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# FREMANTLE – WESTERN AUSTRALIA

LAT 32° 3' S LONG 115° 44' E

Times and Heights of High and Low Waters

# 2022

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>	0525 0.34 2011 1.23	<b>16</b>	0546 0.44 2017 1.15	<b>1</b>	0631 0.35 2144 1.17	<b>16</b>	0539 0.49 1244 0.74 1351 0.74 2124 1.12	<b>1</b>	0520 0.44 2104 1.14	<b>16</b>	0422 0.56 1131 0.83 1332 0.81 2041 1.10	<b>1</b>	0413 0.72 1053 0.97	<b>16</b>	0312 0.76 1005 1.06
SA		SU		TU		WE		TU		WE		FR		SA	
<b>2</b>	0607 0.29 2050 1.24	<b>17</b>	0605 0.43 2051 1.15	<b>2</b>	0701 0.40 2221 1.10	<b>17</b>	0546 0.51 1228 0.75 1443 0.73 2157 1.09	<b>2</b>	0535 0.49 1154 0.76 1344 0.74 2145 1.09	<b>17</b>	0430 0.59 1114 0.84 1428 0.78 2119 1.08	<b>2</b>	0336 0.75 1100 1.02	<b>17</b>	0301 0.78 1009 1.13
SU		MO		WE		TH		WE		TH		SA		SU	
<b>3</b>	0650 0.28 2130 1.21	<b>18</b>	0627 0.43 2125 1.14	<b>3</b>	0716 0.48 1340 0.71 1456 0.70 2234 1.01	<b>18</b>	0555 0.54 1234 0.78 1529 0.73 2226 1.03	<b>3</b>	0535 0.56 1200 0.80 1445 0.74 2219 1.01	<b>18</b>	0440 0.62 1120 0.88 1522 0.75 2156 1.02	<b>3</b>	0325 0.74 1057 1.07	<b>18</b>	0258 0.79 1015 1.19
MO		TU		TH		FR		TH		FR		SU		MO	
<b>4</b>	0730 0.31 2206 1.16	<b>19</b>	0645 0.45 2158 1.12	<b>4</b>	0712 0.56 1347 0.75 1551 0.73 2224 0.93	<b>19</b>	0601 0.57 1254 0.82 1618 0.74 2251 0.96	<b>4</b>	0539 0.62 1212 0.84 1540 0.74 2224 0.93	<b>19</b>	0445 0.66 1135 0.93 1623 0.73 2232 0.95	<b>4</b>	0014 0.79 0331 0.73	<b>19</b>	0054 0.80 0241 0.78 1031 1.23 2043 0.61
TU		WE		FR		SA		FR		SA		MO		TU	
<b>5</b>	0808 0.38 2226 1.08	<b>20</b>	0655 0.47 2229 1.08	<b>5</b>	0634 0.61 1353 0.80 1646 0.77 2221 0.87	<b>20</b>	0600 0.61 1318 0.87 1718 0.76 2311 0.87	<b>5</b>	0521 0.66 1225 0.89 1639 0.75 2214 0.85	<b>20</b>	0432 0.69 1152 0.99 1728 0.72 2300 0.85	<b>5</b>	0303 0.72 1100 1.14	<b>20</b>	1055 1.26 2148 0.59
WE		TH		SA		SU		SA		SU		TU		WE	
<b>6</b>	0838 0.46 2231 1.00	<b>21</b>	0701 0.50 2256 1.03	<b>6</b>	0604 0.61 1415 0.86 1801 0.81 2034 0.84	<b>21</b>	0552 0.63 1345 0.92 1845 0.77 2030 0.78	<b>6</b>	0450 0.67 1241 0.94 1740 0.76 2217 0.80	<b>21</b>	0426 0.71 1131 1.04 2042 0.72	<b>6</b>	0035 0.69 0145 0.70 0249 0.69 1127 1.16	<b>21</b>	1123 1.25
TH		FR		SU		MO		SU		MO		WE		TH	
<b>7</b>	0855 0.54 2239 0.93	<b>22</b>	0708 0.53 2319 0.96	<b>7</b>	0603 0.60 1447 0.91 1945 0.83 2032 0.84	<b>22</b>	0549 0.64 1415 0.97	<b>7</b>	0451 0.65 1255 0.99 1836 0.78 2002 0.79	<b>22</b>	0120 0.76 0418 0.70 1135 1.09	<b>7</b>	0111 0.66 1157 1.15	<b>22</b>	0032 0.56 1152 1.22
