

French Lake
Lake Water Quality Data

	A	B	C	D	E	F	G	H	I	J	K
1	Date	Depth (m)	Temp (°C)	SpCond (µS/cm)	pH	Secchi (m)	DO (mg/L)	DO (%)	TP (mg/L)	TN (mg/L)	CHL_A (µg/L)
2	5/1/2006	0.0	12.8	263	7.90	0.80	13.40	126.6	0.111	2.24	31.7
3	5/1/2006	1.0	12.5	321	7.27	0.80	0.88	8.3			
4	6/1/2006	0.0	26.9	280	8.22	0.90	10.30	129.1	0.048	1.41	4.4
5	6/1/2006	0.5	26.1	280	8.26	0.90	10.80	133.6			
6	6/1/2006	1.0	26.0	286	8.22	0.90	10.18	125.4			
7	6/13/2006	0.0	21.2	300	6.21	0.70	7.44	83.8	0.067	2.30	5.9
8	6/13/2006	0.5	21.2	300	6.23	0.70	7.40	83.4			
9	6/13/2006	0.8	21.2	300	6.15	0.70	5.17	58.2			
10	6/27/2006	0.0	23.0	273	7.90	0.70	8.78	102.4	0.052	1.84	11.8
11	6/27/2006	0.8	23.1	317	5.92	0.70	0.34	3.9			
12	7/10/2006	0.0	27.2	243	8.07	0.63	13.10	165.3	0.116	2.33	20.1
13	7/10/2006	0.5	26.9	249	7.98	0.63	10.35	129.8			
14	7/10/2006	0.6	26.9	262	7.53	0.63	3.66	45.9			
15	8/9/2006	0.0	25.1	305	9.43	0.25	15.48	187.7	0.281	7.45	287.0
16	8/9/2006	0.5	24.4	377	8.01	0.25	4.07	48.8			
17	8/9/2006	0.6	24.4	385	7.42	0.25	0.80	9.6			
18	8/23/2006	0.0	21.7	256	7.69	0.16	9.43	107.2	0.377	9.79	444.2
19	8/23/2006	0.5	22.4	398	6.17	0.16	0.24	2.8			
20	9/7/2006	0.0	22.4	297	8.48	0.18	10.25	118.3	0.535	10.25	461.1
21	9/7/2006	0.7	22.4	368	7.89	0.18	0.87	10.0			
22	9/27/2006	0.0	14.6	281	7.99	0.04	10.39	102.3	0.383	8.84	227.5
23	9/27/2006	0.8	14.8	391	7.57	0.04	0.77	7.6			
24	4/18/2006	0.0	12.4	400	8.05	5.89	11.83	110.8	0.026	0.97	4.1
25	4/18/2006	1.0	12.3	400	8.09	5.89	11.90	111.3			
26	4/18/2006	2.0	12.2	400	8.12	5.89	11.91	111.2			
27	4/18/2006	3.0	12.3	400	8.15	5.89	11.89	111.1			
28	4/18/2006	4.0	12.1	400	8.17	5.89	11.91	110.8			
29	4/18/2006	5.0	9.5	394	8.13	5.89	11.73	102.9			
30	4/18/2006	6.0	8.1	387	8.02	5.89	10.95	92.8			
31	4/18/2006	7.0	7.2	383	7.90	5.89	9.79	81.2	0.077		
32	4/18/2006	8.0	6.5	384	7.84	5.89	9.10	74.0			
33	4/18/2006	9.0	6.0	382	7.78	5.89	8.35	67.2			
34	4/18/2006	10.0	5.5	385	7.71	5.89	7.32	58.0			
35	4/18/2006	11.0	5.1	389	7.69	5.89	6.50	51.1			
36	4/18/2006	12.0	5.0	391	7.64	5.89	5.14	40.3			
37	4/18/2006	13.0	5.0	390	7.59	5.89	4.22	33.0	0.098		
38	4/18/2006	14.0	4.9	408	7.19	5.89	0.98	7.7			
