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BOWEN – QUEENSLAND

LAT 20° 1' LONG 148° 15'

Times and Heights of High and Low Waters

2016

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0418 2.03		16 0326 2.34		1 0543 2.35		16 0553 2.93		1 0437 2.34		16 0532 3.01		1 0536 2.76		16 0027 1.00	
0937 1.50		0900 1.27		1134 1.62		1212 1.24		1101 1.68		1210 1.13		1214 1.26		0654 3.10	
FR 1600 2.46		SA 1535 2.71		MO 1713 2.21		TU 1802 2.47		TU 1620 2.04		WE 1802 2.38		FR 1751 2.23		SA 1321 0.78	
2305 1.06		2222 0.85		☉ 2339 1.13				2238 1.37		☉ 2353 0.94		☉ 2343 1.16		1930 2.63	
2 0533 2.20		17 0450 2.54		2 0633 2.56		17 0009 0.76		2 0543 2.54		17 0636 3.17		2 0621 2.97		17 0114 0.93	
1101 1.51		1039 1.31		1233 1.50		0655 3.15		1205 1.53		1306 0.96		1252 1.06		0732 3.07	
SA 1703 2.41		SU 1651 2.63		TU 1807 2.26		WE 1314 1.07		WE 1734 2.13		TH 1900 2.53		SA 1835 2.45		SU 1354 0.75	
☉ 2348 0.96		☉ 2327 0.71				1902 2.54		☉ 2336 1.22						2004 2.71	
3 0626 2.40		18 0605 2.80		3 0020 1.00		18 0103 0.64		3 0628 2.75		18 0049 0.82		3 0033 0.96		18 0154 0.92	
1206 1.45		1204 1.23		0711 2.76		0744 3.30		1250 1.35		0724 3.26		0659 3.15		0802 3.00	
SU 1755 2.40		MO 1801 2.61		WE 1316 1.37		TH 1401 0.96		TH 1821 2.27		FR 1347 0.86		SU 1326 0.87		MO 1423 0.76	
				1846 2.32		1947 2.59				1944 2.63		1913 2.66		2032 2.77	
4 0025 0.87		19 0023 0.57		4 0057 0.87		19 0148 0.56		4 0022 1.04		19 0135 0.74		4 0119 0.77		19 0227 0.93	
0707 2.59		0704 3.06		0742 2.94		0824 3.36		0704 2.96		0803 3.27		0734 3.29		0827 2.92	
MO 1257 1.36		TU 1309 1.10		TH 1349 1.25		FR 1439 0.90		FR 1323 1.19		SA 1421 0.83		MO 1401 0.69		TU 1448 0.78	
1836 2.39		1858 2.60		1919 2.40		2023 2.61		1858 2.42		2017 2.69		1951 2.87		2058 2.80	
5 0057 0.78		20 0112 0.46		5 0130 0.73		20 0227 0.53		5 0103 0.85		20 0213 0.72		5 0203 0.61		20 0258 0.98	
0741 2.76		0754 3.25		0810 3.09		0858 3.36		0737 3.15		0834 3.22		0809 3.37		0851 2.82	
TU 1336 1.29		WE 1401 1.00		FR 1420 1.14		SA 1512 0.90		SA 1355 1.03		SU 1451 0.84		TU 1439 0.53		WE 1512 0.80	
