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# AUSTRALIA, SPENCER GULF – WHYALLA

# 2014

LAT 33° 01' LONG 137° 36'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE –0930

## MAY

Time	m	Time	m	Time	m	Time	m
1	0222 0.54 0757 1.97 TH 1315 0.88 1929 3.04	9	0745 1.21 1715 2.05 FR	17	0302 0.44 0846 1.91 SA 1337 1.08 1954 3.09	25	0007 1.19 0546 1.60 SU 1013 1.40 1700 2.44
2	0248 0.55 0819 1.94 FR 1335 0.85 1954 3.05	10	0007 1.55 0350 1.64 SA 1021 1.20 1714 2.27	18	0333 0.50 0916 1.81 SU 1354 1.15 2017 3.00	26	0027 0.89 0629 1.73 MO 1101 1.38 1720 2.64
3	0313 0.58 0843 1.91 SA 1357 0.88 2018 3.00	11	0001 1.23 0524 1.81 SU 1113 1.15 1729 2.47	19	0401 0.59 0945 1.72 MO 1410 1.24 2039 2.85	27	0054 0.69 0657 1.80 TU 1130 1.33 1743 2.82
4	0338 0.62 0909 1.87 SU 1419 0.97 2041 2.89	12	0024 0.95 0608 1.96 MO 1146 1.10 1749 2.66	20	0426 0.70 1015 1.66 TU 1424 1.36 2059 2.64	28	0122 0.58 0718 1.84 WE 1156 1.25 1809 2.96
5	0402 0.66 0941 1.82 MO 1439 1.11 2103 2.74	13	0052 0.73 0642 2.04 TU 1212 1.07 1811 2.83	21	0451 0.83 1059 1.64 WE 1435 1.51 2117 2.35	29	0149 0.53 0739 1.87 TH 1224 1.16 1838 3.05
6	0430 0.74 1019 1.75 TU 1457 1.31 2122 2.53	14	0123 0.57 0712 2.08 WE 1234 1.05 1835 2.97	22	0522 0.99 2059 2.01 TH	30	0217 0.52 0802 1.90 FR 1252 1.08 1907 3.09
7	0503 0.86 1120 1.67 WE 1503 1.53 2136 2.26	15	0156 0.47 0742 2.06 TH 1255 1.03 1902 3.08	23	0606 1.19 1701 1.98 FR	31	0243 0.52 0826 1.93 SA 1322 1.04 1937 3.07
8	0552 1.04 2048 1.97 TH	16	0229 0.43 0814 2.00 FR 1316 1.04 1928 3.12	24	0813 1.36 1644 2.22 SA		

## JUNE

Time	m	Time	m	Time	m	Time	m
1	0309 0.54 0851 1.96 SU 1351 1.06 2004 3.00	9	0506 1.58 0926 1.45 MO 1625 2.48	17	0357 0.57 0954 1.85 TU 1427 1.33 2038 2.76	25	0047 0.70 0730 1.72 WE 1042 1.56 1715 2.75
2	0332 0.56 0919 1.98 MO 1421 1.13 2030 2.89	10	0005 0.93 0617 1.75 TU 1042 1.44 1701 2.69	18	0413 0.68 1015 1.89 WE 1500 1.40 2100 2.53	26	0116 0.58 0734 1.81 TH 1133 1.44 1751 2.89
3	0354 0.59 0950 1.99 TU 1451 1.24 2054 2.73	11	0041 0.68 0656 1.87 WE 1126 1.41 1734 2.87	19	0425 0.79 1039 1.97 TH 1542 1.49 2124 2.24	27	0144 0.52 0747 1.88 FR 1212 1.31 1826 2.98
4	0418 0.64 1023 1.99 WE 1523 1.38 2119 2.52	12	0118 0.50 0728 1.93 TH 1159 1.36 1807 3.02	20	0435 0.90 1115 2.06 FR 1651 1.62 2140 1.90	28	0211 0.50 0804 1.95 SA 1249 1.19 1859 3.03
5	0442 0.74 1107 1.99 TH 1605 1.55 2144 2.26	13	0156 0.40 0800 1.93 FR 1229 1.32 1840 3.12	21	0443 1.04 1216 2.13 SA	29	0236 0.50 0826 2.01 SU 1324 1.11 1930 3.02
6	0509 0.89 1214 1.99 FR 1726 1.71 2209 1.94	14	0232 0.36 0831 1.92 SA 1259 1.28 1913 3.14	22	0435 1.19 1409 2.23 SU	30	0259 0.50 0849 2.07 MO 1358 1.08 1958 2.97
7	0543 1.09 1414 2.08 SA	15	0305 0.38 0902 1.88 SU 1329 1.27 1945 3.08	23	0022 1.17 1539 2.40 MO		
8	0640 1.31 1539 2.27 SU 2331 1.24	16	0334 0.46 0930 1.85 MO 1358 1.29 2013 2.95	24	0022 0.90 0802 1.62 TU 0909 1.62 1633 2.59		

