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# AUSTRALIA, SOUTH COAST – MELBOURNE (WILLIAMSTOWN)

LAT 37° 52' LONG 144° 55'

## TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE –1000

JANUARY – 2015		FEBRUARY – 2015		MARCH – 2015		APRIL – 2015					
Time	m	Time	m	Time	m	Time	m				
<b>1</b>	0407 0.42	<b>16</b>	0326 0.42	<b>1</b>	0029 0.80	<b>16</b>	0441 0.48	<b>1</b>	0556 0.45	<b>16</b>	0516 0.42
	1006 0.91		0930 0.88		0544 0.48		1028 0.83		1142 0.74		1111 0.82
TH	1712 0.23	FR	1627 0.24	SU	1122 0.82	MO	1742 0.20	WE	1815 0.35	TH	1742 0.34
	2345 0.81		2250 0.75		1839 0.21						
<b>2</b>	0507 0.47	<b>17</b>	0415 0.47	<b>2</b>	0135 0.80	<b>17</b>	0031 0.75	<b>2</b>	0056 0.80	<b>17</b>	0003 0.85
	1056 0.88		1011 0.85		0708 0.50		0555 0.50		0720 0.43		0631 0.38
FR	1812 0.21	SA	1720 0.22	MO	1223 0.78	TU	1134 0.81	TH	1305 0.73	FR	1235 0.83
					1945 0.21		1851 0.20		1936 0.37		1900 0.38
<b>3</b>	0059 0.82	<b>18</b>	0004 0.75	<b>3</b>	0237 0.82	<b>18</b>	0148 0.77	<b>3</b>	0155 0.80	<b>18</b>	0107 0.86
	0620 0.50		0518 0.51		0842 0.48		0715 0.48		0827 0.39		0746 0.32
SA	1151 0.85	SU	1103 0.83	TU	1334 0.76	WE	1247 0.80	FR	1424 0.75	SA	1405 0.86
	1915 0.20		1822 0.21		2050 0.21		2001 0.20		2048 0.38		2024 0.41
<b>4</b>	0206 0.84	<b>19</b>	0125 0.77	<b>4</b>	0330 0.83	<b>19</b>	0252 0.80	<b>4</b>	0245 0.80	<b>19</b>	0210 0.87
	0749 0.51		0634 0.54		0945 0.44		0836 0.44		0916 0.34		0900 0.26
SU	1252 0.82	MO	1206 0.81	WE	1451 0.75	TH	1403 0.81	SA	1523 0.79	SU	1518 0.91
	2017 0.19		1928 0.18	○	2145 0.21	●	2113 0.20	○	2144 0.38	●	2144 0.42
<b>5</b>	0307 0.87	<b>20</b>	0237 0.80	<b>5</b>	0416 0.85	<b>20</b>	0345 0.83	<b>5</b>	0326 0.82	<b>20</b>	0307 0.89
	0911 0.49		0754 0.53		1031 0.40		0955 0.37		0958 0.30		1001 0.22
MO	1357 0.80	TU	1312 0.81	TH	1551 0.77	FR	1523 0.83	SU	1611 0.84	MO	1618 0.95
	○ 2115 0.18	●	2032 0.17		2231 0.22		2217 0.20		2229 0.39		2240 0.42
<b>6</b>	0400 0.89	<b>21</b>	0335 0.83	<b>6</b>	0455 0.86	<b>21</b>	0430 0.86	<b>6</b>	0400 0.83	<b>21</b>	0358 0.91
	1008 0.46		0915 0.49		1111 0.36		1053 0.31		1035 0.27		1052 0.20
TU	1503 0.80	WE	1418 0.82	FR	1640 0.78	SA	1630 0.87	MO	1652 0.87	TU	1711 0.98
	2205 0.19		2135 0.16		2311 0.23		2312 0.22		2307 0.40		2328 0.42
<b>7</b>	0445 0.91	<b>22</b>	0423 0.87	<b>7</b>	0528 0.86	<b>22</b>	0511 0.89	<b>7</b>	0431 0.85	<b>22</b>	0445 0.93
	1054 0.43		1022 0.43		1145 0.34		1143 0.25		1111 0.25		1138 0.19
WE	1601 0.80	TH	1527 0.84	SA	1722 0.80	SU	1728 0.90	TU	1730 0.90	WE	1800 1.00
	2248 0.20		2232 0.16		2346 0.25		2359 0.25		2342 0.41		
<b>8</b>	0523 0.91	<b>23</b>	0504 0.89	<b>8</b>	0557 0.87	<b>23</b>	0550 0.91	<b>8</b>	0502 0.87	<b>23</b>	0011 0.43
