

1995-1996 FCEEP Water Quality Data

The following data were collected by participating French Creek Environmental Education Project schools.

Site # / School	Old reference code	Date	temp (°C)	pH	TDS (mg/L)	DO (mg/L)	stage (cm)	NO-N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)
1 Maplewood	mp1	9/15/1995	15	6.6	161	4	0	2.355	0.26	68	5
1 Maplewood	mp2	9/28/1995	12	7.2	n/a	5.1	0	1.274	0.31	85.5	5
1 Maplewood	mp3	10/4/1995	16	7	130	1.6	0	1.351	0.26	93.5	0
1 Maplewood	mp4	10/11/1995	13	7.3	100	11	n/a	0.386	0.23	51	5
1 Maplewood	mp5	10/13/1995	13.5	7.2	110	8.5	n/a	0.656	0.32	76.5	2.5
1 Maplewood	mp6 up	10/25/1995	9.5	7.2	80	10	n/a	0	0	51	5
1 Maplewood	mp6 down	10/25/1995	8.5	7.2	60	10	n/a	0	0	42.5	5
1 Maplewood	mp8th	11/6/1995	4.5	7.3	110	12	n/a	0.386	0.14	42.5	0
1 Maplewood	mp4th	6/11/1995	3.5	7.1	60	12	n/a	0.015	0.13	42.5	0
1 Maplewood	mp9	1/10/1996	1	n/a	n/a	14	n/a	0.077	0.02	34	0
1 Maplewood	mp10	1/23/1996	0.5	6.8	20	13	n/a	0.077	0.02	34	0
1 Maplewood	mp11	1/23/1996	2	7.1	20	15	n/a	0.116	0.02	35	0
1 Maplewood	mp12	1/24/1996	5	6.5	20	14	n/a	0	0	25.5	10
1 Maplewood	mp13	1/31/1996	2	8.2	20	15	17 cm	1.019	0.02	34	0
1 Maplewood	mp14	2/7/1996	0	6.4	70	13	10 cm	0.232	0.29	51	0
1 Maplewood	mp15	2/14/1996	2	7.3	30	14	16 cm	0	0.02	34	0
1 Maplewood	mp16	2/23/1996	4	7.7	12	12	32 cm	0.039	0.02	34	5
1 Maplewood	mp17	2/28/1996	3	7	20	13	35 cm	0.27	0.01	34	5
1 Maplewood	mp18	3/13/1996	0	7.5	20	13	20 cm	0.154	0.02	34	0
1 Maplewood	mp19	3/20/1996	3	6.6	90	16	30 cm	0.077	0.02	51	0
2 Bethesda	up-ba 1	10/6/1995	5	8	90	12.5	1.82	0.965	0	136	125
2 Bethesda	up-ba 2	11/21/1995	4.5	7		9.5	7.03	0	0	136	
2 Bethesda	up-ba 3	12/4/1995		7	60	15	5.45	0	0		
2 Bethesda	up-ba 4	12/18/1995	3	7	60	12	7.92	0	0.11	68	5
2 Bethesda	up-ba 5	1/18/1996	1	7	40	12	8.72	0.039	0.18	51	43.5
3 Bethesda	dn-ba 1	10/6/1995	8	7.8	90	14	1.82	0	0	102	15
3 Bethesda	dn-ba 2	11/21/1995	4	6.9	60	16	7.03	0	0	119	
3 Bethesda	dn-ba 3	12/4/1995	4.5	7.6	50		5.45	0		51	
