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CARDWELL – QUEENSLAND

LAT 18° 15' S LONG 146° 2' 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
1 0039	0.70	16 0615	2.71	1 0142	0.76	16 0051	0.74	1 0053	1.05	16 0618	3.26	1 0126	1.09	16 0100	0.70
0704	3.05	1203	1.61	0818	3.39	0720	3.48	0725	3.31	1238	1.28	0750	3.32	0720	3.74
TU 1305	1.26	WE 1800	2.67	FR 1424	1.24	SA 1328	1.16	FR 1337	1.22	SA 1826	2.69	MO 1400	1.06	TU 1333	0.62
1850	2.87			2000	2.71	1918	2.90	1917	2.67			1956	2.87	1940	3.26
2 0115	0.62	17 0030	0.86	2 0211	0.73	17 0132	0.47	2 0127	0.96	17 0035	0.84	2 0147	1.02	17 0140	0.55
0748	3.22	0654	3.03	0849	3.43	0802	3.78	0757	3.39	0701	3.58	0814	3.33	0759	3.81
WE 1349	1.24	TH 1250	1.42	SA 1452	1.24	SU 1408	0.93	SA 1405	1.17	SU 1315	1.01	TU 1419	1.04	WE 1407	0.47
1930	2.80	1844	2.77	2031	2.72	2002	3.09	1949	2.76	1910	2.97	2021	2.95	2021	3.46
3 0147	0.58	18 0106	0.63	3 0234	0.72	18 0213	0.26	3 0154	0.89	18 0117	0.56	3 0204	0.98	18 0218	0.50
0827	3.32	0734	3.34	0917	3.42	0845	4.00	0825	3.43	0743	3.84	0833	3.32	0835	3.77
TH 1427	1.24	FR 1334	1.22	SU 1516	1.26	MO 1447	0.76	SU 1430	1.15	MO 1352	0.77	WE 1436	1.01	TH 1441	0.40
2005	2.73	1926	2.87	2100	2.72	2046	3.24	2017	2.83	1952	3.22	2045	3.02	2102	3.56
4 0215	0.58	19 0145	0.41	4 0253	0.74	19 0252	0.14	4 0215	0.86	19 0157	0.35	4 0223	0.96	19 0257	0.59
0901	3.36	0816	3.61	0943	3.39	0926	4.11	0850	3.43	0823	4.01	0852	3.29	0913	3.62
FR 1500	1.26	SA 1417	1.05	MO 1538	1.30	TU 1527	0.68	MO 1450	1.15	TU 1429	0.59	TH 1454	0.98	FR 1515	0.43
2038	2.65	2010	2.96	2126	2.70	2130	3.31	2044	2.88	2034	3.41	2108	3.07	○ 2144	3.56
5 0241	0.61	20 0224	0.25	5 0309	0.78	20 0331	0.17	5 0232	0.84	20 0235	0.26	5 0245	0.98	20 0337	0.80
0933	3.35	0859	3.83	1004	3.32	1007	4.08	0911	3.41	0901	4.05	0914	3.22	0950	3.35
SA 1531	1.31	SU 1500	0.93	TU 1558	1.36	WE 1608	0.71	TU 1508	1.17	WE 1504	0.51	FR 1515	0.97	SA 1549	0.56
2110	2.57	2054	3.02	● 2149	2.65	○ 2215	3.29	2106	2.90	2115	3.52	● 2134	3.09	2226	3.45
6 0303	0.68	21 0304	0.16	6 0325	0.85	21 0412	0.35	6 0247	0.85	21 0314	0.31	6 0312	1.06	21 0421	1.10
1003	3.29	0943	3.95	1024	3.24	1048	3.90	0930	3.36	0940	3.96	0937	3.12	1028	3.00
SU 1602	1.39	MO 1545	0.88	WE 1620	1.43	TH 1649	0.83	WE 1525	1.18	TH 1541	0.53	SA 1537	0.99	SU 1624	0.78
● 2139	2.48	○ 2141	3.02	2215	2.59	2300	3.16	2129	2.91	○ 2158	3.51	2204	3.08	2311	3.24
