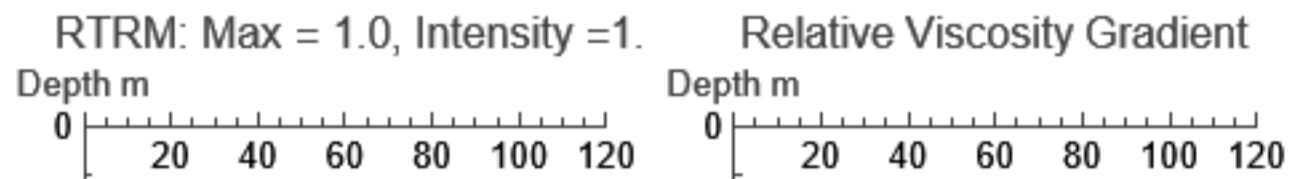
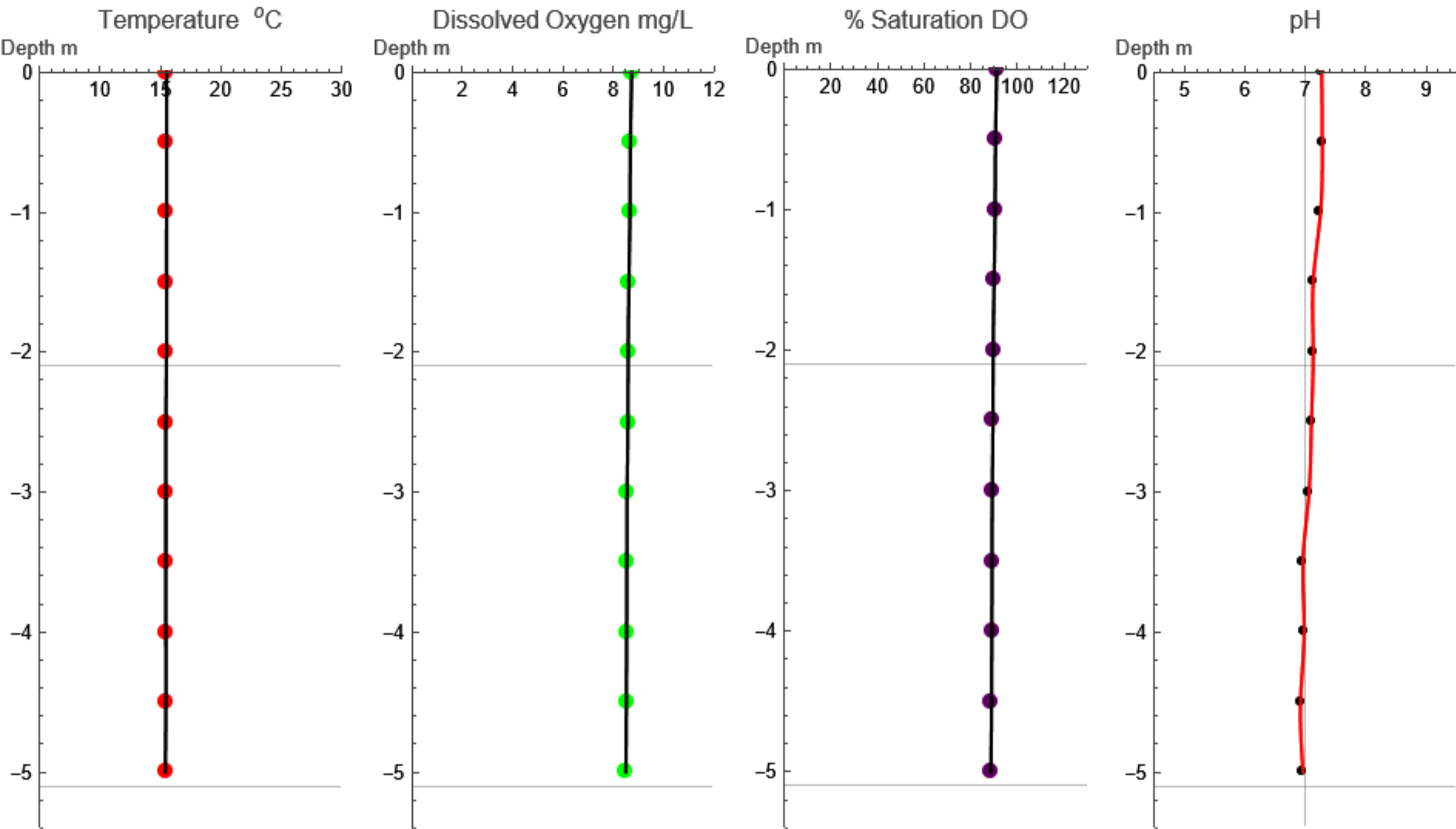


