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# WHYALLA – SOUTH AUSTRALIA

LAT 33° 1' S LONG 137° 35' E

Times and Heights of High and Low Waters

# 2019

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>	0235	2.11	<b>16</b>	0131	2.18	<b>1</b>	0415	2.23	<b>16</b>	0345	2.19	<b>1</b>	0152	1.76	<b>16</b>	0039	1.68	
	1317	1.10		1148	1.25		1345	0.64		1343	0.52		0541	1.93		0508	2.04	
TU			WE			FR	2118	1.92	SA	2120	2.10	FR			SA	TU	1219	0.60
							2358	1.84					2012	2.23		1902	2.36	
<b>2</b>	0421	2.26	<b>17</b>	0328	2.22	<b>2</b>	0549	2.37	<b>17</b>	0106	1.95	<b>2</b>	0138	1.48	<b>17</b>	0043	1.33	
	1314	0.81		1254	0.87		1407	0.48		0556	2.36		0642	2.16		0600	2.24	
WE	2111	1.74	TH	2113	1.83	SA	2058	2.00	SU	1415	0.27	SA	1339	0.61	WE	1243	0.60	
	2246	1.73		2245	1.81					2113	2.15		2006	2.32		1902	2.43	
<b>3</b>	0520	2.44	<b>18</b>	0501	2.37	<b>3</b>	0103	1.64	<b>18</b>	0140	1.73	<b>3</b>	0150	1.21	<b>18</b>	0102	1.03	
	1339	0.58		1336	0.55		0643	2.54		0657	2.58		0719	2.35		0638	2.34	
TH	2042	1.84	FR	2050	1.97	SU	1432	0.38	MO	1447	0.14	WE	1401	0.57	TH	1303	0.68	
							2058	2.07		2122	2.16		2011	2.41		1906	2.52	
<b>4</b>	0002	1.65	<b>19</b>	0014	1.77	<b>4</b>	0138	1.42	<b>19</b>	0207	1.50	<b>4</b>	0209	0.99	<b>19</b>	0126	0.80	
	0605	2.60		0601	2.56		0725	2.69		0740	2.76		0748	2.46		0707	2.34	
FR	1408	0.44	SA	1416	0.32	MO	1458	0.34	TU	1515	0.14	TH	1421	0.56	FR	1317	0.78	
	2043	1.93		2103	2.05		2107	2.12		2133	2.14		2021	2.50		1914	2.65	
<b>5</b>	0045	1.52	<b>20</b>	0102	1.67	<b>5</b>	0209	1.23	<b>20</b>	0235	1.28	<b>5</b>	0232	0.81	<b>20</b>	0151	0.65	
	0644	2.74		0648	2.74		0759	2.79		0816	2.84		0813	2.52		0732	2.26	
SA	1437	0.37	SU	1453	0.18	TU	1521	0.33	WE	1538	0.22	FR	1437	0.56	SA	1326	0.84	
	2054	1.99		2124	2.06	●	2121	2.18	○	2143	2.15	●	2035	2.61		1926	2.80	
<b>6</b>	0120	1.37	<b>21</b>	0139	1.54	<b>6</b>	0238	1.07	<b>21</b>	0302	1.08	<b>6</b>	0258	0.68	<b>21</b>	0218	0.57	
	0721	2.85		0731	2.88		0830	2.84		0848	2.82		0837	2.51		0754	2.15	
SU	1505	0.35	MO	1527	0.14	WE	1541	0.35	TH	1555	0.36	SA	1454	0.56	SU	1333	0.84	
●	2109	2.04	○	2145	2.03		2138	2.23		2154	2.21		2053	2.73		1942	2.94	
<b>7</b>	0152	1.23	<b>22</b>	0212	1.41	<b>7</b>	0307	0.96	<b>22</b>	0330	0.94	<b>7</b>	0224	0.60	<b>22</b>	0244	0.56	
	0756	2.91		0809	2.95		0856	2.83		0913	2.69		0800	2.46		0812	2.02	
MO	1532	0.36	TU	1558	0.19	TH	1600	0.37	FR	1605	0.49	TH	1408	0.57	MO	1342	0.81	
	2128	2.08		2205	2.00		2156	2.29		2204	2.31	●	2012	2.82		2000	3.04	
<b>8</b>	0225	1.12	<b>23</b>	0245	1.28	<b>8</b>	0336	0.89	<b>23</b>	0358	0.86	<b>8</b>	0252	0.57	<b>23</b>	0309	0.60	
