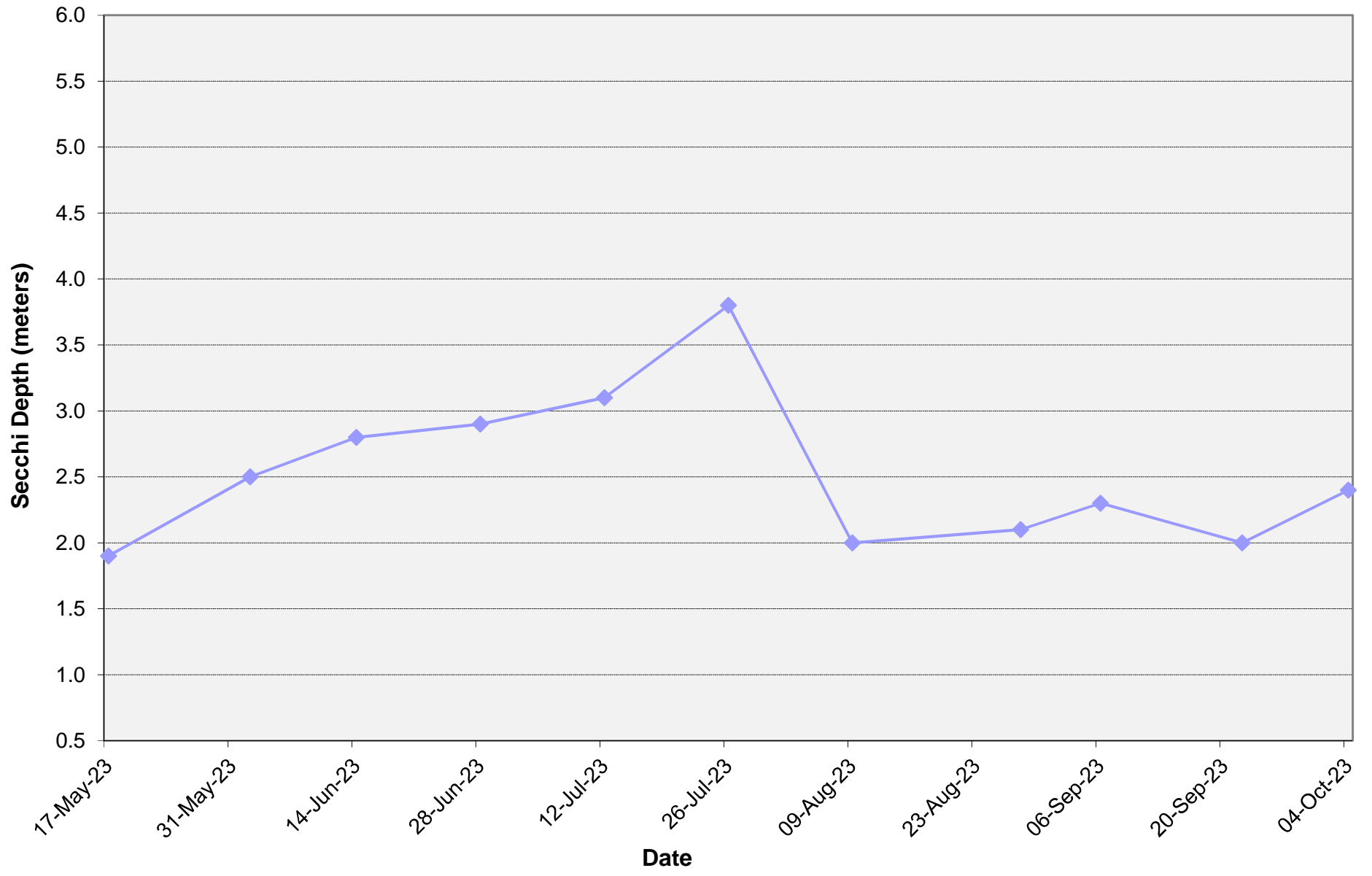


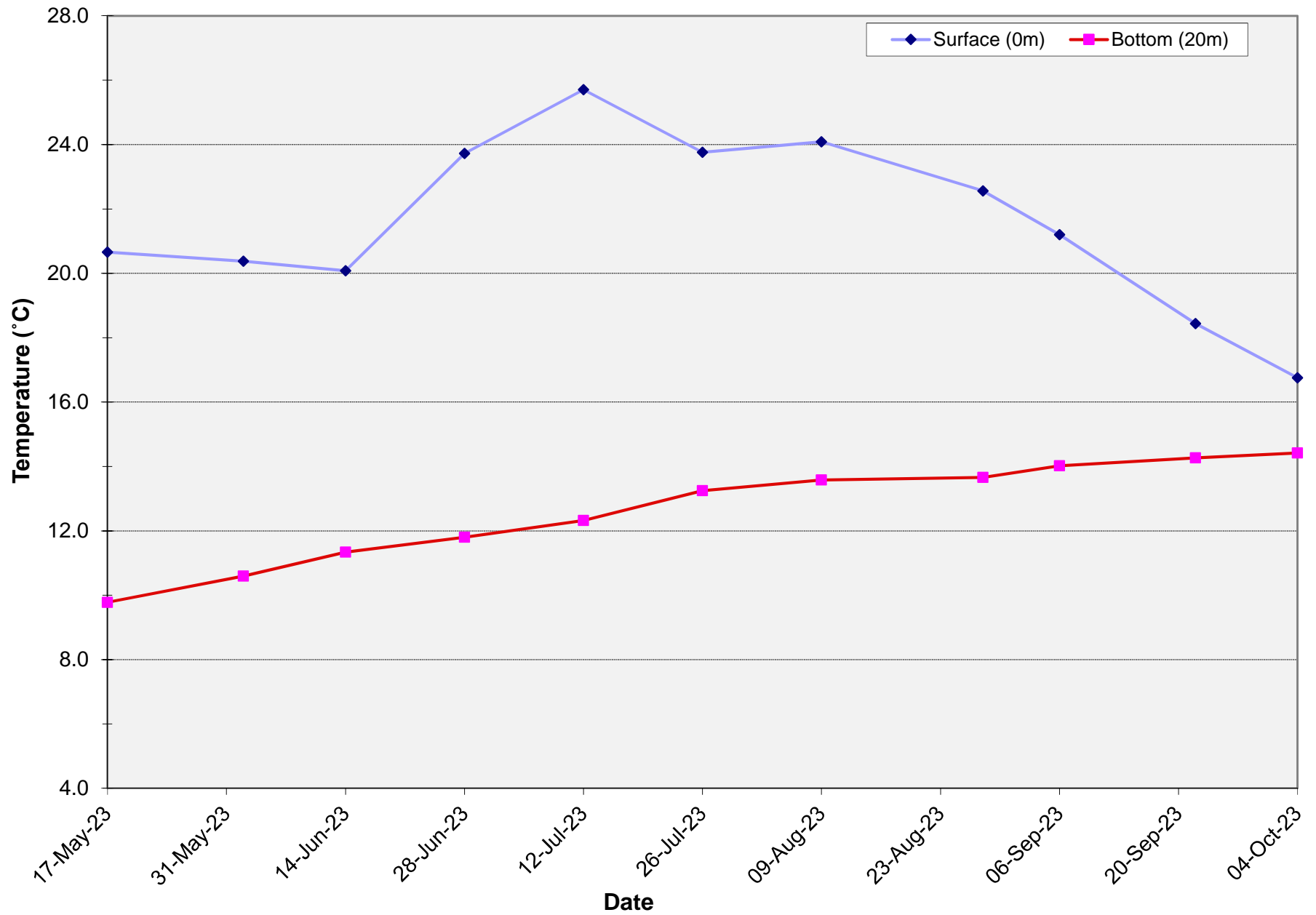
**DATA - SOUTH BASIN (Border)- 2023**

DATE	TIME	SKY CONDITION, % cloud cover	WIND DIRECTION	WIND STRENGTH	WATER CONDITION	AIR TEMPERATURE (°C)	LAKE DEPTH (meters)	SECCHI DISC (meters)	TEMP, SURFACE (°C at 0m)	TEMP, BOTTOM (°C at 20m)	D.O. SURFACE (mg/l at 0m)	D.O. BOTTOM (mg/l at 20m)	SP. COND. - SURFACE (µS/cm)	SP. COND. - BTM (µS/cm at 20m)	pH SURFACE	pH BOTTOM (20m)	THERMOCLINE			NOTES
																	DEPTH (meters)	TEMP (°C)	D.O. (ppm)	
17-May-23	10:48 AM	0%	Still	Calm	Flat	24.5	24.0	1.9	20.66	9.78	10.70	8.93	281.20	298.90	8.48	7.76	5.0	15.64	10.71	
