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BOWEN – QUEENSLAND

LAT 20° 1' S LONG 148° 15' E

Times and Heights of High and Low Waters

2023

Local Time

JANUARY				FEBRUARY				MARCH				APRIL			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0021 0.60	16	0609 2.47	1	0127 0.76	16	0027 0.82	1	0023 1.09	16	0615 3.09	1	0118 1.07	16	0055 0.76
	0700 2.83		1149 1.56		0815 3.18		0725 3.24		0715 3.04		1255 1.18		0741 3.07		0721 3.47
SU	1251 1.26	MO	1723 2.37	WE	1442 1.18	TH	1345 1.14	WE	1357 1.18	TH	1821 2.27	SA	1413 1.03	SU	1348 0.63
	1840 2.57				2000 2.30		1912 2.41		1924 2.24				1955 2.45		1940 2.79
2	0102 0.55	17	0000 0.86	2	0204 0.72	17	0120 0.60	2	0110 0.99	17	0015 0.91	2	0149 0.97	17	0142 0.64
	0748 3.02		0657 2.78		0846 3.23		0807 3.50		0750 3.14		0704 3.36		0806 3.11		0757 3.47
MO	1348 1.23	TU	1252 1.40	TH	1514 1.16	FR	1429 0.95	TH	1426 1.11	FR	1335 0.96	SU	1431 1.00	MO	1423 0.53
	1923 2.45		1820 2.38		2030 2.30		1957 2.55		1953 2.33		1909 2.49		2017 2.55		2018 2.96
3	0141 0.54	18	0045 0.68	3	0237 0.71	18	0209 0.40	3	0146 0.90	18	0111 0.67	3	0217 0.91	18	0225 0.61
	0828 3.14		0740 3.08		0914 3.24		0847 3.69		0819 3.19		0746 3.56		0830 3.12		0830 3.39
TU	1436 1.20	WE	1345 1.23	FR	1539 1.17	SA	1509 0.81	FR	1449 1.09	SA	1412 0.79	MO	1451 0.97	TU	1458 0.48
	2000 2.34		1911 2.41		2057 2.31		2038 2.68		2016 2.40		1949 2.69		2042 2.64		2057 3.08
4	0215 0.55	19	0130 0.50	4	0306 0.70	19	0255 0.25	4	0217 0.83	19	0158 0.48	4	0245 0.90	19	0306 0.67
	0902 3.19		0821 3.35		0940 3.22		0927 3.78		0845 3.21		0825 3.67		0851 3.09		0901 3.22
WE	1517 1.20	TH	1434 1.07	SA	1601 1.20	SU	1549 0.73	SA	1508 1.10	SU	1448 0.66	TU	1514 0.93	WE	1531 0.47
	2034 2.25		1959 2.46		2122 2.32		2120 2.77		2039 2.46		2028 2.85		2107 2.71		2136 3.15
5	0248 0.59	20	0217 0.35	5	0334 0.72	20	0339 0.21	5	0245 0.78	20	0241 0.37	5	0314 0.93	20	0347 0.81
	0933 3.20		0903 3.56		1005 3.19		1006 3.77		0908 3.21		0900 3.68		0912 3.02		0934 2.99
TH	1554 1.22	FR	1521 0.94	SU	1623 1.24	MO	1630 0.71	SU	1528 1.11	MO	1524 0.59	WE	1537 0.89	TH	1604 0.52
	2106 2.18		2045 2.50		2146 2.33	●	2203 2.80		2102 2.51		2107 2.96		2134 2.77	●	2217 3.16
6	0318 0.64	21	0304 0.24	6	0400 0.75	21	0422 0.29	6	0312 0.77	21	0322 0.38	6	0344 1.00	21	0429 1.02
	1002 3.17		0947 3.69		1029 3.14		1045 3.65		0931 3.19		0934 3.59		0934 2.92		1009 2.71
FR	1626 1.26	SA	1608 0.87	MO	1647 1.27	TU	1710 0.74	MO	1549 1.11	TU	1600 0.57	TH	1601 0.86	FR	1637 0.64
	2136 2.13		2131 2.52	○	2213 2.31		2249 2.77		2126 2.55		2147 3.02	○	2203 2.81		2301 3.11
7	0347 0.71	22	0352 0.20	7	0426 0.82	22	0505 0.50	7	0338 0.80	22	0403 0.51	7	0415 1.10	22	0514 1.25
	1031 3.12		1031 3.74		1053 3.07		1123 3.42		0952 3.14		1008 3.40		0957 2.78		1045 2.41
SA	1655 1.32	SU	1655 0.84	TU	1713 1.29	WE	1751 0.83	TU	1612 1.10	WE	1636 0.62	FR	1628 0.85	SA	1709 0.80
○	2205 2.08	●	2219 2.51		2241 2.29		2339 2.70	○	2151 2.57	●	2230 3.01		2235 2.84		2347 3.00
8	0415 0.78	23	0439 0.25	8	0452 0.93	23	0549 0.81	8	0404 0.88	23	0445 0.75	8	0451 1.24	23	0606 1.48
