

CATBALOGAN, SAMAR

LAT 11° 47'N LONG 124° 53'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| May | | | | June | | | | July | | | | August | | | |
|------------------|---------|-------|--|------------------|-------|-------|--|------------------|-------|-------|--|------------------|-------|-------|------------------|
| | Time | Ht. | | Time | Ht. | | | Time | Ht. | | | Time | Ht. | | |
| | h. min. | m. | | h. min. | m. | | | h. min. | m. | | | h. min. | m. | | |
| 1 MON | 03 27 | 0.21 | | 16 TUE | 03 01 | 0.22 | | 1 SAT | 02 30 | 0.71 | | 1 TUE | 01 12 | 0.92 | |
| | 10 33 | 1.04 | | | 09 38 | 1.19 | | | 09 06 | 1.58 | | | 04 02 | 0.80 | 16 WED |
| | 15 36 | 0.64 | | | 15 30 | 0.34 | | | 16 22 | -0.05 | | | 10 45 | 1.90 | |
| | 21 26 | 1.16 | | | 21 45 | 1.26 | | | 23 48 | 0.88 | | | 18 06 | -0.27 | |
| 2 TUE | 03 57 | 0.19 | | 17 WED | 03 39 | 0.24 | | 2 SUN | 03 20 | 0.73 | | 2 WED | 01 27 | 0.94 | 17 THU |
| | 10 36 | 1.15 | | | 10 06 | 1.39 | | | 09 57 | 1.75 | | | 04 56 | 0.67 | |
| | 16 07 | 0.41 | | | 16 18 | 0.09 | | | 17 12 | -0.20 | | | 11 38 | 2.03 | |
| | 22 15 | 1.27 | | | 22 40 | 1.26 | | | | | | | 18 47 | -0.29 | |
| 3 WED | 04 20 | 0.19 | | 18 THU | 04 10 | 0.28 | | 3 MON | 00 47 | 0.88 | | 3 THU | 01 45 | 0.97 | 18 FRI |
| | 10 45 | 1.28 | | | 10 33 | 1.56 | | | 04 05 | 0.71 | | | 05 45 | 0.53 | |
| | 16 36 | 0.19 | | | 17 00 | -0.10 | | | 10 45 | 1.90 | | | 12 27 | 2.09 | |
| | 22 54 | 1.32 | | | 23 27 | 1.20 | | | 18 02 | -0.29 | | | 19 21 | -0.24 | |
| 4 THU | 04 41 | 0.22 | | 19 FRI | 04 38 | 0.33 | | 4 TUE | 01 33 | 0.87 | | 4 FRI | 02 03 | 1.03 | 19 SAT |
| | 11 00 | 1.42 | | | 11 01 | 1.71 | | | 04 48 | 0.67 | | | 06 31 | 0.39 | |
| | 17 05 | 0.00 | | | 17 38 | -0.21 | | | 11 33 | 2.01 | | | 13 11 | 2.06 | |
| | 23 30 | 1.32 | | | | | | | 18 51 | -0.31 | | | 19 52 | -0.16 | |
| 5 FRI | 05 01 | 0.25 | | 20 SAT | 00 10 | 1.10 | | 5 WED | 02 10 | 0.85 | | 5 SAT | 02 21 | 1.13 | 20 SUN |
| | 11 20 | 1.58 | | | 05 03 | 0.36 | | | 05 33 | 0.62 | | | 07 17 | 0.28 | |
| | 17 36 | -0.16 | | | 11 29 | 1.82 | | | 12 20 | 2.06 | | | 13 52 | 1.94 | |
| | | | | | 18 15 | -0.25 | | | 19 36 | -0.29 | | | 20 18 | -0.05 | |
| 6 SAT | 00 06 | 1.26 | | 21 SUN | 00 48 | 0.98 | | 6 THU | 02 39 | 0.86 | | 6 SUN | 02 42 | 1.26 | 21 MON |
| | 05 23 | 0.29 | | | 05 27 | 0.38 | | | 06 21 | 0.55 | | | 08 02 | 0.22 | |
| | 11 43 | 1.73 | | | 11 56 | 1.89 | | | 13 06 | 2.05 | | | 14 31 | 1.75 | |
| | 18 12 | -0.27 | | | 18 51 | -0.25 | | | 20 16 | -0.22 | | | 20 42 | 0.07 | |
| 7 SUN | 00 42 | 1.16 | | 22 MON | 01 22 | 0.88 | | 7 FRI | 03 05 | 0.90 | | 7 MON | 03 06 | 1.38 | 22 TUE |
| | 05 45 | 0.34 | | | 05 51 | 0.40 | | | 07 09 | 0.49 | | | 08 49 | 0.21 | |
| | 12 09 | 1.85 | | | 12 24 | 1.92 | | | 13 52 | 1.97 | | | 15 09 | 1.50 | |
| | 18 48 | -0.32 | | | 19 26 | -0.21 | | | 20 51 | -0.11 | | | 21 05 | 0.19 | |