	0828	2.92		0844	2.94		0921	2.77		0934	2.51		0824	2.35		0829	1.91	
TU	1555	0.39	WE	1621	0.31	FR	1616	0.39	SA	1609	0.58	FR	1421	0.61	TU	1353	0.79	
	2148	2.11		2221	1.99		2216	2.35		2213	2.45		2029	2.89		2020	3.07	
<b>9</b>	0257	1.06	<b>24</b>	0317	1.18	<b>9</b>	0405	0.88	<b>24</b>	0425	0.84	<b>9</b>	0319	0.58	<b>24</b>	0334	0.65	
	0857	2.88		0914	2.83		0944	2.66		0951	2.30		0848	2.19		0850	1.82	
WE	1617	0.43	TH	1637	0.46	SA	1631	0.43	SU	1609	0.61	SA	1432	0.70	WE	1406	0.81	
	2211	2.14		2235	2.03		2235	2.40		2225	2.59		2046	2.93		2040	3.04	
<b>10</b>	0329	1.05	<b>25</b>	0350	1.12	<b>10</b>	0435	0.89	<b>25</b>	0452	0.87	<b>10</b>	0345	0.62	<b>25</b>	0359	0.71	
	0924	2.79		0939	2.65		1007	2.51		1008	2.08		0912	2.00		0915	1.73	
TH	1636	0.47	FR	1645	0.60	SU	1643	0.51	MO	1611	0.63	WE	1439	0.81	TH	1420	0.91	
	2233	2.16		2245	2.12		2254	2.46		2243	2.69		2101	2.93		2100	2.93	
<b>11</b>	0400	1.08	<b>26</b>	0422	1.10	<b>11</b>	0506	0.93	<b>26</b>	0523	0.93	<b>11</b>	0413	0.68	<b>26</b>	0428	0.79	
	0948	2.67		1000	2.43		1033	2.30		1027	1.85		0936	1.77		0945	1.62	
FR	1654	0.52	SA	1647	0.69	MO	1653	0.63	TU	1614	0.68	TH	1441	0.96	FR	1429	1.08	
	2257	2.19		2257	2.25		2313	2.49	●	2304	2.70		2117	2.89		2117	2.74	
<b>12</b>	0434	1.14	<b>27</b>	0457	1.12	<b>12</b>	0541	0.99	<b>27</b>	0600	1.05	<b>12</b>	0449	0.80	<b>27</b>	0505	0.92	
	1013	2.50		1021	2.17		1100	2.02		1043	1.60		1001	1.50		1025	1.48	
SA	1711	0.61	SU	1648	0.75	TU	1700	0.81	WE	1612	0.79	FR	1430	1.11	SA	1416	1.29	
	2323	2.21		2317	2.37		2337	2.49		2325	2.61		2133	2.75	●	2126	2.49	
<b>13</b>	0511	1.22	<b>28</b>	0539	1.18	<b>13</b>	0627	1.09	<b>28</b>	0658	1.20	<b>13</b>	0549	0.98	<b>28</b>	0612	1.08	
	1040	2.27		1042	1.87		1128	1.68		1038	1.34		1017	1.21		2049	2.22	
SU	1727	0.74	MO	1647	0.82	WE	1654	1.02	TH	1548	0.94	SA	1241	1.17	SU			
	2354	2.21	●	2344	2.42	●			●	2344	2.42	●	2136	2.52				
<b>14</b>	0600	1.31	<b>29</b>	0636	1.28	<b>14</b>	0003	2.44	<b>29</b>	0620	1.04	<b>14</b>	1130	0.93	<b>29</b>	1022	1.12	
	1112	1.98		1054	1.56		0804	1.19		1050	1.38		2010	2.29		1855	2.15	
MO	1739	0.94	TU	1638	0.93	TH	1137	1.29	FR	1527	1.04	SU			MO			
●							1548	1.17	○	2256	2.49							
<b>15</b>	0032	2.20	<b>30</b>	0017	2.39	<b>15</b>	0034	2.32	<b>30</b>	1333	1.08	<b>15</b>	1151	0.71	<b>30</b>	0054	1.70	
	0715	1.38		1545	1.02		1319	0.87		2229	2.23		1914	2.29		0353	1.76	
TU	1150	1.63	WE			FR			SA			MO			TU	1118	0.99	
	1737	1.18														1817	2.28	
			<b>31</b>	0111	2.28				<b>31</b>	1300	0.89							
			TH	1343	0.87				SU	2041	2.15							

