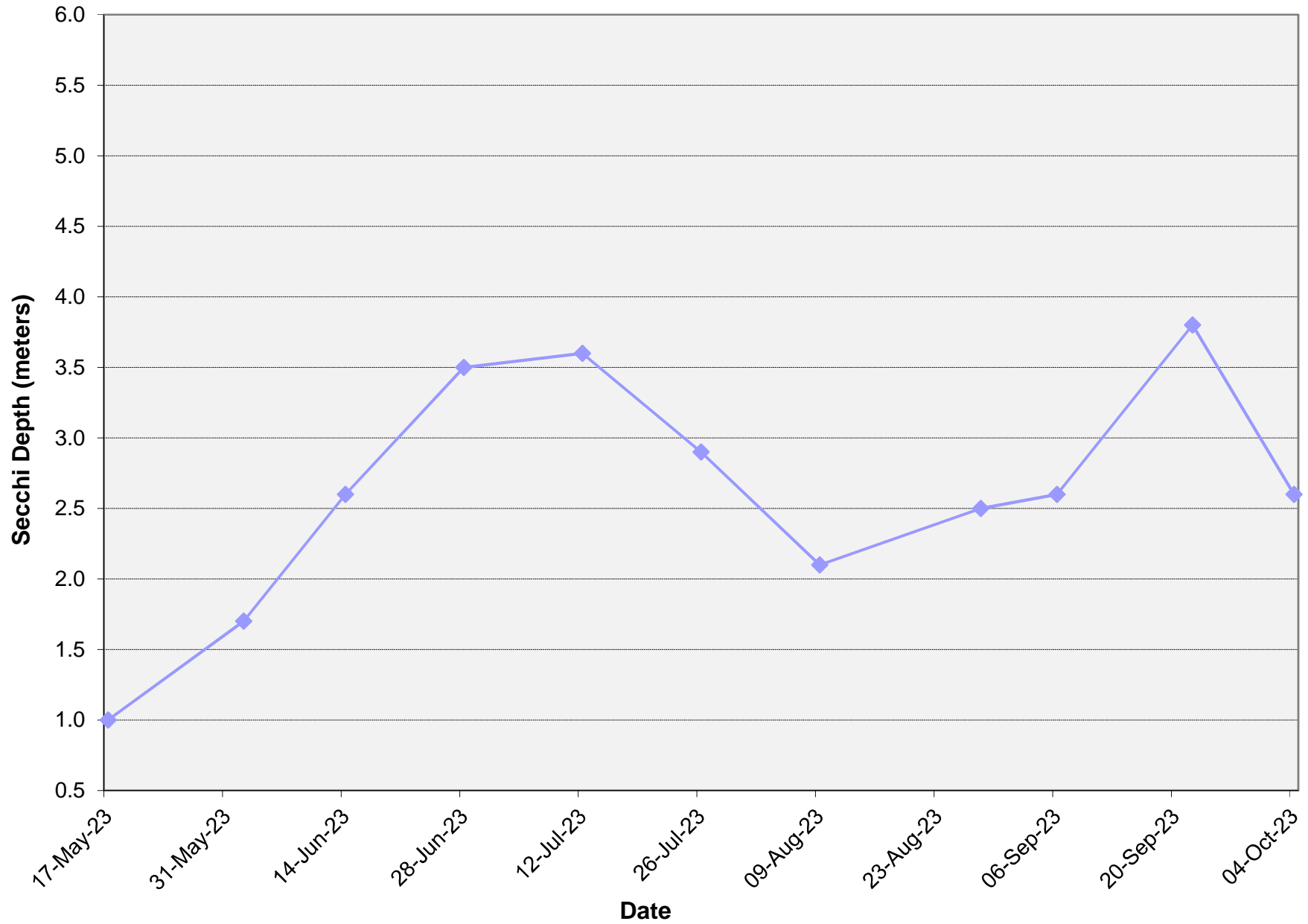


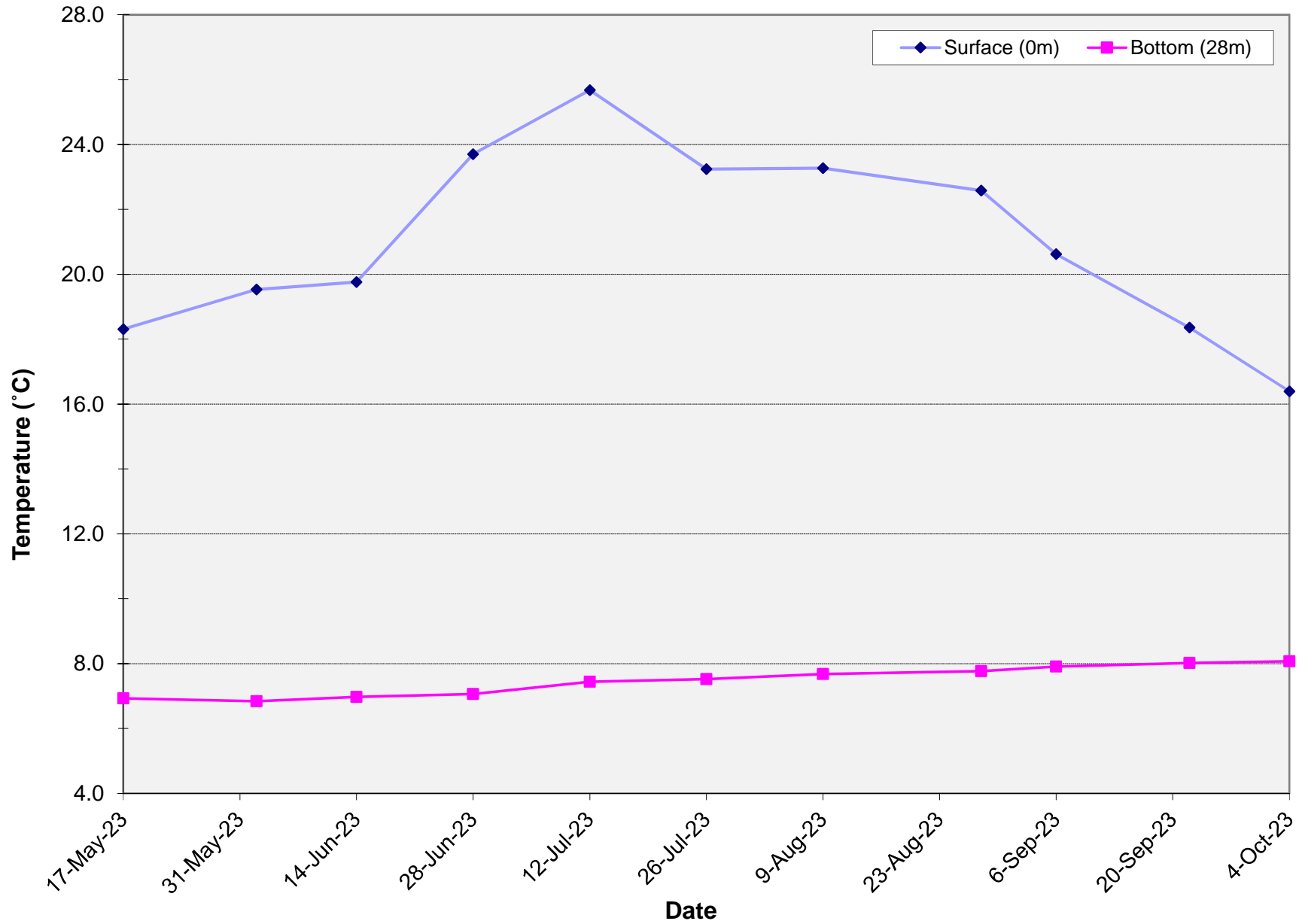
DATA - CENTRAL BASIN - 2023

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 28m)	D.O. SURFACE (mg/l at 0m)	D.O. BOTTOM (mg/l at 28m)	SP. COND. - SURFACE (µS/cm)	SP. COND. - BTM (µS/cm at 28m)	pH SURFACE	pH BOTTOM (28 m)	THERMOCLINE			NOTES
																	DEPTH (meters)	TEMP (°C)	D.O. (ppm)	
17-May-23	10:08 AM	0%	Still	Calm	Flat	23.9	30.0	1.0	18.31	6.93	10.49	7.12	252.75	293.90	8.15	7.41	16.0	11.46	9.75	
2-Jun-23	10:36 AM	0%	S	Low	Ripple	22.9	30.0	1.7	19.53	6.84	9.48	3.79	236.65	300.50	8.25	7.07	16.0	12.56	7.24	
