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# PORT ALMA – QUEENSLAND

LAT 23° 35' S LONG 150° 52' 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> 0048 3.73		<b>16</b> 0114 4.32		<b>1</b> 0139 3.85		<b>16</b> 0309 4.37		<b>1</b> 0039 4.17		<b>16</b> 0243 4.41		<b>1</b> 0230 4.14		<b>16</b> 0503 4.41	
0630 1.99		0728 1.52		0727 2.30		0950 2.01		0643 2.12		0936 2.06		0926 2.25		1147 1.64	
WE 1318 4.32		TH 1344 4.95		SA 1354 3.92		SU 1532 4.04		SU 1241 3.88		MO 1514 3.70		WE 1521 3.43		TH 1740 3.92	
2001 1.91		2018 1.32		2037 2.07		☉ 2207 1.80		1908 2.05		☉ 2142 2.11		☉ 2145 2.25			
<b>2</b> 0147 3.62		<b>17</b> 0223 4.26		<b>2</b> 0259 3.80		<b>17</b> 0437 4.42		<b>2</b> 0141 4.00		<b>17</b> 0415 4.36		<b>2</b> 0408 4.30		<b>17</b> 0001 1.90	
0726 2.25		0844 1.77		0922 2.47		1117 1.93		0754 2.40		1106 1.94		1050 1.96		0602 4.59	
TH 1413 4.12		FR 1447 4.67		SU 1514 3.72		MO 1657 3.93		MO 1348 3.58		TU 1650 3.71		TH 1655 3.71		FR 1236 1.40	
2110 1.95		☉ 2125 1.42		☉ 2210 2.05		2332 1.75		2031 2.25		2318 2.03		2310 1.94		1828 4.24	
<b>3</b> 0309 3.62		<b>18</b> 0339 4.30		<b>3</b> 0431 3.96		<b>18</b> 0555 4.65		<b>3</b> 0320 3.98		<b>18</b> 0536 4.54		<b>3</b> 0520 4.65		<b>18</b> 0049 1.64	
0918 2.39		1008 1.85		1054 2.32		1228 1.67		1006 2.38		1214 1.65		1155 1.56		0647 4.75	
FR 1521 3.99		SA 1556 4.42		MO 1644 3.72		TU 1811 4.04		TU 1558 3.50		WE 1802 3.96		FR 1756 4.12		SA 1315 1.23	
☉ 2216 1.87		2236 1.44		2315 1.87				☉ 2230 2.16						1907 4.50	
<b>4</b> 0435 3.81		<b>19</b> 0457 4.47		<b>4</b> 0537 4.29		<b>19</b> 0039 1.56		<b>4</b> 0451 4.23		<b>19</b> 0026 1.76		<b>4</b> 0014 1.53		<b>19</b> 0127 1.44	
1042 2.29		1127 1.77		1155 2.04		0657 4.92		1122 2.08		0636 4.79		0617 5.04		0723 4.85	
SA 1635 3.96		SU 1708 4.29		TU 1751 3.88		WE 1324 1.41		WE 1723 3.73		TH 1306 1.38		SA 1251 1.17		SU 1348 1.13	
2313 1.71		2346 1.38				1907 4.22		2340 1.86		1854 4.25		1846 4.53		1941 4.69	
<b>5</b> 0533 4.11		<b>20</b> 0607 4.74		<b>5</b> 0011 1.62		<b>20</b> 0131 1.36		<b>5</b> 0555 4.62		<b>20</b> 0116 1.49		<b>5</b> 0109 1.13		<b>20</b> 0200 1.31	
1140 2.08		1235 1.58		0628 4.67		0745 5.12		1223 1.71		0722 4.98		0706 5.37		0756 4.89	
SU 1733 4.03		MO 1814 4.27		WE 1247 1.72		TH 1410 1.23		TH 1820 4.07		FR 1347 1.21		SU 1340 0.82		MO 1417 1.05	
				1842 4.11		1951 4.39				1934 4.48		1932 4.88		2013 4.84	