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Datum of Predictions is Lowest Astronomical Tide

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

# WHYALLA – SOUTH AUSTRALIA

LAT 33° 1' S LONG 137° 35' E

Times and Heights of High and Low Waters

# 2019

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> 0019 1.41		<b>16</b> 0022 1.14		<b>1</b> 0034 0.81		<b>16</b> 0105 0.59		<b>1</b> 0058 0.57		<b>16</b> 0134 0.51		<b>1</b> 0214 0.26		<b>16</b> 0210 0.45	
0522 1.96		0554 1.97		0628 2.01		0719 1.81		0721 1.92		0754 1.84		0829 1.96		0803 2.07	
WE 1149 0.91	TH	1150 1.07		SA 1146 1.21	SU	1125 1.44		MO 1132 1.49	TU	1145 1.47		TH 1251 1.42	FR	1321 1.04	
1814 2.42		1800 2.56		1747 2.82		1744 2.95		1740 2.95		1806 2.93		● 1854 3.06		1918 2.93	
<b>2</b> 0032 1.12		<b>17</b> 0046 0.85		<b>2</b> 0105 0.62		<b>17</b> 0136 0.51		<b>2</b> 0137 0.43		<b>17</b> 0202 0.47		<b>2</b> 0246 0.26		<b>17</b> 0232 0.46	
0603 2.13		0633 2.04		0701 2.06		0740 1.82		0752 1.94		0805 1.89		0851 1.95		0821 2.13	
TH 1214 0.87	FR	1209 1.13		SU 1210 1.19	MO	1153 1.35		TU 1205 1.44	WE	1225 1.33		FR 1328 1.29	SA	1350 0.92	
1821 2.56		1809 2.72		1809 2.98	○	1813 3.07		1815 3.09	○	1842 3.02		1931 3.08		1945 2.94	
<b>3</b> 0053 0.88		<b>18</b> 0113 0.65		<b>3</b> 0138 0.50		<b>18</b> 0206 0.49		<b>3</b> 0216 0.36		<b>18</b> 0229 0.47		<b>3</b> 0312 0.34		<b>18</b> 0251 0.47	
0635 2.23		0704 2.03		0732 2.05		0801 1.83		0823 1.93		0822 1.94		0911 1.95		0840 2.19	
FR 1236 0.86	SA	1221 1.16		MO 1232 1.17	TU	1222 1.25		WE 1236 1.38	TH	1303 1.20		SA 1403 1.18	SU	1420 0.86	
1835 2.70		1823 2.88		● 1836 3.11		1845 3.14		● 1850 3.16		1916 3.05		2003 3.00		2010 2.88	
<b>4</b> 0119 0.70		<b>19</b> 0142 0.54		<b>4</b> 0213 0.44		<b>19</b> 0236 0.50		<b>4</b> 0253 0.34		<b>19</b> 0253 0.49		<b>4</b> 0333 0.46		<b>19</b> 0307 0.48	
0702 2.28		0729 1.98		0803 2.01		0822 1.85		0854 1.89		0842 1.99		0928 1.98		0901 2.25	
SA 1255 0.85	SU	1233 1.13		TU 1253 1.16	WE	1254 1.17		TH 1306 1.34	FR	1338 1.11		SU 1436 1.12	MO	1449 0.85	
1852 2.84	○	1842 3.03		1903 3.18		1916 3.15		1924 3.17		1946 3.03		2029 2.83		2033 2.77	
<b>5</b> 0147 0.57		<b>20</b> 0210 0.51		<b>5</b> 0247 0.43		<b>20</b> 0303 0.53		<b>5</b> 0326 0.38		<b>20</b> 0315 0.50		<b>5</b> 0345 0.60		<b>20</b> 0323 0.51	
