

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

JANUARY 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|
| 1 | 0215 | 0.6 | 9 | 0245 | 1.9 | 17 | 0354 | 0.4 | 25 | 0423 | 1.7 |
| | 0829 | 1.9 | | 0856 | 0.6 | | 1010 | 2.0 | | 1034 | 0.8 |
| Tu | 1445 | 0.7 | We | 1503 | 2.0 | Th | 1625 | 0.5 | Fr | 1639 | 1.7 |
| | 2047 | 1.8 | | 2126 | 0.4 | | 2231 | 1.9 | | 2256 | 0.7 |
| 2 | 0256 | 0.6 | 10 | 0346 | 2.0 | 18 | 0444 | 0.5 | 26 | 0509 | 1.7 |
| | 0910 | 1.9 | | 0957 | 0.5 | | 1059 | 2.0 | | 1121 | 0.8 |
| We | 1527 | 0.6 | Th | 1603 | 2.0 | Fr | 1714 | 0.5 | Sa | 1726 | 1.7 |
| | 2130 | 1.8 | | 2225 | 0.4 | | 2321 | 1.9 | | 2341 | 0.7 |
| 3 | 0339 | 0.6 | 11 | 0446 | 2.0 | 19 | 0534 | 0.6 | 27 | 0553 | 1.8 |
| | 0953 | 1.9 | | 1058 | 0.5 | | 1147 | 1.9 | | 1207 | 0.7 |
| Th | 1611 | 0.6 | Fr | 1704 | 2.0 | Sa | 1802 | 0.6 | Su | 1811 | 1.7 |
| | 2215 | 1.8 | | 2324 | 0.4 | | | | | | |
| 4 | 0424 | 0.6 | 12 | 0544 | 2.1 | 20 | 0011 | 1.8 | 28 | 0024 | 0.6 |
| | 1038 | 1.9 | | 1157 | 0.4 | | 0624 | 0.7 | | 0636 | 1.8 |
| Fr | 1656 | 0.6 | Sa | 1803 | 2.0 | Su | 1235 | 1.8 | Mo | 1251 | 0.7 |
| | 2302 | 1.8 | | | | | 1850 | 0.6 | | 1855 | 1.8 |
| 5 | 0512 | 0.6 | 13 | 0022 | 0.3 | 21 | 0101 | 1.8 | 29 | 0106 | 0.6 |
| | 1125 | 1.9 | | 0640 | 2.1 | | 0714 | 0.7 | | 0718 | 1.9 |
| Sa | 1744 | 0.6 | Su | 1254 | 0.4 | Mo | 1323 | 1.8 | Tu | 1334 | 0.7 |
| | 2353 | 1.8 | | 1901 | 2.0 | | 1939 | 0.7 | | 1939 | 1.8 |
| 6 | 0603 | 0.6 | 14 | 0117 | 0.3 | 22 | 0152 | 1.7 | 30 | 0149 | 0.6 |
| | 1215 | 1.9 | | 0735 | 2.1 | | 0805 | 0.8 | | 0801 | 1.9 |
| Su | 1835 | 0.5 | Mo | 1350 | 0.4 | Tu | 1412 | 1.7 | We | 1418 | 0.6 |
| | | | | 1956 | 2.0 | | 2029 | 0.7 | | 2023 | 1.8 |
| 7 | 0047 | 1.9 | 15 | 0210 | 0.3 | 23 | 0244 | 1.7 | 31 | 0232 | 0.5 |
| | 0658 | 0.6 | | 0828 | 2.1 | | 0856 | 0.8 | | 0845 | 1.9 |
| Mo | 1308 | 1.9 | Tu | 1443 | 0.4 | We | 1501 | 1.7 | Th | 1502 | 0.6 |
| | 1929 | 0.5 | | 2049 | 2.0 | | 2119 | 0.7 | | 2108 | 1.9 |
| 8 | 0145 | 1.9 | 16 | 0303 | 0.4 | 24 | 0334 | 1.7 | | | |
| | 0756 | 0.6 | | 0920 | 2.1 | | 0946 | 0.8 | | | |
| Tu | 1404 | 1.9 | We | 1535 | 0.4 | Th | 1550 | 1.7 | | | |
| | 2026 | 0.5 | | 2141 | 2.0 | | 2209 | 0.7 | | | |

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

FEBRUARY 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|
| 1 Fr | 0317 | 0.5 | 9 Sa | 0426 | 2.0 | 17 Su | 0503 | 0.6 | 25 Mo | 0515 | 1.8 |
| | 0930 | 1.9 | | 1040 | 0.5 | | 1114 | 1.8 | | 1130 | 0.7 |
| | 1547 | 0.6 | | 1647 | 2.0 | | 1727 | 0.6 | | 1738 | 1.8 |
| | 2154 | 1.9 | | 2306 | 0.4 | | 2336 | 1.8 | | 2351 | 0.6 |
| 2 Sa | 0404 | 0.5 | 10 Su | 0524 | 2.0 | 18 Mo | 0550 | 0.7 | 26 Tu | 0601 | 1.8 |
| | 1016 | 2.0 | | 1138 | 0.5 | | 1159 | 1.8 | | 1217 | 0.7 |
| | 1634 | 0.5 | | 1746 | 2.0 | | 1813 | 0.7 | | 1825 | 1.8 |
| | 2243 | 1.9 | | | | | | | | | |
| 3 Su | 0454 | 0.5 | 11 Mo | 0003 | 0.4 | 19 Tu | 0023 | 1.8 | 27 We | 0036 | 0.6 |
| | 1105 | 2.0 | | 0620 | 2.1 | | 0638 | 0.7 | | 0647 | 1.9 |
| | 1723 | 0.5 | | 1234 | 0.5 | | 1246 | 1.7 | | 1303 | 0.6 |
| | 2334 | 1.9 | | 1842 | 2.0 | | 1900 | 0.7 | | 1912 | 1.9 |
| 4 Mo | 0546 | 0.5 | 12 Tu | 0057 | 0.4 | 20 We | 0112 | 1.7 | 28 Th | 0122 | 0.5 |
| | 1156 | 1.9 | | 0713 | 2.1 | | 0726 | 0.8 | | 0733 | 1.9 |
| | 1814 | 0.5 | | 1328 | 0.4 | | 1333 | 1.7 | | 1350 | 0.6 |
| | | | | 1936 | 2.0 | | 1949 | 0.7 | | 1958 | 1.9 |
| 5 Tu | 0029 | 1.9 | 13 We | 0150 | 0.4 | 21 Th | 0202 | 1.7 | | | |
| | 0641 | 0.6 | | 0805 | 2.0 | | 0816 | 0.8 | | | |
| | 1250 | 1.9 | | 1419 | 0.4 | | 1422 | 1.7 | | | |
| | 1909 | 0.5 | | 2027 | 2.0 | | 2039 | 0.7 | | | |
| 6 We | 0127 | 1.9 | 14 Th | 0240 | 0.4 | 22 Fr | 0252 | 1.7 | | | |
| | 0740 | 0.6 | | 0854 | 2.0 | | 0906 | 0.8 | | | |
| | 1346 | 1.9 | | 1508 | 0.5 | | 1512 | 1.7 | | | |
| | 2007 | 0.5 | | 2115 | 2.0 | | 2129 | 0.7 | | | |
| 7 Th | 0226 | 1.9 | 15 Fr | 0329 | 0.5 | 23 Sa | 0341 | 1.7 | | | |
| | 0839 | 0.6 | | 0942 | 2.0 | | 0955 | 0.8 | | | |
| | 1446 | 1.9 | | 1555 | 0.5 | | 1602 | 1.7 | | | |
| | 2107 | 0.5 | | 2203 | 1.9 | | 2218 | 0.7 | | | |
| 8 Fr | 0327 | 2.0 | 16 Sa | 0416 | 0.6 | 24 Su | 0429 | 1.7 | | | |
| | 0940 | 0.5 | | 1029 | 1.9 | | 1043 | 0.8 | | | |
| | 1546 | 1.9 | | 1641 | 0.6 | | 1651 | 1.7 | | | |
| | 2207 | 0.4 | | 2249 | 1.9 | | 2305 | 0.7 | | | |

