

2002-2003 Creek Connections Water Quality Data

The following data were collected by participating Creek Connections schools.

Northwest PA/ Southwest NY Schools																		
Site # / School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₃ -N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s
1 Maplewood (9:30)	10/17/02	9	7.5	60	10	0	0.013	85	5	no data	no data	4.20	Clear	clear	low			none
1 Maplewood (10:30)	10/17/02	10	7.2	60	8	0	0.02	85	5	no data	no data	8.10	Clear	clear	low			none
1 Maplewood (11:15)	10/17/02	10	7.1	60	8	0	0.026	85	5	no data	no data	8.99	Clear	clear	low			none
1 Maplewood (3:00)	10/17/02	10	7.3	60	10	0	0.02	102	5	no data	no data	5.90	clear	clear	low			none
1 Maplewood (9:30)	10/25/02	5	7.3	60	8	0	0	51	5	no data	no data	7.00	clear, cool	full of leaves	low			none
1 Maplewood (10:30)	10/25/02	6	7.3	70	9	0	0	51	5	no data	no data	6.30	clear, cool	full of leaves	low			none
1 Maplewood (11:30)	10/25/02	7	7.3	60	8	0	0.03	102	5	no data	no data	7.45	clear, cold	full of leaves	low			none
1 Maplewood (3:00)	10/25/02	9	7.4	60	8	0	0	85	5	no data	no data	6.20	clear, cold	full of leaves	low			hardness = 102.6 mg/l
1 Maplewood (9:00)	12/19/02	1	7.8	20	14	0	0	68	0	no data	no data	2.60	warm	normal	normal	normal		hardness=9g/gal, Ca=2g/gal, Mg =7g/gal
1 Maplewood (10:00)	12/19/02	2	8	20	14	0	0.05	85	5	no data	no data	5.95	warm	normal	normal	normal		hardness = 4 g/gal, Ca = 2 g/gal, Mg = 2 g/gal
1 Maplewood (11:00)	12/19/02	2	7.8	30	13	0	0.06	68	5	no data	no data	5.20	warm	normal	normal	normal		hardness = 7 g/gal, Ca = 2 g/gal, Mg = 5 g/gal
1 Maplewood (3:00)	12/19/02	4	7.8	30	12	0	0.01	51	0	no data	no data	4.15	warm	normal	normal	normal		hardness = 3 g/gal, Ca = 2 g/gal, Mg = 1 g/gal
1 Maplewood (9:00)	02/21/03	<1	7.5	40	13	0	0	85	0	no data	no data	0.90	Clear	clear/frozen	low			
1 Maplewood (11:30)	02/21/03	1	7.5	30	13	0	0	85	0	no data	no data	0.90	clear	icy	low			
1 Maplewood (8:30)	03/17/03	2.5	7.6	20	12	0.04	0	51	10	no data	no data	4.80	warm					
1 Maplewood (9:15)	03/17/03	3	7.5	20	13	0	0	34	5	no data	no data	1.90	warm		High	increased		
1 Maplewood (10:00)	03/17/03	4	7.4	30	13	0	0	34	5	no data	no data	2.70	Warm		high	increased		
1 Maplewood (11:00)	03/17/03	4	7.2	30	14	0.05	0	34	4	no data	no data	3.90	Warm		high	increased		
1 Maplewood (12:00)	03/17/03	6	7.1	30	12	0	0.03	51	3	no data	no data	5.85	Clear, warm		high	increased		
1 Maplewood (3:00)	03/17/03	5	6.7	20	12	0	0	85	15	no data	no data	11.00	Clear, warm		high	increased		
1 Maplewood (3:00)	04/15/03	15	7.5	30	8	0	0	68	0	no data	no data	4.40	clear and warm	clear	normal			
1 Maplewood (9:00)	04/15/03	9	8	30	12	0	0	51	2.5	no data	no data	6.10	clear/warm	clear	normal			
1 Maplewood (9:30)	04/16/03	12	7.3	30	7	0	0	51	1	no data	no data	6.90	warm/sunny	clear	normal			hardness=4g/gal
1 Maplewood (10:30)	04/16/03	12	6.9	30	10	0	0.03	85	1	no data	no data	8.45	sunny/warm	clear	normal			hardness=3g/gal, Ca=2g/gal, Mg=1g/gal
1 Maplewood (8:30)	05/14/03	10	6.8	20	11	0	0	34	2.5	no data	no data	8.40	rainy	normal	high			hardness=2g/gal, Ca=1g/gal, Mg=1g/gal
1 Maplewood (12:00)	05/14/03	10	6.8	20	10	0	0	51	2.5	no data	no data	9.10	rain/storm	normal	normal			none
2 Bethesda	09/12/02	14	7.7	90	8.5	0.03	0.007	119	0	no data	no data	6.06	sunny, warm	clear	low	slow		none
2 Bethesda	11/14/02	no data	7.6	80	11.5	0.14	0	238	30	no data	no data	10.15						
2 Bethesda	01/23/03	0	7.75	90	14	0.45	0.026	119	5	no data	no data	8.09	very cold, windy	frozen	normal	quick		
2 Bethesda	02/20/03	5	no data	no data	13	0.82	0	122.5	5	no data	no data	n/a	high 30's	frozen	higher			
3 Bethesda	09/05/02	20	7.6	70	8.5	0	0.017	102	5	no data	no data	6.11	clear, warm	clear	low			none
3 Bethesda	09/26/02	20	7.4	65	8.5	0	0.02	110.5	7.5	no data	no data	6.65	sunny, past rain		higher			none
3 Bethesda	12/12/02	1	7.7	80	14.5	4.4	0	136	7.5	no data	no data	46.95	cold	ice on banks	high	fast		none
3 Bethesda	01/30/03	0	7.7	no data	13	0.55	0.077	127.5	5	no data	no data	n/a	clear, sunny	frozen banks	low	fast		
3 Bethesda	03/25/03	5	7.65	75	12	0.635	0.015	110.5	10	no data	no data	11.38	clear	clear	0.91	fast		
3 Bethesda	05/01/03	18	7.45	50	no data	3.6	0	93.5	0	no data	no data	n/a	sunny, 60's	clear	low	n/a		
3 Bethesda	05/22/03	14.5	7.7	50	10.5	0.65	0	136	2.5	no data	no data	11.25	clear	clear	normal	fast		
5 Cambridge Springs (12:15)	02/03/03	3.5	7.25	140	9	no data	0.667	85	20	no data	0.2	n/a	snow		0.33	10		none
5 Cambridge Springs (12:20)	02/03/03	4	7.25	120	14	1	0.036	93.5	7.2	no data	0.3	14.18	rain, snow	partly frozen	0.40	1		none
5 Cambridge Springs (3:00)	02/03/03	6	7.3	115	5.5	0.27	0.15	110.5	10	no data	no data	14.70	warmer	runoff visible	normal			none
5 Cambridge Springs (12:00)	01/31/03	5	7.3	105	5	0.15	0.02	34	no data	0.3	no data	n/a	fair	runoff visible	higher	1		
5 Cambridge Springs (3:00)	01/31/03	6	7	140	11	no data	no data	no data	no data	no data	no data	n/a		clear	higher	faster		
5 Cambridge Springs (12:00)	01/05/03	3	6.9	110	9.3	0.13	0.02	43	20	no data	no data	n/a	snow	icy	1.10	1.5		
5 Cambridge Springs	03/06/03	1	7.6	105	11	0.9	no data	27.2	5	no data	no data	n/a	snow	clear	0.80	0.75		
5 Cambridge Springs	03/09/03	2	6.35	75	11.5	1	0.07	27.2	10	no data	no data	24.20	rain		1.90	0.7		
5 Cambridge Springs (12:15)	03/10/03	3	6.4	70	11.5	0.01	0.33	85	10	no data	no data	17.80	some snow		1.90	7		
5 Cambridge Springs (3:00)	03/10/03	3	6.85	95	6.5	no data	no data	68	22.5	no data	no data	n/a	cold, snowy		1.80	1.66		
6 Saegertown	11/01/02	10	8	140	13	0.01	no data	97	no data	no data	no data	n/a	Windy, cold, wet		0.70	0.5	14.8	none
6 Saegertown	12/20/02	5	7.2	80	12	no data	0.01	76	20	no data	no data	n/a	self,melting rain	Greenish brown	1.40	1.6	98.6	none
6 Saegertown	01/24/03	no data	7.9	120	13.5	0.3	no data	110.5	5	no data	no data	n/a	snow, cold	Greenish brown	normal			none
6 Saegertown	02/07/03	no data	7.9	85	12.5	0.2	no data	102	5	no data	no data	n/a	cold/snow	Greenish brown	normal			none
7 Allegheny College	09/11/02	23.5	8.5	140	8	0.075	0.026	178.5	5	no data	0.2	14.54	warm/windy	algae	low			none
7 Meadville HS	10/09/02	13	7.4	160	9	0.15	0.02	74	5	no data	no data	7.30	cold, cloudy	clear	low			
7 Meadville HS	11/12/02	9	7.7	90	7	0.1375	0.029	94	20	no data	no data	12.51	Storm past, temps dropping	cloudy, full of leaves	high	fast		
7 Meadville HS	11/26/02	2	7.8	75	12	0.9	0.007	85	12.5	no data	no data	15.61	cold, cloudy, drizzle, rain	full of leaves	normal	fast		

Site # /School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₃ -N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s
7 Meadville HS	12/17/02	no data	7.9	80	11	0.2	0.021	81	15	no data	no data	n/a	light snow, drizzle, less clouds, warmer	cloudy, full of leaves	high	fast		
7 Meadville HS	01/31/03	2	7	90	13	0.04	0.013	102	12.5	no data	no data	8.00	drizzle, cooler	cloudy	normal			
7 Meadville HS	03/19/03	8	7.85	60	19	0.6	0.083	93.25	18.75	no data	no data	10.50	cooler and cloudy	muddy	high	fast		