## JULY

Time	m	Time	m	Time	m	Time	m
1	0320 0.51 0914 2.12 TU 1432 1.10 2024 2.86	9	0751 1.71 0926 1.69 WE 1623 2.55	17	0345 0.68 0945 2.14 TH 1524 1.18 2059 2.41	25	0106 0.60 0734 1.88 FR 1146 1.48 1753 2.71
2	0340 0.53 0939 2.17 WE 1505 1.15 2050 2.72	10	0038 0.65 0735 1.84 TH 1057 1.65 1715 2.75	18	0349 0.75 1001 2.26 FR 1559 1.23 2119 2.16	26	0132 0.53 0739 1.96 SA 1226 1.29 1828 2.83
3	0358 0.57 1005 2.21 TH 1540 1.23 2116 2.53	11	0118 0.45 0751 1.92 FR 1151 1.55 1758 2.92	19	0353 0.80 1024 2.35 SA 1642 1.32 2140 1.87	27	0157 0.49 0753 2.04 SU 1300 1.13 1859 2.91
4	0416 0.65 1034 2.24 FR 1620 1.32 2145 2.28	12	0155 0.34 0813 1.94 SA 1232 1.44 1838 3.03	20	0357 0.88 1056 2.39 SU 1751 1.44 2144 1.58	28	0220 0.48 0810 2.10 MO 1332 1.01 1928 2.93
5	0434 0.78 1108 2.25 SA 1713 1.42 2218 1.99	13	0228 0.31 0836 1.94 SU 1309 1.33 1913 3.06	21	0354 1.01 1143 2.33 MO	29	0240 0.48 0831 2.17 TU 1403 0.93 1954 2.90
6	0451 0.96 1155 2.25 SU 1849 1.49 2303 1.64	14	0257 0.36 0857 1.95 MO 1344 1.24 1947 3.00	22	0248 1.12 1341 2.26 TU	30	0259 0.49 0852 2.24 WE 1434 0.91 2019 2.82
7	0502 1.19 1317 2.26 MO 2251 1.27	15	0320 0.46 0917 1.98 TU 1419 1.18 2015 2.85	23	0031 0.95 1604 2.36 WE	31	0316 0.50 0914 2.30 TH 1505 0.92 2043 2.69
8	1510 2.36 2355 0.94 TU	16	0336 0.58 0932 2.04 WE 1452 1.16 2039 2.65	24	0043 0.75 0747 1.78 TH 1039 1.66 1708 2.54		

