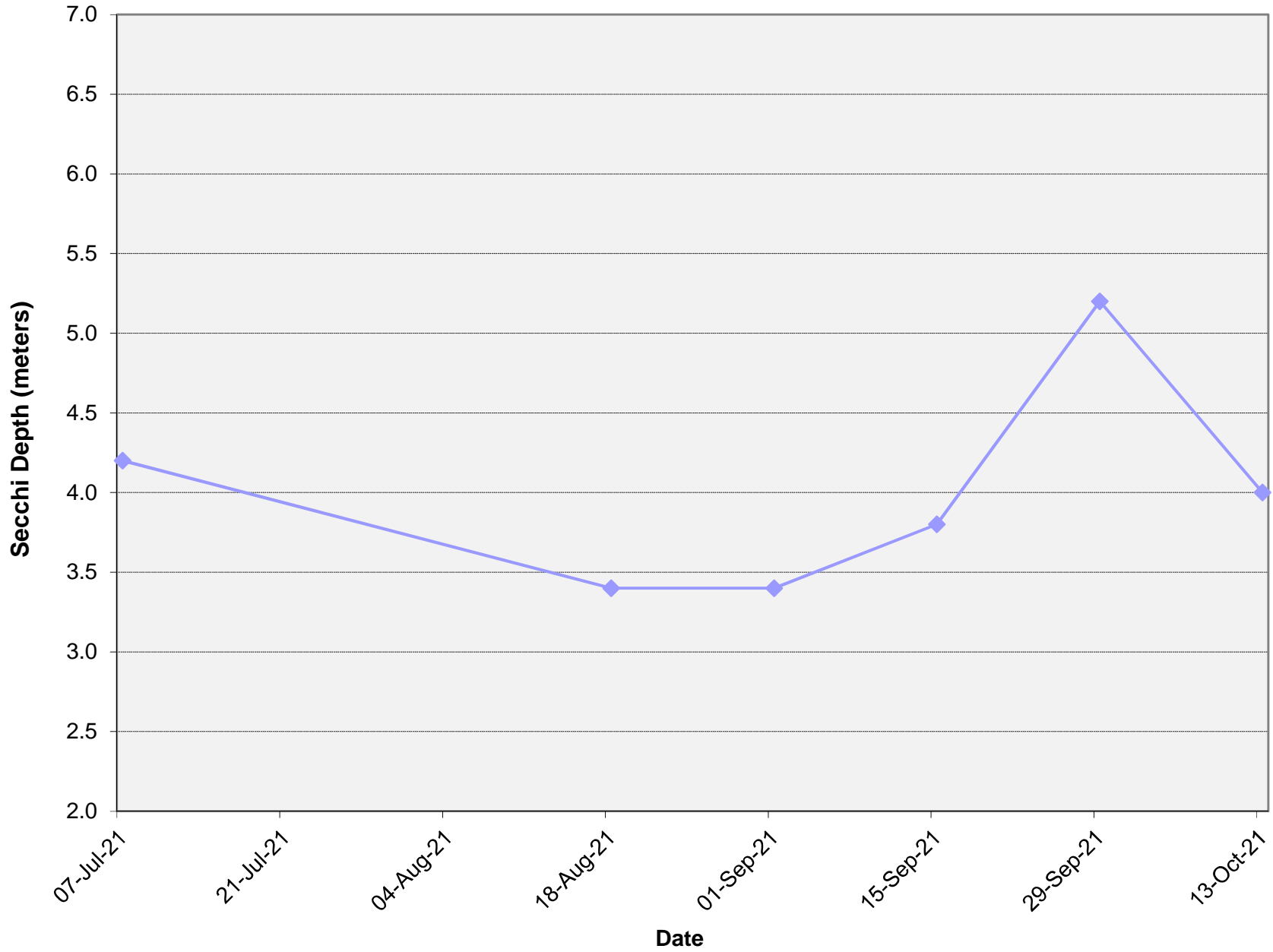


OLWQS 2021 3 WHITE SANDS

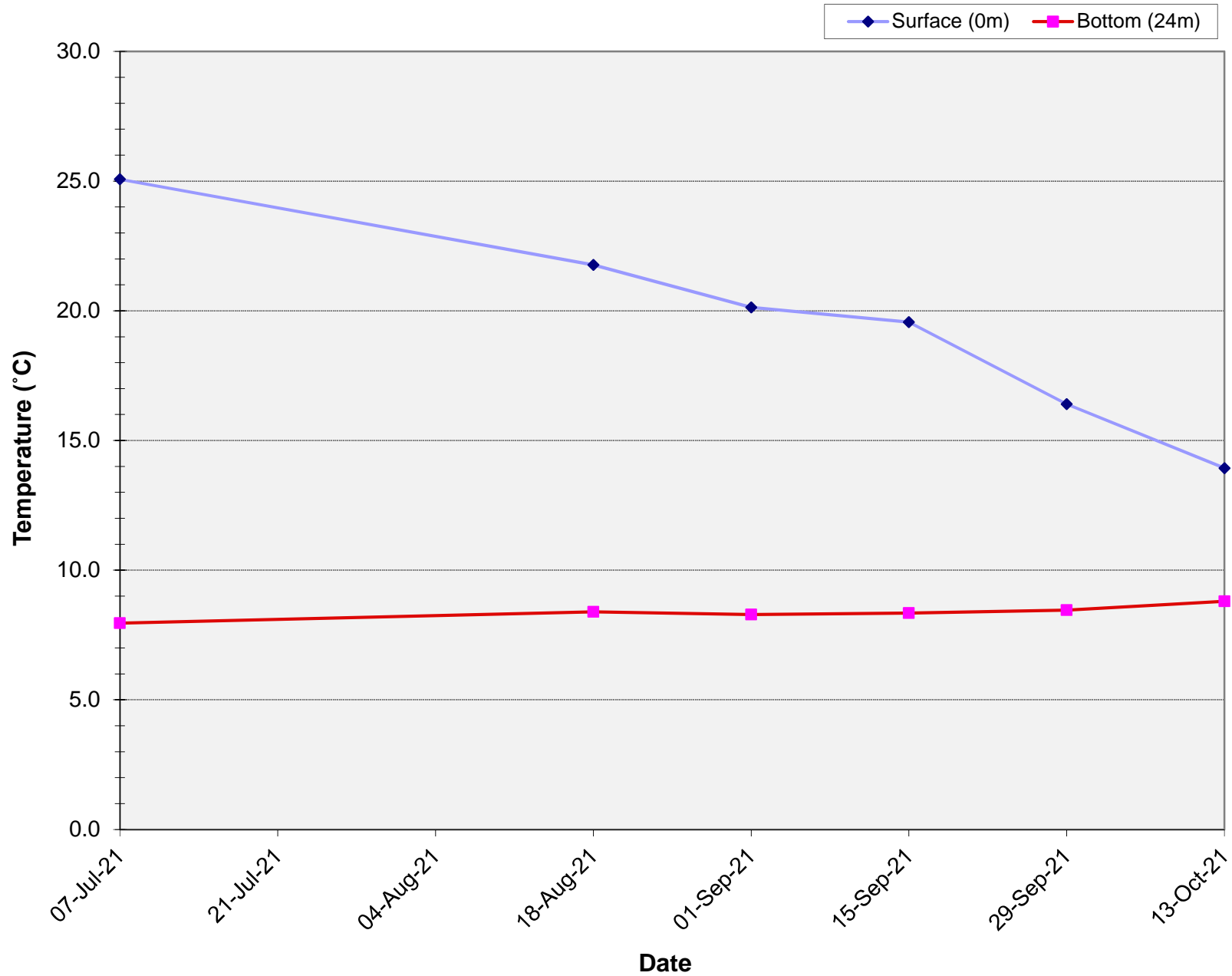
DATA - WHITE SANDS - 2021

DATE	TIME	SKY CONDITION	WIND DIRECTION	WIND STRENGTH	WATER CONDITION	AIR TEMPERATURE (°C)	LAKE DEPTH (meters)	SECCHI DISC (meters)	TEMP, SURFACE (°C at 0m)	TEMP, BOTTOM (°C at 24m)	D.O. SURFACE (mg/l at 0m)	D.O. BOTTOM (mg/l at 24m)	SP. COND. - SURFACE (µS/cm)	SP. COND. - BTM (µS/cm at 24m)	pH SURFACE	pH BOTTOM (24 m)	THERMOCLINE			NOTES	