0728 2.27		0751 1.91		0836 1.93		0846 1.88		0925 1.85		0905 2.05		0942 2.05		0921 2.31	
SU 1312 0.85	MO	1249 1.07		WE 1315 1.17	TH	1325 1.14		FR 1338 1.32	SA	1413 1.08		MO 1509 1.10	TU	1518 0.88	
● 1911 2.97		1905 3.14		1930 3.20		1946 3.10		1956 3.09		2014 2.95		2052 2.60		2055 2.62	
<b>6</b> 0216 0.51		<b>21</b> 0239 0.52		<b>6</b> 0321 0.46		<b>21</b> 0328 0.56		<b>6</b> 0353 0.47		<b>21</b> 0335 0.52		<b>6</b> 0350 0.72		<b>21</b> 0336 0.57	
0755 2.21		0813 1.86		0909 1.83		0912 1.91		0952 1.82		0928 2.10		0953 2.17		0940 2.36	
MO 1328 0.85	TU	1308 1.01		TH 1335 1.22	FR	1357 1.16		SA 1410 1.34	SU	1447 1.10		TU 1542 1.13	WE	1547 0.93	
1934 3.06		1930 3.17		1956 3.14		2014 3.00		2024 2.94		2040 2.83		2112 2.33		2119 2.41	
<b>7</b> 0246 0.49		<b>22</b> 0305 0.56		<b>7</b> 0353 0.53		<b>22</b> 0350 0.59		<b>7</b> 0413 0.60		<b>22</b> 0352 0.55		<b>7</b> 0351 0.79		<b>22</b> 0347 0.68	
0822 2.10		0835 1.82		0943 1.74		0940 1.94		1016 1.84		0952 2.15		1009 2.30		1000 2.40	
TU 1344 0.89	WE	1330 1.00		FR 1353 1.29	SA	1429 1.23		SU 1443 1.37	MO	1521 1.15		WE 1618 1.19	TH	1618 1.00	
1955 3.10		1956 3.14		2020 3.03		2040 2.86		2051 2.73		2105 2.66		2131 2.04		2144 2.16	
<b>8</b> 0316 0.52		<b>23</b> 0331 0.61		<b>8</b> 0422 0.63		<b>23</b> 0413 0.63		<b>8</b> 0428 0.73		<b>23</b> 0410 0.61		<b>8</b> 0350 0.86		<b>23</b> 0356 0.83	
0850 1.96		0900 1.80		1018 1.67		1012 1.97		1036 1.90		1018 2.19		1031 2.39		1021 2.42	
WE 1357 0.97	TH	1352 1.04		SA 1408 1.39	SU	1502 1.35		MO 1523 1.44	TU	1557 1.23		TH 1704 1.30	FR	1656 1.10	
2015 3.09		2020 3.05		2043 2.85		2106 2.67		2117 2.46		2131 2.44		● 2146 1.72		2211 1.85	
<b>9</b> 0345 0.57		<b>24</b> 0355 0.66		<b>9</b> 0450 0.75		<b>24</b> 0437 0.70		<b>9</b> 0439 0.86		<b>24</b> 0427 0.72		<b>9</b> 0345 0.94		<b>24</b> 0358 1.02	
0918 1.80		0930 1.79		1103 1.64		1051 1.99		1102 1.99		1047 2.22		1101 2.40		1046 2.38	
TH 1407 1.07	FR	1415 1.15		SU 1420 1.52	MO	1542 1.49		TU 1617 1.53	WE	1639 1.32		FR 1840 1.42	SA	1800 1.24	
2033 3.04		2043 2.91		2107 2.59		2132 2.43		● 2143 2.12		2202 2.17		2108 1.43	●	2230 1.48	
<b>10</b> 0415 0.66		<b>25</b> 0423 0.71		<b>10</b> 0520 0.90		<b>25</b> 0502 0.82		<b>10</b> 0446 0.99		<b>25</b> 0442 0.89		<b>10</b> 0320 1.04		<b>25</b> 0333 1.21	
0947 1.64		1007 1.76		2123 2.25		1141 2.00		1141 2.10		1120 2.24		1144 2.32		1116 2.28	
