08-3640.00 RIO GRANDE AT EL PASO, TEXAS

1991 Date	Time Standard	Streamflow Momentary CMS	Specific Conductance Micro-siemens /cm	pH Units	Water Temper-ature Deg C	Hardness, Total (as CaCO3) mg/L	Hardness, Noncarbonate (as CaCO3) mg/L	Calcium ion (Ca), Dissolved mg/L	Magnesium ion (Mg), Dissolved mg/L	Sodium ion (Na), Dissolved mg/L	Sodium Adsorption Ratio(SAR)	Potassium ion (K) Dissolved mg/L	Alkalinity Total (as CaCO3) mg/L	Sulfate ion (SO4) Dissolved mg/L	Chloride ion (Cl), Dissolved mg/L	Silica (SiO2) Dissolved mg/L	Solids Dissolved (Calculated) mg/L
Jan. 17	0720	3.00	2,190	8.0	0.0	420	160	120	30	320	7	11	266	540	260	22	1,460
Feb. 22	0830	2.27	2,360	8.1	8.0	440	160	120	33	350	7	10	276	540	290	25	1,530
Mar. 21	0840	23.8	1,080	8.0	11.0	230	58	69	15	130	4	6.4	176	230	110	14	681
Apr. 19	0715	14.4	1,330	7.9	10.0	280	75	80	20	180	5	8.3	207	280	140	15	848
May 16	0830	16.4	1,190	8.0	14.5	260	71	78	17	150	4	8.0	194	240	110	13	733
June 20	0720	24.9	1,110	7.8	28.0	240	64	73	15	140	4	7.7	180	210	94	13	661
July 18	0840	28.0	1,070	7.8	24.5	240	61	70	16	120	3	8.2	180	230	96	14	663
Aug. 15	0810	32.6	1,030	7.9	19.0	220	70	65	15	130	4	7.8	154	220	100	15	646
Sept. 19	0850	19.4	1,290	7.8	10.0	270	95	77	18	170	5	7.7	171	280	140	16	812
Oct. 17	0710	10.8	1,550	7.8	10.0	340	120	97	24	200	5	8.7	225	310	150	20	945
Nov. 21	0840	4.19	1,930	8.0	8.5	410	140	120	27	250	5	11	266	410	210	24	1,210
Dec. 19	0830	4.67	1,940	8.0	9.0	380	130	110	26	260	6	9.9	249	400	220	23	1,200

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1991 Date	Water Temper-ature Deg C	Oxygen Dissolved (DO) mg/L	pH Units	Coli-form, Fecal Colonies /100 mL	Oxygen Demand Bio-Chemica (BOD) 5 Day mg/L
Jan. 10	7.8	9.8	8.5	270	4
25	3.3	10.5	8.4	150	5
Feb.14	11.1	9.4	8.4	250	3
22	7.8	9.6	8.2	54	4
Mar. 21	11.1	9.4	8.3	80	4
28	3.3	9.6	8.2	150	4
April 25	15.5	8.6	8.3	520	6
May 16	14.4	8.4	8.3	210	6
30	21.1	7.9	8.4	280	5
July 18	27.5	7.2	8.3	0	4
25	20.0	7.3	8.3	400	3
Aug. 1	25.6	7.2	8.3	0	>8
8	21.1	5.3	8.3	0	5
15	18.9	7.3	8.2	0	3

1991 Date	Water Temper-ature Deg C	Oxygen Dissolved (DO) mg/L	pH Units	Coli-form, Fecal Colonies /100 mL	Oxygen Demand Bio-Chemical (BOD) 5 Day mg/L
Aug. 22	25.6	7.1	8.2	940	4
29	23.3	7.3	8.3	360	4
Sept. 5	21.1	8.6	8.7	320	5
12	17.7	7.6	8.2	100	6
19	10.0	8.6	8.3	40	4
26	21.1	8.1	8.6	0	5
Oct. 3	18.8	8.1	8.2	510	6
10	18.8	8.4	8.4	200	4
17	16.7	8.6	8.3	120	6
24	15.6	8.8	8.3	780	8
30	2.2	9.8	8.5	350	7
Nov. 7	12.2	9.6	8.4	210	6
14	14.4	9.2	8.5	650	3
21	8.8	10.4	8.5	230	3

> Actual value is known to be greater than the value shown

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				1,060	1,220		1,120	1,220		1,610	1,930	
2				1,050	1,150		1,120	1,260		1,640		2,040
3	2,140			1,050	1,060				1,340	1,570		2,030
4	2,210			1,050					1,660	1,780	1,900	2,040
5				1,230			1,120	1,070	1,250		1,930	2,040
6					1,060			1,180	1,270		1,940	2,030
7	2,370							1,240			1,910	
8	2,140			1,230			1,130	1,320		1,580	1,840	
9	2,150			1,240			1,120	1,320	1,300	1,570		2,090
10	2,370			1,230			1,120		1,300	1,590		1,980
11				1,230			1,120		1,080	1,550		1,950
12				1,220			1,120	1,200	1,300		1,960	2,010
13									1,520		1,960	2,000
14	2,370							1,060			1,860	
15	2,370			1,260			1,120	1,070		1,650		
16				1,280	1,200		1,120	1,070	1,560	1,540		1,790
17				1,250			1,130		1,590	1,540		1,800
18				1,260			1,120		1,340	1,620	1,970	1,800
19				1,250			1,060	1,620	1,340		2,080	1,800
20						1,120		1,630	1,850		2,070	1,800
21			1,090					1,670			2,080	
22		2,380	2,380	1,280			1,060			1,880	2,020	
23				1,210			1,080		1,290	1,900		
24							1,060		1,850	1,940		
25			1,080				1,090		1,770	1,940	2,080	
26			2,400	1,160			1,090	1,720	1,700		2,040	
27			2,390					1,240	1,700		2,040	
28			2,400					1,330		1,950		
29				1,200			1,120	1,360		1,980	2,030	
30				1,180			1,150	1,380		1,970		
31							1,170			1,960		