9 Sherman	09/24/02	19.1	no data	no data	9.5	0	0.033	no data	12.5	no data	no data	n/a	no rain	clear	low			none
9 Sherman	10/08/02	13.9	7.8	200	7.5	0.005	0	170	12.5	no data	no data	9.70	Windy, colder, no rain	clear	average	slow		none
9 Sherman	10/29/02	6.15	7.85	130	7.5	0	0	127.5	17.5	no data	no data	11.05	light rain, snow	murky	lower			none
9 Sherman	03/04/02	1.8	8.3	130	12	0	0.0633	93.5	12.5	no data	no data	11.45	clear, cold	frozen				
12 Parker middle (9:00)	09/05/02	16	no data	125	7	0.12	no data	144.5	5	no data	no data	n/a	warm/ partly cloudy	clear	shallow			none
12 Parker Middle (9:20)	09/05/02	16	8.55	105	no data	no data	0	161.5	5	no data	no data	n/a	sunny	clear	shallow			none
12 Parker Middle (9:55)	09/05/02	10.5	8.3	150	10	0.275	0	144.5	12.5	no data	no data	14.65	sunny	clear	shallow	slow		none
12 Parker Middle (8:30)	09/26/02	13.75	8.6	150	11.5	no data	0	178.5	5	no data	no data	n/a	cool, no rain	clear	slightly higher	slow		none
12 Parker Middle (9:15)	09/26/02	10	7.9	140	12	0.26	0	144.5	2.5	no data	no data	7.90	cold, no rain	clear	slightly higher			none
12 Parker Middle (9:50)	09/26/02	11	8.4	145	12	0.0265	0	144.5	5	no data	no data	10.07	cool, clear	clear	low	slow		none
12 Parker Middle (9:15)	10/17/02	7	8.3	110	12	no data	no data	no data	5	no data	no data	n/a	rainy	leaves	higher			none
12 Parker Middle (8:30)	10/18/02	6.25	8.1	110	10	0.25	0.006	119	0	no data	no data	10.39	rainy/ frost, cold					none
12 Parker Middle (10:00)	10/18/02	8	8.2	105	15	0.17	0	136	10	no data	no data	8.80	rainy, cold		lower			none
12 Parker Middle	11/07/02	2	9	70	13	1	0	110.5	5	no data	no data	23.90	cold		higher			none
12 Parker Middle (9:05)	11/07/02	n/a	8.8	70	11	2.85	0.006	153	0	no data	no data	41.29	rain	clear, running	normal			none
12 Parker Middle (9:50)	11/07/02	n/a	6.9	90	12	0.1	0.03	123.5	0	no data	no data	7.85	sunny	clear, foliage	higher			none
12 Parker Middle (8:25)	01/09/03	0	7.45	85	8.5	0.24	0	84	0	no data	no data	6.85	snow		normal			
12 Parker Middle (9:15)	01/09/03	3	7.8	115	9	0.2	0.038	119	7.5	no data	no data	10.17	above freezing		normal			
12 Parker Middle (9:50)	01/09/03	1	8.25	100	11	0.1	0.013	136	25	no data	no data	14.50	snow melting		normal			
12 Parker Middle (8:20)	02/20/03	-1	9.3	125	14.5	no data	0.007	102	7.5	no data	no data	n/a		frozen parts				
13 Parker Middle (8:45)	09/05/02	17.75	8.15	100	4.5	0.2	no data	187	10	no data	no data	n/a	rain		normal			
13 Parker Middle (10:00)	09/05/02	18.5	9.15	475	8.5	8.8	0	170	no data	no data	no data	n/a	clear	mostly calm	higher	fast		
13 Parker Middle (9:22)	09/06/02	18	7.95	90	no data	no data	0.05	136	15	no data	no data	n/a	cloudy	clear, stagnant	normal			
13 Parker Middle (8:00)	09/26/02	14.25	7.6	125	6.5	5	0	127	5	no data	no data	57.25	no rain		normal			
13 Parker Middle (9:15)	09/26/02	15	7.9	115	6	10	75	136	15	no data	no data	1237.00	cool/cloudy	stagnant	normal			
13 Parker Middle (10:00)	09/26/02	15.5	7.3	110	4	2.3	0.016	153	12.5	no data	no data	34.54	cool/dry	stagnant	4.5"			
13 Parker Middle (8:40)	10/18/02	13.5	7.95	430	no data	>1.0	0.04	85	15	no data	no data	n/a	light rain			flowing		
13 Parker Middle (9:15)	10/18/02	10	7.8	250	no data	no data	no data	68	10	no data	no data	n/a	rain		normal	moderate		
13 Parker Middle (9:55)	10/18/02	10	7.8	140	10	0.1	no data	110.5	5	no data	no data	n/a	rain		low			
13 Parker Middle (8:35)	11/07/02	4.25	8.45	125	11	0.59	0.3	161.5	7.5	no data	no data	21.80	rain	unfrozen	higher			
13 Parker Middle (9:15)	11/07/02	3.5	8.7	100	11	5.5	0.08	108.8	17.5	no data	no data	71.60	rain	murky	low			
13 Parker Middle	11/07/02	4.5	8.15	100	10.5	0.15	0.035	187	20	no data	no data	13.88	cold	murky	low	slow		
13 Parker Middle (9:05)	01/09/03	2.5	8.2	195	12	0.025	0	110.5	10	no data	no data	9.45	some snow	still	lower	slow		
13 Parker Middle (9:55)	01/09/03	2	8.2	210	9	0.675	0.165	119	27.5	no data	no data	24.03	snow		higher			
13 Parker Middle (8:30)	01/10/03	2	7.5	165	11.5	0.39	0.025	119	5	no data	no data	7.23	cloudy, cold	calm	3"			
15 Conneaut Lake High	05/21/03	11.5	no data	81	9.5	no data	0.009	64.5	5	<50	0.5	n/a	light rain/ cool	clear	normal			
16 Conneaut Lake High	09/11/02	19	7	235	4	10	35	145	23	9	0.2	640.80	hot/humid	turbid	very low			
16 Conneaut Lake High	11/13/02	8	9	1100	7	0.08	0.1	136	20	<50	0.13	23.40	rain	cloudy	normal			
16 Conneaut Lake High	12/11/02	9	7.9	30	7	0	0.007	93.5	5	<50	0.03	9.41		partial frozen				
16 Conneaut Lake High	01/15/03	2	7.4	20	17	0	0	76.5	0	0	0	-1.10	snow	frozen, snow				
16 Conneaut Lake High	01/29/03	1	7.5	130	8	0	0	102	10	0	0.152	6.40	snow, cold	frozen	higher			
16 Conneaut Lake High	02/05/03	3	8	60	11.5	0.005	0	68	5	0.14	0.001	7.00	snow	partial frozen				
16 Conneaut Lake High	03/12/03	6	8.4	100	8	0.08	0.0045	119	27.5	<50	0.1	17.97	rain/snow	clear	higher			
17 Conneaut Lake High	11/13/02	8	9	110	7	0.08	0.1	136	40	13	0.13	27.40	cold/rain	turbid	higher			
18 Conneaut Lake High	10/15/02	15	7	90	11	0.5	0.3	8.5	25	no data	no data	20.80			higher			
18 Conneaut Lake High	11/12/02	10	7.2	110	14	no data	3.3	85	5	no data	no data	n/a	thunderstorm	calm	higher			
18 Conneaut Lake High	02/25/03	4	7.6	110	16.5	0.01	0.667	102	no data	no data	no data	n/a	snow	frozen, snowy	normal			
18 Conneaut Lake High	03/18/03	2	7.65	20	13	0.01	0.2	34	no data	no data	no data	n/a	cold, snow	frozen	normal			
18 Conneaut Lake High	04/22/03	10	7.3	100	6	no data	2	68	no data	no data	no data	n/a	cold, rain	cloudy brown	normal			
19 Clymer Central	09/16/02	21	8	no data	9	no data	no data	227	25	no data	no data	n/a			normal			
19 Clymer Central	10/07/02	16	8.5	170	13	no data	no data	221	25	no data	no data	n/a	no rain		0.50	0.022		
19 Clymer Central	12/02/02	4	7.1	80	15	0.2	no data	11	35	no data	no data	n/a	cold	2/3 frozen				
22 Cochranon (1:15)	10/02/02	20.8	7.4	322.5	5.6	10.5	0.62	9.8	53	no data	no data	131.78	dry	dark	higher	faster		
22 Cochranon (1:15)	03/18/03	6.5	5.4	93	11	0.18	0.03	no data	121	no data	no data	n/a	dry, calm, 70's	muddy/ turbid	High	Fast		

23 Cochranon (2:32)	10/02/02	20.5	9	161	8	2.7	0.045	10.1	7.5	no data	no data	45.58	dry	clear	normal	0.28		PTI 48.6
23 Cochranon	09/24/02	12.7	7.1	234.4	no data	0.9	0.16	no data	5	no data	no data	n/a	dry	clear	normal	0.15		
23 Cochranon	10/15/02	8.7	7.6	177	7	0.43	0.1	no data	5.3	no data	no data	n/a	rain, air temp= 18.4	clear	normal	0.3		
Site # /School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₃ -N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s
23 Cochranon	03/17/03	5	5	900	13	no data	0.1	no data	105	no data	no data	n/a	temp 70s, dry	Muddy/turbid	high			
23 Cochranon	03/18/03	9	6.1	70.8	11	0.22	0.035	no data	55	no data	no data	n/a	hot & dry	muddy	high	fast		
25 Meadville Middle	09/19/02	21	7.9	205	8	0.24	0.03	42.5	12.5	no data	no data	12.95	dry		low			
25 Meadville Middle	10/03/02	8	6.95	195	10.5	0.16	0.0035	68	12.5	no data	no data	11.20	snow/rain	clear	higher	faster		
25 Meadville Middle	10/10/02	15	7.2	200	8.5	0.47	0	68	7.5	no data	no data	12.65	dry		low			
