DATA REPORT
Water Column Characteristics of Barkley, Clayoquot and Nootka Sounds, British Columbia, Canada, August 2005
R/V Clifford A Barnes Cruise #863

By

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Abstract

This cruise report contains water column CTD data collected in the fjords of Clayoquot and Nootka Sounds, and in Effingham Inlet within Barkley Sound, British Columbia, Canada. Data was collected from August 17-29, 2005 aboard the R/V Clifford A. Barnes. The objectives of the cruise were to explore the factors that control organic matter remineralization in the water and preservation in the sediment, to relate water column properties (e.g. oxygen content, temperature) and remotely derived information (satellite and aerial data) to carbon cycling in the fjords. Student researchers evaluated the spatial extent of oxygen minimum zones within each fjord, and measured phytoplankton and bacterial growth and distribution in the inlets.

Introduction

The scientific objectives of the August 2005 cruise to the outer inlets of Vancouver Island included various efforts related to carbon cycling in the inlets. Evaluations were made of water column conditions (temperature, density, oxygen content, chlorophyll fluorescence, etc.) within the inlets and sampling near surface light conditions for comparison with satellite/aerial data. To accomplish these goals, several types of measurements were made; CTD casts, Van Veen sediment grabs, water samples and incubations, plankton samples and near surface light characteristics. Data from the nutrient, chlorophyll, plankton, bacteria and satellite/aerial groundtruthing samples are still being analyzed. Measurements were made at 67 stations within the region (Figure 1). CTD data and water samples were collected at each station and light measurements, plankton and bacteria samples were collected at selected stations. In addition, supplementary plankton and nearshore samples were collected for incubation and analysis back in the lab as part of the two graduate student projects. The cruise was divided into two legs. Chief scientist on leg 1 was Cheryl Greengrove from University of Washington - Tacoma. Leg 2 chief scientist was Richard Keil from the University of Washington, Seattle. Keil is also the Principal Investigator for this project. All further inquiries should be addressed to Dr. Keil. Cruise participants and their affiliations are listed in Table 1.

Methods

CTD casts were made with a SEABIRD 911plus equipped with an oxygen sensor, fluorometer, transmissometer and PAR sensor and lowered at a rate of 20 m/min. Oxygen samples were collected and run on board using the Winkler titration method (Carpenter 1965). Chlorophyll measurements were made using standard fluorescence techniques shipboard (Parsons et el., 1984). Nutrient samples were collected on 50 ml sample bottles and frozen for analysis by the UW Marine Chemistry Laboratory upon return. Phytoplankton samples were collected from the surface Niskin and a 20 micron mesh net at the surface, placed in 125 ml glass jars and fixed with formalin for later analysis. Bacterial growth was measured using the thymidine approach of Chin-Leo and Kirchman (1988) and the standard DAPI technique. Light measurements were made with a lightmeter attached to the CTD rosette and surface water characteristics determined by taking surface samples, filtering and storing for future analysis. Table 2 presents the CTD data. All times in Table 2 are local.

References

Carpenter, J.H. 1965. The Chesapeake Bay Institute technique for the Winkler dissolved oxygen method. Limnol. Oceanogr. 10:141-143.

Chin-Leo G. and Kitchman D.L. (1988) Estimating bacterial production in marine waters from the simultaneous incorporation of thymidine and leucine. *Applied and Environmental Microbiology* **54**(8), 1934-1939.

Parsons, T.R., Miata, Y., and Lalli, C.M. (1984) A manual of chemical and biological methods for seawater analysis. Pergamon Press, Oxford. 173 p.

Figure 1. Approximate locations of the samples taken in 2004.

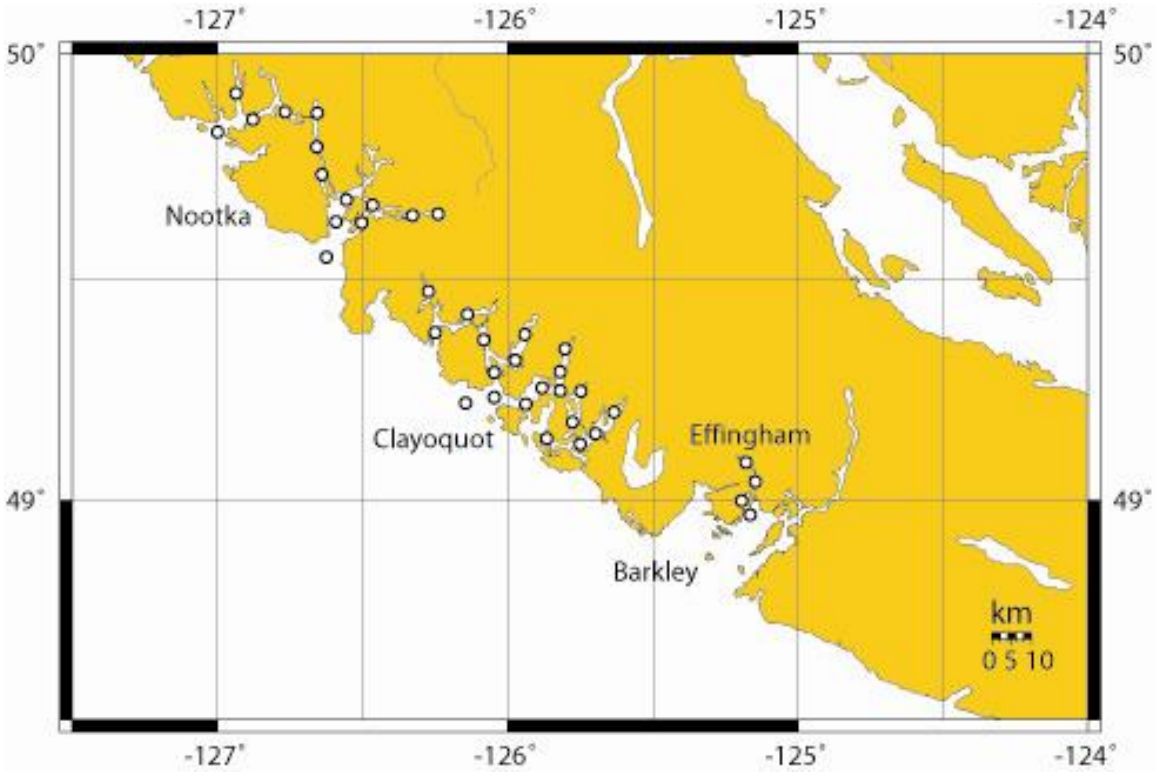

Table 1. Cruise participants and affiliations.

Name	Status	Affiliation
LEG 1		
Dr. Cheryl Greengrove	*Associate Professor*	University of Washington, Tacoma
Jon Nuwer	*Graduate Student*	University of Washington, Seattle
Leon Delwiche	*Graduate Student*	University of Washington, Seattle
Elizabeth Walsh	*Graduate Student*	University of Washington, Seattle
Kimberly Genther	*Undergraduate*	University of Washington, Seattle
Tamra Dickson	*Undergraduate*	University of Washington, Seattle
Ray McQuin	*Captain*	R/V Barnes
Nikki Hicks	*First Mate*	R/V Barnes
LEG 2		
Dr. Richard Keil	*Associate Professor*	University of Washington, Seattle
Dr. Miles Logsdon	*Assistant Professor*	University of Washington, Seattle
Dr. Anitra Igalls	*Assistant Professor*	University of Washington, Seattle
Jon Nuwer	*Graduate Student*	University of Washington, Seattle
Leon Delwiche	*Graduate Student*	University of Washington, Seattle
Elizabeth Walsh	*Graduate Student*	University of Washington, Seattle
Ray McQuin	*Captain*	R/V Barnes
Nikki Hicks	*First Mate*	R/V Barnes

Table 1. CTD data for Clayoquot Sound, August 2005.

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
Clayoquot Station 60 shelf of Sydney Inlet 26 m z 8/20/05 14:20																		
49.33483	-126.257	2	2.207	3.66E+04	12.41	31.37	1023.70	23.69	23.69	77.9	72.4	4.19	6.90	4.82	8.77	6.14	210.4	78.6
49.33483	-126.257	3	3.024	3.66E+04	12.37	31.38	1023.73	23.71	23.71	78.0	55.2	4.26	6.86	4.80	8.78	6.14	209.3	78.1
49.33483	-126.257	4	4.033	3.66E+04	12.31	31.40	1023.75	23.74	23.74	78.1	41.9	4.08	6.81	4.77	8.79	6.15	207.7	77.4
49.33483	-126.257	5	5.044	3.65E+04	12.26	31.42	1023.78	23.76	23.76	78.3	29.7	3.95	6.73	4.71	8.80	6.15	205.3	76.5
49.33483	-126.257	6	6.048	3.65E+04	12.20	31.44	1023.82	23.79	23.79	78.4	24.3	3.82	6.69	4.68	8.81	6.16	204.1	75.9
49.33483	-126.257	7	7.061	3.65E+04	12.17	31.46	1023.84	23.81	23.81	78.5	18.6	3.68	6.64	4.65	8.81	6.16	202.7	75.4
49.33483	-126.257	8	8.067	3.65E+04	12.16	31.46	1023.85	23.81	23.81	78.6	15.4	3.71	6.63	4.64	8.81	6.17	202.2	75.2
49.33483	-126.257	9	9.08	3.65E+04	12.15	31.47	1023.86	23.82	23.82	78.7	12.7	3.54	6.61	4.63	8.81	6.17	201.9	75.1
49.33483	-126.257	10	10.087	3.65E+04	12.16	31.46	1023.86	23.81	23.81	78.6	9.9	3.69	6.61	4.63	8.81	6.17	201.7	75.0
49.33483	-126.257	11	11.095	3.65E+04	12.16	31.46	1023.87	23.82	23.82	78.6	8.1	3.53	6.61	4.62	8.81	6.17	201.6	75.0
49.33483	-126.257	12	12.104	3.65E+04	12.16	31.47	1023.87	23.82	23.82	78.6	6.8	3.73	6.60	4.62	8.81	6.17	201.6	74.9
49.33483	-126.257	13	13.116	3.65E+04	12.16	31.46	1023.87	23.81	23.81	78.6	5.6	3.68	6.61	4.63	8.81	6.17	201.7	75.0
49.33483	-126.257	14	14.12	3.65E+04	12.16	31.46	1023.88	23.82	23.82	78.7	4.6	3.70	6.60	4.62	8.81	6.17	201.5	74.9
49.33483	-126.257	15	15.126	3.65E+04	12.16	31.47	1023.89	23.82	23.82	78.6	3.9	3.72	6.60	4.62	8.81	6.17	201.3	74.8
49.33483	-126.257	16	16.138	3.65E+04	12.07	31.51	1023.94	23.86	23.86	78.6	3.1	3.72	6.58	4.60	8.83	6.18	199.3	74.0
49.33483	-126.257	17	17.148	3.64E+04	11.77	31.66	1024.11	24.04	24.04	78.8	2.6	3.10	6.41	4.49	8.87	6.21	194.9	71.9
49.33483	-126.257	18	18.156	3.63E+04	11.53	31.76	1024.24	24.16	24.16	79.6	2.2	2.76	6.24	4.36	8.91	6.24	190.2	69.9
49.33483	-126.257	19	19.168	3.62E+04	11.50	31.77	1024.26	24.17	24.17	80.0	1.8	2.79	6.18	4.32	8.92	6.24	188.4	69.2
49.33483	-126.257	20	20.171	3.62E+04	11.49	31.77	1024.27	24.18	24.18	80.1	1.6	2.72	6.15	4.31	8.92	6.24	187.1	68.7
49.33483	-126.257	21	21.183	3.61E+04	11.32	31.81	1024.33	24.23	24.23	80.0	1.3	2.68	6.00	4.20	8.95	6.26	181.7	66.5
49.33483	-126.257	22	22.19	3.59E+04	10.95	31.92	1024.49	24.39	24.38	80.2	1.2	2.79	5.71	3.99	9.02	6.31	173.8	63.2
49.33483	-126.257	23	23.198	3.59E+04	10.85	31.95	1024.53	24.43	24.43	80.2	1.0	2.87	5.42	3.79	9.04	6.32	165.5	60.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
Clayoquot station 61 sydney inlet 8/20/05 14:57																		
49.36267	-126.244	2	2.222	3.76E+04	14.69	30.40	1022.50	22.49	22.49	56.2	695	20.28	9.26	6.48	8.41	5.89	281.8	109.6
49.36267	-126.244	3	3.025	3.75E+04	14.57	30.46	1022.58	22.57	22.57	56.4	460	19.50	9.16	6.41	8.43	5.90	278.6	108.1
49.36267	-126.244	4	4.037	3.74E+04	14.18	30.67	1022.82	22.81	22.81	57.6	257	17.87	8.88	6.22	8.49	5.94	270.0	104.1
49.36267	-126.244	5	5.038	3.73E+04	13.93	30.80	1022.98	22.96	22.96	60.9	154	15.08	8.68	6.08	8.53	5.97	264.2	101.5
49.36267	-126.244	6	6.052	3.73E+04	13.71	30.90	1023.11	23.08	23.08	63.5	94	13.68	8.46	5.92	8.56	5.99	257.8	98.6
49.36267	-126.244	7	7.062	3.72E+04	13.66	30.92	1023.14	23.11	23.11	64.1	62	13.02	8.33	5.83	8.57	5.99	252.5	96.5
49.36267	-126.244	8	8.07	3.71E+04	13.27	31.13	1023.38	23.34	23.34	66.9	42	12.49	8.07	5.65	8.62	6.04	245.8	93.3
49.36267	-126.244	9	9.075	3.71E+04	13.18	31.17	1023.44	23.40	23.40	68.7	30	10.47	7.93	5.55	8.64	6.05	241.3	91.5
49.36267	-126.244	10	10.087	3.70E+04	13.00	31.25	1023.53	23.49	23.49	70.0	23	9.47	7.78	5.45	8.67	6.07	236.8	89.5
49.36267	-126.244	11	11.094	3.69E+04	12.84	31.32	1023.62	23.57	23.57	70.9	17	9.11	7.64	5.35	8.69	6.08	231.2	87.1
49.36267	-126.244	12	12.104	3.67E+04	12.43	31.47	1023.82	23.77	23.77	72.7	13	7.48	7.29	5.10	8.76	6.13	221.0	82.7
49.36267	-126.244	13	13.111	3.66E+04	12.10	31.59	1023.98	23.92	23.92	75.5	10	5.24	6.99	4.89	8.81	6.17	212.4	78.9
49.36267	-126.244	14	14.125	3.65E+04	11.87	31.67	1024.09	24.02	24.02	76.9	8	4.48	6.72	4.70	8.85	6.20	205.0	75.9
49.36267	-126.244	15	15.13	3.65E+04	11.89	31.66	1024.08	24.02	24.01	77.9	7	3.67	6.62	4.63	8.85	6.19	201.6	74.6
49.36267	-126.244	16	16.133	3.64E+04	11.84	31.67	1024.11	24.04	24.04	78.2	6	3.57	6.53	4.57	8.86	6.20	199.2	73.7
49.36267	-126.244	17	17.148	3.64E+04	11.77	31.69	1024.14	24.06	24.06	78.6	5	3.15	6.44	4.50	8.87	6.21	196.3	72.5
49.36267	-126.244	18	18.157	3.64E+04	11.76	31.69	1024.15	24.07	24.07	78.6	5	3.15	6.40	4.48	8.87	6.21	195.3	72.1
49.36267	-126.244	19	19.162	3.64E+04	11.78	31.68	1024.14	24.06	24.06	78.8	4	3.11	6.37	4.46	8.87	6.21	193.9	71.6
49.36267	-126.244	20	20.175	3.63E+04	11.63	31.72	1024.20	24.11	24.11	78.9	4	2.87	6.25	4.37	8.90	6.23	190.4	70.1
49.36267	-126.244	21	21.182	3.63E+04	11.57	31.74	1024.23	24.14	24.14	78.8	3	2.85	6.16	4.31	8.91	6.23	187.7	69.0
49.36267	-126.244	22	22.193	3.62E+04	11.52	31.75	1024.26	24.16	24.16	78.6	3	2.78	6.08	4.26	8.92	6.24	185.4	68.1
49.36267	-126.244	23	23.199	3.62E+04	11.48	31.77	1024.28	24.17	24.17	78.4	3	2.92	6.03	4.22	8.92	6.24	183.9	67.5
49.36267	-126.244	24	24.208	3.62E+04	11.49	31.76	1024.28	24.17	24.17	78.3	2	2.86	6.01	4.20	8.92	6.24	183.3	67.3
49.36267	-126.244	25	25.213	3.62E+04	11.49	31.76	1024.28	24.17	24.17	78.2	2	3.04	6.01	4.20	8.92	6.24	182.9	67.2
49.36267	-126.244	26	26.221	3.61E+04	11.38	31.79	1024.33	24.21	24.21	78.2	2	2.96	5.89	4.12	8.94	6.26	179.2	65.7
49.36267	-126.244	27	27.236	3.61E+04	11.25	31.83	1024.38	24.26	24.26	78.0	2	2.96	5.76	4.03	8.96	6.27	175.8	64.3
49.36267	-126.244	28	28.243	3.61E+04	11.25	31.83	1024.39	24.26	24.26	77.9	2	2.82	5.71	4.00	8.96	6.27	174.2	63.7
49.36267	-126.244	29	29.249	3.61E+04	11.23	31.83	1024.40	24.27	24.27	77.8	2	3.00	5.65	3.96	8.97	6.28	172.3	63.0
49.36267	-126.244	30	30.255	3.60E+04	11.15	31.84	1024.43	24.29	24.29	77.9	2	2.62	5.56	3.89	8.98	6.29	169.6	61.9
49.36267	-126.244	31	31.269	3.60E+04	11.09	31.86	1024.46	24.32	24.32	77.8	2	2.45	5.47	3.83	8.99	6.29	167.0	60.8
49.36267	-126.244	32	32.276	3.60E+04	11.09	31.86	1024.46	24.32	24.32	77.9	2	2.25	5.42	3.79	8.99	6.29	165.3	60.2
49.36267	-126.244	33	33.28	3.60E+04	11.06	31.86	1024.48	24.33	24.32	78.0	2	2.15	5.38	3.76	9.00	6.30	163.9	59.7
49.36267	-126.244	34	34.294	3.59E+04	11.04	31.87	1024.49	24.33	24.33	78.1	1	2.03	5.33	3.73	9.00	6.30	162.6	59.2
49.36267	-126.244	35	35.304	3.59E+04	11.04	31.87	1024.49	24.33	24.33	78.1	1	2.17	5.33	3.73	9.00	6.30	162.4	59.1