3 Bethesda	dn-ba 4	12/18/1995	3	7	45	16.5	7.92	0	0.01	63	2.5
3 Bethesda	dn-ba 5	1/18/1996	0	7.2	50	12	8.72	0	0.12	59.5	17.5
4 Cambridge Springs	cs1	9/15/1995	23.5	7.9	151	7.5	1.16	0	0.32	136	42.5
4 Cambridge Springs	cs2	9/25/1995	18.5	7.6	129.5	10	1.16	0.019	0.31	170	12.5
4 Cambridge Springs	cs3	10/13/1995	18	7.8	130	8.5	1.7	0	0.02	144.5	10
4 Cambridge Springs	cs4	10/27/1995	10.5	7.4	105	10	2.07	0	0.21	119	12.5
4 Cambridge Springs	cs5	11/11/1995	4	6.9	80	12	4.39	9.65	0.18	68	12.5
4 Cambridge Springs	cs6	11/21/1995	3.5	7.3	60	12	7.03	0	0.19	127.5	5
4 Cambridge Springs	cs7	12/1/1995	4	7.5	70	11	6.29	0.058	0	68	10
4 Cambridge Springs	cs8	12/15/1995	2.25	7	65	13	7.27	0.232	0.21	102	10
4 Cambridge Springs	cs9	1/24/1996	0	6.8	50	13	8.56	0.058	0.11	51	35
4 Cambridge Springs	cs10	2/21/1996	3.5	6.9	55	11.5	9.53	0.386	0.15	93.5	30
4 Cambridge Springs	cs11	3/6/1996	1	6.8	40	12	7.83	0.193	0.17	102	40
4 Cambridge Springs	cs12	3/20/1996	6	7.1	55	11.5	5.22	0	1.76	85	12.5
4 Cambridge Springs	cs13	4/3/1996	12.5	7.1	70	11.5	3.5	0.154	0.39	119	2.5
5 Cambridge Springs	cs-v1	11/3/1995	13	7.2	105	10.5	2.87	0	0.55	102	10
5 Cambridge Springs	cs-v2	11/11/1995	2.55	7	60	11.5	4.39	0	0.05	85	7.5
5 Cambridge Springs	cs-v3	12/6/1995	4	7.3	55	11.5	5.28	0	0.26	76.5	5
5 Cambridge Springs	cs-v4	1/9/1996	1	6.9	75	15	5.58	0.772	0.16	119	5
5 Cambridge Springs	cs-v5	1/31/1996	1.5	6.8	60	14	6.31	0.077	0.09	68	10
5 Cambridge Springs	cs-v6	2/7/1996	1	6.8	80	8.5	7.95	0.077	0.06	119	5
5 Cambridge Springs	cs-v7	2/28/1996	5	7	50	11	8.92	2.702	0.17	93.5	52.5
5 Cambridge Springs	cs-v8	3/15/1996	6	7.1	60	12.5	5.53	1.737	0.19	68	10
6 Saegertown	sg1	9/15/1995	21	8.4	122.5	10	1.16	0.077	0.03	136	5
6 Saegertown	sg2	9/29/1995	18.2	8.6	120	11.5	1.13	0	0	144.5	5
6 Saegertown	sg3	10/16/1995	12.35	7.4	140	11	2.16	0	0	119	50
6 Saegertown	sg4	10/27/1995	13	7.2	145	11	2.07	0	0.01	119	5
6 Saegertown	sg5	11/11/1995	5.1	6.9	60	12	4.39	0	0	51	30

