Site	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	TDS mg/l	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturation	Secchi Depth meters	Lake elevation feet	outflow csf	Notes
MI-1A	6/11/2020	945	0.3	22.0			8.1	7.3	8.8	101.0		1147	1000	
MI-1	6/11/2020	1030	0.3	22.2			8.4	2.2	8.0	91.0	1.5			
MI-1	6/11/2020	1030	1.0	22.2			8.4	2.2	8.0	91.0				
MI-1	6/11/2020	1030	2.0	22.0			8.3	2.4	7.8	90.0				
MI-1	6/11/2020	1030	3.0	21.9			8.3	2.4	7.7	88.0				
MI-1	6/11/2020	1030	4.0	21.9			8.3	2.4	7.7	88.0				
MI-1	6/11/2020	1030	5.0	21.9			8.3	2.4	7.6	86.0				
MI-1	6/11/2020	1030	6.0	21.9			8.3	2.4	7.5	86.0				
MI-1	6/11/2020	1030	7.0	21.9			8.3	2.4	7.5	85.0				
MI-1	6/11/2020	1030	8.0	21.9			8.3	2.4	7.4	85.0				
MI-1	6/11/2020	1030	9.0	21.8			8.3	2.3	7.4	85.0				
MI-1	6/11/2020	1030	10.0	21.8			8.3	2.4	7.3	84.0				
MI-1	6/11/2020	1030	11.0	21.2			8.3	2.7	6.6	75.0				
MI-1	6/11/2020	1030	12.0	20.7			8.2	2.8	6.1	68.0				
MI-1	6/11/2020	1030	13.0	20.5			8.2	2.7	6.0	67.0				
MI-1	6/11/2020	1030	14.0	20.2			8.2	2.8	5.5	60.0				
MI-1	6/11/2020	1030	15.0	20.0			8.2	3.1	5.3	58.0				
MI-1	6/11/2020	1030	16.0	19.9			8.2	3.1	5.0	55.0				
MI-1	6/11/2020	1030	17.0	18.4			8.0	3.2	4.6	50.0				
MI-3	6/11/2020	1100	0.3	24.5			8.4	5.9	7.3	88.0	1.1			
MI-3	6/11/2020	1100	1.0	24.5			8.4	5.8	7.3	88.0				
MI-3	6/11/2020	1100	2.0	24.5			8.4	5.9	7.3	87.0				
MI-3	6/11/2020	1100	3.0	24.4			8.4	5.9	7.2	86.0				
MI-3	6/11/2020	1100	4.0	23.9			8.4	5.2	7.0	82.0				
MI-3	6/11/2020	1100	5.0	23.8			8.4	5.0	6.9	82.0				
MI-3	6/11/2020	1100	6.0	23.5			8.4	4.3	6.8	80.0				
MI-3	6/11/2020	1100	7.0	23.2			8.3	3.6	6.5	76.0				
MI-3	6/11/2020	1100	8.0	22.5			8.3	2.9	6.5	75.0				
MI-3	6/11/2020	1100	9.0	21.1			8.2	2.6	5.7	64.0				
MI-3	6/11/2020	1100	10.0	19.7			8.1	2.9	5.3	59.0				
MI-3	6/11/2020	1100	11.0	19.3			8.1	3.8	5.2	57.0				
MI-5	6/11/2020	1120	0.3	24.4			8.3	14.8	6.8	81.0	0.4			
MI-5	6/11/2020	1120	1.0	24.4			8.3	15.0	6.7	81.0				
MI-5	6/11/2020	1120	2.0	24.1			8.3	29.1	6.0	72.0				
MI-5	6/11/2020	1120	3.0	24.0			8.3	50.8	5.7	67.0				