25 Meadville Middle	11/21/02	5.5	7	160	12.5	0.035	0	77	15	no data	no data	8.60	rain	clear	higher	fast		
25 Meadville Middle	12/12/02	1.5	7.15	175	14.5	0.2	0.04	144.5	5	no data	no data	6.25	snowmelt		high	fast		
25 Meadville Middle	01/09/02	2	6.7	105	14	0.12	0	34	10	no data	no data	9.80	snowmelt		high	fast		
25 Meadville Middle	01/31/03	0	7.6	80	15	0.23	0	34	10	no data	no data	4.60	cold, snow	frozen	normal			
25 Meadville Middle	03/06/03	0	7	100	14	0.14	0	76.5	22.5	no data	no data	10.10	cold, snow melt		high	fast		
26 Meadville Middle	09/19/02	17	7.5	280	6	0.1	0.007	85	7.5	no data	no data	8.41	dry		low			
26 Meadville Middle	10/10/02	10	7.05	265	8.5	0.09	0.05	85	5	no data	no data	10.30	dry		low			
26 Meadville Middle	10/31/02	4	6.8	195	10	0.4	0.03	93.5	0	no data	no data	13.05	snow/rain		high	faster		
26 Meadville Middle	11/21/02	5	6.85	160	10.5	0.1	0.01	102	5	no data	no data	10.00	rain		high	fast		
26 Meadville Middle	12/12/02	1.5	6.7	170	14.5	0.24	0.06	42.5	10	no data	no data	11.55	snowmelt		high	fast		
26 Meadville Middle	01/09/03	2	6.85	90	10.5	0.13	0	68	10	no data	no data	11.15	snowmelt		high	fast		
26 Meadville Middle	01/31/03	0	7.25	75	13.5	0.15	0.1	54.5	10	no data	no data	7.55	cold, snow	frozen	normal			
26 Meadville Middle	03/06/03	0	6.85	90	11.5	0.29	0	34	5	no data	no data	11.05						
28 Fort LeBoeuf	09/03/02	25	8.3	165	14.5	0.01	0.06	110.5	5	no data	no data	8.25	clear		low			Hardness:213.75mg/L
28 Fort LeBoeuf	09/11/02	23.5	8.75	160	13	0.015	0.055	102	5	no data	no data	12.88	hot/sunny	clear	normal	slow		Hardness: 171.0mg/L
28 Fort LeBoeuf	09/15/02	20	7.3	155	9	0.15	0.01	119	6.25	0	0	8.20	rain	clear	0.85			
28 Fort LeBoeuf	09/23/02	21.5	8.6	160	13.5	0.08	0.05	85	2.5	<50	0	11.40	rain	clear	normal			Hardness: 222.3 mg/L
28 Fort LeBoeuf	10/08/02	18.5	8.65	140	10.5	0.3	no data	77	12.5	no data	no data	n/a						Hardness:213.8 mg/L
28 Fort LeBoeuf	10/15/02	14	8.9	145	14	0.225	0.263	93.5	12.5	no data	no data	20.10						
28 Fort LeBoeuf	10/18/02	13	8.8	130	11	0.38	0.09	11.5	5	no data	no data	18.85						
28 Fort LeBoeuf	12/18/02	6.35	7.55	14	14	0.51	0.73	51	no data	55	no data	n/a	snowmelt	dark brown	high			
28 Fort LeBoeuf	01/09/03	5	7	90	14	0.2	no data	85	5	<50	no data	n/a	cold, snow	clear	high	fast		Hardness: 136.8 mg/L
28 Fort LeBoeuf	02/28/03	0.4	8.3	100	18	0.6	0.4	129	5	no data	no data	16.80	light snow	part frozen	1.08			
32 Seneca High School	02/27/03	1	7.4	95	6	0.001	0.007	68	no data	no data	no data	n/a	sun/snow	clear/frozen	normal			
33 Parker Middle School (8:30)	09/05/02	15.5	7.8	no data	7.5	0.65	0	153	7.5	no data	no data	15.15						
33 Parker Middle School (9:25)	09/05/02	no data	7.9	130	no data	0.28	0.01	144.5	5	no data	no data	n/a	cloudy	stagnant		low		
33 Parker Middle School (10:04)	09/05/02	no data	8	220	no data	0.2	0	170	10	no data	no data	n/a	dry	calm	low	slow		
33 Parker Middle School	09/26/02	13	7	205	8	no data	no data	no data	no data	no data	no data	n/a	sunny	stagnant	normal			
33 Parker Middle School	09/26/02	12	7.6	210	11	0.18	0	195.5	7.5	no data	no data	6.40	clear	murky	0.50	slow		
33 Parker Middle School	09/26/02	14	8	200	10	0.2	0	170	0	no data	no data	9.00	cloudy	muddy	high			
33 Parker Middle School	10/18/02	10	8	170	11	0.2	0.006	144	15	no data	no data	11.39	rain	stagnant	high			
33 Parker Middle School	10/18/02	10.5	no data	175	no data	no data	no data	170	no data	no data	no data	n/a						
33 Parker Middle School	10/18/02	9.5	8	170	no data	no data	no data	no data	no data	no data	no data	n/a	rain					
33 Parker Middle School (8:30)	11/07/02	5.5	9.65	135	8.5	0	0	102	2.5	no data	no data	21.75	rain, cold		high			
33 Parker Middle School (9:30)	11/07/02	4	8.4	130	11	0.8	0.017	48.6	5	no data	no data	18.76	rain					
33 Parker Middle School (10:00)	11/07/02	4	8.2	130	9.5	0.19	0.023	136	25	no data	no data	16.20	cold	calm	normal			
33 Parker Middle School (8:25)	12/05/02	2.25	7.65	60	13	0.1	0	161.5	5	no data	no data	4.10	Snow/ Cloudy	Clear, Snow	Lower	Slight		
33 Parker Middle School (9:20)	12/05/02	4	7.5	60	12.5	0.65	0.043	127.5	5	no data	no data	9.40	Snow	Clear	Higher			
33 Parker Middle School (10:00)	12/05/02	3	8	60	12.5	0.2	0	153	0	no data	no data	7.25	Snow	Clear	Lower			
33 Parker Middle School (8:30)	01/09/03	1.5	7.45	130	12.5	0.45	0	68	5	no data	no data	7.15	snow	brown	normal			
33 Parker Middle School (9:18)	01/09/03	2.5	7.6	130	11.5	0.4	0	127.5	5	no data	no data	7.75	snow	brown	normal			
33 Parker Middle School	01/09/03	2	8.5	130	9	0.45	0	153	5	no data	no data	17.20	snow	clear	normal			
33 Parker Middle School (8:35)	02/20/03	0.5	8.6	140	11.5	0	0	127.5	10	no data	no data	12.75	cold					
33 Parker Middle School (9:58)	02/20/03	2	8	160	10	0	0.076	119	0	no data	no data	8.14	snowy	clear /ice	higher			
35 Meadville HS	10/09/02	12	7.5	245	12	0.0325	0.013	110.5	5	no data	no data	3.12	cold, partly cloudy	clear	0.025	0.11	0.014	
35 Meadville HS	11/12/02	9	6.9	185	11	0.195	0.024	93	12.5	no data	no data	11.91	Clearing storm, cooler		0.05	0.26	0.065	

35 Meadville HS	11/26/02	4	7.1	185	11	0.235	0.0135	61	5	no data	no data	9.05	colder, cloudy, drizzle, snow	clear	0.10	0.357	0.179	
35 Meadville HS	12/17/02	1	7.3	165	13	0.39	0.018	68	7.5	no data	no data	8.17	light snow, drizzle, warmer	clear	High	Fast		
35 Meadville HS	01/31/03	1	7	90	14	0.1	0.07	85	5	no data	no data	7.25	drizzle, cooler	fairly clear	lower			
Site # /School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₃ -N (mg/L)	P (mg/L)	Aik (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s
35 Meadville HS	03/19/03	no data	7.15	100	11.5	0.425	0.043	87.8	5	no data	no data	10.65	cooler	fairly clear	0.15	4.69	3.52	
36 Conneaut Valley (1:45)	9/10/2002	21.9	7.4	160	8.7	0.3	0.01	85	5	no data	no data	8.86	sunny,28.9	low flow/turbid	lower	0.12	0.07	
36 Conneaut Valley (1:25)	9/24/2002	16.1	7.8	160	9.03	0.12	0.02	102	5	no data	no data	8.58	cloudy,22	low flow/turbid	0.20	0.09	0.04	
36 Conneaut Valley (1:30)	10/8/2002	12.4	6.5	150	9.48	0.08	0.03	119	5	no data	no data	13.61	cloudy,15.7	low flow/cloudy	0.20	0.18	0.11	
36 Conneaut Valley (1:30)	10/22/2002	8.8	7.6	150	11.3	0.22	0.01	102	5	no data	no data	6.24	sunny,clear,15.7	semi turbid	0.22	0.24	0.16	
36 Conneaut Valley (1:30)	11/5/2002	5.7	7.7	145	14.73	0.18	0.03	102	5	no data	no data	4.54	cloudy,cold,9.8	semi turbid	0.25	0.37	0.27	
36 Conneaut Valley (1:30)	11/19/2002	4.7	6.7	130	13.45	1.04	0.03	68	5	no data	no data	18.84	light rain,10	semi turbid	0.36	0.85	0.82	
36 Conneaut Valley (1:30)	12/3/2002	0.8	7.4	120	14.9	0.52	0	102	5	no data	no data	6.57	snow/cold,1.9	turbid/ice	0.33	0.73	0.64	
36 Conneaut Valley (1:29)	12/17/2002	1.7	7	100	11.78	0.94	0.03	85	5	no data	no data	16.60	sunny, cold, 5.7	turbid	0.37	1.31	1.31	
36 Conneaut Valley (1:30)	1/7/2003	0.8	7	90	11.38	0.44	0.03	119	5	no data	no data	11.88	snow, windy, 1.5	clear	0.30	0.73	0.64	
36 Conneaut Valley (1:30)	1/28/2003	0.15	6.4	105	7.3	0.72	0.16	85	5	no data	no data	24.29	cold, snow, -7.0	ice covered	0.28	0.27	0.24	
