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MELBOURNE (WILLIAMSTOWN) – VICTORIA

LAT 37° 52' LONG 144° 55'

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 0210 0.26		16 0202 0.24		1 0254 0.33		16 0317 0.34		1 0233 0.35		16 0307 0.37		1 0317 0.44		16 0322 0.44	
0834 0.93		0816 0.93		0900 0.90		0908 0.93		0823 0.89		0845 0.93		0853 0.87		0904 0.87	
FR 1456 0.35		SA 1448 0.30		MO 1537 0.27		TU 1601 0.20		TU 1505 0.24		WE 1538 0.19		FR 1544 0.24		SA 1538 0.29	
2038 0.82		2030 0.86		☾ 2139 0.80		2210 0.86		2113 0.85		☾ 2157 0.90		☾ 2205 0.87		2213 0.91	
2 0245 0.29		17 0243 0.28		2 0327 0.36		17 0400 0.38		2 0304 0.38		17 0350 0.40		2 0354 0.45		17 0413 0.45	
0906 0.92		0853 0.94		0930 0.89		0949 0.92		0853 0.88		0930 0.91		0931 0.85		1000 0.83	
SA 1532 0.34		SU 1532 0.27		TU 1614 0.26		WE 1647 0.20		WE 1541 0.23		TH 1622 0.20		SA 1622 0.25		SU 1625 0.33	
☾ 2122 0.80		☾ 2123 0.85		2223 0.79		2309 0.83		☾ 2152 0.83		2250 0.88		2249 0.85		2302 0.88	
3 0318 0.33		18 0324 0.33		3 0402 0.40		18 0446 0.42		3 0337 0.40		18 0434 0.42		3 0338 0.46		18 0515 0.45	
0938 0.91		0930 0.93		1002 0.88		1035 0.89		0925 0.87		1018 0.88		0918 0.83		1105 0.79	
SU 1609 0.32		MO 1619 0.25		WE 1653 0.24		TH 1738 0.20		TH 1617 0.23		FR 1709 0.23		SU 1607 0.27		MO 1722 0.37	
2208 0.78		2218 0.83		2313 0.77				2235 0.81		2345 0.85		2240 0.83		2358 0.86	
4 0354 0.37		19 0408 0.37		4 0443 0.44		19 0015 0.81		4 0415 0.43		19 0525 0.44		4 0432 0.46		19 0632 0.43	
1010 0.89		1012 0.92		1038 0.85		0540 0.45		1000 0.85		1112 0.84		1017 0.81		1225 0.78	
MO 1648 0.30		TU 1708 0.23		TH 1738 0.24		FR 1127 0.86		FR 1659 0.23		SA 1800 0.26		MO 1703 0.29		TU 1838 0.41	
2259 0.76		2321 0.81				1834 0.21		2326 0.79				2339 0.82			
5 0432 0.42		20 0459 0.42		5 0013 0.75		20 0126 0.80		5 0500 0.46		20 0046 0.83		5 0541 0.45		20 0059 0.85	
1044 0.87		1056 0.91		0531 0.49		0646 0.48		1044 0.83		0630 0.46		1130 0.80		0744 0.39	
TU 1732 0.29		WE 1802 0.21		FR 1121 0.83		SA 1227 0.82		SA 1746 0.23		SU 1215 0.79		TU 1814 0.32		WE 1347 0.79	
2358 0.75				1831 0.23		1940 0.22				1904 0.29				2000 0.43	
6 0518 0.47		21 0038 0.80		6 0125 0.75		21 0233 0.80		6 0026 0.77		21 0151 0.82		6 0043 0.82		21 0157 0.84	
1123 0.85		0558 0.47		0633 0.52		0814 0.48		0558 0.49		0755 0.45		0656 0.41		0841 0.35	
WE 1823 0.27		TH 1147 0.88		SA 1215 0.80		SU 1336 0.79		SU 1140 0.80		MO 1331 0.77		WE 1253 0.81		TH 1452 0.83	
		1903 0.20		1935 0.22		2052 0.23		1846 0.24		2019 0.31		1930 0.35		2109 0.44	
7 0108 0.75		22 0156 0.81		7 0242 0.76		22 0336 0.82		7 0136 0.77		22 0254 0.82		7 0145 0.83		22 0246 0.84	
0615 0.52		0711 0.50		0750 0.53		0949 0.44		0709 0.49		0921 0.41		0809 0.35		0927 0.31	
TH 1210 0.82		FR 1246 0.85		SU 1321 0.78		MO 1500 0.77		MO 1249 0.78		TU 1459 0.77		TH 1418 0.84		FR 1945 0.87	
1923 0.25		2010 0.19		2043 0.21		2203 0.23		1957 0.25		2137 0.32		☾ 2046 0.37		☾ 2200 0.44	
8 0230 0.77		23 0305 0.83		8 0348 0.79		23 0430 0.84		8 0245 0.78		23 0349 0.82		8 0243 0.86		23 0327 0.85	
0728 0.55		0839 0.51		0914 0.51		1051 0.39		0828 0.46		1022 0.36		0918 0.29		1005 0.29	
