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# AUSTRALIA, EAST COAST – SHUTE HARBOUR

LAT 20° 17' S LONG 148° 47' E  
Times and Heights of High and Low Waters

# 2014

Time Zone -1000

## JANUARY

Time	m	Time	m
<b>1</b>	0341 0.10	<b>16</b>	0419 0.64
	1032 4.20		1057 3.63
WE	1654 0.58	TH	1718 1.01
●	2242 2.99	○	2301 2.65
<b>2</b>	0430 0.09	<b>17</b>	0447 0.70
	1117 4.24		1126 3.57
TH	1742 0.54	FR	1746 1.03
	2333 2.97		2332 2.63
<b>3</b>	0520 0.18	<b>18</b>	0517 0.79
	1204 4.17		1155 3.48
FR	1831 0.55	SA	1817 1.06
<b>4</b>	0026 2.93	<b>19</b>	0005 2.60
	0611 0.36		0548 0.91
SA	1252 3.99	SU	1225 3.36
	1924 0.61		1849 1.10
<b>5</b>	0121 2.87	<b>20</b>	0041 2.56
	0704 0.62		0620 1.07
SU	1342 3.72	MO	1257 3.21
	2022 0.67		1924 1.15
<b>6</b>	0224 2.82	<b>21</b>	0123 2.52
	0805 0.91		0657 1.25
MO	1439 3.41	TU	1330 3.03
	2125 0.72		2005 1.17
<b>7</b>	0338 2.83	<b>22</b>	0213 2.51
	0923 1.17		0750 1.43
TU	1547 3.13	WE	1414 2.86
	2230 0.73		2057 1.17
<b>8</b>	0454 2.93	<b>23</b>	0320 2.55
	1053 1.29		0909 1.57
WE	1703 2.93	TH	1517 2.71
●	2334 0.70		2204 1.10
<b>9</b>	0609 3.11	<b>24</b>	0445 2.71
	1221 1.27		1047 1.56
TH	1818 2.84	FR	1642 2.65
		●	2312 0.96
<b>10</b>	0036 0.64	<b>25</b>	0601 3.01
	0713 3.34		1214 1.40
FR	1334 1.14	SA	1757 2.70
	1923 2.81		
<b>11</b>	0129 0.58	<b>26</b>	0013 0.77
	0806 3.53		0704 3.35
SA	1429 1.01	SU	1325 1.16
	2015 2.80		1902 2.80
<b>12</b>	0214 0.55	<b>27</b>	0107 0.56
	0849 3.65		0758 3.68
SU	1512 0.94	MO	1422 0.93
	2058 2.78		1959 2.92
<b>13</b>	0251 0.55	<b>28</b>	0156 0.38
	0926 3.70		0846 3.95
MO	1550 0.93	TU	1509 0.74
	2134 2.74		2052 3.03
<b>14</b>	0324 0.57	<b>29</b>	0243 0.22
	0959 3.70		0931 4.16
TU	1622 0.94	WE	1553 0.60
	2205 2.70		2141 3.12
<b>15</b>	0352 0.60	<b>30</b>	0331 0.13
	1028 3.68		1016 4.28
WE	1651 0.97	TH	1636 0.50
	2233 2.67		2230 3.20
<b>31</b>	0418 0.11		
	1100 4.29		
FR	1720 0.45		
●	2318 3.24		

