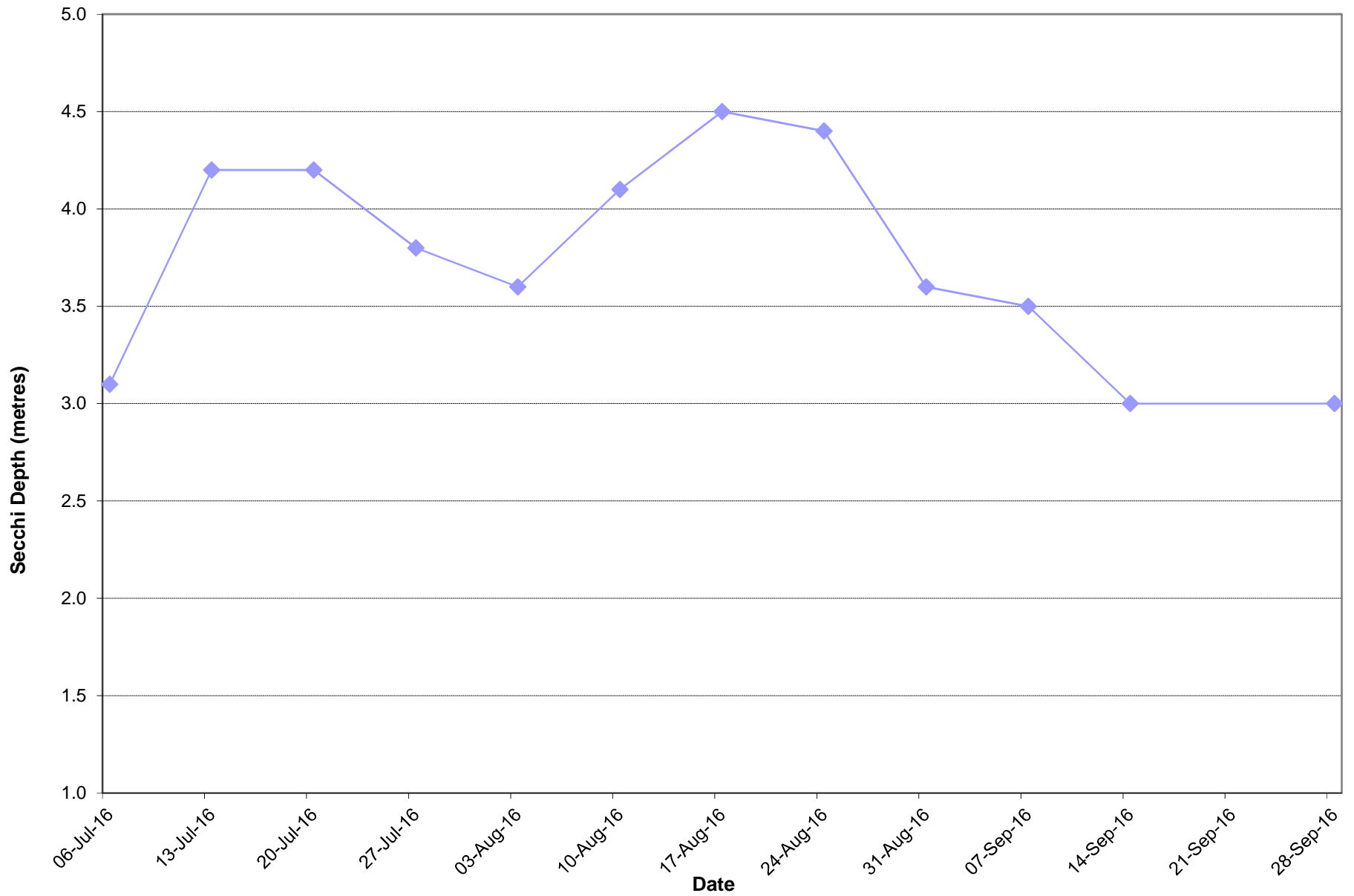


OLWQS - CENTRAL BASIN 2016 A

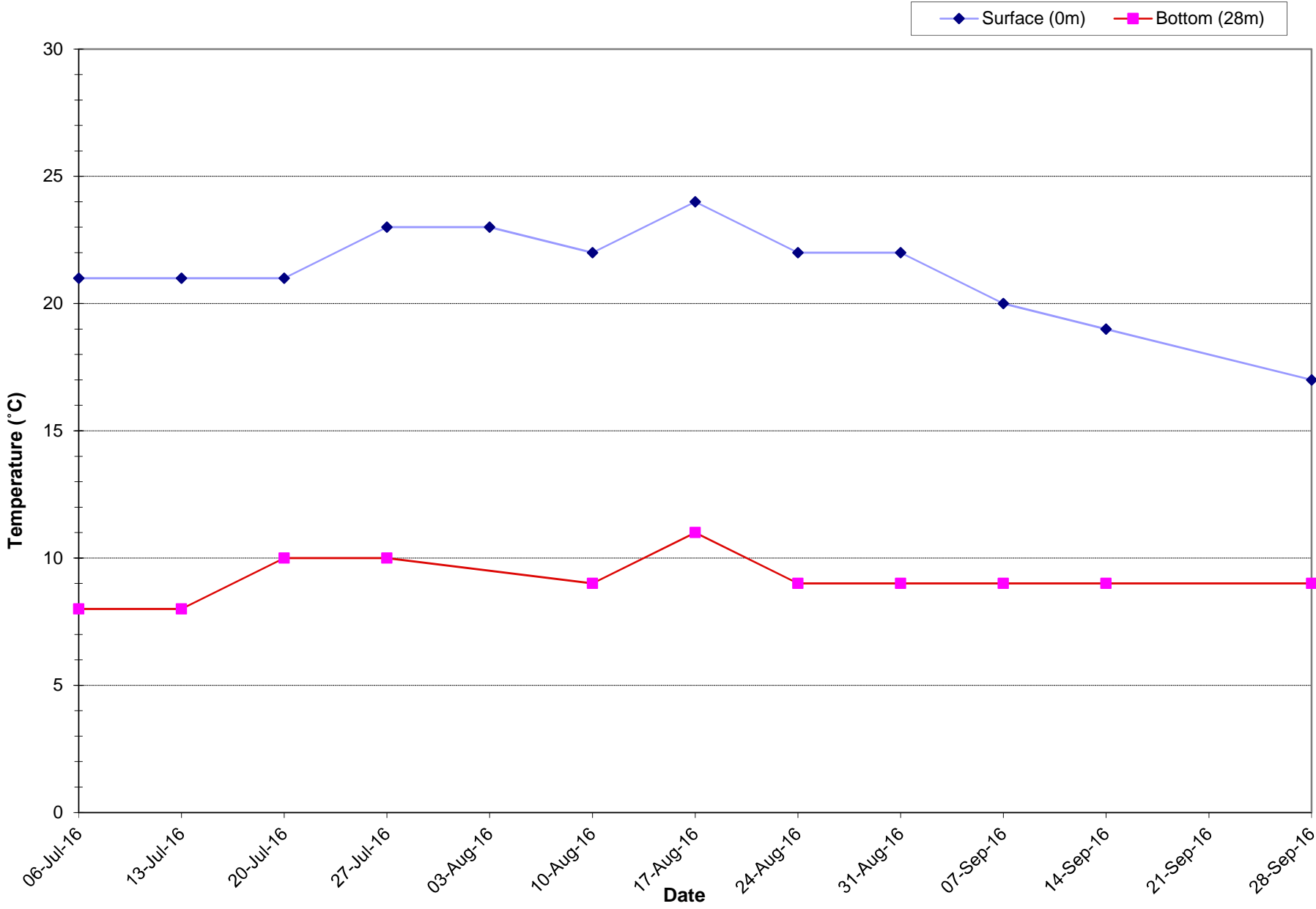
DATA - CENTRAL BASIN - 2016

DATE	TIME	SKY CONDITION	WIND DIRECTION	WIND STRENGTH	WATER CONDITION	AIR TEMPERATURE	DEPTH (metres)	SECCHI DISC	TEMP, TOP (°C)	TEMP, BOTTOM (°C)	D.O. TOP	D.O. BOTTOM	SPEC. COND. - TOP	SPEC. COND. - BTM	pH TOP	pH BOTTOM	THERMOCLINE			NOTES
																	DEPTH (metres)	TEMP (°C)	D.O. (ppm)	
06-Jul-16	10:45 AM	scattered	NW	Moderate	Small waves	25	30	3.1	21	8	8.2	0.6	272	321	8.33	7.21				DO meter recalibrated, ok
