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# TOWNSVILLE – QUEENSLAND

LAT 19° 15' LONG 146° 50'

Times and Heights of High and Low Waters

# 2018

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> 0207 0.24		<b>16</b> 0210 0.80		<b>1</b> 0319 0.26		<b>16</b> 0244 0.80		<b>1</b> 0229 0.35		<b>16</b> 0204 0.88		<b>1</b> 0326 0.88		<b>16</b> 0241 0.99	
0832 3.87		0902 3.30		0945 4.08		0929 3.40		0843 4.07		0829 3.44		0926 3.50		0843 3.33	
MO 1506 0.99		TU 1533 1.45		TH 1625 0.94		FR 1555 1.35		TH 1519 0.80		FR 1459 1.13		SU 1545 0.90		MO 1507 0.80	
2015 3.09		2027 2.65		2145 3.12		● 2113 2.87		2048 3.35		2028 3.08		2152 3.28		● 2123 3.40	
<b>2</b> 0246 0.20		<b>17</b> 0232 0.79		<b>2</b> 0401 0.44		<b>17</b> 0310 0.86		<b>2</b> 0305 0.41		<b>17</b> 0227 0.86		<b>2</b> 0403 1.15		<b>17</b> 0317 1.10	
0917 3.98		0928 3.30		1028 3.91		0956 3.35		0921 4.00		0853 3.45		0959 3.20		0917 3.19	
TU 1556 0.99		WE 1559 1.48		FR 1712 1.07		SA 1622 1.38		FR 1554 0.85		SA 1519 1.10		MO 1606 1.06		TU 1536 0.83	
○ 2105 3.01		● 2055 2.62		2232 2.95		2147 2.84		○ 2129 3.31		● 2058 3.15		2230 3.11		2207 3.37	
<b>3</b> 0330 0.26		<b>18</b> 0258 0.81		<b>3</b> 0444 0.74		<b>18</b> 0338 0.98		<b>3</b> 0342 0.60		<b>18</b> 0254 0.90		<b>3</b> 0445 1.46		<b>18</b> 0404 1.29	
1004 3.96		0958 3.26		1112 3.63		1025 3.25		0959 3.79		0919 3.40		1030 2.87		0956 2.97	
WE 1649 1.05		TH 1631 1.53		SA 1802 1.24		SU 1654 1.44		SA 1630 0.99		SU 1540 1.10		TU 1624 1.23		WE 1611 0.95	
2157 2.86		2126 2.57		2322 2.73		2228 2.75		2210 3.18		2134 3.15		2310 2.90		2257 3.27	
<b>4</b> 0417 0.44		<b>19</b> 0326 0.89		<b>4</b> 0533 1.12		<b>19</b> 0408 1.17		<b>4</b> 0419 0.91		<b>19</b> 0323 1.02		<b>4</b> 0547 1.76		<b>19</b> 0522 1.53	
1054 3.82		1029 3.19		1157 3.28		1058 3.09		1036 3.49		0948 3.28		1103 2.54		1043 2.67	
TH 1747 1.15		FR 1709 1.59		SU 1904 1.41		MO 1739 1.51		SU 1705 1.17		MO 1604 1.14		WE 1644 1.42		TH 1703 1.13	
2253 2.66		2202 2.49		2021 1.51		2317 2.63		2253 2.97		2216 3.10		2310 2.90		2356 3.10	
<b>5</b> 0510 0.72		<b>20</b> 0354 1.02		<b>5</b> 0021 2.50		<b>20</b> 0444 1.43		<b>5</b> 0501 1.28		<b>20</b> 0357 1.22		<b>5</b> 0000 2.69		<b>20</b> 0659 1.70	
1145 3.59		1102 3.09		0645 1.51		1136 2.89		1113 3.12		1022 3.09		0739 1.96		1147 2.35	
FR 1852 1.26		SA 1756 1.65		MO 1248 2.91		TU 1845 1.58		MO 1743 1.38		TU 1635 1.23		TH 1147 2.23		FR 1832 1.33	