## FEBRUARY

Time	m	Time	m
<b>1</b>	0506 0.19	<b>16</b>	0459 0.80
	1144 4.18		1129 3.49
SA	1804 0.47	SU	1741 0.95
			2342 2.91
<b>2</b>	0007 3.23	<b>17</b>	0529 0.91
	0555 0.38		1157 3.36
SU	1228 3.95	MO	1808 0.98
	1850 0.56		
<b>3</b>	0057 3.17	<b>18</b>	0016 2.89
	0645 0.67		0600 1.05
MO	1313 3.62	TU	1225 3.19
	1939 0.69		1836 1.02
<b>4</b>	0150 3.07	<b>19</b>	0052 2.86
	0741 0.99		0636 1.22
TU	1401 3.25	WE	1254 3.01
	2034 0.84		1908 1.07
<b>5</b>	0255 2.97	<b>20</b>	0135 2.83
	0853 1.29		0725 1.39
WE	1502 2.90	TH	1333 2.81
	2140 0.96		1953 1.12
<b>6</b>	0416 2.96	<b>21</b>	0233 2.82
	1029 1.45		0839 1.53
TH	1629 2.65	FR	1434 2.62
	2254 1.00		2102 1.16
<b>7</b>	0537 3.06	<b>22</b>	0356 2.88
	1205 1.40		1021 1.55
FR	1758 2.59	SA	1609 2.51
●			2228 1.10
<b>8</b>	0005 0.95	<b>23</b>	0526 3.10
	0650 3.25		1157 1.37
SA	1321 1.22	SU	1741 2.60
	1910 2.66	●	2346 0.92
<b>9</b>	0108 0.85	<b>24</b>	0638 3.42
	0745 3.45		1311 1.09
SU	1414 1.05	MO	1854 2.78
	2003 2.76		
<b>10</b>	0156 0.76	<b>25</b>	0050 0.71
	0829 3.58		0737 3.73
MO	1455 0.94	TU	1407 0.84
	2045 2.82		1954 2.98
<b>11</b>	0235 0.70	<b>26</b>	0145 0.50
	0905 3.65		0828 3.97
TU	1528 0.90	WE	1453 0.64
	2119 2.85		2045 3.16
<b>12</b>	0307 0.68	<b>27</b>	0234 0.35
	0936 3.67		0914 4.12
WE	1558 0.91	TH	1534 0.51
	2147 2.86		2131 3.31
<b>13</b>	0336 0.68	<b>28</b>	0320 0.26
	1005 3.66		0957 4.17
TH	1624 0.92	FR	1613 0.42
	2214 2.87		2216 3.43
<b>14</b>	0402 0.69	<b>29</b>	0402 0.69
	1033 3.63		1033 3.63
FR	1649 0.93		1649 0.93
	2242 2.89		2242 2.89
<b>15</b>	0430 0.72	<b>30</b>	0430 0.72
	1101 3.58		1101 3.58
SA	1714 0.94		1714 0.94
○	2310 2.91		2310 2.91

## MARCH

Time	m	Time	m
<b>1</b>	0406 0.25	<b>16</b>	0411 0.80
	1039 4.13		1031 3.47
SA	1654 0.39	SU	1639 0.80
●	2301 3.50		2249 3.19
<b>2</b>	0453 0.34	<b>17</b>	0442 0.85
	1121 3.97		1059 3.37
SU	1734 0.42	MO	1705 0.79
	2346 3.51	○	2321 3.22
<b>3</b>	0540 0.53	<b>18</b>	0515 0.94
	1202 3.70		1129 3.24
MO	1814 0.53	TU	1729 0.81
			2355 3.23
<b>4</b>	0031 3.43	<b>19</b>	0549 1.05
	0628 0.80		1158 3.07
TU	1243 3.36	WE	1756 0.85
	1855 0.71		
<b>5</b>	0118 3.30	<b>20</b>	0031 3.21
	0721 1.10		0630 1.19
WE	1325 2.99	TH	1231 2.88
	1939 0.92		1828 0.92
<b>6</b>	0212 3.13	<b>21</b>	0113 3.16
	0829 1.37		0723 1.33
TH	1419 2.64	FR	1314 2.69
	2036 1.14		1914 1.02
<b>7</b>	0326 3.00	<b>22</b>	0208 3.11
	1004 1.50		0836 1.43
FR	1551 2.40	SA	1419 2.50
	2201 1.27		2023 1.13
<b>8</b>	0455 2.99	<b>23</b>	0324 3.11
	1141 1.44		1012 1.40
SA	1735 2.39	SU	1557 2.43
●	2327 1.26		2156 1.15
<b>9</b>	0614 3.12	<b>24</b>	0456 3.24
	1257 1.25		1143 1.19
SU	1852 2.54	MO	1732 2.58
		●	2324 1.02
<b>10</b>	0038 1.14	<b>25</b>	0612 3.48
	0713 3.30		1253 0.92
MO	1347 1.06	TU	1847 2.83
	1944 2.72		
<b>11</b>	0131 1.01	<b>26</b>	0035 0.83
	0758 3.44		0715 3.71
TU	1425 0.93	WE	1347 0.68
	2023 2.86		1946 3.09
<b>12</b>	0211 0.90	<b>27</b>	0134 0.65
	0834 3.52		0807 3.87
WE	1458 0.87	TH	1432 0.52
	2055 2.95		2036 3.30
<b>13</b>	0243 0.83	<b>28</b>	0224 0.52
	0906 3.56		0853 0.92
TH	1525 0.84	FR	1512 0.42
	2124 3.02		2120 3.48
<b>14</b>	0313 0.79	<b>29</b>	0311 0.47
	0935 3.56		0936 3.89
FR	1550 0.83	SA	1549 0.36
	2151 3.07		2202 3.61
<b>15</b>	0341 0.78	<b>30</b>	0356 0.48
	1003 3.53		1016 3.78
SA	1615 0.81	SU	1625 0.35
	2219 3.13		2244 3.70
<b>31</b>	0442 0.56		
	1057 3.60		
MO	1703 0.40		
●	2326 3.70		