FR		SA		MO		TU		MO		TU		TH		FR	
<b>8</b>	0739 0.61 2105 0.88	<b>23</b>	0709 0.57 2338 0.88	<b>8</b>	0543 0.58 1528 0.95	<b>23</b>	0456 0.62 1456 1.02	<b>8</b>	0429 0.64 1207 1.02 1940 0.79 2008 0.79	<b>23</b>	0036 0.66 0224 0.68 0328 0.67 1156 1.12	<b>8</b>	0143 0.64 1230 1.13	<b>23</b>	0116 0.55 1226 1.17 1353 1.16 1430 1.16
SA		SU		TU		WE		TU		WE		FR		SA	
<b>9</b>	0706 0.61 2049 0.87	<b>24</b>	0707 0.59 1537 0.86	<b>9</b>	0513 0.56 1615 0.99	<b>24</b>	0232 0.56 1548 1.06	<b>9</b>	0407 0.61 1238 1.04	<b>24</b>	0113 0.58 1224 1.13	<b>9</b>	0210 0.63 1307 1.10	<b>24</b>	0155 0.57 1302 1.11 1407 1.10 1536 1.11
SU		MO		WE		TH		WE		TH		SA		SU	
<b>10</b>	0703 0.60 1805 0.92	<b>25</b>	0705 0.61 1613 0.92	<b>10</b>	0505 0.54 1711 1.02	<b>25</b>	0302 0.48 1650 1.09	<b>10</b>	0409 0.59 1317 1.04	<b>25</b>	0151 0.52 1259 1.12 1406 1.11 1501 1.12	<b>10</b>	0234 0.63 1541 1.07	<b>25</b>	0229 0.61 1355 1.03 1413 1.03 1652 1.06
MO		TU		TH		FR		TH		FR		SU		MO	
<b>11</b>	0620 0.58 1814 0.98	<b>26</b>	0612 0.60 1654 1.00	<b>11</b>	0441 0.52 1807 1.05	<b>26</b>	0337 0.43 1810 1.13	<b>11</b>	0317 0.57 1541 1.04	<b>26</b>	0228 0.49 1610 1.11	<b>11</b>	0252 0.63 1709 1.07	<b>26</b>	0251 0.67 1053 0.96 1231 0.95 1917 1.03
TU		WE		FR		SA		FR		SA		MO		TU	
<b>12</b>	0549 0.55 1829 1.03	<b>27</b>	0339 0.54 1741 1.07	<b>12</b>	0447 0.50 1855 1.08	<b>27</b>	0414 0.40 1924 1.16	<b>12</b>	0333 0.56 1656 1.04	<b>27</b>	0304 0.49 1746 1.10	<b>12</b>	0302 0.65 1840 1.07	<b>27</b>	0245 0.73 0922 0.98 1430 0.90 2022 0.99
WE		TH		SA		SU		SA		SU		TU		WE	
<b>13</b>	0520 0.52 1850 1.07	<b>28</b>	0404 0.45 1831 1.14	<b>13</b>	0501 0.48 1935 1.11	<b>28</b>	0449 0.40 2018 1.16	<b>13</b>	0351 0.55 1820 1.06	<b>28</b>	0337 0.51 1928 1.10	<b>13</b>	0305 0.66 1037 0.93 1310 0.91 1939 1.07	<b>28</b>	0241 0.78 0922 1.04 1520 0.84 2130 0.95
TH		FR		SU		MO		SU		MO		WE		TH	
<b>14</b>	0521 0.49 1915 1.11	<b>29</b>	0439 0.37 1923 1.19	<b>14</b>	0516 0.47 2014 1.13	<b>14</b>		<b>14</b>	0406 0.55 1919 1.09	<b>29</b>	0400 0.56 2020 1.09	<b>14</b>	0309 0.69 0958 0.96 1423 0.86 2030 1.05	<b>29</b>	0236 0.81 0922 1.10 1604 0.80 2227 0.91
FR		SA		MO				MO		TU		TH		FR	
<b>15</b>	0532 0.46 1945 1.13	<b>30</b>	0516 0.33 2012 1.21	<b>15</b>	0530 0.47 2049 1.14	<b>15</b>		<b>15</b>	0415 0.55 2002 1.11	<b>30</b>	0402 0.61 1038 0.87 1435 0.82 2106 1.05	<b>15</b>	0315 0.72 0958 1.00 1529 0.80 2129 1.00	<b>30</b>	0152 0.82 0921 1.15 1651 0.76 2315 0.87
SA		SU		TU				TU		WE		FR		SA	
		<b>31</b>	0555 0.32 2100 1.21					<b>31</b>	0406 0.67 1044 0.92 1538 0.79 2152 0.99						
		MO						TH							

