

# SCOTLAND — CASTLE BAY

LAT 56°57'N LONG 7°29'W

TIME ZONE UT(GMT)

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

YEAR 2009

| SEPTEMBER      |     |                |     | OCTOBER        |     |                |     | NOVEMBER       |     |                |     | DECEMBER       |     |                |     |
|----------------|-----|----------------|-----|----------------|-----|----------------|-----|----------------|-----|----------------|-----|----------------|-----|----------------|-----|
| Time           | m   | Time           | m   | Time           | m   | Time           | m   | Time           | m   | Time           | m   | Time           | m   | Time           | m   |
| <b>1</b> 0428  | 3.1 | <b>16</b> 0356 | 3.8 | <b>1</b> 0428  | 3.5 | <b>16</b> 0423 | 4.1 | <b>1</b> 0449  | 4.1 | <b>16</b> 0520 | 4.2 | <b>1</b> 0453  | 4.1 | <b>16</b> 0545 | 4.0 |
| TU 1024        | 1.5 | W 1612         | 4.2 | TH 1030        | 1.4 | F 1638         | 1.0 | SU 1059        | 1.2 | M 1739         | 4.1 | TU 1110        | 1.1 | W 1811         | 3.6 |
| 2255           | 1.3 | 2241           | 0.7 | 2250           | 1.1 | 2300           | 0.6 | 2313           | 0.9 | • 2353         | 0.9 | 2325           | 1.0 | •              |     |
| <b>2</b> 0502  | 3.3 | <b>17</b> 0445 | 4.1 | <b>2</b> 0459  | 3.8 | <b>17</b> 0505 | 4.3 | <b>2</b> 0521  | 4.3 | <b>17</b> 0558 | 4.2 | <b>2</b> 0535  | 4.3 | <b>17</b> 0017 | 1.0 |
| W 1103         | 1.3 | TH 1052        | 0.9 | 1104           | 1.2 | 1110           | 0.9 | 1136           | 1.0 | 1214           | 0.9 | 1157           | 1.0 | 17 0624        | 4.1 |
| W 1702         | 3.9 | TH 1700        | 4.5 | F 1701         | 4.2 | SA 1720        | 4.6 | M 1734         | 4.4 | TU 1819        | 4.1 | W 1801         | 4.3 | TH 1246        | 1.0 |
| 2327           | 1.1 | 2325           | 0.4 | 2320           | 0.9 | 2340           | 0.6 | O 2350         | 0.8 | O              |     | O              |     | 1845           | 3.6 |
| <b>3</b> 0533  | 3.7 | <b>18</b> 0529 | 4.3 | <b>3</b> 0526  | 4.0 | <b>18</b> 0543 | 4.4 | <b>3</b> 0556  | 4.4 | <b>18</b> 0032 | 0.9 | <b>3</b> 0010  | 0.8 | <b>18</b> 0055 | 1.0 |
| 1139           | 1.0 | 1135           | 0.7 | 1136           | 1.0 | 1152           | 0.8 | 1214           | 0.9 | 0633           | 4.3 | 0620           | 4.4 | 0655           | 4.2 |
| TH 1735        | 4.1 | F 1743         | 4.9 | SA 1732        | 4.3 | SU 1758        | 4.6 | TU 1813        | 4.4 | W 1254         | 1.0 | TH 1244        | 0.8 | F 1325         | 1.0 |
| 2358           | 0.9 | •              |     | 2350           | 0.8 | •              |     | 1851           | 4.0 | 1851           | 4.0 | 1845           | 4.3 | 1916           | 3.6 |
| <b>4</b> 0601  | 3.8 | <b>19</b> 0007 | 0.4 | <b>4</b> 0554  | 4.2 | <b>19</b> 0017 | 0.6 | <b>4</b> 0029  | 0.7 | <b>19</b> 0109 | 1.0 | <b>4</b> 0054  | 0.8 | <b>19</b> 0132 | 1.0 |
| 1210           | 0.9 | 0610           | 4.5 | 1208           | 0.9 | 0620           | 4.4 | 0631           | 4.4 | 0706           | 4.2 | 0700           | 4.5 | 0727           | 4.1 |
