

**2016 CLMN Data  
Bass Lake  
Waterbody 417900**

Date	Time	Notes	YSI Stored ID #	Water Depth Feet	Temp °C	DO mg/l	(Raw) Conductivity µS/cm	Specific Conductance µS/cm
6/22/16	0830	Took Seechi disk readings. CJB got 18 feet, GRB got 18.5 feet (Average 18.25). Reported <b>corrected</b> average of <b>17.9</b> (= 18.25 x 0.98). See stretch correction calculation in note above.						

6/22/16	1041.5	1	0	22.4	8.3	202.3	212.7
6/22/16	1042.5	2	3	22.5	8.2	202.6	212.8
6/22/16	1043.5	3	6	22.4	8.3	202.4	212.8
6/22/16	1044	4	9	22.4	8.1	202.6	213.1
6/22/16	1044.5	5	12	22.4	8.1	202.5	213.1
6/22/16	1045.5	6	15	20.6	9.2	193.3	211.1
6/22/16	1046.5	7	18	16.90	11.90	178.2	210.8
6/22/16	1048	8	21	13.9	12.8	168.4	213.8
6/22/16	1049	9	24	13.8	11.7	165.9	222.5
6/22/16	1050	10	27	9.6	13.3	161.9	229.2
6/22/16	1051	11	30	8.3	10.6	159.2	233.5
6/22/16	1052.5	12	33	7.4	8.4	156.1	235.2
6/22/16	1053	13	36	7.0	4.0	155.5	237.2
6/22/16	1055	14	39	6.7	1.9	155.5	239.1
6/22/16	1056	15	42	6.6	0.1	156.4	241.4
6/22/16	1057	16	45	6.5	0.0	156.6	242.5
6/22/16	1058	17	48	6.4	0.0	156.2	242.1
6/22/16	1059		45	6.4	0.0		
6/22/16	1059.5	18	42	6.6	0.1	155.9	240.7
6/22/16	1101	19	39	6.7	2.0	155.2	238.7
6/22/16	1102	20	36	6.9	4.3	154.8	236.7
6/22/16	1103	21	33	7.3	8.0	155.8	235.1
6/22/16	1104	22	30	8.3	11.3	158.7	232.8
6/22/16	1105	23	27	9.5	13.2	160.9	228.7
6/22/16	1106	24	24	11.4	14.0	164.9	222.6
6/22/16	1107	25	21	13.4	13.3	166.9	214.4
6/22/16	1108	26	18	16.5	12.0	177.3	211.8
6/22/16	1109	27	15	20.4	9.4	193.1	211.6
6/22/16	1110	28	12	22.2	8.2	202.4	213.8
6/22/16	1111	29	9	22.3	8.3	202.6	213.4
6/22/16	1112	30	6	22.4	8.3	203.0	213.4
6/22/16	1113	31	3	22.5	8.3	203.4	213.4
6/22/16	1114	32	0	22.5	8.3		

