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# AUSTRALIA, SOUTH COAST – PORTLAND

LAT 38° 21' LONG 141° 37'

## 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>	0521 0.52 1159 0.90 FR 1803 0.60 2324 0.83	<b>16</b>	0449 0.51 1200 0.98 SA 1853 0.63 2248 0.72	<b>1</b>	0503 0.46 1223 1.15 MO 1921 0.65 2324 0.77	<b>16</b>	0446 0.38 1239 1.20 TU 2015 0.69 2244 0.72	<b>1</b>	0453 0.44 1244 1.23 WE 2027 0.66 2317 0.70	<b>16</b>	0526 0.38 1302 1.19 TH 2012 0.65 ● 2352 0.75	<b>1</b>	0007 0.69 0610 0.36 SA 1330 1.21 2033 0.60	<b>16</b>	0044 0.83 0649 0.37 SU 1328 1.12 1951 0.50
<b>2</b>	0536 0.47 1215 0.99 SA 1833 0.57 2348 0.84	<b>17</b>	0503 0.44 1219 1.08 SU 1919 0.62 2302 0.72	<b>2</b>	0528 0.42 1248 1.22 TU 1944 0.64 2347 0.77	<b>17</b>	0522 0.35 1306 1.24 WE 2015 0.68 ● 2334 0.76	<b>2</b>	0529 0.40 1311 1.27 TH 2043 0.65 ○ 2351 0.72	<b>17</b>	0607 0.36 1325 1.21 FR 2009 0.62	<b>2</b>	0038 0.75 0647 0.35 SU 1351 1.17 2032 0.59	<b>17</b>	0114 0.88 0719 0.38 MO 1347 1.10 2010 0.47
<b>3</b>	0554 0.42 1236 1.08 SU 1901 0.55	<b>18</b>	0524 0.37 1244 1.16 MO 1936 0.63 ● 2322 0.74	<b>3</b>	0552 0.38 1316 1.26 WE 2010 0.64 ○	<b>18</b>	0558 0.33 1332 1.25 TH 2017 0.67	<b>3</b>	0604 0.37 1339 1.28 FR 2054 0.66	<b>18</b>	0033 0.80 0643 0.36 SA 1347 1.21 2021 0.59	<b>3</b>	0109 0.81 0720 0.37 MO 1408 1.12 2039 0.55	<b>18</b>	0144 0.92 0747 0.40 TU 1406 1.07 2028 0.44
<b>4</b>	0008 0.84 0612 0.38 MO 1259 1.14 ○ 1928 0.55	<b>19</b>	0546 0.31 1311 1.21 TU 1951 0.64 2350 0.77	<b>4</b>	0007 0.77 0616 0.35 TH 1343 1.28 2035 0.66	<b>19</b>	0018 0.80 0631 0.33 FR 1358 1.24 2034 0.66	<b>4</b>	0022 0.75 0636 0.35 SA 1406 1.26 2103 0.66	<b>19</b>	0111 0.84 0715 0.38 SU 1410 1.19 2041 0.57	<b>4</b>	0142 0.86 0749 0.41 TU 1420 1.06 2050 0.50	<b>19</b>	0214 0.94 0813 0.45 WE 1422 1.03 2046 0.42
<b>5</b>	0026 0.83 0630 0.35 TU 1324 1.19 1956 0.56	<b>20</b>	0609 0.27 1337 1.23 WE 2011 0.65	<b>5</b>	0029 0.78 0640 0.34 FR 1411 1.27 2101 0.67	<b>20</b>	0059 0.83 0705 0.35 SA 1424 1.22 2059 0.64	<b>5</b>	0055 0.78 0705 0.36 SU 1430 1.21 2114 0.65	<b>20</b>	0148 0.87 0744 0.41 MO 1432 1.16 2103 0.54	<b>5</b>	0220 0.89 0815 0.47 WE 1432 1.01 2102 0.44	<b>20</b>	0243 0.94 0836 0.50 TH 1436 0.99 2102 0.41
<b>6</b>	0041 0.82 0647 0.32 WE 1349 1.21 2023 0.58	<b>21</b>	0021 0.81 0636 0.26 TH 1405 1.23 2035 0.66	<b>6</b>	0054 0.79 0704 0.34 SA 1439 1.23 2126 0.68	<b>21</b>	0140 0.84 0737 0.39 SU 1452 1.18 2126 0.62	<b>6</b>	0131 0.81 0735 0.40 MO 1451 1.15 2130 0.63	<b>21</b>	0223 0.88 0812 0.46 TU 1453 1.11 2126 0.52	<b>6</b>	0302 0.91 0838 0.55 TH 1444 0.97 2117 0.39	<b>21</b>	0314 0.93 0858 0.56 FR 1447 0.95 2118 0.40
