CATBALOGAN, SAMAR

LAT 11° 47'N LONG 124° 53'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

September		Octo	ber	November	December
Time Ht. h. min. m.	Time Ht. h. min. m.	Time Ht. h. min. m.	Time Ht. h. min. m.	Time Ht. Time Ht. h. min. m. h. min. m.	Time Ht. Time Ht. h. min. m. h. min. m.
	6 00 37 1.31 AT 06 03 0.15 12 29 1.76 18 33 0.06	1 00 24 1.56 SUN 06 19 -0.13 12 48 1.65 18 28 0.10	16 00 04 1.61 MON 06 11 -0.14 12 38 1.42 18 05 0.23	1 00 32 1.95 WED 07 21 -0.28 13 42 0.92 18 24 0.33 13 60 0.44 15 1.92 18 0.92 13 41 0.87 18 0.80 0.44	1 00 38 1.91 16 00 42 1.96 FRI 07 51 -0.23 14 28 0.70 18 30 0.42 18 35 0.48
2 01 12 1.28 1 SAT 06 29 0.13 13 03 1.94 19 13 -0.05	7 00 51 1.41 JN 06 30 0.07 12 56 1.68 18 49 0.11	2 00 46 1.71 MON 06 57 -0.19 13 23 1.45 18 48 0.18	17 00 23 1.72 TUE 06 41 -0.19 13 06 1.29 18 23 0.27	2 THU 00 57 1.95 H4 12 0.80 18 45 0.37 17 00 45 1.94 FRI 07 48 -0.29 14 21 0.77 18 30 0.47	2 01 10 1.84 17 01 22 1.92 SAT 08 26 -0.15 15 06 0.70 15 34 0.73 19 05 0.46 19 20 0.47
3 01 33 1.43 SUN 07 10 0.03 13 39 1.77 19 35 0.05	8 01 06 1.51 ON 06 58 0.01 13 22 1.56 19 05 0.16	3 01 09 1.82 TUE 07 35 -0.18 13 54 1.23 19 07 0.24	18 00 45 1.81 WED 07 13 -0.21 13 35 1.15 18 40 0.32	3 01 24 1.89 FRI 08 34 -0.09 14 44 0.71 15 12 0.68 18 54 0.51	3 01 44 1.72 18 02 05 1.81 19 42 0.53 19 42 0.53 18 19 42 0.53 18 19 42 0.53 18 19 42 0.53 18 19 42 0.53 18 19 42 0.53 18 18 18 18 18 18 18 18 18 18 18 18 18
MON 07 51 -0.01 TU 14 13 1.54 19 55 0.15	9 01 24 1.61 JE 07 27 -0.02 13 48 1.42 19 21 0.21	4 01 32 1.87 WED 08 12 -0.11 14 21 1.02 19 23 0.30	19 01 06 1.85 THU 07 48 -0.19 14 05 0.99 18 56 0.38	4 01 53 1.76 19 01 49 1.81 15 31 0.64 19 15 0.52 19 21 0.57	4 02 19 1.56 19 02 53 1.63 16 37 0.75 16 47 0.75 20 25 0.62 21 17 0.50
5 02 16 1.67 TUE 08 32 0.02 14 45 1.28 20 12 0.24	0 01 42 1.68 ED 07 59 -0.02 14 14 1.25 19 35 0.29	5 01 56 1.85 THU 08 51 0.00 14 48 0.83 19 35 0.37	20 01 30 1.85 FRI 08 27 -0.12 14 38 0.83 19 07 0.45	5 02 24 1.58 sun 10 12 0.17	5 02 59 1.37
15 14 1.03 20 25 0.34	1 02 01 1.71 HU 08 35 0.02 14 42 1.05 19 46 0.37	6 02 21 1.76 FRI 09 36 0.14	21 01 55 1.80 SAT 09 16 0.00 15 22 0.66 19 06 0.51	6 03 00 1.37 21 03 30 1.44 TUE 11 45 0.16 19 45 0.79 22 09 0.76	6 03 53 1.17 WED 11 30 0.30 19 15 0.88 23 44 0.75 21 05 02 1.16 THU 11 39 0.25 18 34 1.09
© 15 44 0.79 20 25 0.44	2 02 22 1.71 FRI 09 20 0.11 15 15 0.83 19 47 0.46	7 02 48 1.60 SAT 10 45 0.29 16 18 0.53 18 09 0.52	22 02 24 1.68 SUN 10 28 0.14	7 04 06 1.14 22 05 21 1.23 WED 13 15 0.22 20 08 0.95 WED 20 25 0.96	7 05 22 0.98 FRI 06 41 0.94 20 07 1.00 20 07 1.00 20 07 1.23