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Datum of Predictions is Chart Datum

Times are in local standard time (Time Zone UTC +08:00)

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

# FREMANTLE – WESTERN AUSTRALIA

LAT 32° 3' S LONG 115° 44' E

Times and Heights of High and Low Waters

# 2022

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> 0201 0.81 0928 1.20 SU 1759 0.73		<b>16</b> 0120 0.86 0912 1.31 MO 1834 0.62		<b>1</b> 0935 1.32 1950 0.67		<b>16</b> 1001 1.38 2026 0.53		<b>1</b> 1000 1.28 1957 0.66		<b>16</b> 1117 1.24 2044 0.61		<b>1</b> 0117 0.81 0329 0.80 MO 1100 1.11 1847 0.69		<b>16</b> 0119 0.86 0446 0.78 TU 1035 0.88 1735 0.73	
<b>2</b> 0000 0.83 0213 0.81 MO 0941 1.23 1933 0.71		<b>17</b> 0935 1.35 1938 0.57		<b>2</b> 1006 1.31 2027 0.68		<b>17</b> 1042 1.33 2119 0.58		<b>2</b> 1033 1.25 2023 0.69		<b>17</b> 1205 1.15 2105 0.70		<b>2</b> 0140 0.84 0418 0.82 TU 1124 1.05 1851 0.71		<b>17</b> 0142 0.91 0602 0.82 WE 0820 0.84 1730 0.70	
<b>3</b> 0053 0.79 0130 0.79 TU 1001 1.26 2017 0.69		<b>18</b> 1003 1.36 2035 0.55		<b>3</b> 1038 1.29 2104 0.70		<b>18</b> 1109 1.26 2255 0.65		<b>3</b> 1107 1.22 2040 0.72		<b>18</b> 1100 1.05 2105 0.78		<b>3</b> 0210 0.88 0521 0.85 WE 1145 0.97 1850 0.73		<b>18</b> 0213 0.96 0725 0.84 TH 0819 0.84 1642 0.67	
<b>4</b> 1028 1.26 2059 0.69 WE 2300 0.71 2328 0.71		<b>19</b> 1033 1.35 2138 0.57		<b>4</b> 1111 1.26 2142 0.72		<b>19</b> 1118 1.18		<b>4</b> 1136 1.17 2015 0.74		<b>19</b> 1056 0.98 1856 0.79		<b>4</b> 0244 0.93 0701 0.88 TH 0914 0.89 1850 0.74		<b>19</b> 0053 0.99 0124 0.99 FR 0249 1.00 1637 0.63	
<b>5</b> 1057 1.25 2143 0.70 TH 2310 0.71		<b>20</b> 1103 1.30 2354 0.59		<b>5</b> 1144 1.22 2219 0.75		<b>20</b> 0004 0.72 1132 1.10 MO 2254 0.80 2345 0.81		<b>5</b> 1203 1.11 2015 0.77		<b>20</b> 0459 0.96 0648 0.95 WE 0849 0.96 1849 0.77		<b>5</b> 0320 0.99 1813 0.73		<b>20</b> 0334 1.02 1637 0.61	
<b>6</b> 0013 0.70 1128 1.23 FR 2232 0.71 2319 0.71		<b>21</b> 1131 1.24		<b>6</b> 1216 1.18 2253 0.77		<b>21</b> 0039 0.80 0932 1.04 TU 2253 0.86		<b>6</b> 1229 1.05 2016 0.79		<b>21</b> 0508 1.02 1800 0.73		<b>6</b> 0402 1.05 1506 0.68		<b>21</b> 0428 1.03 1605 0.59	
<b>7</b> 0048 0.70 1200 1.20 SA		<b>22</b> 0044 0.63 1200 1.17 SU 1331 1.16 1410 1.16		<b>7</b> 1250 1.13 2320 0.80		<b>22</b> 0702 1.04 2015 0.84		<b>7</b> 0619 1.00 1152 0.96 TH 1244 0.96 2015 0.81		<b>22</b> 0519 1.08 1742 0.70		<b>7</b> 0453 1.11 1533 0.59		<b>22</b> 0533 1.05 1622 0.58	
