

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
p13	1993	SM	MC	mean	23.65	7	438	8	38	70.9	11.4	14.1	2.74	2.35	2.35	0.315	0.13	.	.
				median	23.7	7	437	8	37	71.2	11.2	14.8	2.56	2.31	2.31	0.313	0.117	.	.
				minimum	23	6.6	420	7.4	32	51	0.4	9.9	2.08	2.02	2.02	0.27	0.051	.	.
				maximum	24.5	7.3	460	8.1	54	93.8	40.2	18.9	3.62	3.3	3.3	0.365	0.184	.	.
				stderr	0.1	0.04	2	0.02	0.82	1.85	1.19	0.44	0.13	0.08	0.08	0.007	0.009	.	.
				n	30	30	30	30	30	29	30	25	16	16	16	16	16	0	0
p13	1993	SM	SC	mean	23.73	7	436	8	36	64.6	9.6	13.9	2.51	2.24	2.24	0.329	0.123	.	.
				median	23.9	7	438	8	35	66	10.3	13.3	2.41	2.25	2.25	0.318	0.11	.	.
				minimum	22.3	6.6	424	7.9	31	46.1	0.3	12.4	1.96	1.99	1.99	0.289	0.1	.	.
				maximum	24.5	7.4	458	8.1	42	84.1	12.5	19.3	3.4	2.79	2.79	0.415	0.186	.	.
				stderr	0.08	0.04	2	0.01	0.55	1.73	0.58	0.36	0.11	0.06	0.06	0.008	0.007	.	.
				n	30	30	30	30	30	30	30	22	15	15	15	16	16	0	0
p13	1993	SM	BWC	mean	23.05	7.1	430	8	29	42.7	7.7	17.5	2.5	2.15	2.15	0.305	0.104	.	.
				median	23	7	435	8	28	35.9	9.1	16.1	2.39	2.13	2.13	0.306	0.106	.	.
				minimum	21	1.7	300	7.2	3	0.8	0.3	11.7	2	0.91	0.91	0.213	0.031	.	.
				maximum	24	16.6	456	8.7	49	151.7	17.9	32	3.47	3.15	3.15	0.384	0.162	.	.
				stderr	0.11	0.23	3	0.03	1.27	3.22	0.56	0.74	0.07	0.08	0.08	0.008	0.006	.	.
				n	60	60	60	60	60	60	60	41	31	31	31	32	32	0	0
p13	1993	SM	IMP	mean	23.8	7.7	437	8.1	40	78.6	11.1	11.4	3.27	2.53	2.53	0.355	0.136	.	.
				median	23.9	7.3	436	8.1	39	78.4	11.6	11.7	3.18	2.31	2.31	0.323	0.165	.	.
				minimum	20.8	6.6	415	7.5	9	4.4	0.4	4.7	2.43	1.92	1.92	0.258	0.002	.	.
				maximum	25.5	15.3	484	8.8	84	187.9	27.6	15.7	4.31	3.81	3.81	0.807	0.186	.	.
				stderr	0.22	0.32	3	0.04	2.86	7.52	1.12	0.73	0.14	0.15	0.15	0.033	0.014	.	.
				n	30	30	30	30	30	30	30	22	16	15	15	16	15	0	0
p13	1993	FL	MC	mean	12.22	13.3	412	8.8	22	33.3	10.4	61.5	3.14	1.75	1.75	0.216	0.045	.	.
				median	12	13.1	411	8.8	21	32.9	10.6	57.9	3.14	1.75	1.75	0.212	0.049	.	.
				minimum	11.7	11.4	404	8.6	16	17	8.5	42	1.43	1.3	1.3	0.157	0.009	.	.
				maximum	13.9	14.7	419	9	43	56.5	12.3	83.6	4.84	2.59	2.59	0.275	0.064	.	.
				stderr	0.09	0.15	1	0.02	0.96	1.24	0.19	2.23	0.2	0.08	0.08	0.01	0.004	.	.
				n	30	30	30	30	30	30	30	16	16	16	16	16	16	0	0
p13	1993	FL	SC	mean	12.65	13.6	417	8.8	23	38	11	54	3.1	1.8	1.8	0.223	0.042	.	.
				median	12.3	13.6	411	8.8	23	38.2	11.4	51.5	3.03	1.58	1.58	0.224	0.051	.	.
				minimum	11.5	11.8	392	8.1	2	26.6	8.8	1	2.17	1.21	1.21	0.173	0.015	.	.
				maximum	14.8	17	519	9.3	32	59.8	13.2	79.6	4.09	2.63	2.63	0.283	0.065	.	.
				stderr	0.16	0.19	4	0.04	1.05	1.26	0.21	2.86	0.13	0.12	0.12	0.008	0.004	.	.
				n	30	30	30	30	30	30	30	14	16	16	16	16	16	0	0
p13	1993	FL	BWC	mean	12.66	14.8	426	8.9	29	42.4	13.7	55.3	3.13	1.46	1.46	0.237	0.032	.	.
				median	12.8	14.2	412	8.9	26	38.8	13.4	51.5	3.22	1.48	1.48	0.222	0.032	.	.
				minimum	10	10.4	333	7.8	14	15.2	3.3	1	1	0.1	0.1	0.171	0.002	.	.
				maximum	15.1	20	730	9.5	54	164.1	29.9	118.4	4.42	3.11	3.11	0.412	0.071	.	.
				stderr	0.13	0.34	7	0.04	1.29	2.63	0.52	2.89	0.15	0.16	0.16	0.01	0.004	.	.
				n	59	59	59	59	59	59	59	59	31	31	31	31	31	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
p13	1994	SP	BWC	mean	16.62	14.1	310	9.2	37	72.3	20.7	144.6	1.83	0.18	0.18	0.211	0.002	.	.
				median	16.6	14.6	306	9.3	36	63.4	20	173.5	1.81	0.1	0.1	0.205	0.002	.	.
				minimum	13.5	7.5	287	4.3	14	16.6	10.9	35.6	1.41	0.1	0.1	0.159	0.002	.	.
				maximum	21	17.9	390	9.8	76	183.4	62.1	210.7	2.43	0.62	0.62	0.328	0.002	.	.
				stderr	0.19	0.32	2	0.11	1.82	4.56	0.83	7.13	0.05	0.03	0.03	0.007	0	.	.
				n	60	60	58	49	60	60	60	60	32	32	32	32	32	0	0
p13	1994	SP	IMP	mean	12.85	11.9	328	9	56	114.3	20.7	89.2	1.86	0.44	0.44	0.315	0.004	.	.
				median	12.9	11.2	332	9	46	88.3	20.9	63.3	1.89	0.4	0.4	0.306	0.002	.	.
				minimum	10.4	10.2	285	8.5	27	47.7	13.7	8.8	1.61	0.1	0.1	0.214	0.002	.	.
				maximum	17.1	18.1	349	9.6	96	232.4	31.5	204.7	2.04	0.94	0.94	0.428	0.009	.	.
				stderr	0.28	0.4	3	0.05	4.28	10.01	1.04	11.51	0.03	0.07	0.07	0.018	0.001	.	.
				n	30	30	30	30	30	30	30	30	16	16	16	16	16	0	0
p13	1994	SM	MC	mean	25.31	7.7	410	8.2	36	48.9	11	26	2.26	0.89	0.89	0.143	0.033	.	.
				median	25.2	7.6	410	8.2	34	41.9	10.4	23.7	2.24	0.94	0.94	0.135	0.026	.	.
				minimum	24.9	6.9	397	7.9	18	23.3	7.7	1	1.77	0.45	0.45	0.109	0.006	.	.
				maximum	25.9	9	433	8.6	95	257	25	45.6	2.88	1.34	1.34	0.217	0.071	.	.
				stderr	0.05	0.1	2	0.03	2.48	7.44	0.53	1.65	0.07	0.07	0.07	0.008	0.005	.	.
				n	30	30	30	30	30	30	30	30	16	16	16	15	15	0	0
p13	1994	SM	SC	mean	25.37	7.7	412	8.2	38	50.3	11.7	28.7	2.17	1.13	1.13	0.159	0.025	.	.
				median	25.6	7.6	410	8.2	37	50.2	11.5	27	2.14	1.08	1.08	0.148	0.025	.	.
				minimum	21.9	6.9	400	7.9	23	26.6	8.5	14.7	1.25	0.74	0.74	0.109	0.002	.	.
				maximum	26.5	8.7	442	8.4	52	78.9	19.9	51.3	3.11	1.96	1.96	0.332	0.063	.	.
				stderr	0.16	0.08	2	0.03	1.56	2.48	0.42	1.52	0.1	0.07	0.07	0.014	0.005	.	.
				n	30	30	30	30	30	30	30	29	16	16	16	15	15	0	0
p13	1994	SM	BWC	mean	25.13	8.4	418	8.3	46	52.4	14.6	40.8	2	0.51	0.51	0.176	0.037	.	.
				median	25	8.2	416	8.2	46	47.5	13.5	29.1	2.18	0.5	0.5	0.159	0.032	.	.
				minimum	21.9	4.9	360	7.7	18	13.5	8.5	15.5	1.08	0.1	0.1	0.124	0.013	.	.
				maximum	27	13.1	543	9.7	84	126.2	25.8	122.6	2.94	1.12	1.12	0.313	0.091	.	.
				stderr	0.15	0.23	4	0.05	1.55	2.42	0.56	3.7	0.09	0.05	0.05	0.008	0.004	.	.
				n	59	59	59	59	59	59	59	31	31	31	31	29	0	0	0
p13	1994	SM	IMP	mean	25.65	8.2	402	8.2	23	25.9	9.5	24.1	1.95	0.4	0.4	0.151	0.029	.	.
				median	25.5	7.7	404	8.2	23	26.7	9.2	27.9	2	0.3	0.3	0.132	0.026	.	.
				minimum	24.1	6.6	333	8	5	4.8	5.1	8.1	0.98	0.1	0.1	0.059	0.002	.	.
				maximum	28	16	410	9	39	46.3	13.5	47.6	2.33	0.82	0.82	0.254	0.096	.	.
				stderr	0.17	0.34	2	0.04	1.7	2.36	0.4	2.03	0.08	0.05	0.05	0.014	0.005	.	.
				n	31	31	31	31	31	31	31	17	17	17	17	17	0	0	0
p13	1994	FL	MC	mean	14.7	8.8	371	7.9	31	41	6.4	15.2	1.92	1.25	1.25	0.201	0.059	.	.
				median	14.5	8.7	369	7.9	31	41.1	6.2	15	1.9	1.22	1.22	0.192	0.059	.	.
				minimum	13.7	7.8	362	7.8	18	15.1	4.9	5.2	1.52	1.11	1.11	0.146	0.03	.	.
				maximum	15.6	9.6	391	8	42	55.9	9.2	23.5	2.3	1.68	1.68	0.262	0.082	.	.
				stderr	0.13	0.12	1	0.02	1.04	1.6	0.2	0.7	0.05	0.04	0.04	0.008	0.004	.	.
				n	30	30	30	30	30	30	30	16	16	16	16	16	0	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
p13	1994	FL	SC	mean	14.64	9	376	7.9	33	42.4	7.2	14.6	2.03	1.32	1.32	0.207	0.053	.	
				median	14.4	9.5	376	7.9	32	40.9	7.7	14.8	2.02	1.22	1.22	0.204	0.053	.	
				minimum	13.7	7.8	365	7.7	25	23.4	2.6	9.1	1.75	1.01	1.01	0.162	0.027	.	
				maximum	16.2	10.3	401	8.1	49	61.2	12	18.3	2.55	2.01	2.01	0.333	0.074	.	
				stderr	0.15	0.14	1	0.02	1.27	1.64	0.42	0.45	0.05	0.06	0.06	0.011	0.003	.	
