

## CALAPAN, ORIENTAL MINDORO

**LAT 13° 26'N LONG 121° 12'E**

### TIMES AND HEIGHTS OF HIGH AND LOW WATERS

September			October			November			December		
Time	Ht.		Time	Ht.		Time	Ht.		Time	Ht.	
h. min.	m.		h. min.	m.		h. min.	m.		h. min.	m.	
1 FRI	00 19 0.82 04 54 0.40 11 36 1.65 18 35 -0.10		16 SAT	00 00 0.94 05 22 0.33 11 45 1.34 18 12 0.12		1 SUN	05 55 0.03 12 21 1.26 18 06 0.30		1 WED	07 27 -0.23 14 04 0.66 17 19 0.55	
2 SAT	00 38 0.93 05 49 0.27 12 24 1.52 19 02 0.04		17 SUN	00 14 1.03 05 59 0.24 12 19 1.26 18 29 0.20		2 MON	00 11 1.36 06 44 -0.04 13 06 1.07 18 21 0.41		2 THU	00 30 1.63 08 15 -0.17 15 17 0.57 17 08 0.55	
3 SUN	01 02 1.05 06 44 0.18 13 10 1.33 19 24 0.19		18 MON	00 32 1.12 06 36 0.18 12 54 1.14 18 45 0.29		3 TUE	00 39 1.47 07 35 -0.06 13 54 0.87 18 32 0.49		3 FRI	01 03 1.57 09 08 -0.09	
4 MON	01 29 1.18 07 41 0.14 13 57 1.10 19 42 0.32		19 TUE	00 52 1.20 07 16 0.14 13 30 1.01 18 57 0.38		4 WED	01 09 1.52 08 30 -0.03 14 48 0.69 18 32 0.53		4 SAT	01 39 1.47 10 08 0.01	
5 TUE	01 58 1.28 08 42 0.14 14 45 0.86 19 51 0.42		20 WED	01 15 1.28 08 00 0.12 14 10 0.85 19 04 0.45		5 THU	01 41 1.52 09 33 0.04 16 22 0.55 17 51 0.54		5 SUN	02 16 1.34 11 21 0.08 ☾	
6 WED	02 31 1.34 09 51 0.17 15 45 0.64 19 46 0.49		21 THU	01 39 1.34 08 53 0.12 15 01 0.69 19 02 0.51		6 FRI	02 16 1.46 10 52 0.10 ☾		6 MON	03 03 1.19 12 41 0.13	
7 THU	03 09 1.36 11 24 0.19 ☾		22 FRI	02 07 1.39 10 03 0.13 16 43 0.54 18 16 0.54		7 SAT	02 57 1.36 12 40 0.13		7 TUE	04 24 1.04 13 42 0.15 22 18 0.84	
8 FRI	03 55 1.33 13 24 0.15		23 SAT	02 43 1.40 11 50 0.12 ☾		8 SUN	03 56 1.24 14 09 0.10		8 WED	01 36 0.80 06 32 0.95 14 24 0.17 21 41 0.89	
9 SAT	05 02 1.27 14 54 0.06		24 SUN	03 37 1.37 13 47 0.03		9 MON	05 46 1.14 15 00 0.07 23 47 0.87		9 THU	02 49 0.62 08 09 0.93 14 55 0.20 21 37 0.96	
10 SUN	06 39 1.25 15 44 -0.01		25 MON	05 18 1.34 14 57 -0.08		10 TUE	01 47 0.86 07 39 1.13 15 34 0.05 22 57 0.88		10 FRI	03 29 0.43 09 15 0.95 15 20 0.24 21 45 1.06	
11 MON	08 06 1.28 16 18 -0.06		26 TUE	07 22 1.37 15 43 -0.15 23 15 0.83		11 WED	03 02 0.72 08 49 1.17 16 01 0.06 22 46 0.91		11 SAT	04 03 0.23 10 05 0.95 15 42 0.31 21 58 1.18	
12 TUE	00 10 0.80 02 38 0.77 09 08 1.34 16 47 -0.07 23 51 0.80		27 WED	02 05 0.77 08 48 1.46 16 21 -0.15 23 00 0.88		12 THU	03 41 0.56 09 39 1.21 16 24 0.09 22 47 0.97		12 SUN	04 36 0.05 10 50 0.92 16 00 0.38 22 16 1.31	
13 WED	03 33 0.66 09 55 1.38 17 11 -0.05 23 47 0.82		28 THU	03 22 0.57 09 51 1.51 16 54 -0.09 23 08 0.97		13 FRI	04 14 0.40 10 21 1.22 16 43 0.15 22 54 1.06		13 MON	05 11 -0.10 11 33 0.87 16 14 0.46 22 37 1.43 ●	
14 THU	04 12 0.54 10 35 1.41 17 33 -0.01 23 51 0.87		29 FRI	04 17 0.36 10 45 1.50 17 22 0.02 23 24 1.09 ○		14 SAT	04 46 0.25 10 59 1.19 17 01 0.22 23 06 1.15		14 TUE	05 47 -0.22 12 16 0.80 16 26 0.51 23 03 1.53	
15 FRI	04 48 0.43 11 11 1.39 17 53 0.05 ●		30 SAT	05 06 0.17 11 34 1.42 17 46 0.16 23 46 1.23		15 SUN	05 19 0.12 11 36 1.14 17 18 0.30 23 24 1.26 ●		15 WED	06 25 -0.29 13 02 0.72 16 36 0.55 23 31 1.61	

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