

2001-2002 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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other tests/
1 Maplewood	09/10/01	17	7.2	70	3	0.2	0.02	102	1	no data	no data	12.80	rain	dry, few pools	very low	n/a	n/a	
1 Maplewood	09/13/01	15	7.2	70	2	0	0	51	2.5	no data	no data	11.50	clear	n/a	very low	n/a	n/a	
1 Maplewood (10:00)	09/17/01	12	7	70	1	0.1	0.03	34	0	no data	no data	n/a	clear	clear	very low	n/a	n/a	
1 Maplewood (11:00)	09/17/01	14	6.9	70	2	0.14	0	51	0.5	no data	no data	n/a	clear cold	clear	very low	n/a	n/a	
1 Maplewood	09/17/01	13	6.9	70	2	0.1	0.05	68	1	no data	no data	15.35	clear	clear	very low	n/a	n/a	
1 Maplewood (11:00)	09/18/01	15	6.7	70	1.2	0.02	0.007	51	3	no data	no data	16.47	clear	clear	lower	n/a	n/a	
1 Maplewood (12:00)	09/18/01	14	6.6	70	2	0	0.02	51	0	no data	no data	16.10	clear	clear	lower	n/a	n/a	
1 Maplewood (10:00)	10/01/01	11	6.9	80	8	0.12	0	68	<5	no data	no data	n/a	clear	clear	lower	n/a	n/a	
1 Maplewood (12:00)	10/01/01	11	7.1	80	9	0.08	0	51	1	no data	no data	7.90	clear	clear	low	n/a	n/a	
1 Maplewood	10/15/01	13	7.6	80	9	0	0.013	34	<5	no data	no data	n/a	rain, windy	clear	normal	n/a	n/a	
1 Maplewood	10/16/01	13	7.3	86	9	0	0	51	<5	no data	no data	n/a	rain	normal	normal	n/a	n/a	
1 Maplewood (9:00)	10/23/01	12	7.7	60	11	0.02	0.03	51	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (3:00)	10/23/01	15	7.1	60	11	0	0.02	34	7.5	no data	no data	n/a	heavy rain (1hr prior)	rising water level	rising	n/a	n/a	
1 Maplewood (11:30)	11/14/01	6	8.4	40	13	0.05	0.03	51	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (12:30)	11/14/01	6	7.8	40	12	0	0	34	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (9:00)	12/05/01	10	8.1	30	11	0	0.007	51	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (10:00)	12/05/01	10	7.9	30	11	0	0.007	51	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (11:00)	12/05/01	10	7.9	30	11	0	0.007	34	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (12:00)	12/05/01	10	7.6	30	12	0	0	34	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (3:00)	12/05/01	11	7.4	30	10	0	0	34	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (9:30)	01/10/02	2	8.3	30	13	0	0.02	68	>5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (3:00)	01/10/02	4	7.9	30	14	0	0.01	68	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (9:00)	01/28/02	2	7.4	20	14	0	0	68	0	no data	no data	1.00	clear, warm	clear	normal	n/a	n/a	
1 Maplewood (10:00)	01/28/02	3	7.4	20	14	0	0.006	68	0	no data	no data	1.09	clear	clear	normal	n/a	n/a	
1 Maplewood (11:00)	01/28/02	3	7.4	30	14	0.02	0	68	0	no data	no data	1.20	clear	clear	normal	n/a	n/a	
1 Maplewood (12:00)	01/28/02	3.5	7.6	30	13	0	0	68	0	no data	no data	1.70	clear, warm	clear	normal	n/a	n/a	
1 Maplewood (3:00)	01/28/02	5	7.8	30	13	0	0.04	68	<5	no data	no data	n/a	clear, warm	clear	normal	n/a	n/a	
1 Maplewood (10:00)	02/25/02	4	7.9	20	13	0.02	0	34	0	no data	no data	4.30	clear, sunny	clear	lower	n/a	n/a	
1 Maplewood (11:00)	02/25/02	4	7.8	30	13	0.02	0.01	102	5	no data	no data	4.65	clear	clear	lower	n/a	n/a	
1 Maplewood (12:00)	02/25/02	4	7.9	30	12	0	0.007	51	<5	no data	no data	n/a	clear	clear	lower	n/a	n/a	
1 Maplewood (3:00)	02/25/02	5	7.6	30	12	0	0.02	51	5	no data	no data	3.70	clear	clear	lower	n/a	n/a	
1 Maplewood (9:00)	03/14/02	5	7.9	20	12	0	0.03	68	5	no data	no data	6.25	clear	clear	normal	n/a	n/a	
1 Maplewood (9:00)	04/11/02	6	8	20	10	0.05	0.06	34	<5	no data	no data	n/a	clear	clear	normal	n/a	n/a	
1 Maplewood (3:00)	04/11/02	13	7.9	20	11	0.05	0.03	51	0	no data	no data	6.45	clear	clear	normal	n/a	n/a	
1 Maplewood (10:00)	04/16/02	13	7.6	20	10	0	0	34	5	no data	no data	4.80	heavy rain	n/a	higher	faster	n/a	
1 Maplewood (12:00)	04/16/02	14	7.5	20	9	0.02	0	51	>5	no data	no data	n/a	heavy rain	n/a	higher	faster	n/a	
2 Bethesda	10/30/01	8	7.5	75	10	0	3.51	93.5	5	no data	no data	56.65	cloudy	clear	normal	swift	n/a	
2 Bethesda	01/14/02	1	7.9	60	14.5	12.95	n/a	93.5	0	no data	no data	n/a	snow	clear	higher	swift	n/a	
2 Bethesda	01/28/02	5	7.7	n/a	13.5	0.7	0.013	119	5	no data	no data	10.35	50's, fair	moving swiftly	n/a	swift	n/a	
3 Bethesda	09/13/01	18	8.5	120	12	1	0.04	144.5	5	no data	no data	21.20	cloudy dry	light brown	very low	n/a	n/a	
3 Bethesda	10/10/01	13	7.6	90	11.5	0	0.02	238	5	no data	no data	4.05	clear	clear	low	fast	n/a	
3 Bethesda	11/19/01	10	7.75	75	11	0.1	0.18	153	5	no data	no data	9.00	cloudy, dry	clear	n/a	n/a	n/a	
2 Bethesda	02/25/02	4	7.7	70	12	0.2	0.016	153	5	no data	no data	6.44	fair	clear, swift, high	n/a	n/a	n/a	
2 Bethesda	05/22/02	11	7.5	n/a	10.5	1	0	68	1	no data	no data	12.85	light rain	slow	0.28	slow	n/a	
4 Cambridge Springs	09/28/01	14	7.8	110	10	0.15	0.1	27.2	5	no data	no data	9.40	rain	dark	3.00	slow	n/a	
4 Cambridge Springs	10/05/01	16.95	7.55	135	9	0.3	0.117	34	5	no data	no data	9.86	light rain	detritus	2.80	very slow	n/a	
4 Cambridge Springs	10/18/01	10	7.95	115	6.5	0.21	0.087	47.6	5	no data	no data	13.46	rain/sleet	n/a	3.65	slow	n/a	
4 Cambridge Springs	10/26/01	8	6.9	115	8	0.09	0.045	40.8	5	no data	no data	11.78	snow	n/a	low	slow	n/a	
4 Cambridge Springs	11/02/01	10	7.4	100	10	n/a	0.023	34	5	no data	no data	n/a	rain	n/a	3.20	n/a	n/a	
4 Cambridge Springs	12/14/01	9	7.5	65	11.5	0.35	0.013	61.2	5	no data	no data	6.65	rain	n/a	n/a	n/a	n/a	
4 Cambridge Springs	01/04/02	2.5	7.75	75	13.5	n/a	0.023	74.8	10	no data	no data	n/a	cold	fast moving ice	higher	n/a	n/a	
4 Cambridge Springs	01/25/02	5	7.45	90	8	0.013	0.12	40.8	10	no data	no data	8.73	drizzle	flowing	higher	n/a	n/a	
5 Cambridge Springs	10/01/01	16	8.35	110	9	0.23	0.03	71.4	5	no data	no data	14.25	sunny	n/a	0.50	n/a	n/a	
5 Cambridge Springs	10/08/01	14	8.15	130	3.5	0.225	0.03	68	20	no data	no data	19.45	flurries/cold	n/a	0.20	higher	n/a	
5 Cambridge Springs	10/15/01	14	7.85	140	8.5	0.195	0.0024	47.6	20	no data	no data	12.84	rain	n/a	0.50	1.5	n/a	
5 Cambridge Springs	10/22/01	12.5	7.7	120	10	0.26	0.03	170	15	no data	no data	10.65	rain/ sleet/ hail	n/a	n/a	n/a	n/a	
5 Cambridge Springs	10/29/01	10	7.45	105	10	0.26	0.05	119	12.5	no data	no data	9.25	cold	n/a	higher	fast	n/a	
5 Cambridge Springs	11/05/01	12	7.3	108	9.5	0.28	0.033	88.4	10	no data	no data	10.25	cloudy, cold	clear	normal	fast	n/a	
5 Cambridge Springs	11/12/01	11	7.05	120	11	1.05	0.025	102	5	no data	no data	17.78	sunny, cold	n/a	lower	n/a	n/a	
5 Cambridge Springs	12/03/01	10	7	70	8.5	0.3	0.013	74.8	15	no data	no data	14.245	rainy	fast, muddy	higher	n/a	n/a	
5 Cambridge Springs	01/23/02	3.5	7.45	95	11.5	0.26	0.002	37.4	25	no data	no data	9.98	light rain	iced over	2.05	n/a	n/a	

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Creek Connections, Allegheny College, Meadville, PA

