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LAT 17° 18' S LONG 123° 36' 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
1	0508 10.26	16	0523 10.95	1	0025 2.35	16	0053 1.78	1	0004 1.68	16	0030 1.44	1	0026 2.50	16	0104 3.35
	1200 2.35		1217 1.62		0548 10.28		0622 10.32		0523 10.60		0557 10.37		0544 9.87		0645 8.72
WE	1733 10.09	TH	1751 10.77	SA	1236 2.28	SU	1301 2.24	SU	1212 1.99	MO	1234 2.28	WE	1223 3.22	TH	1308 4.40
					1806 10.43	☾	1837 10.66		1733 10.85	☾	1804 10.76	☾	1749 10.34		1900 8.69
2	0011 3.10	17	0035 2.19	2	0053 2.65	17	0128 2.46	2	0029 2.11	17	0059 2.33	2	0049 3.03	17	0150 4.33
	0538 9.98		0603 10.56		0617 9.83		0700 9.60		0545 10.21		0628 9.61		0619 9.27		0812 7.84
TH	1228 2.63	FR	1251 2.03	SU	1301 2.82	MO	1333 3.07	MO	1232 2.59	TU	1301 3.21	TH	1250 3.85	FR	1422 5.38
	1803 9.93	☾	1830 10.57	☾	1834 10.06		1916 10.01		1753 10.56		1835 9.97		1831 9.57		2122 7.80
3	0042 3.29	18	0114 2.48	3	0122 3.11	18	0209 3.25	3	0051 2.63	18	0130 3.28	3	0131 3.76	18	0433 4.83
	0613 9.60		0646 10.07		0652 9.21		0755 8.73		0611 9.72		0710 8.69		0723 8.30		1109 8.08
FR	1259 2.99	SA	1328 2.52	MO	1330 3.51	TU	1417 4.02	TU	1252 3.23	WE	1334 4.25	FR	1349 4.76	SA	1808 4.74
☾	1840 9.64		1913 10.29		1910 9.53		2023 9.15	☾	1820 10.12		1928 8.87		1958 8.45		2345 8.58
4	0117 3.58	19	0158 2.85	4	0159 3.68	19	0325 4.05	4	0117 3.22	19	0223 4.31	4	0309 4.55	19	0640 3.73
	0656 9.05		0739 9.47		0743 8.43		0950 8.05		0648 8.98		0853 7.73		1018 7.91		1226 9.23
SA	1334 3.50	SU	1411 3.12	TU	1411 4.30	WE	1602 4.82	WE	1320 4.00	TH	1505 5.31	SA	1635 5.08	SU	1911 3.32
	1926 9.22		2009 9.89		2010 8.86		2237 8.72		1903 9.32		2210 8.06		2309 8.61		
5	0200 3.95	20	0257 3.30	5	0303 4.31	20	0601 3.94	5	0200 4.00	20	0538 4.54	5	0624 3.95	20	0045 9.64
	0753 8.43		0856 8.87		0941 7.80		1202 8.52		0757 7.95		1150 8.23		1210 9.10		0730 2.63
SU	1420 4.10	MO	1515 3.78	WE	1602 4.99	TH	1840 4.34	TH	1419 4.97	FR	1836 4.59	SU	1900 3.79	MO	1311 10.14
	2031 8.82		2134 9.52		2230 8.59				2037 8.31						1951 2.30
6	0306 4.30	21	0430 3.56	6	0548 4.11	21	0025 9.34	6	0425 4.64	21	0015 8.94	6	0030 9.80	21	0127 10.35
	0927 8.04		1038 8.69		1150 8.31		0728 2.82		1113 7.85		0713 3.20		0734 2.58		0807 1.99
MO	1543 4.57	TU	1656 4.14	TH	1815 4.55	FR	1317 9.59	FR	1721 5.09	SA	1300 9.50	MO	1307 10.25	TU	1344 10.66
	2211 8.80		2309 9.56				1951 3.21		2342 8.74		1939 3.13		1957 2.37		2026 1.71
7	0518 4.11	22	0626 3.11	7	0006 9.27	22	0129 10.17	7	0659 3.65	22	0115 10.01	7	0123 10.71	22	0159 10.70
	1115 8.36		1212 9.10		0718 3.05		0821 1.87		1244 9.04		0802 2.08		0821 1.62		0839 1.67
TU	1742 4.36	WE	1849 3.74	FR	1304 9.26	SA	1405 10.36	SA	1922 3.89	SU	1345 10.41	TU	1350 10.99	WE	1411 10.94
	2333 9.33				1935 3.63		2040 2.41				2022 2.16		2041 1.39		2056 1.36
8	0647 3.18	23	0030 9.95	8	0110 10.08	23	0214 10.69	8	0055 9.84	23	0157 10.67	8	0206 11.20	23	0227 10.87
	1226 9.08		0737 2.30		0815 2.09		0903 1.40		0800 2.38		0841 1.51		0901 1.10		0908 1.48