FR 1305 0.80		SA 1351 0.83		MO 1429 0.78		TU 1615 0.78		TU 1405 0.78		WE 1606 0.79		FR 1530 0.90		SA 1630 0.91	
2026 0.23		2118 0.18		2146 0.20		☾ 2300 0.23		2109 0.26		☾ 2239 0.32		2200 0.38		2243 0.45	
9 0340 0.80		24 0408 0.86		9 0439 0.82		24 0515 0.85		9 0346 0.80		24 0436 0.83		9 0334 0.88		24 0400 0.86	
0858 0.55		1011 0.48		1030 0.46		1139 0.35		0945 0.41		1108 0.32		1019 0.24		1041 0.27	
SA 1403 0.79		SU 1503 0.81		TU 1537 0.79		WE 1711 0.80		WE 1525 0.80		TH 1700 0.82		SA 1630 0.94		SU 1711 0.94	
2125 0.20		☾ 2223 0.18		☾ 2246 0.19		2346 0.25		☾ 2219 0.26		2327 0.33		2256 0.39		2319 0.45	
10 0434 0.84		25 0501 0.88		10 0522 0.85		25 0554 0.86		10 0436 0.83		25 0515 0.84		10 0420 0.91		25 0431 0.87	
1014 0.52		1112 0.43		1128 0.40		1218 0.32		1054 0.34		1145 0.29		1111 0.20		1116 0.25	
SU 1501 0.80		MO 1618 0.81		WE 1645 0.82		TH 1758 0.82		TH 1638 0.85		FR 1745 0.85		SU 1724 0.98		MO 1748 0.96	
☾ 2219 0.18		2316 0.19		2339 0.20				2321 0.27				2344 0.40		2353 0.46	
11 0518 0.87		26 0546 0.89		11 0600 0.87		26 0026 0.26		11 0519 0.86		26 0007 0.34		11 0506 0.93		26 0503 0.89	
1109 0.48		1200 0.39		1216 0.35		0628 0.87		1149 0.28		0549 0.85		1159 0.18		1152 0.25	
MO 1559 0.81		TU 1718 0.81		TH 1746 0.85		FR 1253 0.30		FR 1739 0.89		SA 1218 0.27		MO 1815 0.99		TU 1823 0.97	
2310 0.17						1840 0.84				1826 0.88					
12 0558 0.90		27 0001 0.20		12 0027 0.21		27 0101 0.29		12 0013 0.28		27 0042 0.36		12 0029 0.41		27 0026 0.46	
1157 0.44		0625 0.90		0637 0.89		0659 0.87		0600 0.89		0619 0.86		0551 0.95		0537 0.90	
TU 1656 0.83		WE 1243 0.36		FR 1302 0.30		SA 1325 0.28		SA 1238 0.24		SU 1251 0.26		TU 1245 0.18		WE 1228 0.25	
2357 0.17		1809 0.82		1841 0.88		1920 0.85		1833 0.92		1903 0.90		1904 1.00		1856 0.97	
13 0633 0.91		28 0042 0.22		13 0112 0.24		28 0133 0.31		13 0100 0.31		28 0115 0.38		13 0112 0.41		28 0058 0.47	
1240 0.41		0700 0.90		0714 0.91		0727 0.88		0641 0.91		0646 0.87		0638 0.95		0612 0.90	
WE 1752 0.85		TH 1320 0.34		SA 1346 0.26		SU 1358 0.26		SU 1324 0.20		MO 1324 0.25		WE 1329 0.20		TH 1302 0.26	
		1854 0.83		1933 0.89		1958 0.85		1924 0.94		1939 0.91		1953 0.98		1930 0.97	
14 0040 0.19		29 0117 0.25		14 0154 0.27		29 0203 0.33		14 0143 0.33		29 0145 0.39		14 0154 0.42		29 0130 0.48	
0708 0.92		0732 0.90		0750 0.93		0755 0.89		0721 0.93		0715 0.88		0725 0.94		0649 0.89	
TH 1322 0.37		FR 1355 0.32		SU 1431 0.23		MO 1430 0.25		MO 1409 0.18		TU 1359 0.24		TH 1412 0.22		FR 1338 0.27	
1846 0.86		1937 0.83		2024 0.89		2035 0.85		2015 0.94		2014 0.91		☾ 2040 0.96		☾ 2004 0.96	
15 0122 0.21		30 0151 0.27		15 0236 0.31				15 0225 0.35		30 0215 0.41		15 0237 0.43		30 0203 0.48	
0742 0.93		0802 0.90		0829 0.93				0802 0.94		0745 0.89		0814 0.91		0728 0.88	
FR 1405 0.33		SA 1429 0.30		MO 1515 0.21				TU 1454 0.18		WE 1433 0.24		FR 1454 0.25		SA 1413 0.28	
1939 0.87		2017 0.82		☾ 2115 0.88				2105 0.93		2049 0.90		2126 0.94		☾ 2040 0.94	
		31 0223 0.30								31 0245 0.42					
		0831 0.90								0818 0.88					
		SU 1502 0.29								TH 1508 0.24					
		2058 0.82								2126 0.89					