39	5/1/2006	0.0	13.2	405	7.54	8.10	11.76	112.1	0.012	0.94	1.1
40	5/1/2006	1.0	13.0	401	7.57	8.10	11.67	110.8			
41	5/1/2006	2.0	12.9	401	7.63	8.10	11.73	111.1			
42	5/1/2006	3.0	12.8	401	7.69	8.10	11.74	111.0			
43	5/1/2006	4.0	12.8	401	7.72	8.10	11.71	110.8			
44	5/1/2006	5.0	12.7	402	7.74	8.10	11.71	110.5			
45	5/1/2006	6.0	11.8	408	7.74	8.10	11.79	109.0			
46	5/1/2006	7.0	8.6	411	7.69	8.10	11.24	96.5	0.033		
47	5/1/2006	8.0	6.7	406	7.51	8.10	8.74	71.6			
48	5/1/2006	9.0	6.1	405	7.42	8.10	7.62	61.5			
49	5/1/2006	10.0	5.8	406	7.33	8.10	6.60	52.8			
50	5/1/2006	11.0	5.5	408	7.29	8.10	5.59	44.4			
51	5/1/2006	12.0	5.3	410	7.22	8.10	4.20	33.2			
52	5/1/2006	13.0	5.2	413	7.16	8.10	2.22	17.5			
53	5/1/2006	14.0	5.2	413	7.11	8.10	1.54	12.2	0.123		
54	5/1/2006	15.0	5.2	414	7.09	8.10	1.12	8.8			
55	5/1/2006	15.3	5.2	418	6.93	8.10	0.90	7.1			
56	5/17/2006	0.0	15.0	412	8.63	6.70	12.82	127.2	0.019	0.73	1.1
57	5/17/2006	1.0	14.9	412	8.70	6.70	11.34	112.3			
58	5/17/2006	2.0	14.8	411	8.75	6.70	11.90	117.5			
59	5/17/2006	3.0	14.7	412	8.81	6.70	11.59	114.3			
60	5/17/2006	4.0	14.5	412	8.87	6.70	11.43	112.1			
61	5/17/2006	5.0	14.0	412	8.94	6.70	11.47	111.3			

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	A	B	C	D	E	F	G	H	I	J	K
1	Date	Depth (m)	Temp (°C)	SpCond (µS/cm)	pH	Secchi (m)	DO (mg/L)	DO (%)	TP (mg/L)	TN (mg/L)	CHL_A (µg/L)
62	5/17/2006	6.0	13.2	413	8.98	6.70	11.09	105.8			
63	5/17/2006	7.0	12.9	413	9.02	6.70	11.05	104.7			
64	5/17/2006	8.0	9.2	433	9.06	6.70	6.63	57.8			
65	5/17/2006	9.0	7.1	437	9.10	6.70	4.00	33.0	0.038		
66	5/17/2006	10.0	6.0	442	9.15	6.70	1.78	14.3			
67	5/17/2006	11.0	5.8	444	9.22	6.70	0.08	0.6			
68	5/17/2006	12.0	5.7	446	9.23	6.70	0.17	1.3			
69	5/17/2006	13.0	5.6	447	9.23	6.70	-0.07	-0.6			
70	5/17/2006	14.0	5.6	450	9.24	6.70	-0.06	-0.4	0.180		
71	5/17/2006	14.3	5.6	463	9.23	6.70	-2.88	-22.9			
72	5/31/2006	0.0	25.3	415	8.01	6.85	9.41	114.6	0.013	0.49	2.0
73	5/31/2006	1.0	24.9	415	8.06	6.85	9.53	115.3			
74	5/31/2006	2.0	24.6	413	8.09	6.85	9.68	116.3			
75	5/31/2006	3.0	22.5	412	8.09	6.85	10.02	115.8			
76	5/31/2006	4.0	17.8	414	8.14	6.85	11.72	123.3			
77	5/31/2006	5.0	15.6	417	8.08	6.85	10.72	107.8			
