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# AUSTRALIA, EAST COAST – HAY POINT

LAT 21° 16' S LONG 149° 18' E  
Times and Heights of High and Low Waters

# 2015

Time Zone -1000

MAY		JUNE		JULY		AUGUST					
Time	m	Time	m	Time	m	Time	m				
<b>1</b>	0319 1.47	<b>16</b>	0326 0.95	<b>1</b>	0402 1.39	<b>16</b>	0451 0.99	<b>1</b>	0534 0.61	<b>16</b>	0553 1.08
	0911 5.59		0915 5.95		0945 5.24		1035 5.30		1119 5.59		1143 5.14
FR	1529 1.09	SA	1542 0.49	MO	1559 0.93	TU	1648 0.72	WE	1616 0.74	TH	1711 0.89
	2136 5.77		2147 6.51		2212 6.07		2258 6.46		2231 6.34	●	2320 6.22
<b>2</b>	0352 1.39	<b>17</b>	0414 0.84	<b>2</b>	0439 1.32	<b>17</b>	0533 1.04	<b>2</b>	0506 1.07	<b>17</b>	0552 1.11
	0942 5.55		1001 5.86		1022 5.21		1117 5.18		1048 5.24		1139 5.04
SA	1558 1.02	SU	1623 0.48	TU	1634 0.90	WE	1726 0.86	TH	1658 0.68	FR	1743 1.03
	2205 5.89		2230 6.63		2247 6.17	●	2338 6.35	○	2312 6.45	○	2353 6.07
<b>3</b>	0424 1.35	<b>18</b>	0500 0.84	<b>3</b>	0517 1.29	<b>18</b>	0612 1.15	<b>3</b>	0549 0.98	<b>18</b>	0624 1.21
	1011 5.49		1045 5.69		1101 5.16		1158 5.01		1133 5.26		1212 4.94
SU	1626 1.00	MO	1703 0.56	WE	1710 0.92	TH	1802 1.07	FR	1742 0.69	SA	1814 1.21
	2234 5.98	●	2312 6.62	○	2324 6.21				2354 6.47		
<b>4</b>	0456 1.35	<b>19</b>	0543 0.94	<b>4</b>	0558 1.31	<b>19</b>	0016 6.14	<b>4</b>	0633 0.95	<b>19</b>	0025 5.86
	1042 5.38		1129 5.45		1141 5.07		0649 1.32		1219 5.24		0653 1.34
MO	1656 1.02	TU	1742 0.76	TH	1748 1.01	FR	1237 4.83	SA	1826 0.80	SU	1243 4.83
○	2305 6.01		2354 6.46				1838 1.34		1913 1.01		1844 1.45
<b>5</b>	0529 1.41	<b>20</b>	0626 1.14	<b>5</b>	0003 6.17	<b>20</b>	0053 5.86	<b>5</b>	0038 6.37	<b>20</b>	0055 5.59
	1115 5.24		1214 5.15		0640 1.37		0725 1.52		0718 0.99		0723 1.50
TU	1726 1.10	WE	1821 1.07	FR	1225 4.95	SA	1316 4.63	SU	1308 5.18	MO	1317 4.68
	2336 5.98				1829 1.16		1913 1.64		1913 1.01		1915 1.73
<b>6</b>	0603 1.53	<b>21</b>	0036 6.18	<b>6</b>	0046 6.06	<b>21</b>	0130 5.54	<b>6</b>	0125 6.15	<b>21</b>	0127 5.28
	1149 5.06		0709 1.41		0726 1.45		0805 1.72		0806 1.08		0756 1.69
WE	1758 1.25	TH	1259 4.82	SA	1315 4.83	SU	1359 4.45	MO	1401 5.09	TU	1356 4.52
			1900 1.44		1916 1.37		1952 1.97		2006 1.29		1951 2.06
<b>7</b>	0010 5.89	<b>22</b>	0119 5.82	<b>7</b>	0135 5.89	<b>22</b>	0212 5.22	<b>7</b>	0217 5.86	<b>22</b>	0205 4.92
	0640 1.68		0754 1.70		0819 1.53		0849 1.89		0858 1.19		0836 1.89
TH	1227 4.84	FR	1347 4.51	SU	1413 4.73	MO	1451 4.31	TU	1502 5.03	WE	1446 4.36
	1833 1.44		1943 1.84		2013 1.60		2041 2.28		2106 1.57		2041 2.39
<b>8</b>	0050 5.74	<b>23</b>	0206 5.45	<b>8</b>	0232 5.70	<b>23</b>	0302 4.91	<b>8</b>	0317 5.53	<b>23</b>	0254 4.57
