

Elk Creek at Roosevelt



Sample Record	Biological Collections	Station ID
March 2006 – October 2019	Gaging Data	311500030010-002AT

Stream Data	County	Kiowa	Request Data By Email
	Location	West of the Town of Roosevelt off State Highway 19	
	Latitude/Longitude	34.832090, -99.124678	
	Planning Watershed	Southwest (8-digit HUC -11120303)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	112	17.7	18.5	-0.7/31.1	10.6/25.4	
	Turbidity (NTU)	116	120	39	3/1000	20/72	
	pH (units)	111	8.14	8.18	7.45/8.55	8.03/8.28	
	Dissolved Oxygen (mg/L)	112	9.84	9.70	3.58/17.43	7.23/12.22	
	Hardness (mg/L)	116	760	773	212/1980	524/940	
Minerals	Total Dissolved Solids (mg/L)	219	1185	1171	<10/10850	845/1426	
	Specific Conductivity (uS/cm)	113	1706	1770	375/3098	1283/2080	
	Chloride (mg/L)	124	137	131	24/428	99/162	
	Sulfate (mg/L)	124	497	495	67/1070	296/658	
Nutrients	Total Phosphorus (mg/L)	83	0.170	0.114	<0.010/1.560	0.077/0.180	
	Total Nitrogen (mg/L)	84	1.53	1.45	0.60/3.89	0.99/1.92	
	Nitrate/Nitrite (mg/L)	84	0.43	0.09	<0.05/1.85	<0.05/0.80	
	Chlorophyll A (mg/m ³)	56	36.8	28.4	0.4/244.0	13.7/44.5	TSI=66.0
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	13	309	63	<10/2420	41/160	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	13	217	62	<10/1733	41/146	

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		NS	S	S	NS						S	NS
Aesthetics													NEI
Agriculture						S		S	S				
Primary Body Contact Recreation										NS			
Public & Private Water Supply					NEI		NEI			NEI			
Fish Consumption					S								
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>		Notes <i>Fish & Wildlife Propagation not supporting for Selenium</i>											