																	DEPTH (meters)	TEMP (°C)	D.O. (ppm)		
7-Jul-21	9:50 AM	Overcast	SE	Moderate	Small waves	22	27	4.2	25.1	8.0	8.57	7.55	275.4	284.3	8.51	7.22	11.0	16.0	6.9		
18-Aug-21	9:37 AM	Clear	N	Calm	Light ripple	18	28	3.4	21.8	8.4	8.47	5.72	283.4	284.7	8.32	7.34	13.0	14.4	5.0		
1-Sep-21	10:20 AM	Scattered		Calm	Light ripple	16	27	3.4	20.1	8.3	8.83	4.94	284.7	285.0	8.36	7.26	15.0	13.5	4.3		
15-Sep-21	10:00 AM	Scattered	SW	Moderate	Small waves	16	28	3.8	19.6	8.4	8.97	4.36	285.6	283.8	8.60	7.19	16	11.9	3.5		
29-Sep-21	9:47 AM	Scattered	S	Moderate	Small waves	12	27	5.2	16.4	8.5	8.73	3.71	288.1	285.2	8.10	7.10	17	11.6	5.0		
13-Oct-21	11:49 AM	Broken	S	Calm	Calm	8	27	4.0	13.9	8.8	9.34	3.13	288.8	286.7	8.02	7.15	19	11.3	5.4		

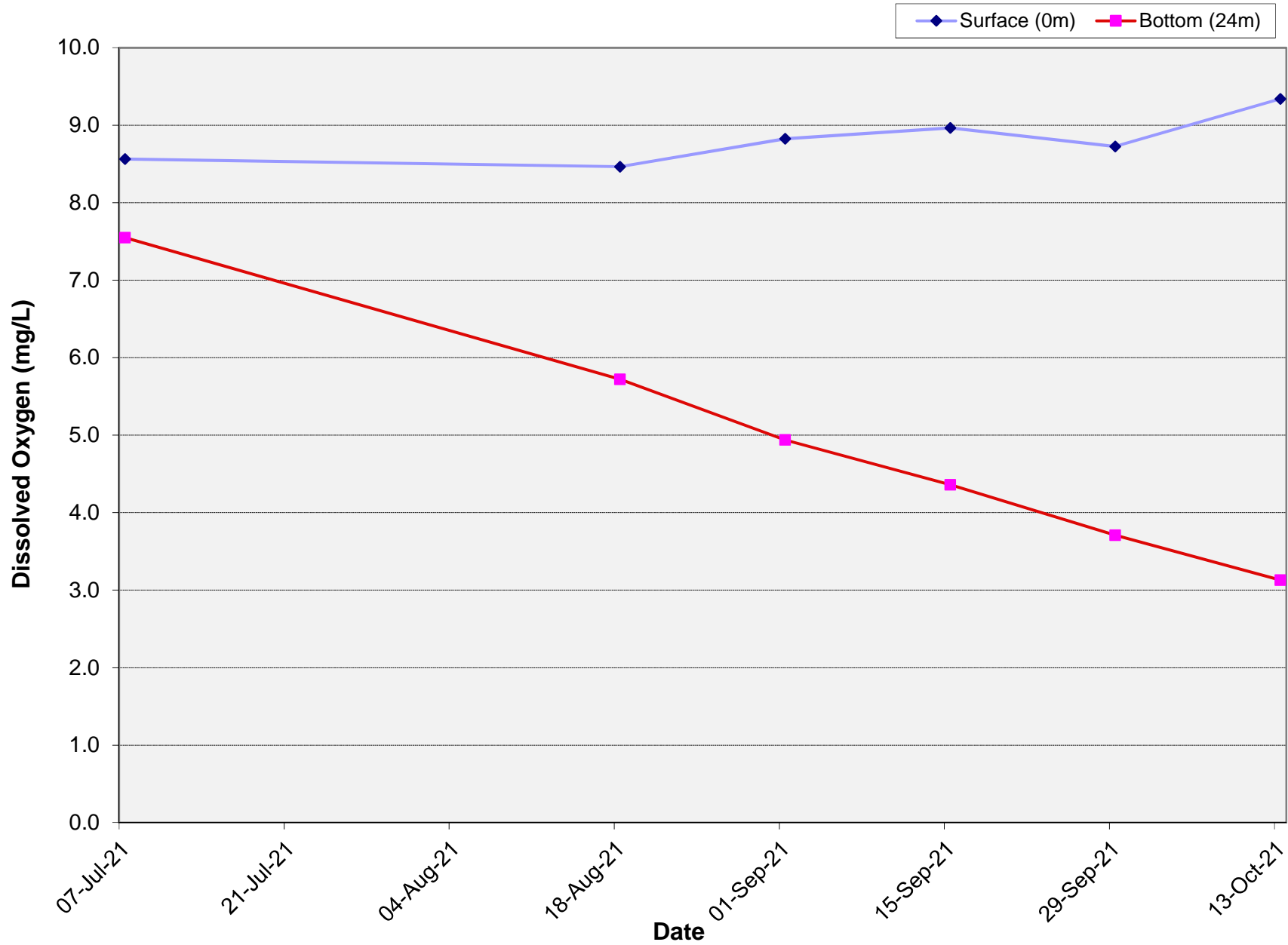
Osoyoos Lake (at White Sands) - Secchi Depth 2021