2355 2.45		2245 2.38		2022 1.51				2340 2.73		2303 2.98		1713 1.62			
<b>6</b> 0614 1.05		<b>21</b> 0425 1.20		<b>6</b> 0204 2.33		<b>21</b> 0020 2.50		<b>6</b> 0602 1.66		<b>21</b> 0442 1.50		<b>6</b> 0122 2.52		<b>21</b> 0116 2.96	
1242 3.30		1139 2.97		0841 1.79		0543 1.72		1153 2.74		1101 2.83		1019 1.89		0858 1.68	
SA 2007 1.32		SU 1855 1.68		TU 1400 2.60		WE 1226 2.66		TU 1834 1.58		WE 1725 1.37		FR 1316 1.99		SA 1332 2.12	
		2343 2.26		2154 1.50		2007 1.60						1919 1.79		2019 1.44	
<b>7</b> 0118 2.28		<b>22</b> 0503 1.43		<b>7</b> 0433 2.44		<b>22</b> 0151 2.43		<b>7</b> 0044 2.50		<b>22</b> 0002 2.82		<b>7</b> 0449 2.60		<b>22</b> 0318 2.99	
0742 1.36		1224 2.82		1040 1.82		0827 1.92		0804 1.94		0633 1.78		1132 1.68		1035 1.45	
SU 1351 3.03		MO 2007 1.66		WE 1551 2.45		TH 1344 2.45		WE 1245 2.40		TH 1154 2.52		SA 1651 2.03		SU 1608 2.22	
2126 1.29				2313 1.38		2140 1.50		2015 1.72		1904 1.51		2229 1.76		2204 1.37	
<b>8</b> 0317 2.28		<b>23</b> 0059 2.17		<b>8</b> 0558 2.69		<b>23</b> 0416 2.61		<b>8</b> 0345 2.44		<b>23</b> 0126 2.70		<b>8</b> 0532 2.77		<b>23</b> 0440 3.18	
0921 1.55		0611 1.68		1202 1.69		1046 1.83		1035 1.92		0846 1.88		1209 1.49		1135 1.19	
MO 1515 2.84		TU 1320 2.69		TH 1717 2.45		FR 1554 2.39		TH 1443 2.17		FR 1322 2.25		SU 1741 2.22		MO 1718 2.47	
2242 1.19		2126 1.55		● 2005 1.25		● 2256 1.29		2223 1.68		2053 1.53		● 2330 1.61		● 2316 1.19	
<b>9</b> 0454 2.47		<b>24</b> 0259 2.22		<b>9</b> 0636 2.91		<b>24</b> 0527 2.94		<b>9</b> 0542 2.67		<b>24</b> 0351 2.80		<b>9</b> 0600 2.92		<b>24</b> 0532 3.37	
1053 1.59		0841 1.83		FR 1254 1.54		SA 1719 2.54		1155 1.71		1053 1.68		1238 1.35		1220 0.98	
TU 1632 2.75		WE 1440 2.60		1807 2.51		2351 1.04		FR 1713 2.22		SA 1614 2.25		MO 1809 2.39		TU 1805 2.73	
● 2341 1.06		2231 1.36						● 2333 1.54		2230 1.38					
<b>10</b> 0600 2.71		<b>25</b> 0439 2.47		<b>10</b> 0041 1.15		<b>25</b> 0614 3.29		<b>10</b> 0613 2.87		<b>25</b> 0509 3.09		<b>10</b> 0007 1.46		<b>25</b> 0011 1.02	
1205 1.53		1037 1.79		0704 3.07		1249 1.32		1238 1.53		1155 1.40		0625 3.05		0612 3.49	
WE 1729 2.72		TH 1606 2.61		SA 1332 1.44		SU 1809 2.73		SA 1801 2.36		SU 1729 2.48		TU 1302 1.25		WE 1259 0.83	
		● 2322 1.13		1842 2.57						● 2336 1.14		1833 2.56		1842 2.96	