	3 02 47 1.65 AT 10 29 0.23 16 04 0.60 19 18 0.52	8 03 21 1.40 sun 13 56 0.34	23 03 06 1.50 MON 12 43 0.22	8 WED 02 20 07 27 1.03 15 02 0.27 22 01 1.07 23 01 33 0.65 THU 07 39 1.14 14 19 0.25 20 59 1.16	8 02 15 0.60 FRI 07 30 0.89 14 00 0.44 20 42 1.13 23 02 33 0.26 SAT 08 40 0.82 13 45 0.47 20 31 1.39
9 04 14 1.42 2 SAT 14 47 0.35 St	4 03 21 1.54 JN 13 09 0.29	9 04 36 1.18 MON 15 30 0.23 23 29 1.00	24 04 59 1.29 TUE 14 39 0.16 22 48 0.95	9 03 24 0.62 THU 09 12 1.12 15 36 0.25 22 10 1.19 24 03 00 0.36 FRI 09 10 1.15 15 04 0.28 21 32 1.36	9 03 14 0.36 SAT 09 16 0.89 14 45 0.48 21 11 1.29 21 21 21 1.54
10 05 46 1.26 SUN 16 11 0.20 MG	5 04 41 1.37 DN 15 30 0.13	10 03 07 0.90 TUE 08 51 1.18 16 06 0.14 23 06 1.09	25 02 04 0.87 WED 08 16 1.30 15 27 0.09 22 21 1.08	10 03 56 0.38 FRI 10 03 1.21 16 00 0.26 22 23 1.32 25 03 54 0.08 SAT 10 15 11 15 40 0.31 22 03 1.56	10 03 54 0.13 25 04 37 -0.13 MON 11 36 0.78 15 18 0.50 21 42 1.46 25 04 37 -0.13 20 0.78 15 26 0.78 15 26 0.53 22 06 1.66
	6 08 27 1.40 JE 16 15 -0.02 23 42 1.03	11 03 54 0.67 WED 09 54 1.35 16 33 0.08 23 11 1.18	26 03 24 0.56 THU 09 36 1.44 16 02 0.06 22 33 1.25	11 04 24 0.16 SAT 10 43 1.25 16 21 0.29 22 38 1.46 21 0.29 22 35 1.72	11 04 31 -0.08 26 05 24 -0.25 TUE 12 31 0.76 15 49 0.51 22 14 1.63 22 46 1.76
12 04 00 0.76 TUE 10 13 1.50 17 13 -0.01	7 03 34 0.78 ED 09 51 1.61 16 47 -0.10 23 36 1.12	12 04 24 0.45 THU 10 35 1.49 16 55 0.07 23 21 1.28	27 04 09 0.24 FRI 10 30 1.52 16 30 0.08 22 53 1.44	12 04 53 -0.03 SUN 11 18 1.25 HON 11 57 1.01 16 41 0.32 22 58 1.61 27 05 21 -0.28 23 06 1.84	TUE 12 05 09 -0.24 URD 13 12 0.73 WED 13 12 0.73 16 19 0.52 22 48 1.78 C 23 25 1.82
13 00 00 1.10 WED 04 37 0.57 10 55 1.65 17 37 -0.05	8 04 21 0.49 10 10 45 1.77 17 15 -0.11 23 46 1.25	13 04 51 0.26 FRI 11 09 1.56 17 14 0.09 23 33 1.38	28 04 50 -0.02 SAT 11 16 1.51 16 57 0.14 23 16 1.62	13 05 23 -0.18 MON 11 53 1.19 TUE 12 40 0.90 17 01 0.35 23 21 1.75 23 36 1.91	13 05 49 -0.34 28 06 45 -0.30 THU 13 45 0.72 16 49 0.51 17 21 0.45 17 21 0.45 18 18 18 18 18 18 18 1
14 00 12 1.17 THU 05 08 0.40 11 30 1.75 17 58 -0.03	9 05 01 0.22 RI 11 30 1.84 17 42 -0.07	14 05 16 0.09 SAT 11 39 1.57 17 31 0.14 23 47 1.49	29 05 29 -0.20 sun 11 58 1.41 0.20 23 41 1.77	14 05 56 -0.28 TUE 12 28 1.10	14 06 31 -0.39
	0 00 04 1.40 AT 05 40 0.01 12 11 1.79 18 06 0.01	15 05 43 -0.04 sun 12 09 1.51 17 48 0.18	30 06 07 -0.30 MON 12 36 1.26 17 44 0.26	15 06 30 -0.33 WED 13 03 0.99 17 45 0.40 THU 07 15 -0.29 13 54 0.73 17 59 0.40	15 00 03 1.95 FRI 07 15 -0.39 14 19 0.74 17 56 0.49 30 00 38 1.84 SAT 07 48 -0.24 14 39 0.39
			31 00 06 1.89 TUE 06 45 -0.32 13 11 1.08 18 05 0.30		31 01 13 1.79 SUN 08 17 -0.18 14 57 0.82 19 19 0.39
TIME MERIDIAN 120 DEG. EAST, 0000 IS MIDNIGHT, 1200 IS NOON					

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