Lower Bolton Lake October 15, 2023, 02:20 PM Station: LBDEEP Collectors: PV

Depth 6.0 m Secchi 2.1 m Max RTRM 5.1 m

Weather: Mostly Cumulus Overcast, Surface Wavelets, Wind Light to Fresh N Variable

Notes: Air Temp 13.3 °C, H<sub>2</sub>O Samples @ 1 & 5 m.



**Input Data**

D	Temp	DO	pH
0.00	15.50	8.73	7.27
-0.50	15.50	8.68	7.28
-1.00	15.50	8.66	7.25
-1.50	15.50	8.62	7.13
-2.00	15.50	8.59	7.13
-2.50	15.45	8.58	7.10
-3.00	15.45	8.55	7.06
-3.50	15.45	8.54	6.96
-4.00	15.45	8.53	6.98
-4.50	15.45	8.52	6.92
-5.00	15.40	8.50	6.96

**Output Data**

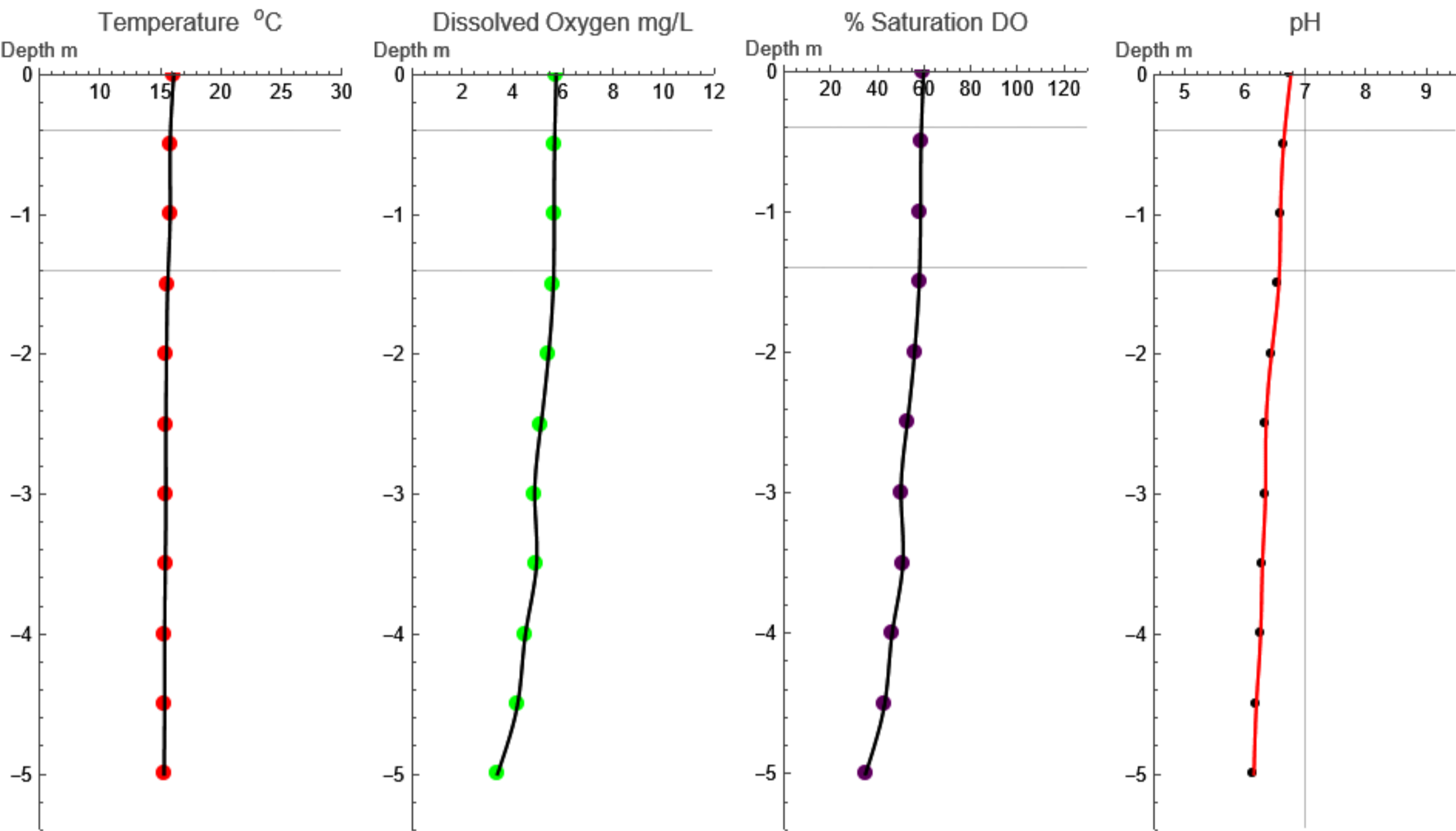
D	RTRM	RVG	%S
0.0	0	0	91.1
-0.5	0.0	0	90.6
-1.0	0.0	0	90.4
-1.5	0.0	0	90.0
-2.0	0.0	0	89.6
-2.5	1.0	2.1	89.5
-3.0	0.0	0	89.2
-3.5	0.0	0	89.1
-4.0	0.0	0	89.0
-4.5	0.0	0	88.9
-5.0	1.0	2.1	88.6