<b>7</b>	0056 0.82 0704 0.30 TH 1416 1.21 2051 0.61	<b>22</b>	0055 0.83 0706 0.28 FR 1434 1.20 2102 0.66	<b>7</b>	0121 0.79 0731 0.36 SU 1507 1.18 2152 0.69	<b>22</b>	0220 0.84 0808 0.45 MO 1519 1.13 2155 0.61	<b>7</b>	0213 0.82 0804 0.45 TU 1509 1.08 2148 0.59	<b>22</b>	0259 0.88 0838 0.52 WE 1512 1.06 2148 0.51	<b>7</b>	0350 0.89 0859 0.64 FR 1511 0.94 ● 2139 0.36	<b>22</b>	0350 0.91 0919 0.63 SA 1454 0.91 2135 0.40
<b>8</b>	0113 0.81 0723 0.30 FR 1444 1.19 2119 0.65	<b>23</b>	0130 0.84 0739 0.32 SA 1505 1.16 2133 0.65	<b>8</b>	0152 0.79 0800 0.41 MO 1533 1.11 2221 0.68	<b>23</b>	0301 0.83 0838 0.52 TU 1543 1.08 2225 0.60	<b>8</b>	0300 0.83 0834 0.53 WE 1525 1.02 2209 0.54	<b>23</b>	0338 0.87 0902 0.59 TH 1526 1.01 2210 0.50	<b>8</b>	0450 0.86 0917 0.73 SA 1443 0.91 2209 0.35	<b>23</b>	0433 0.88 0936 0.71 SU 1445 0.87 ● 2153 0.42
<b>9</b>	0130 0.80 0745 0.31 SA 1514 1.14 2151 0.68	<b>24</b>	0204 0.83 0810 0.39 SU 1536 1.10 2206 0.66	<b>9</b>	0230 0.78 0829 0.48 TU 1559 1.03 2253 0.67	<b>24</b>	0348 0.81 0905 0.60 WE 1602 1.02 ● 2259 0.60	<b>9</b>	0357 0.83 0902 0.63 TH 1536 0.96 ● 2232 0.50	<b>24</b>	0423 0.85 0926 0.67 FR 1533 0.96 ● 2233 0.50	<b>9</b>	0635 0.83 0921 0.81 SU 1415 0.90 2247 0.39	<b>24</b>	0547 0.84 0938 0.79 MO 1355 0.85 2212 0.44
<b>10</b>	0145 0.78 0808 0.34 SU 1547 1.07 2227 0.71	<b>25</b>	0240 0.80 0841 0.47 MO 1607 1.03 2247 0.66	<b>10</b>	0324 0.75 0855 0.58 WE 1621 0.95 ● 2334 0.64	<b>25</b>	0451 0.79 0928 0.69 TH 1614 0.95 2341 0.59	<b>10</b>	0520 0.81 0924 0.74 FR 1524 0.91 2303 0.48	<b>25</b>	0529 0.83 0943 0.76 SA 1524 0.91 2258 0.51	<b>10</b>	1245 0.93 2342 0.44 MO	<b>25</b>	1212 0.90 2228 0.47 TU
<b>11</b>	0147 0.76 0832 0.40 MO 1622 0.99 ● 2320 0.74	<b>26</b>	0321 0.76 0907 0.56 TU 1636 0.96 ● 2346 0.66	<b>11</b>	0508 0.73 0904 0.69 TH 1620 0.87	<b>26</b>	0703 0.79 0933 0.78 FR 1605 0.90	<b>11</b>	1422 0.90 2352 0.46 SA	<b>26</b>	1410 0.89 2332 0.52 SU	<b>11</b>	1221 0.98 TU	<b>26</b>	1207 0.98 2152 0.51 WE
<b>12</b>	0111 0.74 0848 0.48 TU 1703 0.90	<b>27</b>	0431 0.72 0921 0.66 WE 1702 0.89	<b>12</b>	0040 0.61 1315 0.85 FR	<b>27</b>	0044 0.59 1219 0.89 SA	<b>12</b>	1219 0.96 SU	<b>27</b>	1207 0.96 MO	<b>12</b>	0310 0.47 1217 1.03 WE 2017 0.62 2225 0.62	<b>27</b>	1220 1.05 2015 0.54 TH 2342 0.57