36 Conneaut Valley (1:30)	2/11/2003	0.1	6.4	90	11	0.6	0.02	68	5	no data	no data	18.40	cold, snow, -10.0	ice covered	0.29	0.52	0.47	
36 Conneaut Valley (1:30)	2/26/2003	0.1	7.3	70	10.05	0.3	0.02	68	5	no data	no data	8.87	cold, snow, -9.5	partial ice	0.38	0.78	0.90	
36 Conneaut Valley (1:30)	3/11/2003	0.2	6.3	60	12.92	0.54	0.05	68	5	no data	no data	17.71	cold, snow, -5.9	partial ice	0.45	0.4	0.56	
36 Conneaut Valley (1:30)	3/25/2003	7.2	6.5	75	10.21	0.54	0.12	68	5	no data	no data	19.05	warm, windy, 13.7	freely flowing	0.38	0.65	0.77	
36 Conneaut Valley (1:30)	4/8/2003	3.6	6.5	45	8.88	0.16	0.06	51	10	no data	no data	16.28	light rain, 4.3	turbid	0.45	1.34	1.88	
36 Conneaut Valley (1:30)	4/22/2003	11.5	7	90	8.71	0.26	0.01	68	5	no data	no data	11.65	cloudy, cold, 7.2	clear	0.44	0.94	1.29	
36 Conneaut Valley (1:30)	5/6/2003	10.6	7.1	60	8.85	0.12	0.07	34	20	no data	no data	13.26	windy, 1-storms, 13.7	very turbid	0.75	1.44	3.37	
37 Conneaut Valley (2:00)	9/10/2002	21.2	7.3	175	8.38	0.02	0.01	102	5	no data	no data	7.08	sunny, 30.9	semi turbid	0.68	0.12	0.44	
37 Conneaut Valley (1:58)	9/24/2002	16.4	7.5	175	9.91	0.01	0.01	170	5	no data	no data	4.31	partly cloudy	semi turbid	0.59	0.15	0.51	
37 Conneaut Valley (1:45)	10/8/2002	12.8	6.9	180	10.32	0.02	0.01	102	5	no data	no data	8.93	partly cloudy, 16.3	clear	0.45	0.15	0.44	
37 Conneaut Valley (1:50)	10/22/2002	9.9	8	160	11.42	0.05	0.02	119	5	no data	no data	7.81	sunny,clear,18.2	semi turbid	0.65	0.24	0.82	
37 Conneaut Valley (1:45)	11/5/2002	6.3	7.5	155	15.35	0.32	0.02	85	5	no data	no data	3.76	partly cloudy, 8.6	semi turbid	0.73	0.37	1.58	
37 Conneaut Valley (1:45)	11/19/2002	5	7.3	120	13.45	0.39	0.01	68	5	no data	no data	7.24	light rain, cold 9.6	semi turbid	0.77	1.98	9.38	
37 Conneaut Valley (1:45)	12/3/2002	0.3	7.7	120	15.7	0.37	0	119	5	no data	no data	5.31	snow, cold, 1.9	partial ice	0.82	0.61	2.98	
37 Conneaut Valley (1:48)	12/17/2002	1.6	7	90	11.91	0.49	0.01	102	5	no data	no data	11.71	sunny, cold, 3.4	turbid	0.80	1.71	1.71	
37 Conneaut Valley (1:45)	1/7/2003	0.7	7.2	90	11.6	0.59	0.02	85	5	no data	no data	11.48	snow, windy, 1.1	clear	0.78	0.61	2.98	
37 Conneaut Valley (1:45)	1/28/2003	0.25	6.5	110	10.38	0.34	0.24	85	5	no data	no data	18.73	snow, cold, -6.0	ice covered	0.68	0.36	1.78	
37 Conneaut Valley (1:45)	2/11/2003	1	6.1	90	11	0.46	0.02	85	5	no data	no data	19.40	snow, cold, -8.8	ice covered	0.70	0.64	3.27	
37 Conneaut Valley (1:45)	2/26/2003	0.1	6.3	70	11.36	0.42	0.08	68	5	no data	no data	18.05	cold, snow, -8.4	partial ice	0.85	0.64	3.96	
37 Conneaut Valley (1:45)	3/11/2003	0.1	6.4	70	11.92	0.46	0.07	51	5	no data	no data	17.11	cold, snow, -4.3	partial ice	0.85	0.33	2.04	
37 Conneaut Valley (1:45)	3/25/2003	7.3	6.5	75	9.49	0.22	0.14	51	5	no data	no data	16.66	warm, windy, 14.3	freely flowing	0.78	0.49	2.79	
37 Conneaut Valley (1:45)	4/8/2003	3.5	6.7	50	10.96	0.12	0.01	51	10	no data	no data	12.08	light rain, cloudy, 4.1	turbid	1.15	0.96	0.84	
37 Conneaut Valley (1:45)	4/22/2003	11.6	6.9	90	9.04	0.14	0.03	68	5	no data	no data	11.32	cold, light rain, 7.8	turbid	0.86	0.76	4.76	
37 Conneaut Valley (1:45)	5/6/2003	11	6.8	50	7.48	0.1	0.01	51	50	no data	no data	21.51	windy, 1-storms, 14.3	very turbid	1.85	0.7	9.44	
38 Conneaut Valley (2:19)	9/10/2002	21.5	7.7	195	6.09	0.43	0.09	119	10	no data	no data	14.99	sunny	semi turbid	0.71	0.09	0.55	
38 Conneaut Valley (2:19)	9/24/2002	16.7	7.6	195	7.63	0.29	0.02	119	5	no data	no data	9.66	partly cloudy	semi turbid	0.70	0.03	0.18	
38 Conneaut Valley (2:10)	10/8/2002	13.2	7.1	195	8.48	0.3	0.11	85	5	no data	no data	12.91	partly cloudy	clear	0.68	0.06	0.35	
38 Conneaut Valley (2:08)	10/22/2002	9.9	8	150	10.35	0.4	0.04	85	5	no data	no data	12.36	sunny clear, 16.4	semi turbid	0.85	0.28	2.06	
38 Conneaut Valley (2:02)	11/5/2002	6	7.4	140	13.95	0.2	0.01	85	5	no data	no data	4.19	partly cloudy	semi turbid	1.11	0.15	1.38	
38 Conneaut Valley (2:05)	11/19/2002	4.9	7.6	120	13.16	0.48	0.01	85	5	no data	no data	7.54	light rain, cold 7.9	semi turbid	0.98	0.61	5.54	
38 Conneaut Valley (2:04)	12/3/2002	0.5	7.7	115	14.64	0.4	0.01	102	5	no data	no data	6.50	snow, cold, -3.1	partial ice	1.05	0.27	2.15	
38 Conneaut Valley (2:11)	12/17/2002	1.7	7.6	90	11.44	0.43	0.01	102	5	no data	no data	8.24	snow, cold, 3.4	turbid	1.03	0.82	0.82	
38 Conneaut Valley (2:05)	1/7/2003	0.6	7.4	90	12.33	0.46	0.03	85	5	no data	no data	8.22	snow, windy	clear	1.07	0.27	2.15	
38 Conneaut Valley (2:05)	1/28/2003	0.2	6.5	130	9.2	0.5	0.14	85	5	no data	no data	19.66	snow, cold, -6.4	ice covered	0.88	0.21	1.75	
38 Conneaut Valley (2:05)	2/11/2003	0	6.3	100	12	0.5	0.06	102	5	no data	no data	18.10	snow, cold, -8.5	ice covered	0.75	0.27	2.15	
38 Conneaut Valley (2:05)	2/26/2003	0.1	6.4	80	14.13	0.37	0.05	51	5	no data	no data	14.36	cold, snow, -9.9	partial ice	0.85	0.21	1.75	
38 Conneaut Valley (2:05)	3/11/2003	0.1	6.9	80	13.66	0.34	0.01	68	5	no data	no data	9.79	cold, snow, -3.2	partial ice	0.78	0.23	1.70	
38 Conneaut Valley (2:05)	3/25/2003	7.6	6.5	80	8.25	0.34	0.15	68	5	no data	no data	18.88	warm, windy, 13.9	freely flowing	0.80	0.43	3.25	

38 Conneaut Valley (2:05)	4/8/2003	3.4	6.9	50	10.86	0.32	0.03	68	10	no data	no data	12.85	light rain, 4.7	turbid	1.40	0.28	0.37	
38 Conneaut Valley (2:05)	4/22/2003	12.3	7.1	90	9.72	0.18	0.01	51	5	no data	no data	9.35	cold, light rain, 6.6 windy, 1-storms, 16.5	turbid	0.97	0.3	2.75	
38 Conneaut Valley (2:05)	5/6/2003	11.1	6.8	55	9.3	0.08	0.01	17	50	no data	no data	20.04		very turbid	1.90	0.5	8.99	
39 General McLane	9/30/2002	17	8.2	125	9.5	0.03	0.0067	204	5	no data	no data	10.35	sunny, rain	clear	lower			
39 General McLane	10/18/02	8.5	7	105	11	0.025	0	127.5	0	no data	no data	6.55						
Site # /School	Date	(°C)	pH	(mg/L)	(mg/L)	(mg/L)	P (mg/L)	(mg/L)	(JTU)	(mg/L)	(mg/L)	value	48 hr	Appearance	(m)	(m/s)	(m ³ /s)	Other test/s
39 General McLane	11/4/2002	6	7.15	100	11.5	no data	0.0013	102	5	no data	no data	n/a	snow,rain	cloudy	lower			
39 General McLane	12/06/03	1.5	7.55	80	11	0.025	no data	76.5	10	no data	no data	n/a	snow	normal/clear				
39 General McLane	02/10/03	2	8.65	80	12	0.315	no data	102	no data	no data	no data	n/a	snow	clear				
39 General McLane	03/14/03	no data	7.45	90	15	no data	0.013	119	5	no data	no data	n/a	cold,snow	half frozen	higher			
39 General McLane	03/18/03	12	7.8	40	11	no data	0.033	136	10	no data	no data	n/a	sunny,clear		higher	faster		
40 General McLane	09/26/02	17	7.95	180	4	0	0	178.5	20	no data	no data	14.80	clear					
40 General McLane	10/03/02	20	7.75	150	14	0	0	127.5	5	no data	no data	3.20	cloudy, cold					
40 General McLane	10/24/02	10	7.85	180	4.5	0	0	110.5	5	no data	no data	10.65						
40 General McLane	11/27/02	4	7.15	85	12.5	0	0	51	7.5	no data	no data	5.55	cold, snow, rain					
40 General McLane	01/09/03	0	8	100	11.5	0	0	51	5	no data	no data	6.95	warmer, dry					
40 General McLane	03/19/03	5	7.7	50	14	0	0	34	15	no data	no data	4.80	cold, snow					
40 General McLane	03/26/03	10	8.2	90	10	0	0	51	10	no data	no data	10.60	bright, sunny					