14-Jun-23	10:00 AM	70%	NW	Low	Flat	18.0	30.0	2.6	19.76	6.97	8.99	3.48	245.65	295.10	8.25	7.31	17.0	11.68	5.99	
28-Jun-23	10:18 AM	30%	Still	Calm	Flat	28.0	30.0	3.5	23.70	7.06	9.26	0.52	258.90	303.50	8.52	7.07	16.0	13.41	3.79	
12-Jul-23	11:04 AM	25%	Still	Calm	Flat	27.1	30.0	3.6	25.68	7.44	8.98	0.17	265.90	299.50	8.71	7.20	17.0	12.91	2.08	
26-Jul-23	9:05 AM	1%	Still	Calm	Flat	19.0	29.5	2.9	23.24	7.52	8.59	0.17	269.20	296.70	8.81	7.43	14.0	15.84	0.30	
9-Aug-23	10:15 AM	75%	N	Low	Ripple	26.4	29.7	2.1	23.27	7.68	9.15	0.13	273.75	303.50	8.80	7.30	15.0	15.01	0.08	
28-Aug-23	10:23 AM	See note	N	Low	Ripple	27.9	30.0	2.5	22.58	7.77	9.35	0.13	278.45	307.70	9.00	7.40	14.0	15.75	0.07	Moderate smoke, sunny