<b>8</b> 0117 0.70 1234 1.16 SU		<b>23</b> 0122 0.69 1226 1.09		<b>8</b> 1010 1.05 1115 1.05 WE 1325 1.06 2339 0.82		<b>23</b> 0654 1.10 1838 0.82		<b>8</b> 0549 1.07 2004 0.81		<b>23</b> 0550 1.12 1723 0.67		<b>8</b> 0553 1.17 1609 0.51		<b>23</b> 0641 1.07 1639 0.57	
<b>9</b> 0140 0.71 1314 1.12 MO		<b>24</b> 0148 0.76 1004 1.03 TU 1500 1.00 1547 1.01		<b>9</b> 0730 1.06 1259 0.98 TH 1349 0.98 2345 0.86		<b>24</b> 0657 1.16 1748 0.77		<b>9</b> 0600 1.14 1557 0.75		<b>24</b> 0625 1.16 1714 0.65		<b>9</b> 0656 1.22 1648 0.46		<b>24</b> 0730 1.09 1653 0.57	
<b>10</b> 0150 0.73 1549 1.08 TU		<b>25</b> 0119 0.83 0809 1.05 WE 1611 0.93 1712 0.93		<b>10</b> 0716 1.13 1509 0.88 FR 1858 0.91 2319 0.88		<b>25</b> 0708 1.22 1737 0.73		<b>10</b> 0632 1.22 1627 0.65		<b>25</b> 0700 1.19 1728 0.63		<b>10</b> 0754 1.25 1730 0.45		<b>25</b> 0810 1.11 1704 0.57	
<b>11</b> 0133 0.75 0959 1.02 WE 1222 1.00 1725 1.04		<b>26</b> 0057 0.86 0803 1.11 TH 1656 0.87		<b>11</b> 0723 1.20 1559 0.78		<b>26</b> 0728 1.26 1754 0.70		<b>11</b> 0711 1.29 1707 0.56		<b>26</b> 0735 1.21 1745 0.61		<b>11</b> 0847 1.26 1813 0.46		<b>26</b> 0845 1.11 1713 0.58 FR 2345 0.76	
<b>12</b> 0130 0.78 0837 1.04 TH 1354 0.93 1910 1.01		<b>27</b> 0802 1.17 1730 0.81 FR 2213 0.88 2355 0.86		<b>12</b> 0745 1.28 1657 0.68		<b>27</b> 0752 1.28 1811 0.67		<b>12</b> 0755 1.34 1752 0.50		<b>27</b> 0812 1.22 1804 0.60		<b>12</b> 0939 1.23 1850 0.51		<b>27</b> 0158 0.74 0919 1.10 SA 1718 0.60 2343 0.77	
<b>13</b> 0137 0.81 0830 1.10 FR 1506 0.85 2043 0.97		<b>28</b> 0809 1.23 1758 0.77 SA 2307 0.86		<b>13</b> 0813 1.35 1753 0.59		<b>28</b> 0819 1.30 1830 0.65		<b>13</b> 0841 1.37 1838 0.47		<b>28</b> 0847 1.23 1828 0.61		<b>13</b> 0045 0.74 0146 0.73 SA 1030 1.17 1917 0.59		<b>28</b> 0244 0.72 0952 1.07 SU 1725 0.63 2353 0.80	
<b>14</b> 0138 0.84 0836 1.17 SA 1604 0.77 2214 0.93		<b>29</b> 0018 0.86 0824 1.27 SU 1821 0.73		<b>14</b> 0845 1.39 1845 0.53		<b>29</b> 0850 1.30 1856 0.64		<b>14</b> 0930 1.36 1923 0.49		<b>29</b> 0923 1.22 1848 0.62		<b>14</b> 0049 0.76 0253 0.73 SU 1117 1.08 1906 0.67		<b>29</b> 0329 0.71 1022 1.02 MO 1729 0.65	
<b>15</b> 0134 0.86 0851 1.24 SU 1710 0.69 2321 0.88		<b>30</b> 0844 1.30 1845 0.69		<b>15</b> 0921 1.41 1935 0.51		<b>30</b> 0924 1.30 1927 0.65		<b>15</b> 1023 1.31 2006 0.54		<b>30</b> 0958 1.20 1851 0.64		<b>15</b> 0103 0.80 0348 0.75 MO 1156 0.97 1832 0.73		<b>30</b> 0009 0.84 0416 0.71 TU 1049 0.95 1724 0.67	
		<b>31</b> 0907 1.32 1915 0.68 TU								<b>31</b> 0125 0.79 0243 0.79 SU 1030 1.16 1845 0.67				<b>31</b> 0019 0.88 1722 0.68 WE 2347 0.92	