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

MARCH 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|
| 1 Fr | 0209 | 0.5 | 9 Sa | 0310 | 2.0 | 17 Su | 0347 | 0.6 | 25 Mo | 0347 | 1.8 |
| | 0820 | 2.0 | | 0924 | 0.5 | | 0956 | 1.8 | | 1004 | 0.7 |
| | 1437 | 0.5 | | 1532 | 1.9 | | 1607 | 0.6 | | 1614 | 1.7 |
| | 2046 | 1.9 | | 2151 | 0.5 | | 2216 | 1.8 | | 2227 | 0.7 |
| 2 Sa | 0258 | 0.5 | 10 Su | 0408 | 2.0 | 18 Mo | 0432 | 0.7 | 26 Tu | 0436 | 1.8 |
| | 0908 | 2.0 | | 1022 | 0.5 | | 1040 | 1.8 | | 1053 | 0.7 |
| | 1524 | 0.5 | | 1631 | 1.9 | | 1651 | 0.6 | | 1705 | 1.8 |
| | 2135 | 2.0 | | 2249 | 0.5 | | 2300 | 1.8 | | 2317 | 0.6 |
| 3 Su | 0348 | 0.5 | 11 Mo | 0504 | 2.0 | 19 Tu | 0517 | 0.7 | 27 We | 0525 | 1.9 |
| | 0957 | 2.0 | | 1118 | 0.5 | | 1124 | 1.8 | | 1142 | 0.6 |
| | 1614 | 0.5 | | 1728 | 1.9 | | 1735 | 0.7 | | 1754 | 1.9 |
| | 2226 | 2.0 | | 2344 | 0.5 | | 2345 | 1.8 | | | |
| 4 Mo | 0439 | 0.5 | 12 Tu | 0558 | 2.0 | 20 We | 0602 | 0.7 | 28 Th | 0006 | 0.6 |
| | 1048 | 2.0 | | 1212 | 0.5 | | 1209 | 1.7 | | 0614 | 1.9 |
| | 1704 | 0.5 | | 1822 | 2.0 | | 1820 | 0.7 | | 1232 | 0.5 |
| | 2319 | 2.0 | | | | | | | | 1844 | 1.9 |
| 5 Tu | 0533 | 0.5 | 13 We | 0037 | 0.5 | 21 Th | 0031 | 1.7 | 29 Fr | 0056 | 0.5 |
| | 1141 | 2.0 | | 0649 | 2.0 | | 0649 | 0.8 | | 0704 | 2.0 |
| | 1757 | 0.5 | | 1303 | 0.5 | | 1255 | 1.7 | | 1321 | 0.5 |
| | | | | 1913 | 2.0 | | 1908 | 0.7 | | 1935 | 2.0 |
| 6 We | 0014 | 2.0 | 14 Th | 0127 | 0.5 | 22 Fr | 0119 | 1.7 | 30 Sa | 0147 | 0.5 |
| | 0629 | 0.5 | | 0739 | 2.0 | | 0737 | 0.8 | | 0755 | 2.0 |
| | 1236 | 1.9 | | 1352 | 0.5 | | 1343 | 1.7 | | 1412 | 0.4 |
| | 1853 | 0.5 | | 2002 | 1.9 | | 1957 | 0.7 | | 2025 | 2.0 |
| 7 Th | 0112 | 2.0 | 15 Fr | 0216 | 0.5 | 23 Sa | 0209 | 1.7 | 31 Su | 0239 | 0.5 |
| | 0727 | 0.5 | | 0826 | 1.9 | | 0825 | 0.8 | | 0847 | 2.0 |
| | 1333 | 1.9 | | 1439 | 0.5 | | 1433 | 1.7 | | 1503 | 0.4 |
| | 1951 | 0.5 | | 2048 | 1.9 | | 2047 | 0.7 | | 2117 | 2.0 |
| 8 Fr | 0211 | 2.0 | 16 Sa | 0302 | 0.6 | 24 Su | 0258 | 1.7 | | | |
| | 0825 | 0.5 | | 0912 | 1.9 | | 0914 | 0.7 | | | |
| | 1432 | 1.9 | | 1524 | 0.6 | | 1524 | 1.7 | | | |
| | 2051 | 0.5 | | 2132 | 1.9 | | 2138 | 0.7 | | | |