Middle Bolton Lake October 12, 2023, 10:40 AM Station: MBDEEP Collectors: PV, PS

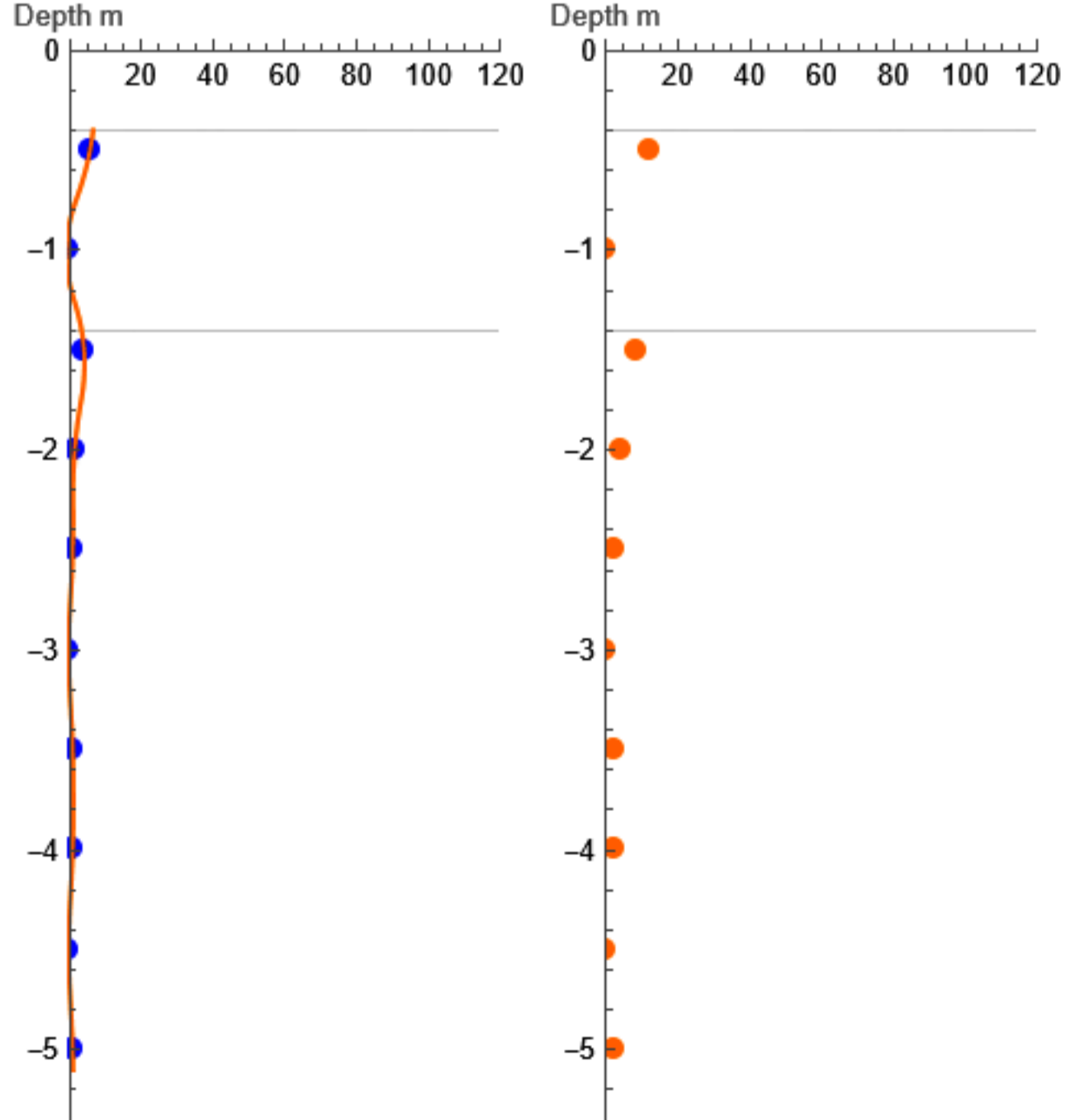
Depth 5.4 m Secchi 1.4 m Max RTRM 0.4 m

Weather: Bright Clear Sky, Surface Ripples, Wind Light S

Notes: Air Temp 15.0 °C, Secchi No Scope 0.8, H<sub>2</sub>O Samples @ 1 & 5 m



RTRM: Max = 6.6, Intensity =6.



Input Data

D	Temp	DO	pH
0.00	16.10	5.73	6.76
-0.50	15.80	5.67	6.64
-1.00	15.80	5.65	6.59
-1.50	15.60	5.62	6.56
-2.00	15.50	5.43	6.44
-2.50	15.45	5.13	6.35
-3.00	15.45	4.88	6.34
-3.50	15.40	4.95	6.29
-4.00	15.35	4.51	6.26
-4.50	15.35	4.20	6.19
-5.00	15.30	3.40	6.15

Output Data

D	RTRM	RVG	%S
0.0	0	0	59.8
-0.5	6.0	12.4	58.7
-1.0	0.0	0	58.5
-1.5	3.9	8.3	57.9
-2.0	1.9	4.2	55.9
-2.5	1.0	2.1	52.8
-3.0	0.0	0	50.1
-3.5	1.0	2.1	50.9
-4.0	1.0	2.1	46.3
-4.5	0.0	0	43.1
-5.0	1.0	2.1	34.9

Lake	Station	Year	Month	Day	Date	Level	Depth	Temp	DO	O2_sat	RTRM	RVG
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		0.0	15.5	8.7	91	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		0.5	15.5	8.7	91	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		1.0	15.5	8.7	90	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		1.5	15.5	8.6	90	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		2.0	15.5	8.6	90	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		2.5	15.5	8.6	90	1	2
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		3.0	15.5	8.6	89	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		3.5	15.5	8.5	89	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		4.0	15.5	8.5	89	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		4.5	15.5	8.5	89	0	0