13-Jul-16	10:00 AM	Clear	-	Calm	Calm	24	30	4.2	21	8	8.1	0.5	284	328	8.43	7.26				
20-Jul-16	9:20 AM	Clear	-	Calm	Calm			4.2	21	10	7.5	0.4	287	317	8.43	7.34				
27-Jul-16	9:30 AM	Clear	NE	Light	Light Ripple	25	30	3.8	23	10	7.7	0.3	286	317	8.22	7.21				
03-Aug-16	10:10 AM	scattered	-	Calm	Calm		30	3.6	23		8.5		285		8.54	7.41				Data capture stopped at 20m (no reason)
10-Aug-16	9:30 AM	Overcast	SE	Light	Small waves	23	30	4.1	22	9	7.3	0.3	286	326						pH meter operational error
17-Aug-16	9:30 AM	Clear	-	Strong	White-tops		30	4.5	24	11	7.9	0.3	289	312	8.30	7.23				
24-Aug-16	9:20 AM	Clear	N	Light	Light Ripple	21	31	4.4	22	9	6.8	0.3	291	323	8.30	7.21				
31-Aug-16	9:20 AM	Clear	S	Strong	Small waves	21	30	3.6	22	9	7.6	0.2	293	329	8.47	7.28				
07-Sep-16	9:20 AM	Broken	S	Light	Light Ripple	17	30	3.5	20	9	7.4	0.2	293	324	8.23	7.25				
14-Sep-16	9:20 AM	Clear	-	Calm	Calm	16	30	3.0	19	9	8.0	0.3	295	329	8.23	7.98				
21-Sep-16																				Insufficient Crew
28-Sep-16	9:00 AM	Broken	N	Moderate	Small waves	15	30	3.0	17	9	8.0	0.6	298	330	8.18	8.02				

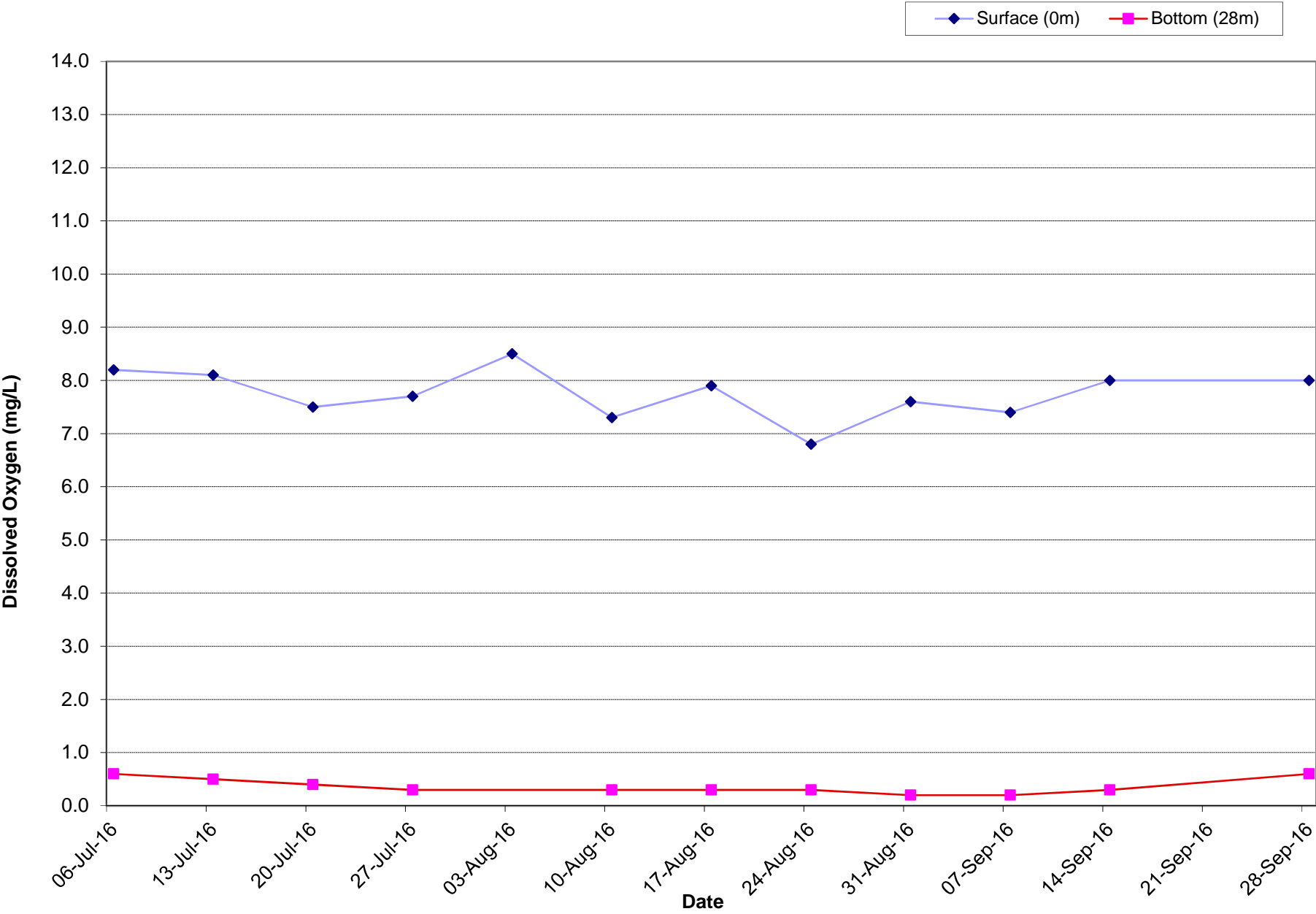
Osoyoos Lake (at Central Basin) - Secchi Depth 2016



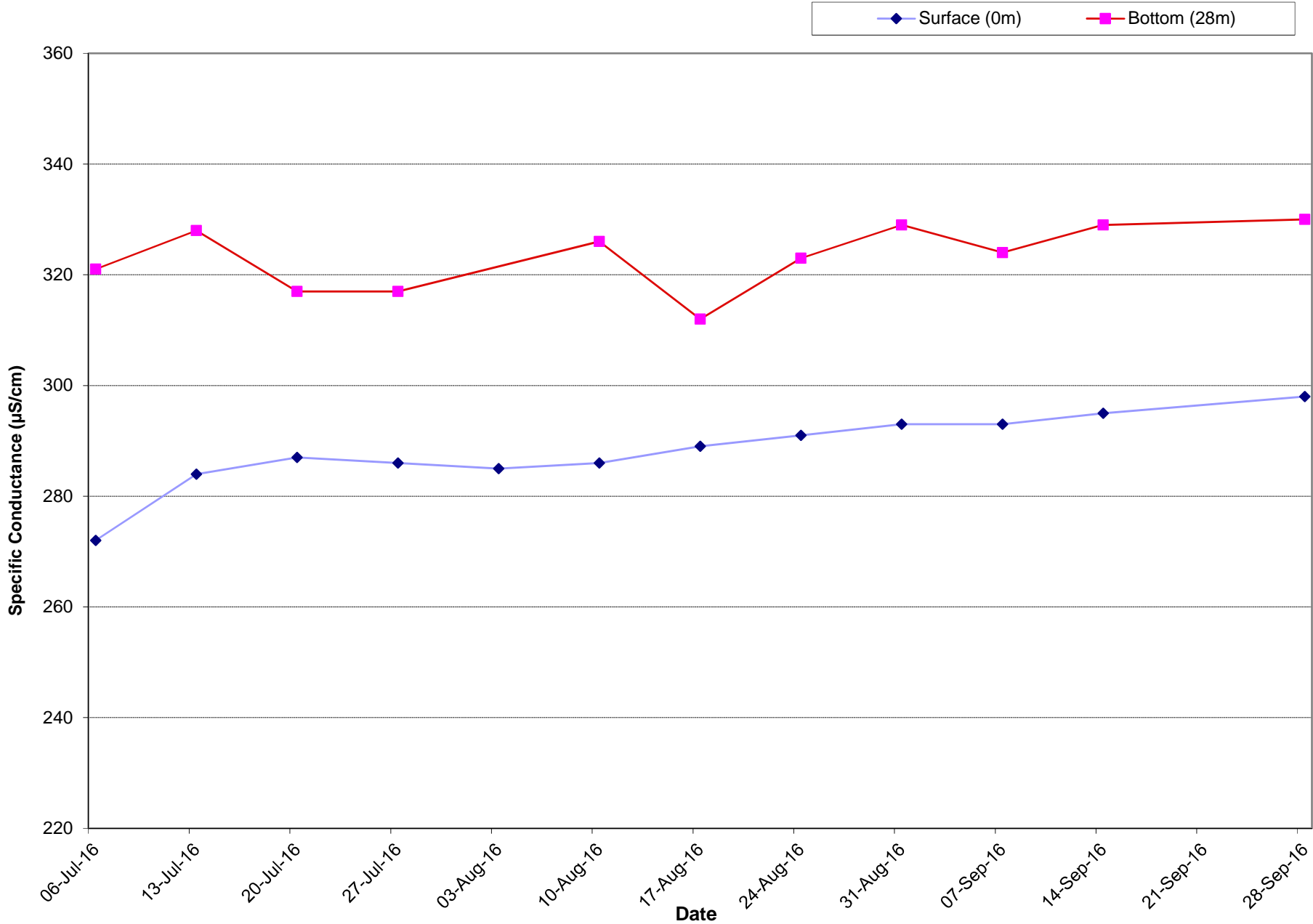
Osoyoos Lake (at Central Basin) - Water Temperature 2016



Osoyoos Lake (at Central Basin) - Dissolved Oxygen Levels 2016



Osoyoos Lake (at Central Basin) - Specific Conductance 2016



OLWQS - CENTRAL BASIN 2016

Depth (m)	Temperature (°C)					
	06-Jul-16	13-Jul-16	20-Jul-16	27-Jul-16	03-Aug-16	10-Aug-16
0	21	21	21	23	23	22
2	21	21	21	23	23	22
4	20	21	21	23	23	22
6	20	20	21	22	23	22
8	20	20	21	21	23	22
10	18	19	20	20	21	21
12	16	17	18	18	18	20
14	16	16	16	16	17	16
16	16	15	16	15	16	16
18	15	15	15	15	15	15
20	15	14	15	15	15	15
24	10	9	10	10		11
28	8	8				9

Depth (m)	Dissolved Oxygen (mg/L)					
	06-Jul-16	13-Jul-16	20-Jul-16	27-Jul-16	03-Aug-16	10-Aug-16
0	8.2	8.1	7.5	7.7	8.5	7.3
2	8.1	8.0	7.5	7.6	8.5	7.2
4	8.0	8.0	7.3	7.6	8.5	7.2
6	7.9	7.6	6.9	7.5	8.4	7.1
8	8.0	6.9	6.8	6.6	8.4	6.7
10	4.3	4.8	5.8	5.0	5.4	4.2
12	2.1	1.1	1.0	1.3	0.6	1.9
14	1.2	0.6	0.6	0.4	0.5	0.5
16	1.1	0.5	0.5	0.4	0.5	0.4
18	1.0	0.5	0.5	0.3	0.5	0.4
20	0.8	0.5	0.5	0.3	0.4	0.3
24	0.6	0.5	0.4	0.3		0.3
28	0.6	0.5				0.3

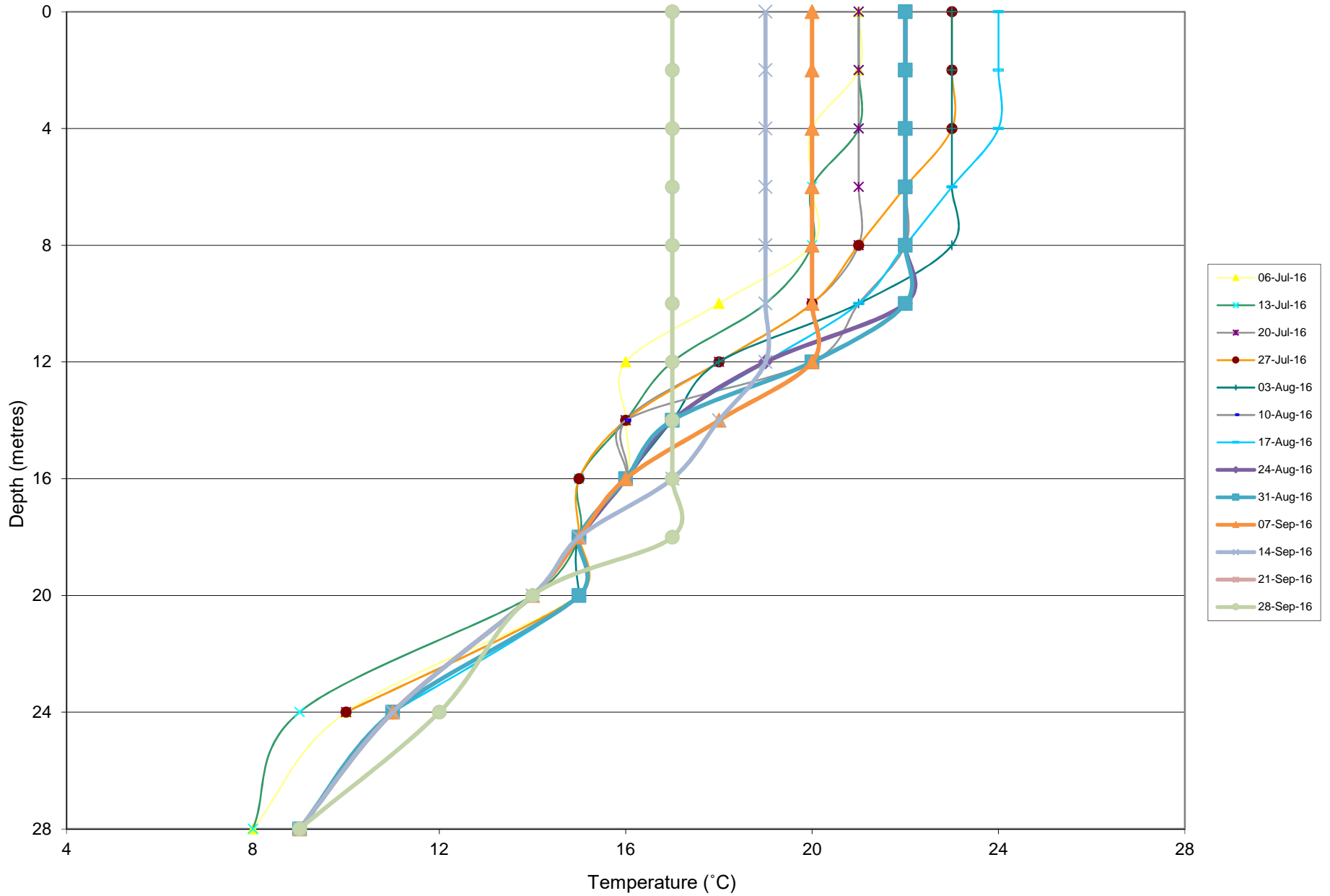
OLWQS - CENTRAL BASIN 2016

17-Aug-16	24-Aug-16	31-Aug-16	07-Sep-16	14-Sep-16	21-Sep-16	28-Sep-16
24	22	22	20	19		17
24	22	22	20	19		17
24	22	22	20	19		17
23	22	22	20	19		17
22	22	22	20	19		17
21	22	22	20	19		17
19	19	20	20	19		17
17	17	17	18	18		17
16	16	16	16	17		17
15	15	15	15	15		17
15	14	15	14	14		14
11	11	11	11	11		12
	9	9	9	9		9

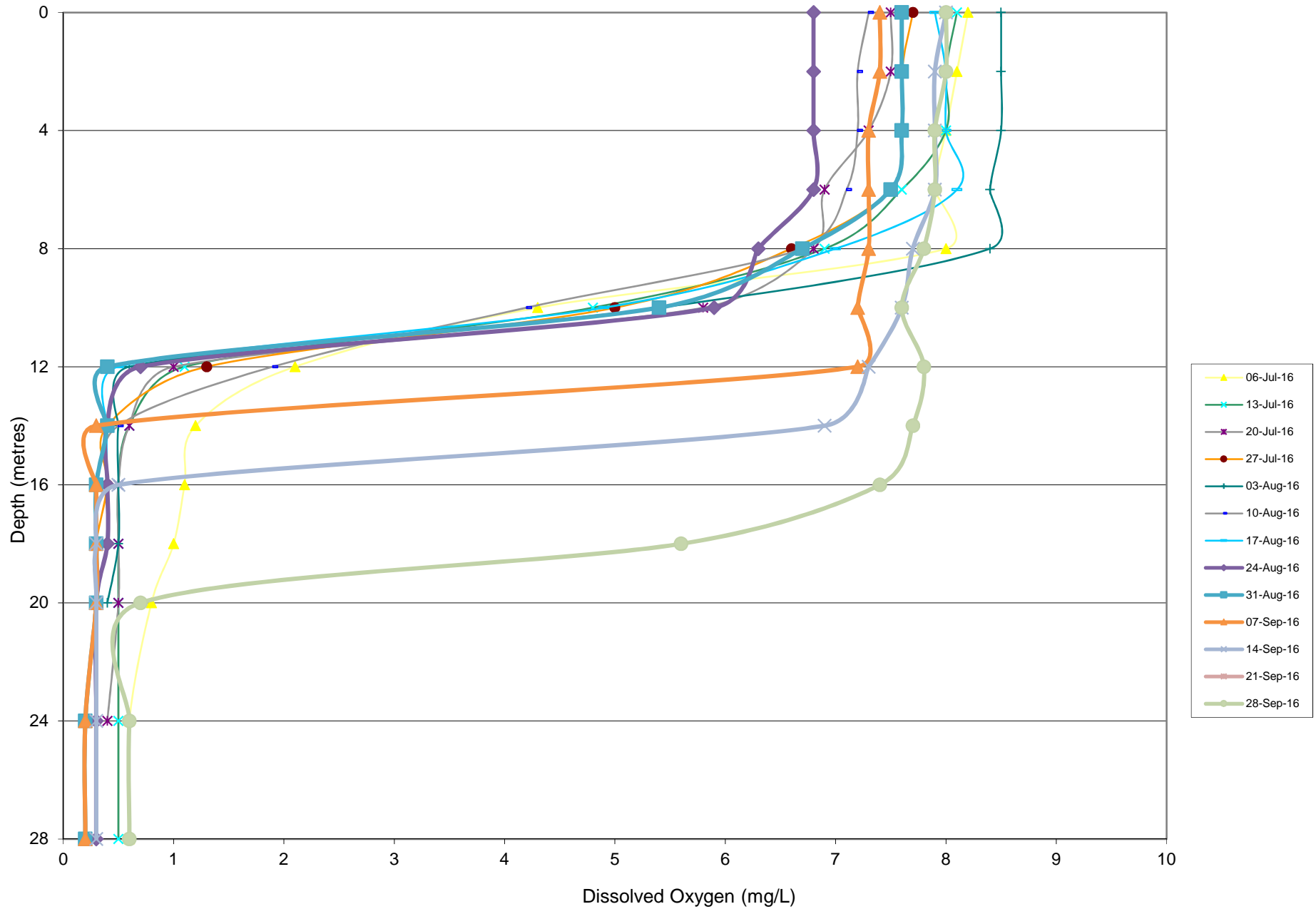
17-Aug-16	24-Aug-16	31-Aug-16	07-Sep-16	14-Sep-16	21-Sep-16	28-Sep-16
7.9	6.8	7.6	7.4	8.0		8.0
8.0	6.8	7.6	7.4	7.9		8.0
8.0	6.8	7.6	7.3	7.9		7.9
8.1	6.8	7.5	7.3	7.9		7.9
7.0	6.3	6.7	7.3	7.7		7.8
4.9	5.9	5.4	7.2	7.6		7.6
0.5	0.7	0.4	7.2	7.3		7.8
0.4	0.4	0.4	0.3	6.9		7.7
0.4	0.4	0.3	0.3	0.5		7.4
0.4	0.4	0.3	0.3	0.3		5.6
0.3	0.3	0.3	0.3	0.3		0.7
0.3	0.3	0.2	0.2	0.3		0.6
	0.3	0.2	0.2	0.3		0.6

OLWQS - CENTRAL BASIN 2016

Osoyoos Lake (at Central Basin) - Temperature Profiles 2016



OLWQS - CENTRAL BASIN 2016
Osoyoos Lake (at Central Basin) - Oxygen Profiles 2016



DATA COLLECTED BY OLWQS