06-Sep-23	9:25 AM	10%	Still	Calm	Flat	20.8	30.0	2.6	20.62	7.91	8.73	0.19	278.55	305.80	8.75	7.54	16.0	14.12	0.09	
22-Sep-23	9:45 AM	0%	SW	Calm	Flat	16.0	30.0	3.8	18.36	8.02	8.32	0.14	281.55	310.30	8.69	7.42	16.5	13.61	0.08	
4-Oct-23	9:55 AM		SE	Calm	Flat	15.7	30.0	2.6	16.40	8.07	9.44	0.48	282.65	312.50	8.78	7.50	18.0	12.37	0.09	

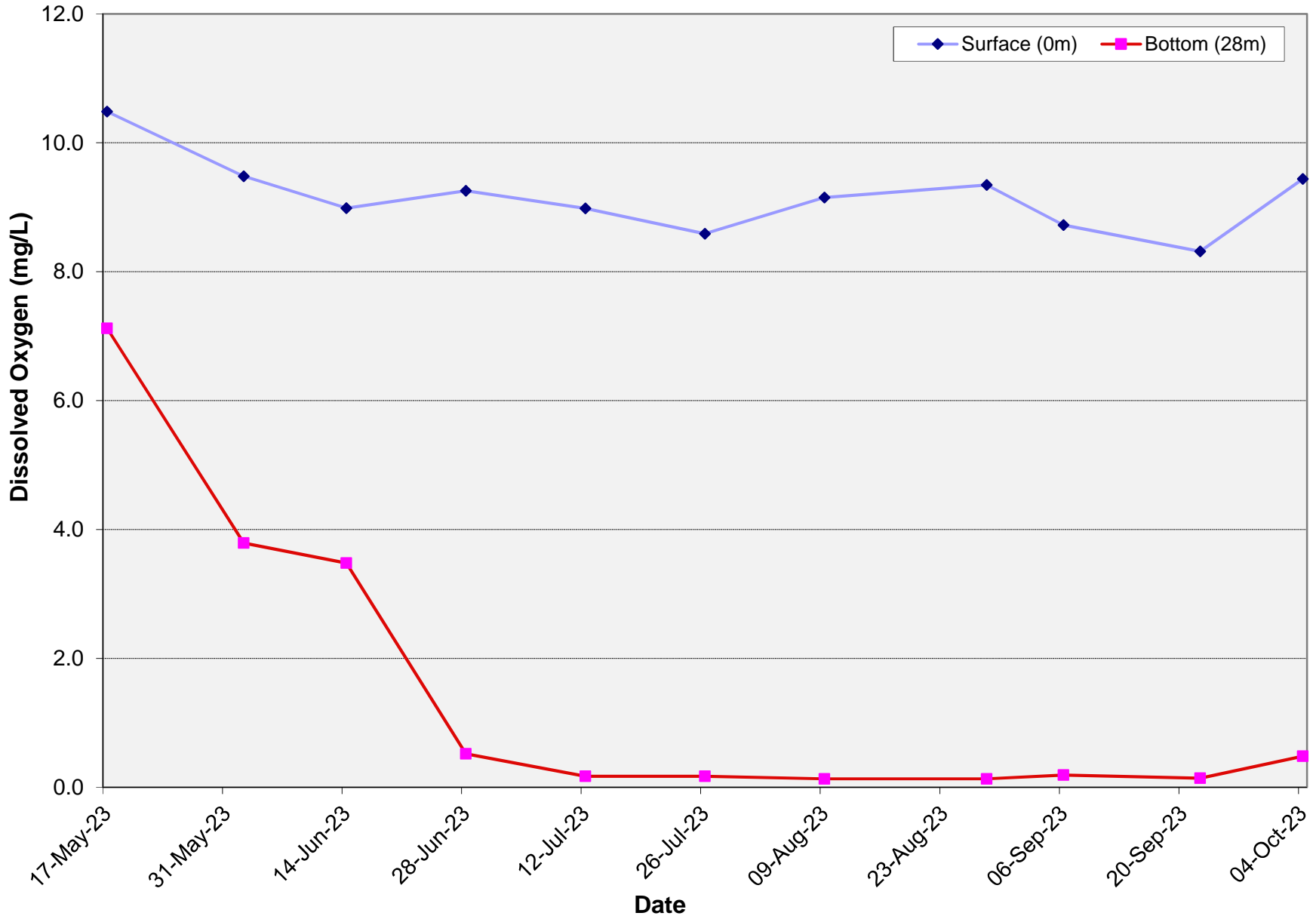
Osoyoos Lake (at Central Basin) - Secchi Depth 2023



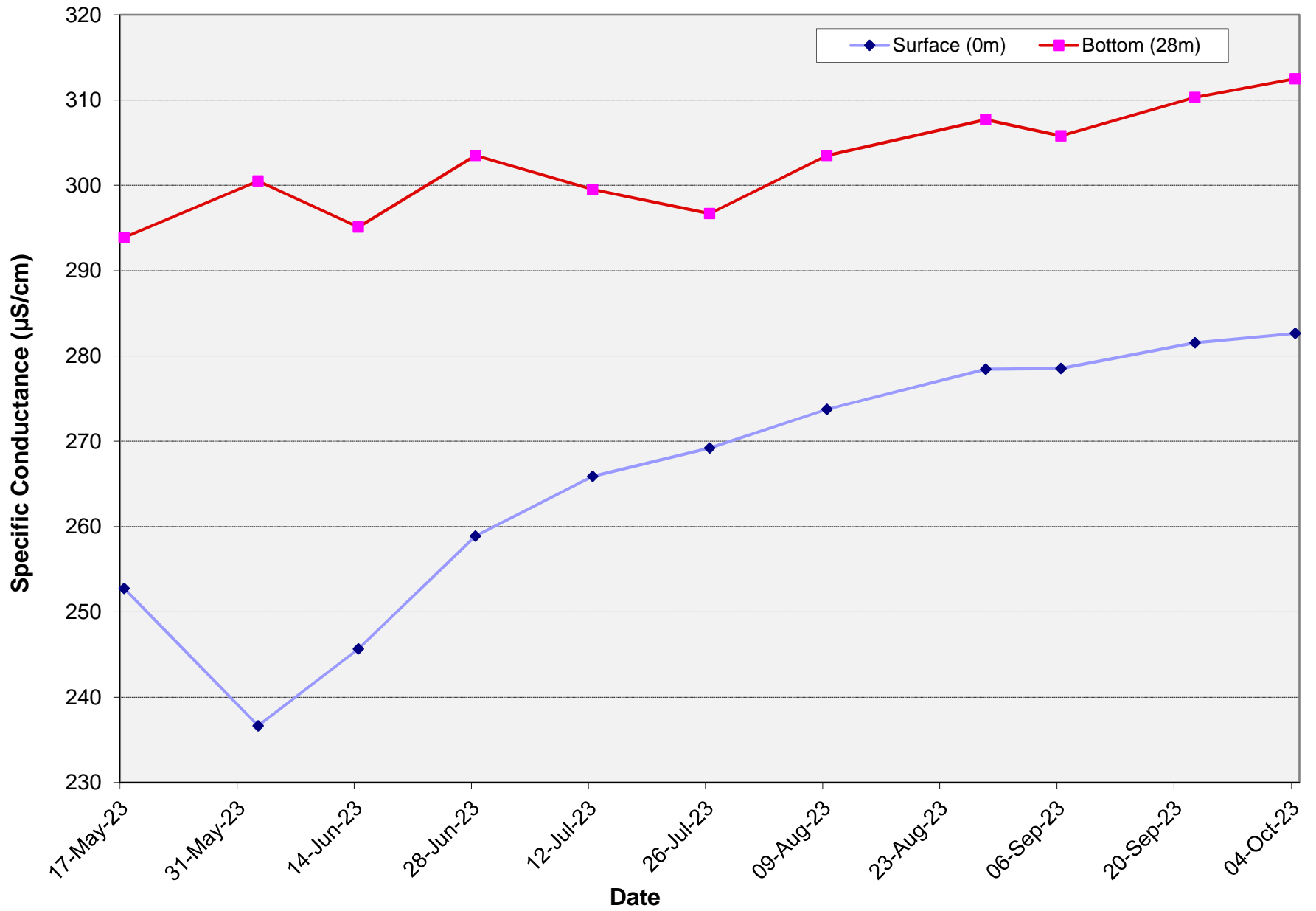
Osoyoos Lake (at Central Basin) - Water Temperature 2023



Osoyoos Lake (at Central Basin) - Dissolved Oxygen Levels 2023