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Datum of Predictions is Chart Datum

Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

# FREMANTLE – WESTERN AUSTRALIA

LAT 32° 3' S LONG 115° 44' E

Times and Heights of High and Low Waters

# 2022

Local Time

## SEPTEMBER

Time	m	Time	m
<b>1</b>	0621 0.73 1128 0.78 TH 1718 0.69	<b>16</b>	1328 0.58 1429 0.59 FR 1519 0.58
<b>2</b>	0006 0.97 1332 0.67 FR 1439 0.68 1626 0.66	<b>17</b>	0002 1.00 1403 0.56 SA
<b>3</b>	0033 1.01 1358 0.59 SA	<b>18</b>	0040 0.99 1435 0.54 SU ☉
<b>4</b>	0112 1.03 1429 0.52 SU ☉	<b>19</b>	0126 0.96 1501 0.54 MO
<b>5</b>	0406 1.05 1503 0.46 MO	<b>20</b>	0427 0.95 1521 0.54 TU
<b>6</b>	0523 1.07 1539 0.43 TU	<b>21</b>	0609 0.96 1534 0.54 WE
<b>7</b>	0659 1.10 1615 0.44 WE	<b>22</b>	0718 0.98 1543 0.55 TH 2301 0.76
<b>8</b>	0801 1.12 1645 0.46 TH	<b>23</b>	0045 0.75 0800 0.99 FR 1550 0.57 2227 0.76
<b>9</b>	0854 1.10 1659 0.52 FR 2310 0.74	<b>24</b>	0140 0.71 0839 0.99 SA 1557 0.59 2220 0.79
<b>10</b>	0143 0.70 0945 1.05 SA 1704 0.58 ☉ 2320 0.77	<b>25</b>	0230 0.68 0916 0.96 SU 1601 0.62 2223 0.83
<b>11</b>	0245 0.68 1038 0.98 SU 1713 0.65 2334 0.82	<b>26</b>	0321 0.65 0956 0.91 MO 1557 0.64 2215 0.87
<b>12</b>	0355 0.67 1130 0.88 MO 1653 0.69 2346 0.88	<b>27</b>	0415 0.62 1046 0.85 TU 1549 0.66 2219 0.93
<b>13</b>	0500 0.67 1216 0.79 TU 1607 0.68 2351 0.92	<b>28</b>	0510 0.60 1209 0.77 WE 1550 0.67 2233 0.98
<b>14</b>	0546 0.68 1021 0.71 WE 1604 0.66 2306 0.97	<b>29</b>	0609 0.59 1312 0.69 TH 1535 0.66 2255 1.02
<b>15</b>	0631 0.69 0738 0.70 TH 1519 0.62 2330 1.00	<b>30</b>	0918 0.56 2321 1.04 FR