2-Jun-23	11:29 AM	0%	S	Low	Ripple	24.0	24.0	2.5	20.38	10.59	9.40	6.64	257.00	302.60	8.37	7.49	9.0	14.70	7.58	
14-Jun-23	10:30 AM	80%	NW	Calm	Flat	18.0	24.0	2.8	20.08	11.34	8.66	5.64	258.75	290.90	8.17	7.66	9.0	15.95	6.81	
28-Jun-23	10:57 AM	10%	Still	Calm	Flat	27.0	24.0	2.9	23.73	11.80	9.74	3.34	272.20	293.50	8.65	7.61	10.0	16.12	5.35	
12-Jul-23	11:51 AM	30%	S	Low	Ripple	28.7	24.0	3.1	25.71	12.32	9.22	1.22	270.60	295.70	8.83	7.36	9.0	17.51	4.56	
26-Jul-23	8:26 AM	0%	Still	Calm	Flat	19.0	24.0	3.8	23.76	13.25	8.49	0.29	272.70	294.30	8.85	7.31	9.0	20.07	4.69	
09-Aug-23	11:10 AM	63%	Still	Calm	Flat	26.1	24.0	2.0	24.09	13.58	9.28	0.08	276.60	291.30	9.16	7.61	9.5	18.76	1.71	
28-Aug-23	11:42 AM	See note	N	Low	Ripple	27.9	24.0	2.1	22.56	13.66	10.14	0.08	278.75	297.40	9.13	7.60	11.0	17.76	0.95	Moderate smoke, sunny
06-Sep-23	9:50 AM	10%	NW	Calm	Flat	20.7	30.0	2.3	21.20	14.02	9.03	0.09	281.45	296.80	8.96	7.60	11.5	17.14	1.72	
22-Sep-23	10:25 AM	0%	SW	Calm	Flat	17.0	24.0	2.0	18.44	14.27	7.67	0.07	286.85	300.80	8.71	7.63	15.0	16.40	1.64	
04-Oct-23	10:30 AM	40%	Still	Calm	Flat	16.8	24.0	2.4	16.76	14.42	9.10	0.21	287.50	303.90	8.77	7.72	17.0	15.54	2.82	