78	5/31/2006	6.0	14.0	420	7.99	6.85	8.85	85.9			
79	5/31/2006	7.0	11.8	426	7.86	6.85	6.83	63.1			
80	5/31/2006	8.0	9.8	440	7.80	6.85	4.73	41.7			
81	5/31/2006	9.0	7.9	445	7.77	6.85	2.51	21.2	0.029		
82	5/31/2006	10.0	6.7	451	7.77	6.85	0.96	7.8			
83	5/31/2006	11.0	6.3	450	7.77	6.85	0.73	5.9			
84	5/31/2006	12.0	6.1	451	7.76	6.85	0.51	4.1			
85	5/31/2006	13.0	5.9	454	7.76	6.85	0.45	3.6			
86	5/31/2006	14.0	5.8	454	7.75	6.85	0.42	3.3	0.239		
87	5/31/2006	14.8	5.7	475	7.72	6.85	0.40	3.2			
88	6/13/2006	0.0	21.2	400	7.34	5.80	10.86	122.5	0.022	0.72	1.7
89	6/13/2006	1.0	21.2	400	7.36	5.80	10.85	122.3			
90	6/13/2006	2.0	20.8	402	7.23	5.80	9.85	110.3			
91	6/13/2006	3.0	20.4	402	7.21	5.80	9.60	106.4			
92	6/13/2006	4.0	20.1	404	7.13	5.80	9.27	102.4			
93	6/13/2006	5.0	17.7	409	6.73	5.80	8.94	94.0			
94	6/13/2006	6.0	14.5	412	6.30	5.80	8.27	81.1			
95	6/13/2006	7.0	12.2	418	5.65	5.80	6.23	58.0			
96	6/13/2006	8.0	9.7	433	5.03	5.80	3.23	28.5			
97	6/13/2006	9.0	8.1	435	4.86	5.80	2.74	23.2			
98	6/13/2006	10.0	6.8	441	4.65	5.80	0.94	7.8	0.125		
99	6/13/2006	11.0	6.3	442	4.55	5.80	0.66	5.3			
100	6/13/2006	12.0	6.0	444	4.48	5.80	0.51	4.1			
101	6/13/2006	13.0	5.9	446	4.40	5.80	0.46	3.7			
102	6/13/2006	14.0	5.8	448	4.36	5.80	0.43	3.5			
103	6/13/2006	15.0	5.8	448	4.34	5.80	0.41	3.2			
104	6/13/2006	16.0	5.8	449	4.32	5.80	0.41	3.2	0.317		
105	6/13/2006	17.0	5.8	509	3.64	5.80	0.41	3.4			
106	6/27/2006	0.0	25.2	377	7.44	3.50	10.22	124.4	0.027	0.66	5.6
107	6/27/2006	1.0	25.1	377	7.46	3.50	10.32	125.5			
108	6/27/2006	2.0	24.2	375	7.46	3.50	10.64	127.0			
109	6/27/2006	3.0	23.9	375	7.46	3.50	10.50	124.6			
110	6/27/2006	4.0	23.3	379	7.32	3.50	9.96	116.9			
111	6/27/2006	5.0	19.8	398	6.90	3.50	9.28	101.8			
112	6/27/2006	6.0	15.3	405	6.25	3.50	7.42	74.3			
113	6/27/2006	7.0	11.9	418	5.44	3.50	2.71	25.1			
114	6/27/2006	8.0	10.5	426	5.19	3.50	1.12	10.0	0.027		
115	6/27/2006	9.0	8.6	430	5.03	3.50	0.64	5.5			
116	6/27/2006	10.0	7.7	430	4.88	3.50	0.36	3.0			
117	6/27/2006	11.0	6.7	432	4.73	3.50	0.30	2.5			
118	6/27/2006	12.0	6.4	435	4.65	3.50	0.28	2.2			
119	6/27/2006	13.0	6.2	435	4.61	3.50	0.28	2.4			
