## **CATBALOGAN, SAMAR**

LAT 11° 47'N LONG 124° 53'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Time	May		Ju	ne	July	August
1						
3	1 03 27 0 21 16	03 01 0.22 09 38 1.19 15 30 0.34	<b>1</b> 03 10 0.45 <b>THU</b> 09 33 1.35 16 01 0.16	<b>16</b> 03 18 0.54 FRI 09 48 1.63 16 48 -0.07	<b>1</b> 02 30 0 71 <b>16</b> 00 19 0 86	
4	2 03 57 0.19 TUE 10 36 1.15 16 07 0.41 22 15 1.27	03 39 0.24 10 06 1.39 16 18 0.09 22 40 1.26	<b>2</b> 03 41 0.48 <b>FRI</b> 10 01 1.54 16 39 -0.05 23 15 1.07	17 03 54 0.55 SAT 10 26 1.74 17 30 -0.15	<b>2</b> 03 20 0.73 MON 09 57 1.75 MON 04 16 0.67 10 54 1.76 18 12 -0.12	2 01 27 0.94 WED 04 56 0.67 ☐ THU 05 45 0.43 ☐ 13 8 2.03 ☐ 18 47 -0.29 ☐ 18 53 -0.06 ☐ THU 05 45 0.43 ☐ 18 53 -0.06 ☐ THU 05 45 0.43 ☐ 18 53 -0.06 ☐ THU 05 45 0.43 ☐ 18 53 -0.06 ☐ THU 05 45 0.43 ☐ THU 05 45 ☐ THU 05 ☐ THU
FRI   17   20   10   25   20   00   10   10   10   10   10   10	WED 10 45 1.28   THU	04 10 0.28 10 33 1.56 17 00 -0.10 23 27 1.20	3 04 09 0.50 SAT 10 32 1.71 17 18 -0.21	18 00 24 0.89 SUN 04 27 0.55 11 00 1.83 18 09 -0.18	3 00 47 0.88 MON 04 05 0.71 TUE 05 00 0.60 11 35 1.80 18 02 -0.29 18 45 -0.12	THU 05 45 0.53   18 01 24 1.12   19 12 27 2.09   19 21 -0.24   19 13 -0.02
First   12   21   158	4 04 41 0.22 THU 11 00 1.42 17 05 0.00 23 30 1.32	04 38	4 00 03 1.01 SUN 04 39 0.52 11 06 1.86 18 00 -0.30	<b>19</b> 01 06 0.85 <b>MON</b> 05 00 0.54 11 36 1.88 18 46 -0.17	TUE 04 48 0.67 11 33 2.01 18 51 -0.31 18 51 -0.31 19 01 40 0.91 12 13 1.87 19 15 -0.10	4     02 03     1.03       FRI 06 31     0.39       13 11     2.06       19 52     -0.16       19 01     39     1.19       SAT 06     46     0.28       13 13     1.81       19 30     0.03
1	5 05 01 0.25 FRI 11 20 1.58 17 36 -0.16	00 10 1.10 05 03 0.36 11 29 1.82 18 15 -0.25	<b>5</b> 00 51 0.94 <b>MON</b> 05 08 0.54 11 42 1.97 18 45 -0.33	<b>20</b> 01 40 0.82 TUE 05 33 0.52 12 10 1.90 19 21 -0.14		SAT 07 17 0 28   SUN 07 15 0 23
8 01 19 1 0.04	6 00 06 1.26 SAT 05 23 0.29 11 43 1.73 SUN	00 48 0.98 05 27 0.38 11 56 1.89 18 51 -0.25	6 01 42 0.86 TUE 05 39 0.55 12 19 2.02 19 31 -0.31	<b>21</b> 02 11 0.82 WED 06 09 0.50 12 45 1.88 19 54 -0.10	13 06 2.05 20 16 -0.22	6 02 42 1.26 21 02 09 1.37 25 20 42 0.07 26 20 03 0.14