Temperature °C					DO mg/l				
Depth	Down	Up	Δ	Average	Depth	Down	Up	Δ	Average
0	22.4	22.5	-0.1	22.45	0	8.3	8.3	0	8.30
3	22.5	22.5	0	22.50	3	8.2	8.3	-0.1	8.25
6	22.4	22.4	0	22.40	6	8.3	8.3	0.0	8.30
9	22.4	22.3	0.1	22.35	9	8.1	8.3	-0.2	8.20
12	22.4	22.2	0.2	22.30	12	8.1	8.2	-0.1	8.15
15	20.6	20.4	0.2	20.50	15	9.2	9.4	-0.2	9.30
18	16.90	16.5	0.4	16.70	18	11.9	12.0	-0.1	11.95
21	13.9	13.4	0.5	13.65	21	13.9	13.3	0.6	13.60
24	11.7	11.4	0.3	11.55	24	13.8	14.0	-0.2	13.90
27	9.6	9.5	0.1	9.55	27	13.3	13.2	0.1	13.25
30	8.3	8.3	0	8.30	30	10.6	11.3	-0.7	10.95
33	7.4	7.3	0.1	7.35	33	8.4	8.0	0.4	8.20
36	7.0	6.9	0.1	6.95	36	4.0	4.3	-0.3	4.15
39	6.7	6.7	0	6.70	39	1.9	2.0	-0.1	1.95
42	6.6	6.6	0	6.60	42	0.1	0.1	0.0	0.10
45	6.5	6.4	0.1	6.45	45	0.0	0.0	0.0	0.00
48	6.4			6.40	48	0.0			0.00
(Raw) Conductivity µS/cm					Specific Conductance µS/cm				
0	202.3	0.0	202.3	101	0	212.7		212.7	213
3	202.6	203.4	-0.8	203	3	212.8	213.4	-0.6	213
6	202.4	203.0	-0.6	203	6	212.8	213.4	-0.6	213
9	202.6	202.6	0	203	9	213.1	213.4	-0.3	213
12	202.5	202.4	0.1	202	12	213.1	213.8	-0.7	213
15	193.3	193.1	0.2	193	15	211.1	211.6	-0.5	211
18	178.2	177.3	0.9	178	18	210.8	211.8	-1	211
21	168.4	166.9	1.5	168	21	213.8	214.4	-0.6	214
24	165.9	164.9	1	165	24	222.5	222.6	-0.1	223
27	161.9	160.9	1	161	27	229.2	228.7	0.5	229
30	159.2	158.7	0.5	159	30	233.5	232.8	0.7	233
33	156.1	155.8	0.3	156	33	235.2	235.1	0.1	235
36	155.5	154.8	0.7	155	36	237.2	236.7	0.5	237
39	155.5	155.2	0.3	155	39	239.1	238.7	0.4	239
42	156.4	155.9	0.5	156	42	241.4	240.7	0.7	241
45	156.6		156.6	157	45	242.5		242.5	243
48	156.2			156	48	242.1			242

**2016 CLMN Data  
Bass Lake  
Waterbody 417900**

Date	Time	Notes	YSI ID #	Water Depth Feet	Temp °C	DO mg/l	(Raw) Conductivity µS/cm	Specific Conductance µS/cm
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7/16/16 0908 Took Seechi disk readings. GRB got 18 feet, CJB got 18.6 feet (Average 18.3). Reported **corrected** average of **17.9** (= 18.3 x 0.98).  
See stretch correction calculation in note above.

7/16/16	0925		1	0	23.4	7.9	208.9	214.9
7/16/16	0926		2	3	23.4	7.8	207.9	214.5
7/16/16	0926.5		3	6	23.4	7.8	207.7	214.5
7/16/16	0927.5		4	9	23.3	7.7	207.7	214.5
7/16/16	0928		5	12	23.3	7.7	207.6	214.4
7/16/16	0928.5		6	15	23.2	7.6	207.4	214.6
7/16/16	0929.5		7	18	22.8	8.20	205.6	214.9
7/16/16	0930.5		8	21	17.9	12.2	186.4	215.5
7/16/16	0931.5		9	24	14.3	12.5	177.0	222.6
7/16/16	0932.5		10	27	12.0	11.5	172.1	229.2
7/16/16	0934		11	30	10	10.2	166.2	233.0
7/16/16	0934.5		12	33	8.7	5.7	161.8	235.0
7/16/16	0935.5		13	36	7.9	1.9	159.8	237.3
7/16/16	0936.5		14	39	7.5	0.1	159.2	239.2
7/16/16	0937.5		15	42	7.2	0.0	159.5	241.5
7/16/16	0938		16	45	7.1	0.0	159.5	242.4
7/16/16	0939.5		17	48	7.0	0.1	180.9	275.7
7/16/16	0940.5		18	45	7.1	0.0	159.4	242.5
7/16/16	0941		19	42	7.2	0.0	159.2	241.3
7/16/16	0941.5		20	39	7.4	0.0	158.9	239.7
7/16/16	0942.5		21	36	7.8	2.0	159.6	237.8
7/16/16	0943.5		22	33	8.5	5.9	161.5	235.9
7/16/16	0944.5		23	30	9.5	10.0	165.0	234.3
7/16/16	0945.5		24	27	11.6	11.6	171.5	230.6
7/16/16	0946.5		25	24	13.85	12.8	176.5	224.5
7/16/16	0947.5		26	21	17.1	12.5	185.4	218.4
7/16/16	0948.5		27	18	22.4	8.3	205.2	216.0
7/16/16	0949.5		28	15	23.1	7.7	207.2	215.1
7/16/16	0950.5		29	12	23.2	7.8	207.5	214.8
7/16/16	0951		30	9	23.3	7.8	207.8	214.7
7/16/16	0952		31	6	23.3	7.8	207.9	214.7
7/16/16	0953		32	3	23.4	7.8	208.2	214.7
7/16/16	0954		33	0	23.5	7.9	208.9	214.9

