BULAN, SORSOGON

LAT 12° 40'N LONG 123° 52'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

May	June	July	August
Time Ht. Time Ht.	Time Ht. Time Ht.	Time Ht. Time Ht.	Time Ht. Time Ht.
h. min. m. 1 02 54 0.27 MON 10 45 0.85 14 50 0.73 20 20 0.99 h. min. m. 16 02 44 0.30 TUE 09 24 0.98 15 12 0.49 21 15 1.04	h. min. m. 1 02 42 0.48 THU 09 14 1.16 16 00 0.33 22 09 0.91 h. min. m. 16 02 39 0.62 FRI 09 27 1.43 17 06 0.08 23 54 0.78	1 01 33 0.69 SAT 08 48 1.38 16 45 0.08	1 10 18 1.66 TUE 18 32 -0.21 WED 04 36 0.67 11 12 1.56 18 47 -0.01
2 03 36 0.27 TUE 10 24 0.92 WED 09 45 1.15 16 15 0.27 21 33 1.04 20 1.01	2 03 13 0.54 FRI 09 40 1.30 16 49 0.14 23 18 0.88 17 03 11 0.65 SAT 10 06 1.53 17 54 -0.01	2 00 07 0.76 SUN 02 06 0.73 09 35 1.52 17 40 -0.08 18 41 -0.05	2 01 55 0.75 WED 03 41 0.73 THU 05 18 0.59 11 13 1.75 19 14 -0.22 THU 05 03 0.03
3 04 06 0.29 18 03 54 0.44 THU 10 10 1.30 17 06 0.09 23 30 0.96	3 03 38 0.59 18 00 50 0.75 SUN 03 41 0.66 10 44 1.60 18 37 -0.06	3 01 17 0.75 MON 02 39 0.74 ○ 10 23 1.64 ○ 18 33 -0.18 18 01 53 0.75 TUE 04 13 0.70 ■ 11 19 1.61 ■ 19 14 -0.06	3 02 02 0.75 18 01 27 0.89 19 04 54 0.63 12 04 1.78 19 50 -0.16 19 24 0.08
4 04 31 0.33 THU 10 39 1.15 17 0.5 0.17 23 18 1.06 ■ 17 51 -0.03	4 00 19 0.83 19 01 38 0.71 20 01 38 0.71 20 0.62 20 0.62 20 0.63 0.71 20 0.65 0.70 0.70 0.70 0.83 0.71 0.71 0.71 0.71 0.71 0.71 0.71 0.71	4 02 11 0.72 TUE 03 21 0.72 11 12 1.73 19 23 -0.23 19 42 -0.03	4 02 15 0.79 FRI 05 58 0.53 12 53 1.74 20 19 -0.06 19 19 01 36 0.95 SAT 06 30 0.45 12 52 1.49 19 39 0.14
5 04 51 0.38 RRI 10 57 1.28 SAT 04 37 0.52 11 06 1.55 18 32 -0.10	5 01 17 0.77 MON 04 19 0.64 11 18 1.66 19 12 -0.19 20 02 17 0.69 TUE 04 47 0.63 12 00 1.65 19 49 -0.05	5 02 46 0.70 WED 04 19 0.68 12 01 1.78 20 09 -0.21 20 02 25 0.77 THU 05 46 0.62 12 33 1.60 20 05 0.01	5 02 29 0.88 SAT 06 58 0.43 13 39 1.63 20 42 0.07 20 19 52 0.19
6 00 04 1.01 21 01 07 0.80 Sun 04 57 0.54 11 18 1.40 11 36 1.62 19 10 -0.12	6 02 12 0.70 TUE 04 42 0.63 11 58 1.72 19 59 -0.20 21 02 47 0.68 WED 05 26 0.62 12 36 1.63 20 20 -0.01	6 THU 03 10 0.69 12 0.64 12 51 1.77 20 48 -0.15 21 02 38 0.81 FRI 06 28 0.59 13 06 1.56 20 24 0.07	6 02 45 1.00 21 01 59 1.11 00 07 39 0.38 14 24 1.46 21 01 0.20 20 05 0.26
