SAN FERNANDO, LA UNION

LAT 16° 37'N LONG 120° 17'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

September		Octo	ber	November	December
Time Ht.	Time Ht.	Time Ht.	Time Ht.	Time Ht. Time Ht.	Time Ht. Time Ht.
h. min. m. 1 09 47 0.94 FRI 18 25 0.22 23 30 0.34	h. min. m. 16 02 18 0.39 SAT 10 00 0.69 17 03 0.34 22 48 0.48	h. min. m. 1 04 18 0.23 SUN 10 50 0.50 16 00 0.40 22 22 0.64	h. min. m. 16 05 03 0.20 MON 11 00 0.33 13 13 0.32 21 53 0.68	h. min. m. 1 08 54 -0.15 WED 22 37 0.82 h. min. m. 16 08 18 -0.24 THU 22 06 0.86	h. min. m. 1 09 36 -0.32 FRI 22 42 0.71 h. min. m. 16 09 01 -0.4 SAT 22 46 0.8
2 01 39 0.33 SAT 10 45 0.82 18 20 0.32 23 38 0.45	17 03 59 0.38 SUN 10 45 0.62 17 04 0.38 23 06 0.55	2 05 45 0.18 MON 22 54 0.73	17 06 22 0.12 TUE 22 17 0.75	2 09 50 -0.19 THU 23 12 0.80 FRI 22 46 0.86	2 10 15 -0.28 SAT 23 17 0.66 SUN 23 39 0.7
3 04 45 0.33 SUN 11 42 0.66 18 12 0.39	18 05 15 0.34 MON 11 36 0.53 17 00 0.40 23 30 0.62	3 07 52 0.11 TUE 23 30 0.80	18 07 55 0.03 WED 22 45 0.80	3 10 39 -0.19 18 10 03 -0.30 SAT 23 33 0.82	3 10 45 -0.22 18 10 34 -0.2 MON
4 00 06 0.56 MON 06 24 0.31 12 44 0.50 17 54 0.42	19 06 38 0.30 TUE 12 48 0.43 16 18 0.41 23 57 0.68	4 09 42 0.04 WED	19 09 06 -0.05 THU 23 19 0.84	4 11 22 -0.16 19 10 57 -0.27 SUN	4 11 06 -0.16 19 00 36 0.6 TUE 11 04 -0.2
5 00 43 0.67 TUE 08 45 0.27	20 08 41 0.23 WED	5 00 12 0.83 THU 10 57 -0.02	20 10 07 -0.10	5 00 39 0.69 20 00 29 0.76 MON 11 45 -0.22	5 00 33 0.52 2
6 01 27 0.76 WED 11 05 0.18	21 00 28 0.75 THU 10 17 0.15	6 01 00 0.82 FRI 12 00 -0.03 ℂ	21 00 02 0.85 SAT 11 09 -0.13	6 01 36 0.63 21 01 38 0.67 TUE 12 19 -0.14	6 01 09 0.44 21 02 27 0.3 THU 11 02 -0.0 18 48 0.3
7 02 18 0.82 THU 12 43 0.11	22 01 07 0.80 FRI 11 29 0.07	7 01 56 0.80 SAT 12 51 -0.02	22 00 57 0.84 sun 12 09 -0.13	7 02 43 0.57 UE 12 40 0.00 WED 12 35 -0.05	7 01 02 0.36 THU 11 29 0.01 FRI 18 36 0.4
8 03 13 0.86 FRI 13 56 0.07	23 01 56 0.85 SAT 12 36 0.01	8 03 03 0.76 sun 13 27 0.01	23 02 07 0.81 MON 13 00 -0.10	8 03 49 0.51	8 11 16 0.04
9 04 13 0.87 SAT 14 43 0.05	24 02 57 0.89 sun 13 37 -0.02	9 04 12 0.73 MON 13 55 0.05	24 03 32 0.77 TUE 13 39 -0.04	9 04 48 0.44 THU 13 02 0.11 20 40 0.38 FRI 05 39 0.30 12 24 0.11 19 36 0.45	9 10 43 0.06 SAT 19 23 0.48 24 05 30 -0.1 SUN 19 26 0.6
10 05 14 0.87 SUN 15 18 0.06	25 04 08 0.91 MON 14 29 -0.02	10 05 17 0.70 TUE 14 18 0.11	25 04 54 0.71 WED 14 04 0.04	10 01 39 0.33 FRI 05 48 0.37 12 58 0.15 20 16 0.45 25 03 06 0.13 SAT 07 36 0.16 11 18 0.13 19 51 0.56	10 06 30 0.02 25 06 03 -0.2
11 06 12 0.87 MON 15 47 0.09	26 05 21 0.92 TUE 15 12 0.01	11 06 16 0.66 WED 14 36 0.16	26 06 12 0.63 THU 14 14 0.13 20 34 0.35	11 03 09 0.25 SAT 07 12 0.28 12 37 0.18 20 15 0.53 29 -0.01 SUN 20 15 0.66	11 05 57 -0.09 MON 19 45 0.67 ZE 20 33 0.7
12 07 04 0.85 TUE 16 10 0.14	27 06 32 0.91 WED 15 46 0.08	12 07 10 0.62 THU 14 50 0.21 21 15 0.40	27 00 50 0.29 FRI 07 29 0.52 14 16 0.22 20 28 0.45	12 04 28 0.15 sun 08 54 0.19 11 36 0.18 20 26 0.61 20 43 0.74	12 06 18 -0.21
13 07 52 0.83 WED 16 30 0.19	28 07 40 0.86 THU 16 05 0.17 21 43 0.33	13 01 06 0.37 FRI 08 02 0.57 14 57 0.26 21 10 0.46	28 02 36 0.21 sat 08 45 0.39 14 05 0.28 20 45 0.57	13 05 44 0.05 MON 20 42 0.70 Z8 07 26 -0.24 TUE 21 12 0.78	13 06 51 -0.31 WED 20 40 0.82 THU 21 39 0.7
14 08 36 0.80 THU 16 45 0.24 23 03 0.37 23 30 0.37	29 00 06 0.31 FRI 08 45 0.77 16 12 0.27 21 37 0.42	14 02 45 0.33 SAT 08 54 0.50 14 55 0.30 21 18 0.53	29 04 04 0.12 SUN 10 15 0.26 11 30 0.26 21 09 0.67	14 06 41 -0.07 TUE 21 05 0.77	14 07 29 -0.38
15 09 18 0.76 FRI 16 56 0.29 22 38 0.42	30 02 48 0.28 SAT 09 46 0.64 16 13 0.35 21 55 0.53	15 03 55 0.27 sun 09 50 0.42 14 41 0.33 21 33 0.61	30 05 50 0.02 MON 21 36 0.76	15 07 30 -0.17 WED 21 33 0.83 30 08 55 -0.33 THU 22 10 0.76	15 08 13 -0.41
			31 07 47 -0.08 TUE 22 06 0.81		31 09 33 -0.2 sun 23 17 0.5

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