

JOSE PANGANIBAN, CAMARINES NORTE

LAT 14° 19'N LONG 122° 40'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	01 27	0.95		16	05 48	0.31		1	02 25	0.84		1	03 48	1.15	
SUN	07 11	0.33		MON	12 09	1.15		THU	07 14	0.63		SAT	09 29	0.54	
	13 42	1.21			19 02	0.14		WED	13 34	1.01			15 28	1.25	
	20 25	0.07							20 40	0.18			21 51	0.17	
2	02 54	0.97		17	01 34	0.88		2	03 45	0.94		2	04 20	1.27	
MON	08 22	0.37		TUE	07 06	0.39		THU	08 58	0.57		SUN	10 09	0.40	
	14 41	1.25			13 17	1.19		FRI	15 01	1.09			16 11	1.38	
	21 24	-0.04			20 21	0.00			21 42	0.09			22 27	0.09	
3	04 00	1.03		18	03 09	0.96		3	04 28	1.06		3	04 46	1.39	
TUE	09 22	0.37		WED	08 25	0.40		FRI	09 56	0.46		MON	10 42	0.27	
	15 32	1.29			14 27	1.28		SAT	15 56	1.22			16 47	1.50	
	22 12	-0.14			21 27	-0.18			22 27	-0.02			22 57	0.04	
4	04 50	1.10		19	04 15	1.09		4	05 00	1.17		4	05 10	1.49	
WED	10 12	0.34		THU	09 32	0.35		SAT	10 36	0.34		TUE	11 12	0.14	
	16 15	1.34			15 30	1.41			16 36	1.35			17 19	1.58	
	22 54	-0.23			22 23	-0.36			23 01	-0.11			23 26	0.01	
5	05 29	1.16		20	05 07	1.22		5	05 27	1.27		5	05 33	1.58	
THU	10 53	0.30		FRI	10 29	0.26		SUN	11 08	0.23		WED	11 40	0.03	
	16 54	1.38			16 27	1.55			17 10	1.45			17 51	1.63	
	23 30	-0.29			23 14	-0.51			23 32	-0.17			23 53	0.01	
6	06 03	1.19		21	05 53	1.32		6	05 51	1.35		6	05 57	1.65	
FRI	11 29	0.27		SAT	11 19	0.17		MON	11 38	0.14		THU	12 09	-0.07	
	17 27	1.42			17 18	1.66			17 42	1.53			18 23	1.64	
7	00 04	-0.33		22	00 00	-0.60		7	00 00	-0.20		7	00 21	0.03	
SAT	06 33	1.21		SUN	06 36	1.40		TUE	06 14	1.43		FRI	06 22	1.70	
	12 02	0.23			12 06	0.08			12 07	0.05			12 39	-0.14	
	18 00	1.44			18 06	1.73			18 12	1.57			18 56	1.62	
8	00 36	-0.35		23	00 45	-0.62		8	00 27	-0.21		8	00 51	0.08	
SUN	07 03	1.21		MON	07 17	1.44		WED	06 37	1.49		SAT	06 50	1.72	
	12 35	0.21			12 52	0.00			12 36	-0.02			13 12	-0.18	
	18 33	1.45			18 54	1.73			18 42	1.58			19 31	1.56	
9	01 08	-0.34		24	01 27	-0.57		9	00 53	-0.18		9	01 21	0.17	
MON	07 33	1.22		TUE	07 57	1.45		THU	07 01	1.53		SUN	07 19	1.69	
	13 08	0.20			13 38	-0.04			13 05	-0.07			13 46	-0.17	
	19 05	1.42			19 40	1.66			19 13	1.55			20 09	1.46	
10	01 39	-0.30		25	02 07	-0.46		10	01 20	-0.13		10	01 55	0.28	
TUE	08 03	1.21		WED	08 36	1.43		FRI	07 26	1.55		MON	07 51	1.63	
	13 42	0.19			14 24	-0.05			13 35	-0.10			14 25	-0.11	
	19 39	1.38			20 27	1.52			19 45	1.48			20 54	1.34	
11	02 11	-0.24		26	02 47	-0.29		11	01 48	-0.04		11	02 32	0.41	
WED	08 34	1.21		THU	09 15	1.39		SAT	07 53	1.54		TUE	08 29	1.54	
	14 17	0.21			15 12	-0.02			14 07	-0.11			15 12	0.00	
	20 14	1.30			21 16	1.34			20 20	1.39			21 51	1.20	
12	02 44	-0.16		27	03 27	-0.10		12	02 18	0.07		12	03 18	0.55	
THU	09 08	1.20		FRI	09 56	1.33		SUN	08 22	1.50		WED	09 15	1.43	
	14 56	0.22			16 05	0.03			14 43	-0.07			16 14	0.13	
	20 53	1.20			22 09	1.14			21 00	1.27			23 18	1.09	
13	03 18	-0.05		28	04 09	0.10		13	02 51	0.22		13	04 25	0.68	
FRI	09 44	1.18		SAT	10 40	1.25		MON	08 55	1.43		THU	10 23	1.31	
	15 39	0.24			17 06	0.10			15 27	-0.01			17 44	0.22	
	21 38	1.09			23 14	0.95			21 48	1.12					
14	03 57	0.06		29	04 58	0.29		14	03 30	0.38		14	01 10	1.10	
SAT	10 24	1.16		SUN	11 33	1.16		TUE	09 35	1.34		FRI	06 15	0.73	
	16 33	0.24			18 24	0.14			16 24	0.09			12 13	1.26	
	22 34	0.98							23 03	0.98			19 25	0.22	
15	04 45	0.19		30	00 49	0.83		15	04 26	0.54		15	02 29	1.22	
SUN	11 12	1.15		MON	06 09	0.43		WED	10 32	1.24		SAT	07 57	0.63	
	17 41	0.22			12 45	1.09			17 51	0.17			13 55	1.35	
	23 51	0.89			19 51	0.12							20 39	0.14	
16	02 43	0.83		31	02 43	0.83		16	03 03	1.03		16	03 03	1.03	
TUE	07 47	0.50		TUE	07 47	0.50		FRI	08 29	0.67			08 29	0.67	
	14 09	1.08			14 09	1.08			14 28	1.11			14 28	1.11	
	21 06	0.04			21 06	0.04			21 04	0.26			21 04	0.26	

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