<b>6</b> 0000 1.51		<b>21</b> 0047 1.26		<b>6</b> 0101 1.34		<b>21</b> 0213 1.21		<b>6</b> 0038 1.49		<b>21</b> 0155 1.31		<b>6</b> 0158 0.79		<b>21</b> 0229 1.23	
0618 4.44		0707 5.01		0713 5.03		0824 5.23		0647 5.03		0758 5.09		0751 5.59		0824 4.88	
MO 1228 1.84		TU 1332 1.38		TH 1337 1.42		FR 1448 1.15		FR 1316 1.33		SA 1422 1.12		MO 1425 0.56		TU 1443 1.00	
1821 4.14		1911 4.31		1928 4.33		2028 4.51		1909 4.41		2008 4.64		2015 5.17		2041 4.94	
<b>7</b> 0043 1.30		<b>22</b> 0138 1.15		<b>7</b> 0148 1.06		<b>22</b> 0248 1.12		<b>7</b> 0130 1.12		<b>22</b> 0228 1.19		<b>7</b> 0243 0.56		<b>22</b> 0256 1.18	
0657 4.76		0757 5.20		0756 5.34		0858 5.26		0734 5.39		0830 5.13		0834 5.68		0851 4.83	
TU 1313 1.60		WE 1422 1.23		FR 1424 1.14		SA 1521 1.12		SA 1404 0.99		SU 1452 1.07		TU 1507 0.48		WE 1508 0.97	
1904 4.25		1958 4.37		2011 4.54		2100 4.60		1953 4.71		2039 4.76		2058 5.39		2109 5.02	
<b>8</b> 0124 1.11		<b>23</b> 0222 1.07		<b>8</b> 0233 0.82		<b>23</b> 0318 1.07		<b>8</b> 0217 0.79		<b>23</b> 0256 1.12		<b>8</b> 0326 0.46		<b>23</b> 0322 1.16	
0736 5.04		0839 5.30		0839 5.60		0927 5.25		0817 5.67		0858 5.12		0914 5.63		0916 4.74	
WE 1356 1.39		TH 1505 1.16		SA 1509 0.91		SU 1550 1.12		SU 1450 0.71		MO 1518 1.05		WE 1546 0.36		TH 1533 0.98	
1946 4.35		2039 4.42		2053 4.72		2131 4.66		2036 4.97		2107 4.85		☉ 2140 5.51		☉ 2136 5.05	
<b>9</b> 0205 0.95		<b>24</b> 0300 1.03		<b>9</b> 0317 0.63		<b>24</b> 0345 1.06		<b>9</b> 0302 0.54		<b>24</b> 0321 1.09		<b>9</b> 0409 0.52		<b>24</b> 0349 1.19	
0815 5.27		0915 5.33		0921 5.76		0954 5.20		0900 5.83		0923 5.07		0957 5.43		0942 4.60	
TH 1439 1.21		FR 1542 1.14		SU 1553 0.74		MO 1615 1.13		MO 1532 0.52		TU 1541 1.03		TH 1624 0.47		FR 1559 1.04	
2026 4.44		2116 4.45		☉ 2136 4.85		☉ 2159 4.69		2118 5.17		☉ 2134 4.90		2225 5.50		2203 5.02	
<b>10</b> 0246 0.83		<b>25</b> 0333 1.04		<b>10</b> 0359 0.54		<b>25</b> 0409 1.09		<b>10</b> 0344 0.42		<b>25</b> 0345 1.10		<b>10</b> 0451 0.73		<b>25</b> 0418 1.27	
0855 5.44		0949 5.29		1004 5.83		1018 5.11		0941 5.86		0946 4.99		1040 5.10		1008 4.42	
FR 1522 1.07		SA 1616 1.17		MO 1636 0.65		TU 1638 1.17		TU 1613 0.44		WE 1604 1.04		FR 1703 0.72		SA 1625 1.17	
2106 4.50		☉ 2150 4.45		2218 4.93		2228 4.68		☉ 2200 5.28		2201 4.92		2313 5.34		2231 4.94	
