SAN FERNANDO, LA UNION

LAT 16° 37'N LONG 120° 17'E

TIMES AND HEIGHTS OF HIGH AND LOW WATERS

| January | | February | | March | | April | |
|---|---|---|--|---|---|--|--|
| Time Ht. h. min. m. | Time Ht. | Time Ht. h. min. m. | Time Ht. | Time Ht. h. min. m. | Time Ht. | Time Ht. | Time Ht. |
| 1 10 08 0.01 SUN 18 23 0.40 | 16 09 06 0.04 MON 17 27 0.38 | 1 04 48 -0.19 WED 18 36 0.64 | 16 03 19 -0.20 THU 17 26 0.73 | 1 03 10 -0.13 WED 16 45 0.64 | 16 01 37 -0.15 THU 15 36 0.76 | 1 02 41 -0.06 SAT 17 43 0.65 | 16 02 32 -0.07 SUN 17 45 0.73 |
| 2 07 33 -0.02 MON 18 45 0.51 | 17 06 29 0.01 TUE 17 40 0.50 | 2 05 10 -0.24 THU 19 18 0.67 | 17 04 02 -0.28 FRI 18 24 0.80 | 2 03 36 -0.16 THU 17 44 0.66 | 17 02 33 -0.20 FRI 16 50 0.79 | 2 03 03 -0.02 SUN 18 42 0.64 | 17 02 57 0.01 MON 19 00 0.66 |
| 3 05 44 -0.12 TUE 19 15 0.59 | 18 04 24 -0.11 WED 18 09 0.63 | 3 05 33 -0.26 FRI 19 59 0.69 | 18 04 44 -0.32 SAT 19 23 0.85 | 3 03 59 -0.17 FRI 18 39 0.67 | 18 03 18 -0.21 SAT 18 04 0.81 | 3 03 22 0.03 MON 19 33 0.62 | 18 03 08 0.10 TUE 09 24 0.32 13 03 0.29 20 09 0.57 |
| 4 06 00 -0.22 WED 19 47 0.65 | 19 04 47 -0.24 THU 18 47 0.74 | 4 05 56 -0.26 SAT 20 36 0.69 | 19 05 25 -0.31 sun 20 21 0.85 | 4 04 21 -0.15 SAT 19 28 0.68 | 19 03 58 -0.18 sun 19 13 0.80 | 4 03 37 0.08 TUE 11 08 0.31 11 23 0.31 20 21 0.58 | 19 03 10 0.19 WED 09 10 0.41 14 49 0.23 21 11 0.46 |
| 5 06 24 -0.28 THU 20 18 0.68 | 20 05 23 -0.35 FRI 19 33 0.83 | 5 06 18 -0.24 SUN 21 12 0.68 | 20 06 05 -0.26 MON 21 18 0.81 | 5 04 41 -0.12 SUN 20 12 0.68 | 20 04 30 -0.11 MON 20 17 0.76 | 5 03 46 0.14 WED 10 01 0.36 14 30 0.29 21 09 0.53 | 20 03 07 0.26 THU 09 24 0.52 16 09 0.16 22 15 0.34 |
| 6 06 51 -0.32 FRI 20 48 0.69 | 21 06 03 -0.41 SAT 20 22 0.87 | 6 06 40 -0.20 MON 21 47 0.66 | 21 06 40 -0.18 TUE 22 12 0.73 | 6 05 00 -0.08 MON 20 53 0.66 | 21 04 51 -0.02 TUE 21 15 0.68 | 6 03 50 0.19 THU 10 00 0.43 15 45 0.24 21 57 0.45 | 21 02 33 0.30 FRI 09 45 0.63 17 33 0.10 |
| 7 07 18 -0.32 SAT 21 18 0.69 | 22 06 48 -0.42 SUN 21 14 0.87 | 7 07 02 -0.15 TUE 22 22 0.63 | 22 07 00 -0.07 WED 23 03 0.61 | 7 05 17 -0.03 TUE 21 31 0.63 | 22 04 57 0.08 WED 10 27 0.25 15 05 0.17 22 08 0.56 | 7 03 49 0.24 FRI 10 12 0.51 16 52 0.18 22 51 0.36 | 22 10 10 0.71 SAT 19 32 0.03 |