## AUGUST

Time	m	Time	m	Time	m	Time	m
1	0332 0.54 0935 2.35 FR 1535 0.96 2107 2.51	9	0111 0.41 0749 1.98 SA 1220 1.52 1807 2.76	17	0314 0.73 0942 2.54 SU 1617 1.06 2124 1.86	25	0133 0.52 0728 2.14 MO 1306 0.95 1859 2.77
2	0346 0.61 0956 2.39 SA 1606 1.03 2133 2.29	10	0143 0.32 0801 2.01 SU 1255 1.32 1845 2.89	18	0321 0.79 1007 2.51 MO 1655 1.20 2137 1.62	26	0154 0.51 0743 2.21 TU 1332 0.81 1923 2.81
3	0359 0.73 1019 2.41 SU 1644 1.12 2203 2.01	11	0211 0.33 0814 2.03 MO 1326 1.14 1918 2.92	19	0324 0.92 1036 2.38 TU	27	0213 0.50 0801 2.29 WE 1400 0.73 1947 2.79
4	0409 0.89 1047 2.39 MO 1739 1.24 2234 1.68	12	0234 0.41 0828 2.07 TU 1356 0.99 1947 2.86	20	0252 1.08 1108 2.16 WE	28	0229 0.50 0821 2.37 TH 1428 0.69 2009 2.72
5	0411 1.10 1124 2.31 TU 2055 1.29 2239 1.30	13	0251 0.52 0842 2.14 WE 1426 0.91 2013 2.70	21	0033 1.02 1603 2.06 TH	29	0246 0.52 0841 2.44 FR 1455 0.69 2032 2.60
6	0232 1.27 1252 2.20 WE	14	0302 0.63 0855 2.24 TH 1454 0.88 2032 2.50	22	0027 0.82 0727 1.86 FR 1143 1.62 1719 2.30	30	0300 0.56 0900 2.49 SA 1522 0.73 2055 2.43
7	0004 0.93 1608 2.31 TH	15	0307 0.69 0907 2.36 FR 1521 0.90 2048 2.29	23	0047 0.66 0712 1.97 SA 1213 1.36 1800 2.51	31	0312 0.63 0919 2.52 SU 1548 0.79 2118 2.22
8	0036 0.62 0747 1.92 FR 1129 1.73 1720 2.55	16	0310 0.72 0921 2.48 SA 1547 0.96 2105 2.08	24	0111 0.56 0716 2.07 SU 1240 1.13 1831 2.67		

# AUSTRALIA, SPENCER GULF – WHYALLA

# 2014

LAT 33° 01' LONG 137° 36'

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

TIME ZONE -0930

## SEPTEMBER

	Time m	Time m	Time m	Time m	
<b>1</b>	0323 0.75 0936 2.53 MO 1618 0.88 2143 1.96	<b>9</b> ○ 0142 0.46 0736 2.17 TU 1328 0.85 1917 2.72	<b>17</b>	0259 0.97 0949 2.38 WE 1702 1.20 2134 1.45	
<b>2</b>	0330 0.90 0957 2.48 TU 1656 1.03 2208 1.65	<b>10</b>	0159 0.56 0747 2.25 WE 1354 0.71 1942 2.63	<b>18</b>	0235 1.16 1000 2.12 TH 1515 0.51 1959 2.54
<b>3</b>	0328 1.09 1021 2.36 WE 1833 1.23 2205 1.30	<b>11</b>	0212 0.65 0800 2.36 TH 1420 0.65 2003 2.48	<b>19</b>	0008 1.15 0812 1.88 FR 2356 0.95 * 2022 2.42
<b>4</b>	0130 1.21 1039 2.15 TH	<b>12</b>	0220 0.71 0814 2.48 FR 1446 0.65 2019 2.31	<b>20</b>	0650 1.93 1204 1.46 SA 1723 2.07
<b>5</b>	0000 0.92 0809 1.94 FR 1209 1.86 1624 2.07	<b>13</b>	0227 0.72 0829 2.58 SA 1509 0.70 2034 2.14	<b>21</b>	0015 0.79 0636 2.07 SU 1217 1.18 1759 2.31
<b>6</b>	0021 0.64 0722 2.00 SA 1212 1.57 1733 2.36	<b>14</b>	0232 0.72 0846 2.64 SU 1531 0.78 2051 2.00	<b>22</b>	0038 0.68 0640 2.19 MO 1237 0.95 1828 2.48
<b>7</b>	0050 0.46 0719 2.08 SU 1236 1.29 1814 2.59	<b>15</b>	0241 0.73 0906 2.64 MO 1554 0.87 2110 1.84	<b>23</b>	0100 0.64 0652 2.29 TU 1300 0.76 1852 2.58
<b>8</b>	0118 0.41 0727 2.12 MO 1302 1.04 1848 2.71	<b>16</b>	0252 0.81 0928 2.86 TU 1623 2.01 2130 1.66	<b>24</b>	0120 0.62 0707 2.38 WE 1325 0.63 1915 2.62