7 0321	0.77	22 0346	0.19	7 0345	0.96	22 0455	0.68	7 0305	0.89	22 0353	0.52	7 0341	1.20	22 0514	1.45
1031	3.20	1028	3.95	1046	3.13	1131	3.58	0948	3.29	1018	3.72	1003	2.96	1107	2.61
MO 1631	1.49	TU 1631	0.92	TH 1647	1.51	FR 1735	1.02	TH 1545	1.21	FR 1618	0.66	SU 1600	1.05	MO 1656	1.05
2207	2.38	2229	2.95	2244	2.50	2351	2.94	● 2154	2.88	2242	3.38	2239	3.01		
8 0336	0.88	23 0430	0.35	8 0407	1.12	23 0545	1.10	8 0328	0.98	23 0434	0.87	8 0414	1.39	23 0001	2.99
1057	3.09	1115	3.83	1113	3.00	1216	3.19	1011	3.19	1058	3.36	1032	2.75	0632	1.75
TU 1701	1.59	WE 1721	1.03	FR 1720	1.60	SA 1829	1.25	FR 1609	1.26	SA 1657	0.88	MO 1621	1.15	TU 1151	2.24
2236	2.27	2320	2.82	2319	2.39			2222	2.82	2329	3.15	2320	2.90	1726	1.32
9 0357	1.01	24 0517	0.62	9 0428	1.32	24 0052	2.70	9 0352	1.13	24 0523	1.29	9 0457	1.63	24 0109	2.76
1123	2.96	1204	3.60	1143	2.83	0656	1.54	1035	3.04	1138	2.93	1103	2.51	0941	1.78
WE 1739	1.69	TH 1817	1.18	SA 1802	1.68	SU 1310	2.77	SA 1634	1.34	SU 1737	1.15	TU 1646	1.29	WE 1257	1.95
2311	2.16			1941	1.44			2255	2.73					1845	1.57
10 0421	1.18	25 0016	2.63	10 0004	2.27	25 0220	2.52	10 0415	1.34	25 0023	2.88	10 0013	2.76	25 0314	2.67
1155	2.83	0614	0.98	0449	1.54	0902	1.81	1101	2.85	0637	1.70	0608	1.87	1057	1.56
TH 1835	1.77	FR 1258	3.30	SU 1217	2.65	MO 1431	2.43	SU 1658	1.43	MO 1224	2.50	WE 1150	2.26	TH 1558	1.88
2357	2.04	1926	1.31	1909	1.73	2140	1.49	2335	2.61	1830	1.42	1741	1.46	2100	1.69
11 0446	1.37	26 0126	2.46	11 0111	2.17	26 0443	2.63	11 0443	1.58	26 0143	2.66	11 0134	2.66	26 0448	2.79
1235	2.70	0728	1.35	0525	1.80	1114	1.71	1130	2.64	0929	1.87	0948	1.94	1139	1.37
FR 2034	1.78	SA 1401	2.98	MO 1302	2.47	TU 1637	2.34	MO 1727	1.53	TU 1335	2.14	TH 1324	2.05	FR 1724	2.09
		2057	1.35	2049	1.70	● 2317	1.36			2010	1.62	2011	1.56	2245	1.62
12 0100	1.94	27 0300	2.40	12 0304	2.19	27 0603	2.92	12 0030	2.48	27 0416	2.68	12 0346	2.76	27 0537	2.92
0519	1.59	0912	1.61	0841	2.00	1219	1.50	0529	1.85	1116	1.65	1108	1.66	1212	1.23
SA 1330	2.58	SU 1524	2.75	TU 1431	2.33	WE 1753	2.44	TU 1204	2.41	WE 1632	2.07	FR 1607	2.10	SA 1801	2.30
2234	1.65	2233	1.25	2228	1.53			1838	1.64	2234	1.59	2212	1.44	● 2342	1.50
13 0237	1.94	28 0453	2.57	13 0459	2.45	28 0013	1.19	13 0159	2.41	28 0536	2.91	13 0503	3.04	28 0614	3.02
0734	1.80	1102	1.62	1059	1.90	0648	3.16	0826	2.05	1207	1.42	1146	1.38	1241	1.12
