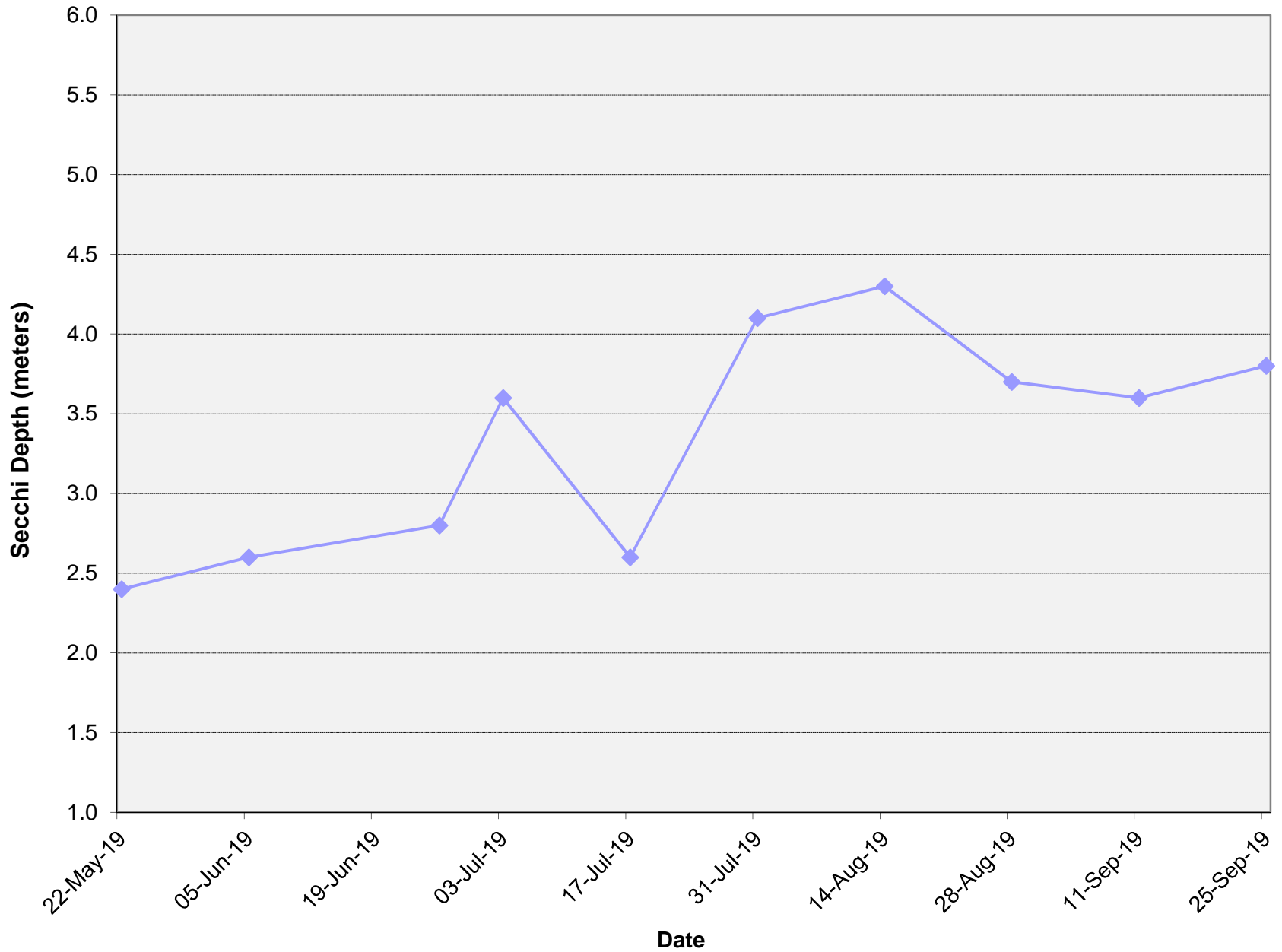


OLWQS 2019 3 WHITE SANDS

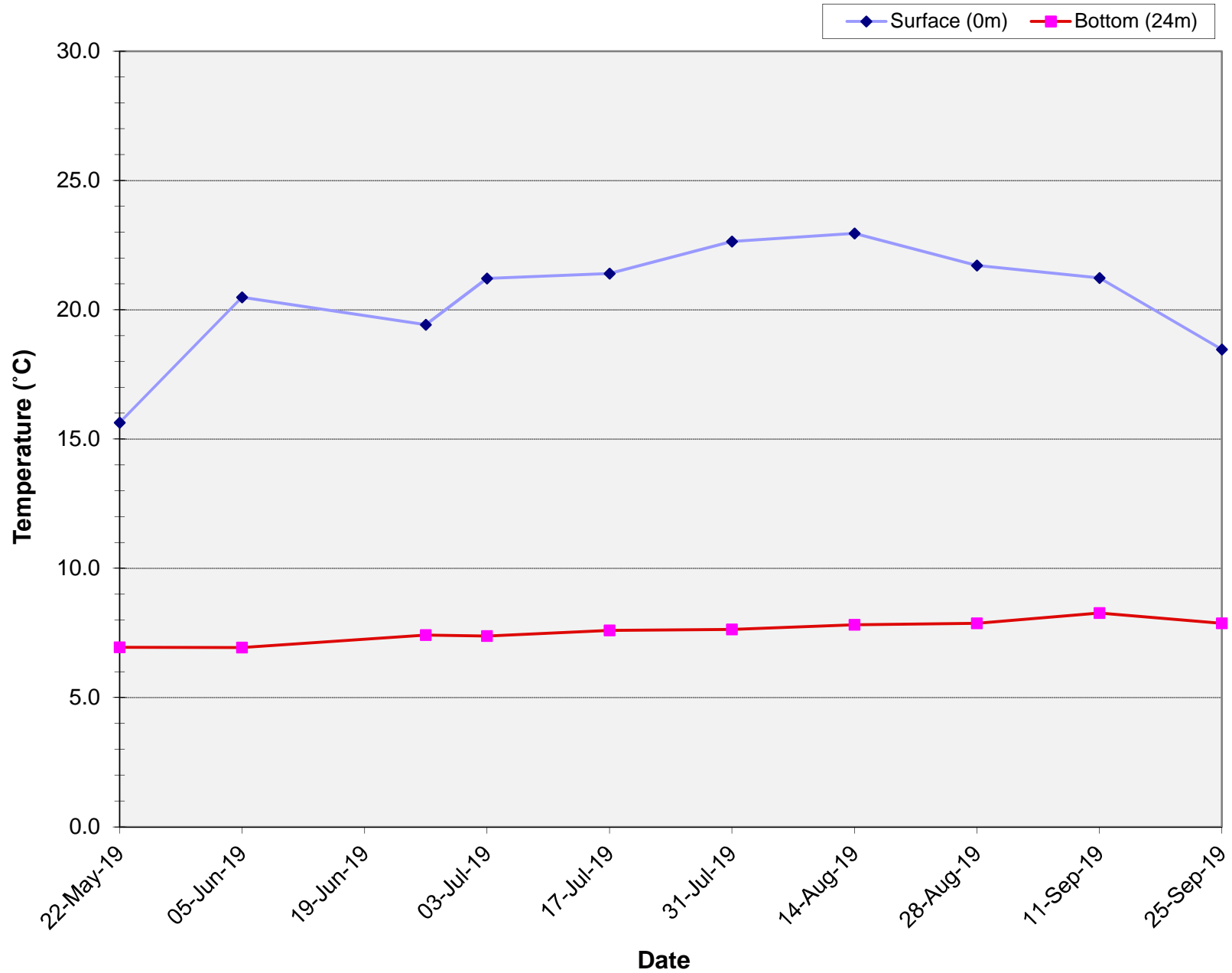
DATA - WHITE SANDS - 2019

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)	
22-May-19	10:40 AM	Broken	N	Light	Light ripple	18	27	2.4	15.6	7.0	10.09	10.02	283.3	293.2	8.59	7.91	11	11.3	10.1	
5-Jun-19	10:27 AM	Overcast	S	Light	Light ripple	19	27	2.6	20.5	6.9	8.96	9.14	280.3	294.6	8.62	7.87	10	12.9	9.0	