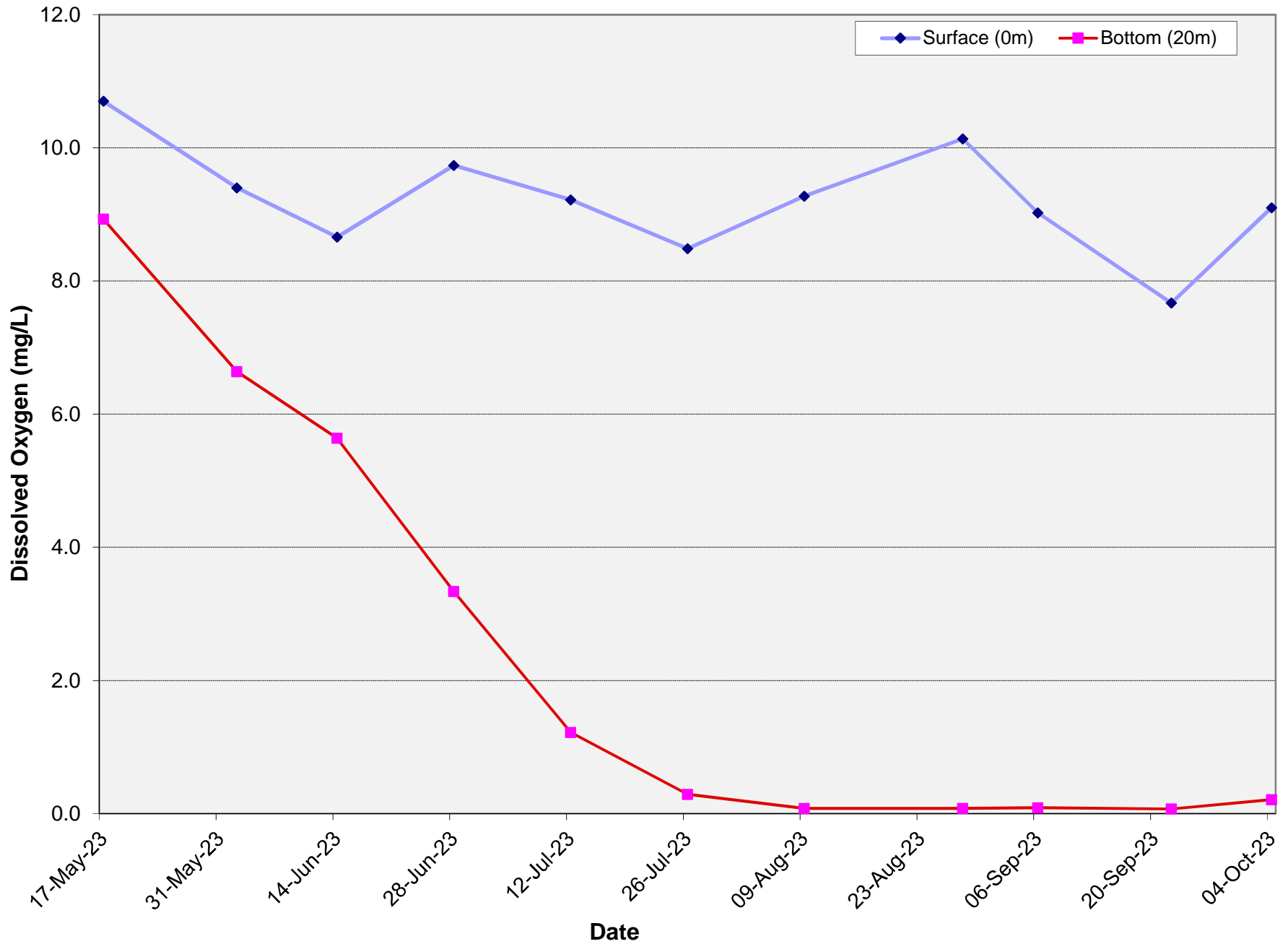
### Osoyoos Lake (at South Basin) - Secchi Depth 2023