WE	1900 3.64	TH	1324 9.77	SA	1355 10.05	SU	1443 10.71	SU	1336 10.10	MO	1419 10.83	WE	1427 11.42	TH	1436 11.17
			1956 3.08		2030 2.84	☾	2118 2.05		2017 2.69		2057 1.71	☾	2120 0.75	☾	2126 1.06
9	0034 10.00	24	0132 10.41	9	0159 10.70	24	0249 10.88	9	0145 10.69	24	0229 10.91	9	0244 11.45	24	0254 10.98
	0742 2.25		0830 1.69		0901 1.46		0938 1.32		0845 1.49		0913 1.35		0937 0.82		0937 1.32
TH	1321 9.77	FR	1415 10.27	SU	1437 10.55	MO	1513 10.79	MO	1418 10.78	TU	1446 10.96	TH	1500 11.77	FR	1502 11.35
	1954 2.98		2046 2.63	☾	2115 2.26		2150 1.94		2101 1.82	☾	2127 1.52		2157 0.30		2156 0.82
10	0124 10.54	25	0220 10.71	10	0241 11.10	25	0318 10.91	10	0227 11.20	25	0256 10.98	10	0319 11.61	25	0322 11.01
	0830 1.59		0915 1.42		0943 1.08		1007 1.37		0925 0.98		0940 1.31		1011 0.64		1006 1.25
FR	1408 10.24	SA	1456 10.52	MO	1514 10.91	TU	1539 10.83	TU	1454 11.23	WE	1510 11.07	FR	1534 12.06	SA	1529 11.42
	2041 2.56	☾	2128 2.43		2156 1.79		2218 1.84	☾	2141 1.17		2154 1.33		2231 0.05		2227 0.76
11	0208 10.89	26	0259 10.82	11	0318 11.41	26	0344 10.94	11	0304 11.54	26	0320 11.05	11	0356 11.64	26	0349 10.91
	0913 1.26		0953 1.42		1021 0.82		1033 1.35		1001 0.64		1006 1.21		1043 0.65		1035 1.41
SA	1448 10.50	SU	1530 10.59	TU	1549 11.24	WE	1601 10.96	WE	1528 11.62	TH	1533 11.25	SA	1608 12.14	SU	1555 11.31
☾	2124 2.33		2203 2.38		2235 1.34		2245 1.65		2218 0.63		2221 1.08		2305 0.13		2256 0.99
12	0248 11.09	27	0330 10.83	12	0356 11.63	27	0408 11.01	12	0340 11.78	27	0345 11.13	12	0431 11.42	27	0415 10.67
	0954 1.14		1025 1.52		1057 0.64		1059 1.28		1036 0.41		1033 1.10		1114 0.98		1102 1.82
SU	1526 10.66	MO	1559 10.59	WE	1624 11.51	TH	1626 11.11	TH	1601 11.95	FR	1558 11.40	SU	1641 11.87	MO	1619 11.06
	2204 2.18		2234 2.36		2312 1.01		2312 1.47		2254 0.27		2249 0.92		2336 0.63		2323 1.49
13	0326 11.22	28	0400 10.80	13	0434 11.66	28	0434 11.02	13	0416 11.83	28	0412 11.10	13	0505 10.91	28	0440 10.34
	1032 1.12		1053 1.62		1130 0.65		1124 1.29		1108 0.40		1100 1.17		1143 1.65		1126 2.39
MO	1602 10.80	TU	1625 10.61	TH	1659 11.61	FR	1649 11.18	FR	1635 12.06	SA	1622 11.38	MO	1712 11.31	TU	1642 10.79
	2244 2.05		2303 2.31		2347 0.96		2338 1.45		2328 0.26		2316 1.02				2347 2.07
14	0404 11.28	29	0427 10.75	14	0512 11.42	29	0500 10.89	14	0452 11.58	29	0436 10.90	14	0006 1.46	29	0503 10.04
	1109 1.16		1119 1.68		1201 0.96		1148 1.51		1138 0.74		1125 1.52		0536 10.25		1146 2.92
TU	1638 10.90	WE	1649 10.67	FR	1733 11.45	SA	1713 11.08	SA	1707 11.85	SU	1645 11.19	TU	1210 2.52	WE	1705 10.55
	2321 1.97		2330 2.24						2359 0.68		2343 1.41		1739 10.60		
15	0444 11.20	30	0454 10.70	15	0020 1.24			15	0526 11.05	30	0459 10.57	15	0034 2.40	30	0010 2.57
	1144 1.32		1145 1.75		0547 10.94				1207 1.41		1147 2.09		0605 9.54		0531 9.75
WE	1715 10.89	TH	1715 10.71	SA	1231 1.53			SU	1737 11.38	MO	1703 10.92	WE	1236 3.43	TH	1208 3.33
	2359 2.01		2358 2.23		1805 11.12							☾	1808 9.77		1736 10.21
		31	0521 10.56					31	0006 1.97						
			1210 1.93						0519 10.23						
			FR 1740 10.65						TU 1206 2.70						
									1722 10.69						