SU 1449	2.50	MO 1649	2.66	WE 1640	2.36	TH 1303	1.33	WE 1323	2.20	TH 1746	2.27	SA 1724	2.38	SU 1832	2.49
2302	1.49	● 2340	1.08	● 2323	1.30	1841	2.56	2105	1.63	● 2343	1.43	● 2324	1.20		
14 0440	2.12	29 0611	2.86	14 0553	2.79	14 1200	1.68	14 0421	2.58	29 0619	3.09	14 0555	3.33	29 0020	1.38
0942	1.85	1217	1.49	1200	1.68	TH 1744	2.51	1113	1.86	1243	1.26	1223	1.09	0644	3.09
MO 1616	2.51	TU 1756	2.65					TH 1620	2.19	FR 1827	2.46	SU 1814	2.70	MO 1306	1.05
● 2328	1.30							● 2248	1.43					1901	2.65
15 0534	2.40	30 0029	0.93	15 0009	1.02	15 0637	3.14	15 0530	2.91	30 0026	1.29	15 0015	0.93	30 0050	1.29
1107	1.76	0702	3.12	0637	3.14	FR 1245	1.42	1159	1.58	0654	3.21	0639	3.57	0709	3.12
TU 1714	2.57	WE 1310	1.37	FR 1245	1.42	1833	2.70	FR 1735	2.41	SA 1312	1.15	MO 1259	0.84	TU 1328	1.00
2357	1.09	1845	2.67					2347	1.15	1900	2.62	1858	3.00	1930	2.79
		31 0109	0.83					31 0100	1.17						
		0744	3.29					0724	3.29						
		TH 1350	1.28					SU 1338	1.09						
		1926	2.69					1929	2.76						

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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

CARDWELL – QUEENSLAND

LAT 18° 15' S LONG 146° 2' 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
1	0114 1.21	16	0128 0.82	1	0143 1.24	16	0252 1.09	1	0212 1.18	16	0330 1.13	1	0327 0.79	16	0356 1.14
	0732 3.14		0735 3.43		0746 2.87		0836 2.75		0802 2.68		0907 2.48		0921 2.81		0949 2.47
WE	1346 0.94	TH	1347 0.44	SA	1400 0.66	SU	1443 0.49	MO	1415 0.46	TU	1508 0.62	TH	1527 0.17	FR	1523 0.79
	1956 2.92		2013 3.38		2031 3.17		2132 3.40		2056 3.41		2200 3.31	●	2208 3.79		2221 3.08
2	0135 1.15	17	0208 0.81	2	0217 1.18	17	0332 1.16	2	0254 1.08	17	0401 1.19	2	0410 0.76	17	0415 1.21
	0754 3.13		0813 3.33		0818 2.83		0915 2.60		0843 2.68		0942 2.40		1008 2.81		1015 2.40
TH	1404 0.87	FR	1420 0.39	SU	1429 0.58	MO	1516 0.58	TU	1454 0.38	WE	1534 0.71	FR	1610 0.24	SA	1540 0.90
	2022 3.04		2054 3.48		2106 3.30	○	2211 3.35		2137 3.54	○	2231 3.22		2251 3.74		2239 2.96
3	0200 1.11	18	0248 0.89	3	0257 1.16	18	0415 1.27	3	0337 1.03	18	0433 1.28	3	0455 0.81	18	0437 1.29
	0817 3.11		0849 3.16		0852 2.77		0953 2.43		0928 2.65		1015 2.31		1058 2.75		1043 2.32
FR	1425 0.80	SA	1454 0.43	MO	1500 0.55	TU	1548 0.72	WE	1536 0.37	TH	1554 0.82	SA	1657 0.44	SU	1601 1.05
	2048 3.14		2134 3.49	●	2144 3.38		2249 3.23	●	2221 3.60		2259 3.09		2336 3.56		2300 2.81