<b>11</b> 0025 0.97		<b>26</b> 0537 2.81		<b>11</b> 0108 1.07		<b>26</b> 0036 0.79		<b>11</b> 0014 1.40		<b>26</b> 0558 3.38		<b>11</b> 0035 1.32		<b>26</b> 0055 0.91	
0644 2.91		1154 1.61		0728 3.19		0652 3.60		0638 3.03		1240 1.15		0647 3.15		0647 3.55	
TH 1259 1.46		FR 1709 2.70		SU 1402 1.38		MO 1330 1.10		SU 1310 1.40		MO 1814 2.73		WE 1325 1.16		TH 1332 0.74	
1812 2.69				1909 2.64		1850 2.94		1831 2.50				1854 2.73		1916 3.14	
<b>12</b> 0059 0.91		<b>27</b> 0005 0.89		<b>12</b> 0128 1.01		<b>27</b> 0115 0.57		<b>12</b> 0044 1.27		<b>27</b> 0025 0.90		<b>12</b> 0059 1.19		<b>27</b> 0134 0.87	
0716 3.06		0621 3.16		0752 3.27		0729 3.85		0701 3.15		0636 3.62		0708 3.24		0720 3.54	
FR 1341 1.42		SA 1248 1.40		MO 1427 1.35		TU 1408 0.93		MO 1337 1.31		TU 1318 0.95		TH 1346 1.08		FR 1401 0.71	
1847 2.67		1758 2.82		1932 2.70		1929 3.14		1856 2.62		1850 2.97		1917 2.90		1951 3.28	
<b>13</b> 0125 0.89		<b>28</b> 0045 0.66		<b>13</b> 0143 0.93		<b>28</b> 0152 0.41		<b>13</b> 0106 1.16		<b>28</b> 0106 0.72		<b>13</b> 0122 1.08		<b>28</b> 0210 0.90	
0744 3.16		0702 3.49		0815 3.34		0806 4.02		0724 3.25		0710 3.78		0729 3.31		0751 3.46	
SA 1415 1.41		SU 1334 1.20		TU 1448 1.34		WE 1443 0.82		TU 1359 1.26		WE 1352 0.82		FR 1406 1.00		SA 1427 0.71	
1915 2.66		1843 2.96		1954 2.77		2008 3.29		1918 2.74		1925 3.18		1942 3.07		2026 3.35	
<b>14</b> 0142 0.87		<b>29</b> 0123 0.44		<b>14</b> 0200 0.86		<b>29</b> 0142 0.61		<b>14</b> 0125 1.05		<b>29</b> 0142 0.61		<b>14</b> 0146 1.00		<b>29</b> 0245 1.00	
0810 3.23		0742 3.79		0839 3.39		0744 3.86		0745 3.33		0744 3.86		0750 3.37		0823 3.32	
SU 1444 1.41		MO 1417 1.03		WE 1508 1.33		TH 1423 0.74		WE 1419 1.22		TH 1423 0.74		SA 1425 0.91		SU 1448 0.76	
1939 2.66		1928 3.09		2017 2.83		1938 2.87		1938 2.87		1959 3.33		2011 3.22		2102 3.35	
<b>15</b> 0154 0.84		<b>30</b> 0201 0.28		<b>15</b> 0220 0.81		<b>30</b> 0217 0.60		<b>15</b> 0144 0.96		<b>30</b> 0217 0.60		<b>15</b> 0212 0.96		<b>30</b> 0321 1.16	
0836 3.28		0822 4.00		0903 3.41		0818 3.84		0807 3.40		0818 3.84		0815 3.38		0854 3.11	
MO 1509 1.43		TU 1459 0.92		TH 1531 1.33		FR 1453 0.74		TH 1439 1.17		FR 1453 0.74		SU 1445 0.84		MO 1507 0.84	
2003 2.65		2013 3.18		2043 2.87		2036 3.41		2001 2.98		2036 3.41		2044 3.34		○ 2137 3.28	
		<b>31</b> 0239 0.21								<b>31</b> 0252 0.69					
		0903 4.11								0853 3.72					
		WE 1541 0.89								SA 1521 0.79					
		○ 2058 3.19								○ 2114 3.39					