	0724 1.84		0845 1.94		0920 1.54		0945 2.01		0959 1.27		0931 2.06
FR	1313 4.63	SA	1442 4.28	MO	1521 4.73	TU	1557 4.26	WE	1613 5.06	TH	1556 4.28
	1916 1.68		2035 2.21		2121 1.78		2150 2.52		2218 1.79		2157 2.62
<b>9</b>	0139 5.57	<b>24</b>	0301 5.13	<b>9</b>	0340 5.55	<b>24</b>	0407 4.68	<b>9</b>	0428 5.25	<b>24</b>	0406 4.32
	0822 1.97		0948 2.08		1028 1.46		1052 2.01		1107 1.27		1044 2.08
SA	1416 4.46	SU	1552 4.19	TU	1638 4.89	WE	1713 4.37	TH	1728 5.21	FR	1717 4.42
	2015 1.92		2145 2.47		2240 1.85	●	2318 2.56	●	2343 1.84	●	2336 2.58
<b>10</b>	0244 5.42	<b>25</b>	0409 4.92	<b>10</b>	0454 5.47	<b>25</b>	0519 4.60	<b>10</b>	0545 5.09	<b>25</b>	0527 4.28
	0936 1.97		1101 2.06		1138 1.28		1155 1.88		1218 1.18		1155 1.91
SU	1537 4.44	MO	1715 4.30	WE	1753 5.19	TH	1820 4.64	FR	1842 5.50	SA	1826 4.75
	2136 2.06		2313 2.51	●							
<b>11</b>	0404 5.39	<b>26</b>	0522 4.87	<b>11</b>	0001 1.75	<b>26</b>	0033 2.38	<b>11</b>	0106 1.68	<b>26</b>	0050 2.29
	1057 1.77		1205 1.90		0607 5.47		0622 4.65		0659 5.06		0635 4.43
MO	1704 4.68	TU	1825 4.58	TH	1243 1.07	FR	1248 1.66	SA	1325 1.04	SU	1252 1.63
●	2305 1.97	●			1900 5.56		1913 4.99		1947 5.82		1921 5.17
<b>12</b>	0524 5.52	<b>27</b>	0027 2.35	<b>12</b>	0116 1.55	<b>27</b>	0129 2.10	<b>12</b>	0216 1.43	<b>27</b>	0147 1.93
	1210 1.44		0626 4.95		0713 5.49		0714 4.78		0805 5.11		0730 4.66
TU	1819 5.09	WE	1257 1.68	FR	1343 0.87	SA	1332 1.42	SU	1423 0.90	MO	1342 1.32
			1916 4.91		1958 5.92		1956 5.35		2041 6.09		2007 5.58
<b>13</b>	0025 1.71	<b>28</b>	0123 2.10	<b>13</b>	0222 1.32	<b>28</b>	0216 1.82	<b>13</b>	0312 1.20	<b>28</b>	0235 1.58
	0634 5.73		0716 5.07		0811 5.49		0800 4.90		0859 5.15		0819 4.89
WE	1313 1.08	TH	1339 1.46	SA	1436 0.73	SU	1414 1.20	MO	1513 0.81	TU	1429 1.03
	1921 5.55		1956 5.24		2050 6.20		2036 5.66		2127 6.26		2050 5.94
<b>14</b>	0134 1.40	<b>29</b>	0208 1.86	<b>14</b>	0317 1.13	<b>29</b>	0259 1.58	<b>14</b>	0400 1.06	<b>29</b>	0321 1.27
	0734 5.90		0758 5.17		0903 5.46		0842 5.01		0945 5.16		0905 5.10
TH	1408 0.79	FR	1416 1.27	SU	1524 0.66	MO	1454 1.01	TU	1557 0.78	WE	1514 0.78
	2015 5.96		2032 5.51		2136 6.39		2114 5.93		2208 6.33		2132 6.26
<b>15</b>	0233 1.13	<b>30</b>	0248 1.66	<b>15</b>	0407 1.03	<b>30</b>	0341 1.38	<b>15</b>	0442 1.02	<b>30</b>	0406 1.01
	0827 5.97		0834 5.23		0951 5.40		0924 5.10		1026 5.15		0949 5.29
FR	1458 0.60	SA	1451 1.12	MO	1608 0.66	TU	1535 0.86	WE	1636 0.81	TH	1600 0.58
	2102 6.28		2105 5.74		2218 6.48		2152 6.16		2245 6.31		2213 6.51
<b>31</b>	0325 1.50		0910 5.25							<b>31</b>	0450 0.78
			1524 1.01								1034 5.46
			2138 5.93								FR 1646 0.44
											○ 2256 6.67