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Datum of Predictions is Chart Datum

Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

DERBY – WESTERN AUSTRALIA

LAT 17° 18' S LONG 123° 36' 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
1	0145 10.14	16	0116 9.77	1	0202 10.81	16	0125 10.77	1	0222 11.09	16	0208 11.54	1	0220 11.11	16	0230 11.29
	0821 2.10		0758 2.59		0841 1.21		0818 1.31		0912 0.85		0914 0.37		0917 0.92		0936 0.89
TU	1358 10.53	WE	1329 10.35	TH	1415 10.91	FR	1345 11.00	SU	1443 10.92	MO	1439 11.10	TU	1452 10.68	WE	1510 10.69
	2046 1.21		2025 1.54		2057 1.12		2038 1.17		2121 1.40		2125 1.39		2126 1.88		2145 2.14
2	0226 10.59	17	0157 10.54	2	0231 10.92	17	0202 11.27	2	0247 11.24	17	0245 11.72	2	0250 11.13	17	0311 11.32
	0903 1.59		0842 1.63		0913 1.06		0859 0.59		0941 0.68		0951 0.26		0951 0.96		1015 1.01
WE	1436 10.78	TH	1408 10.95	FR	1444 10.94	SA	1422 11.30	MO	1510 10.93	TU	1517 11.12	WE	1522 10.58	TH	1549 10.70
☉	2124 1.07	☀	2104 0.97	☉	2126 1.17	☀	2115 0.87	☉	2150 1.37	☀	2200 1.41	☉	2158 2.05	☀	2223 2.22
3	0259 10.67	18	0232 10.98	3	0255 10.96	18	0237 11.59	3	0314 11.28	18	0322 11.75	3	0319 11.00	18	0350 11.19
	0938 1.47		0921 0.97		0941 0.98		0936 0.14		1011 0.67		1027 0.39		1023 1.24		1051 1.30
TH	1506 10.79	FR	1445 11.29	SA	1508 10.94	SU	1458 11.45	TU	1537 10.82	WE	1555 11.00	TH	1550 10.39	FR	1628 10.58
	2155 1.16		2142 0.65		2152 1.17		2150 0.73		2219 1.52		2234 1.63		2229 2.36		2259 2.45
4	0325 10.65	19	0305 11.31	4	0318 11.06	19	0310 11.83	4	0340 11.15	19	0400 11.53	4	0347 10.80	19	0430 10.88
	1007 1.44		0959 0.45		1007 0.84		1012 -0.10		1040 0.92		1100 0.83		1054 1.65		1125 1.73
FR	1532 10.76	SA	1519 11.50	SU	1533 10.95	MO	1534 11.47	WE	1603 10.56	TH	1632 10.68	FR	1617 10.18	SA	1703 10.33
	2221 1.23		2216 0.45		2218 1.12		2224 0.74		2246 1.91		2307 2.10		2258 2.73		2334 2.79
5	0348 10.71	20	0338 11.60	5	0342 11.16	20	0345 11.92	5	0403 10.87	20	0436 11.02	5	0415 10.58	20	0506 10.43
	1033 1.33		1034 0.09		1035 0.73		1046 -0.04		1108 1.41		1133 1.54		1122 2.10		1158 2.22
SA	1558 10.78	SU	1555 11.55	MO	1559 10.89	TU	1610 11.28	TH	1627 10.22	FR	1709 10.18	SA	1645 9.99	SU	1737 10.04