120	6/27/2006	14.0	6.1	437	4.53	3.50	0.28	2.2			
121	6/27/2006	15.0	6.0	437	4.51	3.50	0.28	2.2	0.300		

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1	Date	Depth (m)	Temp (°C)	SpCond (µS/cm)	pH	Secchi (m)	DO (mg/L)	DO (%)	TP (mg/L)	TN (mg/L)	CHL_A (µg/L)
122	6/27/2006	15.7	6.0	470	4.09	3.50	0.28	2.4			
123	7/10/2006	0.0	26.2	296	7.57	3.10	9.97	123.5	0.017	0.68	9.3
124	7/10/2006	1.0	25.7	294	7.75	3.10	10.17	124.5			
125	7/10/2006	2.0	25.5	295	7.82	3.10	9.97	121.9			
126	7/10/2006	3.0	25.4	296	7.84	3.10	9.88	120.5			
127	7/10/2006	4.0	24.9	298	7.82	3.10	9.42	113.8			
128	7/10/2006	5.0	21.2	302	7.78	3.10	10.31	116.3			
129	7/10/2006	6.0	15.9	310	7.55	3.10	4.30	43.5			
130	7/10/2006	7.0	12.9	317	7.46	3.10	1.41	13.5			
131	7/10/2006	8.0	10.2	328	7.42	3.10	0.76	6.9	0.040		
132	7/10/2006	9.0	8.6	329	7.42	3.10	0.52	4.5			
133	7/10/2006	10.0	7.4	328	7.40	3.10	0.40	3.4			
134	7/10/2006	11.0	6.8	330	7.40	3.10	0.33	2.7			
135	7/10/2006	12.0	6.5	331	7.38	3.10	0.28	2.2			
136	7/10/2006	13.0	6.4	332	7.36	3.10	0.27	2.2			
137	7/10/2006	14.0	6.3	333	7.34	3.10	0.23	1.8			
138	7/10/2006	15.0	6.3	333	7.32	3.10	0.21	1.7			
139	7/10/2006	16.0	6.2	333	7.30	3.10	0.20	1.6	0.387		
140	7/10/2006	16.8	6.2	355	7.17	3.10	0.21	1.7			
141	7/24/2006	0.0	27.8	333	8.01	1.70	11.52	146.8	0.039	0.99	8.6
142	7/24/2006	1.0	27.7	333	8.05	1.70	11.42	145.3			
143	7/24/2006	2.0	27.3	332	8.06	1.70	11.44	144.6			
144	7/24/2006	3.0	26.2	333	8.02	1.70	10.64	131.8			
145	7/24/2006	4.0	25.5	334	7.94	1.70	9.36	114.6			
146	7/24/2006	5.0	22.0	345	7.61	1.70	0.99	11.3	0.040		
147	7/24/2006	6.0	17.5	347	7.61	1.70	0.36	3.7			
148	7/24/2006	7.0	13.3	353	7.63	1.70	0.25	2.5			
149	7/24/2006	8.0	10.6	362	7.57	1.70	0.20	1.8			
150	7/24/2006	9.0	9.1	362	7.57	1.70	0.18	1.6			
151	7/24/2006	10.0	7.7	364	7.57	1.70	0.21	1.8			
152	7/24/2006	11.0	7.1	366	7.55	1.70	0.20	1.7			
153	7/24/2006	12.0	6.8	368	7.53	1.70	0.18	1.5			
154	7/24/2006	13.0	6.6	369	7.51	1.70	0.17	1.3			
155	7/24/2006	14.0	6.6	369	7.50	1.70	0.17	1.3			
156	7/24/2006	15.0	6.5	370	7.48	1.70	0.15	1.2	0.388		
157	7/24/2006	15.9	6.4	396	7.36	1.70	0.14	1.2			
158	8/7/2006	0.0	27.3	432	8.21	1.65	9.85	124.3	0.026	0.84	7.4