2001-2002

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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
5 Cambridge Springs	02/22/02	5	7.65	75	11	1	0.002	61.2	10	no data	no data	15.53	rainy 50's	n/a	n/a	n/a	n/a	
5 Cambridge Springs	03/13/02	8.5	7.15	60	10	0.24	0.03	40.8	10	no data	no data	10.65	sunny	green/brown	2.3	4.5	n/a	
6 Saegertown	10/12/01	14	7.5	140	8	0.06	0	110	0	no data	no data	5.00	light rain	green/brown	normal	normal	n/a	
6 Saegertown	11/16/01	10	8	170	14	0.08	0	85	7.5	no data	no data	6.50	warm, rain	brownish, slow	0.55	0.65	21.08	
6 Saegertown	11/30/02	9	7.1	105	13	0.16	0.015	60	10	no data	no data	7.93	warm	green/brown	higher	normal	n/a	
6 Saegertown	12/14/01	8	7.5	120	8	0.12	0	76.5	0	no data	no data	5.60	cold/rainy	murky, fallen trees	0.90	0.6	29.3	
6 Saegertown	01/11/02	3	8.2	105	7.5	0.01	0.007	68	12.5	no data	no data	13.06	cold/snow	icy	0.80	0.88	41.2	
6 Saegertown	01/25/02	2	7	no data	12	0.05	0	110	15	no data	no data	9.10	drizzle	green	1.80	0.98	98.4	
6 Saegertown	02/08/02	3.5	8.2	70	10.5	0.16	0	68	20	no data	no data	13.85	n/a	n/a	n/a	n/a	n/a	
6 Saegertown	02/22/02	4	7.4	85	10.5	0.14	0	204	15	no data	no data	7.85	rain/snow	green	1.90	0.5	55.5	
6 Saegertown	03/08/02	4	7.9	70	12	0.25	0	68	12.5	no data	no data	9.80	clear, warm	green	n/a	n/a	n/a	
7 Allegheny College	09/13/01	21	8.15	145	9.5	0.115	0.036	119	5	<50	0	11.24	clear	oily	lower	slow	n/a	
7 Meadville Middle School	09/28/01	13	7.6	140	7	0.2	0.033	153	3.75	no data	no data	9.145	clear	n/a	low	slow	n/a	
7 Meadville Middle School	10/10/01	11	7.5	150	8.5	0.1	0.017	136	2.5	no data	no data	5.805	clear	cloudy	low	slow	n/a	
7 Meadville Middle School	11/01/01	8	7.75	105	10	0.17	0.02	102	5	no data	no data	8	cool	cloudy	normal	normal	n/a	
7 Meadville Middle School	12/04/01	7	6.8	70	11.5	0.04	0.016	200	8	no data	no data	9.79	clear	n/a	n/a	n/a	n/a	
7 Meadville Middle School	02/21/02	3	7.5	90	8	0.18	0.005	82	15	no data	no data	9.275	drizzle/warm	cloudy	higher	fast	n/a	
9 Sherman	10/02/01	20	7.9	no data	10.5	0.46	0.05	144.5	0	no data	no data	11.2	clear, warm	clear	lower	n/a	n/a	
9 Sherman	10/30/01	9.5	6.3	105	8	0.08	0.027	76.5	15	no data	no data	18.205	cloudy	clear	n/a	n/a	n/a	
9 Sherman	11/13/01	10	7.5	150	11.5	0.045	0.016	97.5	17.5	no data	no data	6.14	clear	clear	lower	n/a	n/a	
9 Sherman	12/11/01	13	7.7	130	1	0.14	0.025	144.5	17.5	no data	no data	16.175	no rain	n/a	higher	n/a	n/a	
9 Sherman	01/29/01	6.5	14.4	n/a	9.5	0.09	0	51	15	no data	no data	62.45	snow	very high	higher	n/a	n/a	
12 Parker Middle	09/22/01	16	7.1	120	10	0	0.25	144.5	5	no data	no data	10.95	rain	shallow	lower	slow	n/a	
12 Parker Middle	09/29/01	2	8	110	9	18	0	153	5	no data	no data	188.7	rain	n/a	higher	fast	n/a	
12 Parker Middle	10/06/01	10.5	8	100	11	0.1	0	170	5	no data	no data	8.3	rain	n/a	n/a	n/a	n/a	
12 Parker Middle	10/27/01	10	7.75	70	12.5	0.1	0.13	136	5	no data	no data	7.2	snow	n/a	0.12	n/a	n/a	
12 Parker Middle	11/17/01	7	7.9	110	11	0.25	0	170	0	no data	no data	8	fog	clear	lower	slow	n/a	
12 Parker Middle	12/01/01	6	7.1	90	12	0.2	0	170	5	no data	no data	219.5	n/a	n/a	n/a	n/a	n/a	
12 Parker Middle	01/12/02	0	7.6	100	13	n/a	0	153	5	no data	no data	n/a	snow	cold	n/a	fast	n/a	
12 Parker Middle	12/22/01	1	7.75	90	20	22	0	136	7.5	no data	no data	219.5	snow	running	avg.	n/a	n/a	
12 Parker Middle	02/02/02	3	7.9	90	12	0.42	0.013	136	10	no data	no data	11.195	snow/rain	n/a	higher	faster	n/a	
13 Parker Middle	09/29/01	14.5	8.15	90	9	0	0.063	161.1	20	no data	no data	13.845	rain	n/a	low	slow	n/a	
13 Parker Middle	10/06/01	3.5	8.45	80	11	0	0	119	10	no data	no data	11.2	rain	n/a	n/a	n/a	n/a	
13 Parker Middle	10/27/01	7.5	7.9	100	11	0.02	0	136	10	no data	nodata	7.7	snow	clear	n/a	fast	n/a	
13 Parker Middle	11/17/01	10	8	140	7	9	0	187	15	no data	nodata	102.1	fog	clear	lower	slow	n/a	
13 Parker Middle	12/01/01	11	7	405	10	>10	7.05	145	12.5	no data	nodata	n/a	rainy	sewage in it	higher	n/a	n/a	
13 Parker Middle	01/12/02	0.75	8.2	140	14	0.3	0	153	5	no data	nodata	9.8	snow	clear	lower	n/a	n/a	
13 Parker Middle	02/02/02	2.5	7.95	120	11	0.2	0	133	5	no data	no data	8.9	snow	clear	higher	n/a	n/a	
15 Conneaut Lake	05/23/02	11	8.3	60	13.5	0.4	0.03	68	22.5	no data	0.8	15.9	rain	clear	normal	normal	n/a	
16 Conneaut Lake (8:10)	09/25/01	15	7.8	145	7	0.02	0.013	85	12.5	no data	no data	10.395	rain	murky	n/a	slow	n/a	
16 Conneaut Lake (1:15)	09/25/01	19	7.2	155	7	0	0.0065	187	7.5	no data	no data	9.0975	rain	brownish-green	higher	very slow	n/a	
16 Conneaut Lake (9:20)	10/23/01	21.5	7.05	130	6.5	0	0	170	2.5	no data	no data	9.55	rain	clear	normal	n/a	n/a	
16 Conneaut Lake	11/13/01	11	7.2	140	8	0	0.013	153	28	no data	no data	12.595	sunny	very clear	lower	n/a	n/a	
16 Conneaut Lake	12/11/01	5	8.2	80	7.5	0.15	0	85	7.5	no data	no data	13.35	cold/clear	partly frozen	higher	n/a	n/a	
16 Conneaut Lake	01/08/02	1	10.2	80	14	0.03	0.7	204	5	no data	no data	33.6	n/a	n/a	unsure	n/a	n/a	
16 Conneaut Lake	02/13/02	2	7.9	70	30	0	0	23.8	1	<50	0.78	-7.6	snow	n/a	higher	slow	n/a	Iron .78mg/l
17 Conneaut Lake	09/11/01	20	7.25	215	2.5	0.1	16.6	170	15	no data	no data	263.25	rain	cloudy	lower	n/a	n/a	
17 Conneaut Lake	10/09/01	10	8.9	125	5	0.055	0.029	110.5	17.5	no data	no data	22.185	cold	n/a	normal	very slow	n/a	
17 Conneaut Lake	11/13/01	7	7.8	95	9.5	0.025	0.033	76.5	10	no data	no data	8.495	cool	murky	higher	n/a	n/a	
17 Conneaut Lake	01/08/02	2.5	7.15	95	10.5	0	0.1	30.6	10	<50	0.05	8.95	snow	murky	unsure	n/a	n/a	
17 Conneaut Lake	05/07/02	18	8.1	90	11	0.05	0	59.5	22.5	3.5	0.6	12.1	light rain	yellowish	higher	n/a	n/a	
19 Clymer Central	09/16/01	21	8	180	10	0	0	227	25	no data	no data	n/a	n/a	n/a	n/a	n/a	n/a	
19 Clymer Central	10/07/01	16	8.5	170	13	0	0	221	25	no data	no data	n/a	n/a	n/a	n/a	n/a	n/a	
19 Clymer Central	10/23/01	18	8.9	no data	10	0	0.2	204	no data	no data	no data	n/a	rain	n/a	1.4	n/a	n/a	
19 Clymer Central	11/19/01	10	8.1	120	9	0	0.17	85	25	no data	no data	16.05	rain	n/a	1.1	n/a	n/a	
19 Clymer Central	12/06/01	13	9.4	110	9	0.04	0.33	34	20	no data	no data	28.25	rain	very clear	0.8	14	n/a	
19 Clymer Central	02/27/02	4	8.7	no data	5	0.12	0	68	35	no data	no data	24.3	n/a	n/a	1.7	9	n/a	

