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.	Time Ht. Time Ht.	Time Ht. Time Ht.
1 03 21 1.34 MON 09 27 0.47 15 32 1.36 21 38 0.30 16 03 19 1.60 TUE 09 31 0.19 15 45 1.55 21 43 0.26	h. min. m. 1 03 24 1.55 THU 09 56 0.15 16 21 1.45 22 02 0.41 h. min. m. h. min. m. 16 04 08 1.65 FRI 10 43 -0.04 17 15 1.45 22 44 0.47	1 03 23 1.58 SAT 10 10 -0.03 16 51 1.41 22 18 0.49 h. min. m. 16 04 38 1.55 SUN 11 15 -0.05 17 50 1.37 23 16 0.48	1 04 55 1.78 TUE 11 37 -0.32 18 12 1.57 23 45 0.30 h. min. m. 16 05 43 1.64 WED 12 09 -0.11
2 03 52 1.45 TUE 10 03 0.31 WED 10 18 0.02 16 13 1.46 22 12 0.26 16 36 1.60 22 26 0.27	2 04 00 1.65 FRI 10 35 -0.01 17 03 1.52 22 42 0.40 17 17 56 1.45 23 24 0.47	2 04 12 1.68 SUN 10 58 -0.17 17 38 1.48 23 06 0.44 12 1.68 23 52 0.44	2 05 45 1.88 WED 12 21 -0.37 18 52 1.64 THU 06 15 1.67 12 37 -0.10 18 54 1.52
3 04 19 1.56 WED 10 36 0.16 16 51 1.55 22 45 0.24 18 04 36 1.78 THU 11 00 -0.10 17 21 1.62 23 05 0.30	3 04 37 1.74 SAT 11 15 -0.14 17 46 1.56 23 22 0.39 18 34 1.44	3 05 01 1.78 MON 11 45 -0.27	3 00 31 0.19 THU 06 33 1.92 13 03 -0.35 19 18 00 42 0.23 FRI 06 45 1.66 19 19 18 1.54
4 04 46 1.66 THU 11 08 0.02 17 26 1.61 23 16 0.23 19 05 11 1.81 FRI 11 39 -0.17 18 04 1.60 23 42 0.34	4 05 16 1.80 sun 11 55 -0.23 non 1.57 non 18 30 1.57 non 19 09 01 0.47 non 19 09 1.42	4 05 49 1.84 TUE 12 32 -0.32 19 09 1.56 WED 06 27 0.40 WED 06 27 1.64 12 59 -0.10 19 22 1.42	4 01 16 0.12 19 01 13 0.20 SAT 07 16 1.62 13 44 -0.26 20 10 1.69 19 43 1.55
5 05 15 1.74 20 05 45 1.80 SAT 12 18 -0.19 18 02 1.64 23 49 0.24 SAT 28 44 1.55	12 39 -0.26	5 00 40 0.36 WED 06 38 1.86 13 18 -0.30 19 55 1.56 THU 07 00 1.62 13 30 -0.07 19 55 1.56	5 02 02 0.08 20 01 44 0.18 20 07 48 1.55 14 24 -0.12 20 48 1.66 20 09 1.54
6 05 45 1.80 21 00 18 0.40 SAT 12 15 -0.19 12 54 -0.15 19 22 1.48	6 00 47 0.42 TUE 06 41 1.82 13 24 -0.23 20 04 1.50 21 01 13 0.49 WED 07 10 1.60 13 51 -0.02 20 18 1.36	6 01 27 0.33 21 01 33 0.36 FRI 07 33 1.58 14 04 -0.23 20 40 1.55 20 21 1.43	6 02 49 0.08 21 02 15 0.17 08 50 0.06 21 27 1.60 20 37 1.51
7 00 24 0.28 22 00 52 0.45 80N 06 18 1.81 12 51 -0.22 19 21 1.57 80N 06 50 1.68 20 00 1.40	7 01 33 0.45 WED 07 28 1.77 14 13 -0.16 20 57 1.45 20 54 1.33	7 02 17 0.32 FRI 08 18 1.74 14 49 -0.12 21 26 1.53 22 02 09 0.36 SAT 08 09 1.51 14 33 0.07 20 52 1.42	7 03 39 0.12 22 02 51 0.19 TUE 08 59 1.34 15 45 0.26 21 0 1.52 21 09 1.46
8 01 00 0.35 23 01 27 0.51 MON 06 54 1.78 TUE 07 24 1.60 13 32 -0.19 14 09 0.00 20 05 1.49 20 39 1.32	8 02 24 0.49 THU 08 21 1.68 15 05 -0.05 21 53 1.40 21 33 1.31	8 03 09 0.31 SAT 09 12 1.62 15 36 0.04 22 12 1.50 20 02 45 0.36 SUN 08 46 1.42 15 05 0.17 21 24 1.40	8 04 36 0.19 TUE 10 50 1.23 WED 09 43 1.21 15 35 0.43 21 45 1.40