FR 1411 1.20	SA	1435 1.31		MO ●	TU ●	1641 1.65		WE 1748 1.62	TH	1737 1.41		SA	SU		
2051 2.92		2105 2.71		●	● 2200 2.13			2157 1.76	●	2236 1.84					
<b>11</b> 0451 0.77		<b>26</b> 0454 0.80		<b>11</b> 0557 1.08		<b>26</b> 0531 1.01		<b>11</b> 0445 1.14		<b>26</b> 0452 1.10		<b>11</b> 0106 1.00		<b>26</b> 0014 1.08	
1026 1.48		1101 1.72		1756 1.94		1301 2.05		1247 2.18		1207 2.24		1439 2.23		1358 2.13	
SA 1358 1.33	SU	1448 1.52		TU	WE	1847 1.73		TH	FR	2018 1.43		SU	MO		
2107 2.72		2121 2.45			2231 1.78					2332 1.48					
<b>12</b> 0546 0.93		<b>27</b> 0536 0.94		<b>12</b> 0658 1.28		<b>27</b> 0607 1.23		<b>12</b> 0345 1.27		<b>27</b> 0434 1.33		<b>12</b> 0042 0.79		<b>27</b> 0024 0.73	
2107 2.42		2113 2.14		1623 2.15		1445 2.17		1434 2.30		1337 2.25		0843 1.84		0805 1.99	
SU ●	MO ●			WE 2350 1.40	TH	2306 1.42		FR	SA	2334 1.11		MO 0926 1.84	TU	1118 1.90	
												1638 2.38		1646 2.33	
<b>13</b> 0804 1.07		<b>28</b> 0640 1.12		<b>13</b> 0437 1.56		<b>28</b> 0318 1.54		<b>13</b> 0011 1.03		<b>28</b> 1533 2.37		<b>13</b> 0059 0.62		<b>28</b> 0055 0.45	
1910 2.19		1723 2.04		0902 1.43		0729 1.45		1551 2.47				0751 1.89		0750 2.05	
MO	TU			TH 1636 2.37	FR	1547 2.36		SA	SU			TU 1132 1.65	WE	1214 1.67	
						2341 1.08						1734 2.57		1745 2.60	
<b>14</b> 1039 1.05		<b>29</b> 0858 1.25		<b>14</b> 0005 1.04		<b>29</b> 0600 1.69		<b>14</b> 0034 0.77		<b>29</b> 0020 0.78		<b>14</b> 0123 0.51		<b>29</b> 0127 0.28	
1807 2.25		1657 2.24		0612 1.69		0957 1.53		0810 1.72		0749 1.84		0744 1.95		0756 2.07	
TU	WE	2349 1.39		FR 1018 1.49	SA	1630 2.57		SU 0944 1.70	MO	1016 1.77		WE 1217 1.43	TH	1245 1.44	
				1656 2.59				1644 2.65		1642 2.57		1815 2.74		1827 2.82	
<b>15</b> 0012 1.51		<b>30</b> 0447 1.74		<b>15</b> 0033 0.76		<b>30</b> 0019 0.79		<b>15</b> 0104 0.60		<b>30</b> 0100 0.52		<b>15</b> 0148 0.46		<b>30</b> 0157 0.24	
0453 1.83		1033 1.24		0652 1.78		0646 1.84		0751 1.79		0751 1.94		0751 2.01		0808 2.07	
WE 1122 1.03	TH	1709 2.45		SA 1056 1.49	SU	1054 1.53		MO 1056 1.61	TU	1124 1.69		TH 1250 1.22	FR	1314 1.21	
1756 2.40				1718 2.78		1706 2.77		1727 2.81		1732 2.78		○ 1849 2.87	●	1903 2.94	
		<b>31</b> 0007 1.07								<b>31</b> 0139 0.34				<b>31</b> 0222 0.29	
		0548 1.90								0808 1.97				0822 2.08	
		FR 1116 1.23								WE 1212 1.56				SA 1343 1.01	
		1727 2.64								1816 2.95				1935 2.94	