| 8 07 44 -0.31 SUN 21 48 0.67 | 23 07 33 -0.39 MON 22 07 0.83 | 8 07 21 -0.10 WED 22 58 0.58 | 23 06 57 0.03 THU 12 24 0.18 16 47 0.12 23 51 0.46 | 8 05 30 0.03 WED 11 49 0.21 13 30 0.21 22 10 0.58 | 23 04 57 0.17 THU 10 39 0.36 16 30 0.14 23 00 0.42 | 8 03 37 0.26 SAT 10 31 0.60 18 04 0.11 | 23 10 37 0.77 SUN 20 59 -0.03 |
| 9 08 10 -0.28 MON 22 18 0.64 | 24 08 18 -0.32 TUE 23 01 0.73 | 9 07 37 -0.05 THU 23 36 0.51 | 24 06 48 0.11 FRI 12 45 0.29 18 24 0.12 | 9 05 38 0.08 THU 11 35 0.27 15 51 0.21 22 51 0.51 | 24 04 51 0.23 FRI 11 03 0.47 17 51 0.11 23 52 0.28 | 9 00 03 0.26 SUN 01 48 0.25 10 54 0.68 19 39 0.04 | 24 11 07 0.79 MON 22 03 -0.07 |
| 10 08 37 -0.24 TUE 22 51 0.61 | 25 08 55 -0.22 WED 23 53 0.60 | 10 07 45 0.01 | 25 00 35 0.30 SAT 06 33 0.15 13 18 0.40 20 38 0.11 | 10 05 42 0.13 FRI 11 47 0.34 17 10 0.19 23 36 0.41 | 25 04 04 0.24 SAT 11 31 0.56 19 36 0.07 | 10 11 24 0.75 MON 21 21 -0.04 | 25 11 41 0.79 TUE 23 03 -0.08 |
| 11 09 04 -0.20 WED 23 26 0.56 | 26 09 14 -0.11 | 11 00 15 0.42 SAT 07 45 0.06 14 31 0.25 18 46 0.20 | 26 01 12 0.15 sun 04 57 0.12 14 00 0.49 | 11 05 43 0.18 SAT 12 06 0.41 18 30 0.16 | 26 12 05 0.64 sun 21 59 0.01 | 11 11 59 0.80 TUE 22 42 -0.11 | 26 12 20 0.77 WED 23 54 -0.07 |
| 12 09 28 -0.15 THU | 27 00 40 0.45 FRI 09 02 -0.02 16 18 0.18 18 52 0.16 | 12 00 57 0.31 sun 07 38 0.10 14 45 0.33 22 54 0.17 | 27 00 28 0.03 MON 01 09 0.03 03 09 0.03 14 49 0.56 | 12 00 28 0.30 SUN 05 30 0.20 12 32 0.49 20 27 0.11 | 27 12 44 0.68 MON 23 45 -0.05 | 12 12 44 0.83 WED 23 57 -0.15 | 27 13 07 0.73 |
| 13 00 00 0.49 FRI 09 45 -0.09 | 28 01 18 0.30 SAT 08 42 0.04 3 15 53 0.29 23 47 0.14 | 13 01 45 0.18 MON 06 56 0.12 15 11 0.43 | 28 02 47 -0.07 TUE 15 45 0.61 | 13 01 49 0.18 MON 03 21 0.18 13 03 0.57 22 51 0.02 | 28 13 29 0.69 TUE | 13 13 42 0.83 THU | 28 00 33 -0.04 FRI 14 06 0.69 |
| 14 00 29 0.41 SAT 09 48 -0.04 | 29 01 18 0.14 sun 08 03 0.05 16 24 0.40 | 14 01 25 0.04 TUE 15 47 0.53 | | 14 13 42 0.64 TUE | 29 01 04 -0.09 WED 14 23 0.69 | 14 01 03 -0.16 FRI 14 57 0.81 | 29 01 03 0.00 SAT 15 18 0.65 |
| 15 00 12 0.30 SUN 09 36 0.01 (18 00 0.29 | 30 05 27 -0.01 MON 17 06 0.50 | 15 02 33 -0.09 WED 16 32 0.63 | | 15 00 24 -0.08 WED 14 33 0.71 | 30 01 46 -0.10 THU 15 27 0.67 | 15 01 54 -0.13 SAT 16 22 0.77 | 30 01 27 0.05 SUN 16 28 0.61 |
| | 31 04 38 -0.11 TUE 17 51 0.58 | | | | 31 02 16 -0.08 FRI 16 37 0.66 | | |
| | | | | | | | |

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