1995-1996

Site # / School	Old reference code	Date	temp (°C)	pH	TDS (mg/L)	DO (mg/L)	stage (cm)	NO-N (mg/L)	P (mg/L)	Alk (mg/L)	Turb (JTU)
6 Saegertown	sg6	11/22/1995	1.5	7	60	13	7	0	0.13	68	10
6 Saegertown	sg7	12/8/1995	2.1	6.9	60	13.5	5.71	0.039	0.13	68	10
6 Saegertown	sg8	12/21/1995	1.5	6.9	55	12.5	9.02	0.077	0	68	5
6 Saegertown	sg9	1/11/1996	0.75	6.7	75	11	5.23	0.097	0.04	93.5	5
6 Saegertown	sg10	2/2/1996	0.5	6.7	50	13	5.12	0	0.1	68	15
6 Saegertown	sg11	2/16/1996	1	7.5	60	11	4.53	0.212	0.08	170	5
6 Saegertown	sg12	3/1/1996	2.5	n/a	n/a	12.5	6.43	0.116	0.01	59.5	1.5
6 Saegertown	sg13	3/19/1996	6	7.2	60	11	4.74	0.772	0.06	76.5	30
7 Meadville High	mdv1	9/13/1995	23	8.1	119	9	1.17	0	0.15	102	5
7 Meadville High	mdv2	9/27/1995	18.5	8.6	135	11	1.13	0	0.17	102	17
7 Meadville High	mdv3	10/11/1995	18.5	8.2	145	11.5	1.82	2.895	0.06	102	5
7 Meadville High	mdv4	10/25/1995	11	7.3	130	12	2.17	0	0.05	76	5
7 Meadville High	mdv5	11/8/1995	5	8.5	120	9	3.92	0	0.23	170	7.5
7 Meadville High	mdv6	11/22/1995	2.5	8.5	115	11	7	0	0.02	51	17.5
7 Meadville High	mdv7	12/6/1995	4	7.1	105	8.5	6.19	0	0.02	51	27
7 Meadville High	mdv10	1/31/1996	2	7.5	55	10.5	6.83	1.158	0.03	59	45
7 Meadville High	mdv11	2/7/1996	3	8.7	95	9	7.95	0	0.03	84	10
7 Meadville High	mdv12	2/21/1996	4	7.5	75	13	5.75	0.077	0.13	85.7	16.2
7 Meadville High	mdv13	3/6/1996	4	7.2	70	11	7.83	0	0.04	85	20
7 Meadville High	mdv14	3/20/1996	5	7.5	70	11.5	5.22	0	0.03	85	22.5
8 Rocky Grove	rg1	9/12/1995	18	7.9	139.5	30	1.1	0	0.15	144.5	10
8 Rocky Grove	rg2	9/25/1995	13	7.4	143.5	16.5	1.16	0	0.32	n/a	7.5
8 Rocky Grove	rg3	10/9/1995	19.5	7	160	6.5	2.03	0	0.15	144.5	5
8 Rocky Grove	rg4	10/23/1995	11.25	7.1	125	9.5	2.6	0	0.14	127.5	2.5
8 Rocky Grove	rg5	11/6/1995	7	7.3	170	19	3.22	0.154	0	102	25
8 Rocky Grove	rg6	11/20/1995	5	7.2	95	11	6.99	0.463	0.1	102	37.5
8 Rocky Grove	rg7	12/14/1995	4	7.3	90	22	6.32	0.888	0.03	85	7.5
8 Rocky Grove	rg8	12/18/1995	2	7.2	95	13	7.92	3.59	0.17	85	10
8 Rocky Grove	rg9	1/15/1996	3	7.4	10	7	4.96	0.077	0	102	5
8 Rocky Grove	rg10	1/29/1996	3	8.3	31	14	6.31	2.007	0	76.5	7.5
8 Rocky Grove	rg11	2/12/1996	0	5	130	20	5.35	0.386	0.01	85	3.75
8 Rocky Grove	rg12	2/26/1996	4.5	7.4	25	6	6.79	0.077	0	51	3.75
8 Rocky Grove	rg13	3/11/1996	0.5	7	n/a	52.5	5.16	0.386	0.03	68	10
AVERAGES											
Maplewood			5.9	7.1	62.9	11.3	0.0	0.4	0.1	47.7	2.4
Cambridge Springs			8.3	7.2	81.6	11.0	5.1	0.8	0.3	106.6	18.1
Saegertown			6.6	7.3	84.0	11.8	4.5	0.1	0.0	95.5	13.6
Meadville			8.4	7.9	102.8	10.6	4.7	0.3	0.1	87.7	16.5
Rocky Grove			7.0	7.2	101.2	17.5	4.6	0.6	0.1	97.8	10.4
OVERALL			6.5	7.3	80.2	12.4	4.9	0.4	0.1	84.2	13.0

WQI Value
42.85
27.22
30.29
12.21
18.31
6.4
6.4
9.16
6.9
na
7.57
4.16
10.2
15.59
16.37
2.1
4.89
8.75
2.74
7.07
39.9
7.35
3.5
8.25
17.39
5.6
3.6
10.8
3.1
9.3
21.25
11.14
8.75
9.45
108.1
7.05
4.88
12.37
15.73
18.86
19.68
34.05
13.04
15.3
8.2
8.45
15.42
9.92
12.32
46.37
26.67
12.42
11.75
13.1
5.85
12.4

WQI Value
8.85
9.69
7.82
11.27
11.8
6.62
19.32
11.75
17.05
38.4
4.95
16.65
14.1
12.95
23.68
15.75
6.86
9.3
6.9
-3.55
5.55
12.7
9.15
4.84
18.33
7.03
43.75
7.67
28.17
20.76
8.12
-16.44
12.6
21.9
10.9
14.9
11.2
14.1