

Flint Creek at Flint



Sample Record		Biological Collections	Station ID
November 1998 - Current		Gaging Data	121700060010-001AT
Stream Data	County	Delaware	Request Data By Email
	Location	North of the Town of Flint on D0581 Rd	
	Latitude/Longitude	36.1867733, -94.70680493	
	Planning Watershed	Lower Arkansas (8-digit HUC - 11110103)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments
In-Situ	Water Temperature (°C)	143	17.0	16.5	2.5/28.7	11.2/22.9	
	Turbidity (NTU)	140	2	1	0/58	1/2	
	pH (units)	142	7.69	7.68	6.44/8.79	7.44/7.93	
	Dissolved Oxygen (mg/L)	146	9.50	9.28	4.97/14.94	8.04/10.75	
	Hardness (mg/L)	145	115	115	<10/218	104/125	
	Minerals	Total Dissolved Solids (mg/L)	160	185	182	98/552	159/205
Specific Conductivity (uS/cm)		141	292	295	152/452	259/326	
Chloride (mg/L)		118	14	13	<10/43	<10/18	
Sulfate (mg/L)		118	17	15	<10/69	12/19	
Nutrients	Total Phosphorus (mg/L)	150	0.182	0.152	0.055/1.450	0.098/0.187	See Notes
	Total Nitrogen (mg/L)	149	2.92	2.79	0.92/7.93	2.26/3.52	
	Nitrate/Nitrite (mg/L)	87	2.51	2.43	0.80/4.83	1.75/3.18	
	Chlorophyll A (mg/m ³)	89	1.0	0.8	<0.1/4.2	0.5/1.2	TSI=30.3
Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	65	555	52	<10/18000	15/109	Mean>OWQS
	E. Coli (cfu/100ml)(* -Geo. Mn.)	65	194	31	<10/4611	<10/74	Mean>OWQS

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	Total Phosphorus	
		Fish & Wildlife Propagation	<i>S</i>	<i>S</i>	<i>S</i>	<i>S</i>							<i>S</i>	<i>S</i>	<i>S</i>
Aesthetics													<i>S</i>	<i>NS</i>	
Agriculture						<i>S</i>		<i>S</i>	<i>S</i>						
Primary Body Contact Recreation										<i>NS</i>					
Public & Private Water Supply					<i>S</i>					<i>S</i>					
Fish Consumption					<i>S</i>										
<i>S = Fully Supporting</i> <i>NS = Not Supporting</i> <i>NEI = Not Enough Information</i>		Notes		100%(72 of 72) of rolling Geo. Mean exceed OWQS criterion of 0.037 ppm											