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Datum of Predictions is Lowest Astronomical Tide  
Moon Symbols

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

Bureau of Meteorology

National Tidal Centre

# AUSTRALIA, EAST COAST – HAY POINT

LAT 21° 16' S LONG 149° 18' E

Times and Heights of High and Low Waters

# 2015

Time Zone -1000

## SEPTEMBER

Time	m	Time	m
<b>1</b>	0003 6.50 0636 0.36 TU 1233 5.95 1850 0.62	<b>16</b>	0606 1.19 1207 5.22 WE 1819 1.53
<b>2</b>	0048 6.09 0718 0.62 WE 1321 5.75 1938 1.04	<b>17</b>	0015 5.09 0630 1.39 TH 1235 5.05 1848 1.82
<b>3</b>	0137 5.56 0803 0.98 TH 1415 5.48 2034 1.51	<b>18</b>	0043 4.76 0657 1.64 FR 1307 4.84 1923 2.12
<b>4</b>	0233 4.99 0858 1.37 FR 1521 5.22 2146 1.88	<b>19</b>	0116 4.40 0732 1.91 SA 1351 4.63 2015 2.41
<b>5</b>	0347 4.53 1011 1.66 SA 1643 5.12 ☉ 2321 1.98	<b>20</b>	0208 4.07 0826 2.17 SU 1504 4.49 2147 2.55
<b>6</b>	0523 4.38 1140 1.69 SU 1811 5.28	<b>21</b>	0344 3.88 1002 2.27 MO 1647 4.61 ☾ 2335 2.31
<b>7</b>	0053 1.71 0652 4.58 MO 1259 1.47 1920 5.60	<b>22</b>	0531 4.08 1138 2.01 TU 1808 5.03
<b>8</b>	0157 1.34 0754 4.91 TU 1400 1.19 2012 5.87	<b>23</b>	0049 1.83 0644 4.53 WE 1247 1.56 1909 5.53
<b>9</b>	0245 1.06 0840 5.16 WE 1448 0.99 2054 6.01	<b>24</b>	0145 1.33 0739 5.01 TH 1345 1.12 1959 5.98
<b>10</b>	0324 0.93 0918 5.29 TH 1527 0.91 2131 6.04	<b>25</b>	0234 0.89 0827 5.44 FR 1438 0.74 2046 6.32
<b>11</b>	0358 0.89 0951 5.35 FR 1601 0.91 2203 6.00	<b>26</b>	0321 0.55 0912 5.80 SA 1528 0.46 2130 6.54
<b>12</b>	0428 0.91 1021 5.38 SA 1632 0.95 2232 5.92	<b>27</b>	0404 0.29 0957 6.10 SU 1616 0.29 2214 6.61
<b>13</b>	0455 0.93 1049 5.39 SU 1700 1.02 ☉ 2259 5.80	<b>28</b>	0447 0.14 1041 6.30 MO 1702 0.24 ☾ 2258 6.51
<b>14</b>	0520 0.97 1115 5.38 MO 1726 1.13 2324 5.62	<b>29</b>	0528 0.13 1125 6.37 TU 1748 0.36 2343 6.23
<b>15</b>	0543 1.05 1140 5.33 TU 1752 1.30 2350 5.39	<b>30</b>	0609 0.29 1211 6.27 WE 1835 0.65