159	8/7/2006	1.0	27.1	432	8.42	1.65	10.03	126.4			
160	8/7/2006	2.0	26.6	431	8.47	1.65	10.07	125.7			
161	8/7/2006	3.0	26.5	431	8.48	1.65	9.92	123.5			
162	8/7/2006	4.0	26.2	432	8.44	1.65	9.16	113.4			
163	8/7/2006	5.0	23.8	453	7.87	1.65	0.91	10.8	0.025		
164	8/7/2006	6.0	17.9	461	7.79	1.65	0.83	8.7			
165	8/7/2006	7.0	14.0	473	7.72	1.65	0.57	5.5			
166	8/7/2006	8.0	11.2	474	7.65	1.65	0.49	4.5			
167	8/7/2006	9.0	8.8	482	7.56	1.65	0.37	3.2			
168	8/7/2006	10.0	7.7	485	7.48	1.65	0.30	2.5			
169	8/7/2006	11.0	7.3	487	7.40	1.65	0.27	2.3			
170	8/7/2006	12.0	7.0	488	7.35	1.65	0.23	1.9			
171	8/7/2006	13.0	6.7	491	7.29	1.65	0.22	1.8			
172	8/7/2006	14.0	6.5	498	7.18	1.65	0.20	1.7	0.508		
173	8/7/2006	14.0	6.4	508	7.02	1.65	0.20	1.6			
174	8/21/2006	0.0	25.4	422	8.84	1.47	10.89	133.0	0.033	0.84	13.7
175	8/21/2006	1.0	25.1	421	8.93	1.47	11.25	136.4			
176	8/21/2006	2.0	24.2	421	8.99	1.47	11.48	137.1			
177	8/21/2006	3.0	24.0	421	8.98	1.47	11.25	133.7			
178	8/21/2006	4.0	23.8	422	8.94	1.47	10.39	123.1			
179	8/21/2006	5.0	22.6	431	8.54	1.47	5.52	63.9			
180	8/21/2006	6.0	19.5	450	8.15	1.47	0.82	8.9	0.030		
181	8/21/2006	7.0	13.9	457	8.06	1.47	0.46	4.4			

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1	Date	Depth (m)	Temp (°C)	SpCond (µS/cm)	pH	Secchi (m)	DO (mg/L)	DO (%)	TP (mg/L)	TN (mg/L)	CHL_A (µg/L)
182	8/21/2006	8.0	11.3	462	8.01	1.47	0.42	3.9			
183	8/21/2006	9.0	10.9	461	7.97	1.47	0.36	3.3			
184	8/21/2006	10.0	8.1	473	7.89	1.47	0.30	2.5			
185	8/21/2006	11.0	7.7	474	7.85	1.47	0.28	2.4			
186	8/21/2006	12.0	7.1	477	7.79	1.47	0.25	2.1			
187	8/21/2006	13.0	6.8	482	7.74	1.47	0.24	1.9			
188	8/21/2006	14.0	6.4	496	7.50	1.47	0.21	1.7	0.425		
189	9/6/2006	0.0	23.5	407	8.19	4.68	9.56	112.5	0.021	0.80	4.3
190	9/6/2006	1.0	22.8	406	8.58	4.68	9.78	113.7			
191	9/6/2006	2.0	22.5	405	8.66	4.68	10.00	115.6			
192	9/6/2006	3.0	22.2	406	8.69	4.68	9.67	111.2			
193	9/6/2006	4.0	22.0	406	8.67	4.68	8.97	102.6			
194	9/6/2006	5.0	21.5	408	8.58	4.68	7.49	85.0			
195	9/6/2006	6.0	20.0	429	8.14	4.68	0.96	10.5			
196	9/6/2006	7.0	15.3	457	8.05	4.68	0.51	5.1	0.047		
197	9/6/2006	8.0	11.9	459	7.98	4.68	0.30	2.8			