9 01 39 0.43 24 02 05 0.57 TUE 07 33 1.72 WED 08 00 1.51 14 16 -0.11 20 57 1.38 21 22 1.25	9 03 21 0.53 FRI 09 19 1.57 16 01 0.08 22 51 1.38	9 04 06 0.32 24 03 25 0.38 80N 10 11 1.47 16 25 0.21 23 01 1.47 22 00 1.38	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
MED 02 24 0.53 02 24 0.63 WED 08 18 1.62 THU 08 42 1.41 15 09 0.00 15 34 0.22 22 00 1.29 22 14 1.20	10 04 27 0.54 25 04 03 0.57 SAT 10 27 1.46 17 02 0.21 23 51 1.40 23 02 1.29	10 05 10 0.33 MON 11 18 1.31	10 00 05 1.32 THU 07 13 0.28 14 06 1.04 19 11 0.70 25 05 38 0.31 FRI 12 35 1.01 17 45 0.71 23 50 1.28
11 03 20 0.63 THU 09 15 1.51 16 12 0.13 23 18 1.24 26 03 38 0.68 FRI 09 35 1.31 16 29 0.33 23 15 1.18	11 05 42 0.51 SUN 11 44 1.37 (18 08 0.32	11 06 23 0.31 TUE 12 37 1.20 18 24 0.50 26 05 09 0.39 WED 11 23 1.11 ⇒ 17 16 0.53 ≥ 23 32 1.33	11 01 32 1.28 FRI 08 35 0.23 15 32 1.11 20 42 0.68 26 07 21 0.27 SAT 14 40 1.08 19 38 0.73
12 04 34 0.69 27 04 46 0.72 FRI 10 30 1.40 SAT 10 45 1.22 17 30 0.24 17 33 0.42	12 00 49 1.43 MON 06 58 0.43 13 05 1.33 19 14 0.40 27 06 13 0.52 TUE 12 21 1.15 18 26 0.51	12 00 54 1.42 WED 07 39 0.26 14 08 1.16 19 38 0.58 27 06 23 0.35 THU 12 55 1.06 18 30 0.62	12 02 51 1.31 SAT 09 38 0.15 16 26 1.21 21 46 0.60 27 01 33 1.32 SUN 08 48 0.13 15 48 1.23 21 01 0.64
13 00 36 1.27 28 00 18 1.20 SAT 06 06 0.67 50 12 11 1.18 12 01 0.28 18 42 0.46	TUE 08 07 0.30 14 23 1.33 20 15 0.44 29 0.44 1.34 WED 07 23 0.43 13 43 1.16 19 30 0.55	13 01 59 1.42 THU 08 48 0.18 15 27 1.20 20 48 0.60 28 00 36 1.33 FRI 07 45 0.26 14 39 1.11 19 53 0.65	13 03 49 1.40 SUN 10 26 0.06 17 04 1.30 22 32 0.51 28 02 57 1.47 MON 09 50 -0.05 16 34 1.40 22 00 0.48
14 01 42 1.36 29 01 17 1.26 SUN 07 31 0.55 MON 07 30 0.62 13 33 1.20 13 45 0.47	4 02 36 1.55 WED 09 06 0.17 15 30 1.37 21 11 0.46 29 01 38 1.40 THU 08 25 0.29 14 57 1.22 20 31 0.55	14 03 00 1.45 FRI 09 45 0.09 16 27 1.26 21 47 0.58 29 01 51 1.39 SAT 08 57 0.12 15 51 1.23 21 06 0.61	14 04 33 1.49 MON 11 05 -0.02 17 36 1.37 23 09 0.42 29 03 58 1.66 TUE 10 39 -0.20 17 13 1.55 22 49 0.30
15 02 35 1.48 30 02 06 1.35 14 45 1.47 20 57 0.26 30 02 06 1.35 14 40 1.27 20 36 0.46	15 03 24 1.61 30 02 31 1.48 THU 09 57 0.05 FRI 09 20 0.13 16 27 1.42 22 00 0.47 21 27 0.53	15 03 54 1.50 30 03 02 1.50 SMT 10 33 0.01 17 12 1.32 22 35 0.53 30 03 02 1.50 22 06 0.52	TUE 11 38 -0.08
31 02 46 1.45 WED 09 15 0.32 15 34 1.36 21 21 0.44		31 04 03 1.64 MON 10 50 -0.20 17 30 1.47 22 57 0.41	31 05 36 1.93 THU 12 02 -0.34 18 24 1.77

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