

Arkansas River at Ralston



Sample Record		Biological Collections	Station ID
December 1998 - Current		Gaging Data	621200010200-001AT
Stream Data	County	Pawnee	Request Data By Email
	Location	East of the Town of Ralston on State Highway 18	
	Latitude/Longitude	36.50481274, -96.72547095	
	Planning Watershed	Upper Arkansas (8-digit HUC - 11060006)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	159	17.7	17.5	-0.4/38.0	10.0/25.0	
	Turbidity (NTU)	160	116	34	2/>1000	13/91	
	pH (units)	159	8.21	8.23	6.96/9.00	8.02/8.40	
	Dissolved Oxygen (mg/L)	167	10.19	9.89	1.73/26.76	8.21/11.79	
	Hardness (mg/L)	159	267	256	82/635	204/326	
Minerals	Total Dissolved Solids (mg/L)	235	769	691	119/3173	528/939	
	Specific Conductivity (uS/cm)	159	1238	1127	186/4882	811/1529	
	Chloride (mg/L)	162	261	222	18/1380	156/299	
	Sulfate (mg/L)	162	113	108	36/268	88/137	
Nutrients	Total Phosphorus (mg/L)	162	0.234	0.183	<0.010/1.390	0.128/0.263	
	Total Nitrogen (mg/L)	161	1.39	1.29	0.33/5.78	0.94/1.61	
	Nitrate/Nitrite (mg/L)	100	0.41	0.37	<0.05/1.47	<0.05/0.62	
	Chlorophyll A (mg/m ³)	65	27.7	22.2	2.0/154.0	10.9/35.2	TSI=63.2
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	33	2450	98	<10/65000	20/504	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	33	528	20	<10/9804	<10/195	

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						U
Aesthetics													NEI
Agriculture						S		S	S				
Primary Body Contact Recreation										NS			
Public & Private Water Supply					NEI		NEI			NEI			
Fish Consumption					S								

S = Fully Supporting
 NS = Not Supporting
 NEI = Not Enough Information

Notes

U = Assessment yielded undetermined supporting status