

Crystal Lake Station 1

Cond=Conductivity(uS/cm) DO=Dissolved Oxygen(mg/L) Chl-a=Chlorophyll-a(ug/L) TP=Total Phosphorus(ug P/L) TN=Total Nitrogen(mg/L)
 Al=Aluminum(ug/L) Ca=Calcium(mg/L) Cl=Chloride(mg/L) DIC=Dissolved Inorganic Carbon(mg/L) DOC=Dissolved Organic Carbon(mg/L)
 Fe=Iron(ug/L) Mg=Magnesium(mg/L) Mn=Manganese(ug/L) K=Potassium(mg/L) Na=Sodium(mg/L) TCH=Total Calculated Hardness(mg CaCO3/L)

Date	Depth(m)	Temp(C)	pH	Cond	DO%	DO	Chl-a	TP	TN	Al	Ca	Cl	DIC	DOC	Fe	Mg	Mn	K	Na	TCH
6/20/18	0.5							6.8	0.2	<20	13.0	8.4	7.7	3.2	<50	1.0	5.6	0.8	5.4	36.5
6/20/18	1.0	20.1	7.5	101.7	102.4	9.2	0.3													
6/20/18	2.0	19.5	7.5	101.3	101.4	9.2	0.4													
6/20/18	3.0	19.3	7.5	101.5	101.5	9.3	0.5													
6/20/18	4.0	19.1	7.5	101.5	101.6	9.3	0.6													
6/20/18	5.0	18.8	7.5	101.9	101.0	9.3	0.7													
6/20/18	6.1	16.7	7.4	98.7	101.5	9.8	0.8													
6/20/18	7.0	15.5	7.3	98.5	101.0	10.0	0.9													
6/20/18	8.0	13.1	7.1	94.9	98.6	10.3	1.0													
6/20/18	9.0	9.8	7.0	95.1	96.6	10.9	0.9													
6/20/18	9.9	8.1	6.9	95.7	94.1	11.0	0.8													
6/20/18	11.0	7.3	6.9	94.9	92.4	11.0	0.8													
6/20/18	12.0	6.4	6.8	95.7	90.8	11.1	0.8													
6/20/18	13.1	6.1	6.8	95.9	89.3	11.0	0.8													
6/20/18	14.0	5.7	6.8	96.2	88.4	11.0	0.8													
6/20/18	15.0	5.5	6.8	96.3	87.9	11.0	0.7													
6/20/18	16.0	5.3	6.9	96.2	87.3	11.0	0.7													
6/20/18	17.0	5.1	6.9	96.7	86.8	10.9	0.6													
6/20/18	18.1	5.1	6.9	96.4	86.7	11.0	0.6													
6/20/18	19.0	5.0	6.9	96.8	85.9	10.9	0.6													
6/20/18	20.0	4.9	6.9	97.1	85.5	10.8	0.6													
6/20/18	25.0	4.5	6.9	97.5	75.8	9.7	0.6	8.0	0.3	<20	12.3	8.3	7.9	3.2	<50	1.0	8.4	0.8	5.2	34.7

Crystal Lake Station 1 Temperature, Dissolved Oxygen, Chlorophyll-a and Total Phosphorus Vertical Profiles on 6/20/2018

