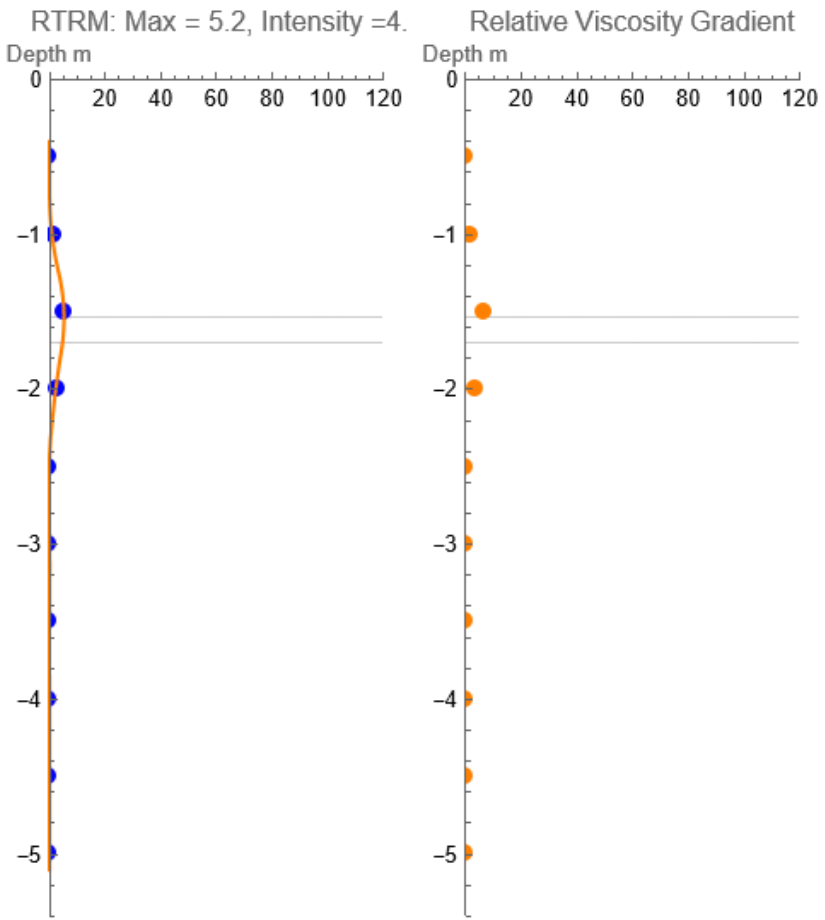
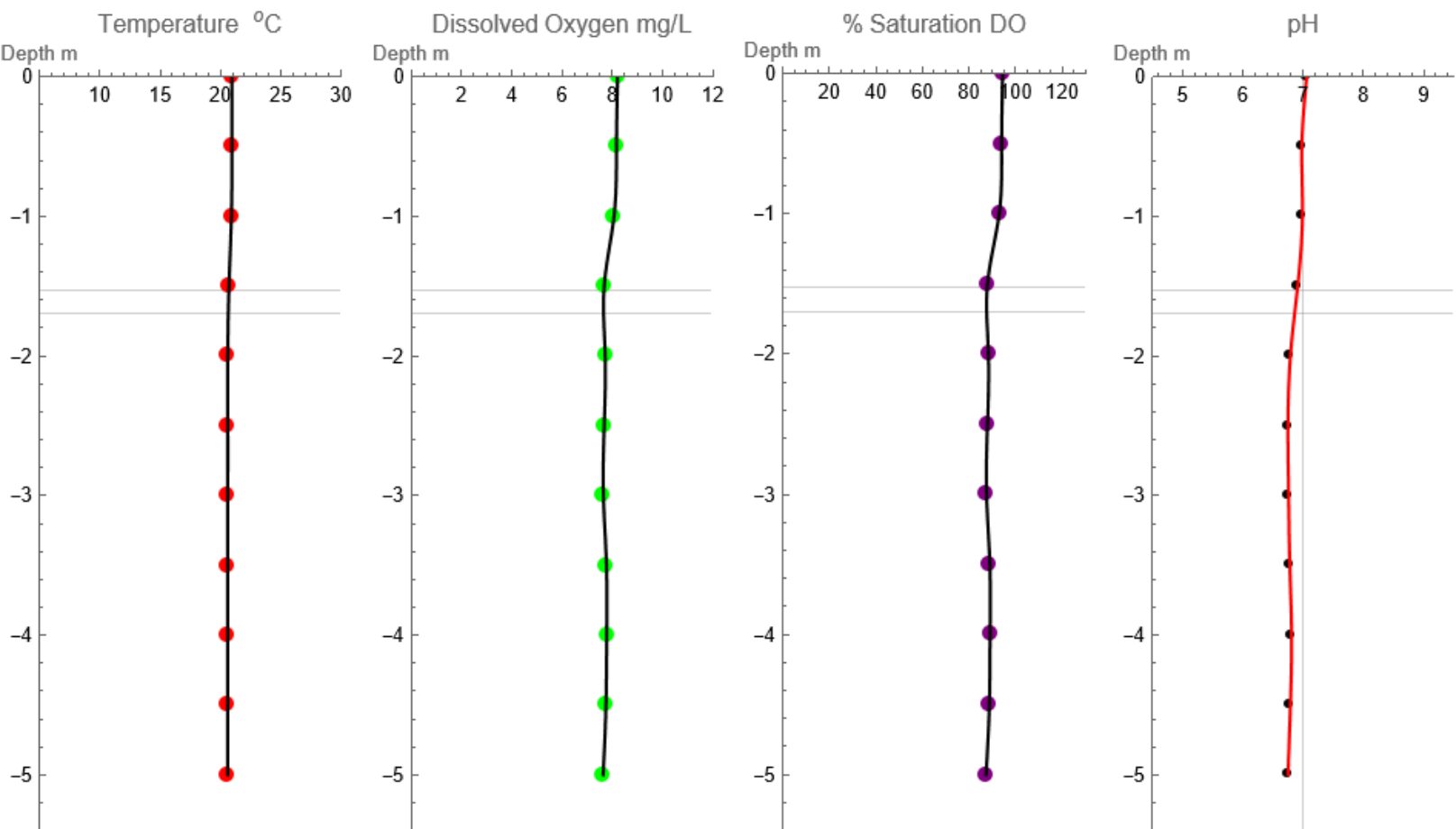