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

APRIL 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|
| 1 Mo | 0332 | 0.4 | 9 Tu | 0442 | 1.9 | 17 We | 0444 | 0.7 | 25 Th | 0450 | 1.9 |
| | 0940 | 2.0 | | 1057 | 0.5 | | 1049 | 1.7 | | 1109 | 0.5 |
| | 1555 | 0.4 | | 1710 | 1.9 | | 1658 | 0.7 | | 1725 | 1.9 |
| | 2210 | 2.1 | | 2324 | 0.6 | | 2309 | 1.8 | | 2337 | 0.5 |
| 2 Tu | 0426 | 0.5 | 10 We | 0534 | 1.9 | 18 Th | 0528 | 0.7 | 26 Fr | 0543 | 1.9 |
| | 1033 | 2.0 | | 1148 | 0.5 | | 1133 | 1.7 | | 1202 | 0.5 |
| | 1648 | 0.4 | | 1801 | 1.9 | | 1742 | 0.7 | | 1818 | 2.0 |
| | 2305 | 2.0 | | | | | 2354 | 1.8 | | | |
| 3 We | 0521 | 0.5 | 11 Th | 0015 | 0.6 | 19 Fr | 0613 | 0.7 | 27 Sa | 0030 | 0.5 |
| | 1128 | 2.0 | | 0623 | 1.9 | | 1219 | 1.7 | | 0637 | 2.0 |
| | 1742 | 0.5 | | 1237 | 0.5 | | 1828 | 0.7 | | 1255 | 0.4 |
| | | | | 1850 | 1.9 | | | | | 1911 | 2.1 |
| 4 Th | 0001 | 2.0 | 12 Fr | 0103 | 0.6 | 20 Sa | 0040 | 1.7 | 28 Su | 0125 | 0.4 |
| | 0617 | 0.5 | | 0711 | 1.9 | | 0659 | 0.7 | | 0731 | 2.0 |
| | 1224 | 1.9 | | 1323 | 0.6 | | 1306 | 1.7 | | 1348 | 0.4 |
| | 1839 | 0.5 | | 1935 | 1.9 | | 1917 | 0.7 | | 2005 | 2.1 |
| 5 Fr | 0058 | 2.0 | 13 Sa | 0150 | 0.6 | 21 Su | 0128 | 1.8 | 29 Mo | 0220 | 0.4 |
| | 0714 | 0.5 | | 0757 | 1.8 | | 0747 | 0.7 | | 0826 | 2.0 |
| | 1321 | 1.9 | | 1408 | 0.6 | | 1356 | 1.7 | | 1442 | 0.4 |
| | 1937 | 0.5 | | 2019 | 1.9 | | 2007 | 0.7 | | 2059 | 2.1 |
| 6 Sa | 0155 | 2.0 | 14 Su | 0234 | 0.6 | 22 Mo | 0217 | 1.8 | 30 Tu | 0315 | 0.4 |
| | 0811 | 0.5 | | 0841 | 1.8 | | 0836 | 0.7 | | 0922 | 2.0 |
| | 1420 | 1.9 | | 1451 | 0.6 | | 1447 | 1.7 | | 1536 | 0.4 |
| | 2036 | 0.5 | | 2102 | 1.8 | | 2059 | 0.7 | | 2154 | 2.1 |
| 7 Su | 0252 | 1.9 | 15 Mo | 0318 | 0.7 | 23 Tu | 0307 | 1.8 | | | |
| | 0908 | 0.5 | | 0924 | 1.8 | | 0926 | 0.6 | | | |
| | 1518 | 1.9 | | 1533 | 0.6 | | 1539 | 1.8 | | | |
| | 2134 | 0.6 | | 2143 | 1.8 | | 2151 | 0.7 | | | |
| 8 Mo | 0348 | 1.9 | 16 Tu | 0401 | 0.7 | 24 We | 0358 | 1.8 | | | |
| | 1003 | 0.5 | | 1006 | 1.8 | | 1017 | 0.6 | | | |
| | 1615 | 1.9 | | 1615 | 0.7 | | 1632 | 1.9 | | | |
| | 2230 | 0.6 | | 2226 | 1.8 | | 2244 | 0.6 | | | |

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

MAY 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|
| 1 We | 0411 | 0.4 | 9 Th | 0507 | 1.8 | 17 Fr | 0455 | 0.7 | 25 Sa | 0515 | 2.0 |
| | 1017 | 2.0 | | 1122 | 0.6 | | 1059 | 1.7 | | 1135 | 0.4 |
| | 1631 | 0.4 | | 1738 | 1.9 | | 1706 | 0.7 | | 1754 | 2.1 |
| | 2249 | 2.1 | | 2351 | 0.7 | | 2318 | 1.8 | | | |
| 2 Th | 0507 | 0.4 | 10 Fr | 0556 | 1.8 | 18 Sa | 0539 | 0.7 | 26 Su | 0007 | 0.5 |
| | 1114 | 2.0 | | 1209 | 0.6 | | 1144 | 1.7 | | 0612 | 2.0 |
| | 1727 | 0.4 | | 1824 | 1.9 | | 1752 | 0.7 | | 1230 | 0.4 |
| | 2345 | 2.1 | | | | | | | | 1849 | 2.1 |
| 3 Fr | 0603 | 0.5 | 11 Sa | 0037 | 0.7 | 19 Su | 0004 | 1.8 | 27 Mo | 0104 | 0.4 |
| | 1210 | 1.9 | | 0642 | 1.8 | | 0624 | 0.7 | | 0709 | 2.0 |
| | 1824 | 0.5 | | 1254 | 0.6 | | 1232 | 1.7 | | 1326 | 0.3 |
| | | | | 1908 | 1.8 | | 1840 | 0.7 | | 1945 | 2.2 |
| 4 Sa | 0041 | 2.0 | 12 Su | 0122 | 0.7 | 20 Mo | 0051 | 1.8 | 28 Tu | 0201 | 0.4 |
| | 0659 | 0.5 | | 0726 | 1.8 | | 0711 | 0.7 | | 0806 | 2.0 |
| | 1307 | 1.9 | | 1337 | 0.6 | | 1321 | 1.7 | | 1421 | 0.3 |
| | 1921 | 0.5 | | 1950 | 1.8 | | 1931 | 0.7 | | 2040 | 2.2 |
| 5 Su | 0137 | 2.0 | 13 Mo | 0206 | 0.7 | 21 Tu | 0140 | 1.8 | 29 We | 0257 | 0.4 |
| | 0754 | 0.5 | | 0809 | 1.8 | | 0800 | 0.6 | | 0903 | 2.0 |
| | 1405 | 1.9 | | 1418 | 0.6 | | 1414 | 1.8 | | 1516 | 0.3 |
| | 2019 | 0.6 | | 2031 | 1.8 | | 2024 | 0.7 | | 2135 | 2.2 |
| 6 Mo | 0232 | 1.9 | 14 Tu | 0248 | 0.7 | 22 We | 0231 | 1.9 | 30 Th | 0354 | 0.4 |
| | 0849 | 0.5 | | 0851 | 1.7 | | 0851 | 0.6 | | 1000 | 2.0 |
| | 1502 | 1.9 | | 1459 | 0.6 | | 1508 | 1.8 | | 1612 | 0.4 |
| | 2115 | 0.6 | | 2111 | 1.8 | | 2118 | 0.6 | | 2231 | 2.1 |
| 7 Tu | 0326 | 1.9 | 15 We | 0330 | 0.7 | 23 Th | 0324 | 1.9 | 31 Fr | 0450 | 0.4 |
| | 0942 | 0.6 | | 0933 | 1.7 | | 0945 | 0.5 | | 1056 | 2.0 |
| | 1557 | 1.9 | | 1540 | 0.7 | | 1603 | 1.9 | | 1708 | 0.4 |
| | 2210 | 0.6 | | 2153 | 1.8 | | 2214 | 0.6 | | 2326 | 2.1 |
| 8 We | 0417 | 1.9 | 16 Th | 0412 | 0.7 | 24 Fr | 0419 | 1.9 | | | |
| | 1033 | 0.6 | | 1016 | 1.7 | | 1039 | 0.5 | | | |
| | 1649 | 1.9 | | 1622 | 0.7 | | 1658 | 2.0 | | | |
| | 2302 | 0.6 | | 2235 | 1.8 | | 2310 | 0.5 | | | |