Creek Connections, Allegheny College, Meadville, PA

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19 Clymer Central	04/30/02	15	8.7	80	7	0.04	0.13	85	20	no data	no data	21.05	cold, rainy	n/a	1	15	n/a	
22 Cochran	10/02/01	13.7	6.8	209	10.1	0.58	n/a	3.48	0.74	no data	no data	n/a	dry, clear	clear	lower	0.73	n/a	
22 Cochran	10/23/01	12.4	6.2	188	9.1	1	0.15	67.3	1.5	no data	no data	26.58	mild	calm	normal	0.25	n/a	
22 Cochran	11/08/01	9.5	6.2	389	9.9	0.12	0.1	78.6	7.9	no data	no data	17.75	rain	slow	high	0.35	n/a	
22 Cochran	03/21/02	5.1	5.7	no data	11	no data	no data	no data	no data	no data	no data	n/a	rain/snow	turbid	unsure	2.5	n/a	
22 Cochran	04/02/02	6.9	5.6	109	11.5	no data	no data	33	28.8	no data	no data	n/a	rain, cold	muddy	higher	0.54	n/a	
23 Cochran	10/11/01	10.43	6.75	198.7	10.4	0.01	0.07	68	3.9	no data	no data	10.65	dry	clear	normal	0.16	n/a	
23 Cochran	10/23/01	12.4	6.2	189	9.1	0.15	0.1	67.3	3.5	no data	no data	17.73	calm	calm	normal	0.25	n/a	
23 Cochran	12/09/01	9.5	5.8	188	9.1	0.17	0.07	54.1	3	no data	no data	20.58	light rain	slow	normal	0.22	n/a	
23 Cochran	04/04/02	3.3	5.85	132.2	13	n/a	n/a	45	48.3	no data	no data		rain, snow	green-brown	high	1.3	n/a	
25 Meadville Middle	09/21/01	20	7.8	190	7	0.1	0.03	51	15	no data	no data	11.95	n/a	clear	lower	slow	n/a	
25 Meadville Middle	10/10/01	15.5	7.8	210	10	0.11	0.04	85	15	no data	no data	10.10	n/a	n/a	lower	n/a	n/a	
25 Meadville Middle	11/01/01	11	7.55	160	7	1.7	0	60	10	no data	no data	24.50	n/a	n/a	n/a	n/a	n/a	
25 Meadville Middle	12/04/01	9	7.45	100	8.5	0.21	0	76.5	10	no data	no data	8.55	rain	n/a	higher	n/a	n/a	
25 Meadville Middle	12/19/01	5.5	7.3	75	8.5	0.15	0	51	10	no data	no data	9.15	much rain	n/a	very high	n/a	n/a	
25 Meadville Middle	01/09/02	1.5	6.85	90	12.5	0.06	0	51	5	no data	no data	8.05	cold, flurries	normal	slightly high	n/a	n/a	
25 Meadville Middle	01/29/02	5.5	7	90	6.5	0.27	0.03	51	5	no data	no data	13.60	dry, mild	clear	fairly high	n/a	n/a	
25 Meadville Middle	02/21/02	4	7.25	100	6.5	0.13	0.013	68	5	no data	no data	9.95	light rain	n/a	higher	fast	n/a	
25 Meadville Middle	03/19/02	6.5	7	95	5	0	0.008	102	7.5	no data	no data	12.12	dry	normal	normal	n/a	n/a	
26 Meadville Middle	09/21/01	15	7.2	240	6	0.28	0	119	7.5	no data	no data	12.50	n/a	clear	lower	slow	n/a	
26 Meadville Middle	10/10/01	9	7.55	230	5.5	0.04	0	153	5	no data	no data	7.95	n/a	n/a	lower	n/a	n/a	
26 Meadville Middle	11/01/01	9	7.45	140	9.5	0.025	0	170	7.5	no data	no data	5.50	dry	n/a	higher	n/a	n/a	
26 Meadville Middle	12/04/01	8.5	7.4	105	10	0.07	0.045	85	12.5	no data	no data	7.68	rain	murky, brown	higher	n/a	n/a	
26 Meadville Middle	12/19/01	4	7.35	85	9	0.2	0.001	93.5	7.5	no data	no data	8.42	much rain	n/a	very high	n/a	n/a	
26 Meadville Middle	01/09/02	2	7.1	90	13.5	0.14	0.03	68	10	no data	no data	7.60	cold, flurries	normal	slightly high	n/a	n/a	
26 Meadville Middle	01/29/02	6.5	7.45	75	9	0.17	0.025	76.5	7.5	no data	no data	7.68	dry, mild	clear	fairly high	n/a	n/a	
26 Meadville Middle	02/21/02	4	7.2	110	6.5	0.11	0.05	68	5	no data	no data	10.70	light rain	n/a	higher	faster	n/a	
26 Meadville Middle	03/19/02	4.5	6.7	85	5.5	0.17	0.06	76.5	10	no data	no data	17.15	dry	normal	normal	n/a	n/a	
28 Fort LeBoeuf	09/05/01	23	9	110	14	0.28	0.005	136	5	<50	0	16.075	light rain	clear	lower	slow	n/a	hardness 205.2
28 Fort LeBoeuf	09/12/01	22	9.7	110	11	0.3	0.03	119	5	<50	0	24.35	clear	clear	lower	slow	n/a	hardness 188.1
28 Fort LeBoeuf	09/19/01	19	8.65	160	11	0.25	0	136	5	<50	0	15.00	dry	clear	lower	slow	n/a	hardness 222.3
28 Fort LeBoeuf	10/03/01	16	9.5	140	135	0	0.0006	136	0	<50	0	-68.49	clear	flowing freely	normal	n/a	n/a	hardness 153.9 PCE=326 PTI=49.5
28 Fort LeBoeuf	10/10/01	15	8.75	130	15	0.2	0	102	0	no data	no data	11.50	clear	clear	lower	n/a	n/a	hardness 188.1
28 Fort LeBoeuf	10/17/01	10	7.8	120	12	0.25	0	102	10	<50	no data	8.50	cold, rainy	turbid	high	fast	n/a	hardness 179.5
28 Fort LeBoeuf	10/24/01	17	7.85	130	10	0.1	0	102	5	no data	no data	7.80	clear	muddy	lower	fast	n/a	hardness 205.2
28 Fort LeBoeuf	10/31/01	10.5	7.6	80	11.5	0.15	0.02	93.5	0	no data	no data	9.54	rain	high	higher	n/a	n/a	hardness 153.9
28 Fort LeBoeuf	11/07/01	10	7.6	115	14	0.22	0	85	5	<50	0	4.20	sunny, cold	normal	n/a	n/a	n/a	hardness 170.1
28 Fort LeBoeuf	11/28/01	10.5	8.25	90	13	0.4	0.2	102	5	<50	0	14.90	rain	high water	higher	n/a	n/a	hardness 119.7
28 Fort LeBoeuf	12/05/01	12	7.8	90	11	0.245	0.026	76	10	0	0	9.54	rain	n/a	n/a	n/a	n/a	hardness 153.9
28 Fort LeBoeuf	12/05/01	7	8.25	100	7.5	0.3	0	77	10	no data	0	15.75	cold/no rain	clear	lower	normal	n/a	hardness 188.1
28 Fort LeBoeuf	12/19/01	8	7.8	60	12.5	0.5	0.095	68	5	<50	0	11.08	cold/windy	snakes abundant	very high	fast	n/a	hardness 102.6
28 Fort LeBoeuf	02/07/02	4.5	8.25	80	16	0.7	0.1	51	5	0	0	14.30	no rain	clear	normal	n/a	n/a	hardness 119.7
28 Fort LeBoeuf	02/14/02	3	8.1	80	13	0.5	0.13	85	5	no data	no data	13.65	sunny	mostly clear	n/a	n/a	n/a	hardness 119.7
28 Fort LeBoeuf	02/20/02	7	8.25	90	12.5	0.7	0.08	119	10	no data	no data	17.45	rain	slightly turbid	higher	faster	n/a	hardness 213.75
29 Seneca	09/24/01	18	7.4	270	4.5	0.001	0.001	221	12.5	no data	no data	10.18	rain	clear	normal	slow	n/a	
29 Seneca	n/a	7	7.55	80	10	0.001	0.001	85	25	no data	no data	8.43	cold/flurries	clear	normal	fast	n/a	
29 Seneca	10/10/01	15	7	85	7	0.001	0.001	102	5	no data	no data	10.13	light rain	clear	normal	slow	n/a	
29 Seneca	12/19/01	8	7.4	n/a	12	0.001	0.001	85	5	no data	no data	3.43	cold/ showers	grey/clear	higher	fast	n/a	
29 Seneca	02/22/02	1	7.1	100	9.5	0.001	0.033	102	10	no data	no data	9.06	cold, snow	brownish	higher	fairly fast	n/a	
29 Seneca	03/12/02	5	7.6	70	14	0.001	0.04	119	29	no data	no data	7.41	cold, snow	fast, clear, ice	higher	faster	n/a	n/a
29 Seneca	04/16/02	25	8.2	70	4	0.001	0.043	264	0	no data	no data	13.46	rain	n/a	high	fast	n/a	
30 Seneca	09/24/01	16	7.5	310	5	0.001	0.08	204	35	no data	no data	14.71	rain	clear	very low	slow	n/a	
30 Seneca	10/10/01	10	7.6	100	8	0.001	0.05	136	10	no data	no data	7.96	light rain	clear	normal	fast	n/a	
30 Seneca	10/29/01	6	7.5	90	12	0.001	0.001	119	10	no data	no data	3.63	cold/flurries	clear	higher	fast	n/a	
30 Seneca	11/30/01	15	7.1	110	6	0.001	0.001	153	10	no data	no data	11.03	heavy rain	grey, flooded	much higher	fast	n/a	
30 Seneca	12/19/01	7	7.1	100	6.5	0.001	0.013	110.5	15	no data	no data	11.86	cold/ showers	clear	higher	fast	n/a	

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Creek Connectors, Allegheny College, Meadville, PA