| F 1805         | 4.2 | SA 1216        | 0.6 | SU 1802        | 4.4 | M 1232         | 0.8 | W 1254         | 0.8 | TH 1334        | 1.1 | F 1333         | 0.7 | SA 1401        | 1.0 |
| O              |     | 1822           | 4.9 | O              |     | 1833           | 4.5 | 1849           | 4.4 | 1925           | 3.8 | 1929           | 4.2 | 1947           | 3.5 |
| <b>5</b> 0027  | 0.7 | <b>20</b> 0045 | 0.9 | <b>5</b> 0021  | 0.6 | <b>20</b> 0054 | 0.7 | <b>5</b> 0108  | 0.8 | <b>20</b> 0147 | 1.2 | <b>5</b> 0140  | 0.9 | <b>20</b> 0209 | 1.1 |
| 0627           | 4.0 | 0643           | 4.5 | 0623           | 4.3 | 0651           | 4.4 | 0705           | 4.4 | 0741           | 4.1 | 0742           | 4.4 | 0800           | 4.0 |
| SA 1240        | 0.8 | SU 1255        | 0.5 | M 1240         | 0.8 | TU 1310        | 0.9 | TH 1337        | 0.9 | F 1415         | 1.2 | SA 1422        | 0.7 | SU 1437        | 1.1 |
| 1831           | 4.3 | 1853           | 4.7 | 1832           | 4.5 | 1904           | 4.3 | 1928           | 4.2 | 2001           | 3.5 | 2015           | 4.1 | 2020           | 3.4 |
| <b>6</b> 0055  | 0.6 | <b>21</b> 0124 | 0.4 | <b>6</b> 0054  | 0.6 | <b>21</b> 0131 | 0.9 | <b>6</b> 0149  | 0.9 | <b>21</b> 0224 | 1.4 | <b>6</b> 0226  | 1.0 | <b>21</b> 0243 | 1.2 |
| 0850           | 4.0 | 0715           | 4.4 | 0649           | 4.3 | 0722           | 4.2 | 0744           | 4.2 | 0819           | 3.9 | 0830           | 4.3 | 0835           | 3.9 |
| SU 1309        | 0.7 | M 1334         | 4.6 | TU 1313        | 0.8 | W 1350         | 1.0 | F 1423         | 0.9 | SA 1453        | 1.4 | SU 1510        | 0.8 | M 1512         | 1.2 |
| 1855           | 4.3 | 1925           | 0.5 | 1900           | 4.4 | 1936           | 4.0 | 2015           | 3.9 | 2041           | 3.3 | 2107           | 3.8 | 2056           | 3.3 |
| <b>7</b> 0126  | 0.5 | <b>22</b> 0200 | 0.6 | <b>7</b> 0130  | 0.7 | <b>22</b> 0208 | 1.1 | <b>7</b> 0232  | 1.1 | <b>22</b> 0302 | 1.5 | <b>7</b> 0312  | 1.1 | <b>22</b> 0320 | 1.4 |
| 0714           | 4.0 | 0746           | 4.2 | 0717           | 4.2 | 0756           | 4.0 | 0832           | 4.0 | 0903           | 3.7 | 0923           | 4.1 | 0914           | 3.6 |
| M 1340         | 0.8 | TU 1413        | 0.9 | W 1350         | 0.9 | TH 1428        | 1.2 | SA 1510        | 1.1 | SU 1533        | 1.5 | M 1603         | 1.0 | TU 1551        | 1.3 |
| 1920           | 4.2 | 1957           | 4.2 | 1933           | 4.2 | 2012           | 3.7 | 2116           | 3.7 | 2130           | 3.1 | 2205           | 3.5 | 2138           | 3.1 |
| <b>8</b> 0159  | 0.6 | <b>23</b> 0236 | 0.9 | <b>8</b> 0208  | 0.8 | <b>23</b> 0243 | 1.4 | <b>8</b> 0318  | 1.4 | <b>23</b> 0344 | 1.7 | <b>8</b> 0405  | 1.4 | <b>23</b> 0400 | 1.6 |
| 0739           | 4.0 | 0821           | 3.9 | 0749           | 4.0 | 0836           | 3.8 | 0937           | 3.8 | 0954           | 3.5 | 1024           | 3.9 | 0958           | 3.4 |
| TU 1413        | 0.9 | W 1449         | 1.1 | TH 1428        | 0.9 | F 1507         | 1.5 | SU 1610        | 1.3 | M 1620         | 1.6 | TU 1701        | 1.1 | W 1633         | 1.5 |