TIMES LISTED ARE NZ STANDARD TIME

CROWN COPYRIGHT RESERVED

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

JUNE 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|
| 1 Sa | 0545 | 0.4 | 9 Su | 0010 | 0.7 | 17 Mo | 0552 | 0.6 | 25 Tu | 0043 | 0.4 |
| | 1153 | 1.9 | | 0612 | 1.7 | | 1200 | 1.8 | | 0649 | 2.0 |
| | 1805 | 0.5 | | 1224 | 0.6 | | 1808 | 0.7 | | 1305 | 0.3 |
| | | | | 1839 | 1.8 | | | | | 1924 | 2.2 |
| 2 Su | 0021 | 2.0 | 10 Mo | 0054 | 0.7 | 18 Tu | 0018 | 1.8 | 26 We | 0141 | 0.4 |
| | 0639 | 0.5 | | 0656 | 1.7 | | 0639 | 0.6 | | 0747 | 2.1 |
| | 1249 | 1.9 | | 1306 | 0.6 | | 1251 | 1.8 | | 1401 | 0.3 |
| | 1902 | 0.6 | | 1920 | 1.8 | | 1900 | 0.7 | | 2020 | 2.2 |
| 3 Mo | 0115 | 1.9 | 11 Tu | 0136 | 0.7 | 19 We | 0108 | 1.9 | 27 Th | 0237 | 0.4 |
| | 0733 | 0.5 | | 0738 | 1.7 | | 0729 | 0.6 | | 0844 | 2.1 |
| | 1345 | 1.9 | | 1347 | 0.6 | | 1344 | 1.8 | | 1456 | 0.3 |
| | 1958 | 0.6 | | 2000 | 1.8 | | 1954 | 0.6 | | 2115 | 2.2 |
| 4 Tu | 0208 | 1.9 | 12 We | 0218 | 0.7 | 20 Th | 0201 | 1.9 | 28 Fr | 0333 | 0.4 |
| | 0825 | 0.5 | | 0820 | 1.7 | | 0822 | 0.5 | | 0940 | 2.0 |
| | 1440 | 1.8 | | 1428 | 0.7 | | 1440 | 1.9 | | 1551 | 0.4 |
| | 2053 | 0.7 | | 2040 | 1.8 | | 2051 | 0.6 | | 2209 | 2.1 |
| 5 We | 0300 | 1.8 | 13 Th | 0300 | 0.7 | 21 Fr | 0256 | 1.9 | 29 Sa | 0428 | 0.4 |
| | 0917 | 0.6 | | 0902 | 1.7 | | 0917 | 0.5 | | 1035 | 2.0 |
| | 1534 | 1.8 | | 1508 | 0.7 | | 1537 | 2.0 | | 1647 | 0.4 |
| | 2146 | 0.7 | | 2121 | 1.8 | | 2149 | 0.6 | | 2303 | 2.1 |
| 6 Th | 0350 | 1.8 | 14 Fr | 0341 | 0.7 | 22 Sa | 0353 | 2.0 | 30 Su | 0521 | 0.4 |
| | 1007 | 0.6 | | 0944 | 1.7 | | 1014 | 0.4 | | 1130 | 1.9 |
| | 1624 | 1.8 | | 1550 | 0.7 | | 1635 | 2.0 | | 1742 | 0.5 |
| | 2236 | 0.7 | | 2203 | 1.8 | | 2247 | 0.5 | | 2356 | 2.0 |
| 7 Fr | 0439 | 1.8 | 15 Sa | 0424 | 0.7 | 23 Su | 0451 | 2.0 | | | |
| | 1055 | 0.6 | | 1027 | 1.7 | | 1111 | 0.4 | | | |
| | 1712 | 1.8 | | 1633 | 0.7 | | 1732 | 2.1 | | | |
| | 2324 | 0.7 | | 2246 | 1.8 | | 2345 | 0.4 | | | |
| 8 Sa | 0526 | 1.8 | 16 Su | 0507 | 0.7 | 24 Mo | 0550 | 2.0 | | | |
| | 1140 | 0.6 | | 1113 | 1.7 | | 1208 | 0.3 | | | |
| | 1757 | 1.8 | | 1719 | 0.7 | | 1828 | 2.2 | | | |
| | | | | 2331 | 1.8 | | | | | | |