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (UTC +10:00) or daylight savings time (UTC +11:00) when in effect

Moon Phase Symbols ● New Moon ☾ First Quarter ○ Full Moon ☾ Last Quarter

MELBOURNE (WILLIAMSTOWN) – VICTORIA

LAT 37° 52' LONG 144° 55'

Times and Heights of High and Low Waters

2016

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
1	0124 0.83	16	0040 0.79	1	0242 0.81	16	0248 0.82	1	0513 0.89	16	0455 0.94	1	0539 0.92	16	0541 0.95
	0831 0.25		0742 0.28		0915 0.32		0913 0.35		1126 0.41		1106 0.45		1140 0.46		1144 0.46
TH	1502 0.88	FR	1418 0.82	SA	1513 0.85	SU	1513 0.84	TU	1646 0.83	WE	1610 0.89	TH	1631 0.82	FR	1639 0.89
●	2124 0.44		2015 0.44	●	2148 0.33	○	2145 0.29		2326 0.23		2316 0.15		2330 0.20		2349 0.14
2	0245 0.83	17	0158 0.82	2	0438 0.84	17	0401 0.88	2	0555 0.92	17	0549 0.97	2	0617 0.94	17	0629 0.97
	0934 0.26		0847 0.28		1106 0.33		1024 0.37		1204 0.41		1200 0.44		1216 0.45		1233 0.43
FR	1551 0.89	SA	1509 0.85	SU	1655 0.85	MO	1604 0.86	WE	1718 0.84	TH	1703 0.91	FR	1712 0.84	SA	1740 0.90
	2216 0.39	○	2123 0.38		2329 0.29		2246 0.23								
3	0345 0.85	18	0309 0.86	3	0526 0.87	18	0502 0.92	3	0000 0.22	18	0008 0.14	3	0007 0.19	18	0038 0.16
	1025 0.27		0948 0.29		1148 0.34		1125 0.37		0632 0.93		0640 0.99		0652 0.95		0712 0.97
SA	1632 0.90	SU	1553 0.88	MO	1731 0.86	TU	1651 0.89	TH	1238 0.42	FR	1247 0.43	SA	1251 0.44	SU	1319 0.40
	2300 0.36		2219 0.32		2341 0.19		2341 0.19		1749 0.86		1757 0.92		1751 0.85		1838 0.89
4	0436 0.86	19	0411 0.90	4	0002 0.27	19	0556 0.96	4	0034 0.22	19	0056 0.15	4	0045 0.20	19	0122 0.18
	1107 0.29		1042 0.30		0608 0.89		1215 0.38		0707 0.94		0726 0.99		0724 0.94		0752 0.97
SU	1708 0.91	MO	1634 0.90	TU	1225 0.36	WE	1737 0.92	FR	1310 0.42	SA	1332 0.41	SU	1326 0.43	MO	1404 0.38
	2336 0.33		2309 0.27		1802 0.87				1822 0.87		1850 0.92		1832 0.85		1931 0.88
5	0521 0.87	20	0504 0.93	5	0034 0.26	20	0030 0.17	5	0110 0.22	20	0141 0.17	5	0120 0.21	20	0204 0.22
	1145 0.32		1130 0.33		0646 0.90		0647 0.97		0740 0.94		0811 0.98		0755 0.94		0830 0.96