<b>11</b> 0326 0.76		<b>26</b> 0403 1.08		<b>11</b> 0441 0.57		<b>26</b> 0433 1.17		<b>11</b> 0425 0.46		<b>26</b> 0410 1.15		<b>11</b> 0539 1.07		<b>26</b> 0449 1.40	
0936 5.55		1021 5.21		1047 5.77		1042 4.97		1023 5.73		1010 4.84		1127 4.66		1036 4.21	
SA 1606 0.97		SU 1646 1.23		TU 1718 0.68		WE 1703 1.24		WE 1652 0.50		TH 1628 1.11		SA 1742 1.10		SU 1652 1.36	
☉ 2147 4.53		2224 4.42		2304 4.92		2256 4.63		2245 5.28		2228 4.88				2303 4.82	
<b>12</b> 0407 0.75		<b>27</b> 0430 1.17		<b>12</b> 0524 0.75		<b>27</b> 0459 1.32		<b>12</b> 0508 0.66		<b>27</b> 0437 1.27		<b>12</b> 0005 5.07		<b>27</b> 0524 1.58	
1018 5.59		1049 5.09		1132 5.56		1108 4.77		1106 5.44		1035 4.64		0633 1.49		1108 3.99	
SU 1651 0.93		MO 1713 1.32		WE 1801 0.82		TH 1728 1.37		TH 1732 0.71		FR 1654 1.24		SU 1221 4.18		MO 1722 1.58	
2231 4.53		2256 4.36		2353 4.83		2326 4.51		2332 5.17		2256 4.78		1825 1.56		2343 4.65	
<b>13</b> 0449 0.82		<b>28</b> 0456 1.30		<b>13</b> 0610 1.06		<b>28</b> 0529 1.54		<b>13</b> 0553 1.02		<b>28</b> 0506 1.45		<b>13</b> 0104 4.73		<b>28</b> 0608 1.79	
1103 5.54		1117 4.93		1220 5.24		1134 4.51		1152 5.01		1100 4.39		0747 1.84		1151 3.76	
MO 1736 0.96		TU 1741 1.43		TH 1847 1.06		FR 1756 1.56		FR 1813 1.05		SA 1719 1.44		MO 1326 3.76		TU 1800 1.83	
2319 4.49		2327 4.27				2359 4.35				2325 4.64		1925 2.00			
<b>14</b> 0535 0.98		<b>29</b> 0524 1.48		<b>14</b> 0049 4.68		<b>29</b> 0602 1.81		<b>14</b> 0025 4.94		<b>29</b> 0539 1.69		<b>14</b> 0217 4.44		<b>29</b> 0040 4.47	
1153 5.42		1147 4.73		0706 1.46		1204 4.20		0647 1.47		1127 4.12		0917 1.99		0716 1.98	
TU 1825 1.05		WE 1809 1.57		FR 1313 4.82		SA 1827 1.80		SA 1244 4.51		SU 1746 1.68		TU 1455 3.52		WE 1301 3.54	
				1939 1.36				1859 1.46				2112 2.26		1907 2.09	
<b>15</b> 0012 4.41		<b>30</b> 0002 4.15		<b>15</b> 0154 4.50		<b>30</b> 0002 4.45		<b>15</b> 0127 4.66		<b>30</b> 0002 4.45		<b>15</b> 0345 4.31		<b>30</b> 0207 4.37	
0626 1.23		0555 1.71		0820 1.83		0618 1.96		0801 1.88		0618 1.96		1042 1.88		0857 1.96	
WE 1247 5.21		TH 1220 4.48		SA 1416 4.38		MO 1203 3.82		SU 1349 4.03		MO 1203 3.82		WE 1632 3.62		TH 1455 3.53	
1918 1.18		1843 1.74		2046 1.64		1821 1.95		2004 1.87		1821 1.95		☉ 2254 2.18		2112 2.13	
		<b>31</b> 0044 3.99								<b>31</b> 0055 4.25					
		0633 2.00								0722 2.22					
		FR 1259 4.20								TU 1304 3.53					
		1926 1.93								1921 2.22					