1911 2.39		1944 2.58		1951 2.49		2054 2.62		1932 2.59		2045 2.72		2030 3.05		2125 2.83	
6 0126 0.71		21 0156 0.39		6 0204 0.60		21 0303 0.55		6 0142 0.67		21 0246 0.74		6 0246 0.51		21 0328 1.04	
0810 2.89		0836 3.36		0839 3.24		0926 3.31		0808 3.31		0859 3.14		0846 3.38		0916 2.72	
WE 1410 1.22		TH 1445 0.94		SA 1452 1.03		SU 1543 0.93		SU 1428 0.87		MO 1517 0.86		WE 1517 0.42		TH 1536 0.83	
1940 2.39		2024 2.56		2024 2.58		2122 2.62		2007 2.75		2110 2.73		2112 3.19		2152 2.84	
7 0155 0.63		22 0238 0.36		7 0241 0.48		22 0336 0.61		7 0222 0.51		22 0317 0.80		7 0331 0.51		22 0356 1.12	
0838 3.00		0914 3.41		0911 3.36		0952 3.23		0841 3.43		0922 3.05		0925 3.31		0940 2.60	
TH 1441 1.17		FR 1526 0.92		SU 1527 0.92		MO 1611 0.97		MO 1504 0.73		TU 1542 0.90		TH 1557 0.38		FR 1559 0.86	
2009 2.40		2100 2.53		2100 2.66		2152 2.61		2044 2.88		2137 2.74		☉ 2157 3.26		☉ 2218 2.83	
8 0225 0.56		23 0316 0.38		8 0320 0.40		23 0407 0.71		8 0303 0.42		23 0347 0.89		8 0417 0.60		23 0425 1.21	
0906 3.10		0947 3.39		0945 3.43		1019 3.13		0916 3.49		0946 2.95		1006 3.14		1005 2.48	
FR 1512 1.12		SA 1603 0.94		MO 1606 0.84		TU 1639 1.02		TU 1542 0.63		WE 1606 0.93		FR 1639 0.42		SA 1622 0.90	
2040 2.41		2134 2.49		2139 2.71		☉ 2223 2.57		2124 2.98		☉ 2205 2.73		2245 3.25		2245 2.81	
9 0258 0.50		24 0352 0.45		9 0401 0.39		24 0437 0.85		9 0346 0.41		24 0415 1.00		9 0506 0.77		24 0455 1.31	
0936 3.19		1019 3.32		1021 3.44		1046 3.00		0952 3.46		1011 2.83		1052 2.89		1032 2.35	
SA 1547 1.06		SU 1639 0.99		TU 1647 0.81		WE 1707 1.08		WE 1622 0.58		TH 1630 0.97		SA 1722 0.54		SU 1647 0.95	
2114 2.43		☉ 2209 2.44		☉ 2222 2.72		2256 2.51		☉ 2208 3.02		2233 2.70		2339 3.18		2315 2.77	
10 0334 0.46		25 0428 0.57		10 0444 0.47		25 0507 1.02		10 0430 0.50		25 0443 1.13		10 0559 1.00		25 0530 1.40	
1009 3.25		1051 3.22		1059 3.36		1113 2.84		1032 3.33		1036 2.68		1143 2.60		1104 2.21	
SU 1626 1.02		MO 1714 1.06		WE 1730 0.82		TH 1735 1.15		TH 1703 0.61		FR 1654 1.03		SU 1809 0.72		MO 1714 1.03	
☉ 2153 2.42		2247 2.37		2310 2.68		2330 2.44		2256 3.00		2303 2.66				2350 2.71	
