

CATANAUAN, QUEZON

LAT 13° 34'N LONG 122° 19'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

January				February				March				April			
Time		Ht.		Time		Ht.		Time		Ht.		Time		Ht.	
h. min.		m.		h. min.		m.		h. min.		m.		h. min.		m.	
1	05 26	0.87		16	03 17	0.84		1	02 31	0.38		1	03 57	0.21	
SUN	11 03	0.35		MON	09 52	0.39		WED	07 47	0.34		SAT	19 07	1.22	
	18 30	1.16			18 21	1.15			16 28	1.36					
2	01 24	0.32		17	01 10	0.49		2	04 16	0.23		2	04 12	0.15	
MON	07 18	0.68		TUE	06 40	0.67		THU	18 02	1.31		SUN	10 35	0.86	
	12 24	0.45			11 08	0.45							14 44	0.71	
	19 21	1.33			19 24	1.33							21 00	1.32	
3	02 54	0.15		18	03 00	0.26		3	04 25	0.11		3	04 33	0.11	
TUE	08 46	0.60		WED	08 21	0.63		FRI	19 42	1.34		MON	10 35	1.00	
	12 11	0.50			12 58	0.48							15 45	0.49	
	20 07	1.49			20 20	1.52							21 54	1.43	
4	04 01	-0.02		19	04 19	0.00		4	04 43	0.02		4	04 58	0.11	
WED	10 13	0.59		THU	10 24	0.68		SAT	11 09	0.73		TUE	10 54	1.14	
	13 22	0.52			14 06	0.50							16 30	0.30	
	20 51	1.62			21 14	1.68							22 38	1.48	
5	04 50	-0.14		20	05 09	-0.24		5	05 08	-0.05		5	05 24	0.15	
THU	11 12	0.63		FRI	11 27	0.76		SUN	11 16	0.84		WED	11 17	1.26	
	14 17	0.51			15 03	0.51			15 45	0.56			17 12	0.17	
					22 04	1.81			22 12	1.56			23 19	1.46	
6	11 54	0.68		21	05 52	-0.42		6	05 37	-0.07		6	05 48	0.23	
FRI	15 03	0.51		SAT	12 11	0.81		MON	11 38	0.95		THU	11 41	1.35	
					15 53	0.52			16 36	0.42			17 52	0.11	
					22 51	1.91			22 56	1.63			23 58	1.37	
7	12 33	0.72		22	06 33	-0.52		7	06 08	-0.04		7	06 06	0.34	
SAT	15 45	0.52		SUN	12 48	0.82		TUE	12 03	1.03		FRI	12 02	1.42	
	23 00	1.81			16 40	0.51			17 20	0.32			18 33	0.09	
					23 35	1.97			23 36	1.62					
8	06 52	-0.21		23	07 10	-0.54		8	06 38	0.05		8	00 36	1.23	
SUN	13 10	0.75		MON	13 19	0.82		WED	12 28	1.09		SAT	06 12	0.43	
	16 24	0.54			17 25	0.46			17 59	0.27			12 18	1.48	
	23 40	1.79											19 12	0.11	
9	07 31	-0.15		24	00 16	1.98		9	00 12	1.55		9	01 09	1.08	
MON	13 47	0.75		TUE	07 43	-0.48		THU	07 02	0.17		SUN	06 09	0.47	
	16 57	0.56			13 46	0.84			12 48	1.13			12 33	1.54	
					18 09	0.38			18 34	0.25			19 50	0.14	
10	00 15	1.74		25	00 55	1.92		10	00 43	1.42		10	01 40	0.93	
TUE	08 06	-0.04		WED	08 12	-0.36		FRI	07 14	0.30		MON	06 12	0.45	
	14 19	0.73			14 10	0.88			13 00	1.19			12 51	1.61	
	17 28	0.57			18 54	0.28			19 05	0.25			20 33	0.15	
11	00 45	1.65		26	01 33	1.78		11	01 06	1.27		11	02 15	0.79	
WED	08 35	0.10		THU	08 35	-0.19		SAT	07 09	0.38		TUE	06 26	0.42	
	14 42	0.71			14 33	0.97			13 06	1.26			13 17	1.66	
	18 00	0.57			19 39	0.21			19 33	0.27			21 27	0.15	
12	01 08	1.54		27	02 10	1.57		12	01 24	1.12		12	03 12	0.65	
THU	08 51	0.23		FRI	08 54	-0.02		SUN	07 01	0.38		WED	06 45	0.41	
	14 50	0.73			14 57	1.07			13 16	1.36			13 54	1.67	
	18 43	0.56			20 27	0.18			20 06	0.29			22 33	0.14	
13	01 31	1.42		28	02 48	1.29		13	01 40	0.97		13	04 34	0.53	
FRI	08 55	0.31		SAT	09 05	0.13		MON	07 09	0.34		THU	23 56	0.10	
	14 41	0.80			15 24	1.17			13 39	1.44					
	19 37	0.57			21 21	0.22			20 59	0.31					
14	01 58	1.26		29	03 26	0.98		14	02 04	0.81		14	16 15	1.50	
SAT	08 59	0.35		SUN	09 10	0.25		TUE	07 27	0.32		FRI			
	14 59	0.91			15 57	1.25			14 15	1.47					
	20 47	0.60			22 39	0.29			22 33	0.33					
15	02 31	1.08		30	04 18	0.68		15	02 43	0.61		15	01 36	0.00	
SUN	09 17	0.36		MON	09 14	0.32		WED	07 47	0.35		SAT	18 16	1.42	
	16 42	1.00			16 51	1.30			15 10	1.45					
	23 08	0.62													
				31	00 40	0.31		31	03 49	0.29		31	03 03	0.36	
				TUE	06 27	0.47			16 53	1.26			10 13	0.86	
					09 18	0.37									
					18 02	1.35									

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