

JOSE PANGANIBAN, CAMARINES NORTE

LAT 14° 19'N LONG 122° 40'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

May				June				July				August			
Time		Ht.		Time		Ht.		Time		Ht.		Time		Ht.	
h. min.		m.		h. min.		m.		h. min.		m.		h. min.		m.	
1	03 21	1.34		16	03 19	1.60		1	03 23	1.58		1	04 55	1.78	
MON	09 27	0.47		TUE	09 31	0.19		16	10 10	-0.03		TUE	11 37	-0.32	
	15 32	1.36			15 45	1.55			16 51	1.41			18 12	1.57	
	21 38	0.30			21 43	0.26			22 18	0.49			23 45	0.30	
2	03 52	1.45		17	03 59	1.71		2	04 12	1.68		2	05 45	1.88	
TUE	10 03	0.31		WED	10 18	0.02		17	10 58	-0.17		WED	12 21	-0.37	
	16 13	1.46			16 36	1.60			17 38	1.48			18 52	1.64	
	22 12	0.26			22 26	0.27			23 06	0.44					
3	04 19	1.56		18	04 36	1.78		3	05 01	1.78		3	00 31	0.19	
WED	10 36	0.16		THU	11 00	-0.10		MON	11 45	-0.27		THU	06 33	1.92	
	16 51	1.55			17 21	1.62		TUE	18 24	1.53			13 03	-0.35	
	22 45	0.24			23 05	0.30			23 53	0.40			19 31	1.68	
4	04 46	1.66		19	05 11	1.81		4	05 49	1.84		4	01 16	0.12	
THU	11 08	0.02		FRI	11 39	-0.17		TUE	12 32	-0.32		FRI	07 20	1.88	
	17 26	1.61			18 04	1.60			19 09	1.56			13 44	-0.26	
	23 16	0.23			23 42	0.34							20 10	1.69	
5	05 15	1.74		20	05 45	1.80		5	00 40	0.36		5	02 02	0.08	
FRI	11 40	-0.10		SAT	12 18	-0.19		WED	06 38	1.86		SAT	08 07	1.78	
	18 02	1.64			18 44	1.55			13 18	-0.30			14 24	-0.12	
	23 49	0.24							19 55	1.56			20 48	1.66	
6	05 45	1.80		21	00 18	0.40		6	01 27	0.33		6	02 49	0.08	
SAT	12 15	-0.19		SUN	06 17	1.75		THU	07 27	1.83		SUN	08 56	1.61	
	18 40	1.62			12 54	-0.15			14 04	-0.23			15 03	0.06	
					19 22	1.48			20 40	1.55			21 27	1.60	
7	00 24	0.28		22	00 52	0.45		7	02 17	0.32		7	03 39	0.12	
SUN	06 18	1.81		MON	06 50	1.68		FRI	08 18	1.74		MON	09 48	1.42	
	12 51	-0.22			13 31	-0.09			14 49	-0.12			15 45	0.26	
	19 21	1.57			20 00	1.40			21 26	1.53			22 10	1.52	
8	01 00	0.35		23	01 27	0.51		8	03 09	0.31		8	04 36	0.19	
MON	06 54	1.78		TUE	07 24	1.60		SAT	09 12	1.62		TUE	10 50	1.23	
	13 32	-0.19			14 09	0.00			15 36	0.04			16 32	0.45	
	20 05	1.49			20 39	1.32			22 12	1.50			22 59	1.42	
9	01 39	0.43		24	02 05	0.57		9	04 06	0.32		9	05 47	0.26	
TUE	07 33	1.72		WED	08 00	1.51		SUN	10 11	1.47		WED	12 14	1.08	
	14 16	-0.11			14 49	0.11			16 25	0.21			17 36	0.61	
	20 57	1.38			21 22	1.25			23 01	1.47					
10	02 24	0.53		25	02 47	0.63		10	05 10	0.33		10	00 05	1.32	
WED	08 18	1.62		THU	08 42	1.41		MON	11 18	1.31		THU	07 13	0.28	
	15 09	0.00			15 34	0.22			17 20	0.37			14 06	1.04	
	22 00	1.29			22 14	1.20			23 54	1.45			19 11	0.70	
11	03 20	0.63		26	03 38	0.68		11	06 23	0.31		11	01 32	1.28	
THU	09 15	1.51		FRI	09 35	1.31		TUE	12 37	1.20		FRI	08 35	0.23	
	16 12	0.13			16 29	0.33			18 24	0.50			15 32	1.11	
	23 18	1.24			23 15	1.18							20 42	0.68	
12	04 34	0.69		27	04 46	0.72		12	00 54	1.42		12	02 51	1.31	
FRI	10 30	1.40		SAT	10 45	1.22		WED	07 39	0.26		SAT	09 38	0.15	
	17 30	0.24			17 33	0.42			14 08	1.16			16 26	1.21	
									19 38	0.58			21 46	0.60	
13	00 36	1.27		28	00 18	1.20		13	01 59	1.42		13	03 49	1.40	
SAT	06 06	0.67		SUN	06 11	0.70		THU	08 48	0.18		SUN	10 26	0.06	
	12 06	1.35			12 11	1.18			15 27	1.20			17 04	1.30	
	18 51	0.28			18 42	0.46			20 48	0.60			22 32	0.51	
14	01 42	1.36		29	01 17	1.26		14	03 00	1.45		14	04 33	1.49	
SUN	07 31	0.55		MON	07 30	0.62		FRI	09 45	0.09		MON	11 05	-0.02	
	13 33	1.39			13 33	1.20			16 27	1.26			17 36	1.37	
	20 00	0.28			19 45	0.47			21 47	0.58			23 09	0.42	
15	02 35	1.48		30	02 06	1.35		15	03 54	1.50		15	05 10	1.58	
MON	08 37	0.38		TUE	08 29	0.48		SAT	10 33	0.01		TUE	11 38	-0.08	
	14 45	1.47			14 40	1.27			17 12	1.32			18 03	1.43	
	20 57	0.26			20 36	0.46			22 35	0.53			23 42	0.35	
				31	02 46	1.45		31	04 03	1.64		31	05 36	1.93	
				WED	09 15	0.32		MON	10 50	-0.20		THU	12 02	-0.34	
					15 34	1.36			17 30	1.47			18 24	1.77	
					21 21	0.44			22 57	0.41					

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