11 0413 0.47		26 0501 0.74		11 0529 0.64		26 0538 1.21		11 0516 0.69		26 0513 1.28		11 0047 3.07		26 0614 1.49	
1044 3.27		1123 3.08		1141 3.21		1141 2.66		1114 3.12		1102 2.52		0709 1.22		1143 2.08	
MO 1709 1.01		TU 1749 1.14		TH 1817 0.87		FR 1805 1.23		FR 1747 0.70		SA 1720 1.10		MO 1252 2.32		TU 1749 1.12	
2237 2.39		2326 2.28						2350 2.93		2335 2.59		1907 0.93			
12 0455 0.54		27 0535 0.94		12 0005 2.61		27 0009 2.35		12 0607 0.95		27 0546 1.43		12 0213 2.97		27 0038 2.65	
1124 3.23		1157 2.91		0619 0.88		0612 1.42		1202 2.84		1132 2.35		0903 1.29		0721 1.56	
TU 1755 1.01		WE 1827 1.23		FR 1229 2.99		SA 1213 2.47		SA 1836 0.83		SU 1748 1.19		TU 1439 2.14		WE 1240 1.95	
2326 2.34				1909 0.94		1840 1.32						2030 1.11		1839 1.24	
13 0541 0.68		28 0009 2.18		13 0119 2.54		28 0100 2.27		13 0100 2.83		28 0014 2.52		13 0338 2.95		28 0155 2.60	
1208 3.14		0612 1.17		0720 1.15		0658 1.62		0711 1.22		0628 1.58		1039 1.18		0945 1.49	
WE 1847 1.02		TH 1232 2.72		SA 1334 2.73		SU 1252 2.27		SU 1307 2.53		MO 1207 2.18		WE 1623 2.16		TH 1427 1.90	
		1913 1.30		2018 1.00		1927 1.41		1938 0.99		1823 1.29		2206 1.15		1957 1.34	
14 0025 2.28		29 0107 2.09		14 0300 2.56		29 0256 2.23		14 0236 2.79		29 0111 2.44		14 0459 3.00		29 0334 2.65	
0633 0.87		0654 1.40		0849 1.36		0907 1.76		0855 1.39		0740 1.70		1150 1.01		1046 1.31	
TH 1301 3.00		FR 1313 2.52		SU 1509 2.52		MO 1403 2.09		MO 1453 2.31		TU 1301 2.01		TH 1750 2.31		FR 1610 2.01	
1951 1.02		2024 1.35		2145 0.99		2105 1.46		2107 1.08		1916 1.40		☉ 2326 1.09		2140 1.33	
15 0149 2.25		30 0256 2.06		15 0430 2.70				15 0408 2.86		30 0311 2.44		15 0605 3.07		30 0443 2.78	
0736 1.09		0801 1.61		1042 1.38				1049 1.32		1026 1.63		1241 0.87		1135 1.11	
FR 1412 2.83		SA 1416 2.33		MO 1642 2.44				TU 1637 2.27		WE 1517 1.93		FR 1847 2.49		SA 1717 2.21	
2107 0.97		2149 1.33		☉ 2304 0.89				2239 1.05		2059 1.45				☉ 2301 1.20	
		31 0431 2.16								31 0437 2.57					
		1010 1.69								1129 1.45					
		SU 1557 2.22								TH 1654 2.04					
		2250 1.25								2240 1.35					