TIMES LISTED ARE NZ STANDARD TIME

CROWN COPYRIGHT RESERVED

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

JULY 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|
| 1 Mo | 0614 | 0.5 | 9 Tu | 0024 | 0.7 | 17 We | 0611 | 0.6 | 25 Th | 0120 | 0.4 |
| | 1225 | 1.9 | | 0626 | 1.7 | | 1225 | 1.8 | | 0727 | 2.1 |
| | 1837 | 0.6 | | 1236 | 0.6 | | 1835 | 0.6 | | 1340 | 0.3 |
| | | | | 1850 | 1.8 | | | | | 1958 | 2.2 |
| 2 Tu | 0049 | 1.9 | 10 We | 0106 | 0.7 | 18 Th | 0042 | 1.9 | 26 Fr | 0215 | 0.3 |
| | 0706 | 0.5 | | 0708 | 1.7 | | 0702 | 0.5 | | 0823 | 2.1 |
| | 1320 | 1.8 | | 1317 | 0.6 | | 1320 | 1.9 | | 1435 | 0.3 |
| | 1932 | 0.6 | | 1930 | 1.8 | | 1931 | 0.6 | | 2052 | 2.1 |
| 3 We | 0140 | 1.9 | 11 Th | 0148 | 0.7 | 19 Fr | 0136 | 1.9 | 27 Sa | 0309 | 0.4 |
| | 0757 | 0.6 | | 0750 | 1.7 | | 0757 | 0.5 | | 0917 | 2.0 |
| | 1413 | 1.8 | | 1358 | 0.6 | | 1417 | 1.9 | | 1528 | 0.4 |
| | 2025 | 0.7 | | 2010 | 1.8 | | 2029 | 0.6 | | 2144 | 2.1 |
| 4 Th | 0231 | 1.8 | 12 Fr | 0229 | 0.7 | 20 Sa | 0233 | 1.9 | 28 Su | 0401 | 0.4 |
| | 0848 | 0.6 | | 0832 | 1.8 | | 0854 | 0.5 | | 1010 | 2.0 |
| | 1506 | 1.8 | | 1439 | 0.6 | | 1516 | 2.0 | | 1622 | 0.5 |
| | 2117 | 0.7 | | 2051 | 1.9 | | 2128 | 0.5 | | 2236 | 2.0 |
| 5 Fr | 0321 | 1.8 | 13 Sa | 0311 | 0.7 | 21 Su | 0332 | 2.0 | 29 Mo | 0453 | 0.4 |
| | 0937 | 0.6 | | 0915 | 1.8 | | 0953 | 0.4 | | 1103 | 1.9 |
| | 1556 | 1.8 | | 1521 | 0.6 | | 1614 | 2.0 | | 1715 | 0.5 |
| | 2207 | 0.7 | | 2133 | 1.9 | | 2227 | 0.5 | | 2327 | 1.9 |
| 6 Sa | 0409 | 1.7 | 14 Su | 0353 | 0.6 | 22 Mo | 0432 | 2.0 | 30 Tu | 0543 | 0.5 |
| | 1025 | 0.6 | | 0958 | 1.8 | | 1051 | 0.4 | | 1155 | 1.9 |
| | 1643 | 1.8 | | 1605 | 0.6 | | 1711 | 2.1 | | 1808 | 0.6 |
| | 2255 | 0.8 | | 2217 | 1.9 | | 2326 | 0.4 | | | |
| 7 Su | 0456 | 1.7 | 15 Mo | 0437 | 0.6 | 23 Tu | 0531 | 2.0 | 31 We | 0017 | 1.9 |
| | 1111 | 0.7 | | 1044 | 1.8 | | 1149 | 0.3 | | 0633 | 0.6 |
| | 1727 | 1.8 | | 1652 | 0.6 | | 1808 | 2.2 | | 1247 | 1.8 |
| | 2340 | 0.7 | | 2302 | 1.9 | | | | | 1901 | 0.7 |
| 8 Mo | 0542 | 1.7 | 16 Tu | 0523 | 0.6 | 24 We | 0024 | 0.4 | | | |
| | 1154 | 0.7 | | 1133 | 1.8 | | 0630 | 2.1 | | | |
| | 1809 | 1.8 | | 1742 | 0.6 | | 1245 | 0.3 | | | |
| | | | | 2351 | 1.9 | | 1903 | 2.2 | | | |

TIMES LISTED ARE NZ STANDARD TIME

CROWN COPYRIGHT RESERVED

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

AUGUST 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|
| 1 Th | 0107 | 1.8 | 9 Fr | 0117 | 0.7 | 17 Sa | 0117 | 1.9 | 25 Su | 0243 | 0.4 |
| | 0724 | 0.6 | | 0721 | 1.8 | | 0736 | 0.5 | | 0852 | 2.0 |
| | 1340 | 1.8 | | 1329 | 0.6 | | 1358 | 2.0 | | 1504 | 0.4 |
| | 1953 | 0.7 | | 1940 | 1.9 | | 2011 | 0.6 | | 2117 | 2.0 |
| 2 Fr | 0157 | 1.8 | 10 Sa | 0159 | 0.6 | 18 Su | 0215 | 1.9 | 26 Mo | 0333 | 0.4 |
| | 0814 | 0.7 | | 0804 | 1.8 | | 0835 | 0.5 | | 0942 | 2.0 |
| | 1432 | 1.8 | | 1411 | 0.6 | | 1457 | 2.0 | | 1555 | 0.5 |
| | 2044 | 0.8 | | 2022 | 1.9 | | 2111 | 0.5 | | 2206 | 2.0 |
| 3 Sa | 0247 | 1.7 | 11 Su | 0241 | 0.6 | 19 Mo | 0315 | 1.9 | 27 Tu | 0421 | 0.5 |
| | 0904 | 0.7 | | 0848 | 1.8 | | 0934 | 0.4 | | 1032 | 1.9 |
| | 1522 | 1.8 | | 1455 | 0.6 | | 1555 | 2.0 | | 1645 | 0.6 |
| | 2134 | 0.8 | | 2106 | 1.9 | | 2210 | 0.5 | | 2254 | 1.9 |
| 4 Su | 0337 | 1.7 | 12 Mo | 0325 | 0.6 | 20 Tu | 0415 | 2.0 | 28 We | 0509 | 0.5 |
| | 0952 | 0.7 | | 0933 | 1.9 | | 1033 | 0.4 | | 1121 | 1.9 |
| | 1609 | 1.8 | | 1541 | 0.6 | | 1652 | 2.1 | | 1735 | 0.7 |
| | 2222 | 0.8 | | 2151 | 1.9 | | 2308 | 0.4 | | 2342 | 1.8 |
| 5 Mo | 0425 | 1.7 | 13 Tu | 0410 | 0.5 | 21 We | 0515 | 2.0 | 29 Th | 0557 | 0.6 |
| | 1039 | 0.7 | | 1020 | 1.9 | | 1131 | 0.4 | | 1211 | 1.8 |
| | 1654 | 1.8 | | 1629 | 0.6 | | 1748 | 2.1 | | 1825 | 0.7 |
| | 2308 | 0.7 | | 2238 | 1.9 | | | | | | |
| 6 Tu | 0511 | 1.7 | 14 We | 0457 | 0.5 | 22 Th | 0004 | 0.4 | 30 Fr | 0031 | 1.8 |
| | 1123 | 0.7 | | 1110 | 1.9 | | 0612 | 2.0 | | 0645 | 0.6 |
| | 1737 | 1.8 | | 1720 | 0.6 | | 1226 | 0.4 | | 1301 | 1.8 |
| | 2352 | 0.7 | | 2328 | 1.9 | | 1842 | 2.1 | | 1916 | 0.7 |
| 7 We | 0556 | 1.7 | 15 Th | 0547 | 0.5 | 23 Fr | 0059 | 0.4 | 31 Sa | 0120 | 1.7 |
| | 1206 | 0.6 | | 1203 | 1.9 | | 0707 | 2.0 | | 0735 | 0.7 |
| | 1818 | 1.8 | | 1815 | 0.6 | | 1320 | 0.4 | | 1352 | 1.7 |
| | | | | | | | 1935 | 2.1 | | 2007 | 0.8 |
| 8 Th | 0035 | 0.7 | 16 Fr | 0021 | 1.9 | 24 Sa | 0152 | 0.4 | | | |
| | 0639 | 1.8 | | 0640 | 0.5 | | 0801 | 2.0 | | | |
| | 1247 | 0.6 | | 1259 | 1.9 | | 1413 | 0.4 | | | |
| | 1859 | 1.8 | | 1912 | 0.6 | | 2027 | 2.1 | | | |