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Datum of Predictions is Lowest Astronomical Tide

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

# WHYALLA – SOUTH AUSTRALIA

LAT 33° 1' S LONG 137° 35' E

Times and Heights of High and Low Waters

# 2019

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> 0242 0.40 0835 2.12 SU 1412 0.87 2001 2.83		<b>16</b> 0217 0.51 0806 2.38 MO 1415 0.63 2000 2.73		<b>1</b> 0210 0.72 0801 2.52 TU 1434 0.55 2013 2.35		<b>16</b> 0254 0.68 0846 2.70 WE 1532 0.47 2111 2.41		<b>1</b> 0236 0.89 0854 2.94 FR 1615 0.59 2136 1.82		<b>16</b> 0249 0.98 0855 2.93 SA 1621 0.51 2202 1.92		<b>1</b> 0242 1.04 0903 2.91 SU 1636 0.62 2213 1.82		<b>16</b> 0259 1.23 0911 2.89 MO 1657 0.53 2254 1.81	
<b>2</b> 0256 0.54 0848 2.21 MO 1441 0.80 2024 2.64		<b>17</b> 0233 0.52 0825 2.45 TU 1441 0.63 2021 2.63		<b>2</b> 0213 0.78 0813 2.64 WE 1500 0.59 2026 2.14		<b>17</b> 0308 0.70 0906 2.75 TH 1558 0.51 2134 2.27		<b>2</b> 0249 0.88 0915 2.90 SA 1636 0.70 2156 1.75		<b>17</b> 0303 1.07 0914 2.87 SU 1648 0.60 2230 1.77		<b>2</b> 0308 1.10 0929 2.76 MO 1658 0.69 2244 1.82		<b>17</b> 0323 1.31 0936 2.73 TU 1721 0.65 2326 1.77	
<b>3</b> 0302 0.66 0858 2.32 TU 1508 0.80 2041 2.40		<b>18</b> 0246 0.56 0843 2.51 WE 1507 0.65 2042 2.48		<b>3</b> 0215 0.78 0827 2.74 TH 1522 0.68 2039 1.96		<b>18</b> 0320 0.77 0922 2.77 FR 1622 0.58 2155 2.10		<b>3</b> 0304 0.93 0936 2.79 SU 1659 0.80 2221 1.67		<b>18</b> 0314 1.19 0933 2.76 MO 1717 0.72 2303 1.62		<b>3</b> 0334 1.23 0952 2.56 TU 1723 0.78 2325 1.80		<b>18</b> 0348 1.41 1002 2.50 WE 1744 0.81	
<b>4</b> 0303 0.73 0909 2.46 WE 1534 0.85 2055 2.16		<b>19</b> 0258 0.62 0900 2.56 TH 1532 0.71 2103 2.29		<b>4</b> 0218 0.76 0843 2.79 FR 1544 0.78 2055 1.81		<b>19</b> 0329 0.86 0938 2.77 SA 1647 0.66 2218 1.89		<b>4</b> 0317 1.07 0953 2.60 MO 1727 0.93 2253 1.56		<b>19</b> 0316 1.33 0952 2.57 TU 1755 0.89		<b>4</b> 0402 1.41 1012 2.30 WE 1753 0.93		<b>19</b> 0009 1.76 0424 1.55 TH 1028 2.18 1806 1.01	
<b>5</b> 0301 0.74 0923 2.57 TH 1600 0.93 2109 1.93		<b>20</b> 0307 0.72 0916 2.59 FR 1558 0.78 2126 2.06		<b>5</b> 0224 0.78 0902 2.75 SA 1608 0.91 2112 1.65		<b>20</b> 0335 1.00 0953 2.72 SU 1715 0.78 2243 1.65		<b>5</b> 0318 1.27 1002 2.34 TU 1810 1.12		<b>20</b> 0011 1.48 0211 1.47 WE 1002 2.29 1911 1.11		<b>5</b> 0034 1.77 0433 1.63 TH 1014 1.99 1832 1.14		<b>20</b> 0133 1.80 0612 1.70 FR 1033 1.79 1823 1.24	