## APRIL

Time	m	Time	m
<b>1</b>	0527 0.72	<b>16</b>	0504 0.94
	1137 3.34		1103 3.07
TU	1740 0.53	WE	1657 0.61
			2337 3.54
<b>2</b>	0007 3.62	<b>17</b>	0545 1.00
	0615 0.92		1140 2.92
WE	1216 3.03	TH	1729 0.65
	1817 0.72		
<b>3</b>	0048 3.47	<b>18</b>	0017 3.53
	0706 1.15		0632 1.09
TH	1256 2.72	FR	1221 2.75
	1854 0.95		1809 0.75
<b>4</b>	0133 3.27	<b>19</b>	0102 3.47
	0808 1.36		0728 1.18
FR	1343 2.43	SA	1313 2.58
	1938 1.19		1900 0.88
<b>5</b>	0229 3.08	<b>20</b>	0155 3.39
	0934 1.46		0838 1.21
SA	1502 2.23	SU	1420 2.46
	2045 1.40		2008 1.03
<b>6</b>	0352 2.96	<b>21</b>	0305 3.33
	1101 1.41		1004 1.14
SU	1657 2.23	MO	1553 2.46
	2228 1.48		2135 1.11
<b>7</b>	0518 2.98	<b>22</b>	0430 3.37
	1214 1.26		1122 0.95
MO	1819 2.40	TU	1721 2.64
●	2352 1.39	●	2304 1.05
<b>8</b>	0625 3.10	<b>23</b>	0546 3.49
	1306 1.08		1227 0.73
TU	1913 2.62	WE	1833 2.92
<b>9</b>	0052 1.25	<b>24</b>	0019 0.92
	0714 3.23		0650 3.60
WE	1346 0.94	TH	1322 0.54
	1952 2.82		1933 3.19
<b>10</b>	0137 1.11	<b>25</b>	0123 0.79
	0753 3.32		0744 3.64
TH	1417 0.84	FR	1408 0.41
	2025 2.98		2023 3.42
<b>11</b>	0213 1.00	<b>26</b>	0217 0.71
	0827 3.36		0832 3.60
FR	1446 0.77	SA	1448 0.35
	2055 3.11		2107 3.59
<b>12</b>			