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.36267	-126.244	36	36.309	3.59E+04	11.02	31.87	1024.50	24.34	24.34	78.0	1	2.27	5.29	3.70	9.01	6.30	161.3	58.7
49.36267	-126.244	37	37.321	3.59E+04	10.98	31.89	1024.53	24.36	24.36	78.1	1	2.20	5.25	3.68	9.01	6.31	160.3	58.3
49.36267	-126.244	38	38.331	3.59E+04	10.97	31.89	1024.53	24.36	24.36	77.9	1	2.20	5.24	3.67	9.02	6.31	159.8	58.1
49.36267	-126.244	39	39.352	3.59E+04	10.97	31.89	1024.54	24.36	24.36	77.9	1	2.14	5.24	3.66	9.02	6.31	159.7	58.1
49.36267	-126.244	40	40.333	3.59E+04	10.97	31.89	1024.54	24.36	24.36	77.8	1	2.20	5.21	3.65	9.02	6.31	159.1	57.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation62sydney64mz8/20/05 15:17																		
49.38133	-126.246	2	2.228	3.74E+04	14.18	30.65	1022.80	22.79	22.79	57.7	552	16.05	8.76	6.13	8.49	5.94	264.6	102.0
49.38133	-126.246	3	3.028	3.73E+04	13.83	30.83	1023.01	23.00	23.00	59.4	366	15.04	8.57	5.99	8.54	5.98	260.1	99.7
49.38133	-126.246	4	4.037	3.72E+04	13.51	31.00	1023.21	23.20	23.20	63.1	212	11.99	8.33	5.83	8.59	6.01	253.9	96.8
49.38133	-126.246	5	5.043	3.72E+04	13.43	31.03	1023.26	23.24	23.24	63.5	138	11.27	8.18	5.72	8.60	6.02	249.5	95.0
49.38133	-126.246	6	6.05	3.71E+04	13.39	31.05	1023.29	23.26	23.26	66.0	92	10.67	8.09	5.66	8.61	6.02	246.7	93.8
49.38133	-126.246	7	7.06	3.71E+04	13.36	31.06	1023.31	23.28	23.28	67.8	64	10.24	8.03	5.62	8.61	6.03	244.8	93.1
49.38133	-126.246	8	8.068	3.71E+04	13.32	31.09	1023.34	23.30	23.30	68.2	47	9.97	7.97	5.58	8.62	6.03	242.4	92.1
49.38133	-126.246	9	9.076	3.71E+04	13.17	31.16	1023.42	23.38	23.38	68.7	34	9.42	7.85	5.50	8.64	6.05	239.1	90.6
49.38133	-126.246	10	10.088	3.70E+04	13.04	31.22	1023.50	23.46	23.46	69.5	25	8.74	7.74	5.42	8.66	6.06	236.2	89.3
49.38133	-126.246	11	11.086	3.70E+04	12.98	31.24	1023.54	23.49	23.49	71.0	19	8.12	7.66	5.36	8.67	6.07	233.5	88.2
49.38133	-126.246	12	12.102	3.69E+04	12.87	31.29	1023.60	23.55	23.55	71.5	14	7.65	7.54	5.28	8.69	6.08	230.1	86.7
49.38133	-126.246	13	13.116	3.69E+04	12.82	31.32	1023.63	23.58	23.57	72.1	11	7.49	7.47	5.23	8.70	6.09	228.0	85.9
49.38133	-126.246	14	14.118	3.69E+04	12.82	31.32	1023.64	23.58	23.57	72.4	9	7.63	7.46	5.22	8.70	6.09	227.5	85.7
49.38133	-126.246	15	15.126	3.69E+04	12.72	31.36	1023.69	23.63	23.63	72.6	7	7.24	7.37	5.16	8.71	6.10	224.9	84.5
49.38133	-126.246	16	16.142	3.69E+04	12.67	31.38	1023.72	23.65	23.65	73.2	6	6.63	7.32	5.12	8.72	6.10	223.5	84.0
49.38133	-126.246	17	17.148	3.69E+04	12.71	31.36	1023.71	23.63	23.63	73.1	5	6.90	7.33	5.13	8.71	6.10	223.9	84.2
49.38133	-126.246	18	18.155	3.69E+04	12.72	31.35	1023.70	23.62	23.62	73.1	4	6.95	7.34	5.14	8.71	6.10	224.0	84.2
49.38133	-126.246	19	19.164	3.69E+04	12.69	31.37	1023.73	23.64	23.64	73.0	4	6.78	7.31	5.12	8.72	6.10	222.8	83.7
49.38133	-126.246	20	20.169	3.68E+04	12.55	31.42	1023.80	23.71	23.71	73.3	3	6.38	7.22	5.05	8.74	6.12	219.9	82.4
49.38133	-126.246	21	21.18	3.67E+04	12.43	31.47	1023.86	23.77	23.77	74.3	3	5.75	7.10	4.97	8.76	6.13	216.1	80.8
49.38133	-126.246	22	22.19	3.67E+04	12.27	31.52	1023.94	23.84	23.84	75.1	2	4.97	6.94	4.86	8.79	6.15	211.3	78.8
49.38133	-126.246	23	23.198	3.66E+04	12.10	31.58	1024.02	23.92	23.92	75.9	2	4.57	6.76	4.73	8.82	6.17	206.1	76.6
49.38133	-126.246	24	24.205	3.65E+04	12.02	31.61	1024.06	23.96	23.95	76.6	2	4.26	6.66	4.66	8.83	6.18	203.1	75.3
49.38133	-126.246	25	25.219	3.65E+04	12.00	31.62	1024.08	23.96	23.96	76.8	2	4.13	6.61	4.62	8.83	6.18	201.5	74.7
49.38133	-126.246	26	26.223	3.65E+04	11.96	31.63	1024.10	23.98	23.98	76.9	2	4.06	6.57	4.60	8.84	6.18	200.4	74.3
49.38133	-126.246	27	27.236	3.65E+04	11.93	31.64	1024.11	23.99	23.99	77.0	2	4.00	6.53	4.57	8.85	6.19	199.2	73.8
49.38133	-126.246	28	28.241	3.65E+04	11.90	31.65	1024.13	24.00	24.00	77.2	2	3.90	6.50	4.55	8.85	6.19	198.3	73.4
49.38133	-126.246	29	29.25	3.65E+04	11.88	31.65	1024.15	24.01	24.01	77.2	2	3.90	6.46	4.52	8.85	6.20	197.0	72.9
49.38133	-126.246	30	30.26	3.64E+04	11.85	31.66	1024.16	24.03	24.03	77.1	2	3.87	6.43	4.50	8.86	6.20	196.1	72.5
49.38133	-126.246	31	31.27	3.64E+04	11.82	31.67	1024.18	24.04	24.04	77.3	1	3.69	6.40	4.48	8.86	6.20	195.1	72.1
49.38133	-126.246	32	32.279	3.64E+04	11.79	31.68	1024.20	24.05	24.05	77.5	1	3.72	6.37	4.45	8.87	6.21	194.2	71.7
49.38133	-126.246	33	33.289	3.64E+04	11.77	31.69	1024.21	24.06	24.06	77.5	1	3.68	6.34	4.43	8.87	6.21	193.2	71.4
49.38133	-126.246	34	34.293	3.64E+04	11.74	31.70	1024.23	24.07	24.07	77.6	1	3.59	6.31	4.41	8.88	6.21	192.4	71.0
49.38133	-126.246	35	35.306	3.64E+04	11.73	31.70	1024.24	24.08	24.08	77.6	1	3.65	6.29	4.40	8.88	6.21	191.6	70.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.38133	-126.246	36	36.308	3.63E+04	11.68	31.71	1024.26	24.10	24.10	77.6	1	3.60	6.25	4.37	8.89	6.22	190.4	70.2
49.38133	-126.246	37	37.32	3.63E+04	11.63	31.72	1024.28	24.12	24.11	77.7	1	3.52	6.19	4.33	8.90	6.23	188.5	69.4
49.38133	-126.246	38	38.326	3.63E+04	11.55	31.75	1024.32	24.15	24.15	77.6	1	3.56	6.11	4.27	8.91	6.24	186.1	68.4
49.38133	-126.246	39	39.336	3.62E+04	11.47	31.77	1024.35	24.18	24.17	77.8	1	3.53	6.03	4.22	8.92	6.25	183.6	67.4
49.38133	-126.246	40	40.348	3.62E+04	11.36	31.80	1024.40	24.22	24.22	77.8	1	3.34	5.92	4.14	8.94	6.26	180.2	66.0
49.38133	-126.246	41	41.354	3.61E+04	11.26	31.83	1024.44	24.26	24.26	78.0	1	3.23	5.80	4.06	8.96	6.27	176.9	64.7
49.38133	-126.246	42	42.36	3.61E+04	11.23	31.83	1024.46	24.27	24.27	77.9	1	3.15	5.74	4.02	8.97	6.28	175.1	64.0
49.38133	-126.246	43	43.371	3.61E+04	11.21	31.84	1024.47	24.28	24.28	77.9	1	3.11	5.71	3.99	8.97	6.28	174.0	63.6
49.38133	-126.246	44	44.382	3.60E+04	11.17	31.85	1024.49	24.29	24.29	77.9	1	3.14	5.66	3.96	8.98	6.28	172.6	63.0
49.38133	-126.246	45	45.39	3.60E+04	11.11	31.86	1024.52	24.32	24.32	77.7	1	3.03	5.60	3.92	8.99	6.29	170.7	62.3
49.38133	-126.246	46	46.4	3.60E+04	11.08	31.87	1024.54	24.33	24.33	77.6	1	3.16	5.56	3.89	8.99	6.29	169.5	61.7
49.38133	-126.246	47	47.413	3.60E+04	11.07	31.88	1024.54	24.33	24.33	77.4	1	3.16	5.54	3.87	9.00	6.29	168.8	61.5
49.38133	-126.246	48	48.419	3.60E+04	11.06	31.88	1024.56	24.34	24.34	77.4	1	3.10	5.51	3.86	9.00	6.30	168.0	61.2
49.38133	-126.246	49	49.425	3.59E+04	11.02	31.89	1024.57	24.35	24.35	76.9	1	3.10	5.47	3.83	9.01	6.30	166.6	60.6
49.38133	-126.246	50	50.439	3.59E+04	10.87	31.93	1024.64	24.41	24.41	76.6	1	3.03	5.35	3.75	9.03	6.32	163.0	59.2
49.38133	-126.246	51	51.439	3.58E+04	10.80	31.95	1024.67	24.44	24.44	75.6	1	2.94	5.26	3.68	9.05	6.33	160.2	58.1
49.38133	-126.246	52	52.452	3.58E+04	10.76	31.96	1024.69	24.45	24.45	74.6	1	2.94	5.19	3.63	9.05	6.33	158.2	57.3
49.38133	-126.246	53	53.457	3.58E+04	10.76	31.96	1024.70	24.45	24.45	73.2	1	2.93	5.15	3.61	9.05	6.34	157.1	56.9
49.38133	-126.246	54	54.473	3.58E+04	10.75	31.96	1024.70	24.46	24.46	72.2	1	2.99	5.14	3.60	9.05	6.34	156.8	56.8
49.38133	-126.246	55	55.478	3.58E+04	10.74	31.97	1024.71	24.46	24.46	72.1	1	3.11	5.13	3.59	9.06	6.34	156.5	56.7
49.38133	-126.246	56	56.488	3.58E+04	10.74	31.97	1024.72	24.46	24.46	71.5	1	2.96	5.12	3.58	9.06	6.34	156.2	56.6
49.38133	-126.246	57	57.5	3.58E+04	10.73	31.97	1024.72	24.46	24.46	71.3	1	3.07	5.12	3.58	9.06	6.34	156.1	56.5
49.38133	-126.246	58	58.507	3.58E+04	10.73	31.97	1024.73	24.47	24.46	70.9	1	3.11	5.11	3.58	9.06	6.34	155.9	56.4
49.38133	-126.246	59	59.515	3.58E+04	10.71	31.98	1024.74	24.47	24.47	70.4	1	3.14	5.09	3.56	9.06	6.34	155.2	56.2
49.38133	-126.246	60	60.524	3.58E+04	10.70	31.98	1024.75	24.48	24.47	68.6	1	3.42	5.07	3.55	9.06	6.34	154.8	56.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation63confluencesydney/sheler 68mz8/20/05 15:44																		
49.3995	-126.243	2	2.259	3.72E+04	13.78	30.78	1022.98	22.97	22.97	61.3	674	14.89	8.28	5.79	8.55	5.98	251.3	96.2
49.3995	-126.243	3	3.026	3.72E+04	13.71	30.82	1023.03	23.02	23.02	62.2	458	13.04	8.14	5.70	8.56	5.99	246.6	94.3
49.3995	-126.243	4	4.033	3.70E+04	13.40	30.96	1023.20	23.19	23.19	64.0	285	11.13	7.89	5.52	8.61	6.03	239.3	91.0
49.3995	-126.243	5	5.042	3.69E+04	13.05	31.16	1023.43	23.41	23.41	65.8	183	8.98	7.65	5.35	8.66	6.06	233.0	88.1
49.3995	-126.243	6	6.052	3.69E+04	12.89	31.27	1023.55	23.53	23.53	66.8	121	6.51	7.55	5.28	8.69	6.08	230.3	86.8
49.3995	-126.243	7	7.059	3.69E+04	12.87	31.28	1023.57	23.54	23.54	68.6	84	6.23	7.49	5.24	8.69	6.08	228.7	86.2
49.3995	-126.243	8	8.068	3.69E+04	12.87	31.28	1023.58	23.54	23.54	73.3	61	6.31	7.45	5.22	8.69	6.08	227.6	85.8
49.3995	-126.243	9	9.078	3.69E+04	12.87	31.28	1023.58	23.54	23.54	74.7	47	6.35	7.44	5.21	8.69	6.08	227.2	85.6
49.3995	-126.243	10	10.086	3.69E+04	12.85	31.29	1023.60	23.55	23.55	75.5	36	6.04	7.42	5.20	8.69	6.08	226.6	85.4
49.3995	-126.243	11	11.099	3.69E+04	12.83	31.31	1023.62	23.57	23.57	75.7	28	6.04	7.42	5.19	8.70	6.09	226.2	85.2
49.3995	-126.243	12	12.101	3.69E+04	12.74	31.36	1023.68	23.63	23.63	75.7	22	6.11	7.38	5.16	8.71	6.09	224.9	84.6
49.3995	-126.243	13	13.112	3.69E+04	12.64	31.41	1023.74	23.69	23.68	75.5	18	5.91	7.32	5.12	8.72	6.10	223.4	83.9
49.3995	-126.243	14	14.127	3.68E+04	12.60	31.43	1023.77	23.71	23.71	75.5	14	5.53	7.28	5.09	8.73	6.11	222.0	83.3
49.3995	-126.243	15	15.124	3.68E+04	12.56	31.44	1023.79	23.72	23.72	76.0	12	5.38	7.23	5.06	8.74	6.11	220.4	82.6
49.3995	-126.243	16	16.138	3.68E+04	12.52	31.45	1023.81	23.74	23.74	76.4	9	5.33	7.18	5.02	8.74	6.12	218.9	82.0
49.3995	-126.243	17	17.15	3.68E+04	12.48	31.47	1023.83	23.76	23.76	76.3	8	5.37	7.13	4.99	8.75	6.12	217.4	81.4
49.3995	-126.243	18	18.152	3.67E+04	12.42	31.48	1023.86	23.78	23.78	76.4	7	5.29	7.06	4.94	8.76	6.13	215.4	80.5
49.3995	-126.243	19	19.161	3.67E+04	12.39	31.49	1023.88	23.79	23.79	76.2	6	5.57	7.02	4.91	8.77	6.13	214.2	80.0
49.3995	-126.243	20	20.176	3.67E+04	12.38	31.49	1023.89	23.80	23.80	75.9	5	5.58	6.99	4.89	8.77	6.14	213.3	79.7
49.3995	-126.243	21	21.178	3.67E+04	12.34	31.51	1023.91	23.81	23.81	75.9	4	5.66	6.96	4.87	8.77	6.14	212.0	79.2
49.3995	-126.243	22	22.19	3.67E+04	12.28	31.53	1023.94	23.84	23.84	76.0	4	5.14	6.89	4.82	8.79	6.15	209.9	78.3
49.3995	-126.243	23	23.202	3.66E+04	12.19	31.56	1023.99	23.88	23.88	76.2	3	5.09	6.81	4.76	8.80	6.16	207.5	77.2
49.3995	-126.243	24	24.206	3.66E+04	12.11	31.59	1024.04	23.93	23.93	76.4	3	4.61	6.75	4.72	8.81	6.17	206.0	76.6
49.3995	-126.243	25	25.214	3.66E+04	12.08	31.60	1024.05	23.94	23.94	76.7	2	4.69	6.72	4.70	8.82	6.17	204.1	75.8
49.3995	-126.243	26	26.223	3.64E+04	11.84	31.67	1024.15	24.03	24.03	76.9	2	4.10	6.49	4.54	8.86	6.20	197.8	73.1
49.3995	-126.243	27	27.231	3.64E+04	11.73	31.70	1024.20	24.07	24.07	77.2	2	3.44	6.31	4.42	8.88	6.21	192.5	71.0
49.3995	-126.243	28	28.235	3.63E+04	11.67	31.71	1024.22	24.09	24.09	77.5	2	3.40	6.22	4.36	8.89	6.22	189.8	70.0
49.3995	-126.243	29	29.25	3.63E+04	11.64	31.72	1024.24	24.11	24.11	77.5	2	3.40	6.16	4.31	8.90	6.23	187.9	69.2
49.3995	-126.243	30	30.257	3.63E+04	11.59	31.73	1024.26	24.12	24.12	77.6	2	3.30	6.11	4.28	8.90	6.23	186.4	68.6
49.3995	-126.243	31	31.263	3.63E+04	11.56	31.74	1024.28	24.14	24.13	77.3	2	3.23	6.06	4.24	8.91	6.23	184.9	68.0
49.3995	-126.243	32	32.273	3.62E+04	11.53	31.74	1024.29	24.15	24.15	77.6	2	3.16	6.01	4.20	8.92	6.24	183.1	67.3
49.3995	-126.243	33	33.286	3.62E+04	11.46	31.76	1024.32	24.17	24.17	77.7	1	3.10	5.95	4.16	8.93	6.25	181.3	66.6
49.3995	-126.243	34	34.294	3.62E+04	11.43	31.77	1024.34	24.19	24.19	77.7	1	3.09	5.89	4.12	8.93	6.25	179.6	65.9
49.3995	-126.243	35	35.3	3.62E+04	11.38	31.78	1024.36	24.21	24.21	77.6	1	2.90	5.84	4.09	8.94	6.26	178.1	65.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.3995	-126.243	36	36.315	3.61E+04	11.36	31.79	1024.38	24.21	24.21	78.0	1	2.77	5.80	4.06	8.95	6.26	177.1	64.9
49.3995	-126.243	37	37.32	3.61E+04	11.35	31.79	1024.39	24.22	24.22	78.2	1	2.67	5.78	4.05	8.95	6.26	176.4	64.6
49.3995	-126.243	38	38.332	3.61E+04	11.34	31.79	1024.39	24.22	24.22	78.2	1	2.69	5.77	4.03	8.95	6.26	175.9	64.4
49.3995	-126.243	39	39.336	3.61E+04	11.33	31.80	1024.40	24.23	24.22	78.4	1	2.64	5.74	4.02	8.95	6.26	175.1	64.1
49.3995	-126.243	40	40.347	3.61E+04	11.30	31.80	1024.42	24.23	24.23	78.5	1	2.53	5.71	4.00	8.96	6.27	174.2	63.7
49.3995	-126.243	41	41.36	3.61E+04	11.27	31.81	1024.43	24.24	24.24	78.6	1	2.46	5.66	3.96	8.96	6.27	172.7	63.2
49.3995	-126.243	42	42.365	3.61E+04	11.24	31.81	1024.44	24.25	24.25	78.6	1	2.33	5.61	3.92	8.97	6.27	171.1	62.5
49.3995	-126.243	43	43.374	3.61E+04	11.24	31.81	1024.45	24.25	24.25	78.8	1	2.25	5.57	3.90	8.97	6.28	169.9	62.1
49.3995	-126.243	44	44.385	3.60E+04	11.21	31.82	1024.46	24.26	24.26	78.8	1	2.13	5.51	3.86	8.97	6.28	168.1	61.4
49.3995	-126.243	45	45.392	3.60E+04	11.19	31.82	1024.47	24.27	24.27	79.0	1	2.05	5.46	3.82	8.98	6.28	166.6	60.8
49.3995	-126.243	46	46.4	3.60E+04	11.19	31.82	1024.48	24.27	24.27	78.9	1	2.01	5.44	3.81	8.98	6.28	166.0	60.6
49.3995	-126.243	47	47.411	3.60E+04	11.18	31.82	1024.48	24.27	24.27	79.1	1	1.95	5.42	3.80	8.98	6.28	165.5	60.4
49.3995	-126.243	48	48.419	3.60E+04	11.18	31.82	1024.49	24.27	24.27	79.1	1	2.01	5.41	3.79	8.98	6.28	165.2	60.3
49.3995	-126.243	49	49.425	3.60E+04	11.18	31.82	1024.49	24.27	24.27	79.3	1	2.07	5.41	3.79	8.98	6.28	165.2	60.3
49.3995	-126.243	50	50.434	3.60E+04	11.18	31.82	1024.50	24.27	24.27	78.9	1	1.99	5.40	3.78	8.98	6.28	164.8	60.1
49.3995	-126.243	51	51.444	3.60E+04	11.16	31.82	1024.51	24.28	24.27	79.2	1	1.88	5.37	3.76	8.98	6.29	163.8	59.8
49.3995	-126.243	52	52.455	3.60E+04	11.14	31.83	1024.52	24.28	24.28	79.3	1	1.69	5.33	3.73	8.99	6.29	162.5	59.3
49.3995	-126.243	53	53.462	3.60E+04	11.12	31.83	1024.53	24.29	24.29	79.7	1	1.61	5.29	3.70	8.99	6.29	161.3	58.8
49.3995	-126.243	54	54.471	3.60E+04	11.11	31.83	1024.54	24.29	24.29	79.8	1	1.56	5.25	3.67	8.99	6.29	160.0	58.3
49.3995	-126.243	55	55.482	3.59E+04	11.07	31.84	1024.56	24.31	24.30	79.9	1	1.47	5.20	3.64	9.00	6.30	158.6	57.8
49.3995	-126.243	56	56.489	3.59E+04	11.05	31.85	1024.57	24.31	24.31	79.6	1	1.53	5.18	3.62	9.00	6.30	157.9	57.5
49.3995	-126.243	57	57.498	3.59E+04	11.03	31.86	1024.59	24.33	24.33	79.5	1	1.62	5.16	3.61	9.01	6.30	157.1	57.2
49.3995	-126.243	58	58.505	3.59E+04	10.97	31.88	1024.62	24.35	24.35	79.2	1	1.61	5.11	3.58	9.02	6.31	155.9	56.7
49.3995	-126.243	59	59.516	3.59E+04	10.92	31.90	1024.64	24.37	24.37	78.7	1	1.49	5.05	3.53	9.02	6.31	153.8	55.9
49.3995	-126.243	60	60.522	3.58E+04	10.86	31.91	1024.67	24.40	24.40	78.0	1	1.35	4.95	3.46	9.04	6.32	150.9	54.7
49.3995	-126.243	61	61.534	3.58E+04	10.85	31.92	1024.68	24.40	24.40	77.8	1	1.34	4.90	3.43	9.04	6.32	149.2	54.1
49.3995	-126.243	62	62.538	3.58E+04	10.80	31.93	1024.71	24.43	24.42	77.5	1	1.31	4.82	3.38	9.05	6.33	147.1	53.3
49.3995	-126.243	63	63.552	3.58E+04	10.77	31.94	1024.72	24.44	24.44	76.8	1	1.37	4.76	3.33	9.05	6.33	145.3	52.6
49.3995	-126.243	64	64.562	3.58E+04	10.77	31.95	1024.73	24.44	24.44	73.9	1	1.37	4.73	3.31	9.05	6.33	144.2	52.2
49.3995	-126.243	65	65.564	3.58E+04	10.77	31.95	1024.74	24.44	24.44	71.7	1	1.36	4.71	3.30	9.05	6.33	143.8	52.1