Osoyoos Lake (at Central Basin) - Specific Conductance 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	06-Sep-23	22-Sep-23	04-Oct-23
0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1.98	2.00	2.01	1.95	2.01	2.03	1.98	2.02	1.97	1.95	2.01
3.98	3.98	3.98	3.95	3.97	4.03	3.94	4.00	3.97	3.99	3.99
5.93	5.97	5.99	5.95	5.94	6.00	5.96	5.97	5.98	6.01	5.99
7.91	7.97	7.96	7.98	7.85	7.96	7.93	7.99	7.97	7.96	7.97
9.89	9.97	9.94	9.91	9.87	9.95	9.91	9.84	9.92	9.87	9.94
11.93	11.96	11.96	11.92	11.87	11.95	11.88	11.90	11.86	11.92	11.92
13.82	13.96	13.96	13.90	13.84	13.90	13.90	13.93	13.90	13.97	13.94
15.85	15.93	15.92	15.86	15.82	15.91	15.88	15.91	15.87	15.93	15.89
17.86	17.80	17.82	17.87	17.82	17.91	17.83	17.94	17.88	17.92	17.89
19.58	19.85	19.82	19.74	19.81	19.92	19.83	19.81	19.89	19.92	19.89
21.63	21.87	21.87	21.81	21.44	21.90	21.83	21.53	21.76	21.90	21.83
23.80	23.80	23.89	23.81	23.77	23.89	23.83	23.42	23.85	23.93	23.83
25.84	25.81	25.88	25.87	25.64	25.89	25.85	25.63	25.91	25.87	25.81
27.87	27.80	27.89	27.80	27.75	27.90	27.77	27.67	27.81	27.92	27.95

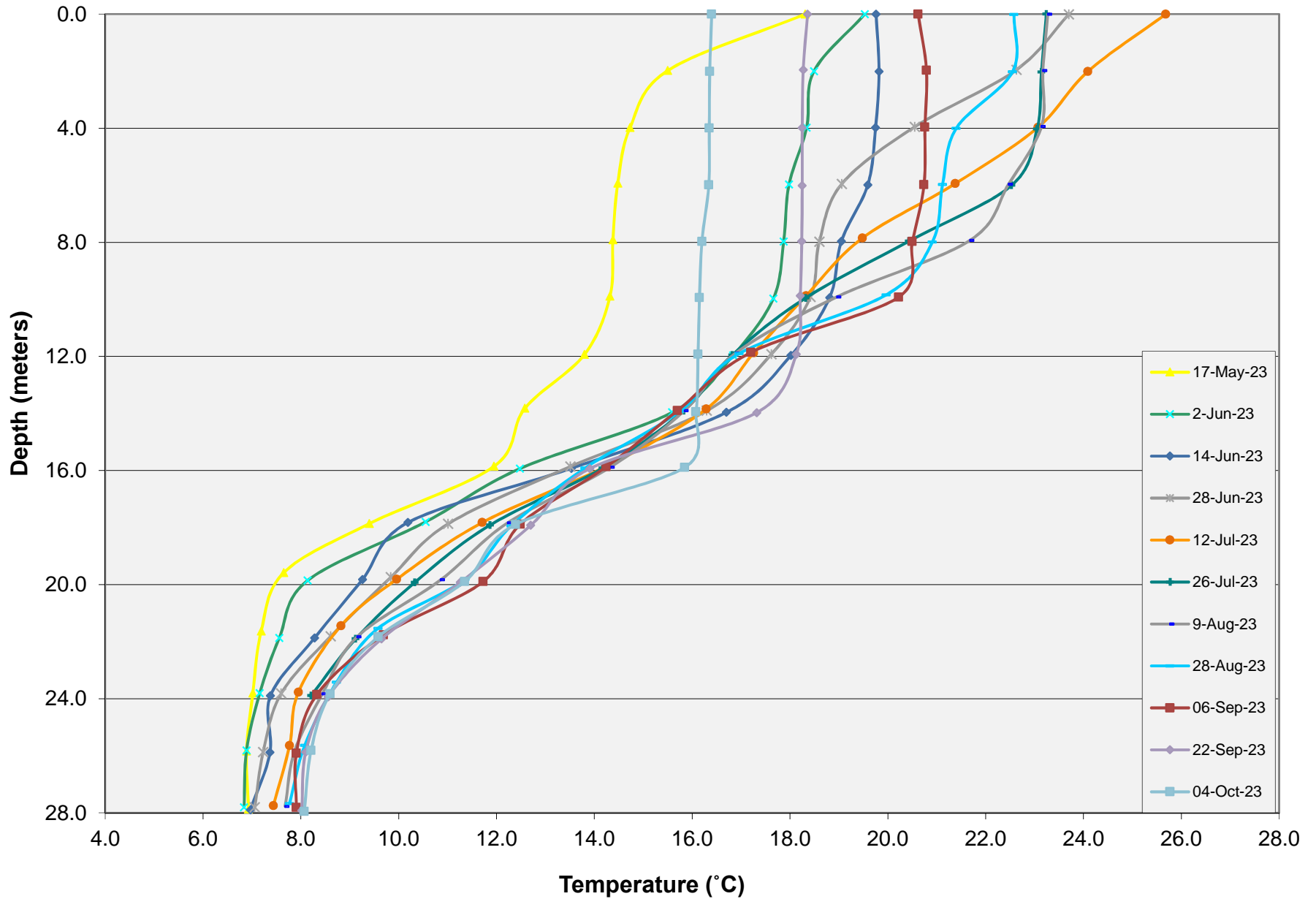
Temperature (°C)

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	04-Oct-23
18.31	19.53	19.76	23.70	25.68	23.24	23.27	22.58	20.62	18.36	16.40
15.50	18.49	19.82	22.63	24.09	23.14	23.17	22.55	20.79	18.27	16.36