40 General McLane	04/29/03	20	7.95	70	10	0	0.33	34	10	no data	no data	13.55	sunny, wind					
41 Cam. Springs HS (Dzurko)	10/18/02	11.5	7.5	no data	11	0.25	0.133	110.5	10	no data	no data	8.80	cool, cloudy, light rain	clear/brown	higher			
41 Cam. Springs HS (Dzurko)	11/26/02	5.25	7.35	no data	12	0.33	0.066	119	7.5	no data	no data	8.59	cool/cloudy	clear/brown	lower			
41 Cam. Springs HS (Dzurko)	12/10/02	1.75	7.7	no data	11.5	0.07	0	136	5	no data	no data	5.25	cold/sunny	over/green	normal	n/a	n/a	
41 Cam. Springs HS (Dzurko)	01/14/03	1.25	7.5	150	13.5	0.45	0.008	102	7.5	no data	no data	6.67	cold,flurries	Frozen over	normal			
41 Cam. Springs HS (Dzurko)	02/18/03	2	7.6	130	12	0.2	0.04	105	10	no data	no data	7.00	cold/snow	mostly frozen	normal			
41 Cam. Springs HS (Dzurko)	03/18/03	3	7.4	140	12	0.2	0.1	110.5	12.5	no data	no data	8.40						
43 Maplewood JR/SR HS	10/21/02	10	7.25	no data	11	0.085	0.035	85	5	no data	no data	6.68	warm, cloudy	clear	normal			
43 Maplewood JR/SR HS	11/27/02	3.75	7.15	no data	14.5	0.11	no data	68	5	no data	no data	n/a	cool/sunny	clear	higher	n/a	n/a	
43 Maplewood JR/SR HS	01/22/03	1	7.7	100	14.5	0.09	no data	85	5	no data	no data	n/a	cold/flurries	mostly frozen	lower			
43 Maplewood JR/SR HS	02/19/03	3.5	7.4	90	12.5	0.05	0.02	70	5	no data	no data	3.85	cold/snowy	mostly frozen	normal			
43 Maplewood JR/SR HS	03/19/03	3.5	7.5	90	13	0.15	0.05	93.5	5	no data	no data	4.15	warmer	clear	high			
43 Maplewood JR/SR HS	04/06/03	12	7.2	70	9.5	0.1	0.03	68	5	no data	no data	8.20	clear, sunny	clear	normal			
44 Saegertown JR/SR HS	10/17/02	11.75	7.6	no data	10.5	0.25	0.2	93.5	15	no data	no data	11.95	cloudy, light rain	clear	higher			
44 Saegertown JR/SR HS	11/25/02	5.5	7.7	no data	11.5	0.27	0.193	85	20	no data	no data	13.15	cool/cloudy	clear/brown	higher			
44 Saegertown JR/SR HS	12/09/02	1	7.7	no data	13	0.095	0.0033	85	7.5	no data	no data	5.00	cold	frozen over/ clear	lower			
44 Saegertown JR/SR HS	01/21/03	1	7.5	80	14	0.15	0.1	110	10	no data	no data	5.20	cold/snow	mostly frozen	normal			
44 Saegertown JR/SR HS	02/21/03	1	7.5	80	14	0.15	0.1	102	10	no data	no data	5.20	cold/snow	frozen	normal	n/a		
44 Saegertown JR/SR HS	03/17/03	2.5	7.6	85	12.5	0.18	0.066	102	15	no data	no data	7.84	warmer	greenish-brown	high			
46 Seneca High School	10/31/02	3.5	7.2	150	10	no data	no data	20.4	5	no data	no data	n/a	snow/rain	normal	normal			
46 Seneca High School	11/20/02	9	8.7	210	8	no data	no data	13.6	5	no data	no data	n/a	clear	normal	normal			
46 Seneca High School	04/03/03	12	7.4	185	13	no data	no data	17.9	5	no data	no data	n/a	clear	normal	normal			
46 Seneca High School	04/24/03	11	7	180	6	no data	no data	34	no data	no data	no data	n/a	rain/snow	clear	normal			
46 Seneca High School	05/08/03	20	7.4	180	10	0.03	no data	20.4	no data	no data	no data	n/a	rain		normal			
47 Youngsville HS	09/27/02	18	6.8	80	9	0.02	no data	no data	27.2	no data	no data	n/a	rain	brown	lower	fast		
47 Youngsville HS	10/18/02	9	6	100	5	0.5	0	136	10	no data	no data	25.50	rain, cold	clear	lower	slow		
47 Youngsville HS	11/01/02	12	7.4	40	18	0.22	0.47	119	5	no data	no data	8.45	snowy, cold		normal			
47 Youngsville HS	12/20/02	15	8.8	40	12	1	0.1	25	20	no data	no data	27.50	rain	murky, leaves	high	fast		
47 Youngsville HS	01/31/03	8	6.8	220	8	2	no data	25	37	no data	no data	n/a	cold/flurries	clear	~1m	normal		
47 Youngsville HS	04/25/03	10	7.1	80	12	0.7	0	51	35	no data	no data	18.80	dry, sunny	clear	2 feet	slower		
47 Youngsville HS	05/23/03	14	6.8	120	9	0	0	124	10	no data	no data	11.30	rain	calm clear	high	n/a		
48 Conneaut Lake High	09/27/02	19	7.2	130	10	2.6	0.3	47.6	15	no data	no data	38.90	light rain		unsure			
48 Conneaut Lake High	10/15/02	11	7.6	155	9	0.1	0.0027	102	5	no data	no data	6.54	clear, sunny	clear	normal			
48 Conneaut Lake High	11/12/02	9	7.25	160	10.5	5.5	no data	136	25	no data	no data	n/a	thunderstorm	turbid	higher			
48 Conneaut Lake High	12/11/02	5.5	7.4	170	12.5	0.335	0.04	119	5	no data	no data	7.00	cloudy, cold	ice covered	normal			
48 Conneaut Lake High	02/18/03	4	7.8	55	12	no data	3.5	51	10	< 50	> 1	n/a	cold, snow	frozen	normal			

48 Conneaut Lake High	03/18/03	2	7.9	85	11.5	0.02	0.023	102	2.5	< 50	> 1	6.20	sunny, warm	partly frozen	higher				
48 Conneaut Lake High	04/18/03	10	7.25	95	12	0	0.05	85	10	< 50	> 1	6.35	rain, T-storms	ice thawed	higher				
49 Cussewago Elementary	10/16/02	10.5	8.05	80	11	0.95	0.0093	68	no data	no data	no data	n/a	rain, cooler	leaves, clear	low	slow			
49 Cussewago Elementary	10/25/02	7.5	8.5	65	12	0.15	0.015	68	no data	no data	no data	n/a	rain, cooler	leaves, clear	normal				
49 Cussewago Elementary	10/30/02	6	8.3	71	12	0.52	0.008	68	no data	no data	no data	n/a	rain/snow	leaves, clear	low	slow			
49 Cussewago Elementary	11/13/02	7	8.9	60	10	0.45	0.00165	85	no data	no data	no data	n/a	cloudy/cool	clear/foamy	higher				
Site # /School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₃ -N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s	
49 Cussewago Elementary	11/27/02	3	8.4	50	12	0.2	0.0053	51	no data	no data	no data	n/a	cold/snow	clear					
49 Cussewago Elementary	12/11/02	1	7.8	50	15	0.52	0.00068	68	no data	no data	no data	n/a	sunny, warmer	frozen, clear	normal				
49 Cussewago Elementary	01/15/03	1	8.4	6	14	0.5	0.00098	59.5	no data	no data	no data	n/a	cold/snowy	mostly frozen					
49 Cussewago Elementary	02/05/03	1	8.9	50	14	0.6	0.00068	68	5	no data	no data	18.41	snowy, rainy	slush all over	higher				
49 Cussewago Elementary	02/19/03	5	8	140	14	0.5	0.00068	51	no data	no data	no data	n/a	snowy/cold	frozen	normal				
50 Conneaut Lake High	10/23/02	12	8	160	10	1	0.03	145	65	10	0.2	30.45	rain	murky, weedy	higher	slow			
50 Conneaut Lake High	11/26/02	5	6.9	130	7	1	no data	85	5	55	0.48	n/a	rain, cold	murky	higher				
50 Conneaut Lake High	12/18/02	2	8.1	115	3.5	0.3	0.02	34	7.5	50	0.2	9.14	clear/ cool	frozen	higher				
50 Conneaut Lake High	01/29/03	0.5	7.75	130	13.5	no data	0.009	59.5	32.5	< 50	0.145	n/a	light snow, 2"	frozen	normal				
50 Conneaut Lake High	02/26/03	no data	6.55	110	9	16	no data	34	10	50	1	n/a	sunny/ cold	frozen	higher				
50 Conneaut Lake High	03/26/03	14.5	8.2	100	11.5	0.04	0.013	102	5	50	0.09	9.14	no data	no ice	very high				
50 Conneaut Lake High	04/23/03	10.5	8.15	105	9.5	no data	0.03	42.5	20	< 150	0.75	n/a	light snow/rain	fairly clear	normal				
51 Sugar Grove Elementary	10/30/02	6	7.1	115	5.5	no data	no data	42.5	no data	no data	no data	n/a	snow, cold	clear	normal	slow			
51 Sugar Grove Elementary	11/20/02	9.3	8.2	80	9	no data	0.3	20.4	no data	no data	no data	n/a	rain	clear	higher	fast			
51 Sugar Grove Elementary	02/21/03	0.5	no data	75	11.5	no data	22.5	20.4	no data	no data	no data	n/a	snow	part frozen	normal				
51 Sugar Grove Elementary	03/31/03	5	no data	60	11	no data	3	20.4	no data	no data	no data	n/a	rain/snow	clear	normal	fast			
52 Cambridge Springs HS (3:00)	11/04/02	4	6.7	100	10	0.02	0.133	47.6	12.5	no data	no data	14.10	snow	frozen	higher				