198	9/6/2006	9.0	9.2	467	7.89	4.68	0.22	2.0			
199	9/6/2006	10.0	8.3	466	7.85	4.68	0.21	1.8			
200	9/6/2006	11.0	7.3	471	7.77	4.68	0.19	1.5			
201	9/6/2006	12.0	6.9	473	7.65	4.68	0.14	1.2			
202	9/6/2006	13.0	6.8	474	7.56	4.68	0.13	1.1			
203	9/6/2006	14.0	6.7	475	7.51	4.68	0.13	1.0	0.461		
204	9/6/2006	14.9	6.5	494	7.34	4.68	0.11	0.9			
205	9/25/2006	0.0	15.7	367	7.89	3.00	9.81	98.9	0.044	0.93	17.5
206	9/25/2006	1.0	15.7	367	8.22	3.00	9.62	96.8			
207	9/25/2006	2.0	15.7	367	8.31	3.00	9.61	96.7			
208	9/25/2006	3.0	15.6	367	8.38	3.00	9.59	96.5			
209	9/25/2006	4.0	15.6	367	8.43	3.00	9.59	96.4			
210	9/25/2006	5.0	15.6	367	8.46	3.00	9.59	96.3			
211	9/25/2006	6.0	15.4	368	8.49	3.00	9.53	95.5			
212	9/25/2006	7.0	15.0	369	8.47	3.00	8.81	87.4			
213	9/25/2006	8.0	14.3	377	8.37	3.00	6.30	61.7			
214	9/25/2006	9.0	10.3	415	8.10	3.00	0.87	7.8	0.041		
215	9/25/2006	10.0	8.3	422	8.02	3.00	0.47	4.0			
216	9/25/2006	11.0	7.5	421	7.95	3.00	0.31	2.6			
217	9/25/2006	12.0	7.1	423	7.86	3.00	0.23	1.9			
218	9/25/2006	13.0	6.8	425	7.75	3.00	0.17	1.4			
219	9/25/2006	14.0	6.7	426	7.68	3.00	0.15	1.2			
220	9/25/2006	15.0	6.7	427	7.58	3.00	0.15	1.2	0.473		
221	9/25/2006	15.7	6.6	455	7.15	3.00	0.10	0.8			
222	10/10/2006	0.0	14.4	374	8.17	1.70	11.98	117.5	0.041	1.17	28.5
223	10/10/2006	1.0	14.3	374	8.18	1.70	11.34	110.8			
224	10/10/2006	2.0	14.2	375	8.31	1.70	11.15	108.8			
225	10/10/2006	3.0	14.1	375	8.35	1.70	10.60	103.4			
226	10/10/2006	4.0	14.1	376	8.32	1.70	10.47	101.9			
227	10/10/2006	5.0	14.1	376	8.34	1.70	10.27	99.8			
228	10/10/2006	6.0	14.0	377	8.22	1.70	9.57	93.0			
229	10/10/2006	7.0	13.9	376	8.19	1.70	9.52	92.3			
230	10/10/2006	8.0	13.8	377	8.17	1.70	9.75	94.4			
231	10/10/2006	9.0	12.7	395	8.14	1.70	5.15	48.7			
232	10/10/2006	10.0	8.9	425	8.18	1.70	1.15	10.0	0.192		
233	10/10/2006	11.0	7.7	426	8.15	1.70	0.70	5.9			
234	10/10/2006	12.0	7.3	428	8.19	1.70	0.40	3.2			
235	10/10/2006	13.0	7.1	431	8.18	1.70	0.31	2.5			
236	10/10/2006	14.0	7.1	431	8.15	1.70	0.23	1.8			
237	10/10/2006	15.0	7.0	432	8.14	1.70	0.18	1.6	0.521		
238	10/10/2006	15.6	6.9	485	8.06	1.70	0.14	1.2			
239											
240											