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation64 70mzsydney 8/20/05 16:20																		
49.425	-126.243	2	2.26	3.74E+04	14.41	30.51	1022.65	22.64	22.64	60.3	610	16.87	8.88	6.21	8.46	5.92	268.8	104.0
49.425	-126.243	3	3.027	3.73E+04	13.99	30.70	1022.88	22.87	22.87	61.0	405	15.01	8.60	6.01	8.52	5.96	260.8	100.2
49.425	-126.243	4	4.035	3.72E+04	13.65	30.87	1023.09	23.07	23.07	62.2	243	14.95	8.23	5.76	8.57	6.00	250.0	95.5
49.425	-126.243	5	5.04	3.70E+04	13.34	31.01	1023.26	23.24	23.24	63.5	150	10.42	7.91	5.53	8.62	6.03	240.1	91.2
49.425	-126.243	6	6.051	3.69E+04	13.05	31.15	1023.43	23.40	23.40	66.0	96	7.47	7.65	5.35	8.66	6.06	232.4	87.8
49.425	-126.243	7	7.063	3.69E+04	12.79	31.30	1023.60	23.57	23.57	69.4	65	4.70	7.46	5.22	8.70	6.09	227.5	85.6
49.425	-126.243	8	8.067	3.69E+04	12.72	31.34	1023.65	23.61	23.61	74.7	47	4.07	7.37	5.16	8.71	6.10	225.0	84.6
49.425	-126.243	9	9.086	3.68E+04	12.70	31.35	1023.66	23.62	23.62	77.3	37	3.97	7.34	5.14	8.72	6.10	224.0	84.2
49.425	-126.243	10	10.08	3.68E+04	12.69	31.35	1023.67	23.63	23.63	78.2	30	3.90	7.32	5.12	8.72	6.10	223.2	83.8
49.425	-126.243	11	11.096	3.68E+04	12.67	31.36	1023.69	23.64	23.64	78.7	24	3.89	7.29	5.10	8.72	6.10	221.9	83.3
49.425	-126.243	12	12.099	3.68E+04	12.53	31.40	1023.75	23.69	23.69	78.9	20	3.71	7.19	5.03	8.75	6.12	219.0	82.0
49.425	-126.243	13	13.108	3.67E+04	12.45	31.44	1023.80	23.74	23.74	79.2	16	3.11	7.12	4.98	8.76	6.13	216.8	81.1
49.425	-126.243	14	14.122	3.67E+04	12.35	31.47	1023.85	23.78	23.78	79.5	13	2.69	7.04	4.92	8.78	6.14	214.2	80.0
49.425	-126.243	15	15.123	3.66E+04	12.23	31.47	1023.87	23.80	23.80	80.1	11	2.55	6.85	4.80	8.80	6.16	208.7	77.7
49.425	-126.243	16	16.137	3.65E+04	12.11	31.50	1023.92	23.85	23.85	80.7	9	2.16	6.70	4.69	8.82	6.17	204.0	75.8
49.425	-126.243	17	17.146	3.65E+04	12.03	31.53	1023.97	23.89	23.89	81.3	8	2.08	6.58	4.61	8.83	6.18	200.6	74.4
49.425	-126.243	18	18.15	3.64E+04	11.95	31.56	1024.01	23.93	23.93	81.8	7	1.99	6.48	4.53	8.85	6.19	197.5	73.1
49.425	-126.243	19	19.164	3.64E+04	11.88	31.59	1024.05	23.97	23.96	82.0	6	1.87	6.43	4.50	8.86	6.20	196.2	72.6
49.425	-126.243	20	20.174	3.64E+04	11.89	31.60	1024.06	23.97	23.97	82.1	5	1.93	6.42	4.49	8.86	6.20	195.4	72.3
49.425	-126.243	21	21.179	3.63E+04	11.76	31.65	1024.13	24.04	24.04	82.3	5	1.99	6.34	4.44	8.88	6.21	193.5	71.4
49.425	-126.243	22	22.189	3.63E+04	11.74	31.66	1024.14	24.04	24.04	82.3	4	1.91	6.30	4.41	8.88	6.21	192.1	70.9
49.425	-126.243	23	23.201	3.63E+04	11.73	31.66	1024.15	24.05	24.05	82.2	4	1.85	6.27	4.39	8.88	6.21	191.3	70.6
49.425	-126.243	24	24.208	3.63E+04	11.72	31.66	1024.16	24.05	24.05	82.2	3	1.82	6.25	4.37	8.88	6.22	190.6	70.3
49.425	-126.243	25	25.219	3.63E+04	11.70	31.67	1024.17	24.06	24.06	82.2	3	1.89	6.24	4.37	8.89	6.22	190.2	70.2
49.425	-126.243	26	26.221	3.63E+04	11.68	31.68	1024.19	24.07	24.07	82.1	3	1.85	6.24	4.36	8.89	6.22	189.9	70.0
49.425	-126.243	27	27.226	3.62E+04	11.58	31.70	1024.23	24.11	24.11	82.3	3	1.75	6.12	4.28	8.91	6.23	186.2	68.5
49.425	-126.243	28	28.237	3.62E+04	11.47	31.73	1024.27	24.15	24.15	82.3	2	1.65	5.97	4.18	8.93	6.25	182.1	66.8
49.425	-126.243	29	29.244	3.61E+04	11.43	31.74	1024.29	24.16	24.16	82.3	2	1.64	5.86	4.10	8.94	6.25	178.5	65.5
49.425	-126.243	30	30.258	3.61E+04	11.39	31.74	1024.31	24.17	24.17	82.6	2	1.66	5.77	4.04	8.94	6.26	175.8	64.4
49.425	-126.243	31	31.269	3.61E+04	11.36	31.75	1024.32	24.18	24.18	82.7	2	1.59	5.68	3.97	8.95	6.26	173.2	63.4
49.425	-126.243	32	32.28	3.61E+04	11.34	31.75	1024.33	24.18	24.18	82.4	2	1.52	5.60	3.92	8.95	6.26	170.7	62.5
49.425	-126.243	33	33.286	3.61E+04	11.31	31.75	1024.34	24.19	24.19	82.7	2	1.57	5.50	3.85	8.96	6.27	167.7	61.4
49.425	-126.243	34	34.298	3.60E+04	11.26	31.75	1024.35	24.20	24.20	82.7	2	1.61	5.37	3.76	8.97	6.27	163.7	59.8
49.425	-126.243	35	35.303	3.60E+04	11.22	31.76	1024.37	24.21	24.21	82.8	2	1.47	5.27	3.69	8.97	6.28	160.6	58.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.425	-126.243	36	36.311	3.60E+04	11.21	31.76	1024.38	24.22	24.22	83.2	2	1.39	5.21	3.64	8.98	6.28	158.7	58.0
49.425	-126.243	37	37.323	3.60E+04	11.17	31.77	1024.40	24.23	24.23	83.2	2	1.43	5.14	3.60	8.98	6.29	156.8	57.2
49.425	-126.243	38	38.328	3.59E+04	11.13	31.78	1024.42	24.25	24.25	83.3	2	1.33	5.07	3.55	8.99	6.29	154.6	56.4
49.425	-126.243	39	39.336	3.59E+04	11.10	31.79	1024.44	24.26	24.26	83.1	2	1.31	5.00	3.50	9.00	6.29	152.6	55.6
49.425	-126.243	40	40.346	3.59E+04	11.09	31.79	1024.45	24.27	24.26	83.3	1	1.37	4.97	3.48	9.00	6.30	151.5	55.2
49.425	-126.243	41	41.361	3.59E+04	11.07	31.80	1024.46	24.27	24.27	83.3	1	1.30	4.93	3.45	9.00	6.30	150.3	54.7
49.425	-126.243	42	42.36	3.59E+04	11.07	31.80	1024.47	24.28	24.27	83.2	1	1.29	4.93	3.45	9.00	6.30	150.4	54.7
49.425	-126.243	43	43.375	3.59E+04	11.02	31.83	1024.50	24.31	24.31	83.1	1	1.36	4.97	3.48	9.01	6.30	151.5	55.1
49.425	-126.243	44	44.392	3.59E+04	10.96	31.87	1024.55	24.35	24.35	83.0	1	1.45	4.98	3.48	9.02	6.31	151.5	55.1
49.425	-126.243	45	45.39	3.58E+04	10.84	31.90	1024.60	24.39	24.39	82.4	1	1.29	4.86	3.40	9.04	6.33	148.3	53.8
49.425	-126.243	46	46.4	3.58E+04	10.81	31.92	1024.62	24.41	24.41	81.0	1	1.27	4.82	3.37	9.04	6.33	146.9	53.2
49.425	-126.243	47	47.412	3.58E+04	10.81	31.92	1024.63	24.41	24.41	79.5	1	1.26	4.80	3.36	9.05	6.33	146.3	53.0
49.425	-126.243	48	48.409	3.58E+04	10.81	31.92	1024.63	24.41	24.41	79.4	1	1.29	4.79	3.35	9.05	6.33	146.0	52.9
49.425	-126.243	49	49.421	3.58E+04	10.80	31.92	1024.64	24.42	24.42	78.3	1	1.23	4.77	3.34	9.05	6.33	145.5	52.7
49.425	-126.243	50	50.434	3.58E+04	10.80	31.92	1024.65	24.42	24.42	78.0	1	1.25	4.76	3.33	9.05	6.33	145.1	52.6
49.425	-126.243	51	51.448	3.58E+04	10.79	31.92	1024.65	24.42	24.42	77.6	1	1.23	4.75	3.32	9.05	6.33	144.8	52.5
49.425	-126.243	52	52.44	3.58E+04	10.79	31.92	1024.65	24.42	24.42	77.5	1	1.34	4.74	3.32	9.05	6.33	144.6	52.4
49.425	-126.243	53	53.45	3.58E+04	10.79	31.92	1024.66	24.42	24.42	77.5	1	1.24	4.74	3.32	9.05	6.33	144.7	52.4
49.425	-126.243	54	54.464	3.58E+04	10.80	31.93	1024.66	24.42	24.42	77.3	1	1.25	4.77	3.34	9.05	6.33	145.5	52.7
49.425	-126.243	55	55.478	3.58E+04	10.81	31.93	1024.67	24.42	24.42	77.4	1	1.32	4.80	3.36	9.05	6.33	146.2	53.0
49.425	-126.243	56	56.497	3.58E+04	10.78	31.93	1024.68	24.43	24.42	77.3	1	1.27	4.76	3.33	9.05	6.33	145.0	52.5
49.425	-126.243	57	57.505	3.58E+04	10.76	31.93	1024.69	24.43	24.43	77.0	1	1.20	4.71	3.30	9.05	6.34	143.7	52.0
49.425	-126.243	58	58.513	3.58E+04	10.76	31.93	1024.70	24.43	24.43	76.9	1	1.16	4.68	3.27	9.05	6.34	142.7	51.6
49.425	-126.243	59	59.513	3.57E+04	10.73	31.94	1024.71	24.44	24.44	77.0	1	1.13	4.63	3.24	9.06	6.34	141.2	51.1
49.425	-126.243	60	60.523	3.57E+04	10.71	31.94	1024.72	24.45	24.45	76.9	1	1.09	4.59	3.21	9.06	6.34	139.9	50.6
49.425	-126.243	61	61.535	3.57E+04	10.70	31.95	1024.73	24.45	24.45	77.4	1	1.05	4.56	3.19	9.07	6.34	139.0	50.3
49.425	-126.243	62	62.538	3.57E+04	10.68	31.96	1024.75	24.46	24.46	77.1	1	1.09	4.53	3.17	9.07	6.35	138.3	50.0
49.425	-126.243	63	63.546	3.57E+04	10.66	31.97	1024.76	24.47	24.47	77.5	1	1.12	4.50	3.15	9.07	6.35	137.2	49.6
49.425	-126.243	64	64.56	3.57E+04	10.65	31.97	1024.77	24.48	24.48	76.7	1	1.13	4.45	3.12	9.07	6.35	135.8	49.1
49.425	-126.243	65	65.489	3.57E+04	10.62	31.98	1024.79	24.49	24.49	76.7	1	1.09	4.43	3.10	9.08	6.35	135.0	48.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation65sydney90mz8/20/05 16:40																		
49.43783	-126.259	2	2.264	3.69E+04	13.29	30.96	1023.22	23.21	23.21	61.8	584	9.12	8.23	5.76	8.63	6.04	248.9	94.5
49.43783	-126.259	3	3.027	3.68E+04	12.79	31.24	1023.54	23.52	23.52	65.9	398	4.93	7.82	5.47	8.71	6.09	237.8	89.5
49.43783	-126.259	4	4.032	3.67E+04	12.64	31.27	1023.59	23.57	23.57	71.9	247	3.37	7.48	5.24	8.73	6.11	227.8	85.5
49.43783	-126.259	5	5.045	3.66E+04	12.53	31.29	1023.63	23.61	23.61	75.6	163	2.99	7.32	5.12	8.75	6.12	223.3	83.6
49.43783	-126.259	6	6.051	3.66E+04	12.52	31.29	1023.64	23.61	23.61	78.5	119	2.98	7.23	5.06	8.75	6.13	220.7	82.6
49.43783	-126.259	7	7.061	3.66E+04	12.51	31.29	1023.65	23.62	23.62	79.8	96	2.83	7.17	5.02	8.76	6.13	218.7	81.8
49.43783	-126.259	8	8.07	3.66E+04	12.48	31.31	1023.67	23.64	23.64	80.3	78	2.72	7.10	4.97	8.76	6.13	216.5	81.0
49.43783	-126.259	9	9.077	3.66E+04	12.43	31.37	1023.73	23.69	23.69	80.7	63	2.50	7.03	4.92	8.77	6.13	214.6	80.2
49.43783	-126.259	10	10.088	3.66E+04	12.42	31.38	1023.75	23.70	23.70	80.9	51	2.42	7.00	4.90	8.77	6.13	212.8	79.5
49.43783	-126.259	11	11.091	3.66E+04	12.27	31.44	1023.82	23.78	23.77	81.1	42	2.18	6.86	4.80	8.79	6.15	208.7	77.8
49.43783	-126.259	12	12.107	3.65E+04	12.10	31.51	1023.92	23.86	23.86	81.4	35	1.86	6.71	4.69	8.82	6.17	204.5	76.0
49.43783	-126.259	13	13.111	3.65E+04	12.06	31.52	1023.94	23.88	23.88	81.8	29	1.71	6.61	4.63	8.83	6.18	201.4	74.8
49.43783	-126.259	14	14.121	3.64E+04	11.97	31.54	1023.97	23.91	23.91	82.2	25	1.70	6.47	4.53	8.84	6.19	197.1	73.0
49.43783	-126.259	15	15.131	3.63E+04	11.85	31.56	1024.02	23.95	23.95	82.4	21	1.65	6.28	4.39	8.86	6.20	191.3	70.7
49.43783	-126.259	16	16.14	3.63E+04	11.77	31.60	1024.06	23.99	23.99	82.7	18	1.56	6.15	4.30	8.88	6.21	187.4	69.2
49.43783	-126.259	17	17.146	3.63E+04	11.71	31.63	1024.10	24.03	24.03	82.9	16	1.49	6.11	4.27	8.89	6.22	186.3	68.7
49.43783	-126.259	18	18.154	3.63E+04	11.69	31.64	1024.12	24.04	24.04	82.9	14	1.53	6.10	4.27	8.89	6.22	186.2	68.6
49.43783	-126.259	19	19.164	3.63E+04	11.68	31.65	1024.13	24.05	24.05	82.9	12	1.48	6.09	4.26	8.89	6.22	185.7	68.4
49.43783	-126.259	20	20.17	3.62E+04	11.63	31.66	1024.15	24.06	24.06	82.8	10	1.50	6.03	4.22	8.90	6.23	183.8	67.7
49.43783	-126.259	21	21.179	3.62E+04	11.54	31.69	1024.20	24.10	24.10	83.0	9	1.45	5.93	4.15	8.92	6.24	180.8	66.5
49.43783	-126.259	22	22.188	3.61E+04	11.48	31.70	1024.22	24.12	24.12	83.2	8	1.42	5.81	4.07	8.93	6.25	177.2	65.1
49.43783	-126.259	23	23.194	3.61E+04	11.47	31.70	1024.23	24.13	24.13	83.2	7	1.38	5.74	4.02	8.93	6.25	175.1	64.2
49.43783	-126.259	24	24.204	3.61E+04	11.43	31.70	1024.24	24.13	24.13	83.1	6	1.39	5.63	3.94	8.94	6.25	171.7	63.0
49.43783	-126.259	25	25.215	3.61E+04	11.41	31.70	1024.25	24.14	24.13	83.3	6	1.35	5.54	3.88	8.94	6.26	169.0	62.0
49.43783	-126.259	26	26.224	3.61E+04	11.40	31.70	1024.26	24.14	24.14	83.4	5	1.34	5.49	3.84	8.94	6.26	167.6	61.4
49.43783	-126.259	27	27.236	3.61E+04	11.39	31.70	1024.26	24.14	24.14	83.3	5	1.32	5.46	3.82	8.94	6.26	166.3	60.9
49.43783	-126.259	28	28.242	3.60E+04	11.31	31.72	1024.29	24.17	24.17	83.5	4	1.33	5.31	3.72	8.96	6.27	161.8	59.2
49.43783	-126.259	29	29.251	3.60E+04	11.22	31.74	1024.33	24.20	24.20	83.5	4	1.26	5.16	3.61	8.97	6.28	157.2	57.4
49.43783	-126.259	30	30.261	3.59E+04	11.18	31.75	1024.35	24.21	24.21	83.5	4	1.27	5.05	3.54	8.98	6.29	154.0	56.2
49.43783	-126.259	31	31.268	3.59E+04	11.15	31.75	1024.36	24.22	24.22	83.6	3	1.23	4.95	3.47	8.99	6.29	150.9	55.0
49.43783	-126.259	32	32.278	3.59E+04	11.09	31.76	1024.38	24.24	24.24	83.6	3	1.21	4.82	3.37	9.00	6.30	146.8	53.5
49.43783	-126.259	33	33.288	3.58E+04	11.05	31.77	1024.40	24.25	24.25	83.5	3	1.22	4.71	3.29	9.01	6.30	143.5	52.2
49.43783	-126.259	34	34.296	3.58E+04	11.03	31.78	1024.42	24.26	24.26	83.4	3	1.15	4.66	3.26	9.01	6.30	142.2	51.7
49.43783	-126.259	35	35.309	3.58E+04	11.02	31.78	1024.43	24.27	24.27	83.3	2	1.13	4.64	3.25	9.01	6.31	141.4	51.4