	1134 0.40		1115 0.38		1218 0.31		1229 0.21		1147 0.24		0530 0.94
TH	1650 0.81	FR	1634 0.86	SU	1801 0.81	MO	1820 0.91	WE	1807 0.92	TH	1220 0.20
	2326 0.21		2324 0.17						1845 1.00		1845 1.00
<b>9</b>	0558 0.91	<b>24</b>	0543 0.91	<b>9</b>	0018 0.27	<b>24</b>	0043 0.28	<b>9</b>	0015 0.42	<b>24</b>	0052 0.43
	1211 0.38		1203 0.32		0625 0.88		0630 0.93		0535 0.88		0615 0.94
FR	1735 0.81	SA	1734 0.88	MO	1250 0.29	TU	1314 0.19	TH	1224 0.23	FR	1301 0.22
					1839 0.82		1912 0.91		1843 0.93		1929 0.99
<b>10</b>	0001 0.23	<b>25</b>	0010 0.20	<b>10</b>	0048 0.29	<b>25</b>	0125 0.30	<b>10</b>	0047 0.43	<b>25</b>	0132 0.43
	0629 0.91		0620 0.93		0651 0.89		0711 0.94		0609 0.89		0700 0.92
SA	1245 0.36	SU	1249 0.28	TU	1323 0.27	WE	1358 0.17	FR	1300 0.23	SA	1341 0.24
	1816 0.81		1830 0.89		1917 0.83		2002 0.90		1920 0.93		2011 0.98
<b>11</b>	0034 0.25	<b>26</b>	0055 0.24	<b>11</b>	0117 0.32	<b>26</b>	0206 0.34	<b>11</b>	0120 0.44	<b>26</b>	0213 0.43
	0658 0.91		0659 0.94		0718 0.89		0751 0.93		0645 0.89		0746 0.89
SU	1316 0.34	MO	1335 0.24	WE	1358 0.25	TH	1441 0.18	SA	1338 0.24	SU	1419 0.27
	1857 0.81		1922 0.89		1956 0.82	●	2054 0.88		1958 0.92	●	2051 0.96
<b>12</b>	0106 0.28	<b>27</b>	0137 0.28	<b>12</b>	0148 0.34	<b>27</b>	0247 0.37	<b>12</b>	0155 0.45	<b>27</b>	0252 0.44
	0725 0.91		0737 0.94		0748 0.89		0833 0.91		0723 0.88		0831 0.86
MO	1350 0.32	TU	1420 0.22	TH	1433 0.24	FR	1525 0.19	SU	1415 0.24	MO	1458 0.30
	1936 0.80	●	2015 0.87	●	2037 0.81		2148 0.85	●	2038 0.90		2130 0.93
<b>13</b>	0137 0.30	<b>28</b>	0220 0.32	<b>13</b>	0221 0.37	<b>28</b>	0330 0.40	<b>13</b>	0231 0.46	<b>28</b>	0333 0.45
	0753 0.91		0816 0.94		0819 0.88		0916 0.88		0806 0.87		0920 0.82
TU	1424 0.30	WE	1506 0.20	FR	1512 0.22	SA	1609 0.21	MO	1454 0.25	TU	1537 0.34
	● 2018 0.79		2111 0.85		2121 0.79		2245 0.82		2121 0.89		2212 0.90
<b>14</b>	0209 0.33	<b>29</b>	0302 0.36	<b>14</b>	0259 0.41	<b>29</b>	0311 0.41	<b>14</b>	0315 0.45	<b>29</b>	0420 0.45
	0822 0.90		0858 0.93		0854 0.87		0853 0.86		0857 0.86		1015 0.78
WE	1501 0.28	TH	1553 0.20	SA	1553 0.21	SU	1533 0.25	TU	1539 0.27	WE	1620 0.38
	2102 0.78		2211 0.82		2213 0.77	●	2207 0.87		2209 0.87		2256 0.88
<b>15</b>	0245 0.37	<b>30</b>	0348 0.41	<b>15</b>	0344 0.45	<b>30</b>	0354 0.43	<b>15</b>	0410 0.44	<b>30</b>	0518 0.44
	0854 0.89		0941 0.90		0935 0.85		0941 0.82		1000 0.84		1120 0.76
TH	1542 0.26	FR	1643 0.20	SU	1643 0.20	MO	1616 0.28	WE	1634 0.30	TH	1715 0.43
	2151 0.76		2319 0.80		2315 0.75		2258 0.84		2302 0.86		2345 0.85
		<b>31</b>	0440 0.45			<b>31</b>	0445 0.45				
			1028 0.86				1035 0.77				
			SA 1738 0.21				TU 1708 0.31				
							2353 0.81				