52 Cambridge Springs HS (12:00)	12/04/02	4	7.45	85	8.5	0.25	0.085	93.5	5	no data	no data	9.23		partly frozen	higher				
52 Cambridge Springs HS (12:00)	12/06/02	4	7.3	90	10	0.14	0.232	83	5	no data	no data	10.48							
52 Cambridge Springs HS (12:00)	12/06/02	5	7.6	70	5	no data	0.03	102	5	no data	no data	n/a	cold		normal	slow			
52 Cambridge Springs HS (3:00)	12/06/02	4	7.4	95	13	1	no data	40	5	no data	no data	n/a	cold/snow	ice/murky	normal	fast			
52 Cambridge Springs HS (3:00)	12/08/02	1	7.85	105	11	0.145	<1	153	10	no data	no data	n/a	snow/frigid	partly frozen	normal				
52 Cambridge Springs HS (3:15)	12/09/02	1	7.85	105	11	0.145	<1	153	10	no data	0.2	n/a	snow/cold	edges frozen	normal	slow			
52 Cambridge Springs HS (12:15)	12/09/02	-1	7.8	80	10.5	1	0.055	5.5	2	no data	no data	n/a	snow	partly frozen	high				
52 Cambridge Springs HS (12:15)	12/09/02	-1	6.9	120	11.5	no data	0.3	161.5	5	no data	no data	n/a	snow	almost frozen	2.20			RCE-115	
52 Cambridge Springs HS (3:00)	12/10/02	1	7.85	105	11	0.145	<1	153	10	no data	0.2	n/a	snow	partly frozen	normal				
52 Cambridge Springs HS (12:15)	01/06/03	3	7.1	80	8.5	0.125	0.185	85	10	no data	no data	13.28	snow	dark, ice	3.10				
52 Cambridge Springs HS (3:00)	01/06/03	4.5	7.45	75	9	0.145	<1	94	17.5	no data	no data	n/a	cool	snow/icy	30.00				
52 Cambridge Springs HS (12:00)	01/08/03	4	7.45	80	10	0.26	0.002	37.4	10	no data	no data	8.03	cold, snow		normal				
53 Clymer Central	11/12/02	10	9.4	85	10	0.1	no data	170	10	no data	no data	n/a	cool/rain		0.50	21			
54 Cambridge Springs HS (12:00)	12/18/02	4	7.45	85	12	0.1	0.103	30.6	17.5	no data	no data	8.05	sunny		normal				
54 Cambridge Springs HS (12:00)	01/03/03	5	7.8	80	7	0.1	1.15	51	no data	no data	no data	n/a	snow/rain		high				
54 Cambridge Springs HS (3:00)	01/03/03	5	7.4	175	12.5	no data	no data	68	5	no data	no data	n/a	snow	Murky	high	rapid			
54 Cambridge Springs HS	03/12/03	5	6.45	95	12	no data	no data	60	5	no data	no data	n/a							
55 Northwestern High School	11/12/02	9.5	6.75	75	10	0.02	0.017	85	12.5	no data	no data	11.96	rain	Deeper	high				
55 Northwestern High School	03/19/03	no data	7.2	no data	12	0.03	0	68	20	no data	no data	n/a	snow melt	over flowing	high				
55 Northwestern High School	03/20/03	2	7.2	no data	12	0.03	0	85	20	no data	no data	n/a	snow melt	over flowing	high				
55 Northwestern High School	03/24/03	2	7.25	no data	11	0.05	0	102	10	no data	no data	n/a	snow melt	over flowing	high				
55 Northwestern High School	03/25/03	4	8	no data	9	0.05	0.013	272	10	no data	no data	n/a	snow melt	over flowing	high				
55 Northwestern High School	03/26/03	4	7.25	no data	10	0.02	0	85	10	no data	no data	n/a	snow melt	over flowing	high				
55 Northwestern High School	04/22/03	no data	7.25	no data	13	0.02	0.017	85	20	no data	no data	n/a	rain	cloudy	high				

Pittsburgh Area Schools

Site # /School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₃ -N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/	
101 Upper St. Clair High	09/19/02	24	8	485	9	0.98	0.26	68	10	no data	no data	23.40	thunderstorm	brownish	normal	moderate			
101 Upper St. Clair High	10/18/02	13.5	7.2	245	10	0.76	0.8	102	5	no data	no data	26.00	cool/rain	greenish-brown	normal	normal			
101 Upper St. Clair High	11/14/02	12	7.65	310	13	0.58	0.23	136	5	no data	no data	12.35	clear/cool	clear	normal	normal			
101 Upper St. Clair High	12/19/02	6	7.1	260	12	0.77	0.29	102	10	no data	no data	18.85	cool/no rain	clear	higher	faster			

Site # /School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₃ -N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
101 Upper St. Clair High	02/20/03	6	7.6	460	13	0.9	0.233	170	10	no data	no data	16.20	flurries, cool	frozen edges	higher	faster		
101 Upper St. Clair High	03/13/03	6	7.6	460	13	0.9	0.233	170	10	no data	no data	16.20	cold/snow flurries	clear	higher	faster		
102 Upper St. Clair High	09/19/02	24	7.75	450	8	0.92	0.73	68	10	no data	no data	28.55	thunderstorm	muddy	higher	faster		
102 Upper St. Clair High	10/18/02	13	7.6	260	12	0.24	0.68	119	10	no data	no data	17.00	cool/rain	greenish-brown	normal	slower		
102 Upper St. Clair High	11/14/02	11	7.5	315	13	0.8	0.17	119	10	no data	no data	13.45	clear/cool	greenish	higher	faster		
102 Upper St. Clair High	12/19/02	5	7	265	12	0.65	0.53	102	10	no data	no data	22.05	cool/no rain	greenish	higher	faster		
102 Upper St. Clair High	02/20/03	5	7.3	440	12	0.8	0.045	153	15	no data	no data	14.88	cold/snow flurries	murky-greenish	higher	faster		
103 Upper St. Clair High	09/19/02	25	8.45	320	10	0.08	0.126	136	5	no data	no data	14.29	thunderstorm	clear	lower	moderate		
103 Upper St. Clair High	10/18/02	12	8.1	335	13	0.56	0.26	119	0	no data	no data	15.20	cool/rain	clear	normal	faster		
103 Upper St. Clair High	11/14/02	11	8.15	335	11	0.53	0.06	119	no data	no data	no data	n/a	clear/cool	clear	normal			
103 Upper St. Clair High	12/19/02	6	7.6	515	11	0.39	0.35	136	no data	no data	no data	n/a	cool/no rain	clear	normal			
103 Upper St. Clair High	02/20/03	6	7.6	1900	12	0.275	0.29	170	no data	no data	no data	n/a	cool/snow flurries	murky/frozen on edges	higher	faster		
106 Bethel Park High (11:45)	09/23/02	18	8	780	10.5	1.9	0.1	238	10	no data	no data	29.15	cool/rain	clear	lower	slower		
106 Bethel Park High (8:45)	10/18/02	8	7.1	630	8.5	0.16	0	230	25	no data	no data	13.85	cold/rain	clear	normal	faster		
106 Bethel Park High (11:45)	10/18/02	10	7.1	625	11	0.07	0.09	212	7.5	no data	no data	9.05	cold/rain	clear	normal	faster		
106 Bethel Park High (8:45)	11/21/02	8.5	6.4	640	13	0.57	0.02	221	20	no data	no data	19.70	cloudy/cool	clear	lower			
106 Bethel Park High (11:45)	11/21/02	9	6.8	630	12	0.09	0.045	221	25	no data	no data	13.78	chilly	clear	lower			
106 Bethel Park High (11:45)	02/20/03	4	7.5	450	12	0	0.002	204	5	no data	no data	2.63	cold/snowy	clear	higher	faster		
106 Bethel Park High (8:45)	03/18/03	14	6.5	420	12	0	no data	204	25	no data	no data	n/a	cloudy/warm	clear	higher	faster		
106 Bethel Park High (11:45)	03/18/03	13	6.5	410	10	0.02	0.013	204	25	no data	no data	n/a	cloudy/warm	clear	higher	faster		
107 North Hills High School	05/22/03	17.5	7.05	340	9.3	0.45	0.04	63	15	no data	no data	15.19	clear/ sunny	cloudy	higher	0.955		RCE: 236; PTI 30.7; E.coli 402 colonies/100ml sample
109 Ellis School	10/08/02	25	7.3	240	15	no data	0.01	23.8	12.5	no data	no data	n/a	rain	green	normal	moderate		
109 Ellis School	11/11/02	15.75	7.8	no data	12.5	0.18	no data	51	10	no data	no data	n/a	heavy rain	green		slower		
109 Ellis School	02/26/03	5	8	no data	17	0.25	0.02	51	13.5	no data	no data	7.60	snow	green	normal			
110 West Mifflin High(2:55)	09/24/02	19	6	580	10.5	0.075	0	68	30	no data	no data	21.40	chilly	clear	0.85	0.36		
110 West Mifflin High (2:55)	10/16/02	13	6	320	10	0.4	0.29	85	10	no data	no data	25.35	rainy	cloudy	0.12	normal		
110 West Mifflin High (2:51)	11/13/02	10.5	7.2	540	15	0.225	0.04	51	10	no data	no data	6.75	rainy	clear	lower	0.47		
110 West Mifflin High (2:50)	12/10/02	8	7.4	620	14	0.25	0.25	51	5	no data	no data	8.25	below freezing	snow	lower			