	2246 1.20		2249 0.41		2245 1.19		2255 1.02		2312 2.46		2339 2.77		2326 3.07		
6	0413 10.82	21	0412 11.72	6	0407 11.11	21	0418 11.69	6	0426 10.55	21	0511 10.35	6	0445 10.35	21	0010 3.18
	1100 1.19		1108 0.03		1102 0.85		1118 0.43		1132 2.02		1205 2.36		1150 2.50		0543 9.94
SU	1623 10.75	MO	1630 11.35	TU	1623 10.67	WE	1645 10.82	FR	1649 9.90	SA	1744 9.62	SU	1717 9.81	MO	1230 2.70
	2312 1.22		2320 0.69		2311 1.53		2326 1.63		2332 3.01				2356 3.35		1812 9.74
7	0436 10.85	22	0445 11.55	7	0430 10.88	22	0451 11.16	7	0448 10.26	22	0013 3.49	7	0521 10.08	22	0046 3.54
	1127 1.19		1141 0.40		1129 1.26		1149 1.25		1154 2.58		0546 9.61		1221 2.82		0621 9.44
MO	1648 10.59	TU	1704 10.86	WE	1645 10.31	TH	1718 10.17	SA	1715 9.61	SU	1239 3.14	MO	1757 9.63	TU	1305 3.16
	2337 1.43		2349 1.32		2334 2.10		2354 2.47		2353 3.44		☉ 1824 9.08				☉ 1852 9.42
8	0500 10.72	23	0515 11.10	8	0448 10.55	23	0520 10.43	8	0515 9.94	23	0051 4.16	8	0034 3.57	23	0128 3.88
	1152 1.43		1211 1.15		1152 1.86		1218 2.23		1218 3.04		0634 8.84		0607 9.69		0710 8.88
TU	1712 10.28	WE	1736 10.18	TH	1705 9.93	FR	1749 9.45	SU	1749 9.24	MO	1321 3.85	TU	1301 3.12	WE	1346 3.66
					2353 2.75	☉		☉			1922 8.55	☉	1849 9.41		1944 9.04
9	0000 1.91	24	0017 2.16	9	0505 10.24	24	0023 3.38	9	0023 3.86	24	0152 4.73	9	0127 3.77	24	0221 4.22
	0519 10.45		0543 10.50		1212 2.48		0550 9.61		0557 9.38		0752 8.10		0712 9.23		0816 8.31
WE	1216 1.90	TH	1241 2.07	FR	1726 9.55	SA	1249 3.20	MO	1257 3.54	TU	1435 4.42	WE	1357 3.44	TH	1443 4.19
	1732 9.88	☉	1806 9.45				1828 8.69		1846 8.68		2059 8.26		2000 9.26		2059 8.74
10	0021 2.54	25	0044 3.06	10	0009 3.33	25	0056 4.28	10	0119 4.39	25	0400 4.77	10	0240 3.85	25	0347 4.39
	0537 10.12		0611 9.77		0527 9.89		0636 8.60		0712 8.58		1009 8.02		0840 8.91		1002 8.10
TH	1239 2.48	FR	1311 3.01	SA	1232 3.05	SU	1332 4.15	TU	1406 4.11	WE	1635 4.41	TH	1514 3.66	FR	1612 4.50
☉	1754 9.39		1844 8.62	☉	1756 9.03		1945 7.89		2031 8.29		2252 8.72		2134 9.40		2234 8.85
11	0040 3.21	26	0115 4.01	11	0030 3.90	26	0205 5.16	11	0308 4.66	26	0555 3.92	11	0415 3.60	26	0546 3.96
