REAL, QUEZON

LAT 14° 40'N LONG 121° 37'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

Jan	uary	Febr	uary	March	April
Time Ht.	Time Ht.	Time Ht.		Time Ht. Time Ht.	Time Ht. Time Ht.
h. min. m. 1 01 19 1.29 SUN 07 03 0.66 13 42 1.53 20 20 0.44	h. min. m. 16 05 33 0.64 MON 11 57 1.51 18 44 0.52	h. min. m. 1 03 50 1.20 WED 08 48 0.87 15 03 1.44 21 58 0.31	h. min. m. 16 02 45 1.20 THU 07 33 0.89 13 45 1.53 21 06 0.29	1 01 26 1.08 H. min. m. 16 00 21 1.17 THU 05 15 0.91 12 30 1.31 20 16 0.54 19 15 0.45	h. min. m. 1 03 54 1.29 SAT 09 30 0.82 15 23 1.38 21 52 0.40 h. min. m. 16 03 26 1.51 SUN 09 06 0.67 15 09 1.62 21 39 0.27
2 02 48 1.29 MON 08 17 0.71 14 41 1.55 21 22 0.30	17 01 15 1.22 TUE 06 50 0.73 13 07 1.52 20 09 0.39	2 04 45 1.29 THU 10 00 0.78 16 01 1.51 22 45 0.18	17 04 07 1.34 FRI 09 12 0.80 15 14 1.65 22 15 0.10	2 03 43 1.15 THU 08 27 0.96 14 37 1.32 21 38 0.43 FRI 07 34 0.94 20 57 0.34	2 04 25 1.42 SUN 10 13 0.67 HON 10 02 0.45 16 10 1.51 22 30 0.30 17
3 03 57 1.34 TUE 09 21 0.69 15 33 1.59 22 13 0.17	18 02 57 1.26 WED 08 12 0.74 14 21 1.59 21 21 0.20	3 05 22 1.39 FRI 10 48 0.67 16 46 1.60 23 24 0.07	18 04 59 1.51 SAT 10 20 0.65 16 20 1.83 23 07 -0.07	3 FRI 04 33 1.27 FRI 09 54 0.83 15 48 1.43 22 28 0.30 18 03 56 1.40 SAT 09 15 0.79 15 14 1.63 22 03 0.17	3 04 51 1.54 10 45 0.52 16 47 1.63 23 01 0.23 17 TUE 10 48 0.24 16 58 1.86 23 07 0.17
4 04 48 1.39 WED 10 12 0.64 16 17 1.63 22 56 0.05	19 04 09 1.37 THU 09 24 0.69 15 27 1.71 22 21 0.01	4 05 54 1.47 SAT 11 24 0.58 17 23 1.69 23 57 0.00	19 05 41 1.67 SUN 11 12 0.47 17 14 1.99 23 51 -0.18	4 05 04 1.39 19 04 41 1.59 SUN 10 16 0.58 16 33 1.56 23 04 0.19 22 52 0.04	4 05 15 1.66 TUE 11 15 0.38 17 21 1.73 23 30 0.19 19 05 21 1.91 WED 11 28 0.07 17 43 1.91 23 43 0.19
5 05 29 1.44 THU 10 55 0.58 16 57 1.68 23 34 -0.03	20 05 04 1.50 FRI 10 24 0.60 16 24 1.85 23 14 -0.16	5 06 21 1.54 SUN 11 56 0.49 17 55 1.76	20 06 19 1.81 MON 11 58 0.31 18 02 2.10	5 05 30 1.50 20 05 19 1.76 MON 11 04 0.37 17 09 1.67 23 35 0.10 20 23 33 -0.03	5 WED 11 43 0.25 17 53 1.80 23 57 0.18 20 05 54 1.97 THU 12 06 -0.05 18 25 1.90
6 06 04 1.48 FRI 11 32 0.53 17 32 1.71	21 05 52 1.62 SAT 11 17 0.49 17 17 1.99	6 00 26 -0.04 MON 06 46 1.61 12 25 0.43 18 26 1.82	21 00 31 -0.22 TUE 06 55 1.92 12 40 0.18 18 46 2.13	6 05 54 1.61 21 05 54 1.90 TUE 11 46 0.18 17 54 2.05	6 06 03 1.85 THU 12 12 0.13 18 26 1.84 21 00 17 0.24 FRI 06 25 1.98 12 43 -0.11 19 05 1.83
7 00 09 -0.09 SAT 06 36 1.51 12 06 0.49 18 05 1.74	22 00 02 -0.28 SUN 06 36 1.72 12 05 0.39 18 06 2.08	7 00 54 -0.04 TUE 07 11 1.68 12 54 0.39 18 56 1.84	22 01 08 -0.17 WED 07 30 1.97 13 21 0.12 19 29 2.08	7 00 02 0.06 TUE 06 17 1.71 ○ 12 08 0.35 18 12 1.84 22 00 09 -0.04 WED 06 27 1.99 ■ 12 25 0.05 18 36 2.06	7 00 25 0.20