<b>13</b>	0826 0.58 1825 0.81 WE	<b>28</b>	0203 0.65 1711 0.83 TH	<b>13</b>	0206 0.56 1200 0.95 SA	<b>28</b>	0207 0.57 1143 0.99 SU	<b>13</b>	0134 0.46 1209 1.04 MO	<b>28</b>	0121 0.53 1206 1.05 TU	<b>13</b>	0449 0.44 1230 1.08 TH 1944 0.60 2336 0.70	<b>28</b>	0449 0.46 1236 1.09 FR 1958 0.54 2358 0.64
<b>14</b>	0528 0.62 1256 0.76 TH 1719 0.72 2145 0.75	<b>29</b>	0334 0.61 1153 0.87 FR	<b>14</b>	0313 0.50 1152 1.05 SU	<b>29</b>	0317 0.53 1155 1.08 MO	<b>14</b>	0318 0.44 1217 1.11 TU	<b>29</b>	0324 0.50 1222 1.13 WE 2052 0.61 2119 0.61	<b>14</b>	0538 0.40 1249 1.11 FR 1937 0.57	<b>29</b>	0540 0.40 1252 1.10 SA 1951 0.53
<b>15</b>	0447 0.58 1208 0.86 FR 1819 0.67 2230 0.73	<b>30</b>	0410 0.56 1144 0.97 SA 1835 0.72 2210 0.77	<b>15</b>	0404 0.44 1213 1.14 MO 2009 0.69 2142 0.70	<b>30</b>	0410 0.49 1218 1.16 TU 2011 0.67 2224 0.69	<b>15</b>	0435 0.41 1238 1.16 WE 2017 0.66 2251 0.70	<b>30</b>	0437 0.45 1244 1.18 TH 2032 0.60 2333 0.64	<b>15</b>	0012 0.77 0616 0.38 SA 1309 1.12 ● 1938 0.53	<b>30</b>	0021 0.72 0621 0.36 SU 1309 1.08 ○ 1942 0.52
<b>31</b>	0437 0.51 1200 1.07 SU 1858 0.68 2254 0.77							<b>31</b>	0529 0.40 1307 1.21 FR 2035 0.60 ○			<b>31</b>	0046 0.81 0656 0.36 MO 1324 1.03 1944 0.48		

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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

# AUSTRALIA, SOUTH COAST – PORTLAND

LAT 38° 21' LONG 141° 37'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE –1000

SEPTEMBER – 2015		OCTOBER – 2015		NOVEMBER – 2015		DECEMBER – 2015									
Time	m	Time	m	Time	m	Time	m								
<b>1</b>	0112 0.89 0728 0.38 TU 1333 0.98 1951 0.42	<b>16</b>	0133 0.99 0744 0.41 WE 1334 0.96 1947 0.35	<b>1</b>	0134 1.06 0758 0.47 TH 1259 0.82 1908 0.23	<b>16</b>	0144 1.10 0808 0.47 FR 1314 0.82 1916 0.27	<b>1</b>	0222 1.11 0848 0.58 SU 1308 0.76 1924 0.17	<b>16</b>	0224 1.14 0908 0.55 MO 1321 0.71 1925 0.25	<b>1</b>	0244 1.09 0920 0.54 TU 1348 0.71 1946 0.26	<b>16</b>	0248 1.11 0940 0.53 WE 1350 0.66 1944 0.28
<b>2</b>	0142 0.95 0756 0.43 WE 1340 0.94 2000 0.36	<b>17</b>	0158 1.02 0810 0.45 TH 1348 0.93 2000 0.33	<b>2</b>	0203 1.07 0822 0.53 FR 1313 0.82 1925 0.18	<b>17</b>	0208 1.11 0834 0.50 SA 1327 0.80 1931 0.27	<b>2</b>	0253 1.06 0913 0.59 MO 1332 0.76 1955 0.23	<b>17</b>	0252 1.10 0938 0.57 TU 1339 0.69 1947 0.28	<b>2</b>	0313 1.03 0951 0.53 WE 1427 0.69 2016 0.35	<b>17</b>	0313 1.04 1005 0.52 TH 1425 0.65 2010 0.35
<b>3</b>	0214 0.98 0821 0.50 TH 1351 0.91 2010 0.29	<b>18</b>	0224 1.02 0833 0.49 FR 1400 0.90 2013 0.32	<b>3</b>	0234 1.06 0843 0.58 SA 1329 0.83 1951 0.17	<b>18</b>	0233 1.09 0859 0.54 SU 1340 0.78 1949 0.27	<b>3</b>	0326 0.99 0940 0.61 TU 1356 0.73 2025 0.31	<b>18</b>	0321 1.03 1013 0.60 WE 1350 0.67 2008 0.33	<b>3</b>	0341 0.96 1027 0.52 TH 1513 0.65 2043 0.45	<b>18</b>	0336 0.96 1032 0.51 FR 1511 0.63 2033 0.44