4	0229 1.10	19	0330 1.05	4	0339 1.19	19	0459 1.40	4	0425 1.04	19	0504 1.38	4	0546 0.93	19	0505 1.38
	0842 3.05		0928 2.92		0931 2.66		1032 2.25		1016 2.59		1046 2.21		1152 2.63		1116 2.22
SA	1448 0.75	SU	1528 0.55	TU	1536 0.59	WE	1615 0.89	TH	1622 0.44	FR	1610 0.96	SU	1748 0.74	MO	1624 1.25
	2118 3.22	○	2216 3.41		2226 3.40		2326 3.07		2308 3.57		2323 2.94				2326 2.64
5	0300 1.14	20	0416 1.25	5	0427 1.27	20	0551 1.53	5	0516 1.10	20	0536 1.49	5	0025 3.28	20	0543 1.47
	0910 2.95		1006 2.64		1016 2.51		1113 2.09		1110 2.49		1120 2.11		0646 1.06		1201 2.12
SU	1514 0.75	MO	1600 0.74	WE	1617 0.69	TH	1634 1.07	FR	1712 0.59	SA	1631 1.11	MO	1255 2.48	TU	1644 1.47
●	2152 3.25		2300 3.25		2314 3.34				2359 3.45		2348 2.79		1853 1.10		2354 2.44
6	0337 1.24	21	0509 1.48	6	0524 1.38	21	0002 2.90	6	0617 1.18	21	0620 1.58	6	0121 2.94	21	0642 1.54
	0941 2.80		1046 2.35		1110 2.35		0705 1.62		1210 2.38		1200 2.01		0803 1.14		1302 2.03
MO	1540 0.80	TU	1630 0.97	TH	1710 0.84	FR	1158 1.96	SA	1810 0.81	SU	1700 1.30	TU	1415 2.39	WE	1709 1.71
	2230 3.22		2345 3.04				1700 1.25						2022 1.41		
7	0420 1.39	22	0623 1.67	7	0009 3.23	22	0043 2.73	7	0056 3.27	22	0018 2.63	7	0235 2.63	22	0028 2.25
	1017 2.60		1131 2.09		0638 1.47		0912 1.61		0731 1.23		0732 1.62		0938 1.12		0819 1.54
TU	1610 0.91	WE	1649 1.20	FR	1215 2.19	SA	1254 1.86	SU	1319 2.29	MO	1255 1.93	WE	1558 2.46	TH	1439 2.04
	2315 3.13				1817 1.02		1747 1.43		1917 1.06		1735 1.50		2221 1.50		2013 1.91
8	0515 1.57	23	0037 2.84	8	0117 3.12	23	0133 2.60	8	0201 3.07	23	0058 2.47	8	0409 2.45	23	0129 2.06
	1102 2.37		0859 1.69		0818 1.44		1015 1.51		0859 1.18		0953 1.56		1059 0.99		1003 1.42
WE	1651 1.08	TH	1230 1.89	SA	1337 2.12	SU	1409 1.83	MO	1442 2.29	TU	1410 1.90	TH	1732 2.71	FR	1647 2.25
			1719 1.42		1940 1.18		1912 1.60		2040 1.28		1857 1.71	●	2354 1.38		2313 1.82
9	0010 3.00	24	0150 2.68	9	0238 3.06	24	0249 2.51	9	0316 2.91	24	0155 2.33	9	0529 2.42	24	0418 2.02
	0635 1.73		1017 1.55		0952 1.28		1058 1.40		1017 1.05		1038 1.44		1157 0.84		1100 1.22
TH	1205 2.15	FR	1359 1.80	SU	1511 2.19	MO	1604 1.92	TU	1613 2.41	WE	1606 2.00	FR	1837 2.97	SA	1739 2.55
	1802 1.27		1920 1.60		2106 1.27		2044 1.70	●	2215 1.38		2102 1.83			●	
10	0128 2.90	25	0331 2.64	10	0355 3.07	25	0411 2.50	10	0430 2.81	25	0335 2.25	10	0054 1.21	25	0000 1.60
	0915 1.70		1102 1.40		1051 1.07		1129 1.28		1117 0.89		1108 1.29		0627 2.45		0530 2.16