26-Jun-19	9:45 AM	Clear	NW	Light	Light ripple	19	27	2.8	19.4	7.4	8.94	7.90	284.5	295.4	8.67	7.57	12	14.3	8.1	
3-Jul-19	10:30 AM	Scattered		Calm	Calm	23	29	3.6	21.2	7.4	9.05	7.80	287.6	295.0	8.69	7.71	12	14.0	7.8	
17-Jul-19	10:50 AM	Broken	S	Moderate	Light ripple	26	27	2.6	21.4	7.6	8.88	7.03	289.7	295.1	8.74	7.53	12	13.3	6.8	
31-Jul-19	10:06 AM	Clear	NW	Light	Light ripple	25	27	4.1	22.6	7.6	8.41	6.50	291.1	292.7	8.57	7.29	12	16.9	6.6	
14-Aug-19	9:42 AM	Clear	N	Calm	Calm	22	27	4.3	23.0	7.8	8.38	5.65	291.9	291.6	8.62	7.27	12	14.8	5.5	
28-Aug-19	9:50 AM	Clear	N	Light	Light ripple	21	27	3.7	21.7	7.9	8.44	4.79	293.6	294.1	8.70	7.33	14	13.2	4.6	
11-Sep-19	9:30 AM	Clear		Calm	Calm	16	29	3.6	21.2	8.3	8.36	4.62	294.2	291.5	8.62	7.30	14	13.0	3.9	
25-Sep-19	10:00 AM	Clear		Calm	Calm	13	29	3.8	18.5	7.9	8.35	3.89	294.5	295.8	8.51	7.27	13	13.6	5.4	

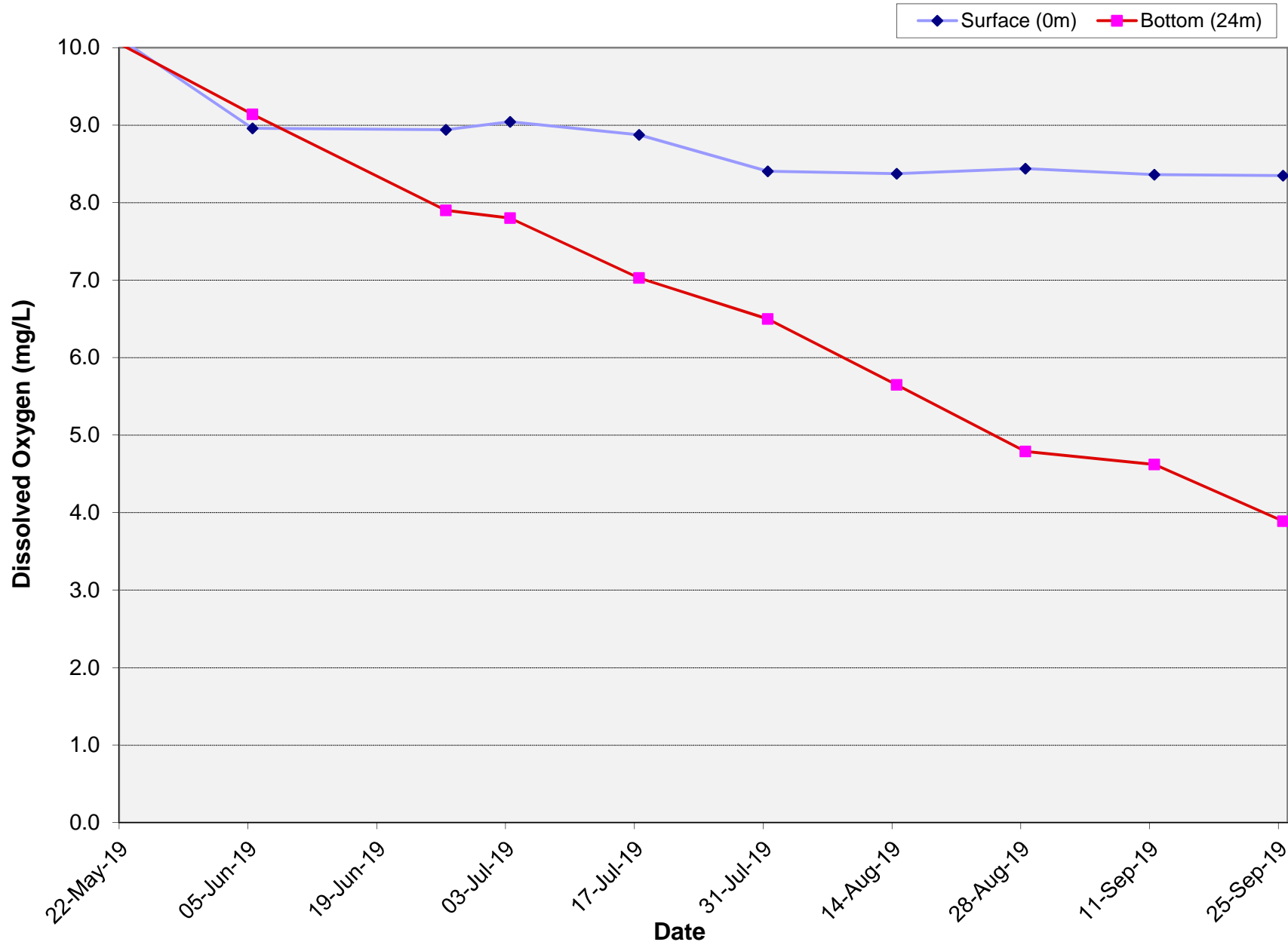
Osoyoos Lake (at White Sands) - Secchi Depth 2019