<b>6</b> 0302 0.76 0942 2.61 FR 1630 1.06 2124 1.69		<b>21</b> 0312 0.86 0932 2.58 SA 1628 0.89 2149 1.77		<b>6</b> 0329 0.88 1020 2.60 SU 1739 1.07 2224 1.48		<b>21</b> 0332 1.15 1009 2.59 MO 1755 0.97 2304 1.38		<b>6</b> 0919 2.06 2313 1.26 WE		<b>21</b> 0809 2.01 2307 1.17 TH		<b>6</b> 0431 1.86 2012 1.37 FR		<b>21</b> 0352 1.95 1256 1.35 SA	
<b>7</b> 0302 0.83 1004 2.54 SA 1713 1.23 2120 1.46		<b>22</b> 0311 1.03 0950 2.51 SU 1713 1.07 2202 1.43		<b>7</b> 0319 1.05 1029 2.37 MO 1840 1.28 2122 1.31		<b>22</b> 0225 1.28 1015 2.37 TU		<b>7</b> 0721 2.00 1331 1.51 TH 1741 1.68		<b>22</b> 0635 2.07 1253 1.40 FR 1800 1.77		<b>7</b> 0512 2.07 1239 1.24 SA 1827 1.66 2321 1.40		<b>22</b> 0448 2.16 1251 0.96 SU 2009 1.71 2306 1.64	
<b>8</b> 0247 0.95 1023 2.37 SU		<b>23</b> 0234 1.19 1004 2.36 MO		<b>8</b> 0147 1.14 0952 2.10 TU		<b>23</b> 0015 1.10 0847 2.15 WE		<b>8</b> 0005 1.12 0642 2.16 FR 1302 1.21 1834 1.93		<b>23</b> 0004 1.13 0625 2.24 SA 1300 1.01 1856 1.98		<b>8</b> 0537 2.27 1255 0.91 SU 1910 1.87		<b>23</b> 0523 2.37 1321 0.64 MO 2024 1.84 2356 1.65	
<b>9</b> 0116 1.01 1025 2.11 MO		<b>24</b> 0007 1.03 0931 2.14 TU		<b>9</b> 0051 1.01 0812 2.03 WE 1332 1.60 1803 1.90		<b>24</b> 0029 0.86 0743 2.16 TH 1317 1.54 1807 2.00		<b>9</b> 0035 1.03 0643 2.32 SA 1315 0.91 1908 2.14		<b>24</b> 0036 1.15 0634 2.41 SU 1326 0.68 1935 2.09		<b>9</b> 0008 1.36 0601 2.46 MO 1321 0.65 1941 2.02		<b>24</b> 0554 2.56 1355 0.44 TU 2042 1.90	
<b>10</b> 0029 0.85 0757 1.96 TU 1219 1.78 1657 2.12		<b>25</b> 0007 0.71 0732 2.11 WE 1226 1.75 1705 2.16		<b>10</b> 0102 0.84 0739 2.13 TH 1319 1.30 1845 2.17		<b>25</b> 0057 0.71 0728 2.25 FR 1319 1.18 1854 2.26		<b>10</b> 0100 0.98 0655 2.46 SU 1337 0.67 1936 2.27		<b>25</b> 0059 1.21 0646 2.57 MO 1356 0.46 2006 2.11		<b>10</b> 0039 1.33 0625 2.63 TU 1352 0.46 2008 2.10		<b>25</b> 0026 1.60 0624 2.73 WE 1428 0.34 2057 1.90	