| 8 MON | 01 19 | 1.04 | | 23 TUE | 01 54 | 0.81 | | 8 SAT | 03 30 | 0.98 | | 8 TUE | 03 32 | 1.47 | 23 WED |
| | 06 08 | 0.38 | | | 06 18 | 0.41 | | | 08 00 | 0.44 | | | 09 40 | 0.26 | |
| | 12 37 | 1.92 | | | 12 53 | 1.90 | | | 14 38 | 1.82 | | | 15 46 | 1.22 | |
| | 19 28 | -0.32 | | | 20 00 | -0.15 | | | 21 24 | 0.01 | | | 21 24 | 0.32 | |
| 9 TUE | 01 58 | 0.90 | | 24 WED | 02 28 | 0.78 | | 9 SUN | 03 57 | 1.08 | | 9 WED | 04 02 | 1.51 | 24 THU |
| | 06 30 | 0.42 | | | 06 46 | 0.45 | | | 08 55 | 0.43 | | | 10 43 | 0.33 | |
| | 13 06 | 1.94 | | | 13 24 | 1.83 | | | 15 24 | 1.61 | | | 16 27 | 0.94 | |
| | 20 11 | -0.27 | | | 20 36 | -0.08 | | | 21 57 | 0.15 | | | 21 38 | 0.45 | |
| 10 WED | 02 40 | 0.78 | | 25 THU | 03 08 | 0.76 | | 10 MON | 04 30 | 1.18 | | 10 THU | 04 39 | 1.48 | 25 FRI |
| | 06 52 | 0.46 | | | 07 16 | 0.51 | | | 09 57 | 0.44 | | | 12 21 | 0.39 | |
| | 13 38 | 1.90 | | | 13 56 | 1.72 | | | 16 15 | 1.35 | | | 17 30 | 0.68 | |
| | 20 59 | -0.17 | | | 21 15 | 0.02 | | | 22 30 | 0.30 | | | 21 22 | 0.57 | |
| 11 THU | 03 33 | 0.67 | | 26 FRI | 04 00 | 0.75 | | 11 TUE | 05 09 | 1.27 | | 11 FRI | 05 30 | 1.43 | 26 SAT |
| | 07 13 | 0.51 | | | 07 47 | 0.59 | | | 11 18 | 0.46 | | | 14 39 | 0.33 | |
| | 14 13 | 1.80 | | | 14 30 | 1.56 | | | 17 16 | 1.09 | | | | | |
| | 21 56 | -0.04 | | | 22 01 | 0.13 | | | 23 05 | 0.45 | | | | | |
| 12 FRI | 05 04 | 0.62 | | 27 SAT | 05 14 | 0.76 | | 12 WED | 05 58 | 1.34 | | 12 SAT | 07 06 | 1.38 | 27 SUN |
| | 07 30 | 0.58 | | | 08 19 | 0.69 | | | 13 05 | 0.42 | | | 16 09 | 0.18 | |
| | 14 57 | 1.62 | | | 15 10 | 1.39 | | | 18 48 | 0.85 | | | | | |
| | 23 10 | 0.09 | | | 22 58 | 0.25 | | | 23 48 | 0.59 | | | | | |
| 13 SAT | 16 08 | 1.40 | | 28 SUN | 07 01 | 0.82 | | 13 THU | 07 00 | 1.40 | | 13 SUN | 09 06 | 1.44 | 28 MON |
| | | | | | 09 20 | 0.80 | | | 14 45 | 0.29 | | | 17 00 | 0.05 | |
| | | | | | 16 12 | 1.20 | | | 21 32 | 0.76 | | | | | |
| 14 SUN | 00 47 | 0.18 | | 29 MON | 00 18 | 0.35 | | 14 FRI | 00 58 | 0.69 | | 14 MON | 00 30 | 0.93 | 29 TUE |
| | 08 56 | 0.83 | | | 08 18 | 0.92 | | | 08 11 | 1.47 | | | 03 39 | 0.80 | |
| | 11 14 | 0.81 | | | 12 22 | 0.82 | | | 15 56 | 0.13 | | | 10 13 | 1.58 | |
| | 18 27 | 1.23 | | | 18 01 | 1.06 | | | 23 31 | 0.81 | | | 17 35 | -0.05 | |
| 15 MON | 02 09 | 0.21 | | 30 TUE | 01 42 | 0.41 | | 15 SAT | 02 24 | 0.74 | | 15 TUE | 00 39 | 0.98 | 30 WED |
| | 09 12 | 1.00 | | | 08 46 | 1.04 | | | 09 15 | 1.57 | | | 04 32 | 0.67 | |
| | 14 22 | 0.62 | | | 14 30 | 0.64 | | | 16 51 | 0.00 | | | 11 00 | 1.71 | |
| | 20 30 | 1.22 | | | 20 06 | 1.02 | | | | | | | 18 05 | -0.09 | |
| | | | | 31 WED | 02 34 | 0.43 | | 31 MON | 01 10 | 0.90 | | | | | |
| | | | | | 09 09 | 1.19 | | | 02 47 | 0.88 | | | | | |
| | | | | | 15 21 | 0.40 | | | 09 43 | 1.72 | | | | | |
| | | | | | 21 28 | 1.06 | | | 17 19 | -0.18 | | | | | |

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