

Bird Creek at Avant



Sample Record	Biological Collections	Station ID
January 2012 – December 2017	Gaging Data	121300020010-001AT

Stream Data	County	Osage	Request Data By Email
	Location	South of the town of Avant off State Highway 11	
	Latitude/Longitude	36.486216, -96.063739	
	Planning Watershed	Middle Arkansas (8-digit HUC -11070107)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	15	16.9	14.2	3.4/29.3	10.2/27.3	
	Turbidity (NTU)	15	12	8	4/40	6/12	
	pH (units)	15	7.98	7.99	7.49/8.44	7.88/8.07	
	Dissolved Oxygen (mg/L)	15	9.69	9.50	7.18/13.03	8.02/11.28	
	Hardness (mg/L)	15	129	126	85/177	114/145	
Minerals	Total Dissolved Solids (mg/L)	22	193	189	86/289	158/224	
	Specific Conductivity (uS/cm)	15	327	316	181/496	255/378	
	Chloride (mg/L)	16	33	29	11/76	24/40	
	Sulfate (mg/L)	16	20	18	13/34	17/23	
Nutrients	Total Phosphorus (mg/L)	16	0.034	0.031	0.019/0.073	0.025/0.038	
	Total Nitrogen (mg/L)	16	0.56	0.55	0.38/0.90	0.48/0.62	
	Nitrate/Nitrite (mg/L)	16	<0.05	<0.05	<0.05/0.16	<0.05/<0.05	
	Chlorophyll A (mg/m ³)	16	7.2	6.7	2.1/19.2	3.8/9.3	TSI=49.9
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	5	141	206	16/248	16/217	
	E. Coli (cfu/100ml)(* -Geo. Mn.)	5	157	20	17/613	19/114	

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

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

Notes