

Volunteer Stream Monitoring Data 2004

Thompson Creek at Bridge

The Thompson Creek Rating Curve was used to determine flow.

Date		1/3/2004	1/16/2004	1/31/2004	2/9/2004	2/18/2004	2/25/2004	3/10/2004	3/26/2004	4/8/2004	4/21/2004
Time		1:35 PM	11:55 AM	9:30 AM	1:45 PM	10:30 AM	4:05 PM	2:30 PM	9:20 AM	2:50 PM	9:05 AM
Weather		Light snow	Cold, fog	Cloudy	Cold,cloudy	Storm event	Overcast	Clear	Sun	Cool,cloudy	Partly cloudy
Water Sample Collected		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dissolved Oxygen:											
%Saturation		82.4	99.4	102.9	94.4	NA	100.3	102.7	99.6	92.6	98.7
mg/L		12.04	14.55	12.80	13.37	NA	13.59	13.38	13.13	10.94	12.47
Water Temperature:											
Centigrade		0.0	0.0	1.1	1.2	NA	2.8	4.3	3.7	8.0	5.7
Fahrenheit		31.9	32.0	34.0	34.2	NA	37.1	39.7	38.8	46.4	41.7
Flow:			(lots of ice)								
Cubic Feet/Second		4.15	10.80	5.75	2.26	11.03	9.34	18.90	24.50	20.50	16.30
Staff Gauge (ft.)		1.10	1.62	1.18	1.00	1.65	1.42	1.99	2.64	2.28	1.90
Crest Gauge (ft.)		NA	NA	1.05	NA	1.65	NA	2.06	2.64	3.20	2.60

5/7/2003	5/19/2004	5/20/2004	5/22/2004	5/26/2007	6/2/2004	6/16/2004	7/2/2004	7/20/2004	8/7/2004	8/17/2004	8/24/2004	8/25/2004	8/30/2004
12:20 PM	12:30 PM	7:00 PM	10:30 AM	9:00PM	11:40 AM	9:00 AM	7:55 AM	9:10 AM	7:20 AM	1:30 PM	6:00 PM	6:50 PM	10:00 AM
Clear	Cloudy	Storm	Storm	Storm	Clear	Clear	Clear	Ptly Cldy	Cloudy	Ptly Cldy	Storm	Storm	Clear
		event	event	event							Event	Event	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
98.5	90.1	NA	NA	NA	87.2	89.0	88.4	82.1	83.1	81.2	NA	NA	88.7
11.17	9.80	NA	NA	NA	9.91	10.30	8.86	7.86	8.77	7.24	NA	NA	9.35
9.9	11.5	NA	NA	NA	9.7	9.0	15.1	17.3	13.3	20.7	NA	NA	13.4
49.8	52.8	NA	NA	NA	49.4	48.1	59.1	63.1	56.0	69.3	NA	NA	56.1
10.27	8.00	10.66	14.48	28.50	11.21	8.91	4.15	1.64	7.54	1.00	5.56	6.87	1.15
1.54	1.31	1.60	1.85	2.80	1.67	1.38	1.10	0.96	1.28	0.80	1.17	1.24	0.90
2.85	2.20	1.90	2.24	2.84	3.18	NA	1.80	1.40	1.46	NA	1.89	1.80	1.90

9/15/2004	9/17/2004	9/30/2004	10/15/2004	10/18/2004	10/21/2004	10/22/2004	10/28/2004	11/2/2004	11/7/2004	11/24/2004	11/27/2004	12/8/2004	12/10/2004
5:20 PM	11:35 AM	10:35 AM	11:25 AM	AM	5:00 PM	PM	11:40 AM	5:15 PM	9:10 AM	9:25 AM	11:20 AM	11:05 AM	9:15 AM
Storm	Rain	Clear	Ptly Cldy	Storm	Storm	Storm	Clear	Storm	Overcast	Storm	Snowing	Storm	Cloudy
Event				Event	Event	Event		Event		Event		Event	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NA	87.5	85.1	78.5	NA	NA	NA	84.1	NA	88.23	NA	96.6	NA	91.1
NA	9.53	9.35	9.10	NA	NA	NA	6.97	NA	11.43	NA	13.14	NA	12.39
NA	11.5	11.1	8.9	NA	NA	NA	4.1	NA	4.4	NA	2.7	NA	2.5
NA	52.7	51.9	48.0	NA	NA	NA	38.3	NA	39.8	NA	36.8	NA	36.5
4.15	1.38	1.10	1.10	10.50	0.75	8.50	1.78	3.30	3.30	10.70	8.50	9.50	16.50
1.10	0.94	0.85	0.85	1.60	0.70	1.34	0.97	1.04	1.04	1.62	1.35	1.47	1.92
1.70	1.34	1.40	1.20	1.70	2.02	1.38	1.94	1.20	1.90	1.60	2.15	1.75	1.96