Volunteer Stream Monitoring Data 2005

Upper Thompson Creek

Pygmy or Mini meters were used to determine flow.

Date	1/1/2005	1/16/2005	1/30/2005	2/9/2005	2/27/2005	3/12/2005	3/26/2005	3/27/2005	4/15/2005
Time	11:45 AM	2:00 PM	10:45 AM	11:50 AM	8:50 AM	12:20 PM	9:30 AM	1:15 PM	9:55 AM
Weather	Cold,Cldy	Cold,Snow	Cold,Cldy	Cold	Cold/Clr	Ptly Cldy	Cool,Cldy	**Storm Event**	Ptly Cldy
Water Sample Collected	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dissolved Oxygen:									
%Saturation	100.4	105.8	104.4	101.1	102.8	87.9	115.7	NA	97.9
mg/L	14.41	15.43	13.90	14.29	14.41	11.40	16.03	NA	13.21
Water Temperature:									
Centigrade	0.5	0.0	3.1	1.2	1.5	4.4	1.6	NA	2.9
Fahrenheit	33.0	32.1	37.8	34.3	34.7	39.9	35.0	NA	37.1
Flow:									
Cubic Feet/Second	3.149	3.207	6.642	4.826	3.265	2.88	2.537	17.000	7.557
Staff Gauge (ft.)	1.10	1.02	1.00	1.06	1.00	1.00	0.97	1.48	1.16
Crest Gauge (ft.)	frozen	frozen	1.10	NA	NA	1.10	1.04	NA	1.52

4/30/2005	5/10/2005	5/25/2005	6/9/2005	6/20/2005	7/9/2005	7/16/2005	7/30/2005	8/10/2005	8/17/2005	8/22/2005	9/8/2005	9/24/2005
9:00 AM	8:50 AM	10:15 AM	8:30 AM	10:05 AM	8:20 AM	10:20 AM	10:25 AM	2:20 PM	3:30 PM	10:30 AM	8:45 AM	10:20 AM
Ptly Cldy	**Storm**	Clear	Ptly Cldy	Clear	**Storm**	Ptly Cldy	Clear	Sun,hot	**Storm**	Clear	Sun	Sun,cold
	Event				**Event**				**Event**			
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
94.6	NA	101.0	103.9	97.0	NA	99.0	98.3	100.1	NA	92.5	91.6	96.1
12.33	NA	12.33	12.52	11.13	NA	10.60	10.49	10.15	NA	9.84	10.60	10.72
4.2	NA	6.7	7.3	9.3	NA	12.2	12.4	14.5	NA	12.7	8.9	5.8
39.6	NA	44.1	45.1	48.7	NA	54.0	54.3	58.1	NA	55.0	47.9	42.5
4.704	5.600	4.039	2.859	2.097	3.200	1.436	0.839	0.358	1.500	0.461	0.165	0.224
1.06	1.09	1.05	0.99	0.95	1.00	0.90	0.88	0.84	0.92	0.85	0.82	0.81
1.48	1.51	1.30	1.50	1.24	not working	NA	0.90	NA	0.92	1.40	1.10	0.90

10/1/2005	10/5/2005	10/22/2005	11/2/2005	11/19/2005
8:30 AM	8:45 AM	9:00 AM	10:30 AM	9:30 AM
Storm	Cloudy	Sun,cold	Cloudy	Clear
Event				
Yes	Yes	No	No	No
NA	94.6	93.9	95.8	101.5
NA	12.07	11.59	12.25	14.18
NA	5.0	5.9	5.0	1.4
NA	41.0	42.6	41.0	34.5
2.600	0.462	0.423	0.849	0.774
0.98	0.86	0.85	0.90	0.88
1.07	1.10	1.10	1.00	1.00