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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

# TOWNSVILLE – QUEENSLAND

LAT 19° 15' LONG 146° 50'

Times and Heights of High and Low Waters

# 2018

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> 0359	1.36	<b>16</b> 0329	1.14	<b>1</b> 0527	1.65	<b>16</b> 0538	1.16	<b>1</b> 0544	1.57	<b>16</b> 0617	1.02	<b>1</b> 0633	1.51	<b>16</b> 0021	2.90
0924	2.87	0855	3.03	1002	2.25	1041	2.55	1025	2.16	1131	2.53	1136	2.14	0745	1.19
TU 1524	0.95	WE 1521	0.59	FR 1552	1.09	SA 1703	0.66	SU 1611	1.08	MO 1748	0.78	WE 1652	1.32	TH 1329	2.35
2213	3.17	2202	3.59	2310	2.94	2339	3.56	2324	2.90			2356	2.68	2002	1.53
<b>2</b> 0443	1.57	<b>17</b> 0430	1.26	<b>2</b> 0628	1.72	<b>17</b> 0647	1.21	<b>2</b> 0640	1.62	<b>17</b> 0009	3.40	<b>2</b> 0736	1.51	<b>17</b> 0123	2.52
0952	2.61	0943	2.81	1047	2.08	1149	2.36	1117	2.05	0724	1.10	1240	2.07	0907	1.23
WE 1543	1.08	TH 1606	0.71	SA 1626	1.24	SU 1809	0.89	MO 1647	1.24	TU 1240	2.38	TH 1741	1.55	FR 1535	2.37
2250	3.01	2253	3.50	2353	2.80					1857	1.10			2200	1.64
<b>3</b> 0541	1.75	<b>18</b> 0542	1.39	<b>3</b> 0803	1.73	<b>18</b> 0039	3.36	<b>3</b> 0003	2.77	<b>18</b> 0107	3.09	<b>3</b> 0041	2.51	<b>18</b> 0311	2.28
1025	2.35	1041	2.54	1151	1.94	0806	1.21	0753	1.61	0837	1.13	0848	1.44	1029	1.17
TH 1606	1.24	FR 1706	0.90	SU 1711	1.41	MO 1313	2.24	TU 1220	1.97	WE 1415	2.30	FR 1413	2.08	SA 1719	2.58
2332	2.84	2351	3.35			1928	1.13	1732	1.42	2027	1.37	1950	1.75	2340	1.51
<b>4</b> 0710	1.87	<b>19</b> 0704	1.47	<b>4</b> 0047	2.67	<b>19</b> 0153	3.16	<b>4</b> 0050	2.64	<b>19</b> 0222	2.80	<b>4</b> 0145	2.36	<b>19</b> 0454	2.24
1109	2.11	1153	2.28	0926	1.64	0921	1.13	0908	1.54	0951	1.08	0956	1.31	1132	1.07
FR 1637	1.42	SA 1822	1.11	MO 1322	1.87	TU 1458	2.27	WE 1343	1.94	TH 1557	2.38	SA 1604	2.26	SU 1815	2.80
				1826	1.58	2059	1.29	1849	1.60	2208	1.51	2201	1.78		
<b>5</b> 0026	2.67	<b>20</b> 0102	3.19	<b>5</b> 0208	2.59	<b>20</b> 0316	3.03	<b>5</b> 0151	2.54	<b>20</b> 0349	2.62	<b>5</b> 0324	2.30	<b>20</b> 0040	1.34
0919	1.82	0839	1.41	1025	1.50	1029	1.01	1005	1.40	1058	1.00	1050	1.12	0553	2.29
SA 1226	1.92	SU 1337	2.13	TU 1517	1.94	WE 1623	2.42	TH 1524	2.04	FR 1722	2.58	SU 1713	2.54	MO 1219	0.98
1731	1.62	1954	1.27	2003	1.69	2227	1.35	2033	1.71	2339	1.47	2339	1.62	1850	2.96
<b>6</b> 0204	2.57	<b>21</b> 0238	3.12	<b>6</b> 0336	2.61	<b>21</b> 0426	2.96	<b>6</b> 0310	2.51	<b>21</b> 0501	2.54	<b>6</b> 0441	2.35	<b>21</b> 0122	1.21
1043	1.65	1002	1.24	1106	1.35	1127	0.90	1049	1.24	1153	0.91	1136	0.92	0631	2.35
SU 1508	1.89	MO 1537	2.24	WE 1630	2.11	TH 1732	2.63	FR 1637	2.24	SA 1822	2.79	MO 1802	2.86	TU 1253	0.92
1938	1.75	2132	1.31	2153	1.69	2343	1.33	2221	1.71					1918	3.07
<b>7</b> 0418	2.64	<b>22</b> 0402	3.16	<b>7</b> 0431	2.68	<b>22</b> 0521	2.90	<b>7</b> 0413	2.54	<b>22</b> 0044	1.37	<b>7</b> 0035	1.40	<b>22</b> 0156	1.14
1124	1.48	1104	1.05	1137	1.21	1214	0.81	1126	1.07	0554	2.50	0534	2.47	0701	2.40
MO 1650	2.05	TU 1653	2.46	TH 1718	2.32	FR 1825	2.82	SA 1729	2.50	SU 1237	0.85	TU 1217	0.70	WE 1318	0.88
2211	1.73	2251	1.25	2308	1.60			2339	1.60	1904	2.96	1843	3.19	1944	3.13
<b>8</b> 0506	2.76	<b>23</b> 0501	3.22	<b>8</b> 0508	2.76	<b>23</b> 0043	1.29	<b>8</b> 0459	2.60	<b>23</b> 0132	1.29	<b>8</b> 0119	1.17	<b>23</b> 0222	1.12
1155	1.33	1155	0.89	1206	1.06	0605	2.83	1200	0.89	0634	2.48	0619	2.62	0725	2.46