110 West Mifflin High (2:48)	01/14/03	5	7.55	560	17.5	0.48	0.086	68	15	no data	no data	7.24	cold	clear, slow	0.07	0.38		
110 West Mifflin High (3:00)	02/25/03	8	7.2	840	13.5	0.35	0.06	85	12.5	no data	no data	9.85	very cold	leaf packs	normal	0.72		
110 West Mifflin High (3:00)	04/22/03	13	7.95	585	8.5	0.3	no data	68	15	no data	no data	n/a	some rain/ falling temps			faster		
111 Letsche	09/12/02	22	8.3	230	9	0.09	0.06	102	20	no data	no data	15.90	mid 70s	clear	lower			
111 Letsche	10/03/02	23	8	420	9	0.65	0.28	85	15	no data	no data	21.40	rain	clear	lower			
111 Letsche	10/18/02	19	7.45	380	12	0.71	0.196	59	17.5	no data	no data	15.54	50/rain	green	normal			
111 Letsche	11/22/02	7.5	8.1	365	10	0.43	0.26	110	12.5	no data	no data	18.50	rain	clear	normal			
111 Letsche	12/19/02	9	7.9	410	12	1	0.22	60	20	no data	no data	22.10	warm	muddy	normal			
111 Letsche	01/17/03	2	7.9	520	11	0.39	0.27	93	20	no data	no data	17.45	cold/ snow	frozen	normal			
111 Letsche	02/10/03	4	7.6	920	11.5	0.9	0.17	60	25	no data	no data	19.30	cold/snow	partial ice cover	normal			
111 Letsche	03/13/03	9	7.3	560	9.5	0.8	0.1	74	30	no data	no data	20.45	rain/snow	muddy	higher			
113 Upper St. Clair High	09/19/02	24	7.2	360	6	0.1	0.02	85	25	no data	no data	14.50	thunderstorms	orange water	normal	moderate		
113 Upper St. Clair High	10/18/02	12	7.7	350	9	0.35	0	85	20	no data	no data	12.80	cool/rain	yellowish water	higher	faster		
113 Upper St. Clair High	11/14/02	11.5	7.4	365	7	0.43	0.06	102	25	no data	no data	16.10	clear/cool	orange water	normal	normal		
113 Upper St. Clair High	12/19/02	6	6.25	525	8	0.3	0.04	85	25	no data	no data	23.00	cool/no rain	orange water	normal			
113 Upper St. Clair High	02/20/03	6	6.6	1670	11	0.16	0.2	68	10	no data	no data	16.10	cool/snow	rusty color	higher			
115 Prospect	09/26/02	21.5	7.5	250	10	0.3	0.025	5.5	7.5	no data	no data	7.88	cold/rain	clear	normal			
115 Prospect	11/21/02	10.5	6.9	103.5	10	0.1	0.2	23	12.5	no data	no data	14.30	cold/rain	muddy	normal			
115 Prospect	01/13/03	2	8.1	90	10	0.23	0.1	103	30	no data	no data	17.60	cold	muddy/frozen	normal			
115 Prospect	03/25/03	13	8	95	10	0.15	0.03	10.2	10	no data	no data	10.95	sunny	clear	normal			
116 North Allegheny High	09/23/02	14	8.2	378	8	0	0.03	136	15	no data	no data	13.45	light rain/cooling	brownish	normal	faster		
116 North Allegheny High	10/08/02	12	6.9	11.2	9	0.15	0.173	61.2	15	no data	no data	15.60	chilly	clear	normal	slower		
116 North Allegheny High	10/28/02	10	6.8	1140	10	0.15	0.166	no data	20	no data	no data	16.59	50s/clear	cloudy	lower			
116 North Allegheny High	11/19/02	6	8.4	770	7	no data	0.05	73	65	no data	no data	n/a	rainy	brownish	higher	faster		
116 North Allegheny High	01/08/03	5.5	no data	540	10	1.15	2	102	10	no data	no data	n/a	cold/snow		normal	faster		
116 North Allegheny High	02/03/03	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	n/a	cold, snow	frozen solid				

116 North Allegheny High	03/13/03	5	10.3	1130	8	no data	0.03	95	80	no data	no data	n/a	heavy rain	brownish	higher	faster		
123 Frick I.S.A.	10/11/02	19.5	8.33	215	8	0.31	0.019	450.5	37.5	no data	no data	21.93	sunny	murky	0.21	0.64	0.028	
123 Frick I.S.A.	10/18/02	12.5	9.47	950	5	1.045	0.007	450.5	17.5	no data	no data	36.32	cloudy/cool	clear	0.40	0.35	0.134	
123 Frick I.S.A.	10/25/02	14	8.3	590	11.5	0.8	0	357	20	no data	no data	n/a	sunny	bluish green	0.12	0.195	0.055	
123 Frick I.S.A.	11/15/02	14	7.3	600	9	0.32	0	382.5	no data	no data	no data	n/a			0.01	0.29	0.033	
123 Frick I.S.A.	11/22/02	12	6.35	475	8.5	0.32	0	365.5	27.5	no data	no data	n/a	rain/cold	murky	0.08	0.38	0.07	
123 Frick I.S.A.	12/13/02	8.5	7.5	1075	3.5	0.12	0	408	2.5	no data	no data	n/a	cold	clear	0.08	0.476	0.065	
123 Frick I.S.A.	01/10/03	12	7.5	900	16	0.12	0.07	382.5	15	no data	no data	4.05	snow	clear	0.00	2.868	0.03	
Site # /School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₂ -N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
123 Frick I.S.A.	02/14/03	11.5	7.53	1125	13.5	0.52	no data	476	no data	no data	no data	n/a	cold/snow	clear	lower			
123 Frick I.S.A.	02/21/03	6	8.4	1015	12.5	0.12	no data	442	27.5	no data	no data	n/a	cold/melting	clear	0.19	0.32	0.048	
123 Frick I.S.A.	03/07/03	7.5	7.52	1000	11.5	0.07	no data	408	27.5	no data	no data	n/a	snow	murky	0.23	0.58	0.58	
123 Frick I.S.A.	04/11/03	10.5	9	1005	9	0.12	0.02	907	15	no data	no data	20.20	rain	murky	0.24	0.67	1.08	
123 Frick I.S.A.	05/02/03	7.5	7.52	1000	6	0.12	0.03	0.408	5	no data	no data	8.61	sunny, warm	clear	0.07	0.35	0.058	
123 Frick I.S.A.	05/16/03	17.5	8.25	1005	6.5	0.12	no data	374	41	no data	no data	n/a	cloudy rain	clear	0.09	0.37	0.107	
123 Frick I.S.A.	05/23/03	18	8.1	1000	11.5	no data	0.084	416.5	22.5	no data	no data	n/a	humid, rain	clear	0.13	0.315	0.147	
125 Emily Brittain E.S.	09/28/02	18	7.95	260	10	0	0	0	10	no data	no data	8.60	rain	muddy	higher	faster		
125 Emily Brittain E.S.	11/02/02	6	7.6	300	11	0	0	0	10	no data	no data	5.10	light snow	murky	normal	normal		
125 Emily Brittain E.S.	11/09/02	9	7.3	230	12	0	0	0	10	no data	no data	5.20	cold/snow	clear	normal			
125 Emily Brittain E.S.	03/22/03	9	7.5	150	11	1.5	0	0	10	no data	no data	19.30	rain/melting snow	cloudy	higher			
126 Frick I.S.A.	10/11/02	20	10.1	245	8.5	0.03	0.3	no data	20	no data	no data	33.65	sunny	clear	0.08	0.38	0.113	
126 Frick I.S.A.	10/18/02	15	10	495	10	0.44	0.5	280.5	7.5	no data	no data	36.40	sunny/clear	clear	0.07	0.33	0.008	
126 Frick I.S.A.	10/25/02	20	10.1	245	8.5	0.93	0.35	360	2.5	no data	no data	39.90	sunny	bluish green	0.01	0.29	0.033	
126 Frick I.S.A.	11/15/02	20	8	250	3	0.65	215	153	2.5	no data	no data	3243.90	cool	clear/algae	0.00	0.39	0.02	
126 Frick I.S.A.	11/22/02	11	7.45	450	7.5	0.57	0.05	501.5	20	no data	no data	15.60	rain/snow	murky	higher	0.48	0.072	
126 Frick I.S.A.	12/06/02	5	7.7	105	9	0.27	0.55	374	no data	no data	no data	n/a			0.02	0.35	0.026	
126 Frick I.S.A.	12/13/02	8.5	7.7	230	10.5	0.12	0.03	255	10	no data	no data	7.90	cold	clear	0.02	0.143	0.084	
126 Frick I.S.A.	01/10/03	7	7.1	981	11.5	2.3	0.75	161.5	2.5	no data	no data	39.90	snow	clear/cold	0.14	0.47	1.011	
126 Frick I.S.A.	02/14/03	7	7.1	981	11.5	no data	0.02	255	2.5	no data	no data	na	cold/snow	clear	lower			
126 Frick I.S.A.	02/21/03	6	8.7	1585	12.5	0.12	3.5	348.5	10	no data	no data	66.55	cold/snow	clear	0.03	0.35	0.033	
126 Frick I.S.A.	03/07/03	8	8.5	567	17	0.19	0.35	357	5	no data	no data	14.25	snow	murky	0.10	16.5	8.05	
126 Frick I.S.A.	04/11/03	6.5	6.6	525	9.5	0.25	5.5	425	20	no data	no data	99.55	rain	murky	0.15	0.6	1.523	
126 Frick I.S.A.	05/02/03	19	8.75	670	17	0.11	3.5	399.5	2.5	no data	no data	62.20	sunny, warm	clear	0.15	0.66	0.423	
126 Frick I.S.A.	05/16/03	17	8.7	540	12.5	0.15	102	399.5	2.5	no data	no data	1542.85	cloudy, rain	clear	0.08	0.31	0.061	
126 Frick I.S.A.	05/23/03	19	5.5	550	12.5	no data	0.35	518.5	5	no data	no data	n/a	humid, rain	clear	0.04	3.14	0.654	