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0	
p13	1994	FL	BWC	mean	14.35	9.1	393	8	33	38.5	7.5	21.9	1.91	1.01	1.01	0.22	0.037	.	
				median	14.8	8.8	391	7.9	34	33.4	7.1	15.3	1.91	1.14	1.14	0.215	0.043	.	
				minimum	11.5	4.8	333	7.4	14	14.6	3.9	8.5	1.05	0.1	0.1	0.095	0.002	.	
				maximum	16.6	14.2	465	9	64	95.9	16.2	102.8	2.64	1.79	1.79	0.337	0.063	.	
				stderr	0.17	0.22	3	0.04	1.36	2.27	0.28	2.27	0.06	0.09	0.09	0.01	0.003	.	
				n	60	60	60	60	60	60	60	60	32	32	32	32	0	0	
p13	1994	FL	IMP	mean	14.48	8.7	372	7.9	24	26.1	6.4	9.4	2.09	1.35	1.35	0.165	0.062	.	
				median	14.4	8.5	371	7.9	20	20.3	5.9	8.7	2.07	1.37	1.37	0.165	0.062	.	
				minimum	12.4	8	362	7.8	11	8	1.4	2.4	1.75	1.13	1.13	0.125	0.044	.	
				maximum	16	10.3	385	8.2	44	60.8	9.8	20.8	2.49	1.56	1.56	0.215	0.084	.	
				stderr	0.17	0.1	1	0.02	1.9	3.02	0.33	0.92	0.06	0.04	0.04	0.007	0.002	.	
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0	
p13	1995	WN	MC	mean	0	12.8	427	7.8	5	2.6	2.7	6.4	2.39	1.86	1.86	0.078	0.012	17.2	4.1
				median	0	12.8	430	7.8	5	2.8	2.6	5.4	2.38	1.88	1.88	0.077	0.013	20	4
				minimum	0	12.2	414	7.6	3	0.3	0.9	4.1	2.26	1.1	1.1	0.039	0.005	0	0
				maximum	0.1	13.2	438	7.9	8	4.9	4.6	13.9	2.63	2.11	2.11	0.148	0.02	34	10
				stderr	0	0.04	1	0.02	0.17	0.18	0.14	0.42	0.02	0.06	0.06	0.007	0.001	1.5	0.5
				n	29	29	29	29	29	28	28	29	16	16	16	16	30	30	
p13	1995	WN	SC	mean	0.03	12.7	444	7.8	5	2.9	2.5	7.8	2.57	2.12	2.12	0.07	0.012	16.3	3.9
				median	0	12.7	442	7.8	5	2.9	2.5	5.8	2.52	2.07	2.07	0.071	0.009	16	3
				minimum	0	12	417	7.7	4	1.6	1.3	4.3	2.2	1.78	1.78	0.032	0.002	4	0
				maximum	0.2	15.1	507	8	12	4.5	3.5	35	3.25	2.97	2.97	0.129	0.046	32	13
				stderr	0.01	0.1	4	0.01	0.25	0.16	0.15	1.06	0.08	0.09	0.09	0.006	0.003	1.1	0.6
				n	30	30	30	30	30	21	21	30	16	16	16	16	30	30	
p13	1995	WN	BWC	mean	0.78	11.5	489	7.7	5	3.9	2.9	7	2.39	1.72	1.72	0.072	0.01	19.2	5.8
				median	0.5	12.6	474	7.7	5	3.3	2.9	5.3	2.34	1.85	1.85	0.06	0.01	20	5
				minimum	0	1.9	351	7.1	3	0.8	0.4	1.4	0.82	0.1	0.1	0.013	0.002	6	0
				maximum	3	20	702	8.3	12	12.3	5.5	23.1	3.8	3.24	3.24	0.167	0.027	30	17
				stderr	0.13	0.54	9	0.03	0.22	0.36	0.14	0.62	0.13	0.19	0.19	0.009	0.002	0.7	0.5
				n	50	50	50	50	50	40	40	50	22	22	22	24	60	60	
p13	1995	WN	IMP	mean	0.01	12.8	451	7.7	5	3	2.5	4.5	2.64	2.26	2.26	0.075	0.01	18	6.2
				median	0	12.8	449	7.7	5	2.6	2.5	4.2	2.69	2.32	2.32	0.049	0.009	18	4
				minimum	0	8.5	432	7.2	4	0.4	0.6	3	2.32	1.91	1.91	0.031	0.002	10	0
				maximum	0.2	16.4	542	8	6	17.4	5.9	7.7	2.86	2.51	2.51	0.212	0.018	26	20
				stderr	0.01	0.22	4	0.03	0.1	0.57	0.17	0.17	0.05	0.05	0.05	0.013	0.001	0.7	1
				n	27	27	27	27	27	27	27	27	14	14	14	15	30	30	

Reach	Year	Season	Stratum	Statistic	Water Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Total Ammon. (N mg/L)	Soluble Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)
p13	1996	WN	BWC	mean	0.24	8.8	464	7.4	10	.	.	9.5	2.92	1.9	1.9	0.136	0.058	30.9	7.5
				median	0.2	10	450	7.4	7	.	.	1.8	2.91	1.9	1.9	0.105	0.052	31	9
				minimum	0	0.7	320	7.1	4	.	.	1	2.31	0.1	0.1	0.042	0.002	17	0
				maximum	1	12.3	691	7.7	51	.	.	84.5	3.74	2.79	2.79	0.723	0.188	43	16
				stderr	0.03	0.36	10	0.02	1.25	.	.	2.21	0.07	0.11	0.11	0.021	0.007	0.8	0.5
				n	57	57	56	57	55	0	0	55	28	28	31	31	60	60	60
p13	1996	WN	IMP	mean	0.09	10.8	438	7.5	6	.	.	1.1	2.93	1.97	1.97	0.095	0.049	34.5	4.7
				median	0.1	10.7	428	7.6	5	.	.	1	2.8	1.92	1.92	0.09	0.045	34	5
				minimum	0	9.6	380	7.3	4	.	.	1	2.55	1.58	1.58	0.062	0.021	25	0
				maximum	0.1	11.8	531	7.8	24	.	.	2.6	3.49	2.54	2.54	0.197	0.158	45	9
				stderr	0	0.1	6	0.03	0.83	.	.	0.06	0.08	0.07	0.07	0.007	0.008	1	0.4
				n	30	30	30	30	30	0	0	30	16	16	16	16	30	30	30
p13	1996	SP	MC	mean	10.3	10.8	285	7.9	26	48.2	5.4	25.9	1.94	0.97	0.97	0.12	0.052	.	.
				median	10.5	10.7	295	7.9	26	49.1	5.5	23.7	1.98	1.08	1.08	0.133	0.051	.	.
				minimum	9.2	10.2	215	7.7	14	21.1	3.7	16.4	0.68	0.1	0.1	0.064	0.038	.	.
				maximum	11.6	11.6	308	8.2	34	72.5	6.8	41.3	3.82	1.27	1.27	0.151	0.092	.	.
				stderr	0.12	0.08	5	0.02	0.83	2.09	0.17	1.32	0.18	0.09	0.09	0.007	0.003	.	.
				n	30	30	30	30	30	30	24	30	16	16	16	16	0	0	0
p13	1996	SP	SC	mean	10.67	10.9	294	7.9	24	40.7	4.8	25.2	1.9	1.08	1.08	0.113	0.047	.	.
				median	10.8	10.9	292	7.9	25	39.2	4.7	24.8	1.95	1.06	1.06	0.118	0.047	.	.
				minimum	9.5	10.3	230	7.8	15	16.3	3.6	17.6	1.49	0.92	0.92	0.076	0.039	.	.
				maximum	11.6	11.4	313	8.1	32	71.4	6.2	35.4	2.24	1.44	1.44	0.149	0.055	.	.
				stderr	0.1	0.06	3	0.01	0.67	2.33	0.13	0.85	0.06	0.03	0.03	0.006	0.001	.	.
				n	30	30	30	30	30	30	25	30	16	16	16	16	0	0	0
p13	1996	SP	BWC	mean	10.79	11.2	268	8.1	20	26.7	4.9	35	1.62	0.77	0.77	0.106	0.043	.	.
				median	10.8	10.8	284	8	21	26.2	4.4	28.1	1.63	0.89	0.89	0.102	0.044	.	.
				minimum	8.4	9.8	217	7.8	10	9.6	2.2	17.7	0.89	0.1	0.1	0.068	0.028	.	.
				maximum	13.5	15	320	9.3	30	68.9	15.5	139.5	2.51	1.23	1.23	0.192	0.053	.	.
				stderr	0.15	0.15	5	0.04	0.81	1.68	0.33	2.72	0.09	0.06	0.06	0.005	0.001	.	.
				n	60	60	60	60	60	60	50	60	30	31	31	30	31	0	0
p13	1996	SP	IMP	mean	10.57	11.1	259	8.1	24	43.4	5.5	31.4	1.64	0.75	0.75	0.111	0.042	.	.
				median	10.5	11.1	257	8.1	20	31.7	5.1	32.9	1.48	0.52	0.52	0.095	0.042	.	.
				minimum	9.9	10.5	214	7.8	14	16.5	3.6	19	0.61	0.1	0.1	0.066	0.034	.	.
				maximum	13	12.7	310	8.5	45	105.9	8.6	52.5	2.6	1.19	1.19	0.221	0.051	.	.
				stderr	0.1	0.1	6	0.04	1.63	4.01	0.33	1.45	0.15	0.09	0.09	0.012	0.001	.	.
				n	30	30	30	30	30	30	19	30	15	16	16	15	16	0	0
p13	1996	SM	MC	mean	24.35	7.1	426	8	20	25.1	4.6	18.4	2.13	1.24	1.24	.	0.04	.	.
				median	24.4	7	428	8.1	20	27.1	4.7	15.3	2.16	1.35	1.35	0.039	.	.	.
				minimum	23.1	6.5	405	7.8	11	10.1	2.3	10	1.69	0.79	0.79	.	0.02	.	.
				maximum	25	8.9	454	8.3	29	41.2	8.4	44.5	2.68	1.76	1.76	.	0.067	.	.
				stderr	0.08	0.1	3	0.02	0.81	1.14	0.2	1.34	0.06	0.07	0.07	0.003	.	.	.
				n	30	30	30	30	30	30	30	30	19	19	19	0	19	0	0

Reach	Year	Season	Stratum	Statistic	Water Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Total Ammon. (N mg/L)	Soluble Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)
p13	1996	SM	SC	mean	24.2	7.2	428	8.1	21	27.3	4.6	19.2	2.06	1.16	1.16	.046	.	.	
				median	24.2	7.2	420	8	22	27.2	4.7	16.1	2	1.09	1.09	.042	.	.	