2001-2002

2001-2002

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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
30 Seneca	02/22/02	3.5	7.7	100	9.5	0.05	0.067	51	5	no data	no data	7.46	cold, sleet, snow	clear, brownish	higher depth	n/a	n/a	
30 Seneca (12:15)	03/12/02	5	8	90	4	0.1	0.001	68	5	no data	no data	13.22	cold, snow	clear, fast	higher	n/a	n/a	
30 Seneca	04/16/02	22	7.5	80	7	0.03	0.06	68	10	no data	no data	8.30	heavy rain	fast	higher	n/a	n/a	
32 Seneca	09/24/01	15	6.8	250	5	1	0.3	68	25	no data	no data	31.60	rain	clear	n/a	slow	n/a	
32 Seneca	10/10/01	10	8.1	140	7.5	1	0.3	119	5	no data	no data	25.05	rain/snow	clear	higher	fast	n/a	
32 Seneca	10/29/01	4	8.7	100	9	0.001	0.001	102	20	no data	no data	17.33	flurries/cold	greenish/must smell	higher	fast	n/a	
32 Seneca	11/30/01	12	7.6	95	7	0.1	0.001	119	20	no data	no data	10.92	rain	fast, grey	high	fast	n/a	
32 Seneca	12/19/01	5	7.6	90	11	0.1	0.001	102	15	no data	no data	7.12	cold/ showers	greenish-gray	higher	fast	n/a	
32 Seneca	02/22/02	5	7.7	120	13	0.15	0.043	68	25	no data	no data	9.65	cold, snow	clear	higher depth	medium	n/a	
32 Seneca	03/12/02	5	8.2	85	13	0.2	0.001	85	42.5	no data	no data	17.02	cold, snow, sleet	clear	higher	moderate	n/a	
33 Parker Middle School	10/06/01	10	7.2	110	12	0.09	0	119	10	no data	nodata	6.90	raining hard	n/a	70 cm	very fast	n/a	
33 Parker Middle School	10/27/01	2	8.05	100	11.5	0.15	0	144.5	10	no data	no data	9.85	snow/windy	clear	0.8	very fast	n/a	
33 Parker Middle School	11/17/01	19	7.8	150	no data	0.18	0	182	2.5	no data	no data	n/a	clear	clear	0.45	n/a	n/a	
33 Parker Middle School	12/01/01	9	7.85	95	10.5	0.2	0	136	5	no data	no data	8.45	rain	turbid	high	n/a	n/a	
33 Parker Middle School	12/22/01	0	8.15	105	14.5	0.45	0	126	5	no data	no data	10.55	snow	fast	0.6	fast	n/a	
33 Parker Middle School	01/12/02	n/a	7.15	105	12	0.1	0	136	5	no data	no data	6.4	cold, frost	n/a	40 cm	little slow	n/a	
35 Meadville Middle	09/28/01	12	7.3	240	7	0.2	0	154	5	no data	no data	9.7	warm	slow	0.05	0.3	0.7	
35 Meadville Middle	11/01/01	10	7.75	365	7.25	0.075	0.015	102	7.5	no data	no data	9.40	rain	clear	0.05	0.36	0.09	
35 Meadville Middle	12/04/01	9.5	7.5	135	10.5	0.135	0.015	76.5	12.5	no data	no data	6.725	warming	n/a	n/a	n/a	n/a	
35 Meadville Middle	01/25/02	2	7.8	125	13	0.16	0.008	103	12	no data	no data	7.42	warm, rain	n/a	n/a	n/a	n/a	
35 Meadville Middle	02/21/02	5	7.3	140	11	0.1	0.02	74	7	no data	no data	6.6	cloudy, rain	clear, fast	0.17	0.7	0.6	
36 Conneaut Valley	09/11/01	18.9	7.1	110	10.72	0.09	0.04	187	5	no data	no data	8.20	pt cloudy	clear	.2 m	.24 m/s	n/a	
36 Conneaut Valley	09/23/01	13.6	7.2	120	10.88	0.01	0.05	255	5	no data	no data	6.63	light rain	clear	41	0.18	n/a	
36 Conneaut Valley	10/09/01	9	7.2	130	12.75	0.01	0.02	221	5	no data	no data	4.88	pt cloudy	clear	0.31	.09 m/s	n/a	
36 Conneaut Valley	10/23/01	13.4	7	130	10.51	0.1	0.01	170	5	no data	no data	8.79	light rain	clear	0.3 m	0.29 m/s	n/a	
36 Conneaut Valley	11/06/01	10.5	7.1	120	14.47	0.3	0.05	119	5	no data	no data	7.82	clear	clear	0.3	0.03	n/a	
36 Conneaut Valley	11/20/01	7.1	7.2	100	13.82	0.14	0.02	119	5	no data	no data	5.43	rain	clear	0.4	0.08	n/a	
36 Conneaut Valley	12/04/01	7.6	7.4	90	12.22	0.42	0.27	102	5	no data	no data	11.50	sunny, clear	turbid	0.29	0.37	n/a	
36 Conneaut Valley	12/18/01	6	7.3	40	12.92	0.28	0.04	85	10	no data	no data	7.96	sunny	turbid	0.29	0.64	n/a	
36 Conneaut Valley	01/02/02	0.6	7.3	90	15.95	0.43	0.01	136	5	no data	no data	5.89	cloudy, snow	turbid, ice	0.31	0.56	n/a	
36 Conneaut Valley	01/15/02	2.1	7	100	15.37	0.6	0.04	119	5	no data	no data	10.84	sleet	turbid	0.33	1.22	n/a	
36 Conneaut Valley	01/29/02	5.4	7.5	90	13.43	0.18	0.06	170	10	no data	no data	5.30	light rain	turbid	0.32	1.01	n/a	
36 Conneaut Valley	04/02/02	6.2	7.4	100	11.89	0.48	0.03	85	0	no data	no data	7.73	cold, rain	turbid	0.43	0.42	n/a	
36 Conneaut Valley	10/09/01	9.8	7.4	140	12.32	0.01	0.02	221	5	no data	no data	3.58	pt cloudy	clear	0.55 m	.14 m/s	n/a	
36 Conneaut Valley	09/11/01	19.5	7.7	130	9.44	0.01	0.04	187	5	no data	no data	6.69	pt cloudy	clear	.56 m	.21 m/s	n/a	
36 Conneaut Valley	09/25/01	14.1	7.2	110	10	0.01	0.05	272	10	no data	no data	8.25	cloudy	turbid	0.53	0.3	n/a	
36 Conneaut Valley	10/23/01	13.4	7.5	130	10.66	0.24	0.05	170	5	no data	no data	6.69	light rain	clear	.6 m	0.44m/s	n/a	
36 Conneaut Valley	11/06/01	8	7.4	130	13.9	0.08	0.02	136	5	no data	no data	3.17	clear	clear	0.71	0.29	n/a	
36 Conneaut Valley	11/20/01	7.1	7.2	90	13.21	0.09	0.02	85	5	no data	no data	5.35	rain	turbid	0.85	0.25	n/a	
36 Conneaut Valley	12/04/01	7.9	7.2	90	12.6	0.19	0.04	102	0	no data	no data	6.08	sunny, clear	clear	0.71	0.53	n/a	
36 Conneaut Valley	12/18/01	6	7.2	60	12.69	0.34	0.05	68	10	no data	no data	9.67	rain	turbid	0.12	1.15	n/a	
36 Conneaut Valley	01/02/02	1.1	7.3	90	14.85	0.3	0.03	119	5	no data	no data	5.66	snow	turbid, ice	0.56	0.69	n/a	
36 Conneaut Valley	01/15/02	1.9	7.2	90	16.94	0.4	0.03	85	5	no data	no data	5.99	sleet	turbid	0.75	0.65	n/a	
36 Conneaut Valley	01/29/02	5	7.6	100	12.88	0.04	0.06	102	5	no data	no data	4.08	light rain	turbid	0.80	1.13	n/a	
36 Conneaut Valley	04/02/02	6.3	7.2	100	10.98	0.28	0.03	85	5	no data	no data	8.96	cold, rain	turbid	0.75	0.57	n/a	
36 Conneaut Valley	10/09/01	10.3	7.5	140	12.31	0.09	0.03	238	5	no data	no data	3.73	pt cloudy	clear	0.58 m	.08 m/s	n/a	
36 Conneaut Valley	09/11/01	20.5	7.8	150	8.88	0.25	0.02	170	5	no data	no data	9.98	pt. Cloudy	clear	.66 m	.12 m/s	n/a	
36 Conneaut Valley	09/25/01	15.3	7.3	130	10.93	0.19	0.02	240	10	no data	no data	8.15	cloudy	clear	0.45	0.12	n/a	
36 Conneaut Valley	10/23/01	13.4	7.7	120	10.13	0.25	0.02	170	5	no data	no data	8.31	light rain	clear	.55 m	.20 m/s	n/a	
36 Conneaut Valley	11/06/01	8.1	7.4	130	13.09	0.15	0.05	102	5	no data	no data	4.89	clear	clear	0.73	0.13	n/a	
36 Conneaut Valley	11/20/01	7.3	7.3	110	12.44	0.06	0.03	102	10	no data	no data	5.94	rain	turbid	0.85	0.01	n/a	
36 Conneaut Valley	12/04/01	7.6	7.1	90	12.19	0.3	0.01	119	5	no data	no data	8.82	sunny, clear	turbid	0.73	0.2	n/a	
36 Conneaut Valley	12/18/01	6	7.2	40	12.85	0.3	0.03	85	15	no data	no data	9.86	rain	turbid	1.2	1.25	n/a	
36 Conneaut Valley	01/02/02	0.7	7.3	100	14.81	0.23	0.02	136	5	no data	no data	4.83	snow	turbid	0.61	0.45	n/a	
36 Conneaut Valley	01/15/02	1.9	7.3	90	15.82	0.38	0.02	119	5	no data	no data	5.63	snow	turbid, ice	0.8	0.39	n/a	
36 Conneaut Valley	01/29/02	4.9	7.6	90	13.43	0.12	0.03	170	5	no data	no data	4.05	light rain	turbid	0.45	0.49	n/a	