FR	1341 2.02	SA	1625 1.90	MO	1635 2.39	TU	1717 2.10	WE	1732 2.65	TH	1723 2.23	SA	1245 0.73	SU	1144 1.00
	1955 1.39		2103 1.67	●	2231 1.26	●	2216 1.72		2341 1.34	●	2258 1.79		1925 3.17		1819 2.85
11	0312 2.93	26	0441 2.70	11	0459 3.10	26	0502 2.53	11	0534 2.75	26	0456 2.27	11	0138 1.08	26	0037 1.36
	1037 1.44		1137 1.28		1139 0.87		1154 1.16		1208 0.74		1137 1.12		0712 2.49		0615 2.34
SA	1542 2.11	SU	1722 2.10	TU	1742 2.65	WE	1758 2.31	TH	1837 2.90	FR	1803 2.49	SU	1324 0.66	MO	1226 0.75
	2137 1.35		2230 1.64		2342 1.19		2325 1.66				2359 1.65		2005 3.29		1900 3.16
12	0430 3.10	27	0524 2.77	12	0551 3.11	27	0540 2.56	12	0046 1.25	27	0545 2.34	12	0215 1.01	27	0114 1.11
	1122 1.18		1206 1.17		1221 0.70		1216 1.03		0628 2.70		1210 0.93		0750 2.51		0659 2.55
SU	1701 2.38	MO	1800 2.29	WE	1837 2.90	TH	1831 2.53	FR	1252 0.64	SA	1842 2.77	MO	1358 0.62	TU	1307 0.50
●	2257 1.21	●	2328 1.57						1930 3.11				2039 3.33		1942 3.45
13	0528 3.28	28	0557 2.82	13	0039 1.11	28	0012 1.56	13	0137 1.16	28	0044 1.46	13	0245 1.00	28	0151 0.86
	1201 0.94		1231 1.08		0637 3.08		0615 2.59		0714 2.65		0628 2.43		0824 2.53		0741 2.75
MO	1757 2.68	TU	1831 2.48	TH	1300 0.57	FR	1240 0.89	SA	1331 0.57	SU	1245 0.73	TU	1427 0.62	WE	1348 0.28
	2356 1.04				1927 3.12		1905 2.76		2014 3.26		1921 3.05		2110 3.33		2023 3.69
14	0615 3.40	29	0008 1.48	14	0128 1.07	29	0052 1.44	14	0219 1.11	29	0124 1.26	14	0312 1.02	29	0229 0.66
	1239 0.73		0626 2.86		0719 3.00		0648 2.63		0754 2.60		0710 2.54		0855 2.53		0824 2.93
TU	1845 2.96	WE	1253 0.99	FR	1335 0.49	SA	1308 0.73	SU	1406 0.55	MO	1324 0.53	WE	1451 0.65	TH	1428 0.13
			1900 2.66		2012 3.28		1940 2.99		2053 3.34		2001 3.32		2137 3.28		2103 3.84
15	0045 0.90	30	0040 1.40	15	0211 1.06	30	0131 1.31	15	0256 1.10	30	0204 1.06	15	0335 1.07	30	0306 0.53
	0657 3.46		0652 2.88		0758 2.89		0724 2.66		0831 2.54		0752 2.65		0923 2.51		0907 3.05
WE	1315 0.56	TH	1313 0.88	SA	1409 0.47	SU	1340 0.58	MO	1438 0.56	TU	1403 0.35	TH	1509 0.71	FR	1508 0.10
	1930 3.20		1930 2.83		2053 3.38		2016 3.21		2128 3.36		2043 3.55	○	2200 3.19	●	2144 3.87
		31	0110 1.32					31	0245 0.90					31	0345 0.50
			0718 2.88						0835 2.75						0952 3.08
		FR	1334 0.77					WE	1445 0.22					SA	1550 0.21
			2000 3.01						2125 3.72						2225 3.75

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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