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

# PORT ALMA – QUEENSLAND

LAT 23° 35' S LONG 150° 52' 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> 0333	4.48	<b>16</b> 0517	4.35	<b>1</b> 0513	4.86	<b>16</b> 0010	1.87	<b>1</b> 0007	1.41	<b>16</b> 0019	1.87	<b>1</b> 0201	1.08	<b>16</b> 0124	1.38
1018	1.71	1153	1.50	1152	0.96	0602	4.17	0549	4.48	0610	3.85	0738	4.17	0714	4.01
FR 1623	3.82	SA 1753	4.13	MO 1758	4.66	TU 1224	1.33	WE 1223	0.96	TH 1226	1.39	SA 1401	1.00	SU 1330	1.11
☾ 2238	1.87					1838	4.47	1839	4.91	1846	4.55	2022	5.21	1941	5.05
<b>2</b> 0445	4.74	<b>17</b> 0010	1.84	<b>2</b> 0024	1.25	<b>17</b> 0052	1.68	<b>2</b> 0109	1.22	<b>17</b> 0104	1.64	<b>2</b> 0248	0.95	<b>17</b> 0208	1.09
1124	1.36	0604	4.46	0609	4.92	0643	4.22	0646	4.44	0654	3.95	0822	4.24	0755	4.23
SA 1728	4.22	SU 1233	1.33	TU 1245	0.77	WE 1302	1.20	TH 1316	0.88	FR 1308	1.23	SU 1444	0.93	MO 1414	0.86
2347	1.51	1834	4.40	1851	4.98	1915	4.70	1934	5.13	1925	4.80	2102	5.26	2022	5.31
<b>3</b> 0545	5.01	<b>18</b> 0051	1.64	<b>3</b> 0119	1.04	<b>18</b> 0130	1.52	<b>3</b> 0203	1.06	<b>18</b> 0145	1.42	<b>3</b> 0328	0.90	<b>18</b> 0250	0.85
1222	1.02	0643	4.54	0700	4.91	0720	4.24	0738	4.40	0734	4.05	0902	4.29	0835	4.42
SU 1821	4.63	MO 1308	1.19	WE 1334	0.65	TH 1337	1.09	FR 1406	0.84	SA 1349	1.08	MO 1522	0.91	TU 1457	0.66
		1911	4.63	1939	5.23	1950	4.88	2023	5.28	2003	5.02	2138	5.24	2102	5.49
<b>4</b> 0045	1.16	<b>19</b> 0127	1.48	<b>4</b> 0210	0.90	<b>19</b> 0206	1.39	<b>4</b> 0253	0.97	<b>19</b> 0226	1.24	<b>4</b> 0404	0.91	<b>19</b> 0332	0.65
0637	5.22	0719	4.58	0747	4.84	0755	4.24	0825	4.36	0813	4.15	0940	4.31	0916	4.58
MO 1313	0.73	TU 1339	1.08	TH 1418	0.60	FR 1410	1.02	SA 1449	0.83	SU 1429	0.95	TU 1556	0.94	WE 1538	0.53
1910	4.98	1944	4.81	2026	5.40	2023	5.02	2108	5.35	2041	5.19	○ 2211	5.16	● 2142	5.59
<b>5</b> 0137	0.88	<b>20</b> 0159	1.37	<b>5</b> 0258	0.84	<b>20</b> 0242	1.28	<b>5</b> 0338	0.93	<b>20</b> 0307	1.07	<b>5</b> 0437	0.97	<b>20</b> 0413	0.52
0723	5.33	0751	4.57	0833	4.72	0829	4.23	0910	4.31	0851	4.24	1016	4.30	0957	4.68
TU 1358	0.53	WE 1409	1.01	FR 1500	0.63	SA 1445	0.98	SU 1531	0.87	MO 1509	0.84	WE 1627	1.02	TH 1619	0.50
1955	5.26	2015	4.95	2112	5.47	2057	5.12	○ 2150	5.33	2120	5.32	2242	5.03	2221	5.57
<b>6</b> 0224	0.70	<b>21</b> 0230	1.29	<b>6</b> 0344	0.85	<b>21</b> 0318	1.21	<b>6</b> 0421	0.96	<b>21</b> 0348	0.94	<b>6</b> 0507	1.06	<b>21</b> 0453	0.50
0808	5.32	0820	4.53	0919	4.57	0905	4.21	0954	4.25	0931	4.31	1050	4.26	1040	4.73
WE 1441	0.43	TH 1437	0.97	SA 1540	0.73	SU 1520	0.97	MO 1609	0.97	TU 1550	0.77	TH 1655	1.16	FR 1701	0.61
2039	5.47	2045	5.04	○ 2157	5.44	● 2132	5.17	2231	5.22	● 2159	5.39	2310	4.85	2303	5.41
<b>7</b> 0309	0.63	<b>22</b> 0300	1.24	<b>7</b> 0430	0.95	<b>22</b> 0356	1.16	<b>7</b> 0501	1.06	<b>22</b> 0430	0.85	<b>7</b> 0535	1.18	<b>22</b> 0534	0.59
0851	5.21	0850	4.45	1006	4.37	0940	4.17	1037	4.16	1012	4.36	1123	4.18	1127	4.70
TH 1520	0.44	FR 1506	0.97	SU 1621	0.92	MO 1556	1.00	TU 1647	1.12	WE 1630	0.77	FR 1722	1.34	SA 1744	0.86
○ 2122	5.56	2114	5.09	2244	5.29	2209	5.18	2310	5.05	2240	5.39	2338	4.63	2348	5.11
<b>8</b> 0353	0.68	<b>23</b> 0331	1.23	<b>8</b> 0517	1.12	<b>23</b> 0436	1.15	<b>8</b> 0540	1.20	<b>23</b> 0513	0.83	<b>8</b> 0602	1.33	<b>23</b> 0617	0.79