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Bureau of Meteorology

National Tidal Centre

Height datum is Lowest Astronomical Tide

When daylight saving time is in force, add one hour to times

Moon Symbols

● New Moon

◐ First Quarter

○ Full Moon

◑ Last Quarter

# AUSTRALIA, SOUTH COAST – MELBOURNE (WILLIAMSTOWN)

LAT 37° 52' LONG 144° 55'

## TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE –1000

MAY – 2015		JUNE – 2015		JULY – 2015		AUGUST – 2015									
Time	m	Time	m	Time	m	Time	m								
<b>1</b>	0630 0.42 1240 0.76 FR 1832 0.48	<b>16</b>	0618 0.34 1240 0.87 SA 1830 0.49	<b>1</b>	0026 0.88 0735 0.32 MO 1431 0.87 2009 0.60	<b>16</b>	0047 0.94 0810 0.24 TU 1458 0.96 2057 0.58	<b>1</b>	0024 0.89 0743 0.27 WE 1455 0.90 2015 0.63	<b>16</b>	0121 0.90 0845 0.24 TH 1534 0.95 ● 2141 0.55	<b>1</b>	0149 0.87 0903 0.22 SA 1558 0.91 2152 0.52	<b>16</b>	0329 0.82 1012 0.26 SU 1634 0.91 2255 0.42
<b>2</b>	0038 0.84 0734 0.38 SA 1400 0.79 2000 0.50	<b>17</b>	0023 0.92 0728 0.29 SU 1402 0.91 1956 0.52	<b>2</b>	0116 0.88 0827 0.28 TU 1528 0.92 2118 0.59	<b>17</b>	0148 0.93 0910 0.23 WE 1556 0.99 ● 2201 0.56	<b>2</b>	0121 0.89 0839 0.24 TH 1548 0.94 ○ 2130 0.60	<b>17</b>	0230 0.88 0942 0.24 FR 1624 0.97 2234 0.51	<b>2</b>	0255 0.89 1000 0.22 SU 1641 0.94 2248 0.46	<b>17</b>	0420 0.84 1054 0.28 MO 1710 0.92 2330 0.39
<b>3</b>	0130 0.83 0826 0.33 SU 1501 0.84 2107 0.50	<b>18</b>	0124 0.92 0835 0.25 MO 1511 0.95 ● 2122 0.52	<b>3</b>	0207 0.89 0915 0.26 WE 1615 0.96 ○ 2210 0.58	<b>18</b>	0250 0.92 1002 0.23 TH 1646 1.01 2252 0.53	<b>3</b>	0217 0.90 0931 0.23 FR 1633 0.97 2226 0.56	<b>18</b>	0335 0.87 1029 0.25 SA 1705 0.98 2318 0.48	<b>3</b>	0401 0.91 1053 0.24 MO 1719 0.96 2337 0.41	<b>18</b>	0505 0.85 1130 0.30 TU 1741 0.92
<b>4</b>	0217 0.84 0913 0.29 MO 1551 0.89 ○ 2159 0.50	<b>19</b>	0224 0.92 0935 0.22 TU 1610 0.99 2221 0.51	<b>4</b>	0255 0.90 1001 0.24 TH 1658 0.99 2255 0.56	<b>19</b>	0348 0.92 1048 0.25 FR 1730 1.02 2337 0.51	<b>4</b>	0313 0.91 1022 0.23 SA 1713 0.99 2314 0.53	<b>19</b>	0430 0.87 1111 0.27 SU 1742 0.98 2358 0.45	<b>4</b>	0503 0.92 1142 0.26 TU 1757 0.98	<b>19</b>	0003 0.37 0545 0.86 WE 1203 0.32 1810 0.93