| 1948           | 4.1 | 2033           | 3.8 | 2012           | 3.9 | 2057           | 3.3 | 2227           | 3.3 | 2229           | 3.0 | 2305           | 3.3 | 2228           | 3.0 |
| <b>9</b> 0232  | 0.8 | <b>24</b> 0312 | 1.3 | <b>9</b> 0245  | 1.0 | <b>24</b> 0322 | 1.6 | <b>9</b> 0417  | 1.6 | <b>24</b> 0435 | 1.9 | <b>9</b> 0505  | 1.6 | <b>24</b> 0446 | 1.7 |
| 0807           | 3.8 | 0901           | 3.5 | 0830           | 3.8 | 0929           | 3.5 | 1049           | 3.7 | 1049           | 3.3 | 1127           | 3.8 | 1046           | 3.3 |
| W 1445         | 1.0 | TH 1528        | 1.5 | F 1510         | 1.2 | SA 1553        | 1.7 | M 1723         | 1.5 | TU 1715        | 1.8 | W 1804         | 1.3 | TH 1720        | 1.6 |
| 2021           | 3.8 | 2120           | 3.3 | 2108           | 3.5 | 2208           | 3.0 | ( 2336         | 3.2 | ) 2333         | 2.9 | (              |     | ) 2322         | 2.9 |
| <b>10</b> 0807 | 0.9 | <b>25</b> 0352 | 1.6 | <b>10</b> 0327 | 1.4 | <b>25</b> 0408 | 2.0 | <b>10</b> 0533 | 1.8 | <b>25</b> 0538 | 2.0 | <b>10</b> 0015 | 3.2 | <b>25</b> 0540 | 1.8 |
| 0841           | 3.5 | 1001           | 3.3 | 0934           | 3.4 | 1037           | 3.3 | 1200           | 3.5 | 1145           | 3.3 | 0615           | 1.6 | 1139           | 3.2 |
| TH 1524        | 1.2 | F 1615         | 1.8 | SA 1604        | 1.5 | SU 1648        | 2.0 | TU 1843        | 1.4 | W 1816         | 1.8 | TH 1239        | 3.6 | F 1814         | 1.6 |
| 2108           | 3.4 | 2255           | 2.9 | 2233           | 3.2 | 2332           | 2.9 |                |     |                |     | 1911           | 1.3 |                |     |
| <b>11</b> 0349 | 1.2 | <b>26</b> 0439 | 2.0 | <b>11</b> 0422 | 1.6 | <b>26</b> 0512 | 2.1 | <b>11</b> 0055 | 3.3 | <b>26</b> 0050 | 3.0 | <b>11</b> 0131 | 3.2 | <b>26</b> 0029 | 3.0 |
| 0935           | 3.2 | 1124           | 3.1 | 1103           | 3.3 | 1146           | 3.2 | 0657           | 1.7 | 0649           | 2.0 | 0728           | 1.6 | 0640           | 1.9 |
| F 1611         | 1.5 | SA 1718        | 2.0 | SU 1725        | 1.6 | M 1810         | 2.0 | W 1319         | 3.7 | TH 1252        | 3.3 | F 1355         | 3.5 | SA 1243        | 3.2 |
| 2228           | 3.1 | )              |     | ( 2355         | 3.1 | )              |     | 1956           | 1.3 | 1921           | 1.7 | 2019           | 1.3 | 1913           | 1.6 |
| <b>12</b> 0439 | 1.5 | <b>27</b> 0031 | 2.8 | <b>12</b> 0545 | 1.9 | <b>27</b> 0100 | 2.9 | <b>12</b> 0209 | 3.4 | <b>27</b> 0158 | 3.1 | <b>12</b> 0238 | 3.4 | <b>27</b> 0138 | 3.1 |
| 1106           | 3.1 | 0559           | 2.1 | 1225           | 3.3 | 0652           | 2.1 | 0810           | 1.6 | 0755           | 1.9 | 0838           | 1.6 | 0746           | 1.8 |
| SA 1719        | 1.6 | SU 1249        | 3.1 | M 1910         | 1.5 | TU 1303        | 3.2 | TH 1428        | 3.9 | F 1355         | 3.4 | SA 1501        | 3.5 | SU 1354        | 3.3 |
| ( 2358         | 3.0 | 1927           | 2.0 | 1947           | 2.0 | 1947           | 2.0 | 2058           | 1.1 | 2021           | 1.6 | 2119           | 1.3 | 2017           | 1.6 |
