>24</b> 0052 0.82	
1003 0.87		0914 0.85		1113 0.84		1045 0.84		1152 0.81		1150 0.87		1133 0.85		0607 0.51	
SA 1522 0.52		SU 1436 0.54		MO 1638 0.51		TU 1621 0.51		TH 1805 0.45		FR 1840 0.34		SA 1826 0.34		SU 1200 0.90	
2100 0.91		2008 0.92		2211 0.81		2156 0.85							1924 0.22		
<b>10</b> 0404 0.26		<b>25</b> 0324 0.23		<b>10</b> 0503 0.29		<b>25</b> 0448 0.26		<b>10</b> 0006 0.70		<b>25</b> 0053 0.81		<b>10</b> 0100 0.74		<b>25</b> 0212 0.85	
1100 0.84		1009 0.82		1123 0.84		1136 0.82		0558 0.43		0637 0.45		0608 0.54		0727 0.56	
SU 1604 0.55		MO 1522 0.55		TU 1728 0.52		WE 1723 0.48		FR 1239 0.80		SA 1242 0.86		SU 1216 0.83		MO 1252 0.87	
2142 0.87		2056 0.89		2308 0.76		2313 0.81		1924 0.41		1951 0.28		1927 0.30		2023 0.20	
<b>11</b> 0452 0.27		<b>26</b> 0415 0.23		<b>11</b> 0555 0.32		<b>26</b> 0549 0.31		<b>11</b> 0136 0.72		<b>26</b> 0222 0.85		<b>11</b> 0228 0.79		<b>26</b> 0321 0.89	
1201 0.82		1113 0.80		1259 0.79		1231 0.82		0716 0.48		0804 0.51		0727 0.59		0855 0.58	
MO 1658 0.57		TU 1622 0.55		WE 1843 0.52		TH 1843 0.44		SA 1328 0.79		SU 1336 0.86		MO 1305 0.82		TU 1348 0.85	
2235 0.81		2203 0.86						2027 0.35		2054 0.22		2025 0.25		2119 0.18	
<b>12</b> 0550 0.28		<b>27</b> 0519 0.24		<b>12</b> 0025 0.72		<b>27</b> 0040 0.80		<b>12</b> 0300 0.77		<b>27</b> 0335 0.90		<b>12</b> 0341 0.85		<b>27</b> 0423 0.92	
1306 0.81		1220 0.79		0705 0.36		0706 0.36		0852 0.51		0931 0.53		0900 0.61		1014 0.57	
TU 1823 0.58		WE 1744 0.53		TH 1356 0.78		FR 1330 0.82		SU 1415 0.80		MO 1431 0.86		TU 1359 0.82		WE 1445 0.84	
2343 0.76		2328 0.83		2021 0.48		2007 0.36		2116 0.29		☾ 2151 0.18		2119 0.21		☾ 2214 0.18	
<b>13</b> 0700 0.29		<b>28</b> 0635 0.26		<b>13</b> 0156 0.71		<b>28</b> 0216 0.83		<b>13</b> 0403 0.84		<b>28</b> 0437 0.95		<b>13</b> 0440 0.90		<b>28</b> 0516 0.94	
1407 0.81		1325 0.80		0830 0.38		0832 0.40		1002 0.53		1038 0.53		1015 0.61		1112 0.54	
WE 2010 0.54		TH 1915 0.48		FR 1450 0.78		SA 1428 0.83		MO 1500 0.81		TU 1524 0.86		WE 1452 0.83		TH 1541 0.83	
				2124 0.42		2121 0.28		☾ 2202 0.24		2241 0.17		☾ 2212 0.18		2301 0.18	
<b>14</b> 0102 0.74		<b>29</b> 0100 0.82		<b>14</b> 0320 0.75		<b>29</b> 0338 0.88		<b>14</b> 0455 0.90		<b>29</b> 0530 0.98		<b>14</b> 0530 0.94		<b>29</b> 0602 0.95	
0810 0.30		0754 0.28		0942 0.40		0956 0.42		1055 0.53		1130 0.52		1111 0.59		1200 0.51	
TH 1458 0.82		FR 1424 0.82		SA 1533 0.79		SU 1522 0.85		TU 1544 0.83		WE 1614 0.87		TH 1543 0.85		FR 1637 0.83	
2116 0.49		☾ 2043 0.39		2210 0.35		☾ 2220 0.22		2245 0.21		2326 0.17		2301 0.16		2345 0.19	
<b>15</b> 0229 0.75		<b>30</b> 0231 0.86		<b>15</b> 0420 0.80		<b>30</b> 0443 0.94		<b>15</b> 0540 0.95		<b>30</b> 0616 0.99		<b>15</b> 0615 0.96		<b>30</b> 0642 0.94	
0913 0.31		0912 0.31		1037 0.41		1059 0.44		1138 0.53		1214 0.51		1157 0.56		1241 0.48	
FR 1539 0.83		SA 1514 0.85		SU 1610 0.81		MO 1611 0.87		WE 1625 0.85		TH 1700 0.88		FR 1633 0.87		SA 1732 0.82	
☾ 2200 0.43		2148 0.31		☾ 2248 0.30		☾ 2311 0.18		2329 0.19				2350 0.16			
				<b>31</b> 0537 0.98										<b>31</b> 0026 0.20	
				1148 0.45										0717 0.93	
				TU 1655 0.89										SU 1320 0.46	
				2354 0.17										1824 0.82	

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