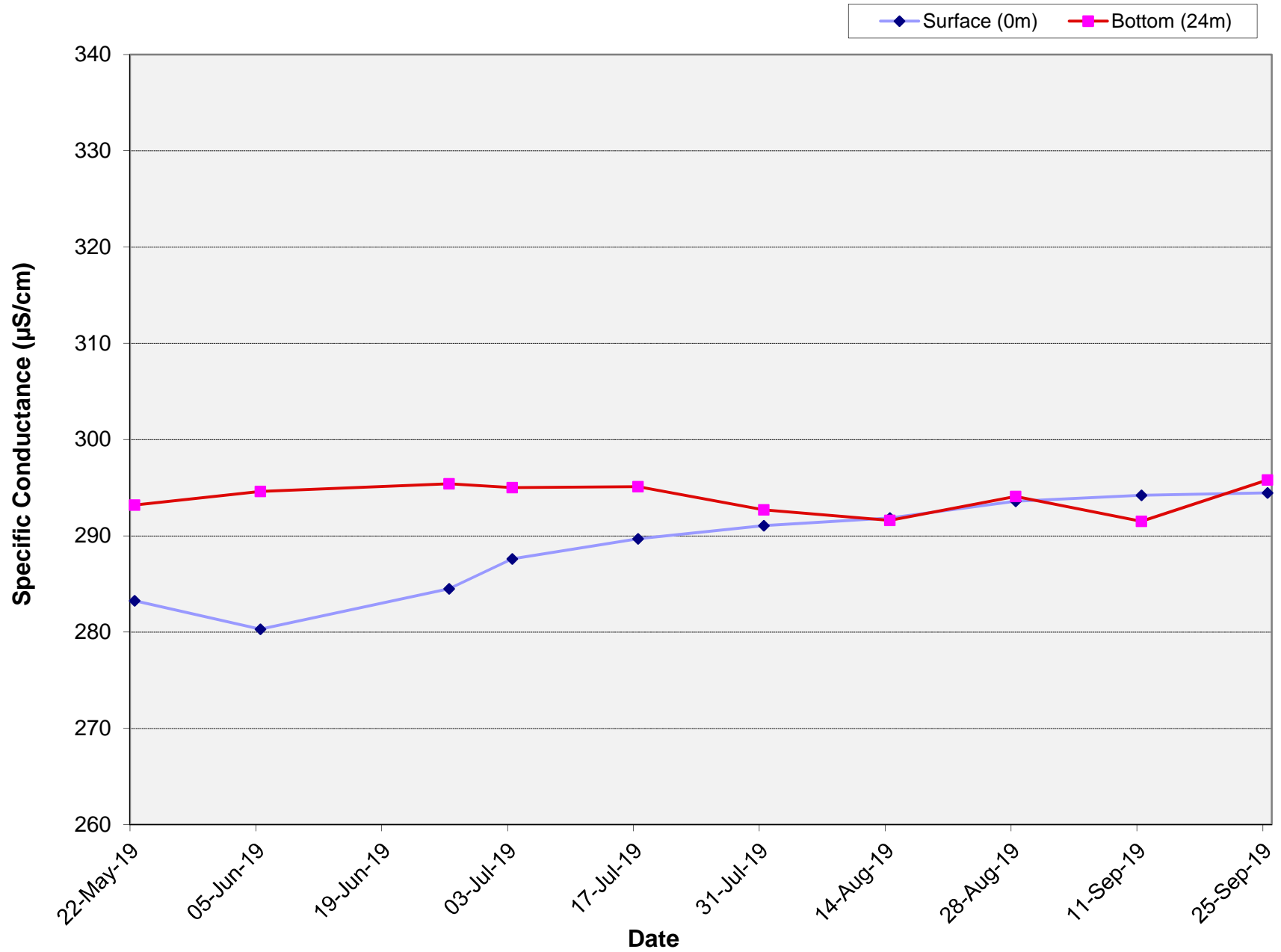
Osoyoos Lake (at White Sands) - Water Temperature 2019