				minimum	23.3	6.2	405	7.8	13	15.5	2.9	10.1	1.62	0.81	0.81	.024	.	.	
				maximum	25.2	8.9	463	8.2	31	39.8	5.9	92.8	2.55	1.93	1.93	.081	.	.	
				stderr	0.08	0.12	4	0.02	0.76	1.09	0.14	2.63	0.06	0.08	0.08	.004	.	.	
				n	30	30	30	30	30	30	30	30	17	17	17	0	17	0	0
p13	1996	SM	BWC	mean	24.2	7.9	430	8.2	34	43.5	8	28.3	1.95	0.71	0.71	.051	.	.	
				median	24.1	7.9	439	8.1	36	43.1	7.2	22.4	1.97	0.77	0.77	.039	.	.	
				minimum	22.5	1.1	266	7.4	7	6.3	2.5	6.3	0.67	0.1	0.1	.002	.	.	
				maximum	27.1	15.4	530	9.2	64	110.1	20.9	107.8	3.31	1.97	1.97	.203	.	.	
				stderr	0.13	0.32	7	0.04	2	2.87	0.48	2.68	0.09	0.1	0.1	.008	.	.	
				n	60	60	60	60	60	60	60	32	32	32	0	32	0	0	
p13	1996	SM	IMP	mean	24.42	8.2	428	8.2	19	22.5	4.3	18.5	2.05	1.14	1.14	.042	.	.	
				median	24.4	8.3	430	8.2	19	20.3	4.1	17	2.09	1.15	1.15	.04	.	.	
				minimum	22.9	6.7	405	7.9	8	5.2	1.9	8.4	1.66	0.84	0.84	.019	.	.	
				maximum	26.7	10.6	455	8.9	44	78.8	9.9	34.9	2.38	1.53	1.53	.074	.	.	
				stderr	0.14	0.15	3	0.03	1.52	2.62	0.32	1.24	0.06	0.05	0.05	.003	.	.	
				n	30	30	30	30	30	30	30	16	16	16	0	16	0	0	
p13	1996	FL	MC	mean	14.62	9.4	366	8.5	17	21	3.8	14.7	0.86	0.35	0.35	.088	0.018	.	
				median	14.8	9.1	365	8.4	16	19.9	3.7	13.4	0.82	0.31	0.31	.088	0.017	.	
				minimum	13	8.5	357	8.2	13	14	2.7	7.6	0.7	0.1	0.1	.063	.002	.	
				maximum	16.4	12.3	389	8.9	23	34.9	5.1	23.4	1.16	0.72	0.72	.114	0.029	.	
				stderr	0.14	0.17	1	0.03	0.46	0.76	0.12	0.69	0.03	0.04	0.04	.004	0.002	.	
				n	30	30	30	30	30	30	30	30	16	16	16	16	16	0	0
p13	1996	FL	SC	mean	14.39	9	370	8.4	20	25.5	4.1	12.3	0.93	0.36	0.36	0.1	.018	.	
				median	14.3	9.1	370	8.4	20	24.4	4	11.6	0.9	0.35	0.35	.094	0.017	.	
				minimum	13	8.6	358	8.1	13	17	3.1	3.1	0.76	0.24	0.24	.062	.005	.	
				maximum	15.4	10.6	409	8.8	30	37.1	5.4	20.4	1.16	0.63	0.63	.198	.038	.	
				stderr	0.14	0.07	2	0.02	0.8	1.01	0.12	0.56	0.03	0.03	0.03	.008	0.002	.	
				n	30	30	30	30	30	30	30	30	16	16	16	16	16	0	0
p13	1996	FL	BWC	mean	13.42	10	396	8.5	34	38.4	8.3	34	1.13	0.32	0.32	.177	0.018	.	
				median	13.4	10	397	8.5	31	37.4	6.6	23.7	1.04	0.3	0.3	.146	0.013	.	
				minimum	10.8	7.1	326	7.8	12	11.6	3.1	5.8	0.64	0.1	0.1	.074	.002	.	
				maximum	16.4	13.1	484	9.2	86	83.6	33	146.3	1.88	0.93	0.93	.598	.093	.	
				stderr	0.14	0.18	4	0.04	2.21	2.1	0.62	3.67	0.05	0.04	0.04	.019	.004	.	
				n	60	59	60	60	60	60	60	60	33	33	33	33	33	0	0
p13	1996	FL	IMP	mean	13.63	9.9	369	8.5	18	20	4.1	11.5	0.86	0.34	0.34	.147	0.015	.	
				median	14.2	9.6	369	8.5	17	19.5	4.2	11.3	0.85	0.36	0.36	.084	0.014	.	
				minimum	9.7	9.1	362	8.1	10	12.2	2.6	4.4	0.65	0.1	0.1	.062	.002	.	
				maximum	17.2	12.2	378	8.9	30	30.3	5.6	24.9	1.1	0.48	0.48	.78	.04	.	
				stderr	0.34	0.15	1	0.04	0.8	0.88	0.16	0.95	0.03	0.02	0.02	.045	0.003	.	
				n	30	29	30	30	30	30	30	30	18	18	18	18	18	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)	Total Phosph. (P mg/L)			
p13	1997	WN	MC	mean	0.07	11.2	378	7.6	3	2.3	1.1	1.2	2.69	1.77	1.77	0.098	0.059	27.6	3.5
				median	0.1	11.2	377	7.6	3	1.8	1.3	1	2.57	1.74	1.74	0.097	0.053	28	2
				minimum	0	10.4	364	7.3	2	0.6	0.6	1	2.19	1.52	1.52	0.076	0.031	6	0
				maximum	0.2	11.5	425	7.9	6	6.9	2.9	4.7	3.69	2.54	2.54	0.148	0.12	56	14
				stderr	0.01	0.05	2	0.03	0.14	0.25	0.1	0.13	0.1	0.05	0.05	0.004	0.006	1.7	0.7
				n	31	31	31	31	30	31	31	31	17	17	17	17	31	31	31
p13	1997	WN	SC	mean	0.06	11	388	7.7	4	2.4	1.1	1.1	2.74	1.88	1.88	0.102	0.057	23	7.4
				median	0.1	10.7	386	7.7	4	2.2	1.2	1	2.67	1.85	1.85	0.099	0.042	25	5
				minimum	0	10.5	368	7.4	3	0.6	0.6	1	2.36	1.52	1.52	0.069	0.015	8	0
				maximum	0.2	15.2	411	7.9	9	4.8	2.8	2.2	3.42	2.34	2.34	0.153	0.106	39	18
				stderr	0.01	0.16	2	0.03	0.23	0.22	0.1	0.04	0.07	0.06	0.06	0.006	0.008	1.5	0.9
				n	29	29	29	29	29	29	29	29	16	16	16	16	30	30	30
p13	1997	WN	BWC	mean	0.43	10.3	399	7.7	7	5.1	2.1	12.2	2.76	1.73	1.73	0.168	0.069	29.1	6.9
				median	0.2	10.8	384	7.8	5	2.6	1.5	3.5	2.71	1.86	1.86	0.101	0.04	30	6
				minimum	0	0.8	164	7.2	2	0.6	0.6	1	0.91	0	0	0.05	0.001	15	0
				maximum	2	16.7	565	8	54	44.2	20.9	88.6	4.17	2.93	2.93	2.002	0.726	40	17
				stderr	0.06	0.35	9	0.02	1.04	0.9	0.35	2.69	0.12	0.12	0.058	0.022	0.9	0.5	
				n	59	59	59	59	57	59	59	58	32	33	33	33	60	60	60
p13	1997	WN	IMP	mean	0.11	12	387	7.8	3	1.9	1.3	5	2.52	1.77	1.77	0.089	0.047	34.1	2.6
				median	0.1	11.2	381	7.8	3	1.7	1.3	1	2.45	1.79	1.79	0.083	0.042	36	2
				minimum	0	10.4	367	7.3	2	0.6	0.6	1	2.22	1.51	1.51	0.064	0.001	22	0
				maximum	0.7	21.7	511	8.6	6	8.6	3.5	92.2	3.09	2.19	2.19	0.16	0.113	42	8
				stderr	0.02	0.47	5	0.05	0.17	0.28	0.14	3.17	0.06	0.04	0.04	0.006	0.006	1	0.3
				n	29	29	29	29	28	29	29	29	18	17	17	18	30	30	30
p13	1997	SP	MC	mean	7.67	10.7	310	7.8	19	27	4.1	9.5	2.91	1.94	1.94	0.125	0.012	.	.
				median	7.6	10.7	309	7.8	19	28.4	4.3	9.1	2.76	1.91	1.91	0.124	0.013	.	.
				minimum	6.9	10.3	272	7.7	14	16.6	1.9	6	2.47	1.74	1.74	0.105	0.001	.	.
				maximum	9.1	11	344	7.9	25	35.7	4.9	13.8	3.54	2.37	2.37	0.148	0.02	.	.
				stderr	0.13	0.03	3	0.01	0.41	0.85	0.12	0.37	0.09	0.04	0.04	0.003	0.001	.	.
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0	0
p13	1997	SP	SC	mean	7.83	10.8	306	7.8	17	25.3	4	10.1	2.78	1.84	1.84	0.117	0.011	.	.
				median	7.7	10.8	312	7.8	18	25.9	4.1	9	2.75	1.85	1.85	0.117	0.011	.	.
				minimum	6.9	10.4	264	7.7	13	16.2	3.1	6.7	2.32	1.48	1.48	0.096	0.001	.	.
				maximum	9.3	11.3	350	8	21	33.8	5.3	17	3.5	2.26	2.26	0.134	0.027	.	.
				stderr	0.14	0.03	4	0.02	0.37	0.89	0.1	0.51	0.08	0.06	0.06	0.002	0.002	.	.
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0	0
p13	1997	SP	BWC	mean	8.3	11	305	7.9	15	20	3.7	13	2.61	1.75	1.75	0.11	0.008	.	.
				median	8.4	10.8	306	7.9	16	20.4	3.7	12.8	2.53	1.69	1.69	0.114	0.005	.	.
				minimum	6.9	10.4	263	7.7	1	7.7	2.6	5.9	1.99	1.33	1.33	0.03	0.001	.	.
				maximum	9.3	14.1	351	8.5	24	37.3	5.3	32.5	3.81	2.47	2.47	0.136	0.03	.	.
				stderr	0.08	0.07	3	0.02	0.48	0.81	0.08	0.63	0.07	0.05	0.05	0.003	0.001	.	.
				n	60	59	59	60	60	60	60	60	32	31	31	33	33	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)			
p13	1997	SP	IMP	mean	7.94	11	304	7.8	17	22.1	3.7	10.2	2.96	1.85	1.85	0.112	0.012	.
				median	7.8	10.9	312	7.8	18	22.8	3.8	9	2.9	1.86	1.86	0.114	0.007	.
				minimum	7.4	10.7	258	7.8	9	8.1	2.8	7.2	2.51	1.49	1.49	0.087	0.001	.
				maximum	9.9	12.3	345	8.1	22	34	4.9	19.8	3.54	2.12	2.12	0.128	0.034	.
				stderr	0.09	0.06	4	0.01	0.58	1.22	0.1	0.56	0.08	0.03	0.03	0.003	0.003	.
				n	30	30	30	30	30	30	30	30	17	17	17	17	0	0
p13	1997	SM	MC	mean	25.91	5.3	410	7.8	26	39.4	5.2	10.7	2.39	1.77	1.77	0.195	0.049	.
				median	26.4	5.2	410	7.8	26	38.7	5.3	11.1	2.33	1.74	1.74	0.174	0.05	.
				minimum	24.8	4.6	401	7.6	17	25.3	3	3.3	2.22	1.54	1.54	0.146	0.032	.
				maximum	26.7	5.9	433	7.9	37	62.6	7.1	17.4	2.63	2.07	2.07	0.492	0.064	.
				stderr	0.12	0.04	1	0.01	0.89	1.68	0.19	0.68	0.03	0.04	0.04	0.02	0.002	.
				n	30	30	30	30	30	30	30	30	17	17	17	16	0	0
p13	1997	SM	SC	mean	26.11	5.3	412	7.8	29	40.8	5.3	10	2.39	1.79	1.79	0.181	0.054	.
				median	26.2	5.3	412	7.8	29	40.6	5.3	10.5	2.36	1.76	1.76	0.188	0.055	.
				minimum	24.7	4.6	400	7.6	14	0.7	1.8	2.4	2.13	1.52	1.52	0.044	0.034	.
				maximum	27.2	6.4	427	7.9	48	80.7	8.1	17.4	2.71	2.17	2.17	0.219	0.075	.
				stderr	0.12	0.07	1	0.01	1.31	2.58	0.27	0.75	0.04	0.05	0.05	0.01	0.003	.
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0
p13	1997	SM	BWC	mean	25.95	6.4	408	8.1	27	25.4	6.6	28.9	1.91	0.91	0.91	0.36	0.169	.
				median	25.9	5.8	412	7.9	27	21.8	5.7	19.1	1.99	1.2	1.2	0.2	0.06	.
				minimum	23	0.6	293	7.2	5	4.4	0.7	1	0.9	0	0	0.117	0.018	.
				maximum	28.9	13.1	460	9.3	83	56.6	16.6	116.9	2.53	1.9	1.9	1.355	0.608	.
				stderr	0.15	0.36	3	0.07	1.62	1.75	0.43	3.35	0.09	0.14	0.14	0.057	0.037	.
				n	60	60	60	60	60	60	60	60	32	32	32	31	0	0
p13	1997	SM	IMP	mean	25.15	5.9	410	7.9	25	33.5	5.1	6.7	2.46	1.86	1.86	0.173	0.052	.
				median	24.9	5.4	411	7.8	25	33.1	5.2	5.7	2.52	1.85	1.85	0.179	0.055	.
				minimum	23	4	377	7.6	2	2.4	1.9	1	2.11	1.52	1.52	0.131	0.033	.
				maximum	27	14.3	416	9.1	45	66.2	8.1	12.9	2.74	2.07	2.07	0.207	0.07	.
				stderr	0.18	0.33	1	0.05	1.84	3.21	0.29	0.64	0.06	0.05	0.05	0.006	0.003	.
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0
p13	1997	FL	MC	mean	19.68	8.1	369	8.1	15	16.1	3.1	6.9	1.33	0.77	0.77	0.116	0.026	.
				median	19.8	8.2	368	8.1	15	15.5	3.1	6.2	1.33	0.77	0.77	0.114	0.027	.
				minimum	19	7.5	364	8	9	9.1	2.1	2.2	1.23	0.65	0.65	0.104	0.01	.
				maximum	20.5	8.6	394	8.3	28	27.9	4.3	16.6	1.5	0.91	0.91	0.14	0.04	.
				stderr	0.09	0.04	1	0.01	0.66	0.77	0.11	0.55	0.02	0.02	0.02	0.002	0.002	.
				n	30	30	30	30	30	30	30	30	17	17	17	17	0	0
p13	1997	FL	SC	mean	20.05	8	374	8.1	20	22.6	3.7	5	1.4	0.8	0.8	0.126	0.031	.
				median	20	8	374	8.1	18	21.6	3.6	5	1.43	0.77	0.77	0.128	0.028	.
				minimum	19	7.3	362	8	8	8.9	2.2	1	1.21	0.62	0.62	0.048	0.018	.
				maximum	20.9	8.5	394	8.2	39	42.8	5.9	10.1	1.55	0.93	0.93	0.168	0.048	.
				stderr	0.09	0.06	2	0.01	1.4	1.59	0.15	0.38	0.02	0.02	0.02	0.006	0.002	.
				n	30	30	29	30	30	30	30	30	17	17	17	17	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)	Total Phosph. (P mg/L)			
p13	1997	FL	BWC	mean	22.09	8.3	418	8.4	28	30.1	7	23.5	1.17	0.21	0.21	0.186	0.021	.	.
				median	22.4	8.4	411	8.4	27	28.8	6.5	20.4	1.12	0.03	0.03	0.185	0.02	.	.
				minimum	19.3	4	341	7.7	11	9.2	3.6	1	0.85	0.02	0.02	0.086	0.001	.	.
				maximum	24.4	13.4	546	9.6	58	82	14.3	73.8	1.7	0.78	0.78	0.278	0.04	.	.
				stderr	0.16	0.22	6	0.05	1.4	1.77	0.34	2.13	0.04	0.05	0.05	0.009	0.002	.	.
				n	60	60	60	60	60	60	60	60	32	32	32	32	32	0	0
p13	1997	FL	IMP	mean	19.23	8.2	373	8.2	28	28.7	4.2	4.5	1.31	0.71	0.71	0.137	0.037	.	.
				median	19.8	8.1	373	8.1	18	19.9	3.5	3.5	1.32	0.72	0.72	0.129	0.038	.	.
				minimum	10.1	7.3	366	8	12	7.5	1.6	1	1.06	0.63	0.63	0.098	0.021	.	.
				maximum	21	12.1	383	8.6	93	107.8	12.1	11.8	1.55	0.81	0.81	0.251	0.056	.	.
				stderr	0.35	0.16	1	0.02	3.72	4.25	0.4	0.6	0.03	0.01	0.01	0.009	0.002	.	.
				n	30	30	30	30	30	30	30	30	17	17	17	17	17	0	0
p13	1998	WN	MC	mean	0.11	12.8	416	8.1	3	3.5	1.9	14.6	2.07	1.52	1.52	0.051	0.004	11	1.1
				median	0.1	12.5	414	8.1	3	3.5	2	13.7	2	1.44	1.44	0.05	0.002	13	0
				minimum	0	11.9	397	7.9	3	0.6	0.6	7.8	1.85	1.29	1.29	0.038	0.001	0	0
				maximum	0.2	14.1	456	8.2	5	5.4	2.6	27.9	2.79	2.32	2.32	0.064	0.015	21	6
				stderr	0.01	0.14	3	0.02	0.1	0.19	0.08	0.87	0.06	0.06	0.06	0.002	0.001	1.3	0.3
				n	30	30	30	30	30	29	30	17	17	17	17	17	30	30	
p13	1998	WN	SC	mean	0.08	12.6	426	8.1	4	4.5	2.5	14.7	2.19	1.65	1.65	0.052	0.004	10.8	1
				median	0.1	12.5	418	8.1	3	3.7	2	14.5	2.14	1.65	1.65	0.053	0.003	11	0
				minimum	0	11.7	398	7.9	3	2.5	1.3	7.3	1.87	1.31	1.31	0.039	0.001	0	0
				maximum	0.2	13.7	473	8.3	6	19.4	16.4	24.2	2.82	2.25	2.25	0.064	0.009	19	5
				stderr	0.01	0.11	3	0.02	0.16	0.54	0.48	0.78	0.07	0.07	0.07	0.002	0.001	1	0.3
				n	30	30	30	30	30	30	30	18	18	18	18	18	30	30	
p13	1998	WN	BWC	mean	0.89	11.1	490	7.9	5	5.5	2.8	18	1.65	0.99	0.99	0.064	0.002	15.6	2.7
				median	0.5	12.3	467	8	4	3.5	2.4	13.2	1.81	1.35	1.35	0.057	0.001	17	3
				minimum	0	0.2	369	7	2	0.6	0.6	1	0.67	0	0	0.035	0.001	2	0
				maximum	3.5	16.1	867	8.4	41	42.3	12.3	206.5	2.99	2.5	2.5	0.202	0.009	23	7
				stderr	0.13	0.44	14	0.05	0.8	0.92	0.23	3.56	0.12	0.14	0.14	0.005	0	0.6	0.3
				n	59	59	59	59	59	59	59	31	31	31	31	31	59	59	
p13	1998	WN	IMP	mean	0.07	13.8	420	8.2	3	3.5	2.1	17	2.13	1.65	1.65	0.045	0.002	16.3	1.3
				median	0.1	13.9	420	8.2	3	3.4	2	14.8	2.11	1.6	1.6	0.045	0.001	17	1
				minimum	0	12.6	406	8	3	2.7	1.6	4.6	1.84	1.38	1.38	0.002	0.001	3	0
				maximum	0.4	16.4	438	8.5	5	6.4	2.8	74.4	2.47	2.01	2.01	0.066	0.007	21	5
				stderr	0.01	0.14	2	0.02	0.11	0.13	0.06	2.13	0.04	0.05	0.05	0.003	0	0.7	0.3
				n	30	30	30	30	30	30	30	18	18	18	18	18	30	30	
p13	1998	SP	MC	mean	13.24	10.2	465	8.1	22	39.8	6.2	20.4	4.25	3.82	3.82	0.156	0.022	.	.
				median	13.7	10.1	464	8.1	22	38.8	5.8	19.6	4.3	3.85	3.85	0.129	0.021	.	.
				minimum	11.7	9.4	439	8.1	16	25.2	4.5	13.9	3.17	2.63	2.63	0.1	0.011	.	.
				maximum	14.1	11	488	8.3	31	55.6	14.6	31.1	4.91	4.85	4.85	0.631	0.038	.	.
				stderr	0.15	0.08	2	0.01	0.72	1.41	0.32	0.69	0.1	0.13	0.13	0.03	0.002	.	.
				n	30	30	30	30	30	30	30	17	17	17	17	17	0	0	

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
p13	1998	SP	SC	mean	13.11	10.1	462	8.2	23	40	6.4	21.8	4.04	3.59	3.59	0.123	0.017	.	.
				median	13.7	10	471	8.2	24	37.1	6.4	22	3.91	3.46	3.46	0.121	0.016	.	.
				minimum	11.3	9	374	8	15	22.9	4.8	12.9	2.35	1.66	1.66	0.096	0.007	.	.
				maximum	14.2	11.2	490	8.6	34	60.9	8.6	39.7	5.54	5.35	5.35	0.166	0.037	.	.
				stderr	0.18	0.11	5	0.02	0.94	2.04	0.18	1.08	0.15	0.18	0.18	0.004	0.002	.	.
				n	31	31	31	31	31	31	31	19	19	19	19	19	0	0	0
p13	1998	SP	BWC	mean	13.44	11	414	8.4	27	38.5	8.2	24.5	3.61	3.03	3.03	0.14	0.019	.	.
				median	13.4	10.7	454	8.3	19	24.2	6.4	23.5	3.87	3.56	3.56	0.117	0.017	.	.
				minimum	11.2	8.9	283	7.9	4	4.9	2.4	9.2	1.19	0	0	0.072	0.001	.	.
				maximum	16	25	487	9.3	158	215.3	30.6	74.4	5.57	5.92	5.92	0.404	0.052	.	.
				stderr	0.15	0.27	10	0.04	3.55	5.51	0.74	1.43	0.23	0.31	0.31	0.014	0.002	.	.
				n	60	60	60	60	60	60	60	34	34	34	34	34	0	0	0
p13	1998	SP	IMP	mean	13.33	10.5	461	8.1	21	37.3	5.8	17.2	4.41	4.12	4.12	0.112	0.02	.	.
				median	13.4	10.5	458	8.1	22	39.8	5.9	17.9	4.22	3.91	3.91	0.116	0.02	.	.
				minimum	11.4	9	357	7.9	8	10.3	3.6	1	3.69	3.36	3.36	0.052	0.001	.	.
				maximum	14.3	13.2	572	8.6	27	50.3	7.2	21.7	5.49	5.4	5.4	0.151	0.031	.	.
				stderr	0.12	0.12	5	0.02	0.78	1.83	0.15	0.75	0.12	0.14	0.14	0.006	0.002	.	.
				n	30	30	30	30	30	30	30	16	16	16	16	16	0	0	0
p13	1998	SM	MC	mean	25.92	8.1	432	8.2	15	20.6	5.3	25.3	1.73	1.14	1.14	0.125	0.033	.	.
				median	25.9	8.1	432	8.2	15	19.6	5.1	24.2	1.8	1.18	1.18	0.128	0.032	.	.
				minimum	24.8	6.6	426	8	10	8.2	2.8	2.4	1.34	0.8	0.8	0.018	0.014	.	.
				maximum	26.6	9.9	442	8.5	23	54.2	7.8	37.5	2.02	1.43	1.43	0.187	0.068	.	.
				stderr	0.08	0.12	1	0.02	0.49	1.33	0.15	1.33	0.05	0.06	0.06	0.011	0.003	.	.
				n	30	30	30	30	30	30	30	30	17	17	17	16	16	0	0
p13	1998	SM	SC	mean	26.09	8	442	8.1	22	27.7	5.9	21.8	2.02	1.44	1.44	0.138	0.031	.	.
				median	26.3	8.2	434	8.1	18	24	5.5	22.1	1.88	1.33	1.33	0.131	0.03	.	.
				minimum	23.3	5.8	421	7.9	11	11.1	3.8	1	1.47	0.89	0.89	0.069	0.02	.	.
				maximum	27.4	9.6	503	8.3	66	105.9	13.4	51.3	3.06	2.51	2.51	0.243	0.047	.	.
				stderr	0.15	0.16	4	0.02	2.2	3.07	0.36	1.6	0.1	0.11	0.11	0.013	0.002	.	.
				n	30	30	30	30	30	30	30	30	17	17	17	15	15	0	0
p13	1998	SM	BWC	mean	25.88	7	411	8.1	28	24.7	9.6	47.8	1.32	0.41	0.41	0.218	0.058	.	.
				median	26.3	7.8	431	8.1	25	22.7	7.3	34.5	1.29	0.11	0.11	0.206	0.051	.	.
				minimum	20.8	0.5	318	6.8	2	2	2.2	2.9	0.65	0.01	0.01	0.031	0.021	.	.
				maximum	29.8	12.9	544	9.5	75	58.7	28.1	198.6	1.99	1.36	1.36	0.5	0.163	.	.
				stderr	0.24	0.46	6	0.07	2.63	2.07	0.79	6.09	0.07	0.08	0.08	0.019	0.006	.	.
				n	60	60	60	60	60	59	59	60	31	32	32	31	30	0	0
p13	1998	SM	IMP	mean	25.03	6.7	427	8.1	15	15.1	4.2	14.4	1.45	0.82	0.82	0.122	0.037	.	.
				median	25.4	6.9	434	8.2	16	15.6	4.3	11.6	1.55	0.92	0.92	0.123	0.037	.	.
				minimum	22.7	0.9	310	7.2	1	1.7	2	1.6	0.7	0.09	0.09	0.063	0.006	.	.
				maximum	26.5	11.6	454	9.3	32	35.2	7	59.5	2.04	1.38	1.38	0.196	0.065	.	.
				stderr	0.16	0.44	5	0.07	1.29	1.46	0.22	2.3	0.09	0.09	0.09	0.011	0.004	.	.
				n	30	30	30	30	30	30	30	30	17	17	17	16	16	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters												Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)	Total Phosph. (P mg/L)			
p13	1998	FL	MC	mean	13.95	9	427	8	22	26.4	5.4	7.6	1.61	1.05	1.05	0.16	0.05	.	.
				median	13.9	9	424	8.1	18	22.2	5	7	1.5	0.95	0.95	0.147	0.049	.	.
				minimum	13.4	8.6	409	7.9	13	17.6	3.6	3.7	1.29	0.77	0.77	0.116	0.034	.	.
				maximum	15.1	9.2	452	8.1	85	98.1	13.1	14.2	2.32	1.64	1.64	0.325	0.076	.	.
				stderr	0.06	0.03	2	0.01	2.71	3.31	0.36	0.42	0.08	0.07	0.07	0.012	0.002	.	.
				n	30	30	30	30	30	30	30	30	16	16	16	16	16	0	0
p13	1998	FL	SC	mean	13.88	8.6	441	8	26	28.6	5.6	6	1.9	1.35	1.35	0.158	0.045	.	.
				median	14	8.9	434	8.1	20	24.6	5.3	5.6	1.91	1.44	1.44	0.149	0.045	.	.
				minimum	8.3	5	360	7.6	13	14.5	3.4	2.9	0.96	0.03	0.03	0.117	0.025	.	.
				maximum	15.5	9.5	600	8.1	92	71.3	10.9	12.3	2.88	2.34	2.34	0.289	0.098	.	.
				stderr	0.24	0.19	7	0.03	3.15	2.23	0.28	0.38	0.15	0.16	0.16	0.009	0.004	.	.
				n	30	30	30	30	30	30	30	30	16	16	16	16	16	0	0
p13	1998	FL	BWC	mean	13.83	10.6	410	8.3	32	30.2	8.2	19.8	1.65	0.91	0.91	0.174	0.046	.	.
				median	14.3	9.6	411	8.2	22	24.2	7.3	7.9	1.47	0.78	0.78	0.148	0.039	.	.
				minimum	11.1	6.6	308	7.6	3	2	2.6	1	0.58	0	0	0.056	0.001	.	.
				maximum	16.7	25	681	9.5	178	124.2	16.6	87.3	3.94	2.64	2.64	0.461	0.134	.	.
				stderr	0.18	0.39	7	0.05	4.31	3.16	0.48	2.74	0.14	0.14	0.14	0.014	0.006	.	.
				n	60	59	60	60	60	60	60	60	35	35	35	35	35	0	0
p13	1998	FL	IMP	mean	14.15	8.8	434	8.1	40	38.8	6.8	4.4	2.08	1.45	1.45	0.197	0.059	.	.
				median	14.1	8.7	432	8.1	30	30.4	5.5	3.4	2.09	1.52	1.52	0.178	0.051	.	.
				minimum	12.7	7.5	411	7.8	18	17.4	4.4	1.4	1.63	1.1	1.1	0.165	0.019	.	.
				maximum	15.3	11.4	463	8.4	124	116.4	21.8	23.1	2.86	2.04	2.04	0.294	0.125	.	.
				stderr	0.1	0.13	3	0.03	4.94	4.33	0.69	0.73	0.07	0.06	0.06	0.01	0.007	.	.
				n	30	30	30	30	30	30	30	30	17	17	17	17	17	0	0
p13	1999	WN	MC	mean	0.15	11.3	464	7.9	4	3.6	2.9	2.6	3.07	2.12	2.12	0.102	0.033	14.6	0
				median	0.1	11.3	462	7.9	3	3.1	2.9	2.7	3.08	2.03	2.03	0.088	0.027	16	0
				minimum	0	10.6	438	7.6	3	1.8	1.8	1.9	2.5	1.96	1.96	0.08	0.014	0	0
				maximum	0.7	12.9	485	8.2	13	11.9	5.6	3.2	3.61	2.87	2.87	0.153	0.066	24	0
				stderr	0.02	0.08	2	0.02	0.34	0.36	0.13	0.14	0.23	0.06	0.06	0.017	0.012	1.1	0
				n	30	30	30	30	30	30	27	8	4	17	17	4	4	30	30
p13	1999	WN	SC	mean	0.16	11	471	7.9	5	4.2	2.9	3.2	3.78	2.41	2.41	0.121	0.029	14	0
				median	0.2	10.9	475	7.9	4	3.2	2.7	2.8	3.81	2.4	2.4	0.114	0.021	15	0
				minimum	0	10.5	379	7.7	2	1.7	1.9	2.2	3.47	1.92	1.92	0.091	0.012	0	0
				maximum	0.7	12.7	501	8	18	23.1	5.1	5.7	4.04	3.24	3.24	0.165	0.072	29	0
				stderr	0.02	0.08	4	0.01	0.55	0.73	0.12	0.45	0.12	0.11	0.11	0.016	0.009	1.4	0
				n	30	30	30	30	30	30	30	7	4	17	17	4	6	30	30
p13	1999	WN	BWC	mean	1.51	10	467	7.7	7	7	4.5	10	2.67	1.48	1.48	0.12	0.014	19.1	0
				median	1	11	468	7.8	5	5.2	4.1	5.4	2.71	1.69	1.69	0.089	0.002	20	0
				minimum	0	0.1	237	5.8	2	1.9	2.2	1.6	0.75	0.02	0.02	0.037	0.001	0	0
				maximum	5	17.9	640	9	28	28.3	10	51.6	4.35	3.3	3.3	0.442	0.065	30	0
				stderr	0.2	0.51	9	0.05	0.72	0.75	0.25	1.93	0.25	0.2	0.2	0.019	0.004	0.7	0
				n	60	60	60	60	60	60	39	25	33	33	25	27	60	60	

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
p13	1999	WN	IMP	mean	0.16	11.3	463	7.9	5	4.3	3.8	-	-	2.37	2.37	-	0.044	21.9	0
				median	0.1	11.1	460	8	5	4	3.9	-	-	2.35	2.35	-	0.055	22	0
				minimum	0	10	436	7.4	4	2.4	2.3	-	-	0.37	0.37	-	0.001	0	0
				maximum	2.5	14.1	576	8.1	8	7	5.3	-	-	4.89	4.89	-	0.095	32	0
				stderr	0.08	0.16	4	0.02	0.27	0.23	0.15	-	-	0.22	0.22	-	0.009	1	0
				n	30	30	30	30	30	30	30	0	0	16	16	0	11	30	30
p13	1999	SP	MC	mean	12.12	9.4	400	7.9	34	60.8	8.7	11.8	4.22	3.53	3.53	0.134	0.02	-	-
				median	12	9.4	397	7.9	35	59.4	8.4	12.2	4.23	3.55	3.55	0.134	0.018	-	-
				minimum	11.6	9.1	386	7.8	3	42.7	6.3	6.4	3.72	2.86	2.86	0.107	0.009	-	-
				maximum	13.3	9.6	425	8	42	85.1	11.1	15.3	4.74	4.16	4.16	0.151	0.03	-	-
				stderr	0.09	0.03	2	0.01	1.3	2.13	0.24	0.37	0.08	0.09	0.09	0.003	0.002	-	-
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0	0
p13	1999	SP	SC	mean	12.18	9.2	411	7.9	36	58.4	8.4	11.7	4.17	3.49	3.49	0.128	0.018	-	-
				median	12.1	9.3	411	7.9	34	52.8	8	11.1	3.82	3.16	3.16	0.123	0.017	-	-
				minimum	11.6	8.9	386	7.8	18	16.9	6.2	8.6	3.37	2.78	2.78	0.083	0.008	-	-
				maximum	13.8	9.6	479	8.1	59	123.2	11.8	21.7	5.5	4.68	4.68	0.225	0.035	-	-
				stderr	0.08	0.03	4	0.01	1.68	3.86	0.29	0.51	0.18	0.18	0.18	0.008	0.002	-	-
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0	0
p13	1999	SP	BWC	mean	12.52	10.1	386	8.3	25	33.5	10.3	30.9	3.17	2.31	2.31	0.123	0.01	-	-
				median	12.2	9.4	396	8.1	23	27.4	9.3	14.8	3.29	2.67	2.67	0.117	0.011	-	-
				minimum	11.2	8.2	316	7.8	7	9.8	3.8	6.4	1.27	0.1	0.1	0.074	0.002	-	-
				maximum	15.3	17.7	495	9.1	52	92.4	23.2	86	5.46	4.78	4.78	0.2	0.028	-	-
				stderr	0.13	0.25	6	0.06	1.3	2.64	0.59	3.18	0.22	0.26	0.26	0.006	0.001	-	-
				n	59	59	59	59	59	59	59	33	33	33	33	32	0	0	0
p13	1999	SP	IMP	mean	12.95	9.5	416	8.1	37	60.7	9.4	12.5	4.3	3.57	3.57	0.134	0.014	-	-
				median	13.3	9.3	413	8.1	36	60.6	9.6	12.3	4.21	3.51	3.51	0.129	0.013	-	-
				minimum	11.5	8.8	404	7.9	17	18.5	5.4	8.2	4.01	3.26	3.26	0.1	0.007	-	-
				maximum	14.9	11.4	437	8.4	49	94.5	12	26.8	4.93	4.29	4.29	0.17	0.027	-	-
				stderr	0.19	0.09	2	0.02	1.44	3.03	0.26	0.59	0.07	0.07	0.07	0.005	0.001	-	-
				n	31	31	31	31	31	31	31	31	16	16	16	16	0	0	0
p13	1999	SM	MC	mean	28.77	5.9	385	7.9	41	57.2	9.2	12.4	2.93	2.27	2.27	0.215	0.067	-	-
				median	28.5	5.5	383	7.8	42	57.2	9.3	10.6	2.96	2.27	2.27	0.224	0.067	-	-
				minimum	28.2	5.2	372	7.7	25	24.7	7	5	2.66	1.89	1.89	0.123	0.051	-	-
				maximum	31.7	10.7	397	8.7	52	75.8	10.7	23.4	3.26	2.7	2.7	0.252	0.084	-	-
				stderr	0.12	0.18	1	0.03	1.22	2.07	0.17	0.94	0.05	0.06	0.06	0.009	0.002	-	-
				n	30	30	30	30	30	30	30	30	16	16	16	16	0	0	0
p13	1999	SM	SC	mean	29.2	5.5	391	7.8	40	52.4	8.9	11.1	2.88	2.24	2.24	0.208	0.074	-	-
				median	29	5.3	384	7.8	43	57.9	9	10	2.9	2.19	2.19	0.222	0.075	-	-
				minimum	28.3	4.9	376	7.6	21	16	5.8	1	2.56	1.81	1.81	0.149	0.056	-	-
				maximum	30.6	6.7	589	8	49	76.2	13	20.8	3.41	2.74	2.74	0.243	0.087	-	-
				stderr	0.14	0.09	7	0.02	1.45	2.8	0.22	0.8	0.06	0.06	0.06	0.007	0.002	-	-
				n	30	30	30	30	30	30	30	30	17	17	17	17	0	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
p13	2000	WN	SC	mean	0.19	12.9	438	7.8	3	3	2.1	3.9	2.52	1.97	1.97	0.069	0.011	17.2	9.5
				median	0.2	13	437	7.8	3	2.5	2.1	3.9	2.44	1.91	1.91	0.07	0.01	18	10
				minimum	0.1	10.5	424	7.7	2	0.5	1.7	1.9	2.15	1.7	1.7	0.052	0.005	4	2
				maximum	0.2	13.6	474	8	12	11.8	2.9	6.6	3.07	2.59	2.59	0.089	0.022	28	18
				stderr	0.01	0.12	2	0.01	0.34	0.38	0.06	0.22	0.11	0.1	0.1	0.004	0.002	1	0.7
				n	29	29	29	29	29	29	29	29	8	8	8	8	31	31	
p13	2000	WN	BWC	mean	0.99	12.7	470	7.8	4	5.5	3.6	13.2	1.78	1.11	1.11	0.069	0.003	17.5	5.1
				median	0.7	13	465	7.8	4	4.9	2.8	9	2.09	1.63	1.63	0.073	0.002	18	6
				minimum	0	4.2	366	7.5	2	1.5	1.7	3.2	0.65	0.1	0.1	0.037	0.002	0	0
				maximum	3	25	571	8.4	10	16.8	10.7	71.8	3.16	2.66	2.66	0.126	0.01	29	12
				stderr	0.12	0.48	6	0.02	0.25	0.4	0.27	1.58	0.17	0.2	0.2	0.005	0.001	0.7	0.5
				n	56	56	56	56	56	56	55	21	21	21	21	21	60	60	
p13	2000	WN	IMP	mean	0.27	13.7	430	8	3	3.7	2.7	7.6	2.37	1.88	1.88	0.064	0.011	17.1	7.8
				median	0.2	13.3	425	7.9	2	2.8	2.3	4.9	2.25	1.77	1.77	0.06	0.011	17	8
				minimum	0.1	12	406	7.4	2	0.5	1.7	2.7	2.06	1.54	1.54	0.034	0.002	10	2
				maximum	1.3	17.7	593	8.6	7	14.4	8.4	41.8	3	2.36	2.36	0.09	0.018	24	14
				stderr	0.05	0.28	6	0.05	0.23	0.53	0.23	1.57	0.1	0.08	0.08	0.005	0.001	0.7	0.6
				n	30	30	30	30	30	30	30	10	10	10	10	10	30	30	
p13	2000	SP	MC	mean	13.27	12.6	350	8.8	34	46	11.7	50.7	1.64	0.53	0.53	0.116	0.005	.	.
				median	13.5	12.9	351	8.8	31	46.2	11.8	53.9	1.65	0.53	0.53	0.113	0.006	.	.
				minimum	11.4	10.4	338	8.4	24	0.5	7.6	21.9	1.32	0.1	0.1	0.102	0.002	.	.
				maximum	14.8	14.3	366	9.1	59	68.7	13.8	78.5	1.93	0.94	0.94	0.143	0.009	.	.
				stderr	0.21	0.2	1	0.04	1.77	2.46	0.25	3.01	0.07	0.09	0.09	0.004	0.001	.	.
				n	30	30	30	30	30	30	30	10	10	10	10	10	0	0	
p13	2000	SP	SC	mean	13.56	12.5	364	8.8	36	46.9	11.6	50.1	2.54	1.51	1.51	0.139	0.005	.	.
				median	13.8	12.2	362	8.8	35	47.4	11.6	51.4	2.63	1.56	1.56	0.138	0.005	.	.
				minimum	11.1	10.2	338	8.4	22	31.4	8.7	20.5	1.64	0.49	0.49	0.115	0.002	.	.
				maximum	17.5	14.9	402	9.1	51	64.4	16.9	73	3.51	2.74	2.74	0.162	0.007	.	.
				stderr	0.24	0.25	4	0.04	1.39	1.41	0.32	3.13	0.2	0.22	0.22	0.005	0.001	.	.
				n	30	30	30	30	30	30	30	10	10	10	10	10	0	0	
p13	2000	SP	BWC	mean	14.52	13.2	363	8.7	32	40.5	14.4	45.3	1.44	0.37	0.37	0.157	0.004	.	.
				median	14	12.5	363	8.7	26	33.3	12.8	40.1	1.15	0.1	0.1	0.148	0.004	.	.
				minimum	11.9	9.5	266	8.2	12	14.2	6.5	1	0.91	0.1	0.1	0.093	0.002	.	.
				maximum	21.3	18.8	435	9.3	132	193	35.4	121.9	3.56	2.82	2.82	0.331	0.009	.	.
				stderr	0.3	0.29	3	0.03	2.54	3.42	0.65	3.57	0.15	0.15	0.15	0.011	0.001	.	.
				n	60	60	60	60	60	60	60	21	21	21	21	21	0	0	
p13	2000	SP	IMP	mean	12.78	12.6	365	8.6	31	32.5	10.3	28	2.23	1.31	1.31	0.114	0.01	.	.
				median	12.6	12.3	361	8.6	32	32.2	10.3	27.3	2.19	1.25	1.25	0.115	0.011	.	.
				minimum	10.5	10.8	351	8.4	18	20.3	8.1	17.1	1.75	0.81	0.81	0.1	0.002	.	.
				maximum	15.9	17.6	400	9.1	40	44.9	12.8	45.7	2.78	1.87	1.87	0.131	0.015	.	.
				stderr	0.24	0.29	2	0.03	0.94	1.05	0.19	1.22	0.12	0.12	0.12	0.003	0.001	.	.
				n	30	30	30	30	30	30	30	10	10	10	10	10	0	0	

Reach	Year	Season	Stratum	Statistic	Water Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Total Ammon. (N mg/L)	Soluble Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)
p13	2001	SP	BWC	mean	12.44	9.8	270	8	22	23.4	4.1	20.1	3.07	2.41	2.41	0.126	0.035	.	.
				median	12.3	9.4	279	7.8	21	19.1	3.8	10.4	3.28	2.5	2.5	0.125	0.04	.	.
				minimum	10.8	8.6	235	7.6	10	6.8	1.5	5.1	1.81	0.87	0.87	0.083	0.006	.	.
				maximum	14.6	12.7	310	8.9	43	50.1	9.5	68.8	3.95	3.34	3.34	0.174	0.053	.	.
				stderr	0.14	0.15	3	0.06	1.18	1.48	0.24	2.54	0.17	0.19	0.19	0.006	0.004	.	.
				n	60	60	60	60	60	60	60	60	19	19	19	20	20	0	0
p13	2001	SP	IMP	mean	11.1	9.4	250	7.8	27	26.3	3.4	7.9	3.24	2.62	2.62	0.129	0.042	.	.
				median	11.1	9.4	246	7.8	27	24.6	3.2	7.3	3.24	2.63	2.63	0.128	0.043	.	.
				minimum	10.6	8.8	235	7.7	15	10.7	2.5	5.1	2.72	2.01	2.01	0.107	0.027	.	.
				maximum	11.9	9.7	274	7.8	46	55.4	5.2	14.4	3.76	3.08	3.08	0.155	0.05	.	.
				stderr	0.06	0.03	2	0.01	1.29	1.83	0.14	0.43	0.09	0.09	0.09	0.004	0.002	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2001	SM	MC	mean	27.05	7.4	422	8.1	16	20.1	4.3	25.8	1.86	1.17	1.17	0.155	0.059	.	.
				median	26.9	7.7	419	8.2	16	19.9	4.1	25.1	1.83	1.1	1.1	0.152	0.058	.	.
				minimum	26.4	5.5	412	7.8	10	12.4	3.2	10.6	1.58	0.94	0.94	0.141	0.05	.	.
				maximum	28.5	9.8	436	8.4	24	34	6.7	47.6	2.34	1.57	1.57	0.175	0.077	.	.
				stderr	0.1	0.19	1	0.03	0.5	0.73	0.16	1.68	0.07	0.06	0.06	0.004	0.003	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2001	SM	SC	mean	27.37	7.7	426	8.1	17	21.8	5	26.2	2.08	1.3	1.3	0.156	0.065	.	.
				median	27.6	8.1	420	8.2	17	21.4	5.1	27.1	2.07	1.28	1.28	0.155	0.065	.	.
				minimum	25.9	4.4	412	7.7	11	14.3	3.5	9.1	1.77	1.03	1.03	0.135	0.049	.	.
				maximum	28.7	10.4	455	8.4	27	31.9	8.3	50.2	2.37	1.65	1.65	0.174	0.079	.	.
				stderr	0.14	0.3	2	0.04	0.72	0.77	0.19	2.03	0.07	0.07	0.07	0.004	0.003	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2001	SM	BWC	mean	25.9	5.6	389	7.9	19	18.8	4.9	20.1	1.32	0.47	0.47	0.281	0.139	.	.
				median	25.7	5.8	420	7.9	16	17.6	4	13.4	1.11	0.1	0.1	0.275	0.138	.	.
				minimum	21.7	0.2	247	7	2	1.4	1	1	0.81	0.1	0.1	0.144	0.046	.	.
				maximum	31.9	12.6	501	9.7	133	115.4	23.6	106.1	2.45	1.52	1.52	0.436	0.299	.	.
				stderr	0.29	0.4	8	0.07	2.69	2.46	0.55	3.03	0.11	0.11	0.11	0.021	0.015	.	.
				n	60	60	60	60	60	59	59	59	21	21	21	21	21	0	0
p13	2001	SM	IMP	mean	28.11	9	414	8.4	15	18.4	4.7	22.9	1.77	0.96	0.96	0.147	0.058	.	.
				median	28.1	8.8	424	8.4	15	19.8	4.8	25.9	1.82	1.01	1.01	0.151	0.058	.	.
				minimum	26.9	5.3	301	7.8	2	2.2	0.5	1	1.41	0.64	0.64	0.1	0.029	.	.
				maximum	29.9	15.5	437	9.9	29	60.4	14.9	48.4	1.97	1.17	1.17	0.174	0.087	.	.
				stderr	0.16	0.39	6	0.08	1.09	1.98	0.49	2.65	0.06	0.05	0.05	0.007	0.005	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2001	FL	MC	mean	13.65	10.4	396	8.4	23	24.9	4.2	22.8	1.65	1.03	1.03	0.129	0.038	.	.
				median	13.6	10.3	397	8.4	22	24.3	4	22.5	1.63	1.07	1.07	0.128	0.038	.	.
				minimum	13.1	9.7	387	8.2	16	14.4	3.1	16.9	1.44	0.85	0.85	0.108	0.025	.	.
				maximum	15.5	12.2	417	8.6	38	32.3	6	28.3	1.88	1.2	1.2	0.147	0.053	.	.
				stderr	0.08	0.09	1	0.02	0.78	0.68	0.12	0.53	0.05	0.04	0.04	0.004	0.002	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0

Reach	Year	Season	Stratum	Statistic	Water Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Total Ammon. (N mg/L)	Soluble Phosph. (P mg/L)	Soluble Phosph (P mg/L)	Ice (cm)	Snow (cm)
p13	2002	SP	MC	mean	11.87	8.3	260	7.7	33	63	9.2	19.2	1.76	0.83	0.83	0.129	0.027	.	.
				median	12	7.9	248	7.6	33	65.1	9.4	18.6	1.74	0.9	0.9	0.133	0.027	.	.
				minimum	10.4	6.9	237	7.5	13	18.2	5.8	13.7	1.64	0.1	0.1	0.11	0.022	.	.
				maximum	12.7	10.2	602	8.2	54	108.2	13.1	24.6	1.94	1.08	1.08	0.146	0.035	.	.
				stderr	0.14	0.18	12	0.02	2.03	4.48	0.36	0.53	0.03	0.09	0.09	0.004	0.001	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2002	SP	SC	mean	11.95	8.3	270	7.7	26	46.6	8.1	18.2	1.78	0.81	0.81	0.131	0.027	.	.
				median	12.1	7.8	258	7.7	27	44.9	8	18.5	1.79	0.87	0.87	0.136	0.027	.	.
				minimum	10.7	7	239	7.5	12	14.6	6.2	13.1	1.48	0.1	0.1	0.11	0.022	.	.
				maximum	13.1	10	596	8.2	35	86.4	11	24.8	1.96	1.2	1.2	0.152	0.033	.	.
				stderr	0.14	0.18	11	0.02	1.17	2.74	0.22	0.55	0.05	0.1	0.1	0.005	0.001	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2002	SP	BWC	mean	12.18	8.8	275	7.8	18	25.6	7.4	21	1.78	0.74	0.74	0.111	0.021	.	.
				median	12.4	8.4	267	7.7	18	23.6	7.1	17.8	1.8	0.83	0.83	0.113	0.024	.	.
				minimum	9.6	4.8	238	7.3	4	4.6	3.8	8.8	1.36	0.1	0.1	0.078	0.002	.	.
				maximum	13.3	13.3	370	8.9	37	65.2	13.4	57.3	2.06	1.29	1.29	0.128	0.031	.	.
				stderr	0.11	0.21	4	0.05	0.94	1.72	0.24	1.39	0.04	0.09	0.09	0.002	0.002	.	.
				n	60	60	60	60	60	60	60	21	21	21	21	21	0	0	
p13	2002	SP	IMP	mean	10.95	10	268	7.8	20	36.3	7.6	17.9	1.84	0.83	0.83	0.105	0.02	.	.
				median	10.8	10	259	7.8	20	34.1	7.6	18.1	1.7	0.87	0.87	0.106	0.02	.	.
				minimum	10.6	9.5	251	7.7	7	8.1	5	8.2	1.58	0.1	0.1	0.094	0.015	.	.
				maximum	12.5	11.2	375	8.3	27	59.8	10.1	27.6	3.28	2.47	2.47	0.113	0.025	.	.
				stderr	0.07	0.06	5	0.02	0.83	2.26	0.22	0.77	0.16	0.22	0.22	0.002	0.001	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2002	SM	MC	mean	26.74	6.8	366	7.9	22	28.8	5.9	20.1	1.77	0.91	0.91	0.183	0.061	.	.
				median	26.7	6.8	370	7.9	21	29	6	19.2	1.68	0.8	0.8	0.184	0.059	.	.
				minimum	25.8	6.2	340	7.8	12	15.2	4.7	12.2	1.45	0.65	0.65	0.17	0.043	.	.
				maximum	28.2	7.8	393	8.1	41	46.7	7.5	36.6	2.69	1.78	1.78	0.196	0.089	.	.
				stderr	0.11	0.08	2	0.02	1.25	1.45	0.14	1.01	0.11	0.1	0.1	0.003	0.005	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2002	SM	SC	mean	27.1	6.9	366	7.9	23	29.5	6	20.3	1.74	0.92	0.92	0.184	0.056	.	.
				median	26.8	6.8	374	7.9	22	28.2	5.9	20.8	1.77	0.93	0.93	0.183	0.058	.	.
				minimum	26.2	5.5	345	7.7	16	18.3	4.4	11.4	1.42	0.65	0.65	0.161	0.04	.	.
				maximum	29.4	9.5	381	8.3	38	41.6	7.6	29.2	2.03	1.31	1.31	0.207	0.072	.	.
				stderr	0.14	0.14	2	0.02	0.87	1.13	0.13	0.97	0.07	0.07	0.07	0.004	0.004	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	10	0	0
p13	2002	SM	BWC	mean	26.78	5.7	353	7.8	23	25.1	8.6	33	1.59	0.57	0.57	0.214	0.055	.	.
				median	26.9	6.5	369	7.9	23	27.6	6.7	25.2	1.71	0.56	0.56	0.212	0.046	.	.
				minimum	20.7	0.4	240	6.7	2	1	2.2	5.2	0.62	0.1	0.1	0.094	0.02	.	.
				maximum	30	11.5	454	9.4	63	52.9	35.3	172.2	2.53	1.39	1.39	0.374	0.243	.	.
				stderr	0.2	0.31	6	0.06	1.89	1.79	0.83	3.66	0.11	0.1	0.1	0.014	0.01	.	.
				n	60	60	60	60	60	60	60	60	20	20	20	21	21	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Total Phosph. (P mg/L)	Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)				
p13	2002	SM	IMP	mean	27.53	6.7	356	8	15	16.9	4.8	15.8	1.66	0.81	0.81	0.183	0.065	.	.
				median	27.4	6.3	353	7.9	16	17.4	4.9	11.6	1.72	0.83	0.83	0.183	0.066	.	.
				minimum	26	2.7	332	7.5	2	0.1	2.8	4.9	1.34	0.63	0.63	0.156	0.053	.	.
				maximum	30.4	13.3	391	8.9	25	31	8.2	115.6	1.92	1.06	1.06	0.198	0.071	.	.
				stderr	0.18	0.36	3	0.05	0.9	1.38	0.2	3.63	0.08	0.06	0.06	0.004	0.002	.	.