	1100 3.05		1117 3.68		1116 2.99		1202 3.11		1014 3.06		1043 3.12		1024 2.60		1123 2.11
SU	1724 1.38	MO	1744 0.87	WE	1741 1.31	TH	1834 0.95	WE	1636 1.09	TH	1712 0.72	SA	1655 0.87	SU	1741 1.00
	2235 2.03		2310 2.46		2313 2.25				2219 2.57		2315 2.95		2313 2.84		
9	0443 0.86	24	0526 0.41	9	0520 1.08	24	0038 2.60	9	0432 1.00	24	0528 1.05	9	0533 1.40	24	0043 2.86
	1127 2.97		1204 3.52		1142 2.87		0639 1.18		1035 2.95		1117 2.78		1057 2.40		0819 1.61
MO	1755 1.43	TU	1834 0.93	TH	1813 1.32	FR	1245 2.75	TH	1701 1.09	FR	1746 0.86	SU	1726 0.94	MO	1210 1.86
	2307 1.99				2349 2.21		1924 1.08		2249 2.57						1817 1.21
10	0511 0.97	25	0007 2.39	10	0552 1.26	25	0201 2.53	10	0501 1.15	25	0008 2.84	10	0000 2.80	25	0201 2.73
	1157 2.89		0615 0.66		1208 2.73		0748 1.52		1058 2.80		0616 1.38		0630 1.56		1012 1.53
TU	1831 1.46	WE	1254 3.29	FR	1848 1.32	SA	1346 2.39	FR	1729 1.10	SA	1155 2.42	MO	1142 2.17	TU	1416 1.67
	2345 1.93		1930 1.00				2034 1.20		2324 2.55		1824 1.05		1808 1.05		1914 1.42
11	0542 1.10	26	0117 2.33	11	0038 2.18	26	0341 2.56	11	0536 1.33	26	0117 2.72	11	0116 2.75	26	0328 2.67
	1230 2.79		0709 0.98		0636 1.47		1006 1.67		1124 2.63		0736 1.65		0831 1.64		1129 1.38
WE	1917 1.48	TH	1349 3.01	SA	1241 2.56	SU	1538 2.13	SA	1759 1.12	SU	1241 2.08	TU	1257 1.93	WE	1642 1.74
			2037 1.03		1935 1.32		2205 1.23				1911 1.26		1915 1.20		2129 1.53
12	0032 1.88	27	0245 2.34	12	0203 2.18	27	0518 2.71	12	0008 2.52	27	0257 2.66	12	0318 2.80	27	0443 2.69
	0619 1.26		0819 1.30		0746 1.68		1206 1.54		0623 1.54		1029 1.64		1043 1.45		1214 1.25
TH	1307 2.68	FR	1457 2.73	SU	1330 2.35	MO	1727 2.07	SU	1158 2.42	MO	1509 1.83	WE	1535 1.88	TH	1801 1.92
	2022 1.45		2149 1.01		2045 1.30	●	2322 1.19		1837 1.18		2048 1.43		2106 1.27		2255 1.48
13	0145 1.86	28	0417 2.45	13	0414 2.33	28	0628 2.89	13	0116 2.48	28	0430 2.70	13	0445 2.98	28	0540 2.76
	0711 1.45		1000 1.50		1002 1.76		1315 1.33		0740 1.72		1208 1.45		1147 1.19		1245 1.14
FR	1355 2.57	SA	1613 2.51	MO	1521 2.17	TU	1840 2.15	MO	1248 2.16	TU	1729 1.87	TH	1711 2.08	FR	1836 2.10
	2137 1.35		2256 0.95		2215 1.20				1939 1.27		2239 1.44	●	2247 1.14	●	2354 1.36
14	0342 1.96	29	0545 2.67	14	0537 2.61	29	0518 2.71	14	0337 2.55	29	0546 2.81	14	0549 3.20	29	0622 2.84
	0832 1.61		1145 1.50		1148 1.60		1206 1.54		1030 1.70		1257 1.26		1234 0.96		1309 1.06
SA	1502 2.47	SU	1730 2.37	TU	1709 2.16	●	2327 1.03	TU	1511 1.96	WE	1838 2.04	FR	1812 2.34	SA	1902 2.27
	2230 1.21	●	2353 0.87	●					2126 1.29	●	2351 1.33				
15	0507 2.18	30	0650 2.90	15	0637 2.93	30	0636 2.92	15	0510 2.79	30	0636 2.92	15	0000 0.94	30	0038 1.24
	1026 1.65		1305 1.38		1256 1.37		1329 1.13		1200 1.45		1329 1.13		0639 3.37		0655 2.91
SU	1618 2.40	MO	1835 2.31	WE	1819 2.26			WE	1714 2.06	TH	1911 2.20	SA	1313 0.77	SU	1330 0.98
●	2315 1.04							●	2305 1.15				1859 2.58		1929 2.42
		31	0044 0.81					31	0041 1.20						
			0738 3.08						0713 3.01						
			TU 1401 1.26						FR 1353 1.06						
			1924 2.30						1934 2.34						