9 01 58 0.90 1 58 0.90 1 58 0.90 1 58 0.90 1 58 0.90 1 58 0.90 1 58 0.90 1 58 0.90 1 58 0.90 1 59 0.40 1 50 0.64 6 0.45 1 60 1 50 0.20 1 1 0.27 1 0.	7 00 42 1.16 sun 05 45 0.34 12 09 1.85 18 48 -0.32	01 22 0.88 05 51 0.40 12 24 1.92 19 26 -0.21	7 02 31 0.79 WED 06 12 0.55 12 58 2.01 20 18 -0.25	<b>22</b> 02 39 0.85 THU 06 47 0.50 13 20 1.82 20 25 -0.04	7 03 05 0.90 FRI 07 09 0.49 13 52 1.97 20 51 -0.11 22 02 37 1.07 SAT 07 27 0.42 13 53 1.75 20 26 0.05	7     03 06     1.38       MON     08 49     0.21       15 09     1.50       21 05     0.19         22     02 25     1.44       TUE     08 17     0.20       14 33     1.43       20 19     0.22
10	8 01 19 1.04 MON 06 08 0.38 12 37 1.92 19 28 -0.32	12 53 1 90	THU 06 51 0.55	<b>23</b> 03 09 0.89 FRI 07 26 0.52 13 54 1.73 20 56 0.03	8 03 30 0.98 SAT 08 00 0.44 14 38 1.82 21 24 0.01 23 02 56 1.13 SUN 08 01 0.42 14 23 1.63 20 46 0.12	8 03 32 1.47 TUE 09 40 0.26
11 03 33 0.67 THU 07 13 0.51 14 13 1.80 215 6 -0.04 0.65 22 01 0.13 0.59 14 30 0.50 22 38 0.24 0.24 23 8 0.24 0.25 15 54 0.28 0.25 15 10 0.13 0.51 14 30 0.65 22 01 0.13 0.50 12 0.15 0.04 0.65 14 0.76 0.09 12 0.05 0.04 0.65 0.00 12 0.05 0.04 0.65 0.00 12 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.0	9 01 58 0.90 TUE 06 30 0.42 13 06 1.94 20 11 -0.27	02 28 0.78 06 46 0.45 13 24 1.83 20 36 -0.08	9 04 03 0.77 FRI 07 36 0.56 14 26 1.81 21 51 -0.03	<b>24</b> 03 39 0.93 <b>SAT</b> 08 05 0.56 14 30 1.60 21 27 0.12	9 03 57 1.08 24 03 16 1.20 8 15 24 1.61 121 57 0.15 21 06 0.21	9 04 02 1.51 24 03 06 1.53 16 27 0.94 21 38 0.45 21 38 0.45 22 41 0.43
14 13 1.80	10 02 40 0.78 WED 06 52 0.46 13 38 1.90 20 59 -0.17	03 08 0.76 07 16 0.51 13 56 1.72 21 15 0.02	10 04 48 0.81 SAT 08 33 0.59 15 20 1.62 22 42 0.11	25 04 12 0.97 SUN 08 47 0.61 15 08 1.45 21 58 0.23	<b>10</b> 04 30 1.18 MON 09 57 0.44	THU 12 21 0.39 FRI 10 51 0.33 17 30 0.68 16 26 0.75 20 32 0.53
13 16 08 1.40	11 03 33 0.67 THU 07 13 0.51 14 13 1.80 21 56 -0.04	04 00 0.75 07 47 0.59 14 30 1.56 22 01 0.13	11 05 39 0.90 SUN 09 51 0.63	<b>26</b> 04 48 1.01 MON 09 40 0.65 15 54 1.28 22 33 0.35	<b>11</b> 05 09 1.27 TUE 11 18 0.46	<b>11</b> 05 30 1.43 <b>26</b> 04 12 1.49 <b>SAT</b> 13 12 0.34