0934	5.00	0920	4.35	1054	4.16	1019	4.13	1119	4.05	1056	4.37	1158	4.07	1220	4.60
FR 1559	0.56	SA 1535	1.02	MO 1702	1.19	TU 1634	1.07	WE 1722	1.32	TH 1713	0.86	SA 1751	1.58	SU 1835	1.21
2208	5.53	● 2144	5.09	2332	5.07	2249	5.14	2348	4.83	2324	5.31				
<b>9</b> 0439	0.85	<b>24</b> 0404	1.26	<b>9</b> 0606	1.33	<b>24</b> 0520	1.18	<b>9</b> 0619	1.36	<b>24</b> 0557	0.86	<b>9</b> 0007	4.36	<b>24</b> 0038	4.71
1021	4.69	0950	4.22	1143	3.94	1103	4.08	1200	3.93	1145	4.35	0633	1.51	0706	1.06
SA 1638	0.82	SU 1605	1.12	TU 1743	1.49	WE 1716	1.18	TH 1755	1.56	FR 1758	1.04	SU 1238	3.94	MO 1323	4.46
2256	5.36	2216	5.04			2336	5.07					1825	1.86	1941	1.59
<b>10</b> 0527	1.12	<b>25</b> 0439	1.33	<b>10</b> 0020	4.79	<b>25</b> 0609	1.23	<b>10</b> 0025	4.59	<b>25</b> 0012	5.14	<b>10</b> 0043	4.05	<b>25</b> 0139	4.26
1109	4.33	1024	4.09	0658	1.54	1155	4.02	0659	1.53	0645	0.96	0710	1.71	0808	1.36
SU 1718	1.17	MO 1637	1.26	WE 1236	3.75	TH 1805	1.34	FR 1244	3.82	SA 1241	4.30	MO 1329	3.80	TU 1434	4.34
2348	5.09	2252	4.95	1828	1.80			1831	1.81	1852	1.29	1912	2.16	2109	1.83
<b>11</b> 0622	1.44	<b>26</b> 0519	1.44	<b>11</b> 0110	4.52	<b>26</b> 0031	4.97	<b>11</b> 0104	4.34	<b>26</b> 0106	4.89	<b>11</b> 0131	3.71	<b>26</b> 0254	3.87
1202	3.96	1103	3.95	0755	1.70	0706	1.27	0744	1.68	0739	1.09	0808	1.90	0926	1.56
MO 1801	1.58	TU 1714	1.44	TH 1334	3.61	FR 1258	3.99	SA 1335	3.71	SU 1345	4.26	TU 1440	3.72	WE 1556	4.33
		2338	4.83	1926	2.07	1906	1.52	1917	2.07	1958	1.56	2056	2.38	● 2240	1.79
<b>12</b> 0044	4.76	<b>27</b> 0609	1.56	<b>12</b> 0205	4.29	<b>27</b> 0132	4.85	<b>12</b> 0151	4.09	<b>27</b> 0207	4.59	<b>12</b> 0248	3.45	<b>27</b> 0422	3.70
0728	1.71	1154	3.80	0857	1.78	0808	1.29	0843	1.77	0842	1.22	0946	1.96	1050	1.59
TU 1304	3.66	WE 1801	1.65	FR 1447	3.58	SA 1409	4.02	SU 1441	3.67	MO 1455	4.26	WE 1613	3.81	TH 1720	4.50
1857	1.98	2051	2.23	2051	2.23	2021	1.66	2043	2.27	○ 2121	1.73	● 2244	2.27		
<b>13</b> 0147	4.47	<b>28</b> 0038	4.70	<b>13</b> 0310	4.14	<b>28</b> 0236	4.73	<b>13</b> 0253	3.87	<b>28</b> 0314	4.30	<b>13</b> 0435	3.40	<b>28</b> 0000	1.54
0843	1.85	0716	1.65	0959	1.75	0914	1.25	0948	1.78	0950	1.30	1056	1.84	0543	3.79
WE 1422	3.50	TH 1305	3.70	SA 1607	3.70	SU 1521	4.14	MO 1606	3.76	TU 1611	4.36	TH 1724	4.08	FR 1207	1.44
2028	2.24	1913	1.84	● 2215	2.21	○ 2141	1.68	● 2220	2.26	2245	1.71	2348	2.00	1830	4.78
<b>14</b> 0301	4.28	<b>29</b> 0151	4.64	<b>14</b> 0418	4.09	<b>29</b> 0341	4.63	<b>14</b> 0411	3.75	<b>29</b> 0428	4.10	<b>14</b> 0543	3.55	<b>29</b> 0102	1.22
0957	1.83	0834	1.61	1056	1.64	1020	1.16	1048	1.70	1102	1.30	1153	1.62	0646	4.01
TH 1552	3.57	FR 1432	3.76	SU 1708	3.94	MO 1632	4.36	TU 1713	3.99	WE 1727	4.56	FR 1815	4.42	SA 1306	1.22
2206	2.25	2046	1.88	2320	2.06	2258	1.58	2327	2.10					1925	5.01
<b>15</b> 0416	4.26	<b>30</b> 0304	4.67	<b>15</b> 0515	4.12	<b>30</b> 0447	4.54	<b>15</b> 0519	3.77	<b>30</b> 0001	1.53	<b>15</b> 0039	1.68	<b>30</b> 0151	0.99
1103	1.68	0946	1.43	1143	1.49	1124	1.06	1140	1.56	0541	4.05	0631	3.78	0734	4.20
FR 1702	3.83	SA 1551	3.98	MO 1757	4.21	TU 1739	4.63	WE 1803	4.27	TH 1210	1.22	SA 1243	1.37	SU 1354	1.05
● 2319	2.07	● 2208	1.74							1836	4.83	1859	4.75	2008	5.14
		<b>31</b> 0411	4.76											<b>31</b> 0232	0.87
		1052	1.20											0813	4.34
		SU 1658	4.31											MO 1433	0.95
		2320	1.51											2044	5.18