TIMES LISTED ARE NZ STANDARD TIME

CROWN COPYRIGHT RESERVED

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

SEPTEMBER 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|
| 1 | 0210 | 1.7 | 9 | 0213 | 0.5 | 17 | 0301 | 1.9 | 25 | 0348 | 0.5 |
| | 0826 | 0.7 | | 0823 | 1.9 | | 0918 | 0.5 | | 1000 | 1.9 |
| Su | 1442 | 1.7 | Mo | 1432 | 0.5 | Tu | 1537 | 2.0 | We | 1614 | 0.6 |
| | 2057 | 0.8 | | 2041 | 2.0 | | 2153 | 0.5 | | 2220 | 1.8 |
| 2 | 0301 | 1.7 | 10 | 0259 | 0.5 | 18 | 0401 | 1.9 | 26 | 0433 | 0.6 |
| | 0915 | 0.7 | | 0910 | 1.9 | | 1017 | 0.4 | | 1046 | 1.8 |
| Mo | 1530 | 1.7 | Tu | 1520 | 0.5 | We | 1634 | 2.0 | Th | 1701 | 0.7 |
| | 2146 | 0.8 | | 2128 | 2.0 | | 2250 | 0.4 | | 2306 | 1.8 |
| 3 | 0350 | 1.7 | 11 | 0346 | 0.5 | 19 | 0459 | 2.0 | 27 | 0518 | 0.6 |
| | 1003 | 0.7 | | 0959 | 2.0 | | 1113 | 0.4 | | 1132 | 1.8 |
| Tu | 1617 | 1.8 | We | 1611 | 0.5 | Th | 1728 | 2.1 | Fr | 1748 | 0.7 |
| | 2233 | 0.7 | | 2218 | 2.0 | | 2344 | 0.4 | | 2353 | 1.7 |
| 4 | 0438 | 1.7 | 12 | 0435 | 0.5 | 20 | 0555 | 2.0 | 28 | 0605 | 0.7 |
| | 1049 | 0.7 | | 1051 | 2.0 | | 1208 | 0.4 | | 1220 | 1.8 |
| We | 1701 | 1.8 | Th | 1704 | 0.5 | Fr | 1821 | 2.1 | Sa | 1837 | 0.7 |
| | 2318 | 0.7 | | 2309 | 1.9 | | | | | | |
| 5 | 0524 | 1.7 | 13 | 0527 | 0.5 | 21 | 0037 | 0.4 | 29 | 0041 | 1.7 |
| | 1134 | 0.6 | | 1145 | 2.0 | | 0648 | 2.0 | | 0654 | 0.7 |
| Th | 1744 | 1.8 | Fr | 1759 | 0.5 | Sa | 1300 | 0.4 | Su | 1309 | 1.7 |
| | | | | | | | 1911 | 2.0 | | 1927 | 0.8 |
| 6 | 0002 | 0.7 | 14 | 0004 | 1.9 | 22 | 0127 | 0.4 | 30 | 0131 | 1.7 |
| | 0609 | 1.8 | | 0621 | 0.5 | | 0738 | 2.0 | | 0744 | 0.7 |
| Fr | 1217 | 0.6 | Sa | 1242 | 2.0 | Su | 1350 | 0.5 | Mo | 1359 | 1.7 |
| | 1827 | 1.9 | | 1857 | 0.5 | | 2001 | 2.0 | | 2017 | 0.8 |
| 7 | 0045 | 0.6 | 15 | 0101 | 1.9 | 23 | 0216 | 0.4 | | | |
| | 0653 | 1.8 | | 0719 | 0.5 | | 0827 | 2.0 | | | |
| Sa | 1301 | 0.6 | Su | 1340 | 2.0 | Mo | 1439 | 0.5 | | | |
| | 1910 | 1.9 | | 1956 | 0.5 | | 2048 | 2.0 | | | |
| 8 | 0129 | 0.6 | 16 | 0200 | 1.9 | 24 | 0302 | 0.5 | | | |
| | 0737 | 1.9 | | 0819 | 0.5 | | 0914 | 1.9 | | | |
| Su | 1346 | 0.6 | Mo | 1439 | 2.0 | Tu | 1526 | 0.6 | | | |
| | 1955 | 1.9 | | 2055 | 0.5 | | 2135 | 1.9 | | | |