## OCTOBER

Time	m	Time	m
<b>1</b>	0028 5.78 0650 0.61 TH 1259 6.01 1924 1.07	<b>16</b>	0601 1.30 1209 5.36 FR 1831 1.75
<b>2</b>	0117 5.23 0735 1.06 FR 1351 5.65 2020 1.53	<b>17</b>	0020 4.65 0629 1.53 SA 1242 5.17 1908 2.00
<b>3</b>	0215 4.68 0828 1.53 SA 1453 5.30 2130 1.88	<b>18</b>	0057 4.36 0704 1.79 SU 1325 4.97 1958 2.22
<b>4</b>	0329 4.28 0940 1.90 SU 1613 5.09 2303 1.95	<b>19</b>	0149 4.09 0755 2.06 MO 1429 4.81 2120 2.32
<b>5</b>	0508 4.21 1115 1.97 MO 1741 5.15 ☉	<b>20</b>	0317 3.95 0921 2.23 TU 1600 4.82 2257 2.11
<b>6</b>	0029 1.70 0636 4.50 TU 1238 1.74 1852 5.40	<b>21</b>	0501 4.16 1101 2.07 WE 1728 5.12 ☾
<b>7</b>	0130 1.36 0733 4.89 WE 1337 1.44 1944 5.63	<b>22</b>	0014 1.67 0618 4.63 TH 1219 1.67 1836 5.54
<b>8</b>	0215 1.09 0817 5.20 TH 1424 1.21 2025 5.77	<b>23</b>	0114 1.19 0716 5.16 FR 1323 1.24 1931 5.91
<b>9</b>	0253 0.94 0853 5.39 FR 1502 1.10 2102 5.80	<b>24</b>	0207 0.77 0807 5.64 SA 1420 0.88 2021 6.17
<b>10</b>	0326 0.88 0925 5.50 SA 1536 1.06 2133 5.77	<b>25</b>	0254 0.45 0853 6.04 SU 1511 0.62 2107 6.28
<b>11</b>	0354 0.86 0954 5.58 SU 1607 1.06 2203 5.69	<b>26</b>	0339 0.24 0938 6.34 MO 1600 0.46 2152 6.27
<b>12</b>	0421 0.86 1022 5.62 MO 1636 1.10 2230 5.57	<b>27</b>	0421 0.14 1022 6.54 TU 1647 0.43 ☉ 2238 6.13
<b>13</b>	0447 0.89 1048 5.64 TU 1704 1.18 ☉ 2256 5.40	<b>28</b>	0503 0.17 1106 6.59 WE 1734 0.53 2324 5.85
<b>14</b>	0510 0.97 1114 5.60 WE 1732 1.32 2323 5.19	<b>29</b>	0543 0.36 1151 6.48 TH 1821 0.77
<b>15</b>	0535 1.10 1141 5.51 TH 1800 1.52 2351 4.93	<b>30</b>	0010 5.45 0625 0.69 FR 1238 6.20 1910 1.12
<b>31</b>	0100 4.98 0709 1.14 SA 1328 5.82 2003 1.50		

## NOVEMBER

Time	m	Time	m
<b>1</b>	0155 4.54 0759 1.61 SU 1424 5.42 2106 1.81	<b>16</b>	0050 4.46 0652 1.62 MO 1313 5.38 1955 1.95
<b>2</b>	0303 4.22 0904 2.02 MO 1532 5.12 2224 1.92	<b>17</b>	0144 4.28 0744 1.87 TU 1411 5.22 2102 1.99
<b>3</b>	0430 4.15 1030 2.20 TU 1653 5.02 ☉ 2345 1.79	<b>18</b>	0300 4.21 0858 2.05 WE 1526 5.16 2222 1.85
<b>4</b>	0559 4.39 1158 2.09 WE 1808 5.13	<b>19</b>	0428 4.38 1028 2.03 TH 1649 5.27 ☉ 2337 1.53
<b>5</b>	0047 1.53 0700 4.76 TH 1303 1.83 1905 5.30	<b>20</b>	0548 4.79 1150 1.79 FR 1801 5.50
<b>6</b>	0135 1.28 0746 5.11 FR 1352 1.59 1949 5.43	<b>21</b>	0041 1.14 0652 5.29 SA 1300 1.45 1903 5.72
<b>7</b>	0214 1.10 0823 5.38 SA 1433 1.41 2027 5.49	<b>22</b>	0138 0.79 0747 5.77 SU 1402 1.13 1958 5.86
<b>8</b>	0248 0.98 0857 5.57 SU 1509 1.30 2101 5.49	<b>23</b>	0229 0.53 0836 6.16 MO 1458 0.89 2048 5.90
<b>9</b>	0319 0.91 0927 5.71 MO 1542 1.25 2133 5.43	<b>24</b>	0316 0.37 0923 6.45 TU 1549 0.75 2136 5.85
<b>10</b>	0347 0.87 0956 5.81 TU 1614 1.24 2202 5.34	<b>25</b>	0400 0.31 1007 6.63 WE 1637 0.69 2223 5.72
<b>11</b>	0415 0.88 1024 5.85 WE 1645 1.27 2232 5.21	<b>26</b>	0442 0.35 1051 6.68 TH 1724 0.75 ☉ 2309 5.52
<b>12</b>	0443 0.93 1052 5.86 TH 1717 1.35 ☉ 2302 5.06	<b>27</b>	0524 0.51 1135 6.58 FR 1809 0.91 2355 5.24
<b>13</b>	0511 1.03 1122 5.80 FR 1749 1.48 2334 4.87	<b>28</b>	0605 0.79 1219 6.33 SA 1854 1.16
<b>14</b>	0541 1.18 1154 5.70 SA 1824 1.64	<b>29</b>	0043 4.93 0647 1.16 SU 1304 5.99 1941 1.44
<b>15</b>	0009 4.67 0614 1.38 SU 1230 5.55 1904 1.81	<b>30</b>	0132 4.61 0731 1.58 MO 1351 5.60 2032 1.71

