

Volunteer Stream Monitoring Data 2005

Thompson Creek at Bridge

The Thompson Creek Rating Curve was used to determine flow.

Date	1/1/2005	1/14/2005	1/18/2005	1/30/2005	2/9/2005	2/27/2005	3/12/2005	3/26/2005	3/27/2005	3/28/2005
Time	1:45 PM	12:45 PM	10:00 AM	1:10 PM	12:30 PM	11:30 AM	1:45 PM	11:30 AM	12:30 PM	9:30 AM
Weather	Cold,Cldy	Very Cold	Storm	Cold,Cldy	Cold	Clear/Sun	Ptly Cldy	Cool,Cldy	Storm	Storm
			Event						Event	Event
Water Sample Collected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dissolved Oxygen:										
%Saturation	95.5	100.4	NA	99.1	100.1	102.0	87.5	114.0	NA	NA
mg/L	13.33	14.68	NA	13.25	14.34	14.14	10.79	15.43	NA	NA
Water Temperature:										
Centigrade	1.6	0.0	NA	3.3	0.7	2.0	6.3	2.8	NA	NA
Fahrenheit	34.9	32.0	NA	38.0	33.3	35.6	43.4	37.0	NA	NA
Flow:										
Cubic Feet/Second	6.20	9.50	23.70	11.20	10.00	6.80	6.00	5.10	33.00	34.50
Staff Gauge (ft.)	1.28	1.47	2.58	1.68	1.50	1.24	1.19	1.15	3.32	3.44
Crest Gauge (ft.)	frozen	frozen	frozen	1.70	NA	NA	1.20	1.20	NA	NA

4/15/2005	4/30/2005	5/10/2005	5/16/2005	5/19/2005	5/25/2005	6/9/2005	6/20/2005	7/9/2005	7/16/2005	7/30/2005	8/10/2005	8/17/2005
9:00 AM	11:15 AM	9:25 AM	8:30 AM	8:50 AM	8:05 AM	10:20 AM	8:25 AM	7:25 AM	12:00 N	7:45 AM	1:30 PM	4:00 PM
Ptly Cldy	Ptly Cldy	Storm	Storm	Storm	Clear	Ptly Cldy	Clear	Storm	Ptly Cldy	Clear	Sun, hot	Storm
		Event	Event	Event				Event				Event
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
96.3	93.5	NA	NA	NA	98.0	102.0	93.2	NA	92.3	90.2	99.6	NA
12.86	11.20	NA	NA	NA	11.63	11.51	10.20	NA	9.04	9.07	9.28	NA
3.2	7.5	NA	NA	NA	7.8	10.0	11.1	NA	16.4	15.4	18.8	NA
37.8	45.5	NA	NA	NA	46.1	49.9	52.0	NA	61.5	59.7	65.8	NA
16.20	10.00	12.20	11.00	10.60	9.30	7.10	5.20	7.50	2.30	1.20	1.10	1.35
1.90	1.55	1.76	1.68	1.62	1.46	1.26	1.15	1.28	1.02	0.92	0.88	0.92
3.96	2.08	1.98	2.10	2.20	2.50	1.84	2.10	1.30	1.10	1.00	NA	1.10

8/22/2005	9/8/2005	9/24/2005	10/1/2005	10/5/2005	10/22/2005	11/2/2005	11/19/2005
8:50 AM	8:00 AM	11:15 AM	7:50 AM	10:25 AM	11:45 AM	11:45 AM	11:40 AM
Clear	Sun	Sun,cold	Storm	Sun,cold	Sun,cold	Cloudy	Foggy
			Event				
Yes	Yes	Yes	Yes	Yes	No	No	No
87.4	86.0	88.8	NA	89.3	88.7	91.0	96.3
8.73	9.78	10.75	NA	10.80	10.76	11.47	13.21
14.9	9.7	7.3	NA	7.1	7.1	5.7	2.1
58.7	49.4	45.2	NA	44.8	44.9	42.2	35.8
1.10	0.98	0.98	6.20	1.20	0.98	2.40	1.10
0.86	0.78	0.80	1.22	0.86	0.82	1.00	0.90
1.22	1.00	1.00	1.40	1.70	1.70	1.20	1.30