CALAPAN, ORIENTAL MINDORO

LAT 13° 26'N LONG 121° 12'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

January	February	March	April
Time Ht. Time Ht. h. min. m. h. min. m.	Time Ht. Time Ht.	Time Ht. Time Ht. h. min. m. h. min. m.	Time Ht. Time Ht.
1 00 34 0.43 SUN 05 39 0.66 11 39 0.31 18 54 1.03	1 03 43 0.06 WED 19 38 1.21 THU 18 21 1.31	1 01 27 0.17 WED 17 15 1.17 THU 16 12 1.34	1 03 23 0.03 SAT 19 35 1.06 10 10 10 10 10 10 10 10 10 10 10 10 10
2 02 25 0.27 MON 08 01 0.51 12 05 0.41 19 39 1.14 17 00 53 0.28 TUE 06 13 0.52 10 38 0.37 18 19 1.12	2 04 36 -0.08 THU 20 41 1.27 17 03 47 -0.16 FRI 19 54 1.40	2 03 24 0.07 THU 18 44 1.14 FRI 17 43 1.30	2 04 02 -0.01 sun 12 04 0.77 h5 01 0.72 20 59 1.10 17 03 37 -0.07 h6 10 33 0.81 15 02 0.57 21 15 1.19
3 03 39 0.08 TUE 10 30 0.49 12 24 0.48 20 23 1.25 18 02 33 0.08 WED 19 17 1.26	3 05 12 -0.18 18 04 42 -0.31 SAT 21 15 1.51	3 04 17 -0.03 18 03 30 -0.15 SAT 19 48 1.32	3
4 04 30 -0.08 WED 21 04 1.34 THU 20 17 1.42	4 05 43 -0.23 SAT 22 19 1.40 SUN 13 12 0.62 14 37 0.62 22 19 1.61	4 04 51 -0.11 19 04 21 -0.22 SUN 12 27 0.72 13 58 0.71 21 18 1.40	4 04 55 -0.01 TUE 11 26 0.83 16 31 0.42 22 39 1.18 19 04 43 0.09 WED 10 52 1.05 16 54 0.12 23 12 1.13
5 05 09 -0.20 THU 21 44 1.42 FRI 21 15 1.56	5 06 11 -0.26 sun 13 34 0.58 15 48 0.55 23 00 1.44 20 06 07 -0.40 Mon 12 52 0.64 16 16 0.50 23 15 1.65	5 05 19 -0.14 20 05 01 -0.23 MON 11 46 0.75 15 38 0.63 22 13 1.31 22 23 1.45	5 05 17 0.04 WED 11 30 0.91 17 06 0.26 23 20 1.17 20 05 07 0.20 THU 11 12 1.19 17 40 -0.05
6 05 45 -0.27 PRI 22 22 1.48 SAT 22 12 1.68	6 06 37 -0.25 MON 13 27 0.59 16 41 0.49 23 36 1.46 TUE 13 02 0.71 17 21 0.36	6 05 44 -0.15 MON 12 33 0.70 16 26 0.52 22 54 1.35 21 05 35 -0.18 TUE 11 51 0.83 16 46 0.34 23 16 1.45	6 05 37 0.10 THU 11 42 1.02 17 42 0.12 23 58 1.13 21 00 01 1.04 FRI 05 27 0.30 11 36 1.33 18 24 -0.16
7 06 18 -0.31 SAT 14 04 0.53 ○ 15 02 0.53 ○ 23 00 1.51 ○ 23 06 1.74	7 07 02 -0.23	7 06 06 -0.13 TUE 12 32 0.73 17 05 0.41 23 32 1.36 22 06 04 -0.08 WED 12 06 0.95 17 38 0.16	7 05 55 0.18 22 00 48 0.91 SAT 05 44 0.38 12 03 1.44 19 09 -0.22
8 06 49 -0.31 23 07 02 -0.50 80N 14 09 0.52 16 00 0.51 23 36 1.51 23 59 1.73	8 00 12 1.44 WED 07 25 -0.19 13 42 0.68 18 09 0.37 19 11 0.16	8 06 28 -0.09 WED 12 38 0.80 THU 06 29 0.04 12 7 1.08 18 26 0.03	8 00 36 1.05 SAT 06 11 0.27 12 17 1.25 18 57 -0.10 23 01 33 0.78 12 31 1.50 19 52 -0.23
