SURIGAO CITY, SURIGAO DEL NORTE

LAT 09° 47'N LONG 125° 30'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

September		October		November	December	December	
Time Ht.	Time Ht. h. min. m.	Time Ht. h. min. m.	Time Ht.	Time Ht. Time Ht. h. min. m. h. min. m.	Time Ht. Time h. min. m. h. min.		
1 00 55 0.54 FRI 03 45 0.42 11 21 1.41 19 33 0.05	00 17 0.75 05 05 0.39 11 39 1.13 18 56 0.28	1 06 23 0.14 SUN 12 26 1.04 18 24 0.46 23 48 1.10	16 06 26 0.11 MON 12 25 0.82 17 12 0.46 23 31 1.16	1 08 03 -0.15 WED 14 29 0.48 16 05 0.46 23 59 1.42			
2 00 51 0.62 SAT 04 54 0.33 12 11 1.29 19 50 0.22	00 18 0.83 05 57 0.32 12 13 1.04 18 50 0.34	2 07 15 0.05 MON 13 12 0.85 17 31 0.50	17 07 04 0.03 TUE 13 07 0.71 17 00 0.47 23 51 1.25	2 THU 08 45 -0.09 17 08 30 -0.19	2 00 12 1.33 17 00 16 sun 09 42 -	1.42 -0.20	
3 00 52 0.77 sun 06 18 0.26 12 58 1.10 19 47 0.36	00 26 0.93 06 46 0.26 12 48 0.92 18 33 0.38	3 00 09 1.24 TUE 08 03 0.01 14 00 0.67 17 27 0.48	18 07 42 -0.01 WED 13 54 0.59 16 57 0.48	3 00 28 1.39 18 00 18 1.42 SAT 09 26 -0.13	3 00 45 1.23 18 00 59 MON 10 33 -	1.31 -0.08	
4 01 03 0.93 TUE 13 45 0.89 19 01 0.43	00 40 1.02 07 32 0.21 13 26 0.80 18 23 0.41	4 00 34 1.32 WED 08 48 0.03 14 54 0.51 17 22 0.46	19 00 14 1.31 THU 08 21 -0.02 14 59 0.49 16 43 0.47	4 00 58 1.31 19 00 54 1.36 sun 10 51 -0.08	4 01 18 1.12 19 01 46 TUE 11 17	1.15 0.04	
5 01 24 1.07 TUE 08 49 0.17 14 32 0.68 18 47 0.43	01 00 1.10 0 08 16 0.17 14 11 0.66 18 19 0.44	5 01 02 1.34 THU 09 39 0.08	20 00 40 1.34 FRI 09 08 0.00	5 01 27 1.20 20 01 34 1.26 MON 12 27 0.02	○ 18 30 21 21	0.94 0.17 0.53 0.50	
6 01 51 1.16 WED 09 49 0.17 THU 15 27 0.49 18 33 0.41	01 23 1.16 09 04 0.14 15 11 0.52 18 05 0.45	6 01 30 1.31 FRI 10 59 0.14 ℂ	21 01 09 1.34 SAT 10 18 0.04	6 01 57 1.08 21 02 24 1.10 TUE 13 34 0.08	18 42	0.29	
7 02 21 1.19 22 THU 11 06 0.20 FR	01 48 1.20 1 10 06 0.14	7 02 00 1.23 SAT 13 39 0.16	22 01 41 1.29 SUN 13 06 0.06	7 02 24 0.94 TUE 14 40 0.18 WED 14 24 0.16 21 42 0.68	7 02 55 0.69 THU 13 17 0.29 20 30 0.68	0.38 0.51 0.38 0.79	
8 02 54 1.18 FRI 14 25 0.17 SAT	02 19 1.22 12 30 0.14	8 02 31 1.13 SUN 15 00 0.13	23 02 22 1.21 MON 14 36 0.03	8 02 37 0.79 23 00 58 0.62 THU 07 12 0.78 15 00 0.22 21 70 0.76 15 00 0.24 21 00 0.72	8 03 09 0.50 FRI 06 40 0.52 13 37 0.35 20 24 0.75 23 03 29 SAT 09 53 12 13 19 45	0.15 0.47 0.44 0.94	