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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

Ca

BOWEN – QUEENSLAND

LAT 20° 1' LONG 148° 15'

Times and Heights of High and Low Waters

2016

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0536	2.94	16 0050	1.12	1 0040	0.97	16 0151	1.18	1 0130	0.93	16 0209	1.16	1 0305	0.73	16 0243	0.91
1217	0.90	0654	2.81	0637	2.92	0728	2.43	0715	2.61	0735	2.23	0843	2.42	0813	2.32
SU 1810	2.46	MO 1323	0.73	WE 1311	0.42	TH 1348	0.69	FR 1339	0.30	SA 1347	0.67	MO 1458	0.25	TU 1427	0.48
		1946	2.67	1930	2.98	2027	2.81	2015	3.22	2033	2.88	2129	3.34	2058	3.10
2 0004	1.04	17 0132	1.09	2 0134	0.86	17 0225	1.16	2 0222	0.84	17 0239	1.11	2 0345	0.72	17 0314	0.82
0621	3.07	0728	2.74	0721	2.89	0758	2.37	0801	2.56	0805	2.23	0920	2.40	0846	2.40
MO 1256	0.70	TU 1352	0.71	TH 1354	0.30	FR 1415	0.67	SA 1424	0.23	SU 1417	0.61	TU 1537	0.29	WE 1503	0.39
1856	2.71	2017	2.76	2015	3.19	2056	2.88	2059	3.35	2100	2.96	2204	3.29	2128	3.17
3 0057	0.87	18 0208	1.09	3 0223	0.78	18 0256	1.15	3 0309	0.78	18 0307	1.06	3 0423	0.75	18 0348	0.74
0702	3.15	0756	2.66	0805	2.82	0827	2.31	0845	2.50	0834	2.24	0958	2.37	0923	2.46
TU 1335	0.52	WE 1418	0.71	FR 1436	0.22	SA 1441	0.66	SU 1507	0.20	MO 1448	0.55	WE 1615	0.38	TH 1543	0.36
1938	2.94	2045	2.83	2101	3.35	2124	2.93	2141	3.42	2127	3.03	● 2237	3.19	○ 2202	3.19
4 0145	0.73	19 0241	1.10	4 0312	0.74	19 0326	1.15	4 0355	0.76	19 0338	1.01	4 0459	0.81	19 0426	0.68
0741	3.18	0824	2.58	0850	2.72	0854	2.26	0929	2.43	0906	2.26	1037	2.31	1004	2.49
WE 1414	0.38	TH 1443	0.72	SA 1519	0.19	SU 1509	0.64	MO 1550	0.24	TU 1522	0.49	TH 1652	0.54	FR 1623	0.40
2020	3.14	2112	2.87	2146	3.44	2150	2.97	● 2222	3.41	2157	3.09	2310	3.04	2237	3.14
5 0232	0.65	20 0311	1.13	5 0400	0.76	20 0357	1.14	5 0441	0.79	20 0412	0.96	5 0536	0.89	20 0507	0.67
0820	3.14	0849	2.48	0936	2.59	0924	2.22	1013	2.35	0942	2.28	1120	2.24	1049	2.49
TH 1455	0.28	FR 1507	0.73	SU 1603	0.24	MO 1538	0.63	TU 1632	0.33	WE 1559	0.47	FR 1729	0.74	SA 1706	0.52
2104	3.30	2140	2.90	● 2232	3.45	○ 2218	2.99	2303	3.32	○ 2229	3.11	2344	2.85	2315	3.02
6 0319	0.64	21 0340	1.17	6 0451	0.83	21 0430	1.14	6 0527	0.86	21 0450	0.92	6 0615	0.98	21 0551	0.69
0902	3.02	0915	2.39	1025	2.43	0959	2.19	1100	2.26	1022	2.28	1206	2.15	1140	2.46
FR 1536	0.25	SA 1531	0.75	MO 1647	0.35	TU 1611	0.64	WE 1714	0.49	TH 1638	0.51	SA 1807	0.97	SU 1753	0.71
2150	3.39	2206	2.91	2320	3.38	2249	3.00	2344	3.18	2303	3.10			2358	2.83
7 0407	0.70	22 0411	1.22	7 0545	0.92	22 0508	1.13	7 0616	0.94	22 0532	0.90	7 0020	2.64	22 0639	0.74
0947	2.85	0942	2.30	1118	2.27	1037	2.15	1151	2.16	1107	2.26	0659	1.06	1245	2.41
SA 1618	0.30	SU 1557	0.77	TU 1732	0.53	WE 1648	0.68	TH 1757	0.70	FR 1720	0.60	SU 1305	2.07	MO 1849	0.94
● 2239	3.40	○ 2232	2.90			2324	2.99			2342	3.03	1850	1.21		
8 0457	0.83	23 0443	1.26	8 0012	3.24	23 0553	1.13	8 0028	2.99	23 0619	0.90	8 0101	2.41	23 0053	2.59
1037	2.63	1013	2.21	0650	1.02	1122	2.11	0712	1.02	1159	2.23	0758	1.13	0738	0.80
