

Crescent Bay Lake, Grant Co., WA - July 19, 2012

Location	Latitude	Longitude	Turbidity (m)	Depth	pH	D.O. (mg/L)	Conductivity	Temp (°C)
A	47.94415	-118.99438	5.5	Surface	8.42	7.20	0.546	25.13
				5 meters	8.16	9.34	0.538	22.01
				10 meters	6.42	6.62	0.566	10.50
B	47.94336	-118.99489	6.0	Surface	8.96	7.15	0.546	25.17
				5 meters	8.86	9.33	0.539	21.89
				10 meters	5.05	1.40	0.592	7.14
C	47.94196	-118.99541	6.5	Surface	8.99	7.35	0.547	25.15
				5 meters	8.95	9.24	0.539	21.87
				10 meters	5.30	1.08	0.590	7.09
D	47.94208	-118.99773	6.0	Surface	9.00	7.07	0.547	25.12
				5 meters	8.97	9.48	0.539	21.22
				10 meters	5.95	1.13	0.589	7.43

Averages by depth for the four locations (A, B, C, D):	Depth	pH	D.O. (mg/L)	Conductivity	Temp (°C)
	surface	8.84	7.19	0.547	25.14
	5 meters	8.74	9.35	0.539	21.75
	10 meters	5.68	2.56	0.584	8.04

Notes

Time: 10:30 AM - 11:30 AM

Weather conditions: clear sky, warm, breeze on lake from NE

Recordings taken on lake from a canoe

Some wind movement during measurements; lat/long is initial position

Turbidity measured using Secchi disk; depth of visibility listed above

Other measurements recorded using YSI instrument, calibrated onsite

YSI turned off & needed to be restarted at second position

Data collected by The River Mile teachers: Adam Smith, Carol Patrick, Michael Clapp