

Cimarron River at Dover



Sample Record		Biological Collections	Station ID
December 1998 – November 2012		Gaging Data	620910020010-001AT
Stream Data	County	Kingfisher	Request Data by Email
	Location	South of the Town of Dover on US Highway 81	
	Latitude/Longitude	35.95153084, -97.91407037	
	Planning Watershed	Central (8-digit HUC -11050002)	

	Parameter (<i>Descriptions</i>)	n	Mean	Median	Min./Max	p25/p75	Comments	
Parameters	In-Situ	Water Temperature (°C)	118	17.8	17.8	-0.3/37.7	9.7/25.2	
		Turbidity (NTU)	122	134	20	3/>1000	11/65	
		pH (units)	118	8.05	8.09	7.00/8.56	7.91/8.20	
		Dissolved Oxygen (mg/L)	125	10.10	9.74	4.73/20.53	8.26/11.86	
		Hardness (mg/L)	120	833	838	100/2160	636/992	
	Minerals	Total Dissolved Solids (mg/L)	170	6964	7002	87/18760	4735/9161	
		Specific Conductivity (uS/cm)	118	11381	11386	134/28860	7914/14679	
		Chloride (mg/L)	118	3462	2949	47/10300	2181/4770	
		Sulfate (mg/L)	119	612	639	96/1025	494/738	
	Nutrients	Total Phosphorus (mg/L)	119	0.195	0.084	<0.010/2.350	0.052/0.197	
		Total Nitrogen (mg/L)	118	1.26	1.08	0.53/5.72	0.81/1.45	
		Nitrate/Nitrite (mg/L)	56	0.36	0.21	<0.05/1.73	<0.05/0.59	
		Chlorophyll A (mg/m ³)	37	19.2	18.7	1.3/46.5	5.9/29.6	TSI=59.6
	Bacteria	Enterococcus (cfu/100ml)(* -Geo. Mn.)	27	4632	50	<10/87000	<10/550	Mean>OWQS
		E. Coli (cfu/100ml)(* -Geo. Mn.)	27	1390	487	<10/9208	184/1379	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
	Fish & Wildlife Propagation		S	S	S	NS						U	S
Aesthetics													S
Agriculture						S		S	S				
Primary Body Contact Recreation										NS			
Public & Private Water Supply					S		S			S			
Fish Consumption					S								

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

Notes Fish & Wildlife Propagation not supporting for Selenium
 U = Assessment yielded undetermined supporting status