MO	1741 0.91	TU	1714 0.93	WE	1258 0.37	TH	1301 0.39	SA	1342 0.42	SU	1417 0.40	MO	1400 0.43	TU	1448 0.36
			2356 0.23		1831 0.88		1822 0.93		1857 0.87		1943 0.91		1914 0.85		2024 0.86
6	0010 0.31	21	0556 0.95	6	0107 0.25	21	0117 0.17	6	0145 0.23	21	0224 0.21	6	0154 0.23	21	0244 0.26
	0602 0.88		1215 0.35		0723 0.91		0736 0.97		0813 0.93		0854 0.96		0827 0.93		0908 0.95
TU	1217 0.34	WE	1753 0.95	TH	1330 0.39	FR	1345 0.40	SU	1413 0.43	MO	1501 0.39	TU	1433 0.42	WE	1531 0.34
	1812 0.92				1900 0.89		1909 0.94		1933 0.86	●	2035 0.88		1957 0.84	●	2115 0.83
7	0043 0.30	22	0042 0.21	7	0141 0.24	22	0203 0.18	7	0219 0.24	22	0306 0.25	7	0228 0.25	22	0323 0.30
	0642 0.88		0645 0.95		0758 0.91		0825 0.96		0845 0.91		0935 0.94		0859 0.92		0945 0.93
WE	1249 0.37	TH	1258 0.37	FR	1400 0.40	SA	1430 0.40	MO	1445 0.43	TU	1547 0.38	WE	1510 0.41	TH	1615 0.33
	1840 0.92		1834 0.96		1930 0.89		1958 0.93		2011 0.85		2129 0.85	●	2044 0.82		2206 0.80
8	0115 0.29	23	0127 0.20	8	0215 0.24	23	0247 0.20	8	0253 0.25	23	0348 0.29	8	0302 0.27	23	0401 0.35
	0720 0.88		0736 0.93		0832 0.90		0914 0.94		0920 0.90		1016 0.92		0933 0.91		1022 0.91
TH	1319 0.39	FR	1341 0.40	SA	1430 0.42	SU	1514 0.41	TU	1520 0.43	WE	1635 0.38	TH	1551 0.38	FR	1700 0.32
	1908 0.92	●	1917 0.95		2001 0.89	●	2046 0.91	●	2052 0.83		2224 0.81		2135 0.81		2301 0.77
9	0150 0.28	24	0212 0.21	9	0250 0.25	24	0331 0.23	9	0329 0.26	24	0431 0.34	9	0342 0.30	24	0443 0.40
	0759 0.87		0829 0.91		0909 0.88		1000 0.91		0959 0.88		1059 0.89		1011 0.90		1100 0.88
FR	1350 0.41	SA	1424 0.42	SU	1500 0.43	MO	1559 0.42	WE	1600 0.43	TH	1729 0.37	FR	1637 0.35	SA	1750 0.31
●	1938 0.92		2002 0.94	●	2036 0.87		2139 0.87		2141 0.81		2326 0.77		2232 0.80		
10	0225 0.27	25	0258 0.22	10	0326 0.25	25	0416 0.27	10	0409 0.29	25	0520 0.39	10	0429 0.35	25	0006 0.76
	0838 0.85		0922 0.88		0947 0.86		1048 0.88		1041 0.87		1145 0.86		1053 0.90		0530 0.45
SA	1422 0.44	SU	1508 0.44	MO	1535 0.45	TU	1647 0.42	TH	1649 0.41	FR	1832 0.36	SA	1732 0.32	SU	1142 0.85
	2009 0.90		2050 0.91		2113 0.85		2235 0.83		2240 0.79				2338 0.79		1845 0.29
11	0302 0.27	26	0345 0.24	11	0404 0.26	26	0504 0.31	11	0500 0.32	26	0041 0.76	11	0529 0.41	26	0125 0.76