Osoyoos Lake (at White Sands) - Dissolved Oxygen Levels 2019



Osoyoos Lake (at White Sands) - Specific Conductance 2019



OLWQS - WHITE SANDS 2019

DEPTH DATA:

Depth (m)

22-May-19	5-Jun-19	26-Jun-19	3-Jul-19	17-Jul-19	31-Jul-19	14-Aug-19	28-Aug-19	11-Sep-19	25-Sep-19
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.98	1.93	2.00	1.91	1.97	1.95	1.86	2.04	2.00	1.96
3.94	3.90	3.95	3.79	3.86	3.85	3.83	3.95	3.90	3.92
5.97	5.73	5.97	5.81	5.86	5.77	5.71	5.70	5.77	5.73
7.96	7.91	7.94	7.85	7.93	7.76	7.92	7.84	7.95	7.95
9.93	9.93	9.98	9.88	9.84	9.76	9.85	9.75	9.92	9.88
11.87	11.93	11.97	11.87	11.88	11.93	11.93	11.84	11.91	11.95
13.79	13.71	13.98	13.79	13.52	13.87	13.85	13.79	13.93	13.87
15.88	15.90	15.95	15.66	15.65	15.90	15.84	15.90	15.92	15.92
17.87	17.85	17.88	17.91	17.79	17.87	17.80	17.78	17.91	17.93
19.84	19.91	19.91	19.72	19.80	19.96	19.66	19.78	19.95	19.88
21.94	21.91	22.01	21.95	21.92	21.76	21.73	21.81	21.94	21.94
23.91	23.85	23.98	23.88	23.89	24.00	23.82	23.92	23.96	23.94

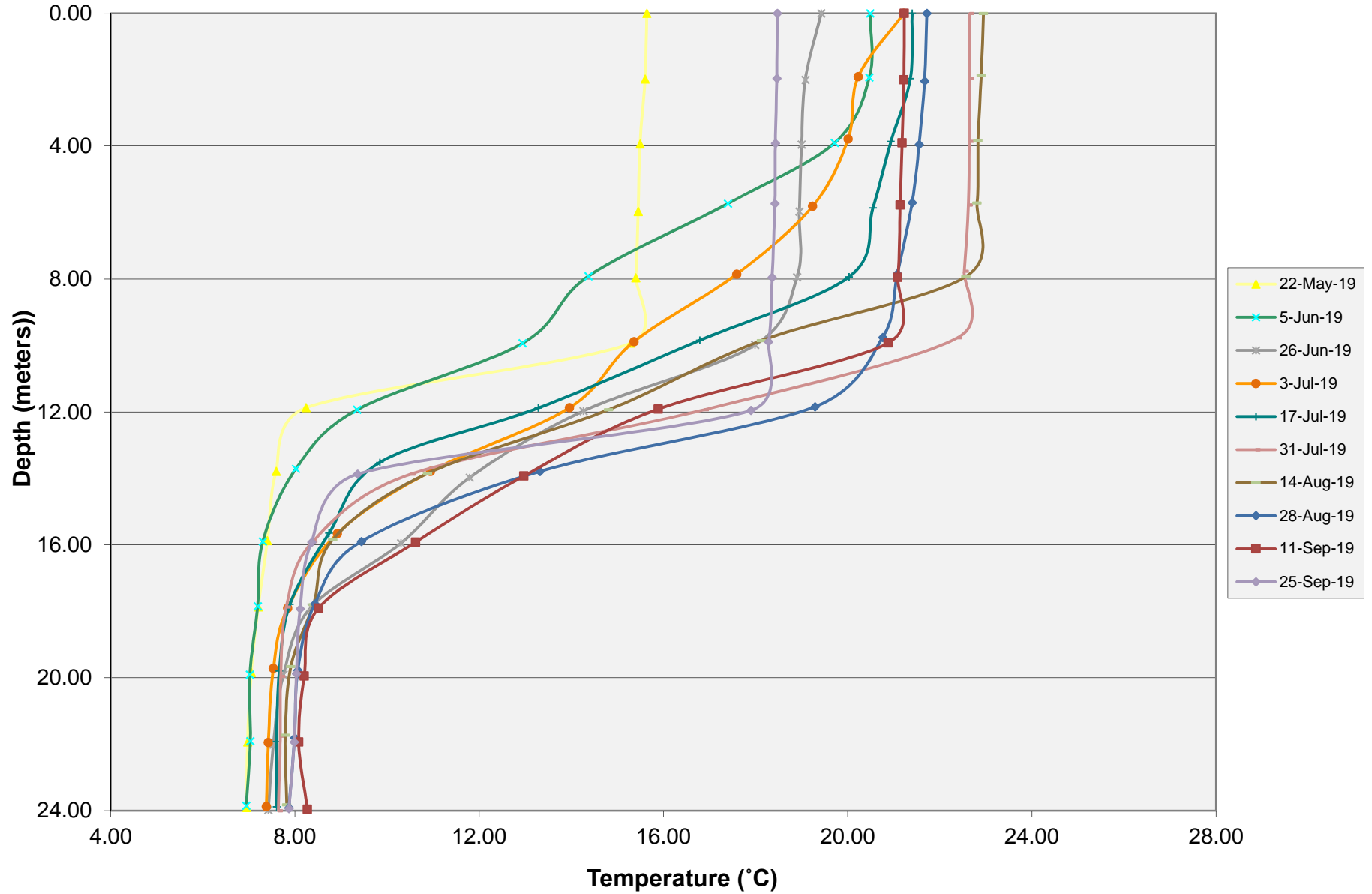
Temperature (°C)