<b>5</b>	0300 0.86 0955 0.26 TU 1635 0.93 2241 0.50	<b>20</b>	0321 0.93 1026 0.22 WE 1701 1.02 2310 0.50	<b>5</b>	0342 0.91 1046 0.24 FR 1737 1.01 2336 0.54	<b>20</b>	0443 0.92 1130 0.27 SA 1807 1.02	<b>5</b>	0410 0.92 1110 0.24 SU 1750 1.00 2359 0.49	<b>20</b>	0518 0.87 1147 0.30 MO 1815 0.98	<b>5</b>	0024 0.36 0600 0.93 WE 1228 0.30 1834 1.00	<b>20</b>	0036 0.35 0624 0.86 TH 1234 0.35 1837 0.94
<b>6</b>	0341 0.88 1035 0.25 WE 1715 0.96 2320 0.50	<b>21</b>	0414 0.94 1112 0.22 TH 1746 1.03 2354 0.49	<b>6</b>	0430 0.92 1130 0.25 SA 1814 1.02	<b>21</b>	0017 0.49 0532 0.91 SU 1208 0.29 1843 1.02	<b>6</b>	0509 0.93 1156 0.26 MO 1826 1.01	<b>21</b>	0033 0.43 0602 0.87 TU 1222 0.32 1845 0.98	<b>6</b>	0110 0.32 0654 0.93 TH 1312 0.34 1912 1.01	<b>21</b>	0108 0.33 0702 0.86 FR 1303 0.37 1904 0.94
<b>7</b>	0419 0.89 1115 0.24 TH 1753 0.98 2357 0.49	<b>22</b>	0503 0.94 1153 0.24 FR 1829 1.03	<b>7</b>	0016 0.52 0518 0.93 SU 1213 0.26 1849 1.02	<b>22</b>	0056 0.47 0619 0.90 MO 1245 0.32 1916 1.01	<b>7</b>	0043 0.45 0606 0.93 TU 1240 0.29 1901 1.02	<b>22</b>	0107 0.42 0645 0.86 WE 1255 0.35 1914 0.98	<b>7</b>	0156 0.29 0747 0.92 FR 1355 0.38 ● 1951 1.01	<b>22</b>	0143 0.31 0741 0.86 SA 1333 0.39 1932 0.94
<b>8</b>	0459 0.91 1155 0.24 FR 1830 0.99	<b>23</b>	0035 0.48 0551 0.93 SA 1232 0.27 1907 1.03	<b>8</b>	0058 0.50 0611 0.92 MO 1254 0.28 1925 1.02	<b>23</b>	0132 0.46 0704 0.88 TU 1319 0.35 1948 1.01	<b>8</b>	0128 0.41 0701 0.93 WE 1322 0.33 1938 1.02	<b>23</b>	0140 0.39 0726 0.86 TH 1326 0.38 1942 0.98	<b>8</b>	0242 0.27 0843 0.90 SA 1438 0.42 2031 1.00	<b>23</b>	0218 0.29 0822 0.84 SU 1405 0.42 ● 2003 0.94
<b>9</b>	0033 0.49 0539 0.91 SA 1234 0.25 1906 0.99	<b>24</b>	0115 0.47 0638 0.92 SU 1311 0.29 1945 1.01	<b>9</b>	0140 0.48 0704 0.92 TU 1335 0.31 2001 1.01	<b>24</b>	0208 0.45 0748 0.86 WE 1353 0.38 ● 2018 1.00	<b>9</b>	0214 0.38 0757 0.92 TH 1405 0.37 ● 2015 1.02	<b>24</b>	0215 0.37 0807 0.85 FR 1359 0.41 ● 2010 0.98	<b>9</b>	0330 0.26 0943 0.88 SU 1523 0.46 2115 0.98	<b>24</b>	0256 0.28 0905 0.83 MO 1442 0.45 2036 0.92
<b>10</b>	0110 0.49 0622 0.91 SU 1314 0.26 1943 0.98	<b>25</b>	0154 0.46 0725 0.89 MO 1347 0.32 2020 1.00	<b>10</b>	0224 0.45 0800 0.90 WE 1416 0.35 ● 2039 1.01	<b>25</b>	0245 0.43 0833 0.84 TH 1428 0.41 2049 0.99	<b>10</b>	0300 0.34 0853 0.90 FR 1449 0.42 2056 1.02	<b>25</b>	0250 0.35 0851 0.84 SA 1432 0.44 2041 0.97	<b>10</b>	0418 0.25 1050 0.86 MO 1612 0.50 2201 0.94	<b>25</b>	0337 0.26 0954 0.81 TU 1524 0.49 2115 0.90