Creek Connections, Allegheny College, Meadville, PA

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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
36 Conneaut Valley	04/02/02	6.4	7.4	100	12.42	0.34	0.05	68	5	no data	no data	7.26	cold, rain	turbid	0.72	0.24	n/a	
39 General McLane	09/21/01	15.5	8.25	125	8.5	0.4	0.027	178.5	5	no data	no data	15.46	rain	n/a	lower	fast	n/a	
39 General McLane	10/10/01	14	8.95	120	9	0.16	0.033	161.5	5	no data	no data	18.40	heavy frost	n/a	lower	fast	n/a	
39 General McLane	10/30/01	7.5	8.15	90	10	0.06	0	136	12.5	no data	no data	11.30	snow	steady flow	normal	n/a	n/a	
39 General McLane	11/21/01	8	8.05	100	13	0.03	0.0133	144.5	10	no data	no data	7.80	flurries	clear	normal	faster	n/a	
39 General McLane	12/20/01	0	8.15	80	11.5	0.55	0.033	102	5	no data	no data	14.15	snow/rain/windy	clear	normal	fast	n/a	
39 General McLane	01/09/02	0	8.5	95	13	2	0.0133	136	5	no data	no data	30.10	snow	clear, icy	lower	steady	n/a	
39 General McLane	03/15/02	6.5	8.2	90	11.5	0	0.02	153	5	no data	no data	8.85	mild	normal	lower	steady	n/a	
39 General McLane	03/28/02	9	7.5	80	11	0.76	0	153	2.5	no data	no data	10.40	mild	steady flow	normal	steady	n/a	
40 General McLane	09/27/01	14	7.25	150	5.5	0	0	34	10	no data	no data	10.15	rain	n/a	n/a	n/a	n/a	
40 General McLane	11/13/01	2	7.75	120	9.5	0	0.5	136	10	no data	no data	14.85	sunny/no rain	n/a	very low	n/a	n/a	
40 General McLane	11/18/01	8	8.5	110	8.45	0	0	10.5	10	no data	no data	14.09	cold/sunny	n/a	n/a	n/a	n/a	
40 General McLane	12/13/01	12.5	8.05	115	10.5	0	0	136	5	no data	no data	8.05	sunny/warm	n/a	normal	n/a	n/a	
40 General McLane	01/03/02	-2	9.5	90	12.5	0	0	98	10	no data	no data	19.25	cold, snow	frozen surface	normal	n/a	n/a	
40 General McLane	01/10/02	-1	8.15	90	11	0	0	85	10	no data	no data	9.50	warm/no wind	frozen surface	normal	n/a	n/a	
40 General McLane	01/17/02	-2	8.15	130	13	0	0	68	10	no data	no data	8.10	cold, dry	frozen surface	normal	n/a	n/a	
41 Cambridge Springs (Dzurko)	12/10/01	5.5	8.25	100	13	0.05	0.00165	93.5	5	no data	no data	8.42475	cool/ sunny	mod. Clear/greenish	lower	n/a	n/a	
41 Cambridge Springs (Dzurko)	01/07/02	2	8.05	90	13	0.03	0.0099	127.5	2.5	no data	no data	6.2485	cold/snow	brownish/ green	higher	n/a	n/a	
41 Cambridge Springs (Dzurko)	01/28/02	5	8.1	70	12	0.04	0.005	59.5	27.5	no data	no data	12.375	sunny	greenish-brown	higher	n/a	n/a	
41 Cambridge Springs (Dzurko)	02/26/02	4.5	7.9	95	12.5	0.095	0.05	85	7.5	no data	no data	7.65	cool	greenish	higher	n/a	n/a	
41 Cambridge Springs (Dzurko)	03/19/02	5.5	7.85	120	13	0.08	0.07	93.5	5	no data	no data	6.55	cold	clear, greenish	normal	n/a	n/a	
41 Cambridge Springs (Dzurko)	04/25/02	12	8	90	10	0.03	0.0066	76.5	7.5	no data	no data	8.899	cold, sunny	muddy	higher	n/a	n/a	
41 Cambridge Springs (Dzurko)	05/30/02	16.5	7.9	85	11	0.06	0.03	80	7.5	no data	no data	8.05	warm/rain	greenish-brown	normal	n/a	n/a	
43 Maplewood	12/14/01	7.75	7.45	50	12	0.008	0.1	93.5	7.5	no data	no data	5.08	light rain	clear	normal	0.904	n/a	
43 Maplewood	01/10/02	6	7.7	40	13.5	0.07	0.1	85	5	no data	no data	5.35	cool	clear	normal	n/a	n/a	
43 Maplewood	01/31/02	5	7.6	40	12.5	0.1	0.1	68	22.5	no data	no data	9.05	cold, rain	clear	higher	n/a	n/a	
43 Maplewood	02/27/02	6	7.55	45	12	0.09	0.1	76.5	5	no data	no data	5.4	cold, snow	clear	normal	n/a	n/a	
43 Maplewood	03/14/02	7.75	7.5	40	11.5	0.09	0.005	51	17.5	no data	no data	6.425	sunny	clear	normal	n/a	n/a	
43 Maplewood	04/25/02	9.75	7.65	70	11	0.05	0	85	0	no data	no data	4	cool, rain	clear	normal	n/a	n/a	
43 Maplewood	05/30/02	17	no data	80	11	0.2	0.0266	70.5	0	no data	no data	no data	warm, light rain	clear	normal	fast	n/a	
44 Saegertown (Dzurko)	12/13/01	7.5	7.4	75	11.5	0.13	0.0066	102	5	no data	no data	5.149	light rain	greenish-brown	normal	fast	n/a	
44 Saegertown (Dzurko)	01/10/02	3	7.7	60	13.5	0.205	0	98.5	15	no data	no data	7.2	cold, clear	clear	normal	n/a	n/a	
44 Saegertown (Dzurko)	01/30/02	5	7.6	72.5	12.5	0.14	0.1	85	10	no data	no data	6.95	cold/cloudy	clear	higher	n/a	n/a	
44 Saegertown (Dzurko)	02/27/02	5.5	7.65	70	12	0.1	0.07	98.5	12.5	no data	no data	7.35	cold, snow	clear	normal	n/a	n/a	
44 Saegertown (Dzurko)	03/20/02	6.5	7.55	65	12	0.12	0.05	102	7.5	no data	no data	5.45	cool, drizzle	clear, greenish	higher	n/a	n/a	
44 Saegertown (Dzurko)	04/24/02	14	7.9	70	9.5	0.08	0.0066	59.5	17.5	no data	no data	10.949	sunny	muddy	high	n/a	n/a	
44 Saegertown (Dzurko)	05/31/02	17	7.6	65	9	0.1	0.05	70	15	no data	no data	9.25	warm/rain	clear-greenish	normal	n/a	n/a	
46 Seneca	09/05/01	21	10.4	280	17	0	0	254.5	5	no data	no data	22.3	rain	high algae	n/a	n/a	n/a	
46 Seneca	10/11/01	15	9	240	10	0	0.001	25.5	5	no data	no data	16.015	light rain	no excess algae	normal	n/a	n/a	
46 Seneca	11/15/01	10	8.8	210	12.5	0	0	139	15	no data	no data	14.65	clear	normal	normal	n/a	n/a	
46 Seneca	02/08/02	3.5	7.2	no data	12	1.3	16	119	10	no data	no data	259	no precip	frozen surface	higher	n/a	n/a	
46 Seneca	03/28/02	5	9.3	no data	16	0	0.053	0	7.5	no data	no data	15.495	snow/rain	frozen surface	normal	n/a	n/a	
46 Seneca	04/11/02	11	9.1	no data	12	0	0.013	204	10	no data	no data	16.595	rain	thawed/cloudy	higher	n/a	n/a	
49 Cussewago	09/26/01	9	8	80	7.5	0.1	0	110	0	no data	no data	9.75	rainy, cool	clear	normal	average	n/a	
49 Cussewago	10/10/01	11	7.7	7.5	9	0.03	0	102	0	no data	no data	5.6	cool, frost	clear, leaves	higher	n/a	n/a	
49 Cussewago	11/07/01	7	8.1	7	12	0.06	0	68	0	no data	no data	7	cool, foggy	clear	higher	faster	n/a	
49 Cussewago	12/04/01	8	8.6	75	10.5	0.025	0.002	51	0	no data	no data	11.73	clear, warm	clear	higher	faster	n/a	
49 Cussewago	12/12/01	5	8.25	70	11	0.15	0.00095	68	5	no data	no data	10.81425	clear, warm	clear	higher	faster	n/a	
49 Cussewago	01/09/02	1	8.4	45	10.5	0.43	0.00165	93.5	0	no data	no data	14.17475	snow	clear	normal	n/a	n/a	
49 Cussewago	01/18/02	3	8.7	55	12	0.55	0.002	68	0	no data	no data	16.73	rain, snow	clear w/ ice	higher	n/a	n/a	
49 Cussewago	02/12/02	1	7.95	45	14	0.15	0	76.5	0	no data	no data	5.3	rain, snow	clear w/ ice	normal	n/a	n/a	
49 Cussewago	02/20/02	3	7.8	45	10.5	0.26	0.0165	59.5	0	no data	no data	7.8975	warm/rain	murky	higher	fast	n/a	
49 Cussewago	05/07/02	17	7.85	75	8.5	0.15	0.002	51	0	no data	no data	8.38	sprinkles	clear	lower	normal	n/a	
50 Conneaut Lake	09/25/01	22	7.4	156	15.5	0.01	0.045	119	12.5	no data	no data	3.225	rain	clear, vegetation	normal	n/a	n/a	
50 Conneaut Lake (1:30)	09/25/01	20	7.4	165	5	0	0.006	136	5	no data	no data	8.39	rain	clear, vegetation	higher	n/a	n/a	
50 Conneaut Lake	10/23/01	25	7.15	155	8	0	0.02	119	7.5	no data	no data	9	rain	clear	normal	n/a	n/a	
50 Conneaut Lake	11/13/01	11	7.25	110	8.5	0	0	85	17.5	no data	no data	9.55	sunny	very clear	lower	n/a	n/a	
50 Conneaut Lake	02/13/02	1.5	8.2	80	16	0.65	0.037	81.6	0	<50	0.04	11.455	snow	half frozen	higher	n/a	n/a	
50 Conneaut Lake	05/07/02	21	8	80	11	0.001	0.0185	102	25	<50	0.15	11.5875	light rain	yellowish	higher	n/a	n/a	

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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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
51 Sugar Grove Elementary	09/21/01	18	7.3	235	8	2	n/a	91.8	0	no data	no data	n/a	cloudy	clear	normal	n/a	n/a	
51 Sugar Grove Elementary	09/28/01	8.8	n/a	n/a	11.5	0	0	127.5	5	no data	no data	n/a	rain	n/a	high	fast	n/a	
51 Sugar Grove Elementary (11:15)	10/24/01	15	8.85	280	6	3	n/a	153	7.5	no data	no data	n/a	rainy, cloudy	clear	high	fast	n/a	
51 Sugar Grove Elementary	10/24/01	n/a	n/a	n/a	10.5	n/a	n/a	59.5	10	no data	no data	n/a	rain	n/a	normal	n/a	n/a	
51 Sugar Grove Elementary (9:45)	11/13/01	8.5	n/a	n/a	15.5	0.05	0	62	25	no data	no data	n/a	sunny, cool	n/a	normal	fast	n/a	
51 Sugar Grove Elementary (11:15)	11/13/01	8.5	n/a	130	11	n/a	n/a	88.4	5	no data	no data	n/a	sunny, warm	clear	normal	fast	n/a	
51 Sugar Grove Elementary	01/08/02	1	n/a	n/a	18	0.11	0	93.5	37.5	no data	no data	n/a	cold	icy	unsure	n/a	n/a	
51 Sugar Grove Elementary	01/10/02	4.5	8.5	110	12	8	n/a	n/a	n/a	no data	no data	n/a	snow	clear, icy	shallow	fast	n/a	
51 Sugar Grove Elementary	01/25/02	4.5	n/a	n/a	15	n/a	0	68	10	no data	no data	n/a	cold	n/a	high	fast	n/a	
52 Cambridge Springs High	10/03/01	18	7.7	185	9	0.21	0.038	68	5	no data	no data	8.97	sunny, clear	dirty, algae	lower	slow	n/a	
52 Cambridge Springs High	10/10/01	12	8.05	135	11.5	0.25	0.038	71.4	7.5	no data	no data	10.92	sunny, warm	muddy	normal	normal	n/a	
52 Cambridge Springs High	10/17/01	9	8.15	120	11	0.078	0.12	71.4	7.5	no data	no data	11.58	raining, cold	muddy	normal	normal	n/a	
52 Cambridge Springs High	10/24/01	10	7.05	110	7	0	n/a	71.4	7.5	no data	no data	n/a	rainy, breezy	dark	1.9	0.28	n/a	
52 Cambridge Springs High	10/31/01	10.5	n/a	n/a	12.5	n/a	n/a	47.6	n/a	no data	no data	n/a	cloudy, warm	brown, dark	1.9	n/a	n/a	
52 Cambridge Springs High	11/14/01	7.5	7.2	110	6.5	0.014	0.026	57.8	5	no data	0	9.38	cool	brown, dark	15.5	0.16	n/a	
52 Cambridge Springs High	12/05/01	12.5	7.4	80.12	10.5	0.11	0.027	71.4	10	no data	0	6.955	sunny	brown	2.2	4.3	n/a	
52 Cambridge Springs High	12/12/01	11.5	7.7	60	12	0.22	0.0265	71.4	10	no data	no data	7.7975	partly cloudy	brown	lower	2.618	n/a	
52 Cambridge Springs High	12/19/01	10.5	7.35	55	10.5	0.125	0.027	71.4	15	no data	no data	8.505	rainy-sun	brown	higher	9.375	n/a	
52 Cambridge Springs High	01/02/02	2.5	6.9	80	10	n/a	n/a	n/a	n/a	no data	no data	n/a	cold	brown, icy	higher	n/a	n/a	
52 Cambridge Springs High	01/09/02	3.5	6.95	80	10.5	0.21	0.013	47.6	10	no data	no data	11.345	cold	brown, icy	1.8	n/a	n/a	
52 Cambridge Springs High	01/16/02	3.5	7.3	105	12	0.26	0.002	44.2	25	no data	no data	10.83	cold, cloudy	brown, green	normal	2.2	n/a	
52 Cambridge Springs High	01/30/02	5.6	7.4	85	10	23	0.002	27.2	20	no data	no data	237.83	cold	cloudy	higher	n/a	n/a	
52 Cambridge Springs High	02/13/02	4	7.8	55	12.5	1	0.002	61.2	10	no data	no data	15.68	snow/sunny	greenish-brown	2.9	14.3	n/a	
52 Cambridge Springs High	02/20/02	5	7.65	75	11	1	0.002	61.2	10	no data	no data	15.53	rainy, 50's	greenish, brown	2.1	n/a	n/a	
52 Cambridge Springs High	02/27/02	6.5	7.75	60	11.5	0.24	0.03	51	5	no data	no data	7.8	blizzard, cold	brown	normal	n/a	n/a	
52 Cambridge Springs High	04/03/02	7	6.6	50	12	0.24	0.03	40.8	25	no data	no data	16.65	rainy	muddy	3.1	n/a	n/a	
52 Cambridge Springs High	04/10/02	12.5	7.7	60	9	0.42	0.03	34.5	14.5	no data	no data	12.85	warm	muddy	2.4	n/a	n/a	
52 Cambridge Springs High	04/17/02	20	7.75	60	8.5	n/a	n/a	n/a	n/a	no data	no data	no data	sunny	muddy	2.3	n/a	n/a	
52 Cambridge Springs High	04/24/02	9.5	8.45	85	10.5	n/a	n/a	n/a	n/a	no data	no data	no data	sunny, clear	green, muddy	normal	n/a	n/a	

