PAGASA IS., KALAYAAN ISLAND GROUP

LAT 11° 02'N LONG 114° 17'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

January		February		March		April	
Time Ht. h. min. m.	Time Ht.	Time Ht. h. min. m.	Time Ht.	Time Ht. h. min. m.	Time Ht.	Time Ht. h. min. m.	Time Ht.
1 10 18 0.25 sun 19 02 0.82	16 01 26 0.52 MON 09 07 0.22 17 47 0.76	1 04 36 0.01 WED 18 18 1.04	16 03 21 -0.03 THU 17 31 1.09	1 01 45 0.09 WED 16 38 0.99	16 00 49 -0.04 THU 15 57 1.07	1 02 45 0.01 SAT 16 47 0.87	16 02 42 -0.03 SUN 17 51 0.93
2 07 16 0.23 MON 19 09 0.92	17 07 57 0.23 TUE 17 57 0.89	2 05 04 -0.10 THU 18 55 1.07	17 04 24 -0.17 FRI 18 28 1.15	2 03 01 0.00 THU 17 17 1.00	17 02 17 -0.10 FRI 16 54 1.10	2 03 45 0.02 SUN 18 06 0.81	17 03 35 0.05 MON 20 11 0.84
3 05 40 0.08 TUE 19 28 1.01	18 05 06 0.09 WED 18 24 1.01	3 05 35 -0.18 FRI 19 43 1.08	18 05 15 -0.25 SAT 19 39 1.18	3 03 58 -0.07 FRI 18 03 0.99	18 03 31 -0.14 SAT 18 07 1.09	3 04 27 0.06 MON 20 21 0.76	18 04 16 0.16 TUE 11 09 0.60 15 45 0.50 21 48 0.80
4 05 50 -0.06 WED 19 56 1.08	19 05 18 -0.10 THU 19 06 1.12	4 06 05 -0.22 SAT 20 36 1.08	19 05 57 -0.28 SUN 20 55 1.19	4 04 45 -0.11 SAT 19 03 0.96	19 04 30 -0.14 sun 19 42 1.05	4 04 53 0.13 TUE 13 03 0.61 16 33 0.56 21 44 0.74	19 04 42 0.29 WED 10 39 0.67 16 57 0.32 22 57 0.75
5 06 09 -0.17 THU 20 30 1.13	20 05 49 -0.25 FRI 19 59 1.21	5 06 33 -0.22 sun 21 27 1.07	20 06 33 -0.24 MON 22 00 1.17	5 05 23 -0.11 sun 20 18 0.93	20 05 15 -0.09 MON 21 15 1.02	5 05 07 0.21 WED 11 42 0.61 17 11 0.42 22 39 0.73	20 04 55 0.41 THU 10 39 0.79 17 44 0.16 23 54 0.70
6 06 32 -0.23 FRI 21 08 1.16	21 06 26 -0.34 SAT 20 57 1.27	6 06 57 -0.18 MON 22 09 1.05	21 07 02 -0.15 TUE 22 52 1.11	6 05 52 -0.08 MON 21 27 0.92	21 05 47 0.00 TUE 14 02 0.53 15 39 0.52 22 24 0.97	6 05 14 0.29 THU 11 11 0.67 17 43 0.28 23 25 0.71	21 05 00 0.50 FRI 10 51 0.90 18 23 0.04
7 06 57 -0.26 SAT 21 45 1.17	22 07 02 -0.37 SUN 21 50 1.30	7 07 18 -0.11 TUE 22 45 1.02	22 07 23 -0.02 WED 15 54 0.49 17 03 0.49 23 39 1.00	7 06 12 -0.02 TUE 22 17 0.90	22 06 08 0.13 WED 12 07 0.56 17 14 0.39 23 18 0.90	7 05 21 0.37 FRI 11 08 0.76 18 17 0.15	22 00 48 0.64 SAT 04 57 0.55 11 07 0.98 19 00 -0.03