<b>4</b>	0250 0.98 0839 0.57 FR 1403 0.90 2029 0.25	<b>19</b>	0251 1.01 0855 0.54 SA 1410 0.86 2028 0.32	<b>4</b>	0309 1.01 0859 0.62 SU 1342 0.82 2020 0.21	<b>19</b>	0300 1.05 0926 0.59 MO 1350 0.75 2008 0.29	<b>4</b>	0401 0.91 1017 0.62 WE 1415 0.69 2050 0.42	<b>19</b>	0352 0.95 1059 0.62 TH 1337 0.64 2020 0.41	<b>4</b>	0405 0.89 1113 0.52 FR 1626 0.61 2055 0.55	<b>19</b>	0354 0.88 1103 0.49 SA 1623 0.61 2040 0.54
<b>5</b>	0330 0.96 0853 0.63 SA 1410 0.89 2055 0.25	<b>20</b>	0320 0.98 0917 0.60 SU 1417 0.83 2046 0.33	<b>5</b>	0347 0.94 0913 0.66 MO 1352 0.80 2051 0.28	<b>20</b>	0332 0.99 0955 0.64 TU 1344 0.73 2026 0.33	<b>5</b>	0437 0.83 1141 0.63 TH 1313 0.63 2046 0.53	<b>20</b>	0425 0.86 1956 0.49 FR	<b>5</b>	0418 0.81 1234 0.51 SA	<b>20</b>	0352 0.80 1142 0.47 SU
<b>6</b>	0416 0.90 0909 0.70 SU 1411 0.87 2126 0.29	<b>21</b>	0355 0.94 0936 0.67 MO 1410 0.80 2103 0.35	<b>6</b>	0430 0.86 0933 0.69 TU 1349 0.77 2117 0.38	<b>21</b>	0410 0.92 1035 0.70 WE 1252 0.71 2034 0.38	<b>6</b>	0541 0.75 1709 0.55 FR	<b>21</b>	0452 0.76 1710 0.53 SA	<b>6</b>	0340 0.75 1452 0.49 SU	<b>21</b>	0228 0.76 1253 0.43 MO
<b>7</b>	0520 0.83 0920 0.75 MO 1357 0.85 2159 0.36	<b>22</b>	0442 0.87 0945 0.75 TU 1321 0.79 2115 0.39	<b>7</b>	0548 0.77 0951 0.73 WE 1232 0.75 2127 0.49	<b>22</b>	0505 0.83 2016 0.44 TH	<b>7</b>	0917 0.71 1643 0.49 SA 2348 0.77	<b>22</b>	0123 0.70 1631 0.49 SU	<b>7</b>	0007 0.79 1548 0.44 MO 2348 0.88	<b>22</b>	0020 0.83 1428 0.38 TU
<b>8</b>	1250 0.85 2234 0.45 TU	<b>23</b>	1145 0.83 2107 0.43 WE	<b>8</b>	1108 0.77 1847 0.55 TH	<b>23</b>	1048 0.79 1852 0.49 FR	<b>8</b>	0533 0.60 1028 0.73 SU 1656 0.44 2346 0.87	<b>23</b>	0010 0.79 1632 0.43 MO 2358 0.90	<b>8</b>	0703 0.61 0931 0.62 TU 1622 0.39 2358 0.97	<b>23</b>	0012 0.93 1536 0.33 WE
<b>9</b>	1206 0.89 WE	<b>24</b>	1144 0.90 2029 0.48 TH	<b>9</b>	1106 0.81 1803 0.52 FR 2339 0.71	<b>24</b>	0112 0.64 0427 0.61 SA 1115 0.80 1807 0.49	<b>9</b>	0604 0.55 1104 0.74 MO 1715 0.39	<b>24</b>	0703 0.54 1033 0.60 TU 1645 0.36	<b>9</b>	0716 0.56 1040 0.62 WE 1649 0.35	<b>24</b>	0017 1.02 1625 0.27 TH
<b>10</b>	0351 0.52 1156 0.93 TH 1909 0.56 2320 0.65	<b>25</b>	0128 0.57 0342 0.56 FR 1158 0.94 1918 0.49	<b>10</b>	0513 0.53 1128 0.84 SA 1753 0.47 2351 0.81	<b>25</b>	0018 0.71 0529 0.54 SU 1130 0.79 1748 0.46	<b>10</b>	0002 0.96 0631 0.51 TU 1131 0.74 1734 0.35	<b>25</b>	0009 1.01 0732 0.52 WE 1046 0.59 1703 0.28	<b>10</b>	0017 1.06 0734 0.53 TH 1117 0.63 1715 0.30	<b>25</b>	0036 1.09 0839 0.52 FR 1013 0.53 1706 0.22