TU 1731	2.25	WE 1748	2.69	FR 1755	2.55	SA 1253	0.77	SU 1812	2.79	MO 1311	0.83	WE 1257	0.49	TH 1335	0.84
2315	1.61	2355	1.17	2359	1.49	1907	2.98			1937	3.07	1923	3.50	2008	3.18
<b>9</b> 0536	2.88	<b>24</b> 0546	3.24	<b>9</b> 0538	2.84	<b>24</b> 0132	1.27	<b>9</b> 0034	1.44	<b>24</b> 0211	1.24	<b>9</b> 0200	0.96	<b>24</b> 0246	1.12
1222	1.20	1236	0.78	1233	0.90	0640	2.75	0539	2.68	0707	2.46	0703	2.77	0748	2.51
WE 1800	2.45	TH 1832	2.89	SA 1829	2.81	SU 1325	0.76	MO 1234	0.70	TU 1335	0.82	TH 1336	0.30	FR 1351	0.80
2356	1.47			1943	3.09	1943	3.09	1852	3.10	2005	3.14	2002	3.76	2032	3.20
<b>10</b> 0602	2.97	<b>25</b> 0047	1.12	<b>10</b> 0041	1.36	<b>25</b> 0213	1.27	<b>10</b> 0121	1.27	<b>25</b> 0243	1.23	<b>10</b> 0240	0.80	<b>25</b> 0305	1.13
1247	1.09	0624	3.21	0607	2.92	0713	2.67	0620	2.76	0736	2.45	0749	2.90	0810	2.56
TH 1826	2.65	FR 1312	0.73	SU 1300	0.74	MO 1349	0.78	TU 1309	0.51	WE 1351	0.81	FR 1417	0.17	SA 1409	0.76
		1910	3.06	1904	3.07	2015	3.17	1932	3.40	2032	3.18	2043	3.93	2055	3.20
<b>11</b> 0028	1.35	<b>26</b> 0131	1.12	<b>11</b> 0122	1.24	<b>26</b> 0249	1.30	<b>11</b> 0205	1.10	<b>26</b> 0310	1.25	<b>11</b> 0321	0.71	<b>26</b> 0324	1.15
0624	3.06	0657	3.14	0638	2.98	0743	2.59	0703	2.84	0801	2.45	0835	2.98	0835	2.59
FR 1309	0.97	SA 1341	0.72	MO 1328	0.58	TU 1405	0.79	WE 1346	0.35	TH 1407	0.79	SA 1459	0.15	SU 1432	0.76
1852	2.86	1945	3.17	1942	3.34	2046	3.20	2015	3.66	2058	3.20	2124	3.97	2119	3.17
<b>12</b> 0059	1.23	<b>27</b> 0210	1.16	<b>12</b> 0204	1.14	<b>27</b> 0322	1.34	<b>12</b> 0249	0.97	<b>27</b> 0334	1.28	<b>12</b> 0402	0.70	<b>27</b> 0345	1.17
0646	3.14	0728	3.03	0715	3.02	0811	2.51	0750	2.88	0827	2.44	0924	2.97	0903	2.59
SA 1332	0.84	SU 1404	0.73	TU 1358	0.45	WE 1421	0.80	TH 1427	0.24	FR 1427	0.78	SU 1543	0.25	MO 1458	0.82
1922	3.08	2020	3.25	2023	3.56	2115	3.20	2058	3.84	2124	3.19	2206	3.87	2144	3.10
<b>13</b> 0130	1.13	<b>28</b> 0246	1.23	<b>13</b> 0249	1.07	<b>28</b> 0352	1.39	<b>13</b> 0336	0.89	<b>28</b> 0358	1.31	<b>13</b> 0447	0.77	<b>28</b> 0409	1.21
0710	3.20	0758	2.90	0757	2.99	0839	2.44	0841	2.88	0854	2.43	1013	2.88	0936	2.56
SU 1354	0.72	MO 1422	0.77	WE 1434	0.37	TH 1442	0.82	FR 1511	0.22	SA 1453	0.79	MO 1629	0.49	TU 1524	0.93
1955	3.30	2053	3.27	2107	3.71	2145	3.17	2143	3.91	2151	3.15	2249	3.64	2209	3.00
<b>14</b> 0203	1.07	<b>29</b> 0322	1.33	<b>14</b> 0340	1.06	<b>29</b> 0424	1.45	<b>14</b> 0425	0.88	<b>29</b> 0425	1.35	<b>14</b> 0537	0.91	<b>29</b> 0437	1.26
0739	3.22	0828	2.75	0845	2.89	0909	2.36	0936	2.81	0924	2.39	1106	2.72	1015	2.49
MO 1417	0.61	TU 1439	0.81	TH 1517	0.38	FR 1508	0.87	SA 1559	0.30	SU 1520	0.85	TU 1722	0.83	WE 1552	1.10
2032	3.47	2126	3.24	2155	3.77	2216	3.11	2230	3.86	2220	3.07	2334	3.29	2236	2.85
<b>15</b> 0241	1.07	<b>30</b> 0359	1.44	<b>15</b> 0436	1.10	<b>30</b> 0501	1.51	<b>15</b> 0518	0.93	<b>30</b> 0458	1.41	<b>15</b> 0635	1.06	<b>30</b> 0514	1.33
0815	3.17	0856	2.58	0940	2.73	0944	2.26	1032	2.69	0959	2.32	1205	2.52	1103	2.39
TU 1446	0.56	WE 1458	0.87	FR 1606	0.48	SA 1539	0.96	SU 1650	0.49	MO 1549	0.96	WE 1828	1.21	TH 1624	1.33
2114	3.58	2159	3.17	2245	3.71	2248	3.01	2317	3.67	2249	2.97			2307	2.66
		<b>31</b> 0439	1.55											<b>31</b> 0619	1.40
		0926	2.41											1203	2.30
		TH 1522	0.97											FR 1711	1.59
		2234	3.07											2347	2.43