8 07 24 -0.24 SUN 22 18 1.16	23 07 37 -0.33 MON 22 37 1.28	8 07 36 -0.04 WED 23 19 0.97	23 07 36 0.11 THU 13 51 0.53 18 36 0.41	8 06 26 0.06 WED 13 54 0.53 17 21 0.49 23 00 0.86	23 06 20 0.25 THU 11 59 0.66 18 09 0.26	8 00 12 0.67 SAT 05 29 0.44 11 20 0.85 18 56 0.05	23 01 50 0.58 SUN 04 42 0.56 11 28 1.03 19 39 -0.05
9 07 53 -0.20 MON 22 49 1.14	24 08 10 -0.24 TUE 23 20 1.20	9 07 51 0.04 THU 23 54 0.89	24 00 22 0.86 FRI 07 44 0.23 13 53 0.63 19 43 0.35	9 06 35 0.14 THU 12 45 0.56 18 07 0.39 23 40 0.81	24 00 06 0.80 FRI 06 25 0.36 12 08 0.77 18 58 0.17	9 01 07 0.62 SUN 05 36 0.50 11 41 0.93 19 42 -0.02	24 11 53 1.05 MON 20 24 -0.04
10 08 22 -0.14 TUE 23 18 1.09	25 08 38 -0.11 WED 23 59 1.07	10 08 02 0.11 FRI 16 09 0.52 19 13 0.48	25 01 07 0.69 SAT 07 45 0.30 14 15 0.73 20 51 0.30	FRI 12 33 0.62 18 52 0.30	25 00 54 0.69 SAT 06 27 0.42 12 26 0.85 19 47 0.11	10 02 58 0.55 MON 05 21 0.54 12 09 0.99 20 39 -0.06	25 12 22 1.04 TUE 21 18 -0.02
11 08 49 -0.08 WED 23 46 1.03	26 08 59 0.01	11 00 33 0.78 SAT 08 12 0.17 15 23 0.58 20 27 0.42	26 02 00 0.53 SUN 07 36 0.34 14 48 0.81 22 08 0.24	11 00 24 0.74 SAT 06 54 0.29 12 44 0.70 19 41 0.22	26 01 49 0.57 SUN 06 24 0.45 12 50 0.91 20 39 0.08	11 12 43 1.03 TUE 21 52 -0.08	26 12 54 1.00 WED 22 23 0.01
12 09 12 -0.02 THU	27 00 33 0.90 FRI 09 10 0.13 17 23 0.60 20 29 0.54	12 01 17 0.65 SUN 08 18 0.23 15 21 0.67 21 45 0.35	27 03 30 0.38 MON 06 59 0.34	12 01 15 0.64 SUN 07 04 0.35 13 08 0.77 20 39 0.15	27 03 12 0.48 MON 06 02 0.46 13 21 0.94 21 40 0.07	12 13 24 1.07 WED 23 10 -0.10	27 13 26 0.97 THU 23 31 0.03
13 00 15 0.95 FRI 09 28 0.04	28 01 00 0.70 SAT 09 09 0.22 3 17 00 0.69 22 18 0.48	13 02 13 0.49 MON 08 12 0.28 15 42 0.78 23 24 0.25	28 16 02 0.95 TUE	13 02 25 0.52 MON 07 06 0.41 13 40 0.85 21 50 0.09	28 13 57 0.96 TUE 22 51 0.05	13 14 14 1.08 THU (28 13 57 0.92 FRI
14 00 45 0.84 SAT 09 35 0.10 18 42 0.60 20 50 0.59	29 01 00 0.51 sun 08 47 0.27 17 06 0.80	14 04 00 0.33 TUE 07 27 0.30 (16 12 0.89		14 14 20 0.93 TUE 23 17 0.03	29 14 38 0.96 WED	14 00 26 -0.10 FRI 15 11 1.07	29 00 37 0.06 SAT 14 21 0.87
15 01 14 0.69 SUN 09 30 0.17	30 07 24 0.26 MON 17 24 0.90	15 01 36 0.12 WED 16 47 1.00		15 15 05 1.01 WED	30 00 09 0.03 THU 15 19 0.95	15 01 36 -0.08 SAT 16 18 1.02	30 01 38 0.10 sun 14 33 0.79
	31 04 20 0.15 TUE 17 48 0.98				31 01 30 0.02 FRI 16 01 0.92		

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