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.43783	-126.259	36	36.311	3.58E+04	10.98	31.80	1024.45	24.29	24.29	83.4	2	1.14	4.59	3.21	9.02	6.31	140.1	50.9
49.43783	-126.259	37	37.321	3.58E+04	10.95	31.81	1024.47	24.30	24.30	83.4	2	1.09	4.54	3.18	9.02	6.31	138.5	50.3
49.43783	-126.259	38	38.326	3.58E+04	10.93	31.82	1024.48	24.31	24.31	83.5	2	1.08	4.49	3.14	9.03	6.32	137.0	49.7
49.43783	-126.259	39	39.338	3.58E+04	10.92	31.82	1024.49	24.31	24.31	83.7	2	1.03	4.45	3.11	9.03	6.32	135.6	49.2
49.43783	-126.259	40	40.343	3.58E+04	10.90	31.83	1024.51	24.32	24.32	83.8	2	1.03	4.41	3.09	9.03	6.32	134.5	48.8
49.43783	-126.259	41	41.358	3.58E+04	10.85	31.85	1024.54	24.35	24.35	83.8	2	0.97	4.41	3.08	9.04	6.33	134.3	48.7
49.43783	-126.259	42	42.372	3.58E+04	10.83	31.86	1024.56	24.37	24.36	83.8	2	1.01	4.42	3.09	9.05	6.33	134.7	48.8
49.43783	-126.259	43	43.373	3.57E+04	10.82	31.87	1024.56	24.37	24.37	83.8	2	0.97	4.43	3.10	9.05	6.33	135.0	48.9
49.43783	-126.259	44	44.381	3.57E+04	10.81	31.87	1024.57	24.37	24.37	83.7	2	0.98	4.43	3.10	9.05	6.33	135.2	49.0
49.43783	-126.259	45	45.393	3.57E+04	10.80	31.88	1024.59	24.38	24.38	83.6	2	0.95	4.44	3.11	9.05	6.33	135.4	49.1
49.43783	-126.259	46	46.407	3.57E+04	10.79	31.88	1024.59	24.38	24.38	83.5	2	0.96	4.44	3.11	9.05	6.33	135.4	49.1
49.43783	-126.259	47	47.408	3.57E+04	10.79	31.88	1024.60	24.39	24.39	83.5	2	0.93	4.44	3.11	9.05	6.33	135.5	49.1
49.43783	-126.259	48	48.418	3.57E+04	10.78	31.89	1024.61	24.39	24.39	83.5	2	0.95	4.45	3.11	9.05	6.33	135.6	49.1
49.43783	-126.259	49	49.42	3.57E+04	10.77	31.89	1024.62	24.40	24.39	83.3	2	0.93	4.46	3.12	9.05	6.34	136.0	49.2
49.43783	-126.259	50	50.442	3.57E+04	10.76	31.90	1024.63	24.40	24.40	83.6	1	0.93	4.47	3.13	9.06	6.34	136.3	49.3
49.43783	-126.259	51	51.448	3.57E+04	10.75	31.90	1024.64	24.41	24.41	83.5	1	0.97	4.48	3.13	9.06	6.34	136.6	49.4
49.43783	-126.259	52	52.454	3.57E+04	10.74	31.91	1024.65	24.41	24.41	83.4	1	0.93	4.48	3.13	9.06	6.34	136.6	49.4
49.43783	-126.259	53	53.463	3.57E+04	10.74	31.91	1024.65	24.41	24.41	83.3	1	0.92	4.48	3.13	9.06	6.34	136.6	49.4
49.43783	-126.259	54	54.47	3.57E+04	10.74	31.91	1024.66	24.41	24.41	83.3	1	0.95	4.48	3.14	9.06	6.34	136.7	49.5
49.43783	-126.259	55	55.481	3.57E+04	10.74	31.91	1024.67	24.42	24.42	83.3	1	0.93	4.48	3.14	9.06	6.34	136.7	49.5
49.43783	-126.259	56	56.489	3.57E+04	10.73	31.92	1024.68	24.42	24.42	83.3	1	0.93	4.49	3.14	9.06	6.34	136.8	49.5
49.43783	-126.259	57	57.499	3.57E+04	10.72	31.92	1024.69	24.43	24.43	83.2	1	0.91	4.49	3.14	9.06	6.34	137.0	49.6
49.43783	-126.259	58	58.506	3.57E+04	10.70	31.93	1024.70	24.44	24.43	83.2	1	0.95	4.49	3.14	9.07	6.34	136.9	49.5
49.43783	-126.259	59	59.515	3.57E+04	10.69	31.93	1024.71	24.44	24.44	83.0	1	0.91	4.49	3.14	9.07	6.35	136.9	49.5
49.43783	-126.259	60	60.525	3.57E+04	10.68	31.94	1024.72	24.45	24.45	82.8	1	0.92	4.49	3.14	9.07	6.35	136.9	49.5
49.43783	-126.259	61	61.534	3.57E+04	10.68	31.94	1024.73	24.45	24.45	82.7	1	0.92	4.49	3.14	9.07	6.35	136.9	49.5
49.43783	-126.259	62	62.54	3.57E+04	10.67	31.94	1024.74	24.45	24.45	82.6	1	0.93	4.49	3.14	9.07	6.35	136.8	49.4
49.43783	-126.259	63	63.551	3.57E+04	10.65	31.95	1024.75	24.46	24.46	82.6	1	0.92	4.48	3.14	9.07	6.35	136.7	49.4
49.43783	-126.259	64	64.56	3.57E+04	10.64	31.96	1024.76	24.47	24.47	82.4	1	0.93	4.48	3.14	9.08	6.35	136.6	49.3
49.43783	-126.259	65	65.568	3.57E+04	10.63	31.96	1024.77	24.48	24.48	82.3	1	0.92	4.47	3.13	9.08	6.35	136.4	49.3
49.43783	-126.259	66	66.569	3.57E+04	10.62	31.97	1024.78	24.48	24.48	82.2	1	0.92	4.47	3.13	9.08	6.35	136.2	49.2
49.43783	-126.259	67	67.588	3.57E+04	10.62	31.97	1024.79	24.48	24.48	82.1	1	0.91	4.47	3.12	9.08	6.35	136.2	49.2
49.43783	-126.259	68	68.595	3.57E+04	10.61	31.97	1024.80	24.49	24.49	82.0	1	0.92	4.46	3.12	9.08	6.35	136.0	49.1
49.43783	-126.259	69	69.606	3.57E+04	10.60	31.98	1024.81	24.49	24.49	82.0	1	0.89	4.45	3.12	9.08	6.36	135.8	49.0
49.43783	-126.259	70	70.613	3.57E+04	10.59	31.98	1024.82	24.50	24.50	82.0	1	0.87	4.45	3.11	9.09	6.36	135.6	48.9
49.43783	-126.259	71	71.619	3.57E+04	10.58	31.99	1024.83	24.51	24.50	81.8	1	0.90	4.44	3.11	9.09	6.36	135.4	48.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.43783	-126.259	72	72.631	3.57E+04	10.57	31.99	1024.84	24.51	24.51	81.7	1	0.92	4.43	3.10	9.09	6.36	135.2	48.7
49.43783	-126.259	73	73.639	3.57E+04	10.56	32.00	1024.85	24.52	24.52	81.6	1	0.91	4.42	3.09	9.09	6.36	134.8	48.6
49.43783	-126.259	74	74.65	3.57E+04	10.53	32.01	1024.87	24.53	24.53	81.4	1	0.92	4.40	3.08	9.10	6.36	134.3	48.4
49.43783	-126.259	75	75.66	3.57E+04	10.53	32.01	1024.88	24.53	24.53	81.1	1	0.91	4.39	3.07	9.10	6.37	134.0	48.3
49.43783	-126.259	76	76.668	3.57E+04	10.53	32.01	1024.88	24.53	24.53	81.0	1	0.91	4.39	3.07	9.10	6.37	133.9	48.3
49.43783	-126.259	77	77.676	3.56E+04	10.51	32.02	1024.89	24.54	24.54	81.1	1	0.90	4.38	3.07	9.10	6.37	133.6	48.1
49.43783	-126.259	78	78.687	3.56E+04	10.50	32.03	1024.90	24.55	24.55	81.0	1	0.91	4.37	3.05	9.10	6.37	133.1	48.0
49.43783	-126.259	79	79.689	3.56E+04	10.49	32.03	1024.91	24.55	24.55	80.6	1	0.89	4.36	3.05	9.10	6.37	132.8	47.8
49.43783	-126.259	80	80.703	3.56E+04	10.48	32.04	1024.92	24.56	24.56	80.3	1	0.92	4.33	3.03	9.10	6.37	132.1	47.6
49.43783	-126.259	81	81.712	3.56E+04	10.44	32.05	1024.95	24.58	24.58	80.1	1	0.93	4.29	3.00	9.11	6.37	130.9	47.1
49.43783	-126.259	82	82.72	3.56E+04	10.43	32.06	1024.96	24.59	24.59	79.3	1	0.92	4.26	2.98	9.11	6.38	130.0	46.8
49.43783	-126.259	83	83.687	3.56E+04	10.43	32.06	1024.97	24.59	24.59	78.5	1	0.90	4.25	2.97	9.11	6.38	129.5	46.6