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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

BOWEN – QUEENSLAND

LAT 20° 1' S LONG 148° 15' E

Times and Heights of High and Low Waters

2023

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1 0114 1.15		16 0127 0.87		1 0156 1.21		16 0259 1.10		1 0225 1.14		16 0346 1.05		1 0346 0.74		16 0414 1.02	
0722 2.93		0730 3.12		0730 2.59		0826 2.36		0747 2.30		0900 2.11		0912 2.38		0940 2.19	
MO 1351 0.91		TU 1358 0.45		TH 1400 0.63		FR 1447 0.47		SA 1409 0.45		SU 1512 0.56		TU 1530 0.14		WE 1553 0.64	
1955 2.57		2013 3.02		2036 2.92		2131 3.22		2100 3.22		2153 3.17		2207 3.61		● 2216 2.99	
2 0146 1.09		17 0213 0.89		2 0235 1.16		17 0344 1.13		2 0311 1.03		17 0419 1.08		2 0430 0.67		17 0436 1.05	
0746 2.92		0803 2.96		0802 2.51		0903 2.22		0832 2.28		0932 2.08		0959 2.42		1007 2.18	
TU 1413 0.83		WE 1432 0.42		FR 1431 0.55		SA 1522 0.54		SU 1452 0.36		MO 1544 0.61		WE 1616 0.12		TH 1619 0.72	
2022 2.70		2053 3.14		2111 3.08		2207 3.22		2141 3.38		2222 3.11		○ 2250 3.59		2239 2.90	
3 0219 1.07		18 0256 0.95		3 0316 1.13		18 0427 1.18		3 0358 0.95		18 0448 1.13		3 0516 0.66		18 0500 1.08	
0809 2.87		0836 2.76		0839 2.42		0941 2.10		0920 2.27		1003 2.05		1048 2.42		1035 2.15	
WE 1437 0.76		TH 1506 0.44		SA 1507 0.49		SU 1556 0.63		MO 1539 0.30		TU 1615 0.67		TH 1703 0.23		FR 1645 0.84	
2050 2.82		2133 3.21		2149 3.21		● 2241 3.15		○ 2226 3.48		● 2249 3.03		2334 3.47		2301 2.79	
4 0252 1.07		19 0340 1.05		4 0401 1.11		19 0510 1.24		4 0448 0.90		19 0516 1.19		4 0603 0.69		19 0527 1.10	
0832 2.79		0912 2.55		0922 2.32		1019 2.00		1011 2.25		1034 2.02		1143 2.39		1106 2.12	
TH 1502 0.69		FR 1539 0.50		SU 1546 0.47		MO 1629 0.74		TU 1628 0.29		WE 1643 0.75		FR 1750 0.44		SA 1711 0.99	
2121 2.93		2213 3.22		○ 2232 3.29		2315 3.06		2313 3.50		2316 2.94				2323 2.66	
5 0327 1.11		20 0424 1.18		5 0452 1.12		20 0554 1.30		5 0542 0.88		20 0545 1.23		5 0019 3.25		20 0554 1.12	
0900 2.67		0948 2.32		1011 2.20		1057 1.91		1105 2.22		1106 1.98		0653 0.74		1142 2.08	
FR 1530 0.65		SA 1611 0.62		MO 1630 0.50		TU 1700 0.85		WE 1717 0.36		TH 1711 0.86		SA 1246 2.35		SU 1741 1.17	