14.73	18.34	19.75	20.55	23.07	23.05	23.14	21.40	20.76	18.25	16.35
14.48	17.98	19.59	19.06	21.38	22.53	22.47	21.12	20.74	18.25	16.34
14.38	17.87	19.05	18.60	19.48	20.43	21.68	20.91	20.50	18.24	16.20
14.32	17.66	18.81	18.42	18.33	18.32	18.96	19.97	20.22	18.21	16.15
13.80	16.84	18.02	17.62	17.26	16.82	16.89	16.96	17.20	18.13	16.12
12.58	15.59	16.70	16.30	16.29	15.83	15.84	15.74	15.70	17.32	16.08
11.95	12.48	13.53	13.51	14.28	14.17	14.33	13.81	14.24	13.91	15.85
9.40	10.55	10.19	11.01	11.71	11.87	12.23	12.30	12.49	12.7	12.39
7.65	8.14	9.26	9.84	9.96	10.33	10.86	11.36	11.73	11.26	11.35
7.19	7.56	8.28	8.61	8.82	9.12	9.15	9.58	9.69	9.65	9.58
7.02	7.16	7.38	7.60	7.95	8.21	8.44	8.73	8.33	8.56	8.60
6.89	6.89	7.37	7.23	7.77	7.84	7.87	8.08	7.91	8.1	8.21
6.93	6.84	6.97	7.06	7.44	7.52	7.68	7.77	7.91	8.02	8.07

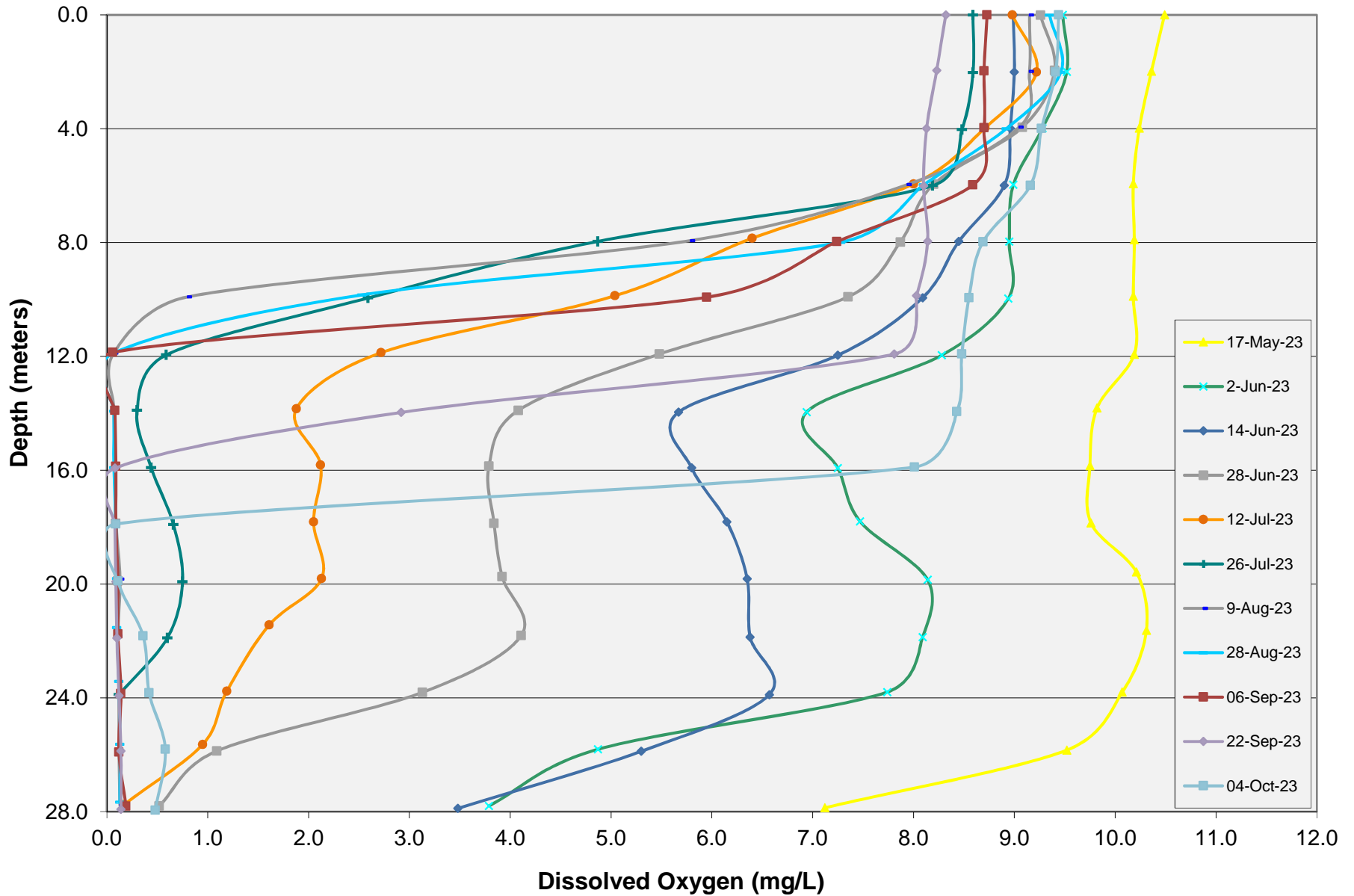
Dissolved Oxygen (mg/L)

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	04-Oct-23
10.49	9.48	8.99	9.26	8.98	8.59	9.15	9.35	8.73	8.32	9.44
10.36	9.52	9.00	9.40	9.22	8.59	9.15	9.46	8.70	8.23	9.41
10.24	9.28	8.96	9.08	8.71	8.48	9.05	8.92	8.70	8.13	9.27
10.18	8.99	8.90	8.20	8.00	8.19	7.94	8.10	8.59	8.10	9.16
10.19	8.95	8.45	7.87	6.40	4.87	5.79	7.28	7.24	8.14	8.69
10.18	8.94	8.09	7.35	5.04	2.59	0.80	2.53	5.95	8.03	8.55
10.19	8.28	7.25	5.48	2.72	0.59	0.07	0.06	0.06	7.81	8.48
9.82	6.94	5.67	4.08	1.88	0.30	0.07	0.07	0.08	2.92	8.43
9.75	7.25	5.80	3.79	2.12	0.44	0.08	0.07	0.09	0.08	8.01
9.76	7.47	6.15	3.84	2.05	0.66	0.09	0.09	0.09	0.08	0.09
10.21	8.14	6.35	3.92	2.13	0.75	0.13	0.10	0.11	0.09	0.11
10.31	8.09	6.38	4.11	1.61	0.60	0.11	0.10	0.11	0.10	0.36
10.07	7.74	6.57	3.13	1.19	0.12	0.12	0.12	0.14	0.12	0.42
9.52	4.87	5.30	1.09	0.95	0.14	0.12	0.13	0.12	0.14	0.58
7.12	3.79	3.48	0.52	0.17	0.17	0.13	0.13	0.19	0.14	0.48

Osoyoos Lake (at Central Basin) - Temperature Profiles 2023



Osoyoos Lake (at Central Basin) - Dissolved Oxygen Profiles 2023



DATA COLLECTED BY OLWQS