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

○ First Quarter

○ Full Moon

● Last Quarter

# PORT ALMA – QUEENSLAND

LAT 23° 35' S LONG 150° 52' E

Times and Heights of High and Low Waters

# 2020

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>	0307 0.83	<b>16</b>	0227 0.61	<b>1</b>	0305 0.79	<b>16</b>	0241 0.26	<b>1</b>	0320 0.83	<b>16</b>	0336 0.39	<b>1</b>	0321 0.97	<b>16</b>	0402 0.75
	0847 4.43		0815 4.69		0855 4.70		0833 5.19		0925 4.94		0944 5.53		0934 5.05		1025 5.48
TU	1507 0.91	WE	1438 0.54	TH	1511 0.98	FR	1501 0.43	SU	1538 1.17	MO	1617 0.75	TU	1552 1.31	WE	1659 1.01
	2114 5.15		2037 5.58		2110 4.94		2049 5.47	○	2130 4.45		2156 4.69		2139 4.17		2233 4.31
<b>2</b>	0338 0.84	<b>17</b>	0309 0.39	<b>2</b>	0330 0.80	<b>17</b>	0321 0.19	<b>2</b>	0344 0.91	<b>17</b>	0416 0.60	<b>2</b>	0350 1.07	<b>17</b>	0445 0.98
	0919 4.49		0855 4.90		0923 4.74		0914 5.34		0952 4.90		1034 5.41		1004 5.00		1114 5.29
WE	1536 0.92	TH	1521 0.40	FR	1536 1.01	SA	1545 0.44	MO	1606 1.26	TU	1707 0.97	WE	1625 1.38	TH	1748 1.18
○	2143 5.08	●	2117 5.64	○	2134 4.82	●	2130 5.31		2156 4.26		2245 4.35		2210 4.04		2322 4.11
<b>3</b>	0404 0.87	<b>18</b>	0348 0.28	<b>3</b>	0352 0.84	<b>18</b>	0359 0.26	<b>3</b>	0409 1.06	<b>18</b>	0458 0.93	<b>3</b>	0420 1.20	<b>18</b>	0529 1.28
	0950 4.51		0936 5.04		0950 4.74		0959 5.37		1020 4.80		1128 5.18		1038 4.90		1204 5.05
TH	1602 0.98	FR	1602 0.39	SA	1600 1.09	SU	1628 0.60	TU	1636 1.39	WE	1802 1.24	TH	1703 1.47	FR	1838 1.39
	2208 4.97		2156 5.54		2157 4.66		2213 5.00		2223 4.04		2339 4.00		2244 3.91		
<b>4</b>	0429 0.93	<b>19</b>	0428 0.29	<b>4</b>	0415 0.92	<b>19</b>	0438 0.48	<b>4</b>	0435 1.25	<b>19</b>	0544 1.33	<b>4</b>	0454 1.38	<b>19</b>	0014 3.92
	1019 4.50		1019 5.08		1017 4.70		1047 5.26		1050 4.67		1227 4.90		1118 4.79		0615 1.60
FR	1627 1.08	SA	1644 0.53	SU	1626 1.21	MO	1716 0.89	WE	1710 1.56	TH	1906 1.50	FR	1747 1.58	SA	1254 4.77
	2232 4.80		2237 5.29		2222 4.44		2300 4.58		2252 3.82				2327 3.78		1932 1.58
<b>5</b>	0452 1.02	<b>20</b>	0506 0.46	<b>5</b>	0439 1.07	<b>20</b>	0518 0.83	<b>5</b>	0503 1.49	<b>20</b>	0040 3.70	<b>5</b>	0534 1.58	<b>20</b>	0109 3.75
	1048 4.45		1106 5.02		1045 4.59		1142 5.04		1127 4.49		0643 1.73		1210 4.67		0709 1.92
SA	1652 1.23	SU	1729 0.83	MO	1655 1.39	TU	1811 1.26	TH	1751 1.76	FR	1329 4.62	SA	1843 1.68	SU	1346 4.51
