

BULAN, SORSOGON

LAT 12° 40'N LONG 123° 52'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

January			February			March			April		
Time	Ht.		Time	Ht.		Time	Ht.		Time	Ht.	
h. min.	m.		h. min.	m.		h. min.	m.		h. min.	m.	
1 SUN	00 34 0.22 05 58 0.50 11 52 0.16 18 58 0.81		16 MON	04 24 0.55 10 21 0.11 17 24 0.75		1 WED	00 17 0.12 04 48 0.21 06 46 0.20 16 27 0.99		1 SAT	03 59 0.12 19 36 0.94	
2 MON	02 27 0.08 08 28 0.38 12 37 0.26 19 51 0.91		17 TUE	00 52 0.14 06 05 0.35 10 37 0.23 18 23 0.83		16 THU	02 30 -0.05 18 07 1.01		17 SUN	04 00 0.06 10 59 0.79 15 11 0.59 21 30 1.16	
3 TUE	03 46 -0.09 10 45 0.38 13 29 0.33 20 42 1.01		18 WED	02 51 -0.05 19 32 0.95		2 THU	04 18 0.05 18 02 0.91		2 MON	04 32 0.06 11 45 0.79 15 33 0.68 21 18 1.02	
4 WED	04 42 -0.24 11 55 0.41 14 21 0.36 21 27 1.10		19 THU	04 10 -0.26 20 42 1.09		3 FRI	04 57 -0.08 20 39 0.94		3 TUE	04 56 0.03 11 45 0.79 16 18 0.51 22 13 1.12	
5 THU	05 26 -0.36 12 42 0.41 15 09 0.36 22 09 1.17		20 FRI	05 10 -0.45 21 45 1.23		18 SAT	05 18 -0.40 21 45 1.22		4 WED	05 18 0.03 11 41 0.85 16 52 0.35 22 57 1.18	
6 FRI	06 04 -0.43 13 16 0.40 15 51 0.34 22 48 1.23		21 SAT	06 03 -0.59 14 00 0.40 14 45 0.40 22 42 1.35		19 SUN	06 02 -0.50 13 20 0.49 15 35 0.45 22 48 1.35		5 THU	05 38 0.05 12 12 0.93 17 24 0.20 23 35 1.19	
7 SAT	06 39 -0.46 13 44 0.39 16 31 0.31 23 26 1.26		22 SUN	06 51 -0.65 14 04 0.38 16 12 0.33 23 34 1.42		20 MON	06 39 -0.51 13 18 0.51 16 50 0.29 23 41 1.41		6 FRI	05 55 0.10 11 54 1.04 17 57 0.06	
8 SUN	07 10 -0.46 14 06 0.38 17 10 0.27		23 MON	07 32 -0.64 14 19 0.38 17 18 0.24		21 TUE	07 11 -0.46 13 27 0.57 17 48 0.13		7 THU	06 10 1.16 12 07 1.15 18 30 -0.05	
9 MON	00 02 1.27 07 38 -0.44 14 24 0.39 17 49 0.24		24 TUE	00 24 1.43 08 08 -0.57 14 36 0.42 18 18 0.15		7 TUE	07 03 -0.41 13 38 0.49 17 32 0.24		8 SAT	00 47 1.09 06 23 0.22 12 24 1.27 19 05 -0.13	
10 TUE	00 36 1.24 08 03 -0.40 14 42 0.42 18 27 0.23		25 WED	01 11 1.37 08 37 -0.46 14 52 0.50 19 16 0.08		8 WED	00 04 1.26 07 25 -0.38 13 48 0.53 18 08 0.17		9 SUN	01 21 0.99 06 34 0.27 12 44 1.37 19 40 -0.18	
11 WED	01 07 1.19 08 26 -0.35 15 00 0.47 19 05 0.22		26 THU	01 55 1.25 09 01 -0.33 15 11 0.61 20 12 0.05		9 THU	00 06 1.24 07 25 -0.38 13 48 0.53 18 08 0.17		10 MON	01 57 0.87 06 46 0.32 13 08 1.45 20 18 -0.18	
12 THU	01 38 1.12 08 48 -0.29 15 19 0.52 19 45 0.23		27 FRI	02 37 1.07 09 21 -0.19 15 33 0.72 21 10 0.05		10 FRI	01 06 1.20 08 00 -0.28 14 11 0.65 19 15 0.09		11 TUE	02 32 0.73 06 58 0.35 13 34 1.50 21 02 -0.15	
13 FRI	02 09 1.02 09 10 -0.22 15 41 0.57 20 29 0.23		28 SAT	03 18 0.85 09 37 -0.05 16 00 0.81 22 15 0.08		11 SAT	02 03 1.02 08 29 -0.14 14 39 0.80 20 28 0.04		12 WED	03 12 0.59 07 06 0.38 14 04 1.50 21 55 -0.07	
14 SAT	02 44 0.90 09 33 -0.12 16 07 0.62 21 26 0.24		29 SUN	04 00 0.62 09 49 0.07 16 34 0.86 23 38 0.10		12 SUN	02 35 0.89 08 42 -0.05 14 59 0.87 21 14 0.03		13 THU	04 08 0.45 06 54 0.40 14 40 1.44 23 12 0.03	
15 SUN	03 26 0.74 09 57 -0.01 16 41 0.68 22 49 0.22		30 MON	04 52 0.39 09 48 0.17 17 18 0.88		13 MON	03 11 0.71 08 55 0.06 15 24 0.93 22 15 0.04		14 FRI	05 27 1.33	
			31 TUE	01 43 0.08 18 22 0.89		14 TUE	03 54 0.50 09 00 0.16 15 57 0.97 23 51 0.04		15 SAT	01 20 0.09 16 57 1.17	
						15 WED	05 03 0.27 08 22 0.21 16 44 1.00		30 THU	04 42 0.33 06 09 0.32 15 20 1.15	
									31 FRI	01 39 0.20 16 00 1.01	

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