14 00 47 0.18 SUN 08 56 0.83 MON 08 18 0.92 WED 08 23 1.33 15 05 0.27 21 22 1.00 PT 15 56 0.13 15 56 0.13 23 31 0.81 PT 16 05 0.27 21 22 1.00 PT 16 05 0.27 21 22 1.00 PT 17 1.26 PT 18 07 17 1.26 PT 18 08 11 1.47 SAT 09 15 1.57 SUN 16 25 -0.03 PT 18 07 17 18 07	<b>12</b> 05 04 0.62 FRI 07 30 0.58	05 14 0.76 08 19 0.69 15 10 1.39 22 58 0.25	<b>12</b> 06 33 1.02 <b>MON</b> 11 42 0.63 18 00 1.19	<b>27</b> 05 30 1.06 TUE 11 00 0.66 16 57 1.10 23 15 0.48	12     05     58     1.34       WED     13     05     0.42       18     48     0.85       23     48     0.59         27     04     42     1.34       THU     11     38     0.45       17     16     0.87       21     54     0.58	12 07 06 1.38   27 05 34 1.43   SUN 15 31 0.16
15 02 09 0.21 MON 09 12 1.00 THU 08 46 1.04 THU 09 08 1.48 16 01 0.07 17 51 -0.23 1.00 20 30 1.22 20 36 1.02 20 36 1.02 20 36 1.02 20 36 1.02 22 35 0.97 22 24 0.86 20 30 1.22 20 36 1.02 2	13 16 08 1.40 28 SUN	07 01 0.82 09 20 0.80 16 12 1.20	13 00 42 0.36 TUE 07 30 1.16 13 45 0.49 19 48 1.06	<b>28</b> 06 21 1.14 WED 12 54 0.58 18 27 0.94	<b>13</b> 07 00 1.40	<b>13</b> 09 06 1.44 sun 17 00 0.05 Mon 16 34 -0.04
15 02 09 0.21 MON 09 12 1.00 TUE 08 46 1.04 TUE 08 46 1.04 16 01 0.07 FRI 08 14 1.41 22 0.62 20 30 1.22 35 0.97 FRI 08 14 1.41 22 24 0.86 31 02 34 0.43	14 00 47 0.18 sun 08 56 0.83 11 14 0.81 18 27 1.23	00 18 0.35 08 18 0.92 12 22 0.82 18 01 1.06	<b>14</b> 01 45 0.45 <b>WED</b> 08 23 1.33 15 05 0.27 21 22 1.00	<b>29</b> 00 13 0.59 <b>THU</b> 07 17 1.26 14 28 0.39 20 29 0.86	14 00 58 0.69 FRI 08 11 1.47 15 56 0.13 23 31 0.81 29 06 53 1.43 SAT 15 17 0.17	14 00 30 0.93
31 02 34 0.43   31 01 10 0.90   31 00 42 1.06	15 02 09 0.21 MON 09 12 1.00 TUE 20 30 1.22	01 42 0.41 08 46 1.04 14 30 0.64 20 06 1.02	15 02 36 0.50 THU 09 08 1.48 16 01 0.07 22 35 0.97	<b>30</b> 01 27 0.67 FRI 08 14 1.41 15 30 0.16 22 24 0.86	15 02 24 0.74 SAT 09 15 1.57 16 51 0.00 80 26 1.55 SUN 16 25 -0.03	15 00 39 0.98   30 00 36 1.01   TUE 04 32 0.67     WED 04 18 0.72   11 00 1.71   10 51 1.88   17 51 -0.23
31 02 34 0.43 WED 09 09 1.19 15 21 0.40 21 28 1.06  31 01 10 0.90 MON 02 47 0.88 09 43 1.72 17 19 -0.18  31 00 42 1.06 THU 05 05 0.49 11 39 2.00 18 21 -0.22	31 WED	02 34 0.43 09 09 1.19 15 21 0.40 21 28 1.06			<b>31</b> 01 10 0.90 MON 02 47 0.88 09 43 1.72 17 19 -0.18	31 00 42 1.06 THU 05 05 0.49 11 39 2.00 18 21 -0.22

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