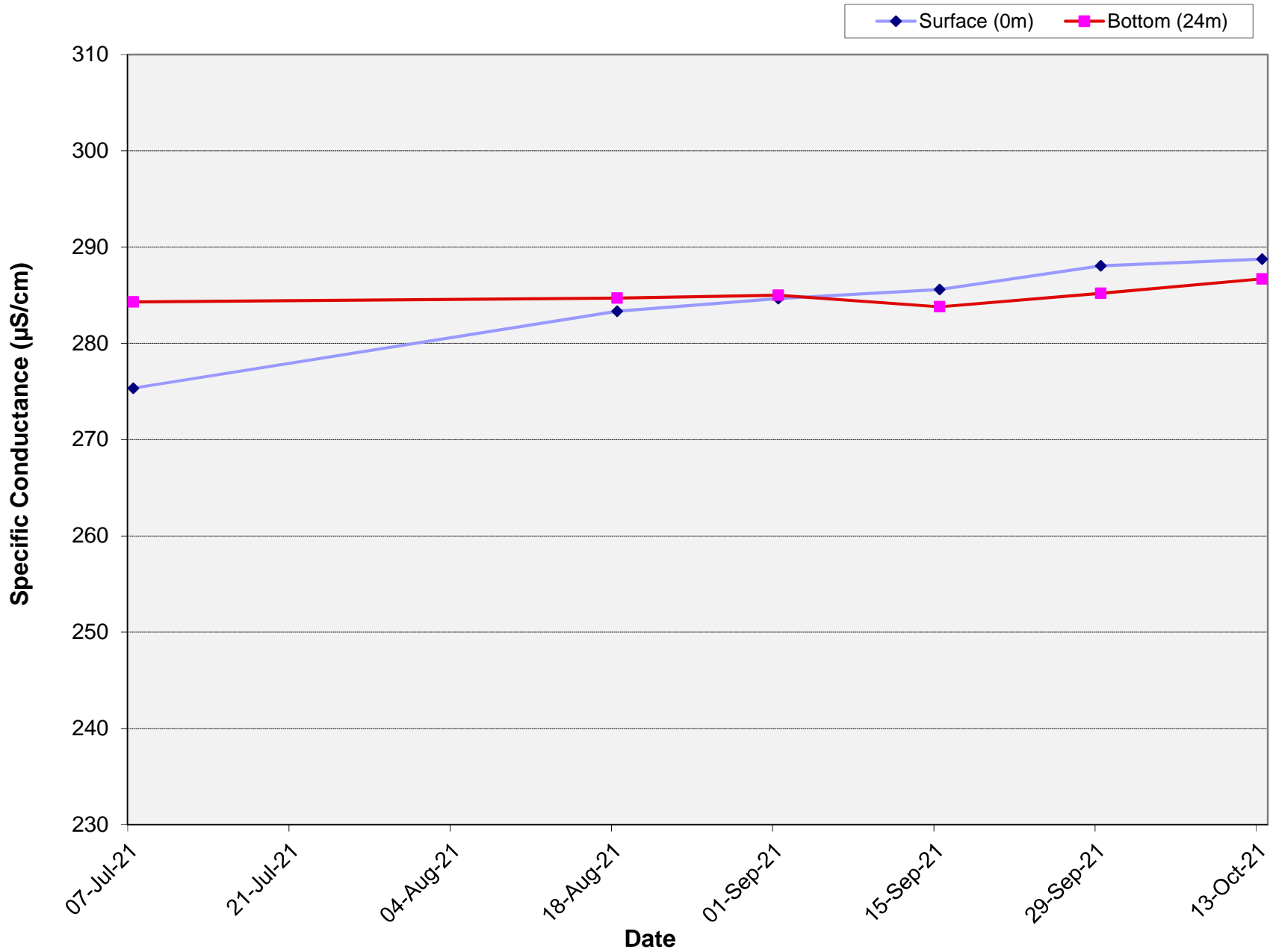
Osoyoos Lake (at White Sands) - Water Temperature 2021