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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

# TOWNSVILLE – QUEENSLAND

LAT 19° 15' LONG 146° 50'

Times and Heights of High and Low Waters

# 2018

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> 0737	1.42	<b>16</b> 0228	1.98	<b>1</b> 0028	2.01	<b>16</b> 0444	1.88	<b>1</b> 0455	2.24	<b>16</b> 0529	2.17	<b>1</b> 0523	2.58	<b>16</b> 0527	2.28
1324	2.25	0948	1.38	0817	1.37	1015	1.49	1041	1.08	1106	1.48	1120	1.13	1104	1.65
SA 1951	1.80	SU 1706	2.59	MO 1517	2.57	TU 1713	2.72	TH 1704	3.23	FR 1728	2.83	SA 1719	3.24	SU 1703	2.73
		2336	1.46	2236	1.58	2355	1.23	☉ 2356	0.85	☉					
<b>2</b> 0052	2.20	<b>17</b> 0455	2.03	<b>2</b> 0350	1.94	<b>17</b> 0530	2.08	<b>2</b> 0540	2.53	<b>17</b> 0016	1.04	<b>2</b> 0012	0.69	<b>17</b> 0004	1.06
0902	1.36	1103	1.27	0955	1.24	1113	1.37	1137	0.91	0557	2.37	0608	2.83	0559	2.51
SU 1541	2.37	MO 1752	2.79	TU 1642	2.86	WE 1745	2.85	FR 1746	3.38	SA 1146	1.38	SU 1215	1.07	MO 1152	1.55
2224	1.75	☉		☉ 2336	1.28	☉		1754	2.90	1754	2.90	1800	3.23	1733	2.79
<b>3</b> 0307	2.07	<b>18</b> 0024	1.26	<b>3</b> 0509	2.18	<b>18</b> 0026	1.09	<b>3</b> 0034	0.67	<b>18</b> 0040	0.93	<b>3</b> 0050	0.60	<b>18</b> 0029	0.92
1020	1.19	0548	2.17	1102	1.02	0558	2.26	0618	2.79	0622	2.56	0647	3.03	0628	2.75
MO 1702	2.67	TU 1152	1.15	WE 1732	3.15	TH 1152	1.25	SA 1224	0.79	SU 1219	1.29	MO 1303	1.06	TU 1232	1.46
☉ 2345	1.49	1822	2.93	1812	2.95	1812	2.95	1823	3.47	1817	2.95	1835	3.18	1759	2.84
<b>4</b> 0456	2.19	<b>19</b> 0059	1.12	<b>4</b> 0019	1.00	<b>19</b> 0053	0.99	<b>4</b> 0109	0.55	<b>19</b> 0102	0.84	<b>4</b> 0121	0.55	<b>19</b> 0054	0.77
1118	0.97	0619	2.30	0551	2.45	0624	2.42	0652	3.01	0647	2.74	0724	3.19	0658	3.00
TU 1751	3.00	WE 1227	1.06	TH 1153	0.79	FR 1222	1.15	SU 1305	0.73	MO 1248	1.22	TU 1347	1.09	WE 1310	1.37
		1849	3.03	1811	3.40	1836	3.02	1856	3.48	1837	2.99	1908	3.09	1826	2.90
<b>5</b> 0031	1.22	<b>20</b> 0128	1.04	<b>5</b> 0055	0.78	<b>20</b> 0116	0.93	<b>5</b> 0138	0.48	<b>20</b> 0123	0.75	<b>5</b> 0147	0.54	<b>20</b> 0118	0.63
0547	2.39	0645	2.42	0626	2.70	0646	2.57	0727	3.18	0713	2.93	0759	3.29	0730	3.24
WE 1205	0.73	TH 1253	0.98	FR 1236	0.59	SA 1247	1.07	MO 1344	0.75	TU 1317	1.17	WE 1427	1.15	TH 1349	1.28