	0921 0.83		1018 0.85		1030 0.84		1138 0.86		1129 0.85		0623 0.44		1142 0.88		0633 0.50
SU	1459 0.46	MO	1558 0.46	TU	1616 0.46	WE	1745 0.42	FR	1749 0.38	SA	1232 0.84	SU	1835 0.27	MO	1227 0.82
	2044 0.88		2144 0.87		2157 0.83		2340 0.79		2349 0.78		1936 0.33				1943 0.27
12	0343 0.26	27	0436 0.27	12	0446 0.27	27	0600 0.35	12	0603 0.37	27	0202 0.77	12	0059 0.80	27	0239 0.79
	1010 0.81		1118 0.83		1118 0.82		1232 0.84		1222 0.85		0745 0.48		0642 0.47		0800 0.54
MO	1541 0.49	TU	1657 0.47	WE	1707 0.46	TH	1900 0.40	SA	1858 0.34	SU	1325 0.82	MO	1236 0.88	TU	1317 0.80
	2125 0.85		2245 0.82		2252 0.80						2034 0.29		1943 0.23		2037 0.24
13	0430 0.27	28	0538 0.29	13	0540 0.29	28	0059 0.77	13	0112 0.80	28	0311 0.81	13	0228 0.83	28	0341 0.82
	1107 0.79		1221 0.82		1214 0.81		0714 0.38		0719 0.41		0905 0.49		0800 0.50		0921 0.54
TU	1633 0.51	WE	1815 0.46	TH	1811 0.45	FR	1331 0.82	SU	1319 0.84	MO	1417 0.80	TU	1335 0.87	WE	1410 0.79
	2216 0.82						2018 0.37		2008 0.28		2125 0.26		2049 0.19		2130 0.22
14	0525 0.27	29	0001 0.79	14	0002 0.78	29	0223 0.78	14	0239 0.84	29	0408 0.86	14	0344 0.88	29	0433 0.86
	1213 0.79		0651 0.31		0645 0.32		0836 0.40		0836 0.44		1010 0.49		0924 0.51		1023 0.52
WE	1740 0.52	TH	1325 0.83	FR	1315 0.81	SA	1432 0.82	MO	1418 0.85	TU	1507 0.80	WE	1436 0.87	TH	1501 0.79
	2323 0.80		1948 0.43		1925 0.41		2120 0.32	○	2115 0.23	●	2209 0.23	○	2155 0.15	●	2217 0.20
15	0631 0.28	30	0130 0.79	15	0124 0.79	30	0330 0.81	15	0353 0.89	30	0457 0.89	15	0446 0.92	30	0518 0.89
	1319 0.80		0809 0.32		0800 0.34		0947 0.41		0957 0.45		1059 0.48		1045 0.49		1112 0.49
TH	1859 0.49	FR	1423 0.83	SA	1415 0.82	SU	1526 0.82	TU	1515 0.87	WE	1551 0.81	TH	1537 0.88	FR	1552 0.80
			2058 0.37		2038 0.36		2210 0.28		2218 0.18		2250 0.21		2256 0.14		2303 0.18
				31	0426 0.86									31	0558 0.91
					1043 0.41										1153 0.46
					MO 1610 0.82										SA 1642 0.81
					● 2250 0.25										2345 0.18

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Moon Phase Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter