## CATICLAN, MALAY, AKLAN LAT 11° 56'N LONG 121° 57'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| September   |   | October   |   | November  |   | December   |   |
|---|---|---|---|---|---|--|---|
| Time Ht. Tir  | me Ht.<br>min. m.                         | Time Ht.  | Time Ht.<br>h. min. m.  | Time Ht.  | Time Ht.<br>h. min. m.  | Time Ht.<br>h. min. m.   | Time Ht. h. min. m.   |
| 1 00 02 0.99 16 05 FRI 05 10 0.41 SAT 11 11 24 1.92   | 27 0.31 1                                 | <b>1</b> 06 00 0.01   | <b>16</b> 05 54 -0.01 MON 11 47 1.26 17 36 0.39 23 24 1.65          | 1 07 18 -0.20<br>WED 13 19 0.76<br>17 21 0.53                             | 16 07 06 -0.30<br>THU 13 22 0.73<br>17 03 0.57<br>23 54 1.98              | 1 07 53 -0.25<br>FRI 14 27 0.61<br>17 08 0.54                              | 16 07 54 -0.44<br>SAT 14 45 0.58<br>17 06 0.54                    |
| 2 00 21 1.11 17 06 SAT 06 02 0.26 SUN 11 18 18  | 02 0.21<br>59 1.51<br>28 0.21             | 2 06 45 -0.07<br>NON 12 39 1.23<br>18 21 0.40                       | <b>17</b> 06 30 -0.08<br>TUE 12 23 1.12<br>17 49 0.45<br>23 48 1.75 | <b>2</b> 00 12 1.94<br><b>THU</b> 08 00 -0.14<br>14 06 0.66<br>17 29 0.54 | <b>17</b> 07 51 -0.28 <b>FRI</b> 14 24 0.65 17 06 0.59                    | <b>2</b> 00 34 1.83<br><b>SAT</b> 08 32 -0.17<br>15 23 0.62<br>17 36 0.59  | <b>17</b> 00 34 1.94 <b>SUN</b> 08 39 -0.36 15 32 0.60 17 58 0.57 |
| 3 00 43 1.25 80N 06 51 0.16 12 51 1.56 12 18 18   | 09 1.35<br>38 0.14<br>30 1.37<br>44 0.28  | 3 00 17 1.72<br>TUE 07 28 -0.07<br>13 18 1.01<br>18 29 0.46         | <b>18</b> 07 07 -0.12 WED 13 01 0.97 18 00 0.51                     | 17 29 0.54<br>3 00 45 1.87<br>FRI 08 44 -0.05<br>15 15 0.61<br>17 29 0.58 | <b>18</b> 00 30 1.95 <b>SAT</b> 08 40 -0.21                               | 3 01 11 1.70<br>SUN 09 12 -0.08<br>16 36 0.66<br>17 57 0.65                | <b>18</b> 01 21 1.80 MON 09 23 -0.24 16 18 0.67 19 14 0.61        |
| 4 01 08 1.40 TUE 07 13 31 1.30 19 39 0.29 18  | 30 1.46<br>15 0.10<br>04 1.21<br>57 0.35  | 4 00 46 1.79<br>VED 08 13 -0.02<br>13 58 0.81<br>18 32 0.50         | <b>19</b> 00 15 1.82<br>THU 07 49 -0.11<br>13 47 0.81<br>18 04 0.56 | <b>4</b> 01 21 1.75 <b>SAT</b> 09 36 0.06                                 | <b>19</b> 01 10 1.86 <b>SUN</b> 09 39 -0.11                               | <b>4</b> 01 48 1.55 <b>MON</b> 09 56 0.02                                  | <b>19</b> 02 12 1.60 TUE 10 09 -0.10 17 04 0.77 20 54 0.65        |
| 5 01 36 1.51 20 00 WED 07 14 12 1.04 13 19 49 0.39  | 53 1.55<br>55 0.09<br>41 1.03<br>08 0.44  | 5 01 17 1.78<br>THU 09 02 0.07<br>14 48 0.66<br>18 26 0.53          | <b>20</b> 00 44 1.84 FRI 08 36 -0.06 14 50 0.67 17 49 0.61          | <b>5</b> 01 57 1.59 <b>SUN</b> 10 42 0.15                                 | <b>20</b> 01 58 1.70 <b>MON</b> 10 47 -0.01                               | <b>5</b> 02 28 1.37 TUE 10 45 0.12   | <b>20</b> 03 12 1.35 WED 10 55 0.05                               |
| 6 02 08 1.58 21 01 тни 08 14 55 0.80 14 19 50 0.47 19   | 19 1.62<br>41 0.11<br>25 0.84<br>11 0.52  | 6 01 51 1.71<br>FRI 10 03 0.17                                      | <b>21</b> 01 17 1.81 <b>SAT</b> 09 39 0.02                          | <b>6</b> 02 43 1.41 MON 12 08 0.21  | <b>21</b> 03 03 1.49<br><b>TUE</b> 11 59 0.08<br>21 06 0.91<br>21 51 0.91 | 6 03 22 1.18<br>WED 11 40 0.22<br>19 41 0.90<br>23 38 0.82                 | <b>21</b> 04 30 1.08 THU 11 41 0.21 18 32 1.06                    |
| 7 02 43 1.58 FRI 09 (15 18 18 18 18 18 18 18 18 18 18 18 18 18                                      | 49 1.65<br>41 0.15<br>35 0.65<br>46 0.59  | 7 02 28 1.58<br>SAT 11 34 0.24                                      | <b>22</b> 01 57 1.73 <b>SUN</b> 11 09 0.08                          | 7 04 06 1.23<br>TUE 13 30 0.23<br>21 49 1.01                              | <b>22</b> 04 47 1.29 WED 13 03 0.16 20 17 1.02                            | <b>7</b> 04 57 1.01<br>THU 12 39 0.31<br>19 54 1.01                        | <b>22</b> 00 53 0.47 <b>FRI</b> 06 18 0.86 12 24 0.34 19 14 1.23  |
| 8 03 26 1.52 23 02<br>FRI 12 23 0.29 SAT 11   | 26 1.65<br>15 0.18 St                     | 8 03 20 1.43<br>SUN 13 41 0.23                                      | <b>23</b> 02 54 1.58 MON 12 52 0.09                                 | <b>8</b> 01 33 0.95 WED 06 33 1.15 14 24 0.24 21 23 1.08                  | <b>23</b> 01 16 0.74 THU 06 52 1.17 13 54 0.24 20 26 1.19                 | <b>8</b> 01 59 0.65<br><b>FRI</b> 06 57 0.91<br>13 30 0.38<br>20 11 1.13   | <b>23</b> 02 29 0.25 <b>SAT</b> 08 12 0.73 13 06 0.45 19 56 1.41  |
| 9 04 30 1.44 24 03 SUN 13   | 18 1.59<br>21 0.11 <b>9</b>               | 9 05 21 1.29<br>ION 14 48 0.17<br>23 38 1.01                        | <b>24</b> 04 50 1.43 TUE 14 06 0.06 22 04 1.01                      | 9 02 48 0.75<br>THU 08 04 1.17<br>15 03 0.27<br>21 24 1.17                | <b>24</b> 02 39 0.45 FRI 08 22 1.13 14 33 0.33 20 47 1.38                 | 9 03 03 0.41<br>SAT 08 29 0.88<br>14 10 0.45<br>20 33 1.29                 | <b>24</b> 03 37 0.02 sun 09 45 0.67 13 42 0.52 20 37 1.57         |
| 10 06 21 1.39 25 05 sun 15 36 0.10 mon 14   | 00 1.52<br>45 -0.01                       | TUE 07 33 1.31 15 29 0.12 22 27 1.04                                | <b>25</b> 01 07 0.95 WED 07 12 1.41 14 54 0.07 21 35 1.10           | <b>10</b> 03 28 0.52 FRI 09 02 1.20 15 30 0.31 21 31 1.28                 | <b>25</b> 03 36 0.18 <b>SAT</b> 09 29 1.07 15 05 0.42 21 13 1.57          | <b>10</b> 03 48 0.16<br><b>SUN</b> 09 39 0.86<br>14 42 0.51<br>20 57 1.46  | <b>25</b> 04 30 -0.18 MON 11 00 0.64 14 14 0.55 21 18 1.71        |
| <b>11</b> 07 59 1.44 <b>26</b> 07 <b>MON</b> 16 14 0.02 TUE 15 23 36 0.93                           | 17 1.56<br>36 -0.10<br>47 0.98            | 11 03 07 0.82<br>VED 08 42 1.39<br>16 01 0.11<br>22 22 1.10         | <b>26</b> 02 42 0.68 THU 08 34 1.46 15 33 0.11 21 41 1.24           | <b>11</b> 04 03 0.30 <b>SAT</b> 09 48 1.20 15 52 0.37 21 45 1.42          | <b>26</b> 04 25 -0.05 <b>SUN</b> 10 25 0.99 15 30 0.49 21 43 1.74         | <b>11</b> 04 29 -0.07 <b>MON</b> 10 38 0.82 15 07 0.55 21 27 1.63          | <b>26</b> 05 16 -0.31 TUE 11 57 0.61 14 46 0.54 21 59 1.80        |
| <b>12</b> 02 47 0.87 TUE 09 00 1.54 WED 08 16 45 -0.03 23 18 0.95                                   | 20 0.86<br>40 1.68<br>17 -0.12<br>39 1.05 | <b>12</b> 03 44 0.63<br><b>THU</b> 09 27 1.46 16 27 0.14 22 25 1.16 | <b>27</b> 03 39 0.39 FRI 09 33 1.47 16 04 0.20 21 57 1.42           | <b>12</b> 04 37 0.09 <b>SUN</b> 10 29 1.15 16 11 0.43 22 03 1.57          | <b>27</b> 05 10 -0.22 <b>MON</b> 11 17 0.88                               | <b>12</b> 05 09 -0.25<br><b>TUE</b> 11 32 0.76<br>15 27 0.58<br>21 58 1.79 | <b>27</b> 05 58 -0.39 <b>WED</b> 12 39 0.58                       |
| <b>13</b> 03 43 0.72 <b>28</b> 03 <b>WED</b> 09 45 1.63 <b>THU</b> 09 16 23 20 0.99 <b>28</b> 03 22 | 33 0.61<br>40 1.76<br>52 -0.08<br>49 1.16 | 13 04 15 0.44<br>FRI 10 06 1.49<br>16 48 0.19<br>22 33 1.26         | <b>28</b> 04 27 0.13 SAT 10 24 1.40 16 30 0.31 22 20 1.59           | <b>13</b> 05 12 -0.08 MON 11 09 1.07   ■ 16 27 0.49   22 26 1.73          | 28 05 53 -0.31<br>TUE 12 06 0.77<br>16 05 0.54<br>22 48 1.95              | 13 05 49 -0.39<br>WED 12 22 0.70<br>15 45 0.57<br>22 33 1.92               | <b>28</b> 06 36 -0.41 THU 13 13 0.57 16 06 0.49 23 18 1.86        |
| <b>14</b> 04 20 0.57 THU 10 22 1.68 FRI 10 17 36 0.01 17 23 26 1.04 23                              | 27 0.36<br>30 1.75<br>22 0.03<br>07 1.30  | 14 04 47 0.26<br>SAT 10 40 1.46<br>17 05 0.26<br>22 46 1.38         | 29 05 12 -0.07<br>SUN 11 11 1.27<br>16 51 0.41<br>22 45 1.75        | <b>14</b> 05 48 -0.20 <b>TUE</b> 11 50 0.96 16 41 0.52 22 52 1.86         | <b>29</b> 06 34 -0.33 WED 12 54 0.68 16 21 0.53 23 23 1.97                | <b>14</b> 06 30 -0.46<br><b>THU</b> 13 11 0.64<br>16 05 0.56<br>23 11 2.00 | <b>29</b> 07 12 -0.40 FRI 13 43 0.58 16 51 0.48 23 57 1.81        |
| 15 04 54 0.43<br>FRI 10 56 1.67<br>17 55 0.07<br>23 36 1.12 23                                      | 15 0.16<br>17 1.64<br>48 0.16<br>28 1.45  | 15 05 19 0.11<br>SUN 11 13 1.38<br>17 21 0.33<br>23 03 1.52         | <b>30</b> 05 54 -0.18 MON 11 55 1.09 17 06 0.48 23 12 1.87          | <b>15</b> 06 27 -0.28 WED 12 33 0.84 16 54 0.55 23 22 1.94                | <b>30</b> 07 14 -0.31 THU 13 39 0.62 16 42 0.53 23 58 1.92                | <b>15</b> 07 12 -0.48 <b>FRI</b> 13 59 0.59 16 31 0.54 23 51 2.00          | <b>30</b> 07 45 -0.35 <b>SAT</b> 14 12 0.61 17 37 0.47            |
|   |   |   | 31 06 36 -0.22<br>TUE 12 37 0.91<br>17 15 0.52<br>23 41 1.93        |   |   |  | 31 00 33 1.72<br>SUN 08 15 -0.28<br>14 42 0.65<br>18 24 0.49      |
|   |   |   |   |   |   |  |   |

TIME MERIDIAN 120 DEG. EAST. 0000 IS MIDNIGHT, 1200 IS NOON

HEIGHTS ARE IN METERS AND RECKONED FROM THE DATUM OF SOUNDINGS ON CHARTS OF THE LOCALITY WHICH IS MEAN LOWER LOW WATER