## OCTOBER

Time	m	Time	m
<b>1</b>	1027 0.52 1114 0.53 SA 1240 0.52 2352 1.04	<b>16</b>	1314 0.52 2359 0.99 SU
<b>2</b>	1319 0.46 SU	<b>17</b>	1345 0.52 MO
<b>3</b>	0027 1.02 1356 0.43 MO ☉	<b>18</b>	0034 0.94 1409 0.53 TU ☉
<b>4</b>	0111 0.98 0209 0.97 TU 0333 0.98 1431 0.42	<b>19</b>	0117 0.90 1426 0.54 WE
<b>5</b>	0456 0.97 1503 0.44 WE	<b>20</b>	0444 0.88 1433 0.56 TH 2215 0.80
<b>6</b>	0709 0.97 1527 0.49 TH 2238 0.75	<b>21</b>	0028 0.78 0639 0.87 FR 1432 0.58 2111 0.81
<b>7</b>	0052 0.74 0810 0.96 FR 1530 0.55 2145 0.78	<b>22</b>	0129 0.73 0742 0.87 SA 1431 0.60 2058 0.84
<b>8</b>	0226 0.68 0909 0.92 SA 1535 0.60 2151 0.83	<b>23</b>	0231 0.68 0836 0.85 SU 1430 0.63 2055 0.89
<b>9</b>	0328 0.63 1008 0.87 SU 1541 0.65 2153 0.88	<b>24</b>	0324 0.62 0941 0.82 MO 1425 0.65 2100 0.95
<b>10</b>	0416 0.59 1101 0.80 MO 1448 0.68 ☉ 2148 0.94	<b>25</b>	0414 0.56 1046 0.77 TU 1425 0.67 ● 2113 1.01
<b>11</b>	0501 0.57 1150 0.73 TU 1445 0.66 2152 0.99	<b>26</b>	0507 0.51 1145 0.72 WE 1423 0.67 2130 1.06
<b>12</b>	0548 0.56 1236 0.66 WE 1444 0.64 2205 1.03	<b>27</b>	0619 0.47 1245 0.66 TH 1400 0.66 2153 1.10
<b>13</b>	0819 0.55 2227 1.04 TH	<b>28</b>	0800 0.44 2220 1.11 FR
<b>14</b>	0910 0.55 1035 0.56 FR 1154 0.55 2254 1.04	<b>29</b>	0902 0.42 2250 1.10 SA
<b>15</b>	0959 0.55 1050 0.55 SA 1236 0.53 2326 1.02	<b>30</b>	1007 0.42 2323 1.06 SU
	<b>31</b>	1242 0.42 2356 1.00 MO	