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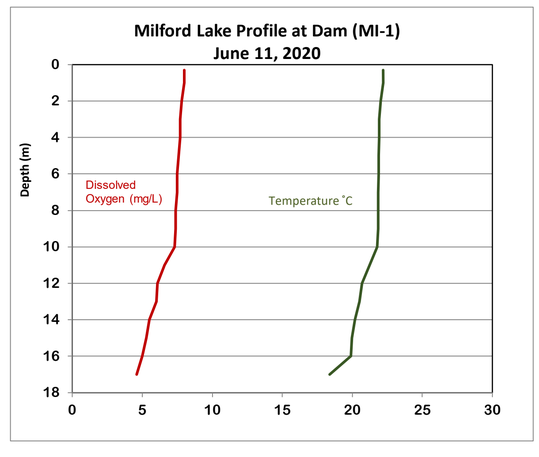

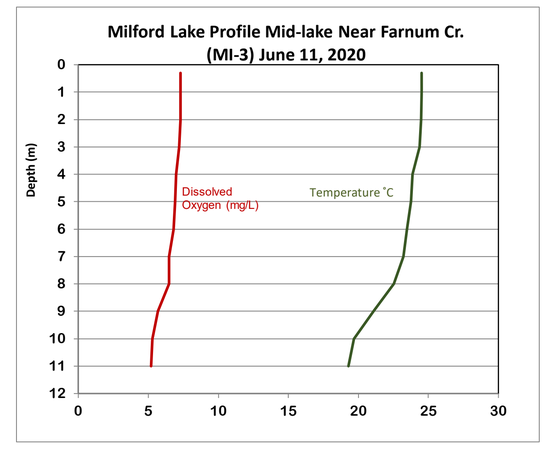

Site	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	TDS mg/l	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturation	Secchi Depth meters	Lake elevation feet	outflow csf	Notes
MI-1A	7/8/2020	1430	0.3	24.5	819.0	532.1	8.4	10.9	8.6	103.4		1144.87	1000	
MI-1	7/8/2020	1100	0.3	27.7	812.0	528.1	8.6	0.1	7.6	96.9	2.0			
MI-1	7/8/2020	1100	1.0	27.6	814.0	529.2	8.6	0.1	7.7	97.5				
MI-1	7/8/2020	1100	2.0	27.4	815.0	530.0	8.6	0.1	7.8	98.3				
MI-1	7/8/2020	1100	3.0	26.7	818.0	531.9	8.6	0.1	7.9	98.9				
MI-1	7/8/2020	1100	4.0	26.7	819.0	532.4	8.6	0.1	7.9	98.3				
MI-1	7/8/2020	1100	5.0	26.7	821.0	533.4	8.6	0.1	7.1	88.1				
MI-1	7/8/2020	1100	6.0	26.6	821.0	533.9	8.6	0.1	6.9	86.3				
MI-1	7/8/2020	1100	7.0	26.3	824.0	535.6	8.4	0.1	6.1	75.8				
MI-1	7/8/2020	1100	8.0	26.2	825.0	536.2	8.4	0.1	5.6	70.0				
MI-1	7/8/2020	1100	9.0	26.0	826.0	537.2	8.4	0.1	5.3	65.3				
MI-1	7/8/2020	1100	10.0	25.9	827.0	537.6	8.3	0.1	4.9	60.5				
MI-1	7/8/2020	1100	11.0	25.8	828.0	538.2	8.2	0.1	4.4	53.5				
MI-1	7/8/2020	1100	12.0	25.6	829.0	539.2	8.2	0.1	3.6	43.9				
MI-1	7/8/2020	1100	13.0	25.5	830.0	539.3	8.2	0.1	3.3	40.6				
MI-1	7/8/2020	1100	14.0	25.4	830.0	539.5	8.1	0.1	2.9	36.0				
MI-1	7/8/2020	1100	15.0	23.8	850.0	552.3	8.0	0.1	1.9	22.4				
MI-1	7/8/2020	1100	16.0	23.5	853.0	554.3	8.0	0.1	1.5	17.9				
MI-1	7/8/2020	1100	17.0	23.1	801.0	520.8	8.0	0.1	1.2	14.2				
MI-3	7/8/2020	1215	0.3	29.1	765.0	497.2	8.7	2.7	12.9	167.8	1.3			
MI-3	7/8/2020	1215	1.0	29.1	765.0	497.2	8.7	1.6	12.9	168.2				
MI-3	7/8/2020	1215	2.0	29.1	765.0	497.5	8.7	1.7	13.0	169.3				
MI-3	7/8/2020	1215	3.0	29.0	766.0	498.0	8.7	1.8	13.0	169.4				
MI-3	7/8/2020	1215	4.0	28.9	766.0	498.0	8.7	1.9	13.0	169.4				
MI-3	7/8/2020	1215	5.0	28.8	767.0	498.9	8.7	2.0	12.1	157.6				
MI-3	7/8/2020	1215	6.0	28.7	768.0	499.1	8.7	2.0	12.1	156.5				
MI-3	7/8/2020	1215	7.0	28.6	770.0	500.4	8.7	2.1	11.5	148.8				
MI-3	7/8/2020	1215	8.0	27.0	796.0	517.5	8.3	3.2	7.7	96.6				
MI-3	7/8/2020	1215	9.0	26.7	802.0	521.5	8.2	3.8	6.3	79.2				
MI-3	7/8/2020	1215	10.0	26.1	817.0	531.2	8.1	5.1	3.4	41.7				
MI-5	7/8/2020	1230	0.3	30.1	692.0	449.5	8.2	53.0	6.3	83.9	0.1			
MI-5	7/8/2020	1230	1.0	30.1	692.0	449.7	8.2	61.5	6.3	83.9				
MI-5	7/8/2020	1230	2.0	30.1	692.0	449.7	8.2	54.6	6.3	83.8				
MI-5	7/8/2020	1230	3.0	30.0	688.0	447.5	7.7	1870.8	5.0	66.4				