<b>11</b>	0503 0.47 1207 0.97 FR 1854 0.53 2351 0.74	<b>26</b>	0024 0.62 0508 0.49 SA 1212 0.96 1900 0.49	<b>11</b>	0549 0.48 1150 0.87 SU 1802 0.42	<b>26</b>	0001 0.82 0610 0.48 MO 1143 0.76 1746 0.41	<b>11</b>	0023 1.04 0656 0.49 WE 1154 0.74 1753 0.31	<b>26</b>	0033 1.10 0754 0.52 TH 1103 0.60 1724 0.22	<b>11</b>	0040 1.12 0751 0.51 FR 1145 0.63 1741 0.27	<b>26</b>	0100 1.13 0840 0.53 SA 1116 0.58 1743 0.19
<b>12</b>	0545 0.43 1224 0.99 SA 1849 0.48	<b>27</b>	0006 0.71 0553 0.43 SU 1224 0.94 1847 0.47	<b>12</b>	0011 0.90 0620 0.44 MO 1209 0.87 1817 0.38	<b>27</b>	0014 0.93 0643 0.46 TU 1154 0.73 1753 0.34	<b>12</b>	0045 1.11 0721 0.48 TH 1214 0.74 1810 0.28	<b>27</b>	0058 1.15 0806 0.54 FR 1129 0.63 1745 0.17	<b>12</b>	0105 1.17 0809 0.51 SA 1207 0.64 1805 0.24	<b>27</b>	0124 1.15 0834 0.53 SU 1205 0.63 1817 0.18
<b>13</b>	0017 0.83 0619 0.39 SU 1243 1.01 1859 0.44	<b>28</b>	0021 0.82 0629 0.39 MO 1237 0.90 1846 0.43	<b>13</b>	0033 0.98 0649 0.42 TU 1228 0.87 1833 0.34	<b>28</b>	0036 1.03 0712 0.46 WE 1158 0.71 1804 0.27	<b>13</b>	0109 1.15 0747 0.48 FR 1230 0.73 1827 0.25	<b>28</b>	0123 1.17 0813 0.55 SA 1200 0.66 1810 0.15	<b>13</b>	0130 1.19 0829 0.51 SU 1229 0.65 1828 0.22	<b>28</b>	0147 1.14 0832 0.51 MO 1247 0.67 1850 0.20
<b>14</b>	0042 0.90 0649 0.38 MO 1300 1.00 1914 0.41	<b>29</b>	0043 0.92 0702 0.39 TU 1246 0.86 1853 0.37	<b>14</b>	0056 1.04 0716 0.42 WE 1246 0.86 1849 0.31	<b>29</b>	0101 1.10 0737 0.49 TH 1206 0.71 1814 0.20	<b>14</b>	0134 1.17 0813 0.50 SA 1245 0.72 1844 0.24	<b>29</b>	0149 1.16 0829 0.56 SU 1234 0.69 1841 0.16	<b>14</b>	0157 1.19 0852 0.52 MO 1253 0.66 1852 0.22	<b>29</b>	0210 1.12 0849 0.48 TU 1329 0.70 1921 0.23
<b>15</b>	0107 0.95 0718 0.39 TU 1318 0.98 1931 0.38	<b>30</b>	0107 1.00 0731 0.43 WE 1250 0.83 1901 0.29	<b>15</b>	0120 1.08 0743 0.44 TH 1302 0.84 1903 0.29	<b>30</b>	0126 1.14 0801 0.53 FR 1222 0.73 1829 0.16	<b>15</b>	0158 1.17 0840 0.52 SU 1302 0.72 1903 0.24	<b>30</b>	0215 1.13 0853 0.55 MO 1310 0.71 1913 0.20	<b>15</b>	0223 1.16 0916 0.52 TU 1320 0.66 1918 0.24	<b>30</b>	0235 1.09 0913 0.45 WE 1410 0.72 1952 0.29
				<b>31</b>	0153 1.14 0824 0.56 SA 1244 0.75 1854 0.14					<b>31</b>	0300 1.04 0939 0.43 TH 1452 0.71 2022 0.36				

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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

\* Extra Tides