# AUSTRALIA, EAST COAST – SHUTE HARBOUR

LAT 20° 17' S LONG 148° 47' E  
Times and Heights of High and Low Waters

# 2014

Time Zone -1000

MAY		JUNE		JULY		AUGUST									
Time	m	Time	m	Time	m	Time	m								
<b>1</b>	0604 0.99 1153 2.74 TH 1745 0.71	<b>16</b>	0541 0.86 1129 2.82 FR 1715 0.45	<b>1</b>	0035 3.40 0713 1.14 SU 1249 2.33 1827 1.00	<b>16</b>	0042 3.93 0716 0.65 MO 1308 2.73 1850 0.51	<b>1</b>	0043 3.27 0715 1.06 TU 1301 2.35 1840 1.02	<b>16</b>	0114 3.76 0747 0.48 WE 1351 2.88 1935 0.65	<b>1</b>	0116 2.90 0746 1.02 FR 1354 2.43 1936 1.29	<b>16</b>	0237 2.86 0909 0.69 SA 1542 2.92 2157 1.18
<b>2</b>	0023 3.55 0650 1.14 FR 1231 2.52 1818 0.91	<b>17</b>	0006 3.80 0631 0.89 SA 1218 2.71 1802 0.55	<b>2</b>	0111 3.24 0759 1.21 MO 1333 2.24 1910 1.18	<b>17</b>	0133 3.77 0815 0.66 TU 1410 2.69 1949 0.72	<b>2</b>	0116 3.12 0756 1.10 WE 1346 2.31 1923 1.20	<b>17</b>	0206 3.47 0846 0.55 TH 1457 2.85 2043 0.92	<b>2</b>	0154 2.71 0832 1.05 SA 1451 2.43 2043 1.44	<b>17</b>	0358 2.58 1021 0.76 SU 1703 2.98 2330 1.18
<b>3</b>	0102 3.36 0743 1.27 SA 1314 2.33 1856 1.12	<b>18</b>	0052 3.74 0728 0.92 SU 1313 2.60 1857 0.70	<b>3</b>	0153 3.08 0855 1.23 TU 1432 2.19 2005 1.35	<b>18</b>	0230 3.56 0920 0.64 WE 1522 2.72 2101 0.93	<b>3</b>	0156 2.95 0843 1.12 TH 1441 2.29 2019 1.38	<b>18</b>	0308 3.16 0950 0.59 FR 1611 2.89 2209 1.12	<b>3</b>	0247 2.53 0932 1.03 SU 1609 2.52 2214 1.48	<b>18</b>	0526 2.47 1134 0.75 MO 1819 3.13
<b>4</b>	0144 3.17 0851 1.35 SU 1412 2.18 1947 1.33	<b>19</b>	0146 3.62 0833 0.92 MO 1420 2.53 2000 0.88	<b>4</b>	0246 2.93 0958 1.21 WE 1552 2.22 2117 1.49	<b>19</b>	0338 3.36 1025 0.60 TH 1638 2.83 2225 1.06	<b>4</b>	0243 2.78 0939 1.09 FR 1552 2.34 2133 1.49	<b>19</b>	0423 2.91 1055 0.59 SA 1728 3.02 2340 1.15	<b>4</b>	0406 2.43 1040 0.93 MO 1729 2.75 2344 1.35	<b>19</b>	0053 1.02 0643 2.52 TU 1242 0.67 1921 3.32
<b>5</b>	0241 3.00 1007 1.34 MO 1550 2.15 2102 1.49	<b>20</b>	0250 3.50 0947 0.86 TU 1542 2.57 2118 1.01	<b>5</b>	0352 2.83 1055 1.12 TH 1710 2.36 2239 1.51	<b>20</b>	0450 3.20 1127 0.53 FR 1752 3.03 2351 1.08	<b>5</b>	0347 2.66 1037 1.01 SA 1708 2.51 2257 1.48	<b>20</b>	0541 2.76 1200 0.56 SU 1841 3.21	<b>5</b>	0527 2.46 1144 0.76 TU 1836 3.06	<b>20</b>	0153 0.84 0744 2.62 WE 1337 0.59 2010 3.45