Depth	Down	Up	Δ	Average	Depth	Down	Up	Δ	Average
0	23.4	23.5	-0.1	23.45	0	7.9	7.9	0	7.90
3	23.4	23.4	0	23.40	3	7.8	7.8	0.0	7.80
6	23.4	23.3	0.1	23.35	6	7.8	7.8	0.0	7.80
9	23.3	23.3	0	23.30	9	7.7	7.8	-0.1	7.75
12	23.3	23.2	0.1	23.25	12	7.7	7.8	-0.1	7.75
15	23.2	23.1	0.1	23.15	15	7.6	7.7	-0.1	7.65
18	22.8	22.4	0.4	22.60	18	8.20	8.3	-0.1	8.25
21	17.9	17.1	0.8	17.50	21	12.2	12.5	-0.3	12.35
24	14.3	13.85	0.45	14.08	24	12.5	12.8	-0.3	12.65
27	12.0	11.6	0.4	11.80	27	11.5	11.6	-0.1	11.55
30	10	9.5	0.5	9.75	30	10.2	10.0	0.2	10.10
33	8.7	8.5	0.2	8.60	33	5.7	5.9	-0.2	5.80
36	7.9	7.8	0.1	7.85	36	1.9	2.0	-0.1	1.95
39	7.5	7.4	0.15	7.43	39	0.1	0.0	0.1	0.05
42	7.2	7.2	0	7.20	42	0.0	0.0	0.0	0.00
45	7.1	7.1	0	7.10	45	0.0	0.0	0.0	0.00
48	7.0			7.00	48	0.1			0.10
(Raw) Conductivity µS/cm					Specific Conductance µS/cm				
0	208.9	208.9	0	209	0	214.9	214.9	0	215
3	207.9	208.2	-0.3	208	3	214.5	214.7	-0.2	215
6	207.7	207.9	-0.2	208	6	214.5	214.7	-0.2	215
9	207.7	207.8	-0.1	208	9	214.5	214.7	-0.2	215
12	207.6	207.5	0.1	208	12	214.4	214.8	-0.4	215
15	207.4	207.2	0.2	207	15	214.6	215.1	-0.5	215
18	205.6	205.2	0.4	205	18	214.9	216.0	-1.1	215
21	186.4	185.4	1	186	21	215.5	218.4	-2.9	217
24	177.0	176.5	0.5	177	24	222.6	224.5	-1.9	224
27	172.1	171.5	0.6	172	27	229.2	230.6	-1.4	230
30	166.2	165.0	1.2	166	30	233.0	234.3	-1.3	234
33	161.8	161.5	0.3	162	33	235.0	235.9	-0.9	235
36	159.8	159.6	0.2	160	36	237.3	237.8	-0.5	238
39	159.2	158.9	0.3	159	39	239.2	239.7	-0.5	239
42	159.5	159.2	0.3	159	42	241.5	241.3	0.2	241
45	159.5	159.4	0.1	159	45	242.4	242.5	-0.1	242
48	180.9			181	48	275.7			276

**2016 CLMN Data  
Bass Lake  
Waterbody 417900**

Date	Time	Notes	YSI Stored ID #	Water Depth Feet	Temp °C	DO mg/l	(Raw) Conductivity µS/cm	Specific Conductance µS/cm
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8/16/16 Took Seechi disk readings. GRB got 17 feet, CJB got 17 feet (Average 17). Reported **corrected** average of 16.7 (= 17 x 0.98).

See stretch correction calculation in note above.