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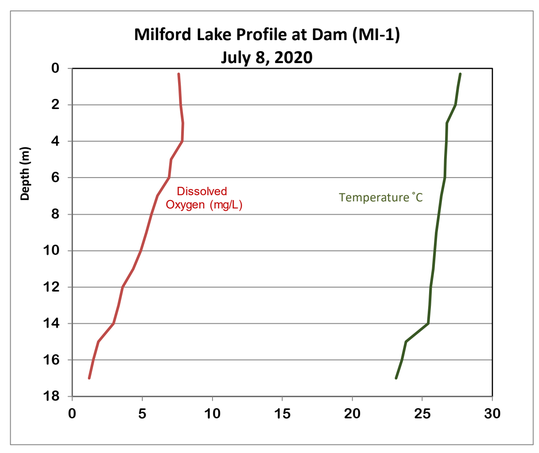

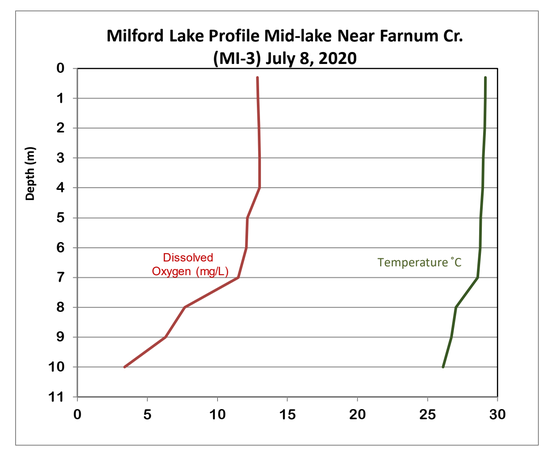

Site	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	TDS mg/l	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturation	Secchi Depth meters	Lake elevation feet	outflow csf	Notes
MI-1A	8/12/2020	1245	0.3	26.3	644.0	418.9	8.2	16.9	8.3	102.4		1148.29	7000	
MI-1	8/12/2020	1045	0.3	26.9	663.0	431.0	8.4	7.6	6.7	83.7	0.7			
MI-1	8/12/2020	1045	1.0	26.8	663.0	431.1	8.4	7.4	6.6	83.1				
MI-1	8/12/2020	1045	2.0	26.8	663.0	431.0	8.4	7.1	6.5	81.3				
MI-1	8/12/2020	1045	3.0	26.8	663.0	431.1	8.4	7.1	6.2	77.1				
MI-1	8/12/2020	1045	4.0	26.7	663.0	431.1	8.2	7.1	5.9	74.2				
MI-1	8/12/2020	1045	5.0	26.6	662.0	430.5	8.2	7.2	5.3	66.6				
MI-1	8/12/2020	1045	6.0	26.5	662.0	430.5	8.2	7.2	5.3	65.9				
MI-1	8/12/2020	1045	7.0	26.4	660.0	428.9	8.2	7.6	5.0	62.7				
MI-1	8/12/2020	1045	8.0	26.4	659.0	428.4	8.2	7.7	5.0	61.9				
MI-1	8/12/2020	1045	9.0	26.3	659.0	428.1	8.2	7.8	4.9	60.9				
MI-1	8/12/2020	1045	10.0	26.3	656.0	426.3	8.2	8.3	4.5	55.3				
MI-1	8/12/2020	1045	11.0	26.2	655.0	425.7	8.0	8.4	4.3	53.6				
MI-1	8/12/2020	1045	12.0	26.2	651.0	423.0	8.0	9.2	4.0	49.9				
MI-1	8/12/2020	1045	13.0	26.1	647.0	420.2	8.0	9.7	3.5	43.0				
MI-1	8/12/2020	1045	14.0	26.1	642.0	417.6	8.0	10.1	3.3	40.7				
MI-1	8/12/2020	1045	15.0	25.8	628.0	408.3	7.8	10.9	2.1	25.7				
MI-1	8/12/2020	1045	16.0	25.7	622.0	404.2	7.7	11.1	1.5	18.7				
MI-1	8/12/2020	1045	17.0	25.6	615.0	399.6	7.7	11.1	1.2	14.6				
MI-3	8/12/2020	1115	0.3	27.2	585.0	380.5	8.5	41.3	7.3	92.6	0.5			
MI-3	8/12/2020	1115	1.0	27.2	585.0	380.5	8.5	25.3	7.4	92.6				
MI-3	8/12/2020	1115	2.0	27.2	585.0	380.4	8.5	22.0	7.3	92.4				
MI-3	8/12/2020	1115	3.0	27.1	585.0	380.1	8.4	17.5	7.3	92.1				
MI-3	8/12/2020	1115	4.0	27.1	583.0	378.9	8.4	27.4	7.2	91.1				
MI-3	8/12/2020	1115	5.0	27.1	580.0	376.9	8.4	19.1	7.2	90.1				
MI-3	8/12/2020	1115	6.0	27.1	576.0	374.2	8.3	21.3	6.8	85.6				
MI-3	8/12/2020	1115	7.0	26.9	561.0	364.7	8.1	22.1	6.0	75.4				
MI-3	8/12/2020	1115	8.0	26.8	513.0	333.2	7.9	23.1	5.3	66.7				
MI-3	8/12/2020	1115	9.0	26.7	507.0	329.3	7.9	24.2	5.1	64.1				
MI-3	8/12/2020	1115	10.0	26.3	489.9	318.4	7.8	31.4	3.6	45.0				
MI-3	8/12/2020	1115	11.0	26.3	488.3	317.4	7.7	33.2	3.4	42.7				
MI-5	8/12/2020	1145	0.3	28.3	734.0	477.3	8.2	31.9	7.1	90.7	0.2			
MI-5	8/12/2020	1145	1.0	28.3	735.0	477.4	8.2	30.4	7.0	90.4				
MI-5	8/12/2020	1145	2.0	28.3	734.0	477.2	8.2	29.3	7.0	89.6				
MI-5	8/12/2020	1145	3.0	28.3	734.0	477.0	8.2	27.7	6.9	89.3				

