

Cimarron River at Buffalo



Sample Record		Biological Collections	Station ID
November 1998 – September 2012		Gaging Data	620920030010-001AT
Stream Data	County	Woods	Request Data by Email
	Location	East of the Town of Buffalo on State Highway 34	
	Latitude/Longitude	36.85209062, -99.31622871	
	Planning Watershed	Panhandle (8-digit HUC - 11050001)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	111	18.2	18.0	-1.0/36.2	10.1/26.6	
	Turbidity (NTU)	113	23	7	2/715	4/18	
	pH (units)	110	8.06	8.10	7.17/8.70	7.89/8.25	
	Dissolved Oxygen (mg/L)	117	9.70	9.32	0.67/23.17	7.93/11.55	
	Hardness (mg/L)	110	1002	805	119/7000	651/1226	
Minerals	Total Dissolved Solids (mg/L)	160	10359	7587	1470/40000	4538/12305	16% of values>OWQS
	Specific Conductivity (uS/cm)	111	15905	12491	2030/61252	7812/19070	
	Chloride (mg/L)	110	5073	3890	630/24100	2221/5935	20% of values>OWQS
	Sulfate (mg/L)	110	613	498	196/1620	369/789	
Nutrients	Total Phosphorus (mg/L)	110	0.080	0.054	<0.010/0.392	0.035/0.093	
	Total Nitrogen (mg/L)	109	0.76	0.63	0.21/2.59	0.47/0.96	
	Nitrate/Nitrite (mg/L)	51	0.17	<0.05	<0.05/1.85	<0.05/0.13	
	Chlorophyll A (mg/m ³)	N/A	N/A	N/A	N/A	N/A	No Data
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	22	1160	155	<10/11000	40/1325	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	22	5817	4242	<10/24199	459/7593	Mean>OWQS

Beneficial Uses	Click to learn more about Beneficial Uses	Turbidity	pH	Dissolved Oxygen	Metals	Sulfates	Nitrates	Chlorides	Total Dissolved Solids	Bacteria	Bio. Fish	Bio. BMI	Sediment
	Fish & Wildlife Propagation		S	S	S	S						NS	NS
Aesthetics													S
Agriculture						S		NS	NS				
Primary Body Contact Recreation										NS			
Public & Private Water Supply					S		S			S			
Fish Consumption					S								
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>		Notes											