8 00 42 -0.10 SUN 07 06 1.53 12 37 0.47 18 37 1.76	23 00 46 -0.32 MON 07 17 1.79 12 51 0.31 18 54 2.11	8 01 21 -0.01 WED 07 36 1.73 13 23 0.35 19 25 1.84	23 01 42 -0.05 THU 08 02 1.98 14 00 0.11 20 09 1.96	8 WED 00 28 0.05 06 39 1.79 12 35 0.27 18 42 1.87 23 00 43 0.03 THU 06 58 2.03 13 0.02 19 16 1.99	8 00 54 0.25 SAT 06 55 1.93 13 12 0.00 19 33 1.78 23 01 19 0.42 SUN 07 24 1.87 13 54 -0.04 20 19 1.60
9 01 13 -0.08 MON 07 35 1.55 13 08 0.47 19 08 1.75	24 01 27 -0.28 TUE 07 57 1.83 13 35 0.28 19 39 2.07	9 01 47 0.05 THU 08 00 1.77 13 53 0.34 19 56 1.80	24 02 13 0.12 FRI 08 32 1.94 14 38 0.15 20 48 1.79	9 00 54 0.07 THU 07 03 1.86 FRI 07 27 2.01 13 03 0.20 19 12 1.87 FRI 07 27 2.01 13 39 -0.03 19 54 1.87	9 01 22 0.33 SUN 07 23 1.93 13 46 -0.01 20 10 1.69
10 01 43 -0.03 TUE 08 03 1.56 13 39 0.48 19 39 1.73	25 02 06 -0.16 WED 08 35 1.84 14 18 0.28 20 24 1.96	10 02 13 0.13 FRI 08 27 1.79 14 24 0.34 20 29 1.73	25 02 44 0.30 SAT 09 02 1.86 15 18 0.24 21 28 1.58	10 01 20 0.12 FRI 07 27 1.90 13 33 0.16 19 43 1.83 20 32 1.71	10 01 52 0.43 MON 07 54 1.88 14 23 0.04 20 51 1.57 25 02 21 0.63 TUE 08 25 1.65 15 12 0.21 21 40 1.34
11 02 12 0.05 WED 08 33 1.58 14 12 0.50 20 12 1.68	26 02 44 0.01 THU 09 12 1.81 15 03 0.32 21 09 1.79	11 02 41 0.25 SAT 08 54 1.77 15 00 0.35 21 05 1.62	26 03 13 0.49 sun 09 31 1.74 16 03 0.36 22 12 1.38	11 01 46 0.21 SAT 07 53 1.90 14 03 0.15 20 16 1.75 26 02 13 0.42 SUN 08 23 1.85 14 51 0.13 21 09 1.53	11 02 26 0.56 TUE 08 28 1.80 15 06 0.14 21 41 1.43
12 02 43 0.14 THU 09 04 1.58 14 48 0.53 20 47 1.61	27 03 20 0.22 FRI 09 48 1.75 15 51 0.39 21 57 1.59	12 03 11 0.38 sun 09 25 1.73 15 40 0.38 21 48 1.48	27 03 44 0.67 MON 10 05 1.59 17 00 0.48 23 14 1.19	12 02 13 0.32 sun 08 20 1.87 437 0.17 20 52 1.63 27 02 42 0.57 400 08 51 1.72 15 32 0.27 21 51 1.36	12 03 05 0.69 web 09 10 1.69 16 03 0.27 22 51 1.30 27 03 44 0.84 THU 09 49 1.38 17 08 0.48
13 03 15 0.26 FRI 09 38 1.57 15 30 0.56 21 28 1.51	28 03 57 0.43 SAT 10 27 1.67 16 47 0.47 22 52 1.38	13 03 45 0.53 MON 10 01 1.67 16 32 0.43 22 44 1.32	28 04 23 0.83 TUE 10 52 1.44 18 25 0.56	13 02 42 0.45 MON 08 50 1.81 TUE 09 23 1.57 16 23 0.42 22 48 1.19	13 04 01 0.83 THU 10 09 1.56
14 03 51 0.39 SAT 10 15 1.55 16 19 0.58 22 19 1.39	29 04 38 0.62 sun 11 12 1.56 17 57 0.53	14 04 30 0.69 TUE 10 49 1.59 (7 46 0.46		14 03 15 0.60 TUE 09 25 1.72 16 06 0.33 22 31 1.30 29 03 50 0.85 WED 10 06 1.40 3 17 41 0.54	14 00 44 1.25 FRI 05 43 0.92 11 46 1.45 19 10 0.43 29 01 39 1.21 SAT 07 14 0.90 13 13 1.24 19 54 0.54
15 04 35 0.52 SUN 11 00 1.52	30 00 12 1.21 MON 05 33 0.79 12 15 1.47 19 25 0.53	15 00 22 1.18 WED 05 40 0.83 12 02 1.52 19 29 0.43		15 03 58 0.76 WED 10 13 1.60 THU 05 12 0.97 11 39 1.26 19 30 0.57	15 02 25 1.35 SAT 07 46 0.86 13 45 1.48 20 38 0.36 30 02 45 1.31 SUN 08 39 0.79 14 37 1.32 20 55 0.48
	31 02 12 1.14 TUE 07 05 0.88 13 42 1.41 20 53 0.44			31 03 01 1.16 FRI 08 05 0.96 14 06 1.26 20 58 0.50	

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