Osoyoos Lake (at White Sands) - Dissolved Oxygen Levels 2021



Osoyoos Lake (at White Sands) - Specific Conductance 2021



OLWQS - WHITE SANDS 2021

DEPTH DATA:

Depth (m)

7-Jul-21	18-Aug-21	1-Sep-21	15-Sep-21	29-Sep-21	13-Oct-21	0-Jan-00
0.00	0.00	0.00	0.00	0.00	0.00	
2.08	2.09	2.04	1.61	2.17	2.18	
3.96	3.90	3.97	3.85	3.95	3.91	
5.75	5.71	5.75	5.19	5.78	5.68	
7.97	7.95	8.01	7.66	7.64	8.05	
9.94	9.92	9.93	9.09	9.98	9.91	
11.95	11.93	11.94	11.01	11.87	11.96	
13.8	13.91	13.90	12.96	13.53	13.91	
15.62	15.94	15.88	15.78	15.45	15.88	
17.85	17.22	17.92	17.9	18.09	17.96	
19.87	19.64	19.92	19.83	19.91	19.96	
21.85	21.49	21.94	21.78	21.79	21.92	
24.04	23.95	23.95	23.66	23.67	23.90	

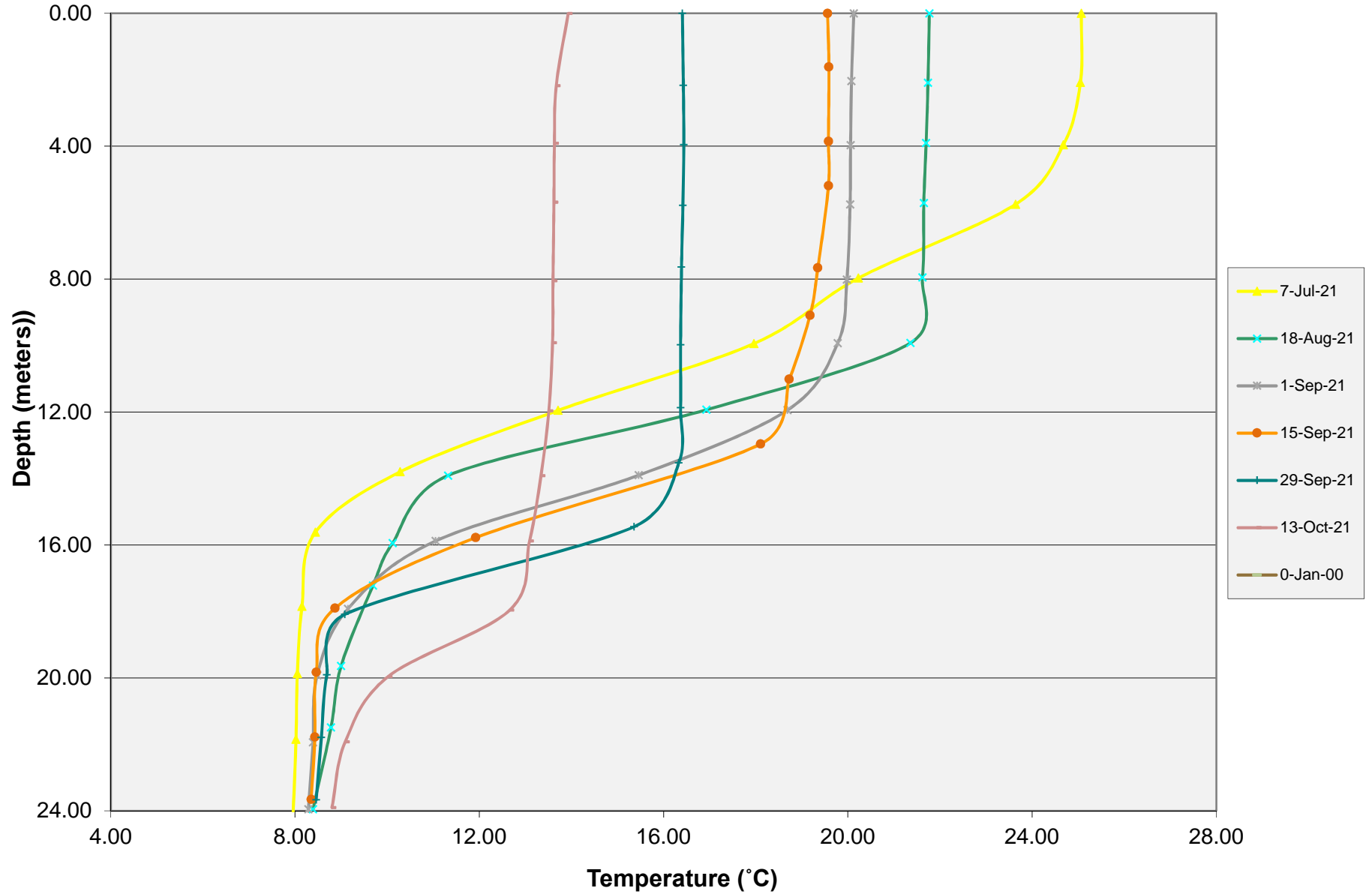
Temperature (°C)

7-Jul-21	18-Aug-21	1-Sep-21	15-Sep-21	29-Sep-21	13-Oct-21	0-Jan-00
25.07	21.77	20.13	19.56	16.41	13.93	
25.05	21.74	20.08	19.59	16.43	13.67	
24.68	21.70	20.06	19.58	16.44	13.63	