				n	30	30	30	30	30	30	30	30	9	9	9	10	10	0	0
p13	2004	WN	MC	mean	-0.24	14.6	445	7.9	3	3.5	3	7.1	2.25	.	.	0.038	.	23.7	7.9
				median	-0.2	15	444	7.9	3	3.4	3.2	7	2.23	.	.	0.038	.	24	7
				minimum	-0.3	13	432	7.6	2	1.2	1.5	2.3	2.08	.	.	0.03	.	5	1
				maximum	-0.2	16.1	478	8.4	5	6.4	4.9	17.7	2.42	.	.	0.048	.	41	16
				stderr	0.01	0.16	2	0.04	0.14	0.22	0.14	0.72	0.04	.	.	0.002	.	1.2	0.8
				n	30	30	30	30	30	30	30	30	11	0	0	11	0	30	30
p13	2004	WN	SC	mean	-0.14	14.2	451	8	3	3.3	2.9	7.7	2.51	.	.	0.044	.	22.3	8.3
				median	-0.2	14.7	452	8.1	3	3.3	2.8	8.4	2.62	.	.	0.042	.	22	8
				minimum	-0.2	7.2	431	7.4	1	1.8	1.7	2.7	1.97	.	.	0.032	.	0	0
				maximum	0.8	15.5	471	8.2	4	6.8	4.1	12.6	3.09	.	.	0.056	.	38	16
				stderr	0.04	0.3	2	0.04	0.14	0.18	0.14	0.55	0.12	.	.	0.003	.	1.3	0.7
				n	28	28	28	28	28	28	28	28	9	0	0	9	0	30	30
p13	2004	WN	BWC	mean	0.36	11.9	526	7.6	5	6.6	5.1	16.2	1.94	.	.	0.082	.	23.3	8.6
				median	0.2	13.6	498	7.6	4	4.7	3.7	9.9	2.03	.	.	0.058	.	24	8
				minimum	-0.2	0.7	285	6.9	2	2	1.6	1	0.99	.	.	0.032	.	10	3
				maximum	1.6	20	836	8.2	14	44.5	13.8	86.1	3.36	.	.	0.206	.	31	17
				stderr	0.09	0.69	16	0.06	0.39	0.97	0.45	2.56	0.19	.	.	0.013	.	0.6	0.4
				n	47	47	47	47	47	47	47	47	15	0	0	15	0	60	60
p13	2004	WN	IMP	mean	-0.09	12.1	474	7.7	3	6.1	3.8	8.2	2.31	.	.	0.042	.	28.4	8.5
				median	-0.2	13.4	452	7.8	3	2.7	2.5	3.3	2.32	.	.	0.036	.	29	9
				minimum	-0.2	0.7	440	7	2	2	1.7	2.3	1.86	.	.	0.031	.	21	2
				maximum	0.9	15.6	807	8	9	29.6	17.3	64	2.67	.	.	0.08	.	35	14
				stderr	0.05	0.74	14	0.05	0.3	1.38	0.62	2.41	0.07	.	.	0.004	.	0.7	0.7
				n	29	29	29	29	29	29	29	29	10	0	0	10	0	30	30
p13	2004	SP	MC	mean	12.92	10.8	287	9	29	50.2	13	61.3	1.46	0.25	0.25	0.144	0.001	.	.
				median	12.5	10.7	287	9.1	28	48.2	13	62.3	1.43	0.22	0.22	0.139	0.001	.	.
				minimum	12.1	10.4	249	8.8	24	40.7	11.3	48.6	1.28	0.14	0.14	0.113	0.001	.	.
				maximum	15	11.8	329	9.2	40	76.6	14.4	73.8	1.67	0.58	0.58	0.224	0.003	.	.
				stderr	0.15	0.07	2	0.02	0.8	1.3	0.14	1.2	0.04	0.04	0.04	0.01	0	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	9	0	0
p13	2004	SP	SC	mean	13.33	11.1	292	9	28	49	12.6	58.1	1.67	0.5	0.5	0.134	0.001	.	.
				median	13	11.2	289	9	28	46.6	12.4	58.5	1.66	0.34	0.34	0.133	0.001	.	.
				minimum	12.1	10.3	245	8.8	17	31	10.4	47	1.3	0.16	0.16	0.118	0.001	.	.
				maximum	14.6	12	327	9.1	39	72.7	15.7	69.6	2.22	1.19	1.19	0.154	0.003	.	.
				stderr	0.16	0.07	3	0.02	1.06	1.72	0.26	1.01	0.1	0.12	0.12	0.003	0	.	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	9	0	0

Reach	Year	Season	Stratum	Statistic	Water Quality Parameters										Soluble Phosph. (P mg/L)	Ice (cm)	Snow (cm)		
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Fluor. Chl. (ug/L)	Total nitrogen (N mg/L)	Nitrate-nitrite (N mg/L)	Ammon. (N mg/L)	Total Phosph. (P mg/L)			
p13	2004	FL	SC	mean	14.26	9	408	8	19	21	4.3	5	2.62	2.04	2.04	0.127	0.041	.	
				median	14.4	9	408	8	18	20.7	4.3	5.1	2.65	2.07	2.07	0.125	0.04	.	
				minimum	12.6	8.3	398	7.8	11	13.1	2.8	3.3	2.4	1.8	1.8	0.111	0.036	.	
				maximum	14.8	9.5	431	8.1	36	40.3	6.4	8.4	2.86	2.35	2.35	0.142	0.048	.	
				stderr	0.08	0.05	1	0.01	1.15	1.09	0.17	0.16	0.04	0.05	0.05	0.003	0.001	.	
				n	30	30	30	30	30	30	30	30	10	10	10	8	0	0	
p13	2004	FL	BWC	mean	11.26	9.6	399	8.1	20	19.5	5.7	10.8	1.83	0.9	0.9	0.145	0.029	.	
				median	10.2	9.4	405	8.1	16	15	4.4	6.9	1.82	0.47	0.47	0.126	0.024	.	
				minimum	7.9	7	334	7.6	1	0.2	1.2	1	0.67	0.01	0.01	0.085	0.011	.	
				maximum	16.6	14.3	467	9.2	92	88.3	24.1	79.9	2.91	2.27	2.27	0.421	0.114	.	
				stderr	0.36	0.16	3	0.04	2.11	2.18	0.57	1.64	0.15	0.2	0.2	0.017	0.005	.	
				n	60	60	60	60	60	60	60	60	21	21	21	19	0	0	
p13	2004	FL	IMP	mean	12.98	9.1	409	8.1	18	19.3	3.8	5	2.65	2.13	2.13	0.12	0.037	.	
				median	13.6	9	408	8.1	15	13.1	3.1	4.8	2.68	2.16	2.16	0.122	0.038	.	
				minimum	9.9	8.3	402	7.9	7	4.7	1.7	2.8	2.43	1.9	1.9	0.093	0.024	.	
				maximum	14.9	10.1	423	8.2	58	92.9	11.1	9.6	3.02	2.49	2.49	0.147	0.044	.	
				stderr	0.32	0.1	1	0.01	1.94	3.22	0.35	0.28	0.06	0.06	0.06	0.005	0.002	.	
				n	30	30	30	30	30	30	30	30	10	10	10	10	0	0	
p13	2005	WN	MC	mean	-0.24	13.6	460	7.7	4	2.7	1.8	1.3	3.05	2.41	2.41	0.054	0.013	25.3	3.6
				median	-0.2	13.6	459	7.8	4	2.5	1.7	1.1	3.02	2.39	2.39	0.055	0.014	25	3
				minimum	-0.3	12.9	453	7.6	3	1.7	1.2	1	2.85	2.3	2.3	0.048	0.01	14	1
				maximum	-0.2	14.5	476	7.8	6	4.6	2.6	3.6	3.37	2.73	2.73	0.062	0.016	32	9
				stderr	0.01	0.06	1	0.01	0.12	0.13	0.07	0.09	0.05	0.04	0.04	0.001	0.001	0.7	0.4
				n	30	30	30	30	30	30	30	30	10	10	10	10	30	30	
p13	2005	WN	SC	mean	-0.22	13.6	465	7.7	4	2.4	1.8	1.2	2.99	2.46	2.46	0.056	0.012	23.8	5.5
				median	-0.2	13.7	460	7.8	4	2.5	1.7	1.1	2.98	2.39	2.39	0.053	0.012	25	5
				minimum	-0.3	12.8	455	7.6	3	1.6	1.4	1	2.78	2.25	2.25	0.048	0.009	10	1
				maximum	-0.2	14.2	500	7.8	5	3.9	2.7	2.6	3.39	2.91	2.91	0.07	0.016	34	10
				stderr	0.01	0.06	2	0.01	0.12	0.11	0.07	0.06	0.05	0.07	0.07	0.002	0.001	1	0.5
				n	29	29	29	29	29	29	29	29	10	10	10	10	30	30	
p13	2005	WN	BWC	mean	0.38	13.5	515	7.6	5	6.4	4.4	12.9	2.53	1.78	1.78	0.069	0.009	28.2	5.1
				median	0.3	13.5	503	7.6	4	3.6	2.9	4.8	2.89	2.31	2.31	0.063	0.008	28	5
				minimum	-0.3	5.3	400	7	1	1.1	1.3	1	0.24	0.01	0.01	0.033	0.002	17	1
				maximum	1.6	20	821	8.5	16	35.7	19.5	64.8	3.83	3.36	3.36	0.118	0.017	40	9
				stderr	0.08	0.47	10	0.04	0.43	1.05	0.5	2.37	0.23	0.28	0.28	0.006	0.001	0.5	0.2
				n	52	52	52	52	52	52	52	52	18	18	18	18	60	60	
p13	2005	WN	IMP	mean	-0.13	13.3	484	7.7	4	2.3	1.9	1.7	3.07	2.44	2.44	0.05	0.012	28.3	2.4
				median	-0.2	13.5	464	7.7	4	2.3	1.9	1.2	3.04	2.42	2.42	0.053	0.012	29	2
				minimum	-0.2	4.8	454	7.2	2	0.9	1.2	1	2.72	2.23	2.23	0.03	0.007	21	1
				maximum	0.6	18.7	871	7.8	4	4.3	2.6	5.9	3.38	2.71	2.71	0.062	0.016	35	5
				stderr	0.03	0.39	16	0.03	0.11	0.11	0.07	0.22	0.07	0.05	0.05	0.003	0.001	0.6	0.2
				n	28	28	28	28	28	28	28	28	10	10	10	10	30	30	

Reach	Year	Season	Stratum	Statistic	Water								Fluor.	Total	Nitrate-	Total	Soluble	
					Temp (C)	DO (mg/L)	Cond. (uS)	pH	Turb (NTU)	TSS (mg/L)	VSS (mg/L)	Chl. (ug/L)		nitrogen (N mg/L)	nitrite (N mg/L)	Ammon. (N mg/L)	Phosph. (P mg/L)	Phosph. (P mg/L)
p13	2007	FL	BWC	mean	16.14	7.3	431	7.8	19	25.2	5.9	14.5	2.19	1.37	1.37	0.144	0.032	.
				median	14.3	7.4	435	7.8	13	14.4	5.4	8.9	2.43	1.74	1.74	0.163	0.023	.
				minimum	13.3	1.6	381	7.3	1	0.6	1.7	3.2	0.7	0.01	0.01	0.025	0.007	.
				maximum	21.3	10.2	532	8.5	84	106.1	15.4	84.9	4.22	3.44	3.44	0.28	0.067	.
				stderr	0.37	0.19	4	0.03	2.44	3.11	0.41	2.19	0.22	0.24	0.24	0.016	0.007	.
				n	60	60	60	60	60	60	60	60	21	21	21	11	0	0
p13	2007	FL	IMP	mean	14.16	7.8	448	7.8	23	28.7	5.3	7	2.83	2.2	2.2	0.143	0.047	.
				median	14.2	8	442	7.8	25	28.7	5.5	7.6	2.81	2.21	2.21	0.151	0.046	.
				minimum	11.3	5.5	411	7.4	1	0	1.5	1	1.55	0.89	0.89	0.027	0.011	.
				maximum	15.7	9.3	717	8	52	70.8	10.8	10.4	3.55	2.9	2.9	0.244	0.065	.
				stderr	0.22	0.16	10	0.03	2.81	3.99	0.45	0.41	0.2	0.2	0.2	0.018	0.006	.
				n	30	30	30	30	30	30	30	30	10	10	10	10	8	0