

Verdigris River at Keetonville



Sample Record	Biological Collections	Station ID
November 1998 – December 2012	Gaging Data	121500030010-001AT

Stream Data	County	Rogers	View Site Data
	Location	East of the Town of Keetonville on State Highway 20	
	Latitude/Longitude	36.30724953, -95.69794268	
	Planning Watershed	Middle Arkansas (8-digit HUC - 11070105)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	114	17.5	18.0	1.8/32.0	10.7/25.8	
	Turbidity (NTU)	116	68	31	3/919	21/66	
	pH (units)	114	7.84	7.85	5.09/8.76	7.70/8.02	
	Dissolved Oxygen (mg/L)	117	8.86	8.23	3.38/16.05	6.75/10.43	
	Hardness (mg/L)	116	157	153	16/320	127/187	
Minerals	Total Dissolved Solids (mg/L)	147	237	226	14/695	182/284	
	Specific Conductivity (uS/cm)	112	373	354	21/1072	288/446	
	Chloride (mg/L)	102	22	15	<10/120	<10/30	
	Sulfate (mg/L)	102	46	41	13/173	34/53	
Nutrients	Total Phosphorus (mg/L)	116	0.110	0.086	0.022/0.590	0.058/0.125	
	Total Nitrogen (mg/L)	115	0.87	0.76	0.31/2.53	0.63/1.02	
	Nitrate/Nitrite (mg/L)	55	0.22	0.19	<0.05/1.20	0.08/0.30	
	Chlorophyll A (mg/m ³)	53	8.5	5.4	0.5/50.2	3.0/10.9	TSI=51.6
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	20	5335	36	<10/89000	18/288	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	20	598	20	<10/7915	<10/44	

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						S	NEI
Aesthetics													S
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