<b>6</b>	0359 2.91 1113 1.25 TU 1718 2.27 2237 1.52	<b>21</b>	0405 3.43 1055 0.73 WE 1702 2.75 2245 1.05	<b>6</b>	0458 2.81 1145 0.99 FR 1812 2.58 2351 1.43	<b>21</b>	0600 3.08 1226 0.45 SA 1859 3.26	<b>6</b>	0457 2.62 1132 0.87 SU 1814 2.77	<b>21</b>	0103 1.05 0654 2.71 MO 1302 0.50 1942 3.41	<b>6</b>	0059 1.13 0634 2.56 WE 1240 0.56 1932 3.38	<b>21</b>	0238 0.72 0830 2.69 TH 1421 0.53 2051 3.52
<b>7</b>	0513 2.92 1209 1.11 WE 1823 2.48 2353 1.43	<b>22</b>	0517 3.40 1158 0.57 TH 1814 2.99	<b>7</b>	0554 2.83 1228 0.84 SA 1902 2.84	<b>22</b>	0109 1.01 0706 2.99 SU 1321 0.40 1956 3.47	<b>7</b>	0014 1.36 0600 2.65 MO 1221 0.70 1909 3.07	<b>22</b>	0206 0.90 0754 2.70 TU 1354 0.46 2031 3.55	<b>7</b>	0158 0.88 0733 2.69 TH 1331 0.37 2022 3.67	<b>22</b>	0315 0.67 0908 2.72 FR 1456 0.52 2125 3.52
<b>8</b>	0612 2.99 1252 0.96 TH 1909 2.71	<b>23</b>	0005 1.00 0624 3.38 FR 1254 0.45 1917 3.25	<b>8</b>	0053 1.29 0644 2.87 SU 1308 0.69 1946 3.10	<b>23</b>	0211 0.92 0803 2.91 MO 1409 0.38 2044 3.61	<b>8</b>	0120 1.17 0655 2.70 TU 1308 0.54 1958 3.36	<b>23</b>	0256 0.80 0843 2.70 WE 1437 0.45 2112 3.62	<b>8</b>	0246 0.67 0827 2.81 FR 1420 0.20 2108 3.89	<b>23</b>	0346 0.69 0939 2.72 SA 1526 0.53 2154 3.48
<b>9</b>	0050 1.30 0658 3.07 FR 1328 0.83 1947 2.93	<b>24</b>	0115 0.92 0723 3.33 SA 1344 0.37 2010 3.48	<b>9</b>	0146 1.15 0730 2.89 MO 1345 0.56 2026 3.35	<b>24</b>	0302 0.86 0851 2.82 TU 1450 0.39 2126 3.69	<b>9</b>	0215 0.98 0748 2.75 WE 1352 0.38 2043 3.63	<b>24</b>	0337 0.76 0924 2.67 TH 1514 0.47 2147 3.62	<b>9</b>	0331 0.51 0917 2.93 SA 1507 0.07 2152 4.05	<b>24</b>	0413 0.71 1007 2.72 SU 1554 0.56 2223 3.43
<b>10</b>	0135 1.17 0737 3.12 SA 1359 0.71 2022 3.13	<b>25</b>	0213 0.86 0815 3.23 SU 1427 0.34 2055 3.64	<b>10</b>	0233 1.01 0813 2.90 TU 1421 0.44 2106 3.57	<b>25</b>	0346 0.83 0933 2.73 WE 1526 0.43 2203 3.70	<b>10</b>	0302 0.81 0838 2.80 TH 1435 0.24 2127 3.85	<b>25</b>	0411 0.77 0958 2.63 FR 1545 0.50 2219 3.58	<b>10</b>	0413 0.38 1006 3.04 SU 1554 0.01 2237 4.11	<b>25</b>	0438 0.74 1035 2.73 MO 1622 0.60 2250 3.36