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation66sydney125m8/20/05 17:17																		
49.4525	-126.271	2	2.209	3.79E+04	16.08	29.66	1021.64	21.63	21.63	56.0	668	12.99	9.63	6.74	8.22	5.75	290.2	115.4
49.4525	-126.271	3	3.021	3.77E+04	15.43	29.98	1022.03	22.01	22.01	56.5	441	13.40	9.47	6.62	8.31	5.81	285.0	112.2
49.4525	-126.271	4	4.032	3.74E+04	14.60	30.34	1022.48	22.46	22.46	57.7	265	14.74	8.99	6.29	8.43	5.90	267.9	104.0
49.4525	-126.271	5	5.042	3.69E+04	13.14	31.03	1023.31	23.29	23.29	60.1	165	9.25	8.16	5.71	8.65	6.06	247.9	93.8
49.4525	-126.271	6	6.05	3.68E+04	12.89	31.14	1023.45	23.43	23.43	66.6	106	5.16	7.76	5.43	8.69	6.08	236.1	89.0
49.4525	-126.271	7	7.059	3.67E+04	12.72	31.23	1023.56	23.53	23.53	75.1	71	3.74	7.47	5.23	8.72	6.10	227.1	85.3
49.4525	-126.271	8	8.065	3.66E+04	12.50	31.28	1023.65	23.61	23.61	78.7	52	2.90	7.25	5.07	8.76	6.13	220.8	82.6
49.4525	-126.271	9	9.079	3.65E+04	12.40	31.29	1023.68	23.64	23.64	80.3	41	2.64	7.11	4.98	8.78	6.14	216.9	81.0
49.4525	-126.271	10	10.083	3.65E+04	12.35	31.32	1023.71	23.67	23.67	80.8	34	2.53	7.02	4.91	8.78	6.15	213.7	79.7
49.4525	-126.271	11	11.093	3.64E+04	12.24	31.35	1023.77	23.72	23.72	81.2	28	2.32	6.89	4.82	8.80	6.16	210.1	78.2
49.4525	-126.271	12	12.104	3.64E+04	12.17	31.35	1023.78	23.73	23.73	81.7	23	2.05	6.80	4.76	8.82	6.17	207.5	77.1
49.4525	-126.271	13	13.114	3.64E+04	12.16	31.39	1023.81	23.76	23.76	82.1	19	1.96	6.72	4.70	8.82	6.17	205.1	76.2
49.4525	-126.271	14	14.121	3.64E+04	12.14	31.41	1023.84	23.78	23.78	82.4	16	1.86	6.65	4.65	8.82	6.17	202.9	75.4
49.4525	-126.271	15	15.126	3.64E+04	12.11	31.42	1023.86	23.79	23.79	82.3	14	1.87	6.61	4.62	8.82	6.17	201.3	74.7
49.4525	-126.271	16	16.136	3.64E+04	12.04	31.44	1023.89	23.82	23.82	82.4	12	1.84	6.50	4.55	8.83	6.18	198.1	73.5
49.4525	-126.271	17	17.147	3.63E+04	11.98	31.47	1023.93	23.85	23.85	82.5	10	1.76	6.39	4.47	8.85	6.19	194.5	72.0
49.4525	-126.271	18	18.152	3.63E+04	11.87	31.48	1023.96	23.88	23.88	82.6	9	1.81	6.24	4.36	8.86	6.20	189.9	70.2
49.4525	-126.271	19	19.163	3.62E+04	11.77	31.51	1024.01	23.92	23.92	82.8	8	1.71	6.03	4.22	8.88	6.22	183.7	67.7
49.4525	-126.271	20	20.168	3.61E+04	11.64	31.55	1024.07	23.98	23.98	83.0	7	1.64	5.79	4.05	8.90	6.23	176.2	64.8
49.4525	-126.271	21	21.179	3.61E+04	11.51	31.60	1024.13	24.04	24.04	83.1	6	1.58	5.54	3.87	8.93	6.25	168.9	62.0
49.4525	-126.271	22	22.188	3.61E+04	11.50	31.64	1024.18	24.08	24.08	83.4	6	1.49	5.53	3.87	8.93	6.25	168.7	61.9
49.4525	-126.271	23	23.196	3.61E+04	11.52	31.66	1024.19	24.08	24.08	83.5	5	1.44	5.58	3.91	8.92	6.24	170.3	62.5
49.4525	-126.271	24	24.209	3.61E+04	11.49	31.66	1024.20	24.09	24.09	83.4	4	1.44	5.55	3.88	8.93	6.25	169.2	62.1
49.4525	-126.271	25	25.216	3.61E+04	11.46	31.67	1024.21	24.10	24.10	83.4	4	1.44	5.48	3.83	8.93	6.25	166.9	61.2
49.4525	-126.271	26	26.223	3.61E+04	11.42	31.67	1024.22	24.11	24.11	83.4	4	1.48	5.36	3.75	8.94	6.26	163.2	59.8
49.4525	-126.271	27	27.237	3.60E+04	11.34	31.67	1024.25	24.12	24.12	83.6	3	1.43	5.14	3.60	8.96	6.27	156.8	57.4
49.4525	-126.271	28	28.242	3.60E+04	11.30	31.67	1024.26	24.14	24.13	83.6	3	1.39	4.98	3.49	8.96	6.27	151.5	55.4
49.4525	-126.271	29	29.254	3.59E+04	11.17	31.70	1024.31	24.18	24.18	83.7	3	1.37	4.68	3.28	8.99	6.29	142.4	51.9
49.4525	-126.271	30	30.258	3.58E+04	11.04	31.72	1024.35	24.21	24.21	83.8	3	1.33	4.27	2.99	9.01	6.31	130.2	47.3
49.4525	-126.271	31	31.264	3.57E+04	10.97	31.73	1024.38	24.23	24.23	83.9	3	1.33	3.96	2.77	9.03	6.32	120.8	43.9
49.4525	-126.271	32	32.279	3.58E+04	10.98	31.76	1024.40	24.26	24.26	84.0	2	1.22	4.01	2.81	9.02	6.31	122.4	44.5
49.4525	-126.271	33	33.287	3.58E+04	10.96	31.77	1024.42	24.27	24.27	84.0	2	1.14	4.02	2.81	9.02	6.31	122.6	44.5
49.4525	-126.271	34	34.291	3.58E+04	10.95	31.78	1024.43	24.28	24.28	84.0	2	1.12	4.02	2.81	9.03	6.32	122.5	44.5
49.4525	-126.271	35	35.298	3.58E+04	10.93	31.79	1024.45	24.29	24.29	84.2	2	1.09	4.03	2.82	9.03	6.32	122.7	44.6

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.4525	-126.271	36	36.311	3.58E+04	10.91	31.80	1024.47	24.30	24.30	84.2	2	1.09	4.01	2.81	9.03	6.32	122.3	44.4
49.4525	-126.271	37	37.319	3.58E+04	10.89	31.82	1024.49	24.32	24.32	84.2	2	1.02	4.01	2.80	9.04	6.32	122.2	44.3
49.4525	-126.271	38	38.331	3.58E+04	10.88	31.83	1024.51	24.33	24.33	84.3	2	0.92	4.06	2.84	9.04	6.32	123.7	44.9
49.4525	-126.271	39	39.334	3.58E+04	10.87	31.84	1024.51	24.34	24.34	84.2	2	0.90	4.08	2.86	9.04	6.33	124.5	45.2
49.4525	-126.271	40	40.347	3.57E+04	10.84	31.85	1024.53	24.35	24.35	84.1	2	0.93	4.15	2.90	9.04	6.33	126.5	45.9
49.4525	-126.271	41	41.359	3.57E+04	10.82	31.86	1024.55	24.36	24.36	84.2	2	0.91	4.23	2.96	9.05	6.33	129.0	46.8
49.4525	-126.271	42	42.362	3.57E+04	10.82	31.86	1024.56	24.37	24.36	84.2	2	0.91	4.29	3.00	9.05	6.33	130.8	47.4
49.4525	-126.271	43	43.359	3.57E+04	10.80	31.87	1024.57	24.38	24.37	84.2	2	0.92	4.34	3.04	9.05	6.33	132.3	47.9
49.4525	-126.271	44	44.38	3.57E+04	10.77	31.89	1024.59	24.39	24.39	84.2	2	0.92	4.38	3.06	9.06	6.34	133.5	48.3
49.4525	-126.271	45	45.395	3.57E+04	10.76	31.89	1024.61	24.40	24.40	84.1	2	0.88	4.46	3.12	9.06	6.34	136.1	49.3
49.4525	-126.271	46	46.406	3.57E+04	10.76	31.90	1024.61	24.41	24.40	84.2	1	0.90	4.55	3.18	9.06	6.34	138.8	50.2
49.4525	-126.271	47	47.409	3.57E+04	10.76	31.90	1024.62	24.41	24.41	84.2	1	0.88	4.60	3.22	9.06	6.34	140.4	50.8
49.4525	-126.271	48	48.417	3.57E+04	10.75	31.91	1024.63	24.41	24.41	84.1	1	0.91	4.62	3.23	9.06	6.34	140.8	51.0
49.4525	-126.271	49	49.428	3.57E+04	10.74	31.91	1024.64	24.42	24.42	84.0	1	0.91	4.62	3.23	9.06	6.34	140.8	51.0
49.4525	-126.271	50	50.436	3.57E+04	10.74	31.92	1024.65	24.42	24.42	83.9	1	0.91	4.66	3.26	9.06	6.34	142.1	51.4
49.4525	-126.271	51	51.442	3.57E+04	10.72	31.92	1024.66	24.43	24.43	84.0	1	0.91	4.66	3.26	9.06	6.34	142.0	51.4
49.4525	-126.271	52	52.451	3.57E+04	10.70	31.92	1024.67	24.43	24.43	83.9	1	0.87	4.62	3.24	9.07	6.34	141.0	51.0
49.4525	-126.271	53	53.465	3.57E+04	10.68	31.93	1024.68	24.44	24.44	83.8	1	0.87	4.60	3.22	9.07	6.35	140.3	50.7
49.4525	-126.271	54	54.473	3.57E+04	10.67	31.93	1024.69	24.45	24.45	83.8	1	0.88	4.60	3.22	9.07	6.35	140.2	50.7
49.4525	-126.271	55	55.475	3.57E+04	10.68	31.94	1024.70	24.45	24.45	83.8	1	0.88	4.60	3.22	9.07	6.35	140.3	50.7
49.4525	-126.271	56	56.487	3.57E+04	10.66	31.94	1024.71	24.45	24.45	83.7	1	0.86	4.61	3.22	9.07	6.35	140.5	50.8
49.4525	-126.271	57	57.494	3.57E+04	10.66	31.94	1024.72	24.46	24.46	83.6	1	0.87	4.62	3.23	9.07	6.35	140.8	50.9
49.4525	-126.271	58	58.511	3.57E+04	10.66	31.95	1024.72	24.46	24.46	83.6	1	0.86	4.61	3.23	9.07	6.35	140.6	50.8
49.4525	-126.271	59	59.515	3.57E+04	10.65	31.95	1024.73	24.46	24.46	83.5	1	0.90	4.60	3.22	9.08	6.35	140.3	50.7
49.4525	-126.271	60	60.522	3.57E+04	10.64	31.96	1024.74	24.47	24.47	83.4	1	0.88	4.59	3.21	9.08	6.35	140.0	50.6
49.4525	-126.271	61	61.531	3.57E+04	10.63	31.96	1024.75	24.47	24.47	83.5	1	0.91	4.58	3.21	9.08	6.35	139.8	50.5
49.4525	-126.271	62	62.542	3.57E+04	10.63	31.96	1024.76	24.48	24.48	83.2	1	0.91	4.58	3.20	9.08	6.35	139.5	50.4
49.4525	-126.271	63	63.548	3.57E+04	10.62	31.97	1024.77	24.48	24.48	83.3	1	0.90	4.57	3.20	9.08	6.35	139.4	50.3
49.4525	-126.271	64	64.556	3.57E+04	10.61	31.97	1024.78	24.49	24.49	83.2	1	0.90	4.57	3.20	9.08	6.36	139.3	50.3
49.4525	-126.271	65	65.565	3.57E+04	10.60	31.98	1024.79	24.49	24.49	83.2	1	0.92	4.55	3.19	9.08	6.36	138.9	50.1
49.4525	-126.271	66	66.574	3.57E+04	10.59	31.98	1024.80	24.50	24.50	83.1	1	0.87	4.54	3.17	9.09	6.36	138.3	49.9
49.4525	-126.271	67	67.587	3.57E+04	10.58	31.98	1024.81	24.50	24.50	83.1	1	0.88	4.53	3.17	9.09	6.36	138.2	49.9
49.4525	-126.271	68	68.593	3.57E+04	10.58	31.99	1024.81	24.50	24.50	83.1	1	0.88	4.52	3.16	9.09	6.36	137.8	49.7
49.4525	-126.271	69	69.604	3.57E+04	10.57	31.99	1024.82	24.51	24.51	83.0	1	0.88	4.51	3.16	9.09	6.36	137.6	49.6
49.4525	-126.271	70	70.611	3.57E+04	10.56	31.99	1024.83	24.51	24.51	82.8	1	0.88	4.51	3.15	9.09	6.36	137.4	49.6
49.4525	-126.271	71	71.622	3.57E+04	10.55	32.00	1024.84	24.52	24.52	82.8	1	0.88	4.50	3.15	9.09	6.36	137.3	49.5

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.4525	-126.271	72	72.626	3.57E+04	10.54	32.00	1024.85	24.52	24.52	82.6	1	0.90	4.49	3.14	9.09	6.36	136.8	49.3
49.4525	-126.271	73	73.639	3.56E+04	10.53	32.01	1024.86	24.53	24.53	82.6	1	0.90	4.47	3.13	9.10	6.36	136.2	49.1
49.4525	-126.271	74	74.651	3.56E+04	10.53	32.01	1024.87	24.53	24.53	82.5	1	0.87	4.45	3.12	9.10	6.36	135.8	49.0
49.4525	-126.271	75	75.662	3.56E+04	10.52	32.01	1024.88	24.53	24.53	82.5	1	0.88	4.46	3.12	9.10	6.37	136.0	49.0
49.4525	-126.271	76	76.671	3.56E+04	10.51	32.01	1024.88	24.54	24.53	82.4	1	0.87	4.51	3.15	9.10	6.37	137.4	49.5
49.4525	-126.271	77	77.67	3.56E+04	10.50	32.01	1024.89	24.54	24.54	82.5	1	0.87	4.56	3.19	9.10	6.37	139.0	50.1
49.4525	-126.271	78	78.687	3.56E+04	10.50	32.02	1024.90	24.54	24.54	82.5	1	0.86	4.58	3.21	9.10	6.37	139.7	50.3
49.4525	-126.271	79	79.697	3.56E+04	10.49	32.02	1024.90	24.54	24.54	82.5	1	0.86	4.59	3.21	9.10	6.37	140.0	50.4
49.4525	-126.271	80	80.702	3.56E+04	10.50	32.02	1024.91	24.55	24.54	82.4	1	0.85	4.56	3.19	9.10	6.37	139.2	50.1
49.4525	-126.271	81	81.711	3.56E+04	10.49	32.02	1024.92	24.55	24.55	82.4	1	0.87	4.55	3.19	9.10	6.37	138.9	50.0
49.4525	-126.271	82	82.72	3.56E+04	10.49	32.03	1024.93	24.55	24.55	82.5	1	0.88	4.51	3.15	9.10	6.37	137.5	49.5
49.4525	-126.271	83	83.731	3.56E+04	10.48	32.03	1024.93	24.56	24.55	82.4	1	0.89	4.48	3.13	9.10	6.37	136.6	49.2
49.4525	-126.271	84	84.74	3.56E+04	10.47	32.03	1024.94	24.56	24.56	82.2	1	0.86	4.50	3.15	9.11	6.37	137.1	49.4
49.4525	-126.271	85	85.746	3.56E+04	10.47	32.04	1024.95	24.56	24.56	82.3	1	0.89	4.50	3.15	9.11	6.37	137.4	49.5
49.4525	-126.271	86	86.764	3.56E+04	10.47	32.04	1024.96	24.56	24.56	81.8	1	0.89	4.50	3.15	9.11	6.37	137.1	49.3
49.4525	-126.271	87	87.761	3.56E+04	10.46	32.04	1024.96	24.57	24.57	82.1	1	0.88	4.48	3.13	9.11	6.37	136.6	49.2
49.4525	-126.271	88	88.773	3.56E+04	10.46	32.05	1024.97	24.57	24.57	82.0	1	0.90	4.46	3.12	9.11	6.37	136.0	48.9
49.4525	-126.271	89	89.788	3.56E+04	10.46	32.05	1024.98	24.57	24.57	81.9	1	0.90	4.44	3.11	9.11	6.37	135.4	48.7
49.4525	-126.271	90	90.782	3.56E+04	10.45	32.05	1024.99	24.58	24.58	81.9	1	0.90	4.43	3.10	9.11	6.37	135.0	48.6
49.4525	-126.271	91	91.803	3.56E+04	10.45	32.06	1024.99	24.58	24.58	81.4	1	0.90	4.43	3.10	9.11	6.37	134.9	48.6
49.4525	-126.271	92	92.818	3.56E+04	10.44	32.06	1025.00	24.58	24.58	81.5	1	0.91	4.45	3.11	9.11	6.37	135.7	48.8
49.4525	-126.271	93	93.822	3.56E+04	10.44	32.06	1025.01	24.58	24.58	81.2	1	0.90	4.49	3.14	9.11	6.37	136.9	49.3
49.4525	-126.271	94	94.825	3.56E+04	10.44	32.06	1025.01	24.59	24.58	81.3	1	0.88	4.50	3.15	9.11	6.37	137.4	49.4
49.4525	-126.271	95	95.839	3.56E+04	10.44	32.06	1025.02	24.59	24.59	81.3	1	0.88	4.52	3.16	9.11	6.38	137.8	49.6
49.4525	-126.271	96	96.848	3.56E+04	10.43	32.07	1025.03	24.59	24.59	81.4	1	0.88	4.52	3.17	9.11	6.38	137.9	49.6
49.4525	-126.271	97	97.862	3.56E+04	10.43	32.07	1025.04	24.59	24.59	81.6	1	0.87	4.51	3.16	9.11	6.38	137.6	49.5
49.4525	-126.271	98	98.868	3.56E+04	10.42	32.07	1025.04	24.60	24.60	81.5	1	0.89	4.50	3.15	9.11	6.38	137.2	49.4
49.4525	-126.271	99	99.869	3.56E+04	10.42	32.07	1025.05	24.60	24.60	81.7	1	0.89	4.50	3.15	9.11	6.38	137.1	49.3
49.4525	-126.271	100	100.881	3.56E+04	10.41	32.08	1025.06	24.60	24.60	81.6	1	0.89	4.47	3.13	9.12	6.38	136.4	49.1
49.4525	-126.271	101	101.886	3.56E+04	10.41	32.08	1025.06	24.60	24.60	81.5	1	0.89	4.43	3.10	9.12	6.38	135.0	48.5
49.4525	-126.271	102	102.901	3.56E+04	10.40	32.08	1025.07	24.61	24.60	81.3	1	0.92	4.41	3.09	9.12	6.38	134.5	48.4
49.4525	-126.271	103	103.907	3.56E+04	10.40	32.08	1025.08	24.61	24.61	81.0	1	0.90	4.41	3.09	9.12	6.38	134.4	48.3
49.4525	-126.271	104	104.921	3.56E+04	10.40	32.08	1025.08	24.61	24.61	80.8	1	0.88	4.39	3.07	9.12	6.38	134.0	48.2
49.4525	-126.271	105	105.922	3.56E+04	10.40	32.08	1025.09	24.61	24.61	80.6	1	0.89	4.38	3.06	9.12	6.38	133.5	48.0
49.4525	-126.271	106	106.936	3.56E+04	10.40	32.08	1025.09	24.61	24.61	80.4	1	0.91	4.36	3.05	9.12	6.38	132.9	47.8
49.4525	-126.271	107	107.947	3.56E+04	10.39	32.08	1025.10	24.61	24.61	80.1	1	0.89	4.35	3.04	9.12	6.38	132.6	47.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.4525	-126.271	108	108.959	3.56E+04	10.39	32.08	1025.10	24.61	24.61	80.4	1	0.91	4.33	3.03	9.12	6.38	132.0	47.4
49.4525	-126.271	109	109.967	3.56E+04	10.39	32.08	1025.11	24.61	24.61	80.2	1	0.95	4.32	3.02	9.12	6.38	131.7	47.3
49.4525	-126.271	110	110.977	3.56E+04	10.39	32.08	1025.11	24.61	24.61	80.1	1	0.93	4.30	3.01	9.12	6.38	131.1	47.1
49.4525	-126.271	111	111.984	3.56E+04	10.38	32.09	1025.12	24.62	24.61	80.0	1	0.90	4.26	2.98	9.12	6.38	129.8	46.7
49.4525	-126.271	112	112.99	3.56E+04	10.38	32.09	1025.13	24.62	24.62	80.0	1	0.93	4.23	2.96	9.12	6.38	129.0	46.4
49.4525	-126.271	113	114	3.56E+04	10.37	32.09	1025.13	24.62	24.62	79.7	1	0.93	4.25	2.97	9.12	6.38	129.5	46.5
49.4525	-126.271	114	115.007	3.56E+04	10.37	32.09	1025.14	24.62	24.62	79.6	1	0.93	4.22	2.95	9.12	6.38	128.6	46.2

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation69sydney135mz17:41h8/20/05																		
49.46933	-126.276	2	2.224	3.81E+04	17.02	29.16	1021.04	21.03	21.03	53.4	384	17.47	10.05	7.03	8.09	5.66	295.3	119.3
49.46933	-126.276	3	3.022	3.76E+04	15.28	30.00	1022.07	22.06	22.06	53.6	255	16.84	9.61	6.73	8.34	5.83	284.7	111.7
49.46933	-126.276	4	4.037	3.70E+04	13.95	30.51	1022.75	22.73	22.73	55.3	147	15.67	8.94	6.25	8.54	5.97	267.2	102.4
49.46933	-126.276	5	5.044	3.65E+04	12.76	30.96	1023.33	23.31	23.31	59.8	85	11.46	8.32	5.82	8.73	6.11	254.0	95.3
49.46933	-126.276	6	6.056	3.66E+04	12.73	31.10	1023.45	23.43	23.43	65.1	52	6.86	7.96	5.57	8.72	6.10	242.1	90.9
49.46933	-126.276	7	7.059	3.66E+04	12.60	31.17	1023.53	23.50	23.50	71.2	34	4.59	7.67	5.36	8.75	6.12	232.7	87.2
49.46933	-126.276	8	8.068	3.65E+04	12.40	31.22	1023.62	23.58	23.58	75.9	25	3.69	7.35	5.14	8.78	6.14	223.3	83.3
49.46933	-126.276	9	9.079	3.63E+04	12.18	31.22	1023.67	23.63	23.63	78.2	19	3.25	7.09	4.96	8.82	6.17	216.4	80.3
49.46933	-126.276	10	10.085	3.63E+04	12.15	31.27	1023.71	23.66	23.66	79.6	15	3.16	6.97	4.88	8.82	6.17	212.9	79.0
49.46933	-126.276	11	11.095	3.64E+04	12.22	31.32	1023.75	23.70	23.70	80.5	12	2.44	6.91	4.83	8.81	6.16	209.2	77.8
49.46933	-126.276	12	12.102	3.61E+04	11.94	31.31	1023.79	23.73	23.73	80.9	10	2.09	6.60	4.62	8.86	6.20	200.9	74.3
49.46933	-126.276	13	13.109	3.61E+04	11.81	31.33	1023.83	23.77	23.77	81.7	9	2.10	6.34	4.44	8.88	6.22	193.8	71.5
49.46933	-126.276	14	14.121	3.61E+04	11.85	31.37	1023.86	23.80	23.80	82.2	8	2.01	6.30	4.41	8.88	6.21	192.0	70.9
49.46933	-126.276	15	15.129	3.61E+04	11.84	31.37	1023.87	23.80	23.80	82.5	7	1.82	6.20	4.34	8.88	6.21	189.0	69.8
49.46933	-126.276	16	16.139	3.61E+04	11.75	31.39	1023.90	23.83	23.83	82.8	6	1.83	6.08	4.26	8.89	6.22	185.3	68.3
49.46933	-126.276	17	17.146	3.60E+04	11.69	31.41	1023.94	23.86	23.86	83.0	5	1.75	5.94	4.15	8.90	6.23	180.5	66.4
49.46933	-126.276	18	18.153	3.60E+04	11.56	31.44	1023.99	23.90	23.90	83.2	4	1.70	5.72	4.00	8.93	6.25	174.0	63.9
49.46933	-126.276	19	19.161	3.58E+04	11.43	31.43	1024.01	23.92	23.92	83.3	4	1.75	5.51	3.86	8.95	6.26	167.9	61.4
49.46933	-126.276	20	20.171	3.58E+04	11.38	31.43	1024.03	23.93	23.93	83.3	4	1.80	5.31	3.72	8.96	6.27	162.4	59.4
49.46933	-126.276	21	21.182	3.58E+04	11.33	31.50	1024.09	24.00	24.00	83.4	3	1.79	5.26	3.68	8.97	6.27	160.7	58.7
49.46933	-126.276	22	22.191	3.59E+04	11.41	31.52	1024.10	24.00	24.00	83.5	3	1.63	5.24	3.67	8.95	6.26	160.0	58.6
49.46933	-126.276	23	23.202	3.59E+04	11.41	31.55	1024.12	24.02	24.02	83.6	3	1.65	5.22	3.65	8.95	6.26	158.9	58.2
49.46933	-126.276	24	24.206	3.59E+04	11.39	31.56	1024.14	24.03	24.03	83.7	3	1.51	5.10	3.57	8.95	6.26	155.4	56.9
49.46933	-126.276	25	25.215	3.59E+04	11.30	31.59	1024.18	24.07	24.07	83.5	2	1.56	4.99	3.49	8.97	6.28	151.7	55.4
49.46933	-126.276	26	26.223	3.59E+04	11.28	31.60	1024.20	24.08	24.08	83.7	2	1.52	4.76	3.33	8.97	6.28	144.3	52.7
49.46933	-126.276	27	27.229	3.56E+04	10.98	31.57	1024.24	24.11	24.11	83.8	2	1.73	4.33	3.03	9.03	6.32	132.0	47.9
49.46933	-126.276	28	28.245	3.55E+04	10.91	31.59	1024.27	24.14	24.14	83.8	2	1.78	3.97	2.78	9.04	6.33	121.0	43.8
49.46933	-126.276	29	29.249	3.56E+04	10.90	31.61	1024.29	24.16	24.16	83.7	2	1.70	3.70	2.59	9.04	6.33	112.7	40.9
49.46933	-126.276	30	30.26	3.55E+04	10.86	31.64	1024.32	24.19	24.19	83.8	2	1.61	3.49	2.44	9.05	6.33	106.4	38.5
49.46933	-126.276	31	31.27	3.56E+04	10.84	31.68	1024.36	24.22	24.22	83.9	2	1.42	3.37	2.36	9.05	6.33	102.9	37.2
49.46933	-126.276	32	32.279	3.56E+04	10.84	31.69	1024.38	24.23	24.23	83.9	2	1.40	3.33	2.33	9.05	6.33	101.7	36.8
49.46933	-126.276	33	33.288	3.56E+04	10.84	31.71	1024.39	24.24	24.24	83.7	2	1.32	3.33	2.33	9.05	6.33	101.5	36.8
49.46933	-126.276	34	34.296	3.56E+04	10.84	31.72	1024.41	24.25	24.25	83.5	2	1.30	3.38	2.37	9.05	6.33	103.2	37.4
49.46933	-126.276	35	35.303	3.56E+04	10.84	31.74	1024.43	24.27	24.27	83.6	2	1.23	3.47	2.43	9.05	6.33	105.9	38.4