SU 1702	0.43	MO 1625	0.80	WE 1219	2.13	TH 1729	0.75	FR 1252	2.07	SA 1807	0.74	MO 1436	2.03	TU 1417	2.42
2332	3.33	2302	2.89	1822	0.75			1843	0.95			1953	1.43	2004	1.16
9 0553	0.99	24 0520	1.30	9 0109	3.07	24 0004	2.94	9 0117	2.78	24 0026	2.91	9 0159	2.20	24 0219	2.35
1131	2.39	1049	2.13	0808	1.06	0645	1.13	0820	1.06	0712	0.90	0919	1.15	0857	0.81
MO 1750	0.62	TU 1657	0.86	TH 1339	2.04	FR 1217	2.07	SA 1411	2.02	SU 1304	2.21	TU 1603	2.10	WE 1547	2.53
		2337	2.86	1920	0.99	1818	0.87	1939	1.19	1901	0.93	2155	1.53	2157	1.23
10 0032	3.21	25 0605	1.34	10 0214	2.89	25 0053	2.87	10 0218	2.58	25 0122	2.75	10 0340	2.05	25 0400	2.24
0707	1.13	1133	2.04	0923	1.04	0749	1.09	0928	1.05	0817	0.88	1025	1.10	1021	0.75
TU 1239	2.18	WE 1736	0.94	FR 1505	2.03	SA 1328	2.05	SU 1534	2.04	MO 1434	2.25	WE 1718	2.24	TH 1710	2.73
1844	0.84			2034	1.19	1916	1.01	2102	1.37	2011	1.12	2326	1.46	● 2335	1.10
11 0144	3.07	26 0021	2.81	11 0321	2.75	26 0157	2.79	11 0328	2.41	26 0241	2.58	11 0500	2.02	26 0524	2.25
0848	1.15	0706	1.36	1028	0.98	0904	1.00	1030	1.01	0931	0.80	1119	1.02	1132	0.63
WE 1416	2.05	TH 1231	1.97	SA 1628	2.12	SU 1459	2.12	MO 1654	2.15	TU 1600	2.39	TH 1815	2.42	FR 1820	2.95
1956	1.06	1826	1.05	2159	1.30	2029	1.13	2235	1.44	2146	1.22	●			
12 0300	2.96	27 0119	2.76	12 0428	2.65	27 0314	2.73	12 0437	2.31	27 0405	2.47	12 0031	1.34	27 0045	0.91
1009	1.07	0843	1.30	1122	0.89	1011	0.85	1122	0.94	1042	0.69	0557	2.05	0631	2.32
TH 1551	2.08	FR 1355	1.94	SU 1743	2.27	MO 1618	2.29	TU 1802	2.32	WE 1719	2.61	FR 1205	0.92	SA 1232	0.50
2124	1.19	1932	1.17	● 2317	1.32	2157	1.19	● 2352	1.40	● 2322	1.17	1858	2.60	1915	3.14
13 0414	2.90	28 0240	2.75	13 0527	2.58	28 0425	2.70	13 0536	2.26	28 0520	2.43	13 0115	1.21	28 0137	0.75
1115	0.95	0957	1.15	1208	0.82	1109	0.69	1205	0.86	1144	0.56	0639	2.10	0723	2.40
FR 1718	2.22	SA 1531	2.04	MO 1839	2.44	TU 1730	2.52	WE 1852	2.50	TH 1828	2.86	SA 1244	0.81	SU 1322	0.41
2248	1.21	2057	1.23			● 2322	1.15					1932	2.75	2000	3.23
14 0520	2.88	29 0355	2.79	14 0021	1.28	29 0527	2.67	14 0050	1.31	29 0038	1.04	14 0147	1.10	29 0217	0.67
1206	0.84	1053	0.96	0615	2.54	1202	0.54	0624	2.24	0625	2.43	0713	2.17	0803	2.44
SA 1822	2.40	SU 1645	2.23	TU 1247	0.76	WE 1833	2.78	TH 1243	0.79	FR 1240	0.43	SU 1319	0.69	MO 1406	0.36
● 2356	1.17	● 2223	1.19	1922	2.59			1931	2.66	1924	3.08	2001	2.89	2038	3.24
15 0614	2.86	30 0456	2.85	15 0110	1.22	30 0033	1.04	15 0135	1.22	30 0135	0.90	15 0215	1.00	30 0253	0.64
1248	0.77	1141	0.77	0654	2.48	0624	2.65	0703	2.23	0718	2.43	0743	2.24	0839	2.46
SU 1909	2.56	MO 1747	2.48	WE 1319	0.72	TH 1252	0.40	FR 1316	0.73	SA 1330	0.33	MO 1352	0.58	TU 1445	0.36
		2337	1.09	1956	2.72	1927	3.02	2003	2.79	2011	3.24	2029	3.00	2109	3.20
		31 0549	2.91							31 0223	0.79			31 0326	0.66
		1227	0.58							SU 1415	0.27			0909	2.46
		TU 1841	2.74							2052	3.32			WE 1521	0.41
														2138	3.11

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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

Caution: Predictions are of secondary quality