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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
101 Upper Saint Clair	9/20/2001	22	8.4	670	10	0.98	0.7	170	12.5	no data	no data	33.00	light rain	murky	low	slow	n/a	
101 Upper Saint Clair	10/11/2001	18	8.5	590	12.5	0.38	0.0867	170	10	no data	no data	16.35	dry, cool	brownish	lower	slow	n/a	
101 Upper Saint Clair	11/1/2001	15	8.85	555	12	2.8	0.27	187	2.5	no data	no data	44.95	warm, no rain	brownish	lower	slow	n/a	
101 Upper Saint Clair	11/29/2001	14.5	8.2	310	8	0.565	0.2965	187	15	no data	no data	23.10	heavy rain	cloudy	high	faster	n/a	
101 Upper Saint Clair	12/20/2001	7	8.2	265	7	0.6	0.13	153	25	no data	no data	23.65	cold, snow	green, cloudy	high	faster	n/a	
101 Upper Saint Clair	1/24/2002	11	8.6	975	9	0.4	0.08	170	10	no data	no data	19.70	rainy, cold	darker	high	faster	n/a	
101 Upper Saint Clair	2/13/2002	8	9	340	12	0.9	0.21	170	5	no data	no data	26.75	snow showers	clear	low	n/a	n/a	
101 Upper Saint Clair	3/14/2002	15	9.3	435	16	0.025	0	102	10	no data	no data	15.45	mild	clear	low	slow	n/a	
102 Upper Saint Clair	9/20/2001	23	7.9	710	9.5	0.86	0.33	177	15	no data	no data	23.10	light rain	murky	low	slow	n/a	
102 Upper Saint Clair	10/11/2001	18	8.2	620	11	0.42	0.33	187	15	no data	no data	20.05	dry, cool	muddy	normal	n/a	n/a	
102 Upper Saint Clair	11/1/2001	15	8.45	545	13	1	0.316	204	7.5	no data	no data	24.74	warm, no rain	brownish green	normal	faster	n/a	
102 Upper Saint Clair	11/29/2001	14	8.1	320	9	0.8	0.2996	170	20	no data	no data	24.99	heavy rain	green, cloudy	high	n/a	n/a	
102 Upper Saint Clair	12/20/2001	7.5	8.2	330	7	0.4	0.173	170	30	no data	no data	23.30	cold, some snow	cloudy	high	fast	n/a	
102 Upper Saint Clair	1/24/2002	10	8.4	525	9	0.56	0.03	136	10	no data	no data	18.95	rainy, cold	darker	higher	faster	n/a	
102 Upper Saint Clair	2/13/2002	8	8.8	365	11	0.34	0.13	119	10	no data	no data	20.05	snow showers	cloudy, greenish	low	n/a	n/a	
102 Upper Saint Clair	3/21/2002	10	8.4	190	11	0.9	0.08	85	15	no data	no data	22.70	rain	murky	high	fast	n/a	
103 Upper Saint Clair	9/20/2001	22	8.1	375	11	0.18	0.03	149	2.5	no data	no data	9.85	light rain	clear	low	slow	n/a	
103 Upper Saint Clair	10/11/2001	18	8.65	410	13.5	0.02	0.013	170	0	no data	no data	10.15	dry, cool	clear	low	slow	n/a	
103 Upper Saint Clair	11/1/2001	14	8.4	390	11.5	0.2	0.03	136	0	no data	no data	11.60	warm, no rain	clear	low	slow	n/a	
103 Upper Saint Clair	11/29/2001	13.75	8.2	375	9	0.54	0.1965	153	7.5	no data	no data	19.15	heavy rain	clear	low	slow	n/a	
103 Upper Saint Clair	12/20/2001	5	8.4	460	7	0.68	0.013	195.5	0	no data	no data	19.30	cold, some snow	clear	low	slow	n/a	
103 Upper Saint Clair	2/11/2002	6	7.75	1145	14	0.2	0.32	119	5	no data	no data	10.00	rain, snow	clear	high	normal	n/a	
103 Upper Saint Clair	3/14/2002	14.5	8.75	295	15	0.18	0.33	85	5	no data	no data	17.25	mild	clear	n/a	slow	n/a	
106 Bethel Park	9/19/2001	23.5	8.4	530	7.5	0.3	0.11	110.5	5	no data	no data	17.60	sunny, warm	clear	low	n/a	n/a	

Creek Connections, Allegheny College, Meadville, PA

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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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
106 Bethel Park	10/3/2001	20.5	8.3	515	7.5	0.36	0.03	110	5	no data	no data	16.20	clear, warm	clear	n/a	n/a	n/a	
106 Bethel Park	10/24/2001	20	8	530	10	0.3	0.03	102	25	no data	no data	15.45	heavy rain	detritus, turbid	high	fast	n/a	
106 Bethel Park	11/19/2001	14.75	9.6	430	13	0.09	0.01	340	25	no data	no data	23.75	warm, clear	detritus	n/a	n/a	n/a	
106 Bethel Park	12/5/2001	9.5	8.3	535	9	0.14	0	459	10	no data	no data	13.50	warm clear	clear, detritus	n/a	n/a	n/a	
106 Bethel Park	2/6/2002	5	8.2	700	15	0	0	225	5	no data	no data	6.10	flurries	cold, clear	unsure	n/a	n/a	
106 Bethel Park	4/16/2002	14	7.4	525	12	0.3	0.03	115	0.5	no data	no data	5.95	flurries	cold, clear	unsure	n/a	n/a	
107 North Hills	9/20/2001	20.5	8	300	8	0.29	0	62	10	no data	no data	13.30	sunny, warm	turbid	high	n/a	n/a	
107 North Hills	10/2/2001	15	7.5	305	8.1	0.14	0	96	5	no data	no data	6.73	rain	turbid	lower	slow	n/a	RCE:185, PTI:33.8
107 North Hills	10/24/2001	16	7.7	265	8.2	0.2	0.017	112	27.5	no data	no data	13.62	rain	cloudy	higher	n/a	n/a	
107 North Hills	11/13/2001	8.25	7.675	320	12.8	0.325	0	82	5	no data	no data	6.69	n/a	slow	lower	n/a	n/a	
107 North Hills	12/19/2001	10	7.3	225	10.1	4.2	0	100	10	no data	no data	48.53	raining	cloudy	higher	n/a	n/a	
107 North Hills	2/7/2002	7	7.85	545	14.4	1.4	0.04	61	5	no data	no data	18.32	dry	turbid	lower	n/a	n/a	
107 North Hills	2/27/2002	6	8.35	570	10.3	1	0	80	10	no data	no data	21.59	light snow	green, cloudy	normal	normal	n/a	
107 North Hills	3/20/2002	10.5	7.7	465	8.9	1	0.013	70	10	no data	no data	17.57	raining	cloudy	higher	fast	n/a	
107 North Hills	5/15/2002	16	6.9	210	9	1	0.03	68	30	no data	no data	24.95	raining	cloudy	higher	n/a	n/a	
109 Ellis School	10/16/2001	17	7.45	no data	8	0.06	2.5	93.5	7.5	no data	no data	44.40	no data	no data	n/a	n/a	n/a	
109 Ellis School	12/19/2001	12.5	7.1	140	no data	0	1.5	30	30	no data	no data	n/a	rain	no data	n/a	n/a	n/a	
109 Ellis School	1/25/2002	8	8	no data	8	0.1	0.193	34	2.5	no data	no data	12.80	no data	no data	n/a	n/a	n/a	
109 Ellis School	2/8/2002	8	7.5	95	12.5	0.1	0.013	93.5	15.5	no data	no data	5.55	no data	no data	n/a	n/a	n/a	
110 West Mifflin	9/27/2001	14.5	7.45	620	11	0.135	0.001	51	22.5	>200	no data	8.57	windy, cold	surface bubbles	0.05	n/a	n/a	chloride: 220
110 West Mifflin	10/1/1900	16.5	7.55	30	9	19	0.007	51	15	>200	0	197.21	sunny, cool	algal growth	0.05	0.38	n/a	chloride: 230
110 West Mifflin	10/22/2001	17	7.25	600	8.5	0.185	0.04	102	5	>200	0	9.50	warmer	detritus	0.05	0.43	n/a	chloride: 220
110 West Mifflin	11/20/2001	10	7.1	410	11	0	0.0165	55.25	5	90	1	6.75	rain, snow	clear	normal	fast	n/a	chloride: 200
110 West Mifflin	12/11/2001	12	7.05	515	12	0.37	0	68	5	>200	0.6	9.90	warm	normal	normal	n/a	n/a	chloride: 170
110 West Mifflin	1/15/2002	9	7.7	575	12.5	0.36	0.0125	93.5	57.5	>200	0.5	18.14	warm	snow on banks	0.047	0.33	n/a	
110 West Mifflin	2/26/2002	10	6.9	n/a	11	0.6	0.035	110.5	30	>200	n/a	19.63	rain, warm	cloudy	0.11	faster	n/a	
110 West Mifflin	3/12/2002	11.5	6	n/a	11	0.14	0	85	10	>200	no data	17.70	windy/rain	normal	0.048	0.25	n/a	
111 Letsche	9/13/2001	24	7.8	465	8.5	0.96	0.33	110	23	no data	no data	25.60	sunny, warm	clear	low	n/a	n/a	
111 Letsche	10/18/2001	11.5	7.5	310	8	0.16	0.3	102	12	no data	no data	12.90	cool	clear	low	n/a	n/a	
111 Letsche	11/29/2001	10	7.5	380	8	1	0.26	102	17	no data	no data	21.70	rain	murky	higher	n/a	n/a	
111 Letsche	12/20/2001	8	8.7	330	9	0.2	0.07	68	30	no data	no data	22.35	rain, light snow	muddy	higher	n/a	n/a	
111 Letsche	1/9/2002	8	8.3	880	10.5	0.9	0.16	76	10	no data	no data	22.45	snowing, cold	clear	normal	n/a	n/a	
111 Letsche	2/4/2002	11.5	9	580	9.5	0.69	0.13	109	25	no data	no data	29.20	heavy rain	muddy	higher	n/a	n/a	
111 Letsche	2/20/2002	9	8.3	555	11	1	0.33	51	20	no data	no data	27.65	cool	clear	normal	n/a	n/a	
111 Letsche	3/20/2002	10	7.4	430	9	0.095	0.006	60	55	no data	no data	16.54	rain	muddy	higher	n/a	n/a	
112 South Hills Middle	9/25/2001	12	8.6	no data	10.5	0.03	no data	102	1.5	no data	no data	n/a	overcast, chilly	clear	n/a	average	n/a	
112 South Hills Middle	10/24/2001	20	7.85	no data	11	0	0.043	127.5	35	no data	no data	12.75	rain, hot	muddy	high	fast	n/a	
112 South Hills Middle	11/14/2001	11	n/a	n/a	2	0.1	0.016	59.5	10	no data	no data	n/a	cloudy/warm	clear	low	n/a	n/a	
112 South Hills Middle	12/20/2001	8	8.7	330	9	0.2	0.07	68	30	no data	no data	22.35	rain/snow/cold	muddy	high	n/a	n/a	
113 Upper Saint Clair	9/20/2001	22	7.3	490	7	0.08	0.01	142	40	no data	no data	15.65	light rain	slow moving	low	slow	n/a	
113 Upper Saint Clair	10/11/2001	17.5	7.25	625	6.5	0	0	153	20	no data	no data	11.45	dry, cool	very orange	n/a	slow	n/a	
113 Upper Saint Clair	11/1/2001	15	6.95	555	7	0.4	0.02	85	17.5	no data	no data	17.30	warm, no rain	very orange	lower	fast	n/a	
113 Upper Saint Clair	11/29/2001	13	7.7	315	8	0.25	0.048	136	5	no data	no data	10.22	warm, rain	clear/yellow	high	fast	n/a	
113 Upper Saint Clair	12/20/2001	7	8.9	460	7	0.7	0.26	161.5	60	no data	no data	39.20	cold/flurries	orange	high	fast	n/a	
113 Upper Saint Clair	2/1/2002	9.5	7.5	715	4	1	0.013	119	15	no data	no data	20.40	rainy, cool	clear	high	fast	n/a	
113 Upper Saint Clair	2/11/2002	6.5	7.55	575	11.5	0.18	0.19	68	10	no data	no data	9.00	rain, snow, cold	n/a	high	fast	n/a	
113 Upper Saint Clair	3/21/2002	10.5	7.7	415	10	0.5	0.113	119	25	no data	no data	16.30	rain, cold	reddish-brown	n/a	fast		
114 Upper Saint Clair	9/27/2001	15	8.65	365	7.5	0.56	0.043	119	<5	no data	no data	n/a	cold, rainy	clear	low	slow	n/a	
114 Upper Saint Clair	10/11/2001	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	n/a	dry, cool	completely dry	none	none	none	
114 Upper Saint Clair	11/1/2001	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	n/a	warm, no rain	completely dry	none	none	none	
115 Prospect Middle	10/19/2001	16	7.55	no data	9	0	0.015	76.5	7.5	no data	no data	5.83	dogs, sunny dogs, ducks, pigeons	clear	lower	slow	n/a	
115 Prospect Middle	11/9/2001	10.5	7.05	155	8.5	0	0.04	89	18.88	no data	no data	12.03		clear	higher	fast	n/a	
115 Prospect Middle	12/17/2001	10	7	225	12	0.75	0.83	136	4	no data	no data	26.35	rain	brown	high	slow	n/a	
115 Prospect Middle	2/8/2002	9	7	225	7	0.25	0.025	238	5	no data	no data	12.98	windy, sunny	clear moving	n/a	n/a	n/a	