<b>11</b>	0147 0.49 0708 0.90 MO 1352 0.28 ● 2020 0.97	<b>26</b>	0232 0.46 0811 0.86 TU 1424 0.35 ● 2055 0.98	<b>11</b>	0311 0.42 0857 0.89 TH 1501 0.39 2119 1.00	<b>26</b>	0322 0.41 0922 0.83 FR 1504 0.45 2121 0.97	<b>11</b>	0350 0.32 0954 0.88 SA 1537 0.47 2138 1.00	<b>26</b>	0330 0.33 0939 0.82 SU 1511 0.48 2114 0.95	<b>11</b>	0513 0.25 1159 0.85 TU 1710 0.53 2255 0.90	<b>26</b>	0423 0.25 1052 0.79 WE 1615 0.52 2202 0.88
<b>12</b>	0229 0.47 0800 0.89 TU 1432 0.30 2100 0.96	<b>27</b>	0311 0.45 0859 0.83 WE 1500 0.39 2130 0.96	<b>12</b>	0401 0.38 1000 0.88 FR 1551 0.45 2203 0.99	<b>27</b>	0404 0.38 1016 0.82 SA 1545 0.50 2158 0.95	<b>12</b>	0443 0.29 1107 0.88 SU 1631 0.52 2226 0.98	<b>27</b>	0413 0.31 1035 0.81 MO 1557 0.53 2152 0.93	<b>12</b>	0612 0.25 1304 0.85 WE 1825 0.55 2356 0.86	<b>27</b>	0517 0.25 1202 0.79 TH 1722 0.54 2305 0.85
<b>13</b>	0314 0.45 0856 0.87 WE 1517 0.33 2144 0.95	<b>28</b>	0353 0.44 0950 0.81 TH 1540 0.44 2207 0.94	<b>13</b>	0500 0.34 1113 0.88 SA 1651 0.51 2253 0.98	<b>28</b>	0451 0.36 1120 0.81 SU 1635 0.56 2239 0.93	<b>13</b>	0541 0.27 1224 0.88 MO 1736 0.56 2319 0.95	<b>28</b>	0501 0.29 1143 0.81 TU 1651 0.57 2240 0.90	<b>13</b>	0716 0.25 1407 0.87 TH 2001 0.54	<b>28</b>	0622 0.24 1315 0.80 FR 1841 0.53
<b>14</b>	0407 0.42 1000 0.86 TH 1610 0.38 2231 0.94	<b>29</b>	0440 0.42 1051 0.79 FR 1626 0.49 2248 0.92	<b>14</b>	0602 0.30 1238 0.89 SU 1803 0.55 2348 0.96	<b>29</b>	0545 0.33 1234 0.83 MO 1736 0.60 2328 0.91	<b>14</b>	0642 0.25 1333 0.90 TU 1855 0.59	<b>29</b>	0559 0.27 1258 0.82 WE 1800 0.60 2338 0.88	<b>14</b>	0105 0.83 0822 0.25 FR 1504 0.89 2119 0.50	<b>29</b>	0017 0.84 0730 0.23 SA 1420 0.83 1959 0.49
<b>15</b>	0509 0.38 1112 0.85 FR 1715 0.44 2325 0.93	<b>30</b>	0537 0.39 1203 0.80 SA 1722 0.54 2334 0.89	<b>15</b>	0707 0.27 1352 0.93 MO 1926 0.58	<b>30</b>	0645 0.30 1350 0.86 TU 1851 0.63	<b>15</b>	0018 0.92 0745 0.24 WE 1437 0.93 2030 0.58	<b>30</b>	0701 0.25 1409 0.85 TH 1919 0.60	<b>15</b>	0224 0.82 0922 0.25 SA 1553 0.90 ● 2212 0.45	<b>30</b>	0131 0.84 0836 0.23 SU 1515 0.86 ○ 2116 0.43
<b>31</b>	0638 0.36 1323 0.82 SU 1839 0.59														
								<b>31</b>	0045 0.87 0804 0.23 FR 1509 0.88 ○ 2039 0.57			<b>31</b>	0248 0.87 0941 0.24 MO 1601 0.89 2221 0.36		

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Bureau of Meteorology

National Tidal Centre

Height datum is Lowest Astronomical Tide

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

