QUALITY OF WATER - 1991

08-4590.00 RIO GRANDE AT LAREDO WATER PLANT, LAREDO, TEXAS AND NUEVO LAREDO, TAMAULIPAS

SUSPENDED SILT - 1991

Month	Monthly Weight Megagrams		Number of Samples	Gravimetric Percentages			Silt Volume - Thousand Cubic Meters			
								Period 1968 -1992		
	Water	Silt		Average	Maximum Sample*	Minimum Sample*	Total	Average	Maximum	Minimum
Jan.	284,688,000	7,117	31	0.00250	0.00310	0.00140	6.7	6.8	25.8	1.1
Feb.	185,112,000	24,620	28	0.01330	0.03340	0.00170	23.1	15.3	134.4	1.1
Mar.	227,172,000	25,440	31	0.01120	0.02880	0.00090	23.8	14.1	77.3	2.2
April	314,755,000	59,800	30	0.01900	0.03970	0.00600	56.0	36.2	309.6	0.9
May	299,704,000	22,480	31	0.00750	0.01630	0.00230	21.0	49.9	203.5	1.4
June	297,302,000	53,510	30	0.01800	0.04170	0.00310	50.1	72.5	848.6	0.7
July	277,906,000	11,670	31	0.00420	0.00630	0.00190	10.9	62.7	515.6	1.6
Aug.	272,981,000	44,500	31	0.01630	0.04380	0.00090	41.7	55.0	386.1	2.8
Sept.	931,651,000	223,600	30	0.02400	0.04520	0.01250	209.4	82.7	863.4	4.1
Oct.	1,065,398,000	78,840	31	0.00740	0.01090	0.00550	73.8	71.3	352.8	2.1
Nov.	298,132,000	6,260	30	0.00210	0.00320	0.00120	5.9	9.8	33.7	1.0
Dec.	179,556,000	3,950	31	0.00220	0.00350	0.00090	3.7	11.4	95.5	0.8
Year	4,634,357,000	561,787	365	0.01056			526.1	487.7	2,006.7	117.3

* Volume calculated at 1,068 megagrams per cubic metre

SPECIFIC CONDUCTANCE OF WATER SAMPLES IN MICROSIEMENS/CM $ 25 DEG C - 1991

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1,020	1,040	1,100	1,130	1,070	1,130	1,140	1,060	1,170	844	900	894
2	1,030	1,040	1,100	1,110	1,120	1,140	1,140	1,110	1,160	814	958	894
3	1,020	1,050	1,130	1,140	1,100	1,140	1,070	1,060	1,120	807	935	899
4	1,020	1,030	1,130	1,110	1,110	1,130	1,110	1,140	1,100	805	946	914
5	1,010	929	1,150	1,120	1,070	1,150	1,100	1,140	1,110	810	943	897
6	1,020	822	1,180	956	1,110	1,140	1,120	1,140	1,070	820	936	883
7	1,000	844	1,150	861	1,100	1,100	1,120	1,150	1,090	841	940	872
8	1,020	908	1,180	1,060	1,080	897	1,100	1,160		912	962	883
9	1,020	989	1,140	1,060	1,120	725	1,110	1,140	1,150	906	984	891
10	1,020	1,010	1,170	1,100	1,140	680	1,090	1,140	1,090	906	979	906
11	1,020	1,010	1,100	1,110	1,120	939	1,140	1,150	1,140	915	970	897
12	1,020	1,000	1,110	1,110	1,130	1,070	1,120	1,140	1,120	957	980	900
13	1,020	1,020	1,130	877	1,120	1,120	1,140	1,150	1,140	955	964	887
14	1,030	1,040	1,120	1,010	1,070	1,110	1,160	1,150	1,120	961	910	902
15	1,040	1,050	1,130	1,110	1,060	1,140	1,150	1,140	1,130	937	980	908
16	1,040	1,060	1,130	1,120	1,120	1,140	1,130	1,160	1,080	957	947	897
17	1,060	1,070	1,130	1,110	1,100	1,090	1,140	1,150	1,030	978	929	904
18	1,070	1,090	1,140	1,130	1,010	1,040	1,130	1,140	1,060	987	915	907
19	1,070	1,080	1,140	1,130	1,040	1,060	1,130	1,160	1,070	996	883	912
20	1,080	1,120	1,140	1,120	1,100	1,100	1,150	1,160	1,090	996	888	918
21	1,060	1,120	1,130	1,120	1,110	1,130	1,150	1,150	813	971	902	916
22	1,050	1,120	1,140	1,120	1,120	1,130	1,160	1,160	808	965	916	875
23	1,060	1,120	1,140	1,130	1,130	1,130	1,160	1,140	903	949	885	892
24	1,080	1,110	1,140	1,140	1,140	1,130	1,130	1,140	933	945	909	892
25	1,050	1,130	1,140	1,130	1,130	1,140	1,130	1,120	935	950	898	907
26	1,050	1,140	1,140	1,120	1,130	1,140	1,110	1,130	929	947	886	892
27	1,050	1,140	1,140	1,110	1,120	1,150	1,120	1,150	949	956	872	903
28	1,030	1,130	1,120	1,120	1,130	1,150	1,130	1,150	956	946	885	941
29	1,060		1,130	1,130	1,150	1,140	1,130	1,140	920	930	887	972
30	1,030		1,140	1,120	1,150	1,130	1,110	1,130	846	930	888	964
31	1,030		1,120		1,140		1,160	1,140		928		988