## OCTOBER

	Time m	Time m	Time m	Time m	
<b>1</b>	0255 1.00 0918 2.54 WE 1633 0.91 2154 1.58	<b>9</b>	0117 0.81 0702 2.50 TH 1347 0.51 1935 2.34	<b>17</b>	0241 1.33 0924 2.10 FR 1736 1.24
<b>2</b>	0248 1.17 0936 2.37 TH 1733 1.14 2204 1.30	<b>10</b>	0128 0.84 0718 2.62 FR 1412 0.48 1954 2.23	<b>18</b>	0735 1.87 2258 1.18 SA
<b>3</b>	0035 1.25 0932 2.11 FR 2328 1.01	<b>11</b>	0138 0.83 0735 2.73 SA 1436 0.52 2010 2.11	<b>19</b>	0557 1.96 1200 1.38 SU 1713 1.82 2330 1.03
<b>4</b>	0713 1.98 1230 1.67 SA 1637 1.87 2350 0.80	<b>12</b>	0149 0.80 0756 2.78 SU 1459 0.58 2027 2.01	<b>20</b>	0546 2.15 1205 1.08 MO 1751 2.06 2357 0.93
<b>5</b>	0637 2.07 1211 1.34 SU 1737 2.16	<b>13</b>	0203 0.79 0817 2.77 MO 1521 0.66 2046 1.93	<b>21</b>	0555 2.31 1225 0.82 TU 1820 2.23
<b>6</b>	0017 0.68 0634 2.19 MO 1231 1.02 1815 2.36	<b>14</b>	0218 0.83 0839 2.71 TU 1542 0.75 2110 1.84	<b>22</b>	0021 0.88 0610 2.44 WE 1249 0.63 1845 2.33
<b>7</b>	0043 0.67 0641 2.28 TU 1255 0.77 1846 2.44	<b>15</b>	0235 0.94 0900 2.57 WE 1606 0.86 2138 1.72	<b>23</b>	0042 0.85 0628 2.57 TH 1315 0.50 1908 2.37
<b>8</b>	0103 0.74 0651 2.38 WE 1321 0.60 1912 2.43	<b>16</b>	0248 1.12 0919 2.37 TH 1638 1.02 2211 1.56	<b>24</b>	0101 0.83 0648 2.68 FR 1342 0.42 1930 2.37