9 07 19 -0.28 MON 14 18 0.53 TUE 14 14 0.60 17 48 0.42	9 00 46 1.39 THU 07 47 -0.13 FRI 08 03 0.03 13 58 0.76 14 06 1.04 20 04 0.12	9 00 07 1.33 THU 06 48 -0.03 12 51 0.89 18 20 0.21	9 01 15 0.94 SUN 06 24 0.35 12 40 1.36 19 38 -0.16 24 02 19 0.66 MON 06 09 0.47 13 01 1.51 20 36 -0.19
10 00 12 1.48 TUE 07 48 -0.25 14 33 0.56 17 39 0.47 25 00 48 1.64 WED 08 18 -0.31 14 36 0.68 18 53 0.36	10 01 20 1.30 FRI 08 08 -0.07 14 18 0.84 19 35 0.28 25 02 16 1.09 SAT 08 19 0.16 14 34 1.14 20 59 0.12	10 00 42 1.26 FRI 07 06 0.04 13 07 0.99 18 59 0.13 25 01 31 1.06 SAT 07 06 0.27 13 16 1.32 20 01 -0.08	10 01 57 0.82 MON 06 35 0.41 13 06 1.45 20 23 -0.18 25 03 12 0.56 TUE 06 14 0.48 13 33 1.48 21 24 -0.12
11 00 47 1.43 WED 08 15 -0.20 14 51 0.60 18 27 0.46 26 01 36 1.49 THU 08 48 -0.17 15 03 0.78 19 56 0.33	11 01 54 1.18 sat 08 27 0.02 14 40 0.93 20 23 0.25 25 0.15 04 1.21 22 01 0.15	11 01 16 1.16 SAT 07 23 0.13 13 27 1.09 19 39 0.07 26 02 13 0.87 SUN 07 18 0.34 13 44 1.38 20 51 -0.06	11 02 44 0.68 TUE 06 42 0.45 13 34 1.50 21 15 -0.16 26 04 35 0.50 WED 05 51 0.49 14 04 1.40 22 17 -0.04
12 01 21 1.35 THU 08 43 -0.15 15 0.66 19 18 0.46 FRI 09 14 -0.02 15 32 0.89 21 01 0.32	12 02 30 1.02 sun 08 43 0.12 15 05 1.01 21 18 0.23 23 21 0.18 21 18 0.23 23 21 0.18 21 0.23 23 21 0.18	12 01 52 1.03 27 02 57 0.69 SUN 07 36 0.21 13 49 1.19 20 23 0.03 21 44 0.00	12 03 48 0.54 WED 06 38 0.48 14 08 1.50 22 23 -0.11
13 01 57 1.24 28 03 05 1.02 FRI 09 10 -0.07 15 42 0.72 20 15 0.46 28 03 05 1.02 SAT 09 33 0.12 16 05 0.98 22 17 0.32	13 03 12 0.83 28 04 43 0.44 TUE 08 03 0.37 15 33 1.10 22 31 0.21 16 18 1.21	13 02 31 0.87 MON 07 47 0.30 14 13 1.28 21 15 0.02 28 03 49 0.53 TUE 07 18 0.43 14 45 1.35 22 50 0.06	13 14 50 1.45 THU 23 56 -0.06
14 02 35 1.09 SAT 09 36 0.02 16 12 0.80 21 25 0.45 29 03 51 0.76 SUN 09 46 0.24 16 43 1.06 23 56 0.30	14 04 08 0.61 TUE 09 00 0.32 (16 10 1.18	14 03 16 0.68 TUE 07 51 0.37 WED 32 21 0.04 SED 15 20 1.28	14 15 49 1.34 29 00 46 0.07 SAT 16 22 1.04
15 03 21 0.91 SUN 10 01 0.13	15 00 15 0.16 WED 06 02 0.41 08 30 0.38 17 03 1.24	15 04 24 0.50 WED 07 38 0.41 THU 16 05 1.18	15 01 38 -0.06 30 01 57 0.08 SAT 17 33 1.22 30 01 57 0.94
31 02 06 0.21 TUE 18 30 1.15		31 02 19 0.08 FRI 17 29 1.08	
TIME MEDIDIAN 120 DEC. EAST 0000 IS			

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