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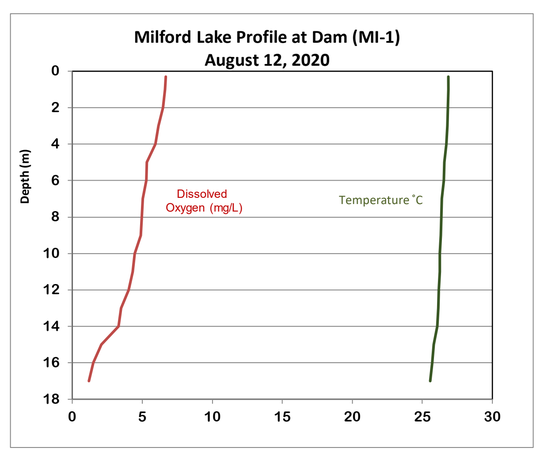

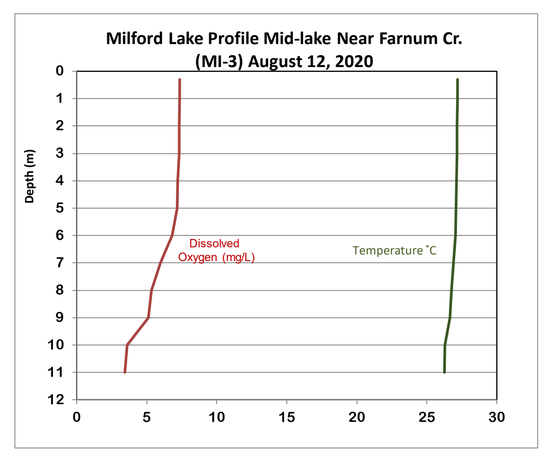

Site	Date MMDDYY	Time HHMM	Depth (M) meters	Temp øC	Conductivity æS/cm	TDS mg/l	pH Units	Turbidity NTU	D.O. mg/l	D.O % Saturation	Secchi Depth meters	Lake elevation feet	outflow csf	Notes
MI-1A	9/9/2020	1245	0.3	20.5	603.0	392.2	8.2	9.3	9.0	100.0		1145.92	400	
MI-1	9/9/2020	1045	0.3	23.8	614.0	399.4	8.1	5.3	6.0	71.5	1.1			
MI-1	9/9/2020	1045	1.0	23.8	614.0	399.4	8.1	5.3	6.0	71.6				
MI-1	9/9/2020	1045	2.0	23.8	615.0	399.6	8.1	5.4	6.1	71.8				
MI-1	9/9/2020	1045	3.0	23.9	615.0	399.7	8.1	5.3	6.1	71.8				
MI-1	9/9/2020	1045	4.0	23.9	615.0	399.8	8.1	5.3	6.1	71.8				
MI-1	9/9/2020	1045	5.0	23.9	615.0	399.8	8.1	5.3	6.1	71.8				
MI-1	9/9/2020	1045	6.0	23.9	615.0	399.8	8.1	5.4	6.0	71.7				
MI-1	9/9/2020	1045	7.0	23.9	615.0	399.8	8.1	5.4	6.0	71.7				
MI-1	9/9/2020	1045	8.0	23.9	615.0	399.8	8.1	5.4	6.0	71.7				
MI-1	9/9/2020	1045	9.0	23.9	615.0	399.9	8.1	5.4	6.0	71.7				
MI-1	9/9/2020	1045	10.0	23.9	615.0	399.9	8.1	5.4	6.1	71.8				
MI-1	9/9/2020	1045	11.0	23.9	615.0	399.9	8.1	5.5	6.1	71.8				
MI-1	9/9/2020	1045	12.0	23.9	615.0	399.9	8.1	5.7	6.1	71.8				
MI-1	9/9/2020	1045	13.0	23.9	615.0	399.9	8.1	5.7	6.1	71.8				
