NAVOTAS, METRO MANILA

LAT 14° 41'N LONG 120° 56'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

September	October	November	December
Time Ht. Time Ht.	Time Ht. Time Ht.	Time Ht. Time Ht.	Time Ht. Time Ht.
h. min. m. 1 00 03 0.54 FRI 02 33 0.49 10 18 1.36 18 30 0.10 h. min. m. 16 03 39 0.47 SAT 10 39 1.04 17 30 0.34 22 42 0.70	h. min. m. 1 05 00 0.25 SUN 11 32 0.89 17 21 0.45 23 12 0.92 h. min. m. 16 05 31 0.31 MON 11 25 0.71 15 44 0.50 22 00 1.05	1 07 38 -0.18 WED 23 20 1.20 THU 22 44 1.29	1 08 18 -0.26 FRI 23 36 1.13 h. min. m. 16 08 24 -0.22 SAT 23 25 1.30
2 00 15 0.57 SAT 03 57 0.43 11 16 1.21 18 58 0.21 17 04 24 0.44 SUN 11 13 0.93 17 32 0.42 22 39 0.79	2 06 16 0.12 17 06 29 0.25 10 12 39 0.70 10 15 37 0.51 22 26 1.13	2 08 34 -0.20 THU 23 53 1.15 FRI 23 27 1.29	2 09 06 -0.21 17 09 13 -0.26 SUN
3 00 30 0.63 18 0.41 19 18 0.30 17 23 0.48 19 18 0.33 19 18 0.80	3 07 31 0.02 18 07 30 0.20 WED 13 51 0.49 15 15 0.48 23 58 1.07	3 09 31 -0.17 18 09 29 -0.11 SAT	3 00 12 1.04 MON 10 00 -0.25
4 00 48 0.72 MON 07 01 0.27 13 18 0.78 19 16 0.44 19 16 0.44 19 16 0.49 23 29 0.98	4 08 39 -0.05 19 08 29 0.14 THU 23 39 1.20	4 00 30 1.08 19 00 16 1.25 SUN 10 29 -0.14	4 00 48 0.94 NON 10 31 -0.09 TUE 10 43 -0.20
5 01 07 0.82 WED 13 07 0.55 17 06 0.49	5 00 28 1.08 THU 09 45 -0.07 RRI 09 30 0.10	5 01 14 0.99 8UN 12 04 -0.07 MON 11 30 -0.14	5 01 29 0.84
6 01 31 0.91 21 00 06 1.05 THU 09 19 0.30	6 01 05 1.07	6 02 15 0.91 Z1 02 18 1.11 TUE 12 24 -0.11	6 02 18 0.73 WED 11 27 0.06
7 02 04 0.97 THU 11 17 0.06 FRI 10 39 0.26	7 01 53 1.02 22 01 19 1.20 sun 12 14 0.02	7 03 44 0.84	7 03 34 0.62 THU 11 46 0.15 20 24 0.58
8 02 53 1.00 23 01 42 1.13 SAT 13 14 0.21	8 03 14 0.97 23 02 30 1.17 MON 13 28 -0.02	8 WED 13 51 0.79 L2 21 0.60 20 27 0.64	8 02 06 0.48 FRI 05 36 0.53 12 02 0.23 20 00 0.70 SAT 08 12 0.36 11 47 0.31 19 24 0.85
9 04 16 1.01 24 02 53 1.15 SUN 14 27 0.12	9 04 59 0.94 24 04 02 1.13 TUE 14 13 -0.02	9	9 03 04 0.36 SAT 07 51 0.49 12 17 0.31 19 56 0.84 24 -0.02 SUN 19 54 1.01
10 05 48 1.04 sun 15 27 -0.01 25 04 36 1.19 mon 15 06 0.05	TUE 15 02 0.07	10 02 44 0.48 FRI 07 59 0.73	10 03 51 0.23 sun 09 12 0.48 12 33 0.37 20 02 0.99
11 07 01 1.09 26 06 04 1.24 TUE 15 40 0.02	11 07 27 0.97 26 07 00 1.03	11 03 33 0.38 SAT 09 03 0.70 14 22 0.37 20 57 0.91 20 58 1.10 24 0.51 20 58 1.10	11 04 36 0.13 MON 10 15 0.46 12 48 0.40 20 20 1.12 26 05 12 -0.30 TUE 21 05 1.23
12 07 58 1.15 TUE 16 15 0.05 WED 16 11 0.04 22 41 0.61	12 02 13 0.56 THU 08 23 0.98 15 38 0.20 22 00 0.69 27 01 58 0.48 FRI 08 25 0.95 15 30 0.25 21 33 0.80	12 04 19 0.29 sun 10 00 0.66	12 05 20 0.04 TUE 11 18 0.42
13 08 45 1.18 28 00 43 0.58 NeD 16 36 0.10 23 03 0.56 16 38 0.10 22 37 0.65	13 03 09 0.49 28 03 19 0.31 SAT 09 42 0.84 15 54 0.29 21 58 0.77 21 44 0.93	13 05 08 0.20 MON 10 53 0.59 14 16 0.47 21 10 1.14 28 05 53 -0.23 TUE 21 54 1.27	13 06 04 -0.04 WED 21 19 1.30 THU 22 21 1.22
14 01 43 0.53 THU 09 27 1.17 16 57 0.17 23 04 0.59 29 02 22 0.49 FRI 09 26 1.20 17 02 0.21 22 45 0.72	14 03 54 0.43 29 04 29 0.14 SUN 10 51 0.71 16 01 0.38 21 48 0.86 22 00 1.06	14 05 57 0.13 TUE 11 53 0.51 4 16 0.47 21 34 1.22 29 06 44 -0.29 WED 22 27 1.27	14 06 50 -0.11
15 02 54 0.50 FRI 10 04 1.13 ■ 17 15 0.25 ■ 23 02 0.64 30 03 43 0.37 SAT 10 28 1.07 17 18 0.33 22 57 0.81	15 04 40 0.37 SUN 10 41 0.82 ■ 15 55 0.46 ■ 21 45 0.95 30 05 35 -0.01 MON 12 03 0.57 15 06 0.49 22 23 1.16	15 06 49 0.06 WED 22 06 1.27 30 07 32 -0.29 THU 23 02 1.22	15 07 36 -0.17 30 07 50 -0.27 SAT 23 30 1.06
	31 06 39 -0.12 TUE 22 50 1.21		31 08 23 -0.21

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