	0559 9.67		0655 8.76		0602 9.23		0836 7.65		0929 8.30		1136 8.75		1024 9.11		1130 8.50
FR	1301 3.11	SA	1356 4.02	SU	1306 3.73	MO	1546 4.75	WE	1606 4.13	TH	1815 3.73	FR	1645 3.61	SA	1801 4.21
	1825 8.72		2008 7.67		1847 8.18		2230 7.92		2241 8.91		2357 9.47		2300 9.95		2343 9.34
12	0103 3.95	27	0223 5.03	12	0121 4.69	27	0531 4.70	12	0525 3.90	27	0652 2.88	12	0607 2.89	27	0650 3.12
	0634 8.94		0912 7.74		0710 8.15		1121 8.28		1121 9.20		1230 9.49		1143 9.65		1231 9.13
SA	1336 3.88	SU	1636 4.57	MO	1417 4.55	TU	1812 3.85	TH	1815 3.37	FR	1906 3.02	SA	1830 3.19	SU	1902 3.58
	1919 7.75		2313 7.89		2117 7.49				2353 9.97						
13	0151 4.84	28	0602 4.59	13	0352 5.22	28	0001 9.06	13	0658 2.53	28	0041 10.11	13	0004 10.53	28	0035 9.92
	0744 7.87		1151 8.54		1042 7.92		0649 3.19		1225 10.14		0733 2.08		0717 1.95		0737 2.31
SU	1502 4.71	MO	1848 3.32	TU	1736 4.29	WE	1228 9.45	FR	1920 2.40	SA	1312 10.05	SU	1246 10.12	MO	1320 9.73
	2248 7.32				2345 8.62		1909 2.67				1945 2.50		1933 2.65		1947 2.99
14	0452 5.19	29	0037 9.23	14	0634 3.97	29	0051 10.07	14	0045 10.79	29	0116 10.59	14	0059 10.93	29	0120 10.43
	1128 8.05		0717 2.96		1209 9.26		0733 2.03		0749 1.41		0809 1.51		0809 1.29		0819 1.70
MO	1835 3.91	TU	1257 9.79	WE	1909 2.89	TH	1313 10.28	SA	1315 10.72	SU	1346 10.42	MO	1341 10.42	TU	1402 10.16
			1942 2.01				1949 1.93		2007 1.79		2019 2.14		2022 2.32		2029 2.59
15	0026 8.59	30	0126 10.30	15	0042 9.89	30	0128 10.65	15	0130 11.27	30	0148 10.93	15	0146 11.16	30	0200 10.74
	0702 3.92		0803 1.77		0733 2.43		0810 1.38		0833 0.72		0844 1.11		0855 0.96		0859 1.38
TU	1240 9.33	WE	1341 10.61	TH	1301 10.36	FR	1346 10.68	SU	1359 10.99	MO	1419 10.63	TU	1428 10.59	WE	1440 10.37
	1939 2.54		2023 1.30		1957 1.79		2023 1.63	☉	2047 1.50	☉	2053 1.92	☉	2105 2.17	☉	2108 2.44
				31	0156 10.92									31	0236 10.85
					0842 1.06										0937 1.34
					SA 1415 10.84										TH 1514 10.40
					☉ 2053 1.50										2145 2.46

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Datum of Predictions is Chart Datum

Times are in local standard time (Time Zone UTC +08:00)

Moon Phase Symbols

☉ New Moon

☽ First Quarter

☽ Full Moon

☾ Last Quarter