23.64	21.65	20.05	19.58	16.42	13.62	
20.23	21.62	19.98	19.35	16.39	13.60	
17.96	21.36	19.78	19.18	16.37	13.59	
13.71	16.93	18.69	18.73	16.37	13.51	
10.28	11.32	15.46	18.11	16.33	13.34	
8.44	10.12	11.05	11.92	15.36	13.09	
8.15	9.69	9.15	8.87	9.08	12.66	
8.05	9.00	8.48	8.46	8.69	10.02	
8.02	8.78	8.39	8.43	8.57	9.09	
7.96	8.39	8.29	8.35	8.46	8.8	

Dissolved Oxygen (mg/L)

7-Jul-21	18-Aug-21	1-Sep-21	15-Sep-21	29-Sep-21	13-Oct-21	0-Jan-00
8.57	8.47	8.83	8.97	8.30	9.34	
8.55	8.46	8.82	8.94	8.70	9.30	
8.48	8.46	8.80	8.92	8.68	9.27	
8.35	8.37	8.76	8.90	8.65	9.22	
7.57	8.39	8.73	8.57	8.52	9.21	
7.13	8.25	8.48	8.21	8.41	9.15	
6.59	5.01	6.97	7.19	8.41	8.97	
7.00	4.93	4.45	6.35	8.16	8.62	
7.51	5.12	4.20	3.47	7.12	8.20	
7.53	5.41	4.29	3.96	3.49	7.17	
7.53	5.52	5.06	4.55	3.58	3.74	
7.49	5.49	5.05	4.38	3.52	3.28	
7.55	5.72	4.94	4.36	3.71	3.13	

Osoyoos Lake (at White Sands) - Temperature Profiles 2021



Osoyoos Lake (at White Sands) - Oxygen Profiles 2021