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

OCTOBER 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|
| 1 | 0222 | 1.7 | 9 | 0235 | 0.4 | 17 | 0346 | 1.9 | 25 | 0358 | 0.6 |
| | 0834 | 0.7 | | 0850 | 2.0 | | 1000 | 0.5 | | 1011 | 1.8 |
| Tu | 1448 | 1.7 | We | 1502 | 0.5 | Th | 1614 | 2.0 | Fr | 1627 | 0.7 |
| | 2106 | 0.7 | | 2108 | 2.0 | | 2231 | 0.5 | | 2231 | 1.8 |
| 2 | 0313 | 1.7 | 10 | 0325 | 0.4 | 18 | 0443 | 1.9 | 26 | 0441 | 0.6 |
| | 0924 | 0.7 | | 0941 | 2.0 | | 1056 | 0.5 | | 1055 | 1.8 |
| We | 1536 | 1.8 | Th | 1555 | 0.5 | Fr | 1707 | 2.0 | Sa | 1712 | 0.7 |
| | 2154 | 0.7 | | 2200 | 2.0 | | 2324 | 0.5 | | 2315 | 1.7 |
| 3 | 0402 | 1.7 | 11 | 0416 | 0.4 | 19 | 0537 | 2.0 | 27 | 0525 | 0.7 |
| | 1013 | 0.7 | | 1034 | 2.0 | | 1148 | 0.5 | | 1140 | 1.8 |
| Th | 1622 | 1.8 | Fr | 1649 | 0.5 | Sa | 1758 | 2.0 | Su | 1758 | 0.7 |
| | 2241 | 0.7 | | 2254 | 2.0 | | | | | | |
| 4 | 0451 | 1.8 | 12 | 0509 | 0.4 | 20 | 0014 | 0.5 | 28 | 0001 | 1.7 |
| | 1100 | 0.6 | | 1129 | 2.0 | | 0627 | 2.0 | | 0612 | 0.7 |
| Fr | 1708 | 1.9 | Sa | 1745 | 0.5 | Su | 1239 | 0.5 | Mo | 1227 | 1.8 |
| | 2327 | 0.6 | | 2350 | 1.9 | | 1847 | 2.0 | | 1846 | 0.7 |
| 5 | 0538 | 1.8 | 13 | 0605 | 0.5 | 21 | 0103 | 0.5 | 29 | 0050 | 1.7 |
| | 1146 | 0.6 | | 1226 | 2.0 | | 0715 | 2.0 | | 0701 | 0.7 |
| Sa | 1754 | 1.9 | Su | 1843 | 0.5 | Mo | 1327 | 0.6 | Tu | 1315 | 1.8 |
| | | | | | | | 1934 | 1.9 | | 1934 | 0.7 |
| 6 | 0013 | 0.5 | 14 | 0047 | 1.9 | 22 | 0148 | 0.5 | 30 | 0140 | 1.7 |
| | 0625 | 1.9 | | 0703 | 0.5 | | 0801 | 1.9 | | 0751 | 0.7 |
| Su | 1233 | 0.6 | Mo | 1324 | 2.0 | Tu | 1413 | 0.6 | We | 1403 | 1.8 |
| | 1841 | 1.9 | | 1941 | 0.5 | | 2020 | 1.9 | | 2024 | 0.7 |
| 7 | 0100 | 0.5 | 15 | 0147 | 1.9 | 23 | 0233 | 0.5 | 31 | 0232 | 1.7 |
| | 0712 | 2.0 | | 0803 | 0.5 | | 0845 | 1.9 | | 0842 | 0.7 |
| Mo | 1321 | 0.5 | Tu | 1422 | 2.0 | We | 1458 | 0.6 | Th | 1453 | 1.8 |
| | 1929 | 2.0 | | 2039 | 0.5 | | 2104 | 1.8 | | 2113 | 0.7 |
| 8 | 0147 | 0.4 | 16 | 0247 | 1.9 | 24 | 0315 | 0.6 | | | |
| | 0800 | 2.0 | | 0902 | 0.5 | | 0928 | 1.9 | | | |
| Tu | 1411 | 0.5 | We | 1519 | 2.0 | Th | 1543 | 0.7 | | | |
| | 2018 | 2.0 | | 2136 | 0.5 | | 2147 | 1.8 | | | |

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

NOVEMBER 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------------|------|-----|-----------------|------|-----|-----------------|------|-----|-----------------|------|-----|
| 1 Fr | 0324 | 1.7 | 9 Sa | 0359 | 0.3 | 17 Su | 0517 | 1.9 | 25 Mo | 0449 | 0.7 |
| | 0934 | 0.7 | | 1018 | 2.1 | | 1128 | 0.6 | | 1103 | 1.8 |
| | 1542 | 1.8 | | 1635 | 0.4 | | 1735 | 1.9 | | 1722 | 0.7 |
| | 2203 | 0.6 | | 2239 | 2.0 | | 2351 | 0.5 | | 2324 | 1.7 |
| 2 Sa | 0416 | 1.8 | 10 Su | 0453 | 0.4 | 18 Mo | 0606 | 1.9 | 26 Tu | 0533 | 0.7 |
| | 1025 | 0.6 | | 1113 | 2.1 | | 1217 | 0.6 | | 1147 | 1.8 |
| | 1632 | 1.9 | | 1731 | 0.4 | | 1823 | 1.9 | | 1807 | 0.7 |
| | 2252 | 0.6 | | 2335 | 2.0 | | | | | | |
| 3 Su | 0507 | 1.9 | 11 Mo | 0549 | 0.4 | 19 Tu | 0038 | 0.5 | 27 We | 0011 | 1.7 |
| | 1116 | 0.6 | | 1209 | 2.1 | | 0652 | 1.9 | | 0620 | 0.7 |
| | 1722 | 1.9 | | 1827 | 0.5 | | 1304 | 0.6 | | 1233 | 1.8 |
| | 2342 | 0.5 | | | | | 1908 | 1.8 | | 1854 | 0.7 |
| 4 Mo | 0557 | 1.9 | 12 Tu | 0033 | 1.9 | 20 We | 0122 | 0.5 | 28 Th | 0100 | 1.7 |
| | 1207 | 0.5 | | 0647 | 0.5 | | 0736 | 1.9 | | 0710 | 0.7 |
| | 1813 | 2.0 | | 1306 | 2.0 | | 1348 | 0.6 | | 1322 | 1.8 |
| | | | | 1924 | 0.5 | | 1952 | 1.8 | | 1942 | 0.7 |
| 5 Tu | 0032 | 0.4 | 13 We | 0132 | 1.9 | 21 Th | 0204 | 0.6 | 29 Fr | 0152 | 1.7 |
| | 0648 | 2.0 | | 0746 | 0.5 | | 0817 | 1.9 | | 0802 | 0.7 |
| | 1259 | 0.5 | | 1402 | 2.0 | | 1431 | 0.7 | | 1412 | 1.8 |
| | 1904 | 2.0 | | 2020 | 0.5 | | 2034 | 1.8 | | 2033 | 0.6 |
| 6 We | 0123 | 0.4 | 14 Th | 0231 | 1.9 | 22 Fr | 0245 | 0.6 | 30 Sa | 0246 | 1.8 |
| | 0739 | 2.1 | | 0844 | 0.6 | | 0858 | 1.9 | | 0856 | 0.7 |
| | 1351 | 0.4 | | 1458 | 1.9 | | 1513 | 0.7 | | 1503 | 1.9 |
| | 1957 | 2.0 | | 2116 | 0.5 | | 2116 | 1.8 | | 2125 | 0.6 |
| 7 Th | 0214 | 0.3 | 15 Fr | 0329 | 1.9 | 23 Sa | 0326 | 0.6 | | | |
| | 0831 | 2.1 | | 0941 | 0.6 | | 0939 | 1.8 | | | |
| | 1445 | 0.4 | | 1552 | 1.9 | | 1556 | 0.7 | | | |
| | 2050 | 2.0 | | 2210 | 0.5 | | 2158 | 1.8 | | | |
| 8 Fr | 0306 | 0.3 | 16 Sa | 0425 | 1.9 | 24 Su | 0407 | 0.6 | | | |
| | 0924 | 2.1 | | 1036 | 0.6 | | 1020 | 1.8 | | | |
| | 1539 | 0.4 | | 1645 | 1.9 | | 1638 | 0.7 | | | |
| | 2144 | 2.0 | | 2302 | 0.5 | | 2240 | 1.7 | | | |