| <b>13</b> 0551 | 1.7 | <b>28</b> 0159 | 2.8 | <b>13</b> 0123 | 3.2 | <b>28</b> 0213 | 3.0 | <b>13</b> 0309 | 3.7 | <b>28</b> 0249 | 3.3 | <b>13</b> 0334 | 3.5 | <b>28</b> 0241 | 3.3 |
| 1237           | 3.1 | 0757           | 2.1 | 0728           | 1.8 | 0812           | 2.0 | 0911           | 1.4 | 0851           | 1.7 | 0941           | 1.5 | 0855           | 1.6 |
| SU 1911        | 1.7 | M 1405         | 3.2 | TU 1348        | 3.5 | W 1410         | 3.4 | F 1526         | 4.0 | SA 1450        | 3.7 | SU 1559        | 3.6 | M 1501         | 3.5 |
|                |     | 2056           | 1.9 | 2032           | 1.3 | 2048           | 1.7 | 2149           | 1.0 | 2111           | 1.4 | 2211           | 1.2 | 2120           | 1.4 |
| <b>14</b> 0134 | 3.1 | <b>29</b> 0306 | 3.0 | <b>14</b> 0237 | 3.5 | <b>29</b> 0306 | 3.2 | <b>14</b> 0358 | 3.9 | <b>29</b> 0332 | 3.7 | <b>14</b> 0422 | 3.8 | <b>29</b> 0338 | 3.6 |
| 0738           | 1.7 | 0904           | 1.9 | 0845           | 1.5 | 0905           | 1.8 | 1003           | 1.2 | 0939           | 1.5 | 1034           | 1.3 | 0958           | 1.4 |
| M 1406         | 3.4 | TU 1504        | 3.4 | W 1457         | 3.9 | TH 1502        | 3.7 | SA 1616        | 4.1 | SU 1539        | 3.8 | M 1648         | 3.6 | TU 1604        | 3.8 |
| 2049           | 1.4 | 2143           | 1.6 | 2130           | 1.0 | 2129           | 1.5 | 2233           | 0.9 | 2158           | 1.2 | 2256           | 1.1 | 2217           | 1.2 |
| <b>15</b> 0253 | 3.4 | <b>30</b> 0353 | 3.2 | <b>15</b> 0336 | 3.8 | <b>30</b> 0345 | 3.5 | <b>15</b> 0441 | 4.1 | <b>30</b> 0411 | 3.9 | <b>15</b> 0505 | 3.9 | <b>30</b> 0431 | 4.0 |
| 0905           | 1.5 | 0951           | 1.6 | 0941           | 1.3 | 0947           | 1.6 | 1048           | 1.1 | 1025           | 1.3 | 1121           | 1.2 | 1054           | 1.1 |
| TU 1516        | 3.8 | W 1550         | 3.7 | TH 1552        | 4.2 | F 1545         | 3.9 | SU 1700        | 4.1 | M 1627         | 4.0 | TU 1732        | 3.6 | W 1701         | 4.0 |
| 2152           | 1.0 | 2218           | 1.4 | 2217           | 0.8 | 2205           | 1.3 | 2314           | 0.9 | 2241           | 1.0 | 2337           | 1.1 | 2309           | 1.0 |
|                |     |                |     |                |     |                |     |                |     |                |     |                |     |                |     |
|                |     |                |     | <b>31</b> 0418 | 3.8 | <b>31</b> 0418 | 3.8 |                |     |                |     | <b>31</b> 0522 | 4.2 | <b>31</b> 0522 | 4.2 |
|                |     |                |     | 1024           | 1.4 | 1024           | 1.4 |                |     |                |     | 1148           | 0.9 | 1148           | 0.9 |
|                |     |                |     | SA 1622        | 4.1 | SA 1622        | 4.1 |                |     |                |     | TH 1755        | 4.2 | TH 1755        | 4.2 |
|                |     |                |     | 2239           | 1.1 | 2239           | 1.1 |                |     |                |     | O              |     | O              |     |