<b>11</b> 0038 0.68 0722 2.02 WE 1220 1.49 1746 2.37		<b>26</b> 0033 0.48 0718 2.17 TH 1230 1.44 1755 2.46		<b>11</b> 0122 0.73 0735 2.24 FR 1332 1.01 1917 2.38		<b>26</b> 0124 0.67 0731 2.34 SA 1340 0.86 1930 2.41		<b>11</b> 0123 0.96 0709 2.60 MO 1402 0.50 2001 2.32		<b>26</b> 0114 1.26 0700 2.74 TU 1426 0.34 2032 2.05		<b>11</b> 0105 1.30 0651 2.79 WE 1423 0.35 2033 2.11		<b>26</b> 0051 1.50 0657 2.86 TH 1458 0.32 2110 1.89	
<b>12</b> 0059 0.56 0716 2.10 TH 1238 1.22 1821 2.57		<b>27</b> 0101 0.37 0721 2.21 FR 1250 1.14 1831 2.66		<b>12</b> 0144 0.68 0742 2.34 SA 1352 0.79 1943 2.52		<b>27</b> 0146 0.74 0738 2.44 SU 1405 0.61 2000 2.44		<b>12</b> 0142 0.95 0728 2.72 TU 1430 0.40 2024 2.32		<b>27</b> 0125 1.25 0720 2.89 WE 1456 0.32 2054 1.96		<b>12</b> 0127 1.25 0718 2.91 TH 1456 0.31 2058 2.09		<b>27</b> 0119 1.37 0731 2.95 FR 1527 0.35 2124 1.89	
<b>13</b> 0121 0.51 0721 2.17 FR 1259 0.99 1850 2.72		<b>28</b> 0126 0.39 0728 2.24 SA 1315 0.89 1903 2.74		<b>13</b> 0204 0.67 0754 2.43 SU 1415 0.62 2006 2.57		<b>28</b> 0202 0.85 0748 2.55 MO 1432 0.45 2026 2.36		<b>13</b> 0200 0.94 0748 2.83 WE 1458 0.36 2047 2.27		<b>28</b> 0138 1.18 0743 2.99 TH 1524 0.37 2112 1.89		<b>13</b> 0149 1.20 0747 3.00 FR 1529 0.31 2126 2.04		<b>28</b> 0150 1.23 0804 2.98 SA 1552 0.41 2142 1.92	
<b>14</b> 0141 0.50 0733 2.23 SA 1323 0.82 1915 2.79		<b>29</b> 0147 0.49 0737 2.29 SU 1341 0.69 1930 2.70		<b>14</b> 0222 0.67 0809 2.52 MO 1439 0.51 2029 2.57		<b>29</b> 0213 0.93 0800 2.69 TU 1500 0.39 2048 2.22		<b>14</b> 0217 0.92 0811 2.91 TH 1526 0.38 2112 2.18		<b>29</b> 0155 1.10 0810 3.03 FR 1551 0.45 2130 1.84		<b>14</b> 0212 1.17 0816 3.02 SA 1601 0.36 2155 1.96		<b>29</b> 0223 1.14 0837 2.95 SU 1614 0.47 2202 1.96	
<b>15</b> 0200 0.50 0748 2.30 SU 1349 0.70 1938 2.79		<b>30</b> 0201 0.62 0749 2.39 MO 1408 0.58 1954 2.55		<b>15</b> 0239 0.67 0827 2.62 TU 1506 0.46 2050 2.51		<b>30</b> 0220 0.95 0816 2.83 WE 1527 0.41 2106 2.06		<b>15</b> 0233 0.93 0834 2.95 FR 1554 0.43 2137 2.07		<b>30</b> 0217 1.04 0837 3.00 SA 1614 0.54 2149 1.82		<b>15</b> 0236 1.18 0844 2.99 SU 1631 0.43 2224 1.88		<b>30</b> 0256 1.10 0906 2.87 MO 1633 0.51 2224 2.02	
				<b>31</b> 0227 0.93 0834 2.92 TH 1552 0.49 2121 1.92										<b>31</b> 0331 1.12 0934 2.74 TU 1652 0.56 2250 2.06	

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Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter