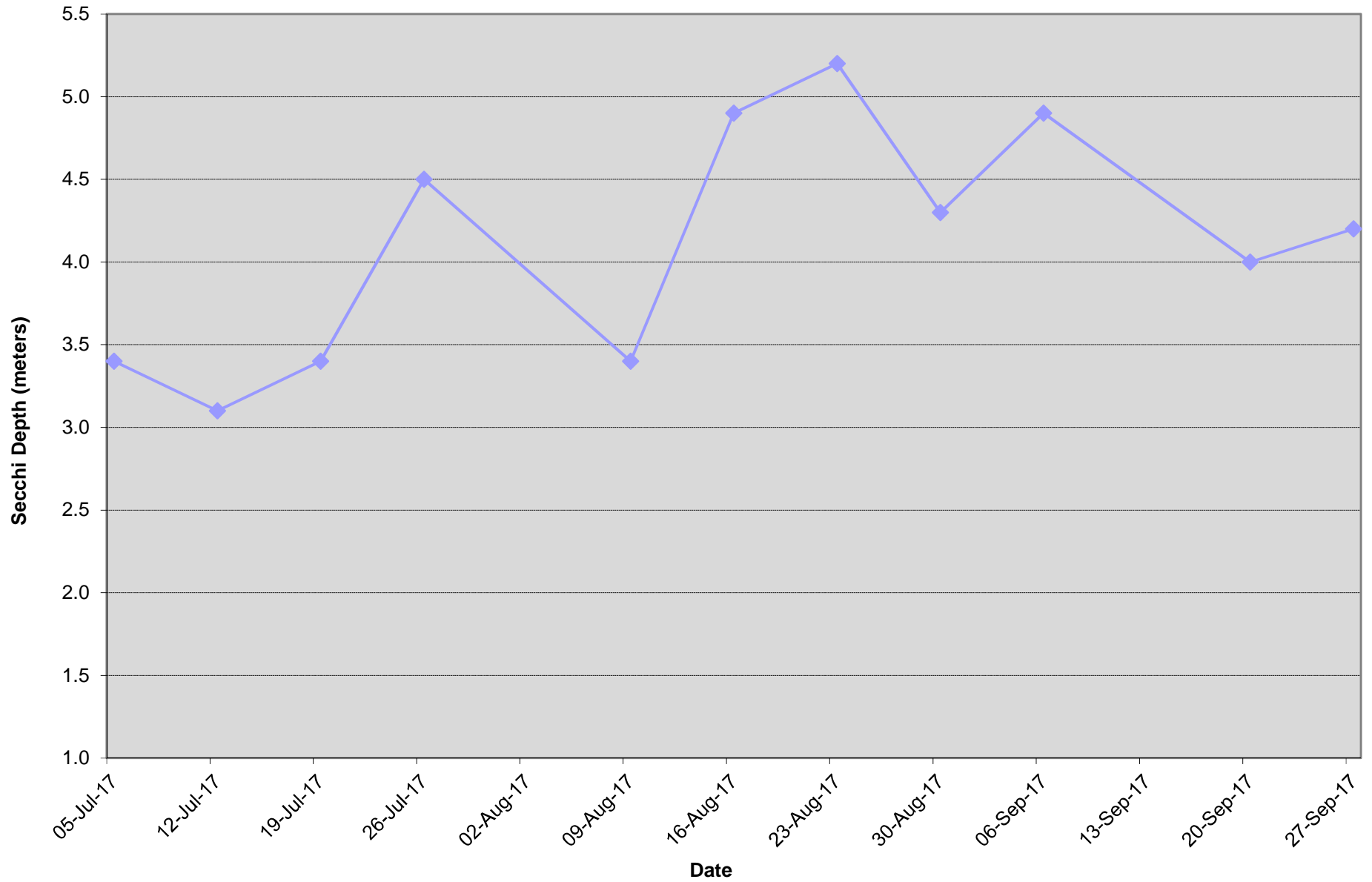


OLWQS - NORTH END 2017

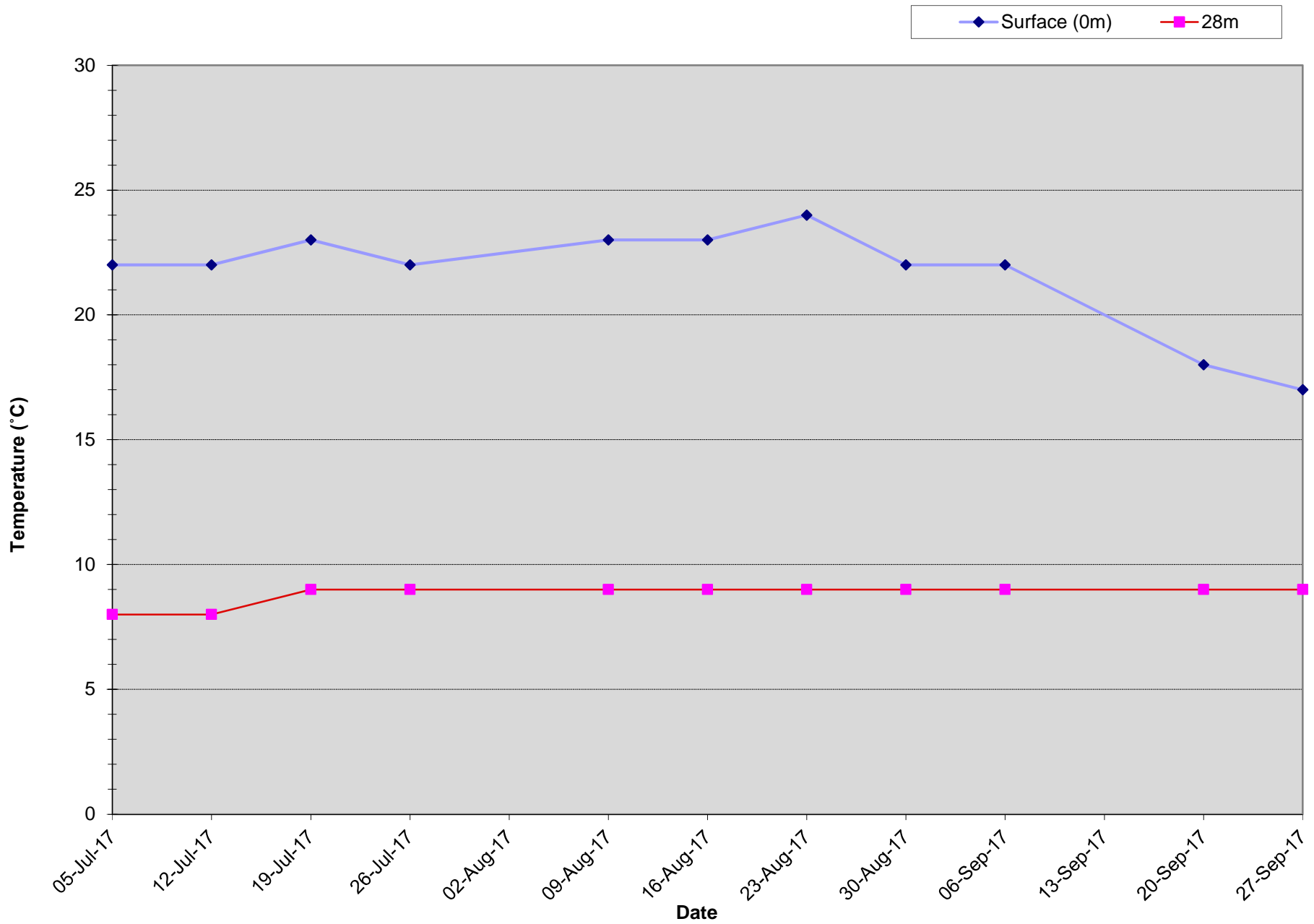
**DATA - NORTH END - 2017**

DATE	TIME	SKY CONDITION	WIND DIRECTION	WIND STRENGTH	WATER CONDITION	AIR TEMPERATURE (°C)	LAKE DEPTH (meters)	SECCHI DISC (meters)	TEMP, TOP (°C at 0m)	TEMP, BOTTOM (°C at 28m)	D.O. TOP (mg/l at 0m)	D.O. BOTTOM (mg/l at 28m)	SPEC. COND. - TOP (µS/cm)	SPEC. COND. - BTM (µS/cm)	pH TOP	pH BOTTOM (18 meters)	THERMOCLINE			NOTES	
																	DEPTH (meters)	TEMP (°C)	D.O. (ppm)		
05-Jul-17	11:52 AM	Clear	-	Calm	Calm	31	37	3.4	22	8	8.1	7.2	270	282	8.53	7.91					
12-Jul-17	11:20 AM	Clear	SE	Light	Calm	28	37	3.1	22	8	7.5	6.9	280.6	297	7.96	7.95					
19-Jul-17	10:35 AM	Clear	NW	Light	Light Ripple	27	37	3.4	23	9	8.5	7.4	283	289	8.60	7.89					
26-Jul-17		Clear	-	Calm	Calm	26	37	4.5	22	9	7.4	6.1	286	288	8.33	7.92					
02-Aug-17																				Wind picking up, testing stopped after central	
09-Aug-17		Clear	N	Light	Small waves	24	37	3.4	23	9	7.7	5.8	288	290	8.23	7.55					Smoke.
16-Aug-17	11:20 AM	Clear	-	Light	Light Ripple	27	37	4.9	23	9	8.0	5.2	292	290	8.56	8.12					
23-Aug-17	10:50 AM	Clear	-	Calm	Calm	28	37	5.2	24	9	8.1	5.2	296	291	8.39	7.75					
30-Aug-17	11:15 AM	Overcast	-	Calm	Calm	23	37	4.3	22	9	7.5	3.9	298	292	8.16	8.10					
06-Sep-17	10:40 AM	Clear	-	Calm	Calm	22	37	4.9	22	9	7.8	4.0	298	293	7.86	7.86					Smokey
13-Sep-17																					Testing canceled, high NW wind & white caps.
20-Sep-17	11:30 AM	Clear	-	Calm	Calm	16	37	4.0	18	9	7.8	3.4	299	294							pH meter not working
27-Sep-17	10:54 AM	Clear	W	Moderate	Small waves	18	37	4.2	17	9	8.3	3.1	300	294	8.73	8.64					

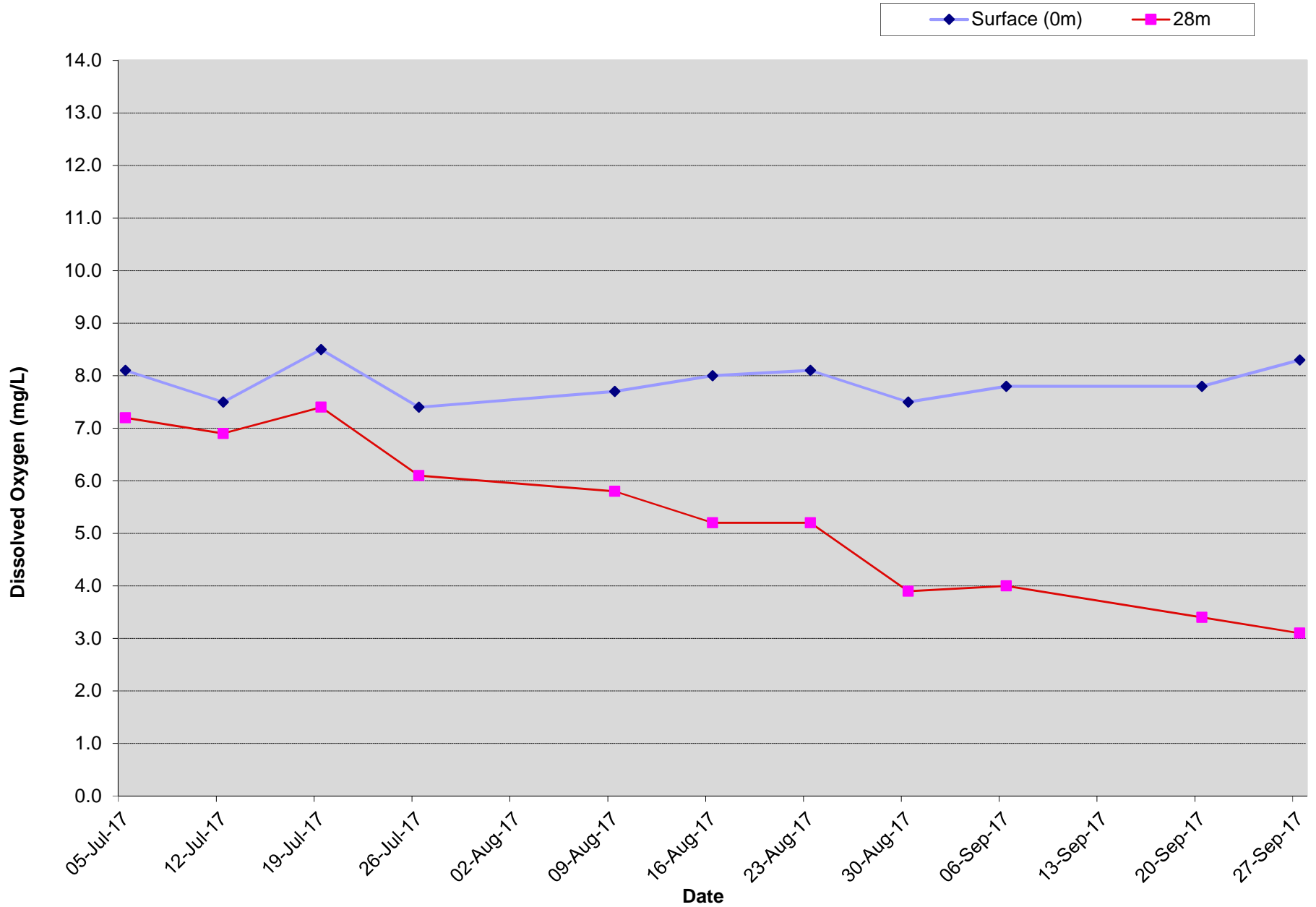
### Osoyoos Lake (at North End) - Secchi Depth 2017



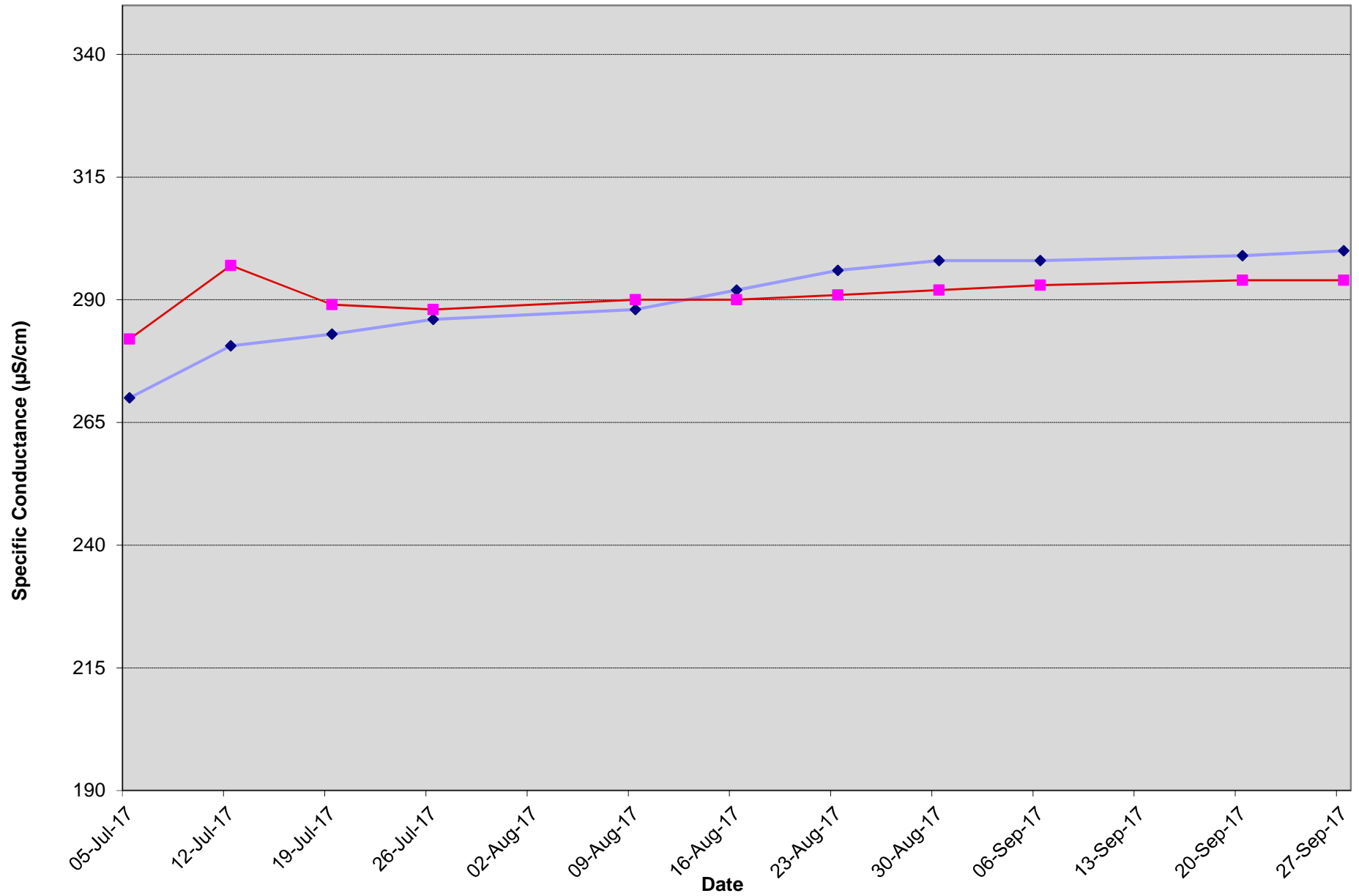
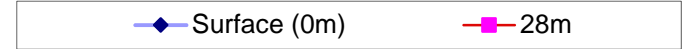
### Osoyoos Lake (at North End) - Water Temperature 2017



