SURIGAO CITY, SURIGAO DEL NORTE

LAT 09° 47'N LONG 125° 30'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

January		February		March		April	
Time Ht.	Time Ht.	Time Ht.	Time Ht.	Time Ht.	Time Ht. h. min. m.	Time Ht.	Time Ht.
1 00 37 0.38 SUN 05 37 0.46 11 12 0.35 18 39 0.78	16 03 44 0.50 MON 09 45 0.26 17 30 0.73	1 04 47 -0.05 WED 18 56 0.93	16 03 50 -0.09 THU 18 08 1.02	1 03 15 0.06 WED 16 02 0.93	16 00 51 -0.04 THU 15 39 1.04	1 04 20 -0.06 SAT 18 40 0.79	16 04 05 -0.15 SUN 19 38 0.89
2 03 23 0.20 MON 10 06 0.40 11 07 0.40 19 21 0.88	17 01 13 0.22 TUE 18 18 0.85	2 05 27 -0.17 THU 20 08 0.99	17 04 57 -0.26 FRI 19 41 1.12	2 04 27 -0.05 THU 17 10 0.89	17 03 43 -0.15 FRI 17 08 1.01	2 04 58 -0.08 SUN 12 36 0.58 13 05 0.58 20 39 0.83	17 04 46 -0.11 MON 11 18 0.52 13 48 0.48 21 17 0.91
3 04 32 0.01 TUE 20 03 0.98	18 03 37 0.01 WED 19 12 0.99	3 06 04 -0.25 FRI 21 05 1.07	18 05 45 -0.38 SAT 20 54 1.23	3 05 08 -0.14 FRI 19 34 0.89	18 04 42 -0.25 SAT 19 33 1.03	3 05 28 -0.07 MON 11 51 0.56 14 57 0.48 21 45 0.88	18 05 17 -0.02 TUE 10 57 0.57 16 35 0.28 22 27 0.91
4 05 20 -0.14 WED 20 44 1.07	19 04 45 -0.20 THU 20 08 1.15	4 06 39 -0.29 SAT 21 52 1.14	19 06 27 -0.42 SUN 21 54 1.32	4 05 42 -0.19 SAT 20 54 0.96	19 05 26 -0.29 SUN 21 00 1.10	4 05 51 -0.02 TUE 11 44 0.57 16 11 0.35 22 34 0.90	19 05 41 0.10 WED 10 57 0.68 17 31 0.08 23 23 0.85
5 06 02 -0.25 THU 21 23 1.15	20 05 40 -0.37 FRI 21 01 1.29	5 07 10 -0.28 SUN 14 15 0.42 14 41 0.42 22 33 1.19	20 07 04 -0.38 MON 14 03 0.36 14 14 0.36 22 48 1.34	5 06 13 -0.20 SUN 13 03 0.50 14 16 0.49 21 49 1.04	20 06 02 -0.26 MON 12 27 0.45 14 13 0.43 22 09 1.15	5 06 08 0.05 WED 11 40 0.62 17 13 0.22 23 18 0.87	20 05 56 0.23 THU 11 03 0.82 18 18 -0.08
6 06 42 -0.30 FRI 22 00 1.22	21 06 30 -0.47 SAT 21 51 1.41	6 07 37 -0.23 MON 14 01 0.40 15 51 0.37 23 11 1.20	21 07 36 -0.27 TUE 13 27 0.37 15 58 0.28 23 39 1.28	6 06 39 -0.17 MON 12 51 0.48 15 24 0.41 22 33 1.08	21 06 31 -0.16 TUE 12 11 0.48 15 43 0.29 23 06 1.12	6 06 19 0.13 THU 11 41 0.70 18 02 0.09 23 59 0.81	21 00 12 0.74 FRI 05 47 0.33 11 17 0.97 19 02 -0.19
7 07 19 -0.31 SAT 22 36 1.26	22 07 16 -0.49 SUN 22 39 1.46	7 07 59 -0.16 TUE 14 03 0.41 16 42 0.34 23 46 1.17	22 08 00 -0.12 WED 13 26 0.45 17 11 0.21	7 07 01 -0.11 TUE 12 50 0.49 16 16 0.33 23 12 1.07	22 06 55 -0.03 WED 12 09 0.57 17 36 0.15 23 58 1.03	7 06 24 0.20 FRI 11 48 0.81 18 45 -0.02	22 00 59 0.61 SAT 04 51 0.36 11 36 1.09 19 43 -0.24
8 07 53 -0.27 SUN 23 12 1.27	23 07 58 -0.43 MON 23 27 1.44	8 08 14 -0.08 WED 14 05 0.45 17 28 0.31	23 00 28 1.15 THU 08 17 0.03 13 30 0.58 18 33 0.15	8 07 17 -0.03 WED 12 50 0.53 17 09 0.26 23 49 1.02	23 07 11 0.12 THU 12 14 0.71 18 46 0.03	8 00 41 0.71 SAT 06 15 0.27 12 02 0.93 19 25 -0.11	23 01 46 0.47 SUN 04 50 0.35 12 00 1.16 20 21 -0.24