Depth	Down	Up	Δ	Average	Depth	Down	Up	Δ	Average
0	25.3	25.5	-0.2	25.40	0	8.1	8.0	0.1	8.05
3	25.3	25.3	0	25.30	3	8.0	8.0	0.0	8.00
6	25.2	25.2	0	25.20	6	8.0	8.0	0.0	8.00
9	25.3	25.2	0.1	25.25	9	8.0	8.0	0.0	8.00
12	25.2	25.0	0.2	25.10	12	8.0	8.1	-0.1	8.05
15	25.1	24.8	0.3	24.95	15	8.0	8.1	-0.1	8.05
18	24.8	24.4	0.4	24.60	18	7.90	8.0	-0.1	7.95
21	21.7	21.3	0.4	21.50	21	9.3	9.5	-0.2	9.40
24	17.3	16.9	0.4	17.10	24	9.4	9.6	-0.2	9.50
27	14.3	13.9	0.4	14.10	27	8.8	8.9	-0.1	8.85
30	11.7	11.3	0.4	11.50	30	5.7	5.0	0.7	5.35
33	10.1	9.7	0.4	9.90	33	2.6	2.2	0.4	2.40
36	9.1	8.9	0.2	9.00	36	0.1	0.1	0.0	0.10
39	8.2	8.0	0.2	8.10	39	0.0	0.0	0.0	0.00
42	7.8	7.7	0.1	7.75	42	0.0	0.0	0.0	0.00
45	7.6	7.6	0	7.60	45	0.0	0.0	0.0	0.00
48	7.6			7.60	48	0.0			0.00
(Raw) Conductivity µS/cm					Specific Conductance µS/cm				
0	218.6	219.7	-1.1	219	0	217.5	217.5	0	218
3	218.3	218.5	-0.2	218	3	217.2	217.3	-0.1	217
6	218.0	218.2	-0.2	218	6	217.0	217.3	-0.3	217
9	218.0	217.9	0.1	218	9	216.9	217.3	-0.4	217
12	217.6	217.6	0	218	12	216.9	217.5	-0.6	217
15	217.1	216.9	0.2	217	15	216.8	217.8	-1	217
18	216.6	216.1	0.5	216	18	217.6	218.6	-1	218
21	206.0	205.8	0.2	206	21	220.1	221.4	-1.3	221
24	192.2	191.5	0.7	192	24	225.2	226.7	-1.5	226
27	182.7	182.2	0.5	182	27	229.9	231.1	-1.2	231
30	174.8	174.4	0.4	175	30	234.3	236.4	-2.1	235
33	170.2	169.3	0.9	170	33	238.1	239.0	-0.9	239
36	167.1	166.2	0.9	167	36	239.9	240.1	-0.2	240
39	164.2	163.6	0.6	164	39	242.1	242.3	-0.2	242
42	163.9	163.7	0.2	164	42	244.0	244.3	-0.3	244
45	164.5	164.3	0.2	164	45	246.4	245.9	0.5	246
48	166.3			166	48	249.3			249

**2016 CLMN Data  
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Waterbody 417900**

Date	Time	Notes	YSI Stored ID #	Water Depth Feet	Temp °C	DO mg/l	(Raw) Conductivity µS/cm	Specific Conductance µS/cm
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9/12/16 0930 Took Seechi disk readings. GRB got 17 feet, CJB got 17.5 feet (Average 18.3). Reported **corrected** average of 16.9 (= 17.25 x 0.98).  
See stretch correction calculation in note above.