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.46933	-126.276	36	36.312	3.57E+04	10.84	31.78	1024.46	24.30	24.30	83.7	2	1.16	3.62	2.53	9.05	6.33	110.4	40.0
49.46933	-126.276	37	37.322	3.57E+04	10.85	31.82	1024.49	24.32	24.32	83.8	1	1.00	3.78	2.65	9.04	6.33	115.3	41.8
49.46933	-126.276	38	38.328	3.57E+04	10.85	31.83	1024.51	24.33	24.33	83.7	1	0.97	3.88	2.72	9.04	6.33	118.4	42.9
49.46933	-126.276	39	39.337	3.57E+04	10.84	31.83	1024.52	24.34	24.34	83.8	1	0.93	3.94	2.76	9.04	6.33	120.2	43.6
49.46933	-126.276	40	40.349	3.57E+04	10.84	31.84	1024.53	24.35	24.35	84.0	1	0.92	3.99	2.79	9.04	6.33	121.7	44.1
49.46933	-126.276	41	41.361	3.57E+04	10.82	31.85	1024.54	24.35	24.35	84.0	1	0.92	4.03	2.82	9.05	6.33	122.8	44.5
49.46933	-126.276	42	42.364	3.57E+04	10.80	31.86	1024.56	24.37	24.37	83.9	1	0.89	4.07	2.85	9.05	6.33	124.2	45.0
49.46933	-126.276	43	43.372	3.57E+04	10.80	31.86	1024.57	24.37	24.37	84.0	1	0.90	4.10	2.87	9.05	6.33	125.1	45.3
49.46933	-126.276	44	44.383	3.57E+04	10.80	31.86	1024.57	24.37	24.37	84.0	1	0.87	4.12	2.88	9.05	6.33	125.7	45.5
49.46933	-126.276	45	45.391	3.57E+04	10.78	31.87	1024.58	24.38	24.37	84.0	1	0.90	4.14	2.90	9.05	6.33	126.4	45.8
49.46933	-126.276	46	46.399	3.57E+04	10.78	31.87	1024.59	24.38	24.38	83.9	1	0.89	4.17	2.92	9.05	6.34	127.1	46.0
49.46933	-126.276	47	47.411	3.57E+04	10.78	31.88	1024.60	24.38	24.38	83.9	1	0.87	4.22	2.95	9.05	6.34	128.6	46.6
49.46933	-126.276	48	48.419	3.57E+04	10.77	31.88	1024.61	24.39	24.39	84.0	1	0.86	4.28	3.00	9.06	6.34	130.6	47.3
49.46933	-126.276	49	49.421	3.57E+04	10.76	31.89	1024.62	24.39	24.39	84.0	1	0.85	4.34	3.03	9.06	6.34	132.2	47.8
49.46933	-126.276	50	50.433	3.57E+04	10.76	31.89	1024.62	24.40	24.39	84.0	1	0.86	4.37	3.06	9.06	6.34	133.2	48.2
49.46933	-126.276	51	51.442	3.57E+04	10.73	31.90	1024.64	24.41	24.41	83.9	1	0.86	4.44	3.11	9.06	6.34	135.3	49.0
49.46933	-126.276	52	52.453	3.57E+04	10.70	31.92	1024.66	24.43	24.43	83.9	1	0.87	4.50	3.15	9.07	6.34	137.1	49.6
49.46933	-126.276	53	53.46	3.57E+04	10.69	31.92	1024.67	24.43	24.43	83.8	1	0.85	4.53	3.17	9.07	6.35	138.2	49.9
49.46933	-126.276	54	54.47	3.57E+04	10.68	31.93	1024.69	24.44	24.44	83.8	1	0.84	4.55	3.19	9.07	6.35	138.9	50.2
49.46933	-126.276	55	55.48	3.57E+04	10.68	31.93	1024.69	24.44	24.44	83.8	1	0.84	4.58	3.20	9.07	6.35	139.5	50.4
49.46933	-126.276	56	56.49	3.57E+04	10.66	31.93	1024.70	24.45	24.45	83.7	1	0.85	4.60	3.22	9.07	6.35	140.1	50.6
49.46933	-126.276	57	57.499	3.57E+04	10.64	31.94	1024.72	24.46	24.46	83.7	1	0.86	4.62	3.23	9.08	6.35	140.9	50.9
49.46933	-126.276	58	58.504	3.57E+04	10.62	31.95	1024.73	24.46	24.46	83.7	1	0.85	4.65	3.25	9.08	6.35	141.8	51.2
49.46933	-126.276	59	59.517	3.57E+04	10.62	31.95	1024.74	24.47	24.47	83.7	1	0.85	4.67	3.27	9.08	6.36	142.3	51.4
49.46933	-126.276	60	60.525	3.57E+04	10.61	31.95	1024.75	24.47	24.47	83.6	1	0.85	4.68	3.28	9.08	6.36	142.8	51.5
49.46933	-126.276	61	61.532	3.57E+04	10.60	31.96	1024.76	24.48	24.48	83.7	1	0.83	4.68	3.28	9.08	6.36	142.8	51.5
49.46933	-126.276	62	62.544	3.57E+04	10.59	31.97	1024.77	24.49	24.48	83.7	1	0.83	4.66	3.26	9.09	6.36	142.2	51.3
49.46933	-126.276	63	63.548	3.56E+04	10.58	31.97	1024.78	24.49	24.49	83.5	1	0.85	4.67	3.27	9.09	6.36	142.5	51.4
49.46933	-126.276	64	64.563	3.56E+04	10.57	31.98	1024.79	24.50	24.50	83.4	1	0.86	4.70	3.29	9.09	6.36	143.2	51.7
49.46933	-126.276	65	65.57	3.56E+04	10.56	31.98	1024.80	24.50	24.50	83.4	1	0.83	4.71	3.29	9.09	6.36	143.5	51.8
49.46933	-126.276	66	66.577	3.56E+04	10.54	31.98	1024.81	24.51	24.51	83.6	1	0.84	4.71	3.29	9.09	6.36	143.5	51.7
49.46933	-126.276	67	67.589	3.56E+04	10.53	31.99	1024.82	24.51	24.51	83.5	1	0.84	4.71	3.29	9.10	6.37	143.5	51.7
49.46933	-126.276	68	68.598	3.56E+04	10.51	32.00	1024.83	24.53	24.52	83.6	1	0.84	4.71	3.29	9.10	6.37	143.5	51.7
49.46933	-126.276	69	69.603	3.56E+04	10.49	32.01	1024.85	24.53	24.53	83.6	1	0.82	4.71	3.29	9.10	6.37	143.6	51.7
49.46933	-126.276	70	70.613	3.56E+04	10.49	32.01	1024.86	24.54	24.54	83.6	1	0.84	4.71	3.29	9.10	6.37	143.5	51.7
49.46933	-126.276	71	71.62	3.56E+04	10.48	32.01	1024.86	24.54	24.54	83.6	1	0.83	4.71	3.29	9.11	6.37	143.5	51.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.46933	-126.276	72	72.632	3.56E+04	10.47	32.01	1024.87	24.54	24.54	83.1	1	0.84	4.71	3.29	9.11	6.37	143.5	51.7
49.46933	-126.276	73	73.643	3.56E+04	10.47	32.02	1024.88	24.55	24.54	83.5	1	0.82	4.71	3.30	9.11	6.37	143.7	51.7
49.46933	-126.276	74	74.649	3.56E+04	10.46	32.02	1024.88	24.55	24.55	83.6	1	0.81	4.71	3.30	9.11	6.37	143.6	51.7
49.46933	-126.276	75	75.658	3.56E+04	10.45	32.02	1024.90	24.55	24.55	83.6	1	0.82	4.69	3.28	9.11	6.38	143.0	51.4
49.46933	-126.276	76	76.667	3.56E+04	10.44	32.03	1024.90	24.56	24.56	83.6	1	0.82	4.67	3.27	9.11	6.38	142.4	51.2
49.46933	-126.276	77	77.675	3.56E+04	10.44	32.03	1024.91	24.56	24.56	83.4	1	0.83	4.64	3.25	9.11	6.38	141.6	51.0
49.46933	-126.276	78	78.684	3.56E+04	10.44	32.04	1024.92	24.57	24.57	83.4	1	0.83	4.61	3.22	9.11	6.38	140.4	50.5
49.46933	-126.276	79	79.693	3.56E+04	10.44	32.04	1024.93	24.57	24.57	83.2	1	0.85	4.57	3.20	9.11	6.38	139.3	50.1
49.46933	-126.276	80	80.705	3.56E+04	10.43	32.05	1024.94	24.58	24.57	82.8	1	0.84	4.55	3.18	9.11	6.38	138.7	49.9
49.46933	-126.276	81	81.713	3.56E+04	10.43	32.05	1024.95	24.58	24.58	82.6	1	0.89	4.53	3.17	9.11	6.38	138.0	49.7
49.46933	-126.276	82	82.722	3.56E+04	10.41	32.05	1024.96	24.58	24.58	82.5	1	0.85	4.50	3.15	9.12	6.38	137.3	49.4
49.46933	-126.276	83	83.73	3.56E+04	10.41	32.06	1024.97	24.59	24.59	82.5	1	0.84	4.48	3.14	9.12	6.38	136.7	49.1
49.46933	-126.276	84	84.74	3.56E+04	10.40	32.06	1024.97	24.59	24.59	82.5	1	0.84	4.45	3.12	9.12	6.38	135.8	48.8
49.46933	-126.276	85	85.748	3.56E+04	10.39	32.06	1024.98	24.60	24.59	82.5	1	0.83	4.43	3.10	9.12	6.38	135.2	48.6
49.46933	-126.276	86	86.755	3.56E+04	10.40	32.07	1024.99	24.60	24.60	82.5	1	0.84	4.43	3.10	9.12	6.38	135.0	48.5
49.46933	-126.276	87	87.764	3.56E+04	10.40	32.07	1025.00	24.60	24.60	82.6	1	0.84	4.42	3.09	9.12	6.38	134.8	48.5
49.46933	-126.276	88	88.774	3.56E+04	10.40	32.07	1025.00	24.60	24.60	82.2	1	0.85	4.41	3.09	9.12	6.38	134.6	48.4
49.46933	-126.276	89	89.784	3.56E+04	10.40	32.07	1025.01	24.60	24.60	82.2	1	0.88	4.41	3.09	9.12	6.38	134.5	48.4
49.46933	-126.276	90	90.792	3.56E+04	10.40	32.07	1025.01	24.60	24.60	82.2	1	0.85	4.41	3.09	9.12	6.38	134.4	48.3
49.46933	-126.276	91	91.801	3.56E+04	10.40	32.07	1025.02	24.60	24.60	82.2	1	0.84	4.41	3.08	9.12	6.38	134.4	48.3
49.46933	-126.276	92	92.811	3.56E+04	10.39	32.07	1025.02	24.61	24.60	82.0	1	0.84	4.39	3.07	9.12	6.38	133.7	48.1
49.46933	-126.276	93	93.822	3.56E+04	10.38	32.08	1025.03	24.61	24.61	82.1	1	0.85	4.35	3.05	9.12	6.38	132.7	47.7
49.46933	-126.276	94	94.831	3.56E+04	10.38	32.08	1025.04	24.61	24.61	82.0	1	0.87	4.32	3.03	9.12	6.38	131.8	47.4
49.46933	-126.276	95	95.841	3.56E+04	10.38	32.08	1025.04	24.61	24.61	81.7	1	0.87	4.31	3.02	9.12	6.38	131.5	47.3
49.46933	-126.276	96	96.847	3.56E+04	10.38	32.08	1025.05	24.61	24.61	81.8	1	0.86	4.31	3.02	9.12	6.38	131.5	47.3
49.46933	-126.276	97	97.856	3.56E+04	10.38	32.08	1025.06	24.61	24.61	81.6	1	0.87	4.31	3.02	9.12	6.38	131.4	47.2
49.46933	-126.276	98	98.864	3.56E+04	10.38	32.08	1025.06	24.61	24.61	81.7	1	0.88	4.30	3.01	9.12	6.38	131.0	47.1
49.46933	-126.276	99	99.877	3.56E+04	10.38	32.08	1025.07	24.61	24.61	81.5	1	0.87	4.30	3.01	9.12	6.38	131.0	47.1
49.46933	-126.276	100	100.884	3.56E+04	10.38	32.09	1025.07	24.62	24.61	81.4	1	0.90	4.31	3.02	9.12	6.38	131.5	47.3
49.46933	-126.276	101	101.893	3.56E+04	10.38	32.09	1025.08	24.62	24.61	81.6	1	0.88	4.32	3.02	9.12	6.38	131.7	47.3
49.46933	-126.276	102	102.905	3.56E+04	10.37	32.09	1025.08	24.62	24.62	81.6	1	0.90	4.30	3.01	9.12	6.38	131.2	47.1
49.46933	-126.276	103	103.909	3.56E+04	10.37	32.09	1025.09	24.62	24.62	81.5	1	0.87	4.28	2.99	9.12	6.38	130.5	46.9
49.46933	-126.276	104	104.921	3.56E+04	10.37	32.09	1025.09	24.62	24.62	81.5	1	0.86	4.26	2.98	9.12	6.38	130.0	46.7
49.46933	-126.276	105	105.931	3.56E+04	10.37	32.09	1025.10	24.62	24.62	81.4	1	0.87	4.24	2.96	9.12	6.38	129.2	46.4
49.46933	-126.276	106	106.937	3.56E+04	10.37	32.09	1025.11	24.62	24.62	81.2	1	0.87	4.23	2.96	9.12	6.38	128.9	46.3
49.46933	-126.276	107	107.948	3.56E+04	10.36	32.09	1025.11	24.62	24.62	81.3	1	0.87	4.22	2.95	9.12	6.38	128.7	46.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.46933	-126.276	108	108.956	3.56E+04	10.36	32.09	1025.12	24.62	24.62	81.3	1	0.87	4.21	2.95	9.12	6.38	128.4	46.1
49.46933	-126.276	109	109.966	3.56E+04	10.36	32.09	1025.12	24.62	24.62	81.2	1	0.88	4.20	2.94	9.12	6.38	128.2	46.1
49.46933	-126.276	110	110.979	3.56E+04	10.36	32.09	1025.13	24.63	24.62	81.3	1	0.87	4.20	2.94	9.12	6.38	128.1	46.0
49.46933	-126.276	111	111.982	3.56E+04	10.36	32.09	1025.13	24.63	24.62	81.2	1	0.87	4.20	2.94	9.12	6.38	128.1	46.0
49.46933	-126.276	112	112.997	3.56E+04	10.36	32.09	1025.14	24.63	24.62	81.2	1	0.92	4.20	2.94	9.12	6.38	128.0	46.0
49.46933	-126.276	113	113.997	3.56E+04	10.36	32.09	1025.14	24.63	24.62	81.2	1	0.86	4.20	2.94	9.12	6.38	128.0	46.0
49.46933	-126.276	114	115.011	3.56E+04	10.36	32.10	1025.15	24.63	24.62	81.2	1	0.88	4.19	2.93	9.12	6.38	127.9	46.0
49.46933	-126.276	115	116.021	3.56E+04	10.36	32.10	1025.15	24.63	24.62	81.1	1	0.88	4.19	2.93	9.12	6.38	127.6	45.9
49.46933	-126.276	116	117.031	3.56E+04	10.36	32.10	1025.16	24.63	24.63	81.2	1	0.90	4.17	2.92	9.12	6.39	127.1	45.7
49.46933	-126.276	117	118.04	3.56E+04	10.36	32.10	1025.16	24.63	24.63	81.1	1	0.89	4.15	2.91	9.13	6.39	126.7	45.5
49.46933	-126.276	118	119.047	3.56E+04	10.36	32.10	1025.17	24.63	24.63	81.2	1	0.90	4.15	2.90	9.13	6.39	126.5	45.4
49.46933	-126.276	119	120.057	3.56E+04	10.36	32.10	1025.17	24.63	24.63	81.2	1	0.89	4.15	2.90	9.13	6.39	126.5	45.4
49.46933	-126.276	120	121.067	3.56E+04	10.36	32.10	1025.17	24.63	24.63	81.0	1	0.88	4.15	2.90	9.13	6.39	126.5	45.4
49.46933	-126.276	121	122.076	3.56E+04	10.36	32.10	1025.18	24.63	24.63	80.9	1	0.88	4.14	2.89	9.13	6.39	126.1	45.3
49.46933	-126.276	122	123.083	3.56E+04	10.36	32.10	1025.18	24.63	24.63	81.0	1	0.89	4.10	2.87	9.13	6.39	124.9	44.9
49.46933	-126.276	123	124.094	3.56E+04	10.35	32.09	1025.19	24.63	24.62	80.9	1	0.91	4.02	2.81	9.13	6.39	122.5	44.0
49.46933	-126.276	124	125.105	3.56E+04	10.35	32.10	1025.20	24.63	24.63	80.6	1	0.90	3.96	2.77	9.13	6.39	120.6	43.3
49.46933	-126.276	125	126.112	3.56E+04	10.35	32.10	1025.20	24.63	24.63	80.4	1	0.90	3.86	2.70	9.13	6.39	117.8	42.3
49.46933	-126.276	126	127.122	3.56E+04	10.34	32.10	1025.21	24.64	24.63	80.0	1	0.90	3.70	2.59	9.13	6.39	112.9	40.5
49.46933	-126.276	127	128.131	3.56E+04	10.34	32.10	1025.22	24.64	24.63	79.6	1	0.96	3.53	2.47	9.13	6.39	107.7	38.7
49.46933	-126.276	128	129.14	3.56E+04	10.34	32.10	1025.22	24.64	24.63	78.9	1	0.96	3.42	2.40	9.13	6.39	104.4	37.5
49.46933	-126.276	129	130.151	3.56E+04	10.34	32.10	1025.23	24.64	24.64	77.8	1	0.93	3.36	2.35	9.13	6.39	102.5	36.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation70sydney111mz18:18h8/20/05																		
49.48717	-126.285	2	2.239	3.81E+04	17.51	28.81	1020.66	20.65	20.65	54.8	319	15.51	9.81	6.87	8.03	5.62	282.9	115.1
49.48717	-126.285	3	3.023	3.76E+04	15.47	29.85	1021.92	21.91	21.91	54.7	220	16.15	9.44	6.60	8.31	5.81	276.5	108.8
49.48717	-126.285	4	4.032	3.69E+04	13.92	30.38	1022.65	22.63	22.63	55.2	134	13.83	8.93	6.25	8.55	5.98	264.9	101.4
49.48717	-126.285	5	5.041	3.63E+04	12.74	30.75	1023.17	23.15	23.15	57.9	81	12.42	8.32	5.82	8.74	6.12	251.3	94.1
49.48717	-126.285	6	6.05	3.60E+04	12.27	30.93	1023.40	23.38	23.38	61.5	50	12.15	7.82	5.47	8.82	6.17	238.5	88.6
49.48717	-126.285	7	7.06	3.60E+04	12.11	31.03	1023.52	23.48	23.48	65.4	33	10.01	7.50	5.25	8.85	6.19	229.4	85.0
49.48717	-126.285	8	8.069	3.62E+04	12.20	31.10	1023.57	23.53	23.53	69.0	23	7.31	7.34	5.14	8.82	6.17	223.5	83.0
49.48717	-126.285	9	9.081	3.61E+04	12.14	31.12	1023.59	23.55	23.55	72.7	17	5.42	7.12	4.98	8.83	6.18	217.1	80.5
49.48717	-126.285	10	10.083	3.61E+04	12.04	31.17	1023.65	23.61	23.61	76.9	13	3.81	6.84	4.79	8.85	6.19	207.5	76.8
49.48717	-126.285	11	11.096	3.58E+04	11.71	31.14	1023.69	23.64	23.64	79.4	11	3.73	6.43	4.50	8.92	6.24	195.9	72.0
49.48717	-126.285	12	12.104	3.57E+04	11.58	31.16	1023.74	23.68	23.68	80.3	9	3.62	6.15	4.30	8.94	6.25	187.8	68.8
49.48717	-126.285	13	13.112	3.57E+04	11.60	31.19	1023.76	23.71	23.70	80.7	7	3.21	6.01	4.21	8.93	6.25	183.6	67.3
49.48717	-126.285	14	14.125	3.58E+04	11.60	31.22	1023.79	23.73	23.73	81.1	6	2.99	5.95	4.16	8.93	6.25	181.7	66.6
49.48717	-126.285	15	15.127	3.58E+04	11.65	31.24	1023.81	23.74	23.74	80.4	6	2.56	5.96	4.17	8.92	6.24	181.6	66.7
49.48717	-126.285	16	16.135	3.57E+04	11.55	31.23	1023.82	23.75	23.75	81.9	5	2.44	5.83	4.08	8.94	6.26	176.9	64.8
49.48717	-126.285	17	17.149	3.55E+04	11.29	31.21	1023.86	23.78	23.78	82.5	4	2.60	5.53	3.87	8.99	6.29	168.7	61.5
49.48717	-126.285	18	18.154	3.55E+04	11.29	31.25	1023.89	23.80	23.80	82.7	4	2.45	5.37	3.76	8.99	6.29	164.6	60.0
49.48717	-126.285	19	19.163	3.57E+04	11.40	31.32	1023.93	23.84	23.84	82.8	4	2.19	5.43	3.80	8.96	6.27	165.9	60.6
49.48717	-126.285	20	20.186	3.59E+04	11.62	31.38	1023.94	23.85	23.85	83.2	3	1.75	5.50	3.85	8.92	6.24	165.8	60.9
49.48717	-126.285	21	21.169	3.54E+04	11.12	31.31	1023.98	23.88	23.88	83.3	3	2.26	5.11	3.58	9.02	6.31	156.0	56.7
49.48717	-126.285	22	22.188	3.55E+04	11.13	31.35	1024.01	23.91	23.91	83.4	3	2.12	4.95	3.47	9.01	6.31	150.9	54.9
49.48717	-126.285	23	23.196	3.54E+04	11.06	31.37	1024.04	23.94	23.94	83.4	3	2.02	4.78	3.35	9.03	6.32	146.2	53.1
49.48717	-126.285	24	24.211	3.55E+04	11.11	31.41	1024.07	23.96	23.96	83.6	2	2.00	4.70	3.29	9.02	6.31	143.4	52.1
49.48717	-126.285	25	25.218	3.55E+04	11.10	31.42	1024.08	23.97	23.97	83.7	2	1.87	4.60	3.22	9.02	6.31	140.2	50.9
49.48717	-126.285	26	26.222	3.54E+04	10.99	31.42	1024.11	23.99	23.99	83.8	2	1.95	4.49	3.14	9.04	6.32	137.2	49.8
49.48717	-126.285	27	27.23	3.55E+04	11.06	31.45	1024.13	24.00	24.00	83.9	2	1.92	4.49	3.14	9.02	6.31	136.5	49.6
49.48717	-126.285	28	28.245	3.54E+04	10.96	31.46	1024.15	24.03	24.03	83.8	2	1.92	4.27	2.99	9.04	6.33	130.1	47.2
49.48717	-126.285	29	29.25	3.54E+04	10.88	31.47	1024.18	24.05	24.05	83.7	2	2.05	4.06	2.84	9.06	6.34	123.8	44.8
49.48717	-126.285	30	30.256	3.53E+04	10.80	31.49	1024.21	24.08	24.08	83.7	2	1.98	3.81	2.67	9.07	6.35	116.2	42.0
49.48717	-126.285	31	31.26	3.54E+04	10.77	31.57	1024.29	24.15	24.15	83.8	2	1.93	3.47	2.43	9.07	6.35	106.1	38.3
49.48717	-126.285	32	32.277	3.55E+04	10.78	31.67	1024.37	24.22	24.22	83.7	2	1.56	3.20	2.24	9.07	6.34	97.7	35.3
49.48717	-126.285	33	33.278	3.55E+04	10.80	31.69	1024.39	24.24	24.23	83.5	2	1.42	3.12	2.19	9.06	6.34	95.4	34.5
49.48717	-126.285	34	34.302	3.56E+04	10.82	31.73	1024.41	24.26	24.26	83.3	2	1.28	3.25	2.28	9.05	6.34	99.3	36.0
49.48717	-126.285	35	35.293	3.57E+04	10.84	31.77	1024.45	24.29	24.29	83.3	2	1.14	3.46	2.42	9.05	6.33	105.6	38.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.48717	-126.285	36	36.311	3.57E+04	10.85	31.78	1024.46	24.30	24.30	83.5	1	1.09	3.59	2.51	9.05	6.33	109.6	39.7
49.48717	-126.285	37	37.309	3.57E+04	10.85	31.80	1024.48	24.31	24.31	83.7	1	1.05	3.65	2.55	9.04	6.33	111.3	40.4
49.48717	-126.285	38	38.334	3.57E+04	10.84	31.82	1024.50	24.33	24.33	83.6	1	1.00	3.75	2.63	9.04	6.33	114.4	41.5
49.48717	-126.285	39	39.334	3.57E+04	10.83	31.84	1024.52	24.35	24.34	83.5	1	0.96	3.85	2.69	9.05	6.33	117.4	42.6
49.48717	-126.285	40	40.341	3.57E+04	10.82	31.85	1024.54	24.36	24.36	83.5	1	0.93	3.93	2.75	9.05	6.33	119.7	43.4
49.48717	-126.285	41	41.357	3.57E+04	10.80	31.86	1024.55	24.36	24.36	83.7	1	0.92	3.98	2.78	9.05	6.33	121.3	43.9
49.48717	-126.285	42	42.355	3.57E+04	10.79	31.86	1024.56	24.37	24.37	83.9	1	0.91	4.02	2.81	9.05	6.33	122.6	44.4
49.48717	-126.285	43	43.366	3.57E+04	10.75	31.88	1024.58	24.39	24.39	83.9	1	0.88	4.10	2.87	9.06	6.34	125.0	45.2
49.48717	-126.285	44	44.372	3.57E+04	10.73	31.88	1024.60	24.40	24.40	83.9	1	0.88	4.16	2.91	9.06	6.34	126.9	45.9
49.48717	-126.285	45	45.387	3.57E+04	10.72	31.89	1024.61	24.41	24.41	83.5	1	0.88	4.24	2.97	9.06	6.34	129.4	46.8
49.48717	-126.285	46	46.411	3.57E+04	10.70	31.91	1024.63	24.42	24.42	83.4	1	0.88	4.37	3.06	9.07	6.34	133.4	48.2
49.48717	-126.285	47	47.406	3.57E+04	10.69	31.91	1024.64	24.43	24.43	83.8	1	0.86	4.46	3.12	9.07	6.35	136.1	49.2
49.48717	-126.285	48	48.417	3.57E+04	10.67	31.92	1024.65	24.43	24.43	84.0	1	0.86	4.51	3.16	9.07	6.35	137.7	49.8
49.48717	-126.285	49	49.425	3.57E+04	10.67	31.92	1024.66	24.44	24.44	83.8	1	0.85	4.56	3.19	9.07	6.35	139.0	50.2
49.48717	-126.285	50	50.436	3.57E+04	10.66	31.93	1024.67	24.44	24.44	83.8	1	0.84	4.60	3.22	9.07	6.35	140.3	50.7
49.48717	-126.285	51	51.44	3.57E+04	10.65	31.93	1024.68	24.45	24.45	83.8	1	0.87	4.64	3.25	9.08	6.35	141.5	51.1
49.48717	-126.285	52	52.455	3.57E+04	10.64	31.94	1024.69	24.46	24.46	83.7	1	0.85	4.67	3.26	9.08	6.35	142.3	51.4
49.48717	-126.285	53	53.449	3.57E+04	10.63	31.95	1024.70	24.46	24.46	83.9	1	0.83	4.69	3.28	9.08	6.35	143.0	51.6
49.48717	-126.285	54	54.468	3.57E+04	10.61	31.95	1024.72	24.47	24.47	83.8	1	0.86	4.70	3.29	9.08	6.36	143.2	51.7
49.48717	-126.285	55	55.478	3.56E+04	10.60	31.96	1024.73	24.48	24.48	83.8	1	0.85	4.70	3.29	9.08	6.36	143.3	51.7
49.48717	-126.285	56	56.487	3.56E+04	10.58	31.96	1024.74	24.48	24.48	83.8	1	0.84	4.69	3.28	9.09	6.36	142.9	51.6
49.48717	-126.285	57	57.494	3.56E+04	10.57	31.97	1024.75	24.49	24.49	83.7	1	0.84	4.67	3.27	9.09	6.36	142.5	51.4
49.48717	-126.285	58	58.506	3.56E+04	10.57	31.97	1024.75	24.49	24.49	83.6	1	0.85	4.67	3.27	9.09	6.36	142.4	51.4
49.48717	-126.285	59	59.51	3.56E+04	10.57	31.97	1024.76	24.49	24.49	83.5	1	0.83	4.68	3.27	9.09	6.36	142.6	51.4
49.48717	-126.285	60	60.517	3.56E+04	10.57	31.97	1024.77	24.49	24.49	83.6	1	0.86	4.68	3.28	9.09	6.36	142.7	51.5
49.48717	-126.285	61	61.528	3.56E+04	10.56	31.97	1024.77	24.50	24.49	83.7	1	0.83	4.68	3.28	9.09	6.36	142.8	51.5
49.48717	-126.285	62	62.545	3.56E+04	10.55	31.98	1024.78	24.50	24.50	83.7	1	0.86	4.68	3.28	9.09	6.36	142.8	51.5
49.48717	-126.285	63	63.55	3.56E+04	10.54	31.98	1024.80	24.51	24.51	83.6	1	0.84	4.67	3.27	9.10	6.36	142.5	51.4
49.48717	-126.285	64	64.556	3.56E+04	10.53	31.99	1024.81	24.52	24.51	83.6	1	0.85	4.67	3.27	9.10	6.37	142.4	51.3
49.48717	-126.285	65	65.57	3.56E+04	10.52	31.99	1024.81	24.52	24.52	83.6	1	0.85	4.67	3.27	9.10	6.37	142.4	51.3
49.48717	-126.285	66	66.574	3.56E+04	10.51	32.00	1024.82	24.52	24.52	83.6	1	0.83	4.67	3.27	9.10	6.37	142.3	51.3
49.48717	-126.285	67	67.579	3.56E+04	10.50	32.00	1024.83	24.53	24.53	83.6	1	0.85	4.64	3.25	9.10	6.37	141.6	51.0
49.48717	-126.285	68	68.596	3.56E+04	10.49	32.01	1024.84	24.54	24.53	83.6	1	0.85	4.61	3.23	9.10	6.37	140.7	50.7
49.48717	-126.285	69	69.604	3.56E+04	10.48	32.01	1024.85	24.54	24.54	83.6	1	0.83	4.59	3.21	9.11	6.37	140.0	50.4
49.48717	-126.285	70	70.61	3.56E+04	10.47	32.01	1024.86	24.54	24.54	83.4	1	0.83	4.58	3.20	9.11	6.37	139.6	50.3
49.48717	-126.285	71	71.621	3.56E+04	10.47	32.01	1024.87	24.54	24.54	83.5	1	0.84	4.57	3.20	9.11	6.37	139.4	50.2

