

Canadian River at Whitefield



Sample Record		Biological Collections	Station ID
September 1999 – September 2019		Gaging Data	220300000010-001AT
Stream Data	County	Haskell	Request Data by Email
	Location	North of the Town of Whitefield on State Highway 2	
	Latitude/Longitude	35.26306098, -95.23915454	
	Planning Watershed	Lower Arkansas (8-digit HUC - 11090204)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	144	18.1	19.7	1.3/33.0	12.0/23.9	
	Turbidity (NTU)	146	22	7	1/812	4/18	
	pH (units)	143	7.91	7.93	6.39/8.68	7.72/8.15	
	Dissolved Oxygen (mg/L)	143	8.97	8.83	2.25/18.95	7.07/10.60	
	Hardness (mg/L)	144	149	145	43/317	130/161	
Minerals	Total Dissolved Solids (mg/L)	206	259	251	126/480	216/291	
	Specific Conductivity (uS/cm)	143	424	417	197/720	372/480	
	Chloride (mg/L)	146	41	37	14/74	31/49	
	Sulfate (mg/L)	146	47	47	23/100	37/57	
Nutrients	Total Phosphorus (mg/L)	148	0.063	0.050	<0.010/0.950	0.028/0.074	
	Total Nitrogen (mg/L)	147	0.64	0.61	0.24/1.40	0.47/0.80	
	Nitrate/Nitrite (mg/L)	96	0.18	0.16	<0.05/0.48	<0.05/0.27	
	Chlorophyll A (mg/m ³)	71	4.9	4.0	<0.1/28.0	2.4/6.0	TSI=46.2
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	28	277	<10	<10/6867	<10/23	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	28	104	24	<10/1860	<10/49	

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	S
Aesthetics													S
Agriculture						S		S	S				
Primary Body Contact Recreation										S			
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 U = Assessment yielded undetermined supporting status											