MI-1	9/9/2020	1045	14.0	23.8	615.0	399.9	8.1	6.1	6.1	71.8				
MI-1	9/9/2020	1045	15.0	23.8	615.0	399.9	8.1	6.3	6.1	71.8				
MI-1	9/9/2020	1045	16.0	23.8	615.0	399.9	8.1	6.3	6.1	71.8				
MI-1	9/9/2020	1045	17.0	23.8	615.0	399.9	8.1	6.3	6.1	71.7				
MI-1	9/9/2020	1045	18.0	23.8	615.0	399.9	8.1	6.2	6.0	71.6				
MI-3	9/9/2020	1110	0.3	23.3	620.0	402.8	8.4	14.0	7.4	86.8	0.4			
MI-3	9/9/2020	1110	1.0	23.3	620.0	402.9	8.4	14.3	7.4	86.4				
MI-3	9/9/2020	1110	2.0	23.4	621.0	403.4	8.4	14.4	7.2	85.2				
MI-3	9/9/2020	1110	3.0	23.4	621.0	403.7	8.4	14.8	7.2	84.4				
MI-3	9/9/2020	1110	4.0	23.4	621.0	403.9	8.4	14.9	7.2	84.1				
MI-3	9/9/2020	1110	5.0	23.4	622.0	404.0	8.4	12.3	7.1	83.5				
MI-3	9/9/2020	1110	6.0	23.4	622.0	404.1	8.4	14.7	7.1	83.2				
MI-3	9/9/2020	1110	7.0	23.4	622.0	404.1	8.4	14.1	7.0	82.8				
MI-3	9/9/2020	1110	8.0	23.4	622.0	404.1	8.4	14.3	7.0	82.7				
MI-3	9/9/2020	1110	9.0	23.4	622.0	404.1	8.4	14.3	7.0	82.6				
MI-3	9/9/2020	1110	10.0	23.4	622.0	404.1	8.4	14.2	7.0	82.5				
MI-3	9/9/2020	1110	11.0	23.4	622.0	404.1	8.4	14.1	7.0	82.5				
MI-5	9/9/2020	1130	0.3	20.2	734.0	477.3	8.6	34.5	7.4	81.8	0.25			
MI-5	9/9/2020	1130	1.0	20.2	735.0	477.6	8.6	31.3	7.4	81.7				
MI-5	9/9/2020	1130	2.0	16.3	944.0	613.4	8.4	49.6	7.5	77.0				
MI-5	9/9/2020	1130	3.0	15.8	957.0	621.9	8.4	54.3	7.6	77.0				