128 Seneca Valley Intermediate	09/17/02	21	7.7	335	9.34	0.02	0.01	102	3.34	no data	no data	6.08	rained/sunny		0.25	0.005		
128 Seneca Valley Intermediate	09/18/02	20	7.15	315	8	0.08	0	136	5	no data	no data	9.00	light rain	clear	0.29	0.19		air temp. 22.6 C
128 Seneca Valley Intermediate	10/17/02	10.5	7.55	270	8	0	0	119	5	no data	no data	5.80	cool/rain	normal	0.40	0.33		
128 Seneca Valley Intermediate	10/18/02	10.5	8	235	13	0	0.03	76.5	5	no data	no data	6.35	rain	normal	lower			
128 Seneca Valley Intermediate	11/14/02	10.5	7.6	220	9	2	2.5	102	5	no data	no data	63.00	light rain		higher	faster		
128 Seneca Valley Intermediate	12/12/02	1	7.35	260	13	no data	2	85	10	no data	no data	n/a	rain	partially frozen	normal			
128 Seneca Valley Intermediate	12/18/02	2	7.1	150	16.5	16	no data	102	5	no data	no data	n/a	cold	muddy	higher	faster		
128 Seneca Valley Intermediate	03/25/03	24	6.9	150	16	1.6	7	187	no data	no data	no data	n/a	nice			faster		
128 Seneca Valley Intermediate	03/25/03	10	7	no data	6	no data	no data	51	5	no data	no data	n/a	nice			faster		
128 Seneca Valley Intermediate	03/26/03	10	no data	no data	11.5	0.09	no data	68	5	no data	no data	n/a	rain			faster		
130 Carmalt Elementary	09/28/02	17	8.5	355	12	0.3	0	0	10	no data	no data	14.60	heavy rain	turbid				
131 Reizenstain Middle School	10/28/02	10	7.5	no data	13	0.5	13	153	16	no data	no data	204.10						
131 Reizenstain Middle School	11/04/02	8	7.5	no data	14	0.2	2	195	5	no data	no data	33.20						
133 Langley High	10/10/02	17.5	8.1	no data	14.5	0	0.0365	119	5	no data	no data	6.20	clear/60's	clear	normal	0.991		
135 Brashear	06/28/02	24	8.6	310	12.5	0.22	0	119	5	no data	no data	13.25	sunny/hot	normal	normal	0.2	0.5	
135 Brashear	07/30/02	21.5	8.2	200	10	0	0	85	5	no data	no data	9.60	sunny/hot	normal	lower	0.2	0.52	
135 Brashear	08/22/02	22	8.4	310	11	0.02	0	153	5	no data	no data	10.70	hot/90+	clear	very low	0.2	0.12	
135 Brashear	09/24/02	16	8.25	315	11	0	0	153	0	no data	no data	8.30	warm/sunny	clear	very low	0.066	0.0173	
135 Brashear	10/18/02	10	8.2	290	13	0.55	0.04	119	no data	no data	no data	n/a	cool/rain	clear	lower	0.3	0.1818	
135 Brashear	11/13/02	7	7.9	295	11	0.18	no data	146	no data	no data	no data	n/a	cool/cloudy	clear	normal	0.333	0.333	
135 Brashear	12/16/02	no data	8.3	550	10	0.04	no data	136	5	no data	no data	n/a	cold/snowy		normal	0.333	0.4166	

135 Brashear	01/16/03	no data	8.2	450	10	0.8	no data	204	5	no data	no data	n/a	snow	half frozen	higher				
135 Brashear	02/18/03	1	7.2	690	11	0.85	0.26	102	no data	no data	no data	n/a	cold/snowy	ice	higher				
135 Brashear	03/11/03	2	7.1	410	10	0.2	no data	102	5	no data	no data	n/a	cold	cloudy/ice	higher	faster			
137 Greenfield School	09/23/02	16.5	8.3	690	6.5	0.1	0.02	170	0	no data	no data	13.15	70's sunny/rain	clear		slower			
137 Greenfield School	10/14/02	10.4	8.5	655	8	0.09	0.02	161	0	no data	no data	13.60	cold/rain	clear					
137 Greenfield School	11/25/02	7	8	620	7	0.54	12	7	no data	no data	no data	n/a	cool/rain	clear	normal	normal			
137 Greenfield School	12/16/02	4.5	8.2	635	12	1	0.07	77	no data	no data	no data	n/a	cold/rain	clear	higher	faster			
137 Greenfield School	03/25/03	16.8	8.2	200	12	1	0.06	85	no data	no data	no data	n/a	partly sunny	clear	normal	faster			
137 Greenfield School	05/19/03	15.1	8.15	680	no data	0.7	0.25	75	no data	no data	no data	n/a	light rain/sun	clear	normal	slower			
Site # /School	Date	Temp. (°C)	pH	TDS (mg/L)	DO (mg/L)	NO ₃ -N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)	Sulfate (mg/L)	Fe (mg/L)	WQI value	Weather (past 48 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/	
137 Greenfield School	05/30/03	14.5	8	800	7	0.3	0.05	128	no data	no data	no data	n/a	partly cloudy,sun						
138 North Hills Senior High	10/05/02	20	7.2	430	7.9	2.7	0.18	106	no data	no data	no data	n/a	rain/sunny	clear	normal				
138 North Hills Senior High	11/05/02	9	7.75	445	9.6	1	0.12	126	no data	no data	no data	n/a	light rain	clear	unsure	average			
138 North Hills Senior High	01/30/03	3.5	7.9	1780	13.7	1	0.18	88	5	no data	no data	17.30	no precipitation	cloudy	normal				
138 North Hills Senior High	02/26/03	3.5	7.9	1190	13.6	3.2	0.073	84	5	no data	no data	17.30	cold, dry	clear	higher				
138 North Hills Senior High	03/20/03	10	7.8	715	11.6	2.6	0.052	82	5	no data	no data	32.06	rain	clear	lower				
138 North Hills Senior High	04/23/03	18	7.6	545	10.8	0.8	0.05	80	no data	no data	no data	11.99	dry	clear	normal				E. coli 2132 colonies/ 100 ml sample
138 North Hills Senior High	05/13/03	14	6.8	545	11	2.2	0.117	116	no data	no data	no data	n/a	rain	clear	higher	a little faster			E. coli 1996 colonies / 100ml sample
140 North Hills Senior High	10/5/2002	19	7.1	575	7.6	1.7	0.11	118	no data	no data	no data	n/a	rain	clear	lower	slower			
140 North Hills Senior High	11/5/2002	12	7.4	615	8.2	1.1	0.14	139	5	no data	no data	19.16	rain	Gray/Black	normal				
140 North Hills Senior High	1/30/2003	5.5	7.4	no data	12.8	1.9	0.09	110	15	no data	no data	25.19	no precipitation	gray/murky	normal				
140 North Hills Senior High	2/26/2003	5	8.1	1265	12.2	2.4	0.038	81.5	5	no data	no data	31.83	ry, snow on ground	clear	normal				
140 North Hills Senior High	3/20/2003	10	7.5	845	10.6	2.3	0.08	72	5	no data	no data	27.78	rain	cloudy	lower				
140 North Hills Senior High	4/23/2003	15	8.15	725	12.75	0.6	0.12	90	no data	no data	no data	n/a	rain	clear	lower				E. coli 3764colonies / 100ml sample
140 North Hills Senior High	5/13/2003	15	7.7	680	9.5	2.4	0.033	102	no data	no data	no data	n/a	rain	clear	normal	faster			E. coli 2419 colonies / 100ml sample
141 Springdale Jr./Sr. High School	10/22/2002	14	7	770	8	no data	0.05	425	15	no data	1	n/a	Warm / Foggy	brownish	Normal				
141 Springdale Jr./Sr. High School	11/12/2002	12	8	660	8	0	0.05	163	25	no data	no data	14.15	Rain, Cold	Clear	Higher	faster			
141 Springdale Jr./Sr. High School	11/19/2002	10	7.8	300	13	no data	no data	102	20	no data	no data	n/a	Rain	Dark, cloudy	Higher				
141 Springdale Jr./Sr. High School	12/3/2002	8	8.1	750	8.5	no data	no data	153	20	no data	no data	n/a	cold/snow	icy/snowy spots	normal				
141 Springdale Jr./Sr. High School	1/28/2003	10	7.8	no data	8	3.5	0.026	136	10	no data	no data	n/a	snowy	clear calm	normal				
141 Springdale Jr./Sr. High School	3/5/2003	12	8.7	no data	10	0.1	no data	no data	15	no data	no data	n/a	rain	cloudy		faster			Iron = 5
141 Springdale Jr./Sr. High School	3/20/2003	10	8.3	no data	12.5	no data	no data	no data	25	no data	no data	n/a	warmer, light rain	turbulant	higher	faster			
142 Perry Traditional Academy	10/28/2002	6.5	8.2	545	11	0.1	3.7	127.5	20	no data	no data	68.4	rain	brownish	higher				
142 Perry Traditional Academy	11/26/2002	4	7.5	505	13.5	0.15	1.3	93.1	7.5	no data	no data	23.05	snow	clear	lower				
142 Perry Traditional Academy	5/23/2003	16.5	7.9	no data	10.5	0.45	4	267	18.7	86.5	0	74.09	rain/cloudy						

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Note:**Bold NUMBERS** indicate data that needs to be confirmed or checked.