7 00 49 0.93 sun 05 22 0.47 hON 05 17 0.54 11 43 1.52 h1 9 03 -0.17 h2 45 -0.10	7 03 05 0.65 WED 05 12 0.61 1.74 20 45 -0.17 20 48 0.04 20 48 0.04	7 03 30 0.72 22 02 51 0.86 SAT 07 08 0.57 13 39 1.70 21 22 -0.05 20 43 0.12	7 MON 03 06 1.13 15 06 1.24 21 15 0.33 22 02 15 1.18 TUE 08 16 0.35 14 20 1.17 20 18 0.33
8 01 35 0.83 MON 05 37 0.50 12 12 1.60 19 44 -0.20 23 02 24 0.67 TUE 05 39 0.54 12 40 1.63 20 19 -0.05	8 03 52 0.63 THU 05 51 0.60 13 26 1.71 21 30 -0.09 23 03 34 0.73 FRI 06 49 0.63 1.51 21 15 0.09	8 03 49 0.79 SAT 07 37 0.56 14 27 1.58 21 51 0.08 23 03 06 0.93 SUN 07 47 0.56 14 08 1.39 21 00 0.19	8 03 33 1.24 TUE 09 56 0.35
9 02 19 0.72 TUE 05 54 0.51 WED 06 01 0.54 13 12 1.59 20 27 -0.18 20 52 0.01	9 04 34 0.64 FRI 06 44 0.61 14 14 1.62 22 15 0.01 24 04 00 0.78 SAT 07 33 0.65 14 18 1.42 21 42 0.16	9 04 12 0.89 MON 08 29 0.56 15 17 1.40 21 19 0.27	9 04 05 1.31
10 03 06 0.63 25 03 33 0.63 WED 06 10 0.51 13 18 1.66 21 14 -0.12 25 03 33 0.63 THU 06 24 0.57 13 45 1.52 21 27 0.08	10 05 12 0.69 25 04 29 0.83 SUN 08 20 0.68 14 55 1.32 22 12 0.24	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	10 04 45 1.33 THU 12 51 0.38 18 42 0.59 20 12 0.58 25 03 30 1.32 FRI 11 24 0.35 16 51 0.61 20 04 0.56
11 04 02 0.56 THU 06 23 0.52 13 58 1.61 22 08 -0.03 26 04 20 0.64 FRI 06 45 0.61 14 18 1.42 22 08 0.16	11 05 52 0.78 sun 09 21 0.67	11 05 16 1.11	11 05 40 1.32 26 04 12 1.33 SAT 13 45 0.28
12	MON 11 21 0.66 TUE 10 51 0.71 17 31 1.10 23 25 0.43	12 06 01 1.21 WED 13 14 0.45 18 48 0.76 23 37 0.59 27 04 48 1.16 THU 12 03 0.50 17 20 0.76 22 06 0.58	12 07 03 1.32 27 05 24 1.33 SUN 15 38 0.11
13 15 46 1.33 28 15 47 1.17 SUN	TUE 07 21 1.03	13 06 56 1.29 THU 14 58 0.33 22 12 0.69	13 08 35 1.36 28 07 33 1.37 MON 16 41 -0.04
14 00 36 0.17 29 00 00 0.32 MON 08 18 0.82 10 43 0.81 17 15 1.04	14	14 00 03 0.67 FRI 07 57 1.36 16 18 0.19 29 06 45 1.30 SAT 15 39 0.19	14 01 31 0.83 MON 02 09 0.83 09 42 1.44 17 53 -0.01
15 01 50 0.24 MON 09 11 0.84 TUE 08 30 0.92 13 21 0.69 19 36 1.07 19 10 0.96	15 02 02 0.56 THU 08 46 1.31 16 12 0.22 22 44 0.81 20 10 00 52 0.62 FRI 08 02 1.24 15 43 0.27 22 34 0.75	15 08 56 1.44 SAT 17 16 0.07 30 08 03 1.41 SUN 16 48 0.01	15 01 06 0.83 TUE 03 45 0.76 10 31 1.51 18 22 -0.03 10 18 06 -0.15
31 02 00 0.43 WED 08 51 1.03 15 06 0.53 20 47 0.93		31 09 16 1.54 MON 17 43 -0.13	31 00 45 0.81 THU 04 18 0.60 11 10 1.68 18 38 -0.10

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