<b>11</b>	0215 1.06 0814 3.13 SU 1429 0.62 2055 3.32	<b>26</b>	0303 0.83 0900 3.11 MO 1505 0.35 2137 3.73	<b>11</b>	0317 0.90 0857 2.89 WE 1457 0.34 2145 3.76	<b>26</b>	0425 0.84 1010 2.65 TH 1559 0.48 2237 3.67	<b>11</b>	0347 0.66 0928 2.85 FR 1519 0.13 2211 4.02	<b>26</b>	0442 0.81 1029 2.60 SA 1614 0.54 2249 3.53	<b>11</b>	0456 0.29 1056 3.12 MO 1644 0.03 2321 4.06	<b>26</b>	0503 0.76 1103 2.74 TU 1651 0.67 2317 3.26
<b>12</b>	0255 0.98 0849 3.11 MO 1458 0.54 2130 3.48	<b>27</b>	0348 0.83 0941 2.97 TU 1540 0.39 2215 3.77	<b>12</b>	0401 0.80 0943 2.88 TH 1536 0.25 2227 3.92	<b>27</b>	0501 0.88 1044 2.57 FR 1631 0.55 2309 3.61	<b>12</b>	0432 0.54 1019 2.90 SA 1607 0.06 2255 4.12	<b>27</b>	0510 0.84 1057 2.57 SU 1642 0.59 2317 3.46	<b>12</b>	0540 0.26 1144 3.15 TU 1734 0.17	<b>27</b>	0529 0.78 1133 2.73 WE 1722 0.78 2345 3.13
<b>13</b>	0333 0.92 0925 3.06 TU 1527 0.47 2206 3.63	<b>28</b>	0430 0.85 1021 2.83 WE 1615 0.45 2251 3.75	<b>13</b>	0446 0.71 1030 2.86 FR 1619 0.21 2310 4.01	<b>28</b>	0534 0.92 1117 2.51 SA 1701 0.64 2339 3.52	<b>13</b>	0517 0.46 1110 2.94 SU 1657 0.08 2340 4.11	<b>28</b>	0537 0.87 1127 2.56 MO 1711 0.67 2345 3.37	<b>13</b>	0006 3.88 0626 0.31 WE 1234 3.13 1825 0.40	<b>28</b>	0557 0.81 1206 2.71 TH 1753 0.92
<b>14</b>	0413 0.88 1003 3.00 WE 1558 0.42 2243 3.74	<b>29</b>	0511 0.90 1058 2.69 TH 1649 0.55 2327 3.67	<b>14</b>	0533 0.66 1121 2.83 SA 1707 0.24 2355 4.01	<b>29</b>	0607 0.97 1149 2.45 SU 1732 0.74	<b>14</b>	0605 0.42 1201 2.95 MO 1748 0.19	<b>29</b>	0605 0.89 1158 2.54 TU 1743 0.78	<b>14</b>	0051 3.58 0713 0.41 TH 1327 3.06 1920 0.69	<b>29</b>	0013 2.96 0624 0.87 FR 1240 2.68 1828 1.08
<b>15</b>	0456 0.86 1044 2.92 TH 1634 0.41 2323 3.81	<b>30</b>	0552 0.98 1135 2.56 FR 1720 0.68	<b>15</b>	0623 0.64 1212 2.78 SU 1758 0.34	<b>30</b>	0010 3.41 0640 1.02 MO 1223 2.40 1804 0.86	<b>15</b>	0026 3.99 0654 0.43 TU 1254 2.92 1839 0.39	<b>30</b>	0014 3.24 0636 0.93 WE 1232 2.51 1815 0.93	<b>15</b>	0139 3.22 0806 0.55 FR 1427 2.97 2027 0.99	<b>30</b>	0041 2.77 0654 0.92 SA 1321 2.64 1911 1.25
		<b>31</b>	0001 3.55 0631 1.06 SA 1210 2.43 1752 0.83					<b>31</b>	0044 3.08 0709 0.98 TH 1310 2.46 1851 1.11			<b>31</b>	0116 2.58 0733 0.98 SU 1410 2.62 2017 1.38		

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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