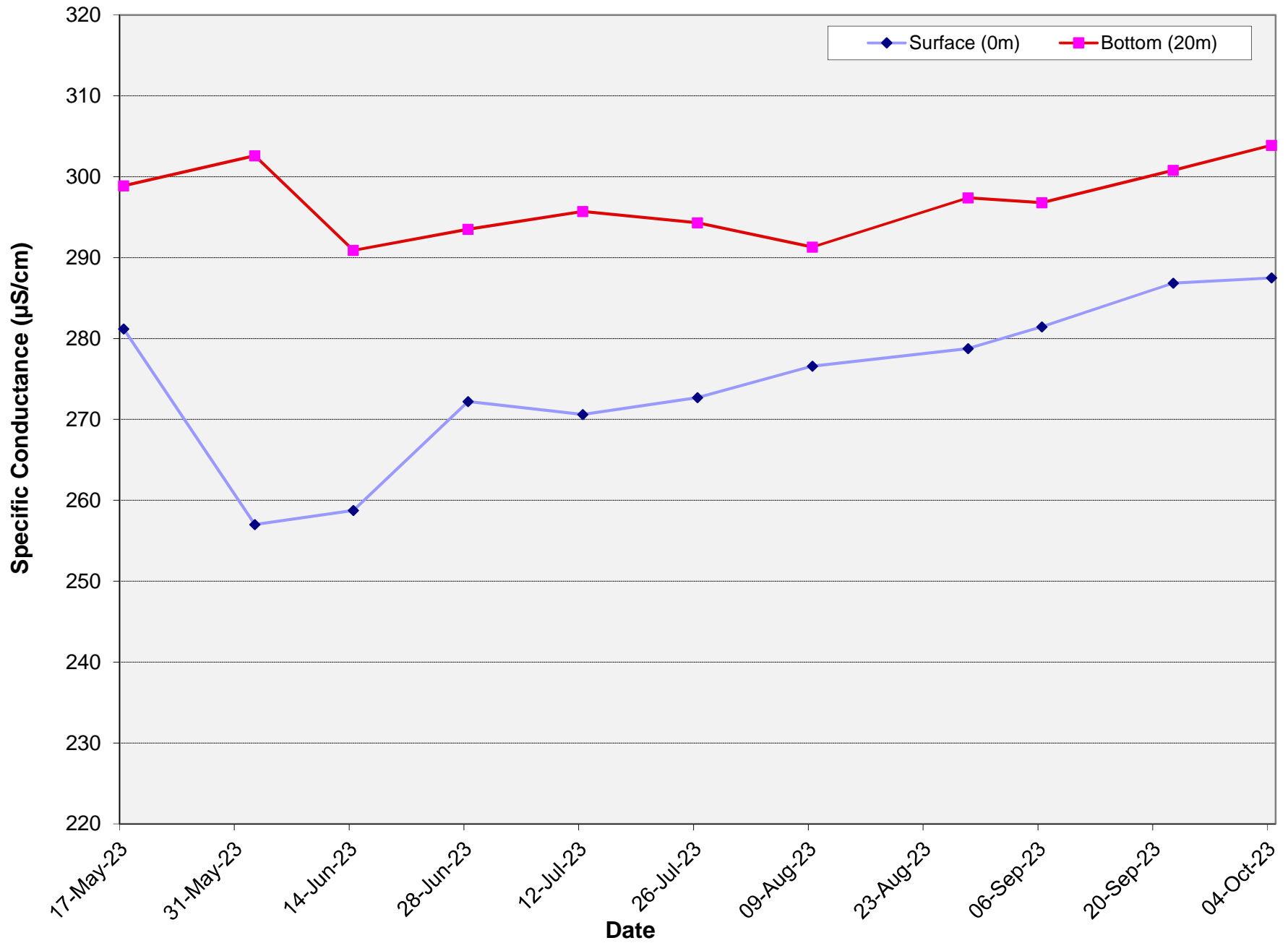
# Osoyoos Lake (at South Basin) - Water Temperature 2023