	2256 4.58		2322 4.89		2247 4.17		2353 4.11		2329 3.59		2017 1.67				2030 1.72
<b>6</b>	0516 1.16	<b>21</b>	0546 0.76	<b>6</b>	0503 1.28	<b>21</b>	0603 1.27	<b>6</b>	0538 1.75	<b>21</b>	0153 3.50	<b>6</b>	0024 3.65	<b>21</b>	0215 3.65
	1118 4.34		1200 4.85		1115 4.44		1245 4.75		1219 4.32		0803 2.03		0631 1.80		0822 2.16
SU	1720 1.44	MO	1820 1.23	TU	1726 1.63	WE	1922 1.60	FR	1849 1.95	SA	1437 4.42	SU	1316 4.59	MO	1445 4.29
	2322 4.30				2313 3.87						2130 1.70		1954 1.70		2134 1.77
<b>7</b>	0542 1.36	<b>22</b>	0012 4.39	<b>7</b>	0529 1.54	<b>22</b>	0100 3.68	<b>7</b>	0024 3.37	<b>22</b>	0321 3.52	<b>7</b>	0145 3.62	<b>22</b>	0338 3.70
	1152 4.19		0632 1.15		1151 4.24		0706 1.72		0632 2.01		0936 2.11		0758 1.93		0948 2.24
MO	1751 1.71	TU	1302 4.62	WE	1804 1.89	TH	1356 4.49	SA	1339 4.21	SU	1550 4.34	MO	1427 4.60	TU	1552 4.16
	2349 3.97		1930 1.63		2343 3.56		2047 1.77		2024 2.00	○	2239 1.59		2109 1.58	●	2236 1.71
<b>8</b>	0611 1.61	<b>23</b>	0117 3.89	<b>8</b>	0601 1.83	<b>23</b>	0224 3.42	<b>8</b>	0216 3.28	<b>23</b>	0439 3.75	<b>8</b>	0312 3.77	<b>23</b>	0449 3.91
	1232 4.00		0733 1.57		1241 4.03		0843 2.01		0832 2.14		1054 1.98		0927 1.88		1101 2.16
TU	1830 2.02	WE	1415 4.40	TH	1900 2.16	FR	1516 4.35	SU	1505 4.30	MO	1653 4.37	TU	1536 4.66	WE	1654 4.13
			2102 1.85			●	2213 1.70	●	2152 1.77		2335 1.41	●	2218 1.36		2329 1.58
<b>9</b>	0022 3.61	<b>24</b>	0241 3.53	<b>9</b>	0032 3.26	<b>24</b>	0404 3.47	<b>9</b>	0357 3.52	<b>24</b>	0536 4.06	<b>9</b>	0425 4.08	<b>24</b>	0543 4.19
	0647 1.88		0906 1.84		0652 2.12		1021 1.98		1009 1.92		1152 1.78		1043 1.68		1158 1.99
WE	1332 3.82	TH	1540 4.32	FR	1413 3.92	SA	1637 4.41	MO	1616 4.54	TU	1745 4.44	WE	1639 4.75	TH	1747 4.15
	1932 2.31	●	2234 1.76		2105 2.23		2324 1.46		2258 1.42				2320 1.10		
<b>10</b>	0117 3.28	<b>25</b>	0420 3.50	<b>10</b>	0258 3.10	<b>25</b>	0520 3.78	<b>10</b>	0504 3.94	<b>25</b>	0019 1.24	<b>10</b>	0528 4.47	<b>25</b>	0014 1.43
	0754 2.13		1042 1.82		0921 2.21		1136 1.73		1117 1.57		0620 4.36		1149 1.43		0628 4.48
TH	1505 3.78	FR	1706 4.46	SA	1548 4.07	SU	1739 4.57	TU	1716 4.82	WE	1236 1.61	TH	1737 4.82	FR	1243 1.81
●	2157 2.33		2351 1.46	●	2235 1.94				2355 1.05		1827 4.51				1833 4.20
<b>11</b>	0348 3.15	<b>26</b>	0540 3.76	<b>11</b>	0442 3.39	<b>26</b>	0017 1.20	<b>11</b>	0558 4.39	<b>26</b>	0056 1.10	<b>11</b>	0016 0.87	<b>26</b>	0053 1.29