2154 3.02		● 2252 3.16		2321 3.31		2348 2.94				2344 2.84		1842 0.74		2346 2.50	
6 0405 1.17		21 0511 1.31		6 0550 1.14		21 0644 1.36		6 0003 3.45		21 0616 1.27		6 0110 2.96		21 0625 1.13	
0930 2.52		1028 2.11		1108 2.09		1136 1.85		0639 0.89		1142 1.94		0751 0.79		1226 2.06	
SA 1601 0.64		SU 1643 0.77		TU 1720 0.59		WE 1733 0.98		TH 1204 2.18		FR 1740 1.00		SU 1406 2.35		MO 1818 1.37	
○ 2232 3.07		2332 3.06						1809 0.50				1945 1.07			
7 0449 1.25		22 0608 1.43		7 0017 3.28		22 0024 2.83		7 0058 3.33		22 0012 2.72		7 0212 2.64		22 0013 2.31	
1008 2.35		1109 1.93		0705 1.14		0748 1.39		0742 0.88		0653 1.29		0859 0.81		0703 1.14	
SU 1635 0.69		MO 1715 0.94		WE 1214 2.01		TH 1222 1.79		FR 1315 2.17		SA 1225 1.89		MO 1532 2.42		TU 1337 2.05	
2315 3.08				1816 0.71		1809 1.12		1904 0.70		1812 1.16		2118 1.32		1917 1.57	
8 0541 1.35		23 0015 2.92		8 0123 3.22		23 0104 2.71		8 0157 3.16		23 0043 2.59		8 0330 2.35		23 0048 2.11	
1056 2.16		0757 1.48		0830 1.08		0854 1.38		0847 0.84		0738 1.29		1010 0.80		0800 1.15	
MO 1716 0.78		TU 1157 1.78		TH 1336 2.00		FR 1323 1.75		SA 1434 2.21		SU 1323 1.87		TU 1700 2.59		WE 1545 2.15	
		1750 1.12		1921 0.85		1851 1.27		2010 0.94		1852 1.35		● 2313 1.36		2148 1.66	
9 0012 3.04		24 0106 2.78		9 0233 3.17		24 0154 2.60		9 0300 2.96		24 0119 2.43		9 0455 2.18		24 0212 1.89	
0654 1.42		0916 1.45		0938 0.96		0949 1.33		0950 0.77		0837 1.26		1115 0.75		0930 1.11	
TU 1159 1.98		WE 1306 1.68		FR 1504 2.08		SA 1455 1.77		SU 1554 2.33		MO 1458 1.91		WE 1816 2.80		TH 1712 2.39	
1809 0.92		1834 1.29		2035 0.97		1949 1.42		2130 1.15		1956 1.54				● 2343 1.49	
10 0130 3.00		25 0215 2.67		10 0340 3.12		25 0255 2.51		10 0403 2.77		25 0210 2.27		10 0044 1.22		25 0445 1.85	
0904 1.35		1021 1.38		1036 0.82		1033 1.23		1049 0.69		0945 1.17		0611 2.11		1053 0.97	
WE 1334 1.88		TH 1508 1.68		SA 1621 2.24		SU 1622 1.88		MO 1714 2.52		TU 1634 2.06		TH 1214 0.69		FR 1814 2.69	
1921 1.06		1948 1.44		2156 1.06		2121 1.53		● 2301 1.25		2159 1.64		1914 2.99			
11 0300 3.02		26 0328 2.61		11 0442 3.06		26 0357 2.45		11 0509 2.59		26 0335 2.14		11 0145 1.06		26 0045 1.24	