LAND INFORMATION NEW ZEALAND TIDE PREDICTIONS

GISBORNE

Lat. 38°40' S Long. 178°02' E

DECEMBER 2013

TIME ZONE: -1200

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| | Time | m | | Time | m | | Time | m | | Time | m |
|----------|------|-----|-----------|------|-----|-----------|------|-----|-----------|------|-----|
| 1 | 0341 | 1.8 | 9 | 0436 | 0.4 | 17 | 0542 | 1.8 | 25 | 0500 | 0.7 |
| | 0951 | 0.6 | | 1056 | 2.1 | | 1153 | 0.7 | | 1113 | 1.8 |
| Su | 1557 | 1.9 | Mo | 1713 | 0.4 | Tu | 1757 | 1.8 | We | 1731 | 0.7 |
| | 2219 | 0.5 | | 2319 | 2.0 | | | | | 2336 | 1.7 |
| 2 | 0436 | 1.9 | 10 | 0532 | 0.4 | 18 | 0012 | 0.6 | 26 | 0545 | 0.7 |
| | 1046 | 0.6 | | 1151 | 2.1 | | 0627 | 1.8 | | 1158 | 1.8 |
| Mo | 1651 | 1.9 | Tu | 1808 | 0.4 | We | 1239 | 0.7 | Th | 1817 | 0.7 |
| | 2313 | 0.4 | | | | | 1842 | 1.8 | | | |
| 3 | 0531 | 2.0 | 11 | 0015 | 1.9 | 19 | 0055 | 0.6 | 27 | 0025 | 1.8 |
| | 1141 | 0.5 | | 0629 | 0.5 | | 0710 | 1.8 | | 0634 | 0.7 |
| Tu | 1747 | 2.0 | We | 1246 | 2.0 | Th | 1322 | 0.7 | Fr | 1245 | 1.8 |
| | | | | 1903 | 0.5 | | 1925 | 1.8 | | 1905 | 0.6 |
| 4 | 0007 | 0.4 | 12 | 0113 | 1.9 | 20 | 0137 | 0.6 | 28 | 0117 | 1.8 |
| | 0625 | 2.1 | | 0726 | 0.6 | | 0750 | 1.8 | | 0727 | 0.7 |
| We | 1237 | 0.4 | Th | 1340 | 1.9 | Fr | 1404 | 0.7 | Sa | 1336 | 1.9 |
| | 1842 | 2.0 | | 1958 | 0.5 | | 2006 | 1.8 | | 1957 | 0.6 |
| 5 | 0100 | 0.3 | 13 | 0211 | 1.9 | 21 | 0217 | 0.6 | 29 | 0212 | 1.8 |
| | 0719 | 2.1 | | 0823 | 0.6 | | 0830 | 1.8 | | 0823 | 0.6 |
| Th | 1332 | 0.4 | Fr | 1435 | 1.9 | Sa | 1445 | 0.7 | Su | 1430 | 1.9 |
| | 1937 | 2.1 | | 2053 | 0.6 | | 2047 | 1.8 | | 2052 | 0.6 |
| 6 | 0154 | 0.3 | 14 | 0308 | 1.8 | 22 | 0256 | 0.6 | 30 | 0310 | 1.9 |
| | 0813 | 2.2 | | 0919 | 0.6 | | 0909 | 1.8 | | 0920 | 0.6 |
| Fr | 1427 | 0.4 | Sa | 1528 | 1.9 | Su | 1526 | 0.7 | Mo | 1526 | 1.9 |
| | 2033 | 2.1 | | 2146 | 0.6 | | 2127 | 1.8 | | 2149 | 0.5 |
| 7 | 0248 | 0.3 | 15 | 0403 | 1.8 | 23 | 0336 | 0.6 | 31 | 0408 | 1.9 |
| | 0907 | 2.2 | | 1013 | 0.7 | | 0949 | 1.8 | | 1019 | 0.6 |
| Sa | 1523 | 0.4 | Su | 1620 | 1.8 | Mo | 1606 | 0.7 | Tu | 1624 | 2.0 |
| | 2128 | 2.1 | | 2238 | 0.6 | | 2209 | 1.8 | | 2246 | 0.4 |
| 8 | 0342 | 0.3 | 16 | 0454 | 1.8 | 24 | 0417 | 0.6 | | | |
| | 1001 | 2.2 | | 1105 | 0.7 | | 1030 | 1.8 | | | |
| Su | 1618 | 0.4 | Mo | 1710 | 1.8 | Tu | 1648 | 0.7 | | | |
| | 2223 | 2.0 | | 2326 | 0.6 | | 2251 | 1.7 | | | |