Lower_Bolton	LBDEEP	2023	10	15	10/15/2023		5.0	15.4	8.5	89	1	2

pH	Secchi	Anoxia	Weather	WindSp	WindDir
7.3	2.1	0.0	Mostly Cumulus Overcast, Surface Wavelets	Light to Fresh	N Variable
7.3					
7.3					
7.1					
7.1					
7.1					
7.1					
7.0					
7.0					
6.9					
7.0					

Lake	Station	Year	Month	Day	Date	Level	Depth	Temp	DO	O2_sat	RTRM	RVG
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		0.0	16.1	5.7	60	0	0
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		0.5	15.8	5.7	59	6	12
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		1.0	15.8	5.7	59	0	0
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		1.5	15.6	5.6	58	4	8
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		2.0	15.5	5.4	56	2	4
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		2.5	15.5	5.1	53	1	2
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		3.0	15.5	4.9	50	0	0
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		3.5	15.4	5.0	51	1	2
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		4.0	15.4	4.5	46	1	2
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		4.5	15.4	4.2	43	0	0
Middle_Bolton	MBDEEP	2023	10	12	10/12/2023		5.0	15.3	3.4	35	1	2

pH	Secchi	Anoxia	Weather	WindSp	WindDir
6.8	1.4	0.0	Bright Clear Sky, Surface Ripples	Light	S
6.6					
6.6					
6.6					
6.4					
6.4					
6.3					
6.3					
6.3					
6.2					
6.2					