# Osoyoos Lake (at South Basin) - Dissolved Oxygen Levels 2023



# Osoyoos Lake (at South Basin) - Specific Conductance Data 2023



**DEPTH DATA****Depth (m)**

17-May-23	2-Jun-23	14-Jun-23	28-Jun-23	12-Jul-23	26-Jul-23	9-Aug-23	28-Aug-23	6-Sep-23	22-Sep-23	4-Oct-23
0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00
1.95	2.01	1.97	1.98	2.02	2.01	2.00	1.95	1.93	1.99	1.93
3.95	3.96	3.96	3.94	3.95	3.99	3.99	3.95	3.93	3.89	3.98
5.96	5.94	5.97	5.94	5.94	5.97	5.95	5.95	5.89	5.93	5.91
7.91	7.93	7.84	7.94	7.84	7.94	7.92	7.95	7.97	7.79	7.90
9.88	9.92	9.88	9.92	9.90	9.94	9.91	9.90	9.94	9.94	9.84
11.87	11.91	11.89	11.90	11.92	11.88	11.91	11.89	11.88	11.84	11.88
13.85	13.87	13.80	13.90	13.87	13.90	13.88	13.86	13.92	13.88	13.86
15.82	15.83	15.83	15.87	15.66	15.88	15.87	15.87	15.90	15.96	15.87
17.65	17.62	17.85	17.87	17.70	17.90	17.86	17.87	17.86	17.81	17.81
19.7	19.70	19.75	19.88	19.88	19.87	19.87	19.73	19.85	19.97	19.86