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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
115 Prospect Middle	3/25/2002	15	6	no data	6	0.17	0.05	314	45	no data	no data	29.25	flurries	muddy, debris	higher	slow	n/a	
116 North Allegheny	9/28/2001	13.5	7.35	380	10.5	0.4	1.3	212	1	no data	no data	27.55	rain	cloudy	2.93	0.161	1.427	
116 North Allegheny	11/8/2001	12	7.25	405	13	0.0525	0.00985	68	5	no data	no data	4.57	no rain, clear	clear	lower	n/a	n/a	
116 North Allegheny	10/17/2001	11	7.75	400	4.5	0.02	2.49	178.5	2.5	no data	no data	46.90	rain	clear	normal	n/a	n/a	
116 North Allegheny	11/29/2001	11.5	6.8	305	13	0.0555	0.1666	81.6	10	no data	no data	11.55	rain, overcast	murky	high	fast	n/a	
116 North Allegheny	12/13/2001	10.5	6.95	260	9.5	2.06	0.083	127.5	10	no data	no data	31.60	rain, 50s	clear	normal	slow	n/a	
116 North Allegheny	1/10/2002	8	7.6	12.95	12	0.095	0.16	136	12.5	no data	no data	8.25	rain, cold	clear frozen	normal	steady	n/a	
116 North Allegheny	1/31/2002	8.45	7.3	275	10.5	0.09	0.104	127.5	10	no data	no data	8.71	rain	clear	higher	n/a	n/a	
116 North Allegheny	3/14/2002	n/a	8.2	n/a	13.5	0.06725	0.137	71.4	30	no data	no data	14.88	sunny	clear	lower	n/a	n/a	
117 Taylor Alderdice	10/9/2001	12	8.34	460	10	1	0.255	73.5	7.5	no data	no data	25.05	clear	clear	around 5 ft	slow	n/a	
117 Taylor Alderdice	11/28/2001	10.25	6.9	100	7.5	0.12	0.03	146	5	no data	no data	12.20	heavy rain	n/a	higher	faster	n/a	
117 Taylor Alderdice	2/20/2002	13	9.85	670	7.5	1.6	0.09	204	10	no data	no data	42.90	fair	green	normal	n/a	n/a	
117 Taylor Alderdice	3/1/2002	9	9.6	590	9.5	7	0.04	110.5	10	no data	no data	92.75	light snow	greenish	normal	n/a	n/a	
117 Taylor Alderdice	3/6/2002	10	9.25	680	8.5	0.05	0.002	102	5	no data	no data	19.58	snowing, cold	clear	normal	n/a	n/a	
117 Taylor Alderdice	4/10/2002	16.25	8.7	370	8.2	0.925	0.033	37.4	5	no data	no data	24.61	light rain	greenish	normal	n/a	n/a	
117 Taylor Alderdice	5/2/2002	18.25	8.35	225	9	0.45	0.034	51	17.5	no data	no data	19.01	heavy rain	murky	normal	n/a	n/a	
117 Taylor Alderdice	5/23/2002	17.5	7.95	300	11.5	0.75	0.035	51	5	no data	no data	14.58	heavy rain	clear	high	slow	n/a	
123 Frick ISA	10/5/2001	22.5	n/a	640	10	0.88	0.013	103	8	no data	no data	n/a	sunny warm	rusty brown	0.09	0.196	0.035	
123 Frick ISA	10/12/2001	16.5	n/a	6.5	6.5	0.2	0	416.5	5	no data	no data	n/a	steady rain	clear	0.25	0.16	0.12	
123 Frick ISA	11/2/2001	15	7.37	585	n/a	0.3	0.1	510	30	no data	no data	n/a	mild	clear	0.085	1.25	0.063	
123 Frick ISA	11/9/2001	12	7.66	310	8.5	0.2	0.004	335	7.5	no data	no data	8.89	scattered showers	cloudy	0.17	0.139	0.055	
123 Frick ISA	12/7/2001	13.75	7.64	n/a	22	0.43	0.65	94.5	5	no data	no data	10.77	n/a	normal	0.04	0.277	n/a	
123 Frick ISA	12/14/2001	15.5	7.62	705	22	0.275	1	144.5	7.5	no data	no data	14.81	light rain	clear	0.01	0.244	0.007	
123 Frick ISA	2/18/2002	8	n/a	825	10.5	0.7	1.15	144.5	5	no data	no data	n/a	sunny, dry	clear	0.05	0.26	0.044	
124 Springdale High	10/23/2001	23	7.3	205	8.5	0	0	85	12	no data	no data	8.05	warm, no precipitation	choppy, muddy	n/a	n/a	n/a	
124 Springdale High	11/12/2001	17	8	185	10	0.2	0.05	110	15	no data	no data	12.75	sunny, mild	calm	n/a	n/a	n/a	
124 Springdale High	12/3/2001	18	8.2	110	11.5	0.2	0.1	71	25	no data	no data	16.05	sunny, warm	calm, muddy	n/a	n/a	n/a	
124 Springdale High	2/11/2002	11	7.9	80	13	0.14	0.04	51	15	no data	no data	9.10	cold/snowy	flowing fast	13.19	28700	n/a	
124 Springdale High	3/5/2002	4	8	126	13	0.33	0	79	27	no data	no data	13.60	cold/snowy	frozen edges	12.61	22500	n/a	
125 Emily Brittan	3/12/2002	3	7.18	320	12	0.75	0.02	51	28.75	no data	no data	17.71	no data	not frozen	higher	fast	n/a	
126 Frick ISA	10/5/2001	20.5	n/a	635	15.5	0.7	0.013	69.5	8	no data	no data	n/a	sunny, warm	rusty brown	0.06	0.119	0.017	
126 Frick ISA	11/2/2001	15	7.68	570	16.5	0.27	0.25	110.5	12.5	no data	no data	8.84	mild	clear, algae	0.06	0.2	0.037	
126 Frick ISA	10/12/2001	15	11	n/a	11	0.52	0	110.5	7.5	no data	no data	37.00	steady rain	clear	0.12	0.56	0.32	
126 Frick ISA	11/9/2001	9.5	7.46	310	25.5	0	0	110.5	5	no data	no data	-6.53	scattered showers	cloudy	0.10	0.29	0.001	
126 Frick ISA	12/7/2001	13.5	6.82	n/a	10	0.6	0.91	26.5	7.5	no data	no data	29.59	n/a	clear	0.08	0.181	0.064	
126 Frick ISA	12/14/2001	15.5	7.61	665	9	0.275	0.006	722.5	5	no data	no data	8.42	light rain	clear	0.05	0.238	0.041	
126 Frick ISA	1/18/2002	6.5	7.85	813	13.5	0.05	0.1	459	7.5	no data	no data	6.85	sunny, cold	ice on edges	0.09	0.19	0.003	
126 Frick ISA	2/8/2002	7	n/a	705	11.5	0.25	0.35	238	5	no data	no data	n/a	cold, sunny	clear, icy	0.12	0.25	0.13	
128 Seneca Valley Intern.	9/19/2001	15	6.6	215	9	1.35	0.6	40	20	no data	no data	37.40	sunny	clean	unsure	slow	n/a	
128 Seneca Valley Intern.	9/20/2001	20	7.5	335	8	0.03	0.05	34	3	no data	no data	6.05	rain, warm	clear	very low	n/a	n/a	
128 Seneca Valley Intern. (10:15)	10/11/2001	15	6.65	265	9	0	0.03	68	12.5	no data	no data	13.45	clear	n/a	normal	n/a	n/a	
128 Seneca Valley Intern. (11:15)	10/11/2001	16	6.8	260	10	0	0.06	93.5	10	no data	no data	11.50	clear	detritus	normal	normal	n/a	
128 Seneca Valley Intern. (1:15)	10/11/2001	15	6.75	270	11.5	0	no data	102	2.5	no data	no data	n/a	sunny	clear	lower	n/a	n/a	
128 Seneca Valley Intern. (2:00)	10/11/2001	17	7.3	255	11	0	2.1	76.1	7.5	no data	no data	36.90	cloudy	clear	lower	slow	n/a	
128 Seneca Valley Intermediate	10/24/2001	16	6.5	205	8	1.3	0.05	45	15	no data	no data	29.15	sunny	normal	unsure	slow	n/a	
128 Seneca Valley Intern. (1:00)	10/31/2001	13	8.8	240	12	0.08	0	85	6	no data	no data	14.00	rain	cloudy, brown	0.14	0.40	n/a	
128 Seneca Valley Intermediate	12/4/2001	7	6.5	75	5	1	0.11	39	9	no data	no data	27.95	cold	n/a	unsure	slow	n/a	
128 Seneca Valley Intermediate	1/7/2002	11	6.7	180	12	1.25	0.3	47	14	no data	no data	27.80	cold	n/a	unsure	slow	n/a	
128 Seneca Valley Intermediate	1/25/2002	6	8.25	160	11	no data	no data	34	no data	no data	no data	n/a	rain	no ice	higher	n/a	n/a	
128 Seneca Valley Intermediate	2/15/2002	10	6.8	130	10	0.8	0.08	39	12	no data	no data	20.20	sunny	n/a	unsure	n/a	n/a	
128 Seneca Valley Intermediate	2/22/2002	4	7.95	165	12	0.4	0.01	0.43	7.5	no data	no data	10.85	rain	clear	higher	faster	n/a	
128 Seneca Valley Intermediate	3/20/2002	13	6.5	200	10	1.25	0.25	50	15	no data	no data	30.25	sunny	normal	unsure	n/a	n/a	
128 Seneca Valley Intermediate	4/18/2002	17	6.8	240	9	1.25	0.3	40	20	no data	no data	30.30	cool, dry	clear	unsure	slow	n/a	
128 Seneca Valley Intermediate	5/3/2002	18	6.5	250	10	1.2	0.07	37	18	no data	no data	27.65	n/a	clear	unsure	n/a	n/a	