## DECEMBER

Time	m	Time	m
<b>1</b>	0227 4.36 0822 1.98 TU 1446 5.25 2131 1.89	<b>16</b>	0139 4.67 0738 1.59 WE 1358 5.66 2045 1.65
<b>2</b>	0333 4.22 0928 2.29 WE 1551 4.98 2240 1.92	<b>17</b>	0241 4.61 0841 1.82 TH 1500 5.48 2149 1.61
<b>3</b>	0454 4.28 1054 2.41 TH 1705 4.88 ☉ 2348 1.81	<b>18</b>	0357 4.69 0957 1.96 FR 1613 5.37 2300 1.47
<b>4</b>	0610 4.54 1212 2.28 FR 1812 4.93	<b>19</b>	0515 4.95 1121 1.92 SA 1729 5.37 ☉
<b>5</b>	0044 1.60 0706 4.89 SA 1312 2.05 1906 5.03	<b>20</b>	0009 1.24 0627 5.35 SU 1240 1.71 1838 5.43
<b>6</b>	0129 1.39 0749 5.22 SU 1359 1.82 1950 5.13	<b>21</b>	0112 0.98 0730 5.78 MO 1349 1.44 1941 5.49
<b>7</b>	0208 1.21 0827 5.51 MO 1440 1.62 2028 5.18	<b>22</b>	0209 0.77 0824 6.16 TU 1450 1.19 2037 5.51
<b>8</b>	0242 1.07 0900 5.73 TU 1518 1.48 2103 5.19	<b>23</b>	0300 0.62 0913 6.44 WE 1543 1.01 2128 5.50
<b>9</b>	0315 0.98 0931 5.90 WE 1553 1.39 2137 5.17	<b>24</b>	0347 0.56 0958 6.60 TH 1630 0.92 2215 5.45
<b>10</b>	0347 0.92 1003 6.01 TH 1628 1.35 2211 5.13	<b>25</b>	0430 0.57 1040 6.66 FR 1715 0.92 ☉ 2258 5.37
<b>11</b>	0421 0.91 1035 6.08 FR 1704 1.34 ☉ 2246 5.07	<b>26</b>	0510 0.67 1121 6.59 SA 1755 1.00 2341 5.24
<b>12</b>	0454 0.93 1108 6.11 SA 1741 1.37 2323 5.00	<b>27</b>	0548 0.85 1200 6.41 SU 1835 1.16
<b>13</b>	0529 1.01 1144 6.08 SU 1820 1.43	<b>28</b>	0022 5.06 0626 1.13 MO 1239 6.13 1913 1.37
<b>14</b>	0003 4.90 0607 1.15 MO 1223 5.99 1902 1.52	<b>29</b>	0103 4.86 0703 1.46 TU 1318 5.79 1952 1.60
<b>15</b>	0047 4.78 0649 1.35 TU 1306 5.84 1949 1.60	<b>30</b>	0145 4.64 0742 1.83 WE 1359 5.43 2035 1.82
<b>31</b>	0233 4.45 0827 2.20 TH 1447 5.07 2126 2.00		