Lower Bolton Lake September 19, 2023, 11:50 AM Station: LBDEEP Collectors: PV
Depth 6.0 m Secchi 1.7 m Max RTRM 1.5 m
Weather: Mostly Cumulus Cover, Some Sun, Small Waves, Wind Light to Fresh, Variable WNW to NW
Notes: Air Temp 18.9 °C, Clumps of Green Algae. H₂O Samples @ 1 & 5 m.



Input Data			
D	Temp	DO	pH
0.00	20.95	8.21	7.06
-0.50	20.95	8.17	6.98
-1.00	20.90	8.07	6.99
-1.50	20.70	7.68	6.91
-2.00	20.60	7.72	6.79
-2.50	20.60	7.68	6.75
-3.00	20.60	7.65	6.76
-3.50	20.60	7.77	6.78
-4.00	20.60	7.78	6.81
-4.50	20.60	7.75	6.79
-5.00	20.60	7.64	6.75

Output Data			
D	RTRM	RVG	%S
0.0	0	0	94.4
-0.5	0.0	0	94.0
-1.0	1.3	1.7	92.9
-1.5	5.3	6.9	87.9
-2.0	2.6	3.5	88.3
-2.5	0.0	0	87.9
-3.0	0.0	0	87.5
-3.5	0.0	0	88.9
-4.0	0.0	0	89.0
-4.5	0.0	0	88.7
-5.0	0.0	0	87.3