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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 24 hr)	Creek Appearance	Stage (m)	Flow (m/s)	Discharge (m ³ /s)	Other test/s/
128 Seneca Valley Intermediate	5/20/2002	14	6.8	260	12	1.3	0.05	50	30	no data	no data	26.95	cold	clear	unsure	n/a	n/a	
130 Carmalt	8/21/2001	18	no data	270	10	no data	0	no data	no data	no data	no data	n/a	cool, dry	brownish green	n/a	slow/medium	n/a	
130 Carmalt	9/22/2001	15	7.85	275	6.5	0.01	0.13	13.6	12.5	no data	no data	12.80	cool, dry	clear, fish	very low	n/a	n/a	
130 Carmalt	10/13/2001	13	7.6	no data	2.5	0.02	0	27.2	12.5	no data	0.05	11.75	cold, rainy	leaf covered	lower	none	n/a	CO2- 31.125
130 Carmalt	1/5/2002	1	7.8	320	10	0.02	2	42.5	15	no data	no data	38.60	flurries	mostly frozen	n/a	n/a	n/a	
130 Carmalt	2/16/2002	5	8.4	320	9	0.02	0.33	68	12.5	no data	no data	18.55	overcast	high, fast	n/a	n/a	n/a	
131 Reizenstein Middle	10/12/2001	17.5	7.8	390	7.5	0	0.016	195.5	6	no data	no data	8.59	clear, warm	n/a	normal	n/a	n/a	
131 Reizenstein Middle	10/23/2001	19.5	7.6	385	3	0	0.12	221	4	no data	no data	11.30	clear, sunny	very shallow	very low	n/a	n/a	
131 Reizenstein Middle	11/7/2001	15	7.65	430	7.5	0	0.015	195.5	25	no data	no data	11.18	clear, sunny	shallow	low	n/a	n/a	
131 Reizenstein Middle	11/30/2001	14.5	7.75	290	9	0.05	0.013	144.5	52.5	no data	no data	16.90	rain	higher, but low	low	n/a	n/a	
131 Reizenstein Middle	4/2/2002	13.5	7.65	no data	6.5	0.01	0	34	0	no data	no data	6.75	rain	clear	n/a	fast	n/a	
134 Langley	9/25/2001	15.5	8.15	555	10	0.9	0.06	76	20	no data	no data	22.10	rain	muddy	high	n/a	n/a	
134 Langley	10/18/2001	10.5	8.4	625	11	5	0.033	187	15	no data	no data	63.00	rain	clear	normal	0.16	n/a	
134 Langley	11/15/2001	16.5	8.1	605	7.5	0.5	0.183	204	12.5	no data	no data	19.80	clear	slow and clear	low	0.41	n/a	
134 Langley	12/13/2001	8	8.3	320	7	0.6	0.11	172	20	no data	no data	23.15	cold, snow	muddy	normal	n/a	n/a	
134 Langley	1/17/2002	8	8.2	370	8	0.52	0.04	153	15	no data	no data	18.80	cold, snow	muddy	normal	n/a	n/a	
134 Langley	2/21/2002	8.5	8.3	410	5	0.3	0.025	85	20	no data	no data	20.28	clear to rain	muddy	higher	1.85	n/a	
135 Brashear	9/19/2001	16	8.45	340	12	0	0	221	0	no data	no data	9.20	sunny	clear	very low	0.06	n/a	
135 Brashear	10/10/2001	9	7.8	275	11.5	0	0	144	0	no data	no data	4.35	clear	clear	very low	0.078	n/a	
135 Brashear	10/31/2001	9	8.2	340	13	4	0.06	178	0	no data	no data	47.40	clear/cool	clear	high	0.188	n/a	
135 Brashear	11/21/2001	5.5	8	295	12	0	0	136	0	no data	no data	5.60	light rain/snow	clear	high	0.4	n/a	
135 Brashear	12/19/2001	7	8.3	245	11	0.09	0.04	102	5	no data	no data	11.20	rain	clear	very high	1	n/a	
135 Brashear	1/23/2002	4	7.8	705	11	0	0	112	0	no data	no data	4.70	snow, cold	clear	unsure	1.1	n/a	
135 Brashear	2/21/2002	5	8.35	no data	11	0.5	0	119	5	no data	no data	15.10	cold	clear	high	0.5625	0.2777	
135 Brashear	3/26/2002	4.5	7.7	400	13	0.33	0	153	57.5	no data	no data	17.30	rain	muddy	high	1.35	10	
135 Brashear	5/23/2002	17	8.8	270	10	0.22	0	68	5	no data	no data	16.60	clear, cool	clear	high	0.5333	0.666	
136 Emily Brittain	9/15/2001	14	7.1	400	9	0.95	0	144	0	no data	no data	16.40	clear	clear	low	0.078	n/a	
136 Emily Brittain	10/20/2001	12.5	7.5	315	6.5	0.5	0.17	68	0	no data	0	13.00	50's windy	clear/ detritus	lower	slow	n/a	
136 Emily Brittain	3/12/2002	3	7.18	320	12	0.75	0.02	51	16.25	no data	no data	15.21	no data	no data	higher	faster	n/a	
137 Greenfield	9/28/2001	12.3	8	830	9	0.15	0.16	204	0	no data	no data	11.60	rain	clear	normal	slow	n/a	
137 Greenfield	10/26/2001	12	8.1	885	9.5	0.02	0.013	221	0	no data	no data	8.55	rain, windy	clear	normal	slow	n/a	
137 Greenfield	11/30/2001	12	8.4	465	11	0.3	0.05	145	0	no data	no data	13.25	rain	slightly brown	higher	fast	n/a	
137 Greenfield	12/14/2001	9.4	8	730	7	0.02	0.03	187	0	no data	no data	9.75	rain	clear	normal	n/a	n/a	
137 Greenfield	1/25/2002	2.7	8.1	970	4.5	0.01	0.02	102	0	no data	no data	12.05	rain	clear	normal	normal	n/a	
137 Greenfield	3/22/2002	2.9	6.9	n/a	3	0.03	0.02	119	0	no data	no data	13.30	cold/snowy	normal/clear	normal	n/a	n/a	
137 Greenfield	5/17/2002	9.53	8.9	520	8	0.3	0	102	0	no data	no data	18.60	rainy	clear	higher	fast	n/a	TH: 31, CH: 21
137 Greenfield	5/31/2002	18	8.1	860	10	0.4	0.01	102	0	no data	no data	11.95	humid, hot	clear	normal	n/a	n/a	
138 North Hills	10/2/2001	18	8.5	420	13	0.65	0.13	130	5	no data	no data	18.35	rain	clear	lower	fast	n/a	
138 North Hills	11/1/2001	13.75	8.4	385	11.5	2	0.15	118	0	no data	no data	31.40	partly cloudy	clear	normal	n/a	n/a	
138 North Hills	11/14/2001	10	8.55	375	10.9	1.5	0.14	110	0	no data	no data	27.87	dry	clear w/ leaves	lower	n/a	n/a	
138 North Hills	12/12/2001	9	8.75	390	13.7	1.4	0.11	98	0	no data	no data	26.06	dry	cloudy	lower	n/a	n/a	
138 North Hills	2/7/2002	9.25	9.2	695	11.8	2	0.15	103	0	no data	no data	37.59	dry	clear	lower	n/a	n/a	
138 North Hills	3/6/2002	11.5	9.6	410	10.5	2.5	0.14	120	0	no data	no data	46.55	light snow	clear	higher	semi-fast	n/a	
138 North Hills	4/2/2002	14.5	8.1	345	11	1.5	0.075	79.5	0	no data	no data	23.23	clear	clear	n/a	normal	n/a	
138 North Hills	5/7/2002	17	7.3	290	10.4	1.1	0.095	81	10	no data	no data	18.75	rain	cloudy	higher	fast	n/a	
139 Schenley	10/3/2001	20	8.1	425	5	0	0	93	30	0	0	17.30	dry, clear	clear	lower	slow	n/a	
139 Schenley	10/25/2001	13	8.1	280	20	0	0	238	20	no data	no data	4.80	rain, windy	clear	higher	fast	n/a	
139 Schenley	11/14/2001	7	8.4	40	7	0	0	25	20	no data	no data	16.30	clear/warm	clear	low	slow	n/a	
139 Schenley	2/12/2002	5	8.1	40	12	0	0	25	20	no data	no data	10.40	light snow	clear	normal	slow	n/a	
139 Schenley	4/10/2002	9	6.5	70	14.5	0	0	68	12	no data	no data	10.25	rain	clear	higher	slow	n/a	
139 Schenley	5/9/2002	11	6	540	9	0	0	60	24	no data	no data	20.50	heavy rain	cloudy	higher	fast	n/a	
139 Schenley	6/3/2002	14.5	6.5	210	12	0	0	60	22	no data	no data	14.00	rainy	cloudy	higher	fast	n/a	

2001-2002

Note:

NUMBERS indicate data that needs to be confirmed or checked.