9/13/16	1326		1	0	21.3	8.6	183.6	197.4
9/13/16	1327		2	3	21.4	8.4	203.4	218.6
9/13/16	1328		3	6	21.4	8.4	203.5	218.6
9/13/16	1329		4	9	21.4	8.3	203.5	218.5
9/13/16	1330		5	12	21.4	8.4	203.3	218.3
9/13/16	1330.5		6	15	21.4	8.2	203.2	218.4
9/13/16	1331		7	18	21.3	8.20	203.1	218.4
9/13/16	1331.5		8	21	21.3	8.1	202.7	218.3
9/13/16	1332.5		9	24	20.6	7.1	203.4	222.2
9/13/16	1333.5		10	27	15.8	4.6	191.5	232.4
9/13/16	1334.5		11	30	12.9	1.3	181.8	236.3
9/13/16	1335.5		12	33	10.7	0.1	173.7	238.8
9/13/16	1336.5		13	36	9.6	0.1	169.3	239.8
9/13/16	1337		14	39	8.9	0.0	167.4	241.4
9/13/16	1337.5		15	42	8.4	0.0	169.1	247.6
9/13/16	1338		16	45	8.2	0.0	169.9	250.5
9/13/16	1338.5		17	48	8.0	0.0	194.2	287.3
9/13/16	1339		18	45	8.1	0.0	170.1	251.1
9/13/16	1339.5		19	42	8.3	0.0	168.9	248.0
9/13/16	1340		20	39	8.7	0.0	167.2	242.6
9/13/16	1340.5		21	36	9.4	0.1	169.0	240.4
9/13/16	1341		22	33	10.3	0.1	172.3	239.6
9/13/16	1342		23	30	12.4	1.1	180.4	237.5
9/13/16	1343		24	27	15.1	4.3	189.7	233.9
9/13/16	1344		25	24	20.4	7.4	202.8	222.3
9/13/16	1345		26	21	21.1	8.3	202.6	218.7
9/13/16	1345.5		27	18	21.3	8.3	203.0	218.7
9/13/16	1346		28	15	21.3	8.3	203.2	218.6
9/13/16	1346.5		29	12	21.4	8.4	203.5	218.6
9/13/16	1347		30	9	21.4	8.4	203.6	218.6
9/13/16	1347.5		31	6	21.4	8.4	203.6	218.5
9/13/16	1348		32	3	21.4	8.5	203.6	218.6
9/13/16	1349		33	0	21.4	8.4	203.7	218.6

Depth	Down	Up	Δ	Average	Depth	Down	Up	Δ	Average
0	21.3	21.4	-0.1	21.35	0	8.6	8.4	0.2	8.50
3	21.4	21.4	0	21.40	3	8.4	8.5	-0.1	8.45
6	21.4	21.4	0	21.40	6	8.4	8.4	0.0	8.40
9	21.4	21.4	0	21.40	9	8.3	8.4	-0.1	8.35
12	21.4	21.4	0	21.40	12	8.4	8.4	0.0	8.40
15	21.4	21.3	0.1	21.35	15	8.2	8.3	-0.1	8.25
18	21.3	21.3	0	21.30	18	8.20	8.3	-0.1	8.25
21	21.3	21.1	0.2	21.20	21	8.1	8.3	-0.2	8.20
24	20.6	20.4	0.2	20.50	24	7.1	7.4	-0.3	7.25
27	15.8	15.1	0.7	15.45	27	4.6	4.3	0.3	4.45
30	12.9	12.4	0.5	12.65	30	1.3	1.1	0.2	1.20
33	10.7	10.3	0.4	10.50	33	0.1	0.1	0.0	0.10
36	9.6	9.4	0.2	9.50	36	0.1	0.1	0.0	0.10
39	8.9	8.7	0.2	8.80	39	0.0	0.0	0.0	0.00
42	8.4	8.3	0.1	8.35	42	0.0	0.0	0.0	0.00
45	8.2	8.1	0.1	8.15	45	0.0	0.0	0.0	0.00
48	8.0			8.00	48	0.0			0.00
(Raw) Conductivity µS/cm					Specific Conductance µS/cm				
0	Bad 183.6	203.7	#####	204	0	Bad 197.4	218.6	#####	219
3	203.4	203.6	-0.2	204	3	218.6	218.6	0	219
6	203.5	203.6	-0.1	204	6	218.6	218.5	0.1	219
9	203.5	203.6	-0.1	204	9	218.5	218.6	-0.1	219
12	203.3	203.5	-0.2	203	12	218.3	218.6	-0.3	218
15	203.2	203.2	0	203	15	218.4	218.6	-0.2	219
18	203.1	203.0	0.1	203	18	218.4	218.7	-0.3	219
21	202.7	202.6	0.1	203	21	218.3	218.7	-0.4	219
24	203.4	202.8	0.6	203	24	222.2	222.3	-0.1	222
27	191.5	189.7	1.8	191	27	232.4	233.9	-1.5	233
30	181.8	180.4	1.4	181	30	236.3	237.5	-1.2	237
33	173.7	172.3	1.4	173	33	238.8	239.6	-0.8	239
36	169.3	169.0	0.3	169	36	239.8	240.4	-0.6	240
39	167.4	167.2	0.2	167	39	241.4	242.6	-1.2	242
42	169.1	168.9	0.2	169	42	247.6	248.0	-0.4	248
45	169.9	170.1	-0.2	170	45	250.5	251.1	-0.6	251
48	194.2			194	48	287.3			287