	1013 2.09		1158 1.57		1048 1.91		0612 4.13		1215 1.22		0659 4.61		0624 4.85		0708 4.73
FR	1637 3.99	SA	1812 4.71	SU	1659 4.41	MO	1228 1.47	WE	1809 5.06	TH	1314 1.47	FR	1247 1.19	SA	1323 1.64
	2315 2.03				2337 1.54		1828 4.72				1905 4.54		1831 4.85		1913 4.23
<b>12</b>	0517 3.39	<b>27</b>	0046 1.14	<b>12</b>	0539 3.82	<b>27</b>	0059 1.01	<b>12</b>	0045 0.71	<b>27</b>	0128 1.00	<b>12</b>	0106 0.69	<b>27</b>	0129 1.17
	1122 1.81		0636 4.08		1150 1.51		0652 4.41		0645 4.79		0733 4.81		0714 5.17		0744 4.92
SA	1740 4.36	SU	1253 1.29	MO	1755 4.80	TU	1310 1.29	TH	1308 0.93	FR	1349 1.37	SA	1342 1.01	SU	1401 1.51
			1902 4.92				1907 4.80		1857 5.19		1939 4.52		1922 4.82		1949 4.25
<b>13</b>	0011 1.64	<b>28</b>	0130 0.93	<b>13</b>	0029 1.12	<b>28</b>	0134 0.90	<b>13</b>	0132 0.47	<b>28</b>	0158 0.93	<b>13</b>	0153 0.58	<b>28</b>	0203 1.09
	0608 3.75		0718 4.34		0626 4.25		0728 4.62		0730 5.12		0806 4.95		0802 5.41		0817 5.06
SU	1219 1.46	MO	1337 1.10	TU	1243 1.12	WE	1345 1.19	FR	1356 0.73	SA	1421 1.31	SU	1433 0.89	MO	1435 1.41
	1829 4.76		1942 5.02		1843 5.14		1941 4.82		1942 5.22		2011 4.47		2010 4.75		2022 4.26
<b>14</b>	0059 1.26	<b>29</b>	0207 0.83	<b>14</b>	0116 0.75	<b>29</b>	0204 0.84	<b>14</b>	0215 0.33	<b>29</b>	0227 0.90	<b>14</b>	0237 0.56	<b>29</b>	0235 1.04
	0652 4.10		0754 4.51		0709 4.63		0759 4.77		0813 5.37		0836 5.03		0849 5.54		0849 5.15
MO	1308 1.10	TU	1413 1.01	WE	1331 0.79	TH	1416 1.13	SA	1443 0.63	SU	1451 1.28	MO	1522 0.85	TU	1509 1.34
	1914 5.12		2015 5.04		1927 5.38		2011 4.80		2025 5.14		2041 4.39		2057 4.64		2055 4.25
<b>15</b>	0144 0.90	<b>30</b>	0239 0.80	<b>15</b>	0200 0.45	<b>30</b>	0231 0.81	<b>15</b>	0255 0.30	<b>30</b>	0254 0.92	<b>15</b>	0319 0.61	<b>30</b>	0307 1.02
	0734 4.42		0824 4.62		0751 4.95		0829 4.87		0858 5.51		0905 5.07		0936 5.57		0921 5.20
TU	1354 0.78	WE	1443 0.97	TH	1417 0.56	FR	1445 1.12	SU	1530 0.63	MO	1521 1.28	TU	1611 0.89	WE	1543 1.29
	1956 5.40		2044 5.01		2008 5.49		2039 4.72	●	2109 4.96	○	2109 4.29	●	2145 4.49	○	2129 4.24
				<b>31</b>	0256 0.80									<b>31</b>	0341 1.02
					0858 4.93										0955 5.22
					SA 1512 1.13										TH 1621 1.27
					2105 4.61										2204 4.23

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (Time Zone UTC +10:00)

Moon Phase Symbols

● New Moon

○ First Quarter

○ Full Moon

● Last Quarter