9 08 23 -0.21 MON 23 46 1.24	24 08 35 -0.31 TUE 15 06 0.30 16 08 0.29	9 00 20 1.10 THU 08 21 -0.01 14 11 0.51 18 15 0.29	24 01 14 0.97 FRI 08 18 0.16 13 42 0.73 19 59 0.11	9 07 26 0.04 THU 12 52 0.61 18 03 0.19	24 00 45 0.89 FRI 07 11 0.24 12 25 0.86 19 36 -0.06	9 01 25 0.60 SUN 05 47 0.31 12 21 1.03 20 05 -0.17	24 02 39 0.37 MON 04 51 0.33 12 27 1.19 21 00 -0.20
10 08 45 -0.13 TUE 15 46 0.39 16 53 0.39	25 00 14 1.34 WED 09 04 -0.16 14 56 0.36 17 33 0.28	10 00 53 1.01 FRI 08 22 0.05 14 21 0.59 19 07 0.26	25 01 58 0.77 SAT 07 48 0.23 14 01 0.85 21 03 0.08	10 00 25 0.94 FRI 07 30 0.11 13 00 0.70 18 57 0.12	25 01 30 0.72 SAT 06 30 0.30 12 44 0.99 20 21 -0.10	10 02 15 0.47 MON 05 37 0.32 12 44 1.11 20 46 -0.19	25 12 54 1.17 TUE 21 41 -0.14
11 00 20 1.19 WED 09 00 -0.06 15 47 0.42 17 47 0.40	26 01 00 1.18 THU 09 24 0.00 15 01 0.48 18 50 0.28	11 01 28 0.88 SAT 08 20 0.10 14 36 0.66 20 06 0.23	26 02 40 0.56 sun 07 30 0.25 14 25 0.93 22 02 0.08	11 01 03 0.83 SAT 07 24 0.17 13 14 0.79 19 47 0.06	26 02 14 0.54 sun 06 15 0.30 13 07 1.06 21 03 -0.09	11 03 17 0.35 TUE 05 24 0.32 13 11 1.15 21 34 -0.18	26 13 23 1.12 WED 22 43 -0.07
12 00 53 1.11 THU 09 09 0.00 15 54 0.46 18 37 0.41	27 01 47 0.97 FRI 09 27 0.13 15 15 0.61 20 22 0.28	12 02 07 0.73 sun 08 19 0.16 14 57 0.74 21 14 0.19	27 03 25 0.37 MON 07 18 0.25 14 53 0.96 23 18 0.10	12 01 43 0.69 sun 07 11 0.22 13 33 0.88 20 34 0.01	27 03 01 0.39 MON 06 12 0.29 13 33 1.09 21 48 -0.06	12 13 41 1.16 WED 22 47 -0.13	27 13 52 1.04 THU
13 01 27 1.00 FRI 09 16 0.05 16 06 0.51 19 34 0.41	28 02 32 0.75 SAT 09 04 0.22 15 38 0.72 22 10 0.26	13 02 52 0.56 MON 08 16 0.22 15 24 0.81 22 34 0.14	28 05 13 0.22 TUE 05 34 0.22 15 24 0.96	13 02 29 0.54 MON 07 03 0.26 13 55 0.95 21 25 -0.02	28 04 12 0.28 TUE 05 39 0.27 14 00 1.07 22 51 0.00	13 14 16 1.13 THU	28 00 37 -0.02 FRI 14 23 0.95
14 02 03 0.87 SAT 09 27 0.11 16 26 0.57 20 52 0.40	29 03 18 0.52 sun 08 44 0.26 16 09 0.81 23 56 0.22	14 03 54 0.36 TUE 07 51 0.26		14 03 27 0.38 TUE 06 48 0.28 14 22 1.01 22 30 -0.03	29 14 27 1.02 D	14 01 29 -0.12 FRI 15 02 1.05	29 02 01 0.00 SAT 14 59 0.84
15 02 45 0.70 SUN 09 40 0.19 16 54 0.64 22 50 0.35	30 04 26 0.31 MON 08 00 0.27 16 48 0.86	15 00 35 0.07 WED 16 49 0.95		15 14 54 1.04 WED	30 01 39 0.02 THU 14 58 0.95	15 03 09 -0.14 SAT 16 41 0.93	30 03 03 0.02 SUN 16 04 0.71
	31 03 45 0.11 TUE 17 42 0.89				31 03 27 -0.02 FRI 15 39 0.86		

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