## NOVEMBER

	Time m	Time m	Time m	Time m	
<b>1</b>	0854 2.03 2046 1.23 SA	<b>9</b>	0104 0.99 0707 2.90 SU 1431 0.45 2012 1.99	<b>17</b>	0413 1.93 1200 1.39 MO 1654 1.55 2206 1.35
<b>2</b>	0615 1.94 1236 1.52 SU 1633 1.64 2258 1.13	<b>10</b>	0124 0.94 0732 2.90 MO 1454 0.51 2032 1.96	<b>18</b>	0439 2.15 1147 1.08 TU 1748 1.79 2303 1.28
<b>3</b>	0537 2.09 1200 1.17 MO 1740 1.89 2333 1.08	<b>11</b>	0147 0.93 0758 2.85 TU 1516 0.58 2054 1.95	<b>19</b>	0503 2.35 1209 0.79 WE 1819 1.97 2336 1.22
<b>4</b>	0539 2.27 1219 0.84 TU 1818 2.06	<b>12</b>	0210 0.98 0823 2.74 WE 1538 0.64 2121 1.92	<b>20</b>	0526 2.52 1236 0.58 TH 1846 2.09 FR 1619 0.76 2224 1.78
<b>5</b>	0000 1.08 0551 2.42 WE 1246 0.60 1848 2.13	<b>13</b>	0235 1.09 0847 2.58 TH 1601 0.72 2154 1.87	<b>21</b>	0003 1.17 0550 2.68 FR 1306 0.43 1911 2.15
<b>6</b>	0019 1.10 0605 2.57 TH 1313 0.46 1913 2.12	<b>14</b>	0300 1.26 0908 2.37 FR 1627 0.85 2240 1.79	<b>22</b>	0027 1.12 0614 2.81 SA 1337 0.35 1936 2.16
<b>7</b>	0033 1.10 0622 2.71 FR 1339 0.40 1934 2.08	<b>15</b>	0326 1.46 0924 2.10 SA 1658 1.03	<b>23</b>	0049 1.08 0642 2.91 SU 1408 0.32 2002 2.13
<b>8</b>	0047 1.06 0643 2.83 SA 1406 0.41 1953 2.03	<b>16</b>	0040 1.73 0357 1.69 SU 0845 1.80 1751 1.27	<b>24</b>	0111 1.06 0711 2.95 MO 1439 0.34 2030 2.07

## DECEMBER

	Time m	Time m	Time m	Time m	
<b>1</b>	0241 1.82 1552 1.37 MO	<b>9</b>	0117 1.07 0723 2.91 TU 1452 0.45 2040 2.04	<b>17</b>	0234 2.10 1127 1.16 WE
<b>2</b>	0400 2.04 1155 1.10 TU 1838 1.62 2208 1.52	<b>10</b>	0147 1.03 0752 2.85 WE 1513 0.49 2103 2.07	<b>18</b>	0351 2.26 1155 0.85 TH 1858 1.78 2244 1.58
<b>3</b>	0432 2.26 1212 0.78 WE 1852 1.79 2303 1.50	<b>11</b>	0219 1.05 0820 2.74 TH 1533 0.53 2129 2.10	<b>19</b>	0438 2.45 1228 0.60 FR 1910 1.93 2329 1.50
<b>4</b>	0458 2.45 1240 0.55 TH 1911 1.89 2333 1.46	<b>12</b>	0252 1.12 0846 2.59 FR 1553 0.59 2158 2.10	<b>20</b>	0517 2.63 1304 0.41 SA 1930 2.02
<b>5</b>	0525 2.63 1309 0.42 FR 1928 1.93 2357 1.37	<b>13</b>	0327 1.22 0911 2.39 SA 1613 0.69 2232 2.09	<b>21</b>	0003 1.42 0553 2.79 SU 1338 0.30 1953 2.05
<b>6</b>	0553 2.77 1337 0.37 SA 1944 1.95	<b>14</b>	0409 1.36 0936 2.14 SU 1632 0.84 2315 2.06	<b>22</b>	0033 1.33 0627 2.90 MO 1411 0.26 2017 2.06
<b>7</b>	0021 1.26 0621 2.87 SU 1404 0.38 2001 1.97	<b>15</b>	0513 1.49 1001 1.84 MO 1649 1.05	<b>23</b>	0104 1.25 0702 2.96 TU 1443 0.27 2043 2.05
<b>8</b>	0047 1.15 0652 2.92 MO 1429 0.41 2020 2.00	<b>16</b>	0025 2.03 1640 1.29 TU	<b>24</b>	0135 1.20 0736 2.93 WE 1511 0.33 2109 2.02

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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