## NOVEMBER

Time	m	Time	m
<b>1</b>	1323 0.43 TU ☉	<b>16</b>	0000 0.95 1310 0.57 WE ☉
<b>2</b>	0031 0.93 0200 0.92 WE 0304 0.93 1358 0.47	<b>17</b>	0030 0.90 1301 0.59 TH 2154 0.85 2345 0.84
<b>3</b>	0418 0.87 1420 0.53 TH 2133 0.80	<b>18</b>	0058 0.85 1231 0.61 FR 2022 0.85
<b>4</b>	0044 0.77 0709 0.83 FR 1414 0.60 2029 0.84	<b>19</b>	0233 0.78 0440 0.79 SA 1243 0.63 1953 0.89
<b>5</b>	0230 0.69 0835 0.80 SA 1406 0.65 2029 0.90	<b>20</b>	0241 0.71 0720 0.75 SU 1249 0.66 1949 0.95
<b>6</b>	0314 0.62 0945 0.76 SU 1353 0.68 2027 0.97	<b>21</b>	0316 0.62 0913 0.73 MO 1252 0.68 1958 1.02
<b>7</b>	0400 0.56 1040 0.72 MO 1310 0.68 2036 1.03	<b>22</b>	0401 0.54 1027 0.71 TU 1249 0.70 2015 1.09
<b>8</b>	0450 0.52 1131 0.69 TU 1318 0.67 ☉ 2051 1.07	<b>23</b>	0455 0.45 1137 0.69 WE 1215 0.69 2037 1.14
<b>9</b>	0614 0.49 1238 0.65 WE 1313 0.65 2109 1.10	<b>24</b>	0557 0.39 2102 1.18 TH ●
<b>10</b>	0708 0.47 2130 1.11 TH	<b>25</b>	0658 0.34 2131 1.19 FR
<b>11</b>	0749 0.46 2156 1.10 FR	<b>26</b>	0752 0.33 2202 1.17 SA
<b>12</b>	0829 0.47 2226 1.08 SA	<b>27</b>	0845 0.35 2234 1.12 SU
<b>13</b>	0909 0.50 2257 1.04 SU	<b>28</b>	0941 0.39 2304 1.05 MO
<b>14</b>	0951 0.52 1133 0.54 MO 1215 0.53 2329 1.00	<b>29</b>	1155 0.45 2330 0.97 TU
<b>15</b>	1037 0.55 1145 0.55 TU 1249 0.55	<b>30</b>	1244 0.51 2350 0.89 WE ☉

## DECEMBER

Time	m	Time	m
<b>1</b>	1311 0.59 2108 0.85 TH	<b>16</b>	0844 0.61 2045 0.87 FR ☉
<b>2</b>	1204 0.65 1927 0.89 FR	<b>17</b>	0846 0.63 1901 0.90 SA
<b>3</b>	0545 0.68 0800 0.69 SA 0918 0.69 1928 0.96	<b>18</b>	0842 0.65 1851 0.96 SU
<b>4</b>	0435 0.60 1930 1.02 SU ☉	<b>19</b>	0436 0.64 1857 1.04 MO
<b>5</b>	0510 0.54 1940 1.08 MO	<b>20</b>	0423 0.54 1917 1.11 TU
<b>6</b>	0541 0.49 1959 1.12 TU	<b>21</b>	0449 0.44 1945 1.18 WE
<b>7</b>	0606 0.45 2020 1.15 WE	<b>22</b>	0528 0.36 2019 1.22 TH
<b>8</b>	0628 0.43 2044 1.15 TH ☉	<b>23</b>	0611 0.30 2055 1.24 FR ●
<b>9</b>	0652 0.42 2111 1.14 FR	<b>24</b>	0656 0.28 2133 1.22 SA
<b>10</b>	0721 0.43 2140 1.12 SA	<b>25</b>	0741 0.30 2212 1.17 SU
<b>11</b>	0752 0.45 2211 1.09 SU	<b>26</b>	0825 0.35 2243 1.10 MO
<b>12</b>	0823 0.48 2243 1.05 MO	<b>27</b>	0905 0.43 2258 1.01 TU
<b>13</b>	0850 0.51 2312 1.01 TU	<b>28</b>	0934 0.52 2303 0.92 WE
<b>14</b>	0906 0.55 2337 0.96 WE	<b>29</b>	0945 0.61 2052 0.86 TH
<b>15</b>	0836 0.58 2355 0.90 TH	<b>30</b>	0731 0.63 1825 0.88 FR ☉
	<b>31</b>	0705 0.62 1827 0.96 SA	

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Datum of Predictions is Chart Datum

Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

● New Moon

☉ First Quarter

○ Full Moon

☾ Last Quarter