9 03 33 1.12 24 SAT 15 53 0.09 SUN	03 00 1.21 15 08 0.04	9 03 09 1.01 MON 15 51 0.11	24 03 39 1.08 TUE 15 30 0.02	9 03 34 0.63 THU 08 28 0.76 15 48 0.27 22 02 0.79 21 02 0.86	13 47 0.41 12 13	-0.06 0.46 0.46 1.08	
	04 15 1.16 16 09 -0.06	10 06 55 0.92 TUE 16 29 0.11 23 27 0.78	25 07 09 1.01 WED 16 11 0.07 22 48 0.71	10 04 04 0.46			
11 07 23 1.04 MON 17 15 -0.02 TUE	07 02 1.16 16 53 -0.10	11 02 17 0.74 WED 08 46 0.97 17 00 0.14 23 13 0.78	26 02 21 0.64 THU 08 54 1.04 16 42 0.16 22 25 0.76	11 04 37 0.28 SAT 10 33 0.77 16 09 0.40 21 59 0.95 26 05 13 -0.07 SUN 11 21 0.66 14 39 0.57 21 39 1.17	11 05 08 -0.08 MON 11 45 0.49 TUE 21 41 -1 13 45 0.46 21 20 1.16	-0.32 1.28	
12 08 48 1.11 27 TUE 17 48 -0.01 WED	08 38 1.24 17 30 -0.07 23 54 0.66	12 03 35 0.61 THU 09 46 1.02 17 23 0.19 23 10 0.80	27 04 08 0.41 FRI 10 06 1.04 17 06 0.29 22 22 0.87	12 05 13 0.12 27 05 59 -0.2: 80N 11 17 0.73 60N 12 14 0.57 15 58 0.45 16 22 09 1.08 27 05 59 -0.2: 16 0.50 17 0.50 18 0.50 18 0.50 18 0.50 19	12 05 48 -0.23 TUE 12 55 0.46 13 27 0.46 21 50 1.29	-0.36 1.33	
13 00 18 0.70 VED 02 31 0.65 09 44 1.17 18 15 0.03	02 12 0.62 09 47 1.30 18 00 0.03 23 38 0.69	13 04 23 0.47 FRI 10 31 1.03 17 37 0.27 23 08 0.85	28 05 03 0.19 SAT 11 03 0.99 17 15 0.42 22 28 1.03	13 05 50 -0.03 MON 12 00 0.66 15 39 0.48 22 27 1.21 28 06 43 -0.22 TUE 13 11 0.46 14 44 0.47 22 35 1.38	13 06 30 -0.33 WED 22 23 1.40 THU 22 57	-0.34 1.34	
14 00 16 0.69 THU 03 28 0.56 10 27 1.21 18 37 0.10	03 35 0.45 10 45 1.28 18 23 0.18 23 34 0.78	14 05 06 0.33 SAT 11 10 0.99 17 42 0.35 23 09 0.94	29 05 51 0.01 sun 11 52 0.88	TUE 12 46 0.58 15 32 0.48 22 50 1.32 29 07 27 -0.29 WED 23 06 1.4	14 07 14 -0.37 THU 22 59 1.46 29 08 18 FRI 23 33	-0.28 1.31	
15 00 18 0.70 FRI 04 16 0.47 11 05 1.19 18 51 0.19	05 12 0.29 11 37 1.19 18 37 0.33 23 36 0.94	15 05 47 0.21 SUN 11 47 0.92 17 36 0.42 23 16 1.05	30 06 37 -0.11 MON 12 40 0.73 16 07 0.52 23 05 1.32	15 07 06 -0.20 WED 13 41 0.49 15 26 0.47 23 17 1.40 30 08 09 -0.24 THU 23 39 1.38	15 08 01 -0.36	-0.19	
			31 07 21 -0.16 TUE 13 30 0.59 16 09 0.50 23 30 1.40		31 00 09 SUN 09 21 - 16 42 - 17 06	1.24 -0.10 0.42 0.42	
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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