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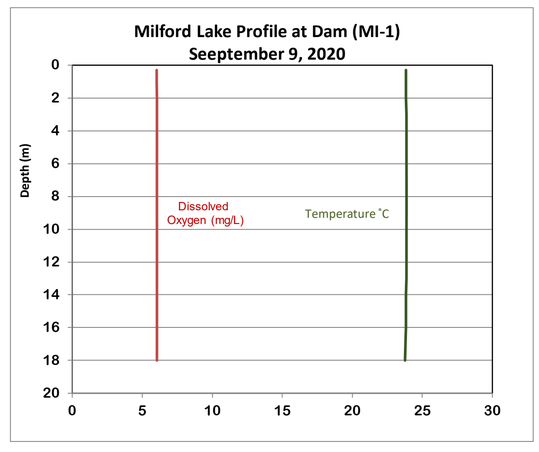

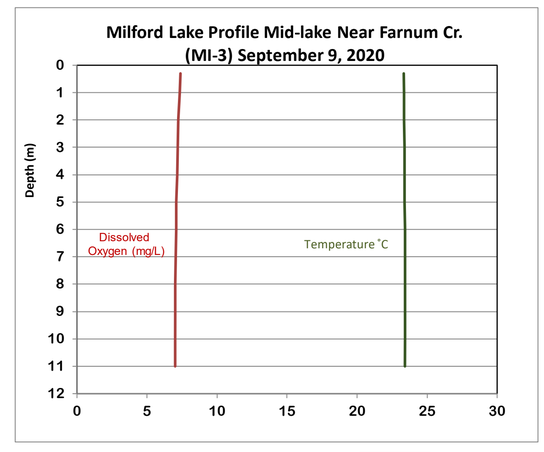

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