1018 1.17		1111 1.29		1128 0.69		1111 1.12		1143 0.61		1040 1.04		0708 2.11		0559 1.97	
TH 1529 1.95		FR 1634 1.80		SU 1731 2.46		MO 1731 2.07		TU 1825 2.75		WE 1746 2.31		FR 1304 0.63		SA 1157 0.78	
2055 1.12		2133 1.50		● 2315 1.09		● 2252 1.55				● 2336 1.55		1957 3.10		1901 2.98	
12 0415 3.11		27 0430 2.62		12 0537 2.97		27 0450 2.41		12 0024 1.23		27 0457 2.09		12 0229 0.96		27 0130 1.01	
1115 0.96		1146 1.18		1214 0.57		1145 0.98		0610 2.44		1129 0.89		0749 2.13		0651 2.14	
FR 1649 2.16		SA 1737 1.97		MO 1833 2.69		TU 1824 2.30		WE 1232 0.55		TH 1839 2.59		SA 1347 0.60		SU 1253 0.56	
2224 1.08		2249 1.48				2359 1.48		1923 2.96				2032 3.14		1944 3.24	
13 0517 3.20		28 0519 2.65		13 0023 1.09		28 0538 2.38		13 0130 1.16		28 0043 1.38		13 0301 0.92		28 0209 0.81	
1203 0.78		1215 1.07		0626 2.85		1217 0.84		0703 2.32		0601 2.10		0821 2.15		0734 2.30	
SA 1753 2.41		SU 1822 2.16		TU 1256 0.49		WE 1906 2.55		TH 1317 0.52		FR 1217 0.73		SU 1424 0.58		MO 1344 0.34	
● 2337 0.99		● 2348 1.41		1926 2.90				2010 3.11		1923 2.87		2102 3.13		2023 3.45	
14 0609 3.25		29 0559 2.68		14 0120 1.08		29 0052 1.38		14 0224 1.09		29 0134 1.19		14 0328 0.94		29 0246 0.65	
1245 0.63		1241 0.96		0709 2.69		0622 2.35		0748 2.23		0654 2.15		0848 2.17		0815 2.46	
SU 1845 2.64		MO 1859 2.36		WE 1334 0.45		TH 1251 0.71		FR 1359 0.51		SA 1306 0.56		MO 1457 0.57		TU 1430 0.17	
				2013 3.07		1944 2.79		2049 3.18		2003 3.13		2128 3.10		2101 3.57	
15 0036 0.90		30 0035 1.33		15 0211 1.08		30 0140 1.26		15 0308 1.05		30 0220 1.01		15 0351 0.98		30 0325 0.54	
0652 3.22		0631 2.68		0748 2.52		0704 2.32		0826 2.16		0741 2.23		0914 2.18		0857 2.57	
MO 1322 0.52		TU 1306 0.85		TH 1412 0.44		FR 1328 0.57		SA 1437 0.53		SU 1354 0.39		TU 1526 0.59		WE 1515 0.09	
1930 2.85		1931 2.55		2054 3.17		2021 3.02		2123 3.20		2044 3.36		2153 3.05		2140 3.60	
		31 0116 1.26								31 0303 0.85				31 0404 0.48	
		0700 2.65								MO 1443 0.24				TH 1559 0.13	
		WE 1332 0.74								2125 3.52				○ 2218 3.50	
		2003 2.74													

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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