22-May-19	5-Jun-19	26-Jun-19	3-Jul-19	17-Jul-19	31-Jul-19	14-Aug-19	28-Aug-19	11-Sep-19	25-Sep-19
15.64	20.49	19.43	21.22	21.40	22.65	22.95	21.72	21.23	18.47
15.60	20.47	19.08	20.23	21.36	22.65	22.90	21.67	21.22	18.46
15.49	19.72	19.00	20.01	20.94	22.64	22.83	21.55	21.18	18.43
15.45	17.40	18.95	19.24	20.55	22.62	22.81	21.4	21.14	18.42
15.40	14.37	18.90	17.59	20.03	22.53	22.57	21.08	21.09	18.36
15.29	12.94	17.99	15.36	16.79	22.39	18.13	20.76	20.88	18.28
8.24	9.35	14.26	13.96	13.28	16.89	14.81	19.29	15.89	17.90
7.59	8.02	11.79	10.94	9.84	10.52	10.88	13.32	12.97	9.36
7.40	7.30	10.30	8.92	8.74	8.39	8.82	9.44	10.62	8.36
7.20	7.19	8.35	7.84	7.89	7.81	8.40	8.43	8.51	8.11
7.05	7.02	7.75	7.53	7.66	7.69	7.91	8.06	8.20	8.03
6.97	7.03	7.53	7.42	7.60	7.68	7.79	7.99	8.08	7.98
6.95	6.94	7.42	7.38	7.60	7.64	7.82	7.87	8.27	7.87

Dissolved Oxygen (mg/L)

22-May-19	5-Jun-19	26-Jun-19	3-Jul-19	17-Jul-19	31-Jul-19	14-Aug-19	28-Aug-19	11-Sep-19	25-Sep-19
10.09	8.96	8.94	9.05	8.88	8.41	8.35	8.44	8.36	8.32
10.06	8.91	9.03	9.17	8.85	8.35	8.38	8.43	8.34	8.32
10.04	9.00	8.99	9.14	8.65	8.35	8.34	8.32	8.34	8.28
9.95	9.16	8.95	8.92	8.39	8.36	8.31	8.06	8.29	8.25
9.93	9.08	8.80	8.48	8.09	8.22	7.99	7.75	8.16	8.20
9.70	8.96	8.51	8.03	7.03	8.58	5.94	7.15	7.68	8.06
9.87	8.87	8.06	7.84	6.75	6.59	5.53	5.77	4.23	7.21
9.89	9.03	7.97	7.59	6.93	5.89	5.37	4.57	3.89	3.67
9.95	9.14	7.91	7.68	7.02	6.29	5.51	4.64	4.14	3.63
9.95	9.14	7.83	7.81	7.17	6.55	5.56	5.05	4.47	3.95
9.97	9.12	7.87	7.74	7.13	6.57	5.58	5.01	4.42	3.78
9.98	9.10	7.90	7.74	7.01	6.52	5.78	4.70	4.61	3.94
10.02	9.14	7.90	7.80	7.03	6.50	5.65	4.79	4.62	3.89

Osoyoos Lake (at White Sands) - Temperature Profiles 2019



Osoyoos Lake (at White Sands) - Oxygen Profiles 2019