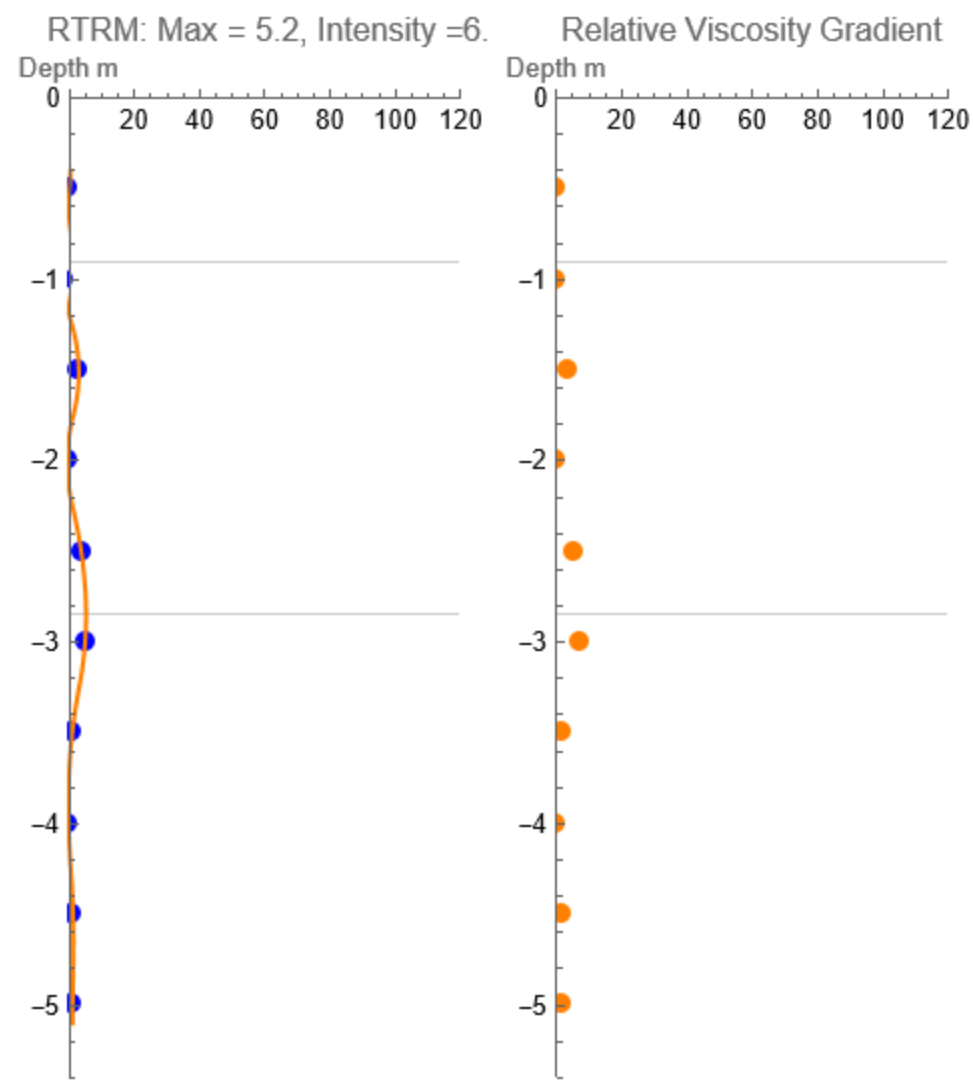
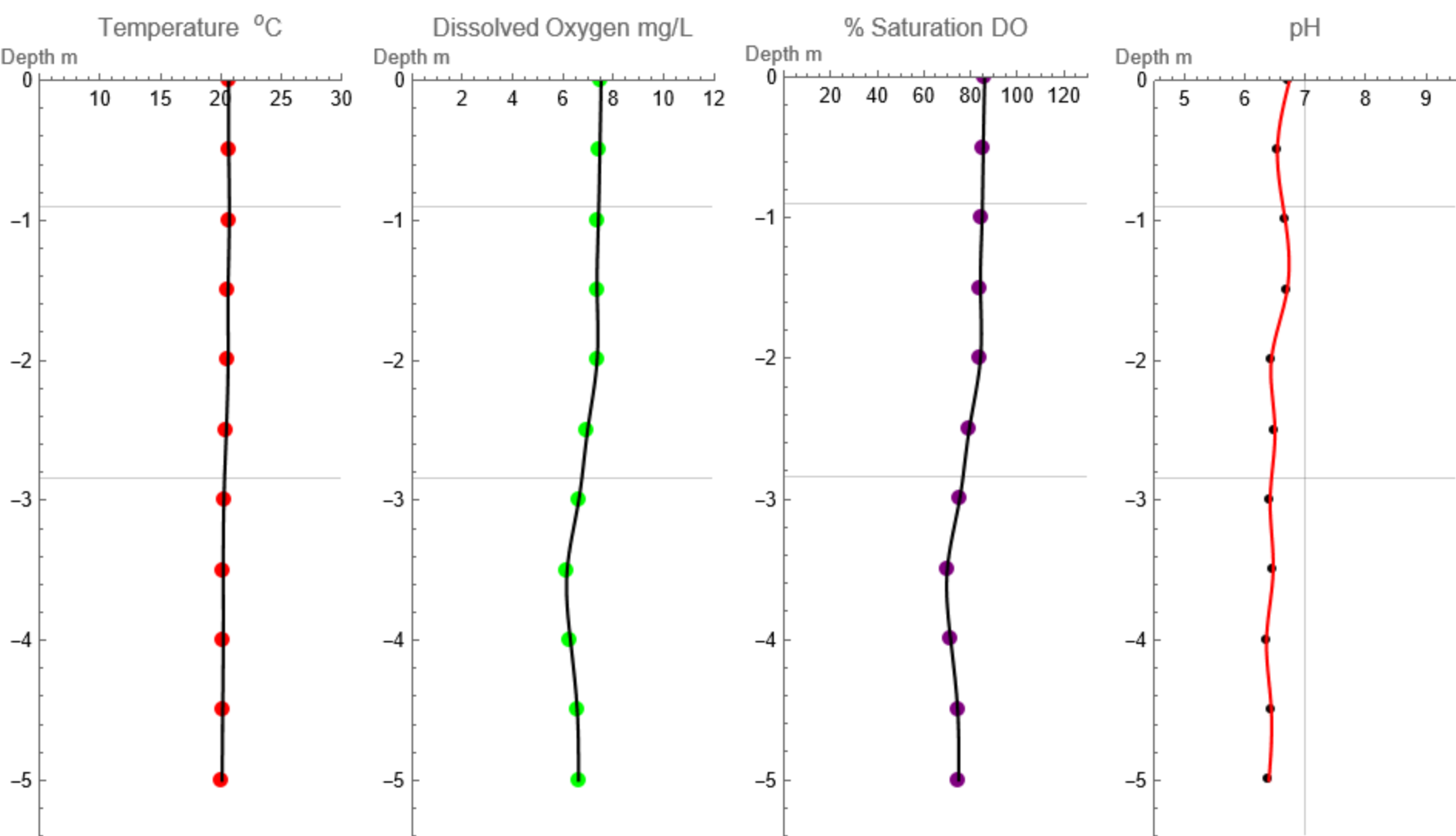
Lake	Station	Year	Month	Day	Date	Level	Depth	Temp	DO	O2_sat	RTRM	RVG	pH
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		0.0	21.0	8.2	94	0	0	7.1
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		0.5	21.0	8.2	94	0	0	7.0
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		1.0	20.9	8.1	93	1	2	7.0
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		1.5	20.7	7.7	88	5	7	6.9
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		2.0	20.6	7.7	88	3	3	6.8
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		2.5	20.6	7.7	88	0	0	6.8
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		3.0	20.6	7.7	88	0	0	6.8
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		3.5	20.6	7.8	89	0	0	6.8
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		4.0	20.6	7.8	89	0	0	6.8
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		4.5	20.6	7.8	89	0	0	6.8
Lower_Bolton	LBDEEP	2023	9	19	9/19/2023		5.0	20.6	7.6	87	0	0	6.8