### Osoyoos Lake (at North End) - Dissolved Oxygen Levels 2017



Osoyoos Lake (at North End) - Specific Conductance 2017

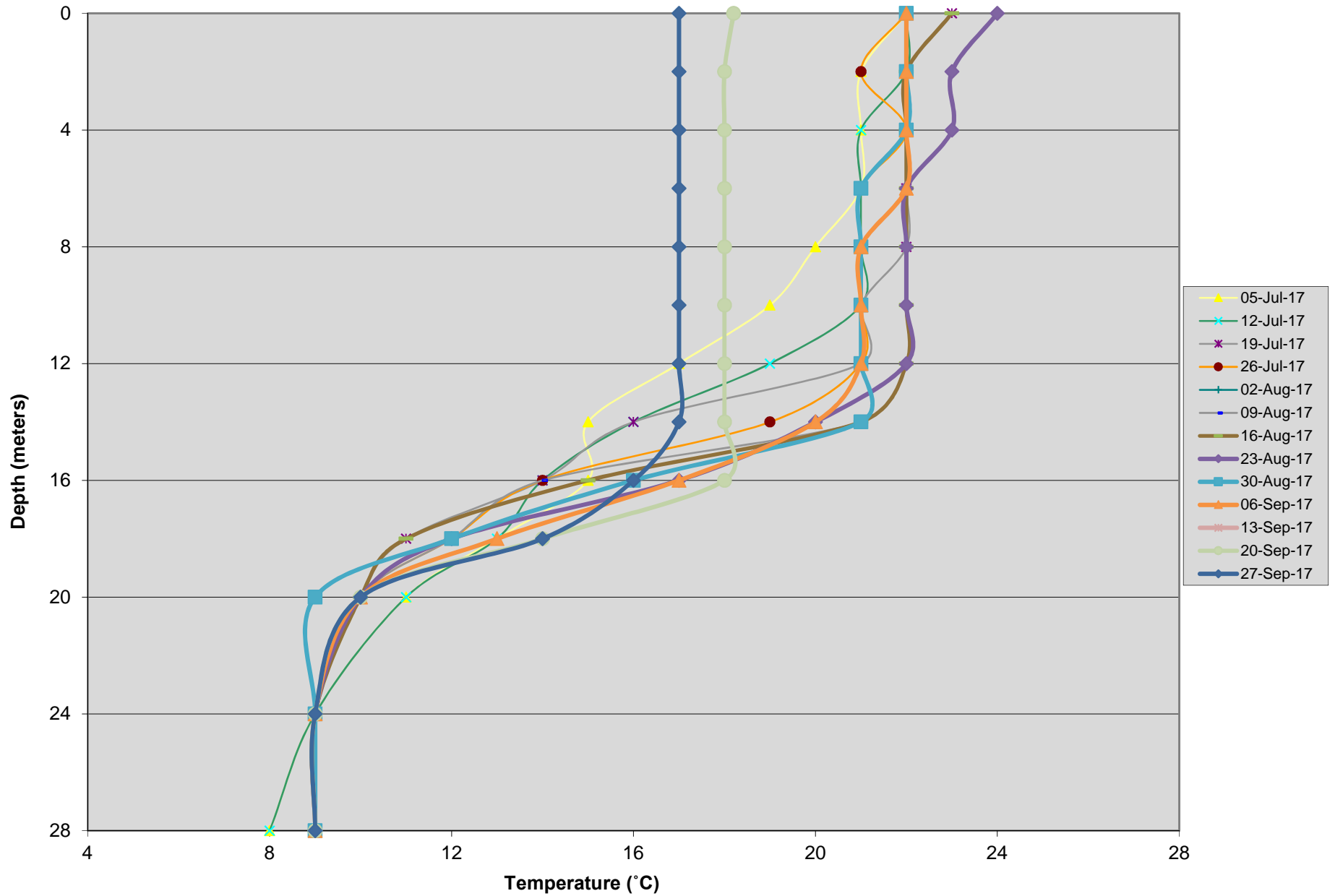


OLWQS - NORTH END 2017

Temperature (°C)													
Depth (m)	05-Jul-17	12-Jul-17	19-Jul-17	26-Jul-17	02-Aug-17	09-Aug-17	16-Aug-17	23-Aug-17	30-Aug-17	06-Sep-17	13-Sep-17	20-Sep-17	27-Sep-17
0	22	22	23	22		23	23	24	22	22		18	17
2	21	22	22	21		22	22	23	22	22		18	17
4	21	21	22	22		22	22	23	22	22		18	17
6	21	21	22	21		22	22	22	21	22		18	17
8	20	21	22	21		22	22	22	21	21		18	17
10	19	21	21	21		22	22	22	21	21		18	17
12	17	19	21	21		22	22	22	21	21		18	17
14	15	16	16	19		21	21	20	21	20		18	17
16	15	14	14	14		14	15	17	16	17		18	16
18	13	13	11	12		12	11	12	12	13		14	14
20	11	11	10	10		10	10	10	9	10		10	10
24	9	9	9	9		9	9	9	9	9		9	9
28	8	8	9	9		9	9	9	9	9		9	9

Dissolved Oxygen (mg/L)													
Depth (m)	05-Jul-17	12-Jul-17	19-Jul-17	26-Jul-17	02-Aug-17	09-Aug-17	16-Aug-17	23-Aug-17	30-Aug-17	06-Sep-17	13-Sep-17	20-Sep-17	27-Sep-17
0	8.1	7.5	8.5	7.4		7.7	8.0	8.1	7.5	7.8		7.8	8.3
2	8.1	7.2	8.5	7.4		7.5	8.0	8.1	7.5	7.7		7.8	8.3
4	8.0	7.3	8.4	7.4		7.5	7.9	8.0	7.2	7.6		7.8	8.2
6	7.7	7.4	8.3	7.3		7.5	7.8	8.1	7.1	7.5		7.7	8.0
8	7.5	7.3	8.3	7.2		7.3	7.6	8.0	7.3	7.4		7.7	7.9
10	7.4	7.2	8.3	7.2		7.2	7.7	7.8	7.2	7.4		7.7	7.8
12	7.0	6.5	8.2	7.1		7.1	7.8	7.8	6.6	7.5		7.7	7.9
14	7.0	6.3	6.6	5.9		5.8	7.2	6.2	6.2	6.4		7.5	7.9
16	6.9	6.3	6.8	5.6		5.2	4.6	4.5	3.4	3.9		7.3	7.2
18	7.0	6.3	7.2	5.9		5.4	5.4	5.0	3.9	3.7		5.1	5.2
20	7.0	6.5	7.5	6.1		5.8	5.6	5.3	4.3	4.5		3.8	3.6
24	7.4	6.9	7.5	6.2		6.0	6.0	5.6	4.5	4.4		4.1	3.6
28	7.2	6.9	7.4	6.1		5.8	5.2	5.2	3.9	4.0		3.4	3.1

### Osoyoos Lake (at North End) - Temperature Depth Profiles 2017



### Osoyoos Lake (at North End) - Oxygen Profiles 2017