1831	3.32	1913	3.10	1847	3.59	1858	3.07	1929	3.42	1857	3.02	1940	2.97	1857	2.95
<b>6</b> 0111	0.98	<b>21</b> 0151	1.00	<b>6</b> 0129	0.62	<b>21</b> 0137	0.88	<b>6</b> 0206	0.46	<b>21</b> 0142	0.65	<b>6</b> 0208	0.57	<b>21</b> 0143	0.49
0627	2.61	0709	2.53	0659	2.93	0709	2.71	0803	3.28	0742	3.11	0835	3.34	0806	3.47
TH 1247	0.50	FR 1313	0.92	SA 1314	0.46	SU 1309	1.01	TU 1423	0.85	WE 1348	1.14	TH 1507	1.25	FR 1430	1.21
1907	3.59	1936	3.15	1921	3.70	1918	3.10	2002	3.29	1921	3.03	2012	2.82	1934	2.96
<b>7</b> 0147	0.78	<b>22</b> 0212	0.99	<b>7</b> 0201	0.51	<b>22</b> 0155	0.83	<b>7</b> 0229	0.49	<b>22</b> 0201	0.56	<b>7</b> 0227	0.62	<b>22</b> 0213	0.39
0704	2.83	0730	2.62	0735	3.12	0732	2.84	0841	3.31	0815	3.27	0911	3.32	0846	3.64
FR 1325	0.32	SA 1330	0.86	SU 1351	0.42	MO 1331	0.97	WE 1504	1.00	TH 1422	1.14	FR 1547	1.36	SA 1516	1.18
1944	3.79	1957	3.17	1955	3.72	1937	3.12	2034	3.08	1951	3.00	☉ 2042	2.65	2017	2.92
<b>8</b> 0222	0.63	<b>23</b> 0230	0.98	<b>8</b> 0230	0.47	<b>23</b> 0212	0.78	<b>8</b> 0251	0.57	<b>23</b> 0223	0.51	<b>8</b> 0247	0.70	<b>23</b> 0248	0.36
0743	3.01	0751	2.71	0812	3.23	0757	2.96	0920	3.25	0853	3.38	0947	3.25	0931	3.74
SA 1404	0.22	SU 1349	0.82	MO 1429	0.49	TU 1355	0.96	TH 1547	1.21	FR 1506	1.19	SA 1630	1.49	SU 1607	1.19
2021	3.90	2019	3.18	2030	3.63	1957	3.11	☉ 2106	2.83	☉ 2027	2.90	2112	2.47	☉ 2106	2.82
<b>9</b> 0258	0.56	<b>24</b> 0248	0.96	<b>9</b> 0259	0.49	<b>24</b> 0228	0.73	<b>9</b> 0310	0.70	<b>24</b> 0252	0.51	<b>9</b> 0309	0.81	<b>24</b> 0330	0.42
0824	3.13	0815	2.78	0852	3.25	0827	3.06	1000	3.14	0938	3.42	1023	3.13	1018	3.74
SU 1443	0.23	MO 1412	0.82	TU 1508	0.67	WE 1422	1.00	FR 1638	1.42	SA 1603	1.29	SU 1717	1.60	MO 1704	1.23
2059	3.88	2040	3.16	☉ 2105	3.42	2020	3.06	2137	2.54	2109	2.72	2145	2.29	2201	2.66
<b>10</b> 0333	0.57	<b>25</b> 0305	0.95	<b>10</b> 0327	0.59	<b>25</b> 0245	0.70	<b>10</b> 0329	0.86	<b>25</b> 0329	0.60	<b>10</b> 0336	0.96	<b>25</b> 0420	0.58
0907	3.14	0843	2.82	0933	3.17	0902	3.11	1042	2.97	1028	3.38	1101	2.99	1110	3.64
MO 1524	0.38	TU 1436	0.87	WE 1552	0.94	TH 1454	1.10	SA 1740	1.61	SU 1712	1.40	MO 1817	1.69	TU 1808	1.29
☉ 2138	3.72	☉ 2102	3.10	2140	3.12	☉ 2049	2.94	2210	2.26	2159	2.48	2224	2.11	2303	2.47