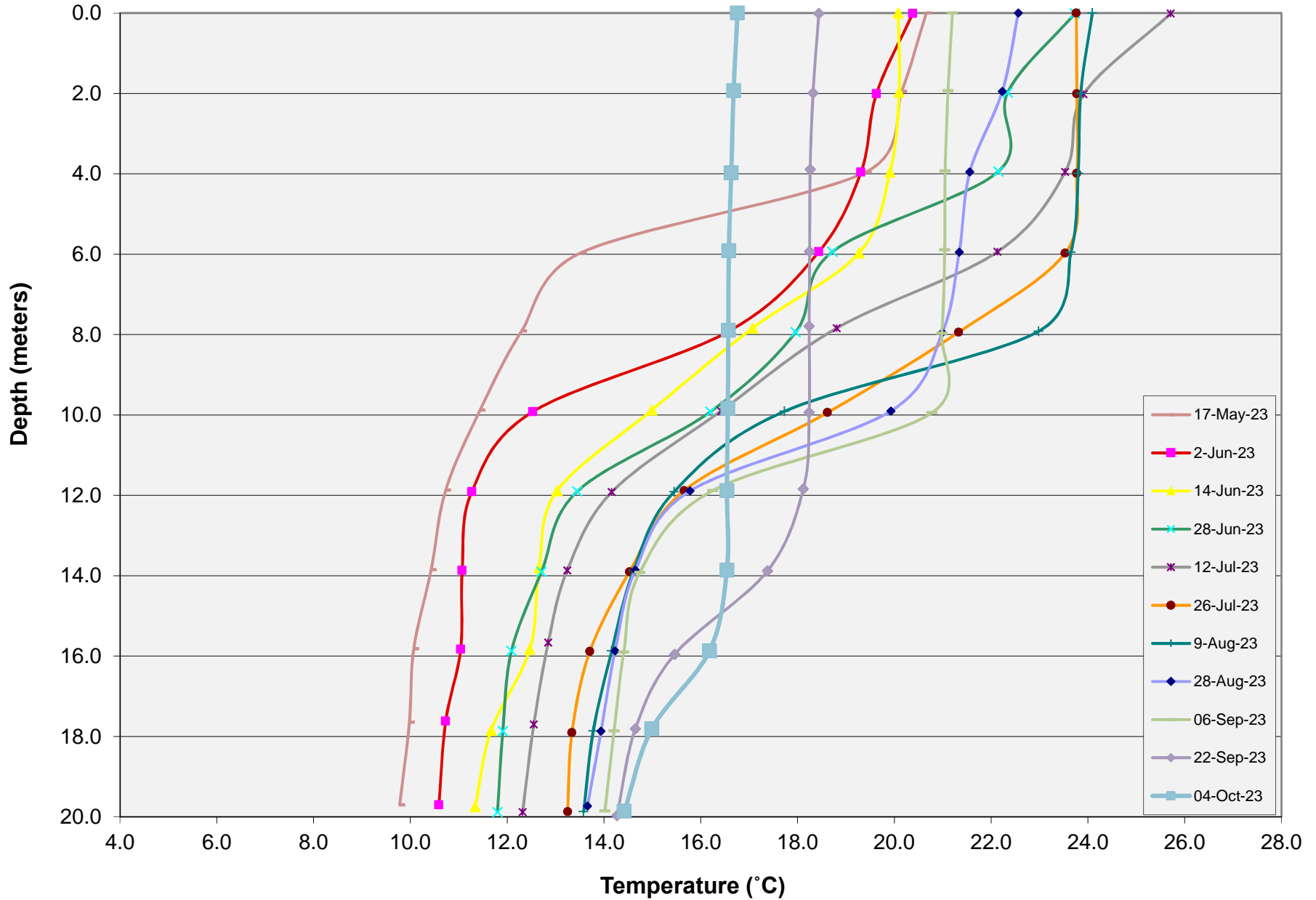
**Temperature (°C)**

17-May-23	2-Jun-23	14-Jun-23	28-Jun-23	12-Jul-23	26-Jul-23	9-Aug-23	28-Aug-23	06-Sep-23	22-Sep-23	4-Oct-23
20.66	20.38	20.08	23.73	25.71	23.76	24.09	22.56	21.20	18.44	16.76
20.15	19.63	20.10	22.34	23.91	23.77	23.85	22.23	21.11	18.32	16.68
19.42	19.31	19.91	22.15	23.53	23.77	23.80	21.56	21.05	18.26	16.63
13.53	18.44	19.27	18.72	22.13	23.53	23.65	21.34	21.04	18.25	16.58
12.30	16.56	17.07	17.96	18.81	21.33	22.98	20.99	20.98	18.24	16.57
11.44	12.53	14.99	16.20	16.42	18.62	17.73	19.93	20.78	18.24	16.56
10.73	11.27	13.03	13.45	14.16	15.66	15.45	15.78	16.25	18.12	16.54
10.43	11.07	12.66	12.71	13.24	14.53	14.61	14.65	14.74	17.38	16.54
10.07	11.04	12.47	12.09	12.85	13.71	14.16	14.23	14.41	15.46	16.18
9.98	10.73	11.67	11.91	12.55	13.34	13.78	13.94	14.21	14.65	14.99
9.78	10.59	11.34	11.80	12.32	13.25	13.58	13.66	14.02	14.27	14.42