Secchi	Anoxia	Weather	WindSp
1.7	0.0	Mostly Cumulus Cover, Some Sun, Small Waves	Light to Fresh, Variable

WindDir

WNW to NW

Middle Bolton Lake September 19, 2023, 01:30 PM Station: MBDEEP Collectors: JW, KP, JP, PV
Depth 5.8 m Secchi 0.9 m Max RTRM 2.8 m
Weather: Mostly Cumulus Cover, Some Sun, Small Waves, Wind Light to Fresh, Variable WNW to NW
Notes: Air Temp 20 °C, Secchi No Scope 0.8 H₂O Samples @ 1 & 5 m



Input Data			
D	Temp	DO	pH
0.00	20.65	7.52	6.74
-0.50	20.65	7.47	6.54
-1.00	20.70	7.41	6.67
-1.50	20.60	7.36	6.70
-2.00	20.60	7.36	6.44
-2.50	20.45	6.98	6.50
-3.00	20.25	6.63	6.42
-3.50	20.20	6.17	6.47
-4.00	20.20	6.30	6.36
-4.50	20.15	6.57	6.44
-5.00	20.10	6.62	6.40

Output Data			
D	RTRM	RVG	%S
0.0	0	0	86.0
-0.5	0.0	0	85.4
-1.0	-1.3	0	84.9
-1.5	2.6	3.5	84.2
-2.0	0.0	0	84.2
-2.5	3.9	5.2	79.4
-3.0	5.2	7.0	75.3
-3.5	1.3	1.8	70.0
-4.0	0.0	0	71.4
-4.5	1.3	1.8	74.4
-5.0	1.3	1.8	74.9

Lake	Station	Year	Month	Day	Date	Level	Depth	Temp	DO	O2_sat	RTRM	RVG
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		0.0	20.7	7.5	86	0	0
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		0.5	20.7	7.5	85	0	0
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		1.0	20.7	7.4	85	-1	0
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		1.5	20.6	7.4	84	3	3
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		2.0	20.6	7.4	84	0	0
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		2.5	20.5	7.0	79	4	5
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		3.0	20.3	6.6	75	5	7
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		3.5	20.2	6.2	70	1	2
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		4.0	20.2	6.3	71	0	0
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		4.5	20.2	6.6	74	1	2
Middle_Bolton	MBDEEP	2023	9	19	9/19/2023		5.0	20.1	6.6	75	1	2

pH	Secchi	Anoxia	Weather	WindSp
6.7	0.9	0.0	Mostly Cumulus Cover, Some Sun, Small Waves	Light to Fresh, Variable
6.5				
6.7				
6.7				
6.4				
6.5				
6.4				
6.5				
6.4				
6.4				
6.4				

WindDir

WNW to NW