<b>11</b> 0409	0.66	<b>26</b> 0321	0.96	<b>11</b> 0352	0.75	<b>26</b> 0307	0.72	<b>11</b> 0352	1.05	<b>26</b> 0417	0.78	<b>11</b> 0406	1.14	<b>26</b> 0520	0.81
0952	3.05	0917	2.83	1017	3.02	0945	3.10	1129	2.79	1124	3.28	1145	2.84	1207	3.47
TU 1607	0.66	WE 1503	0.98	TH 1644	1.25	FR 1536	1.26	SU 1909	1.72	MO 1829	1.47	TU 1942	1.72	WE 1921	1.32
2216	3.43	2125	2.99	2214	2.76	2122	2.75	2253	1.99	2306	2.22	2320	1.94		
<b>12</b> 0448	0.83	<b>27</b> 0338	0.99	<b>12</b> 0415	0.96	<b>27</b> 0336	0.81	<b>12</b> 0421	1.27	<b>27</b> 0532	1.01	<b>12</b> 0443	1.34	<b>27</b> 0016	2.30
1039	2.88	0956	2.79	1104	2.81	1034	3.03	1229	2.63	1231	3.15	1239	2.71	0637	1.08
WE 1658	1.02	TH 1534	1.17	FR 1753	1.55	SA 1654	1.47	MO 2103	1.67	TU 2001	1.44	WE 2112	1.65	TH 1311	3.28
2255	3.05	2152	2.81	2250	2.39	2203	2.48					2040	1.28		
<b>13</b> 0532	1.04	<b>28</b> 0401	1.06	<b>13</b> 0439	1.18	<b>28</b> 0413	0.98	<b>13</b> 0010	1.78	<b>28</b> 0038	2.02	<b>13</b> 0049	1.82	<b>28</b> 0156	2.22
1132	2.66	1044	2.70	1201	2.60	1132	2.91	0509	1.49	0710	1.19	0545	1.55	0810	1.29
TH 1806	1.39	FR 1613	1.41	SA 1936	1.73	SU 1831	1.63	TU 1417	2.55	WE 1356	3.08	TH 1356	2.62	FR 1431	3.12
2336	2.64	2225	2.58	2336	2.05	2258	2.18	2233	1.50	2130	1.28	2221	1.51	2155	1.16
<b>14</b> 0630	1.25	<b>29</b> 0433	1.19	<b>14</b> 0529	1.41	<b>29</b> 0536	1.19	<b>14</b> 0326	1.76	<b>29</b> 0258	2.05	<b>14</b> 0316	1.87	<b>29</b> 0347	2.35
1242	2.45	1143	2.58	1347	2.46	1247	2.80	0751	1.64	0851	1.25	0747	1.70	0943	1.40
FR 1947	1.67	SA 1807	1.67	SU 2154	1.65	MO 2025	1.61	WE 1605	2.62	TH 1525	3.12	FR 1526	2.62	SA 1549	3.04
		2308	2.29					2317	1.32	2237	1.06	2304	1.35	☉ 2300	1.00
<b>15</b> 0028	2.25	<b>30</b> 0628	1.34	<b>15</b> 0116	1.79	<b>30</b> 0038	1.91	<b>15</b> 0453	1.96	<b>30</b> 0425	2.30	<b>15</b> 0443	2.06	<b>30</b> 0506	2.59
0802	1.39	1300	2.49	0817	1.56	0742	1.31	1011	1.59	1013	1.20	0954	1.72	1106	1.40
SA 1504	2.40	SU 2012	1.77	MO 1618	2.56	TU 1441	2.83	TH 1655	2.73	FR 1630	3.19	SA 1625	2.68	SU 1652	2.98
2203	1.68			2315	1.43	2212	1.38	2349	1.16	☉ 2329	0.85	☉ 2336	1.20	2352	0.85
				<b>31</b> 0343	1.96									<b>31</b> 0603	2.85
				0927	1.25									1214	1.35
				WE 1609	3.02									MO 1742	2.93
				2313	1.10										

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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