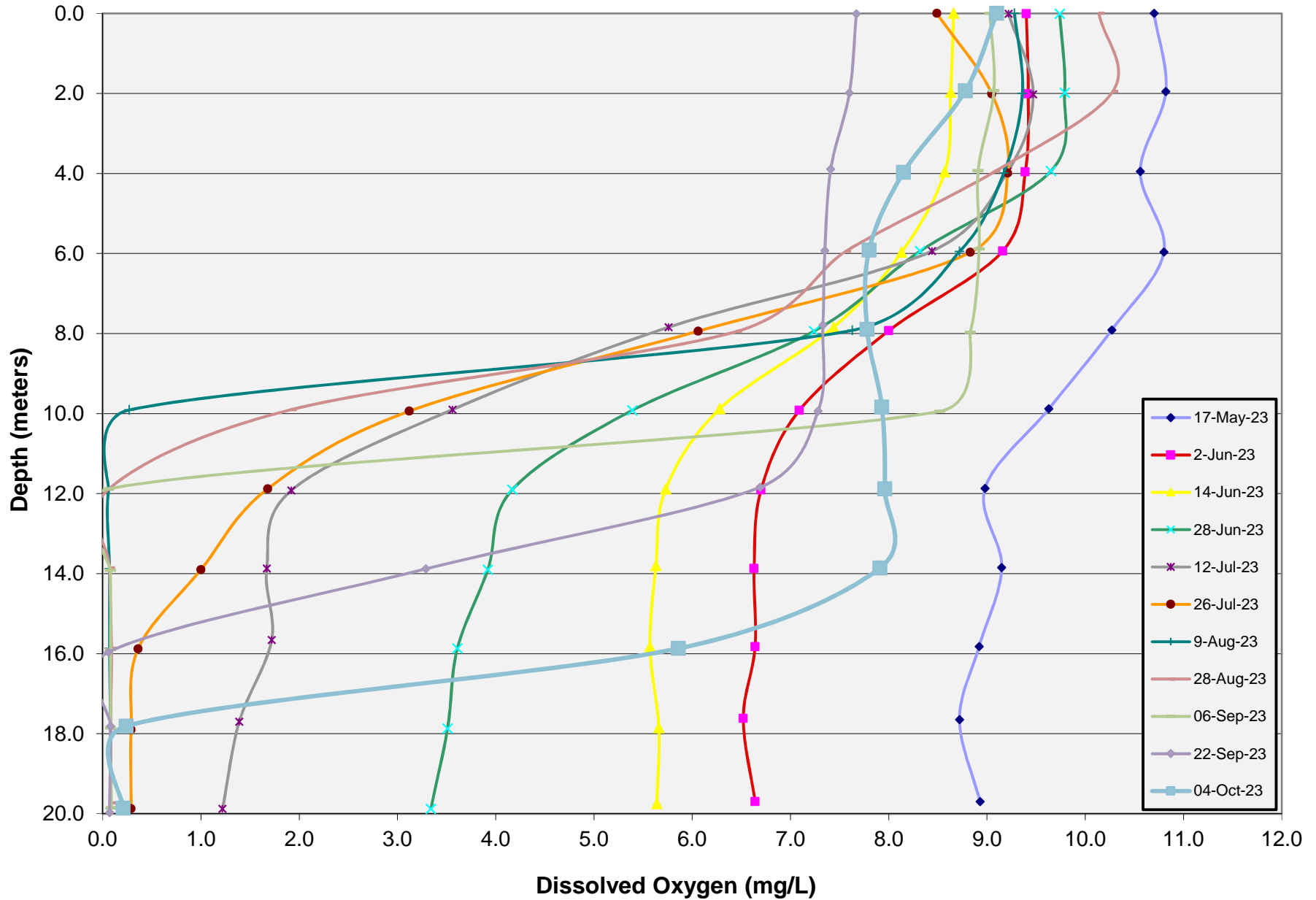
**Dissolved Oxygen (mg/L)**

17-May-23	2-Jun-23	14-Jun-23	28-Jun-23	12-Jul-23	26-Jul-23	9-Aug-23	28-Aug-23	06-Sep-23	22-Sep-23	4-Oct-23
10.70	9.40	8.66	9.74	9.22	8.49	9.28	10.14	9.03	7.67	9.10
10.82	9.42	8.63	9.79	9.47	9.05	9.36	10.28	9.07	7.60	8.78
10.56	9.39	8.57	9.65	9.21	9.21	9.17	9.08	8.91	7.41	8.15
10.80	9.16	8.13	8.32	8.44	8.83	8.72	7.56	8.92	7.35	7.80
10.27	8.00	7.44	7.24	5.76	6.06	7.63	6.45	8.83	7.33	7.78
9.63	7.09	6.28	5.39	3.56	3.12	0.27	1.92	8.52	7.28	7.93
8.98	6.70	5.73	4.17	1.92	1.68	0.06	0.06	0.06	6.69	7.96
9.15	6.63	5.63	3.92	1.67	1.00	0.07	0.07	0.08	3.29	7.91
8.92	6.64	5.57	3.61	1.72	0.36	0.07	0.09	0.08	0.06	5.86
8.72	6.52	5.66	3.51	1.39	0.29	0.08	0.08	0.08	0.08	0.24
8.93	6.64	5.64	3.34	1.22	0.29	0.08	0.08	0.09	0.07	0.21

# Osoyoos Lake (at South Basin) - Temperature Profiles 2023



# Osoyoos Lake (at South Basin) - Oxygen Profiles 2023



DATA COLLECTED BY OLVQS