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.48717	-126.285	72	72.632	3.56E+04	10.46	32.02	1024.87	24.55	24.55	83.4	1	0.86	4.56	3.19	9.11	6.37	139.0	50.0
49.48717	-126.285	73	73.641	3.56E+04	10.46	32.02	1024.88	24.55	24.55	83.4	1	0.84	4.55	3.18	9.11	6.37	138.6	49.9
49.48717	-126.285	74	74.652	3.56E+04	10.45	32.02	1024.89	24.55	24.55	83.3	1	0.86	4.53	3.17	9.11	6.38	138.2	49.7
49.48717	-126.285	75	75.66	3.56E+04	10.45	32.02	1024.90	24.55	24.55	83.3	1	0.86	4.54	3.17	9.11	6.38	138.3	49.8
49.48717	-126.285	76	76.67	3.56E+04	10.44	32.02	1024.90	24.56	24.56	83.3	1	0.84	4.53	3.17	9.11	6.38	138.3	49.7
49.48717	-126.285	77	77.673	3.56E+04	10.44	32.03	1024.91	24.56	24.56	83.3	1	0.85	4.52	3.16	9.11	6.38	137.7	49.5
49.48717	-126.285	78	78.683	3.56E+04	10.42	32.04	1024.93	24.57	24.57	83.2	1	0.84	4.47	3.13	9.12	6.38	136.4	49.1
49.48717	-126.285	79	79.694	3.56E+04	10.41	32.04	1024.94	24.58	24.58	83.2	1	0.85	4.43	3.10	9.12	6.38	135.1	48.6
49.48717	-126.285	80	80.703	3.56E+04	10.40	32.05	1024.95	24.58	24.58	83.1	1	0.85	4.40	3.08	9.12	6.38	134.0	48.2
49.48717	-126.285	81	81.709	3.56E+04	10.40	32.05	1024.95	24.58	24.58	82.9	1	0.85	4.37	3.06	9.12	6.38	133.2	47.9
49.48717	-126.285	82	82.733	3.56E+04	10.40	32.05	1024.96	24.59	24.58	82.8	1	0.84	4.34	3.04	9.12	6.38	132.4	47.6
49.48717	-126.285	83	83.727	3.56E+04	10.39	32.05	1024.97	24.59	24.59	82.7	1	0.86	4.33	3.03	9.12	6.38	132.2	47.5
49.48717	-126.285	84	84.756	3.56E+04	10.39	32.06	1024.97	24.59	24.59	82.7	1	0.88	4.33	3.03	9.12	6.38	132.0	47.4
49.48717	-126.285	85	85.744	3.56E+04	10.39	32.06	1024.98	24.59	24.59	82.6	1	0.85	4.32	3.02	9.12	6.38	131.7	47.4
49.48717	-126.285	86	86.753	3.56E+04	10.39	32.06	1024.98	24.59	24.59	82.5	1	0.85	4.31	3.02	9.12	6.38	131.4	47.2
49.48717	-126.285	87	87.768	3.56E+04	10.39	32.06	1024.99	24.60	24.59	82.5	1	0.83	4.28	2.99	9.12	6.38	130.5	46.9
49.48717	-126.285	88	88.771	3.56E+04	10.38	32.07	1025.00	24.60	24.60	82.5	1	0.85	4.21	2.95	9.12	6.38	128.5	46.2
49.48717	-126.285	89	89.786	3.56E+04	10.38	32.07	1025.01	24.60	24.60	82.4	1	0.86	4.14	2.90	9.12	6.38	126.4	45.4
49.48717	-126.285	90	90.787	3.56E+04	10.37	32.07	1025.02	24.61	24.60	82.2	1	0.87	4.10	2.87	9.12	6.38	125.1	45.0
49.48717	-126.285	91	91.801	3.56E+04	10.37	32.07	1025.02	24.61	24.60	81.9	1	0.88	4.08	2.86	9.12	6.38	124.6	44.8
49.48717	-126.285	92	92.815	3.56E+04	10.37	32.07	1025.03	24.61	24.61	81.6	1	0.87	4.07	2.85	9.12	6.38	124.2	44.7
49.48717	-126.285	93	93.823	3.56E+04	10.37	32.08	1025.03	24.61	24.61	81.5	1	0.86	4.05	2.83	9.12	6.38	123.5	44.4
49.48717	-126.285	94	94.829	3.56E+04	10.37	32.08	1025.04	24.61	24.61	81.4	1	0.88	4.02	2.81	9.12	6.38	122.5	44.0
49.48717	-126.285	95	95.836	3.56E+04	10.37	32.08	1025.04	24.61	24.61	81.2	1	0.88	4.00	2.80	9.12	6.38	121.9	43.8
49.48717	-126.285	96	96.849	3.56E+04	10.37	32.08	1025.05	24.61	24.61	81.0	1	0.88	3.98	2.79	9.12	6.38	121.5	43.7
49.48717	-126.285	97	97.856	3.56E+04	10.37	32.08	1025.05	24.61	24.61	80.8	1	0.86	3.97	2.78	9.12	6.38	121.0	43.5
49.48717	-126.285	98	98.867	3.56E+04	10.37	32.08	1025.06	24.61	24.61	80.8	1	0.89	3.94	2.76	9.12	6.38	120.2	43.2
49.48717	-126.285	99	99.877	3.56E+04	10.36	32.09	1025.07	24.62	24.62	80.3	1	0.87	3.90	2.73	9.12	6.38	118.9	42.7
49.48717	-126.285	100	100.887	3.56E+04	10.36	32.09	1025.07	24.62	24.62	80.4	1	0.88	3.87	2.71	9.12	6.38	117.9	42.4
49.48717	-126.285	101	101.894	3.56E+04	10.36	32.09	1025.08	24.62	24.62	80.3	1	0.89	3.84	2.69	9.12	6.39	117.1	42.1
49.48717	-126.285	102	102.899	3.56E+04	10.36	32.09	1025.09	24.62	24.62	79.8	1	0.90	3.81	2.67	9.12	6.39	116.2	41.7
49.48717	-126.285	103	103.913	3.56E+04	10.36	32.09	1025.09	24.62	24.62	79.6	1	0.91	3.77	2.64	9.13	6.39	115.1	41.3
49.48717	-126.285	104	104.919	3.56E+04	10.36	32.09	1025.10	24.62	24.62	79.3	1	0.90	3.73	2.61	9.13	6.39	113.8	40.9
49.48717	-126.285	105	105.927	3.56E+04	10.36	32.09	1025.10	24.63	24.62	78.9	1	0.92	3.69	2.58	9.13	6.39	112.5	40.4

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation71sydney85mz18:40h8/20/05																		
49.50317	-126.292	2	2.207	3.75E+04	15.78	29.51	1021.58	21.57	21.57	58.9	202	14.36	9.34	6.54	8.28	5.79	273.3	108.0
49.50317	-126.292	3	3.025	3.70E+04	14.45	30.09	1022.31	22.30	22.30	59.0	139	13.83	8.88	6.21	8.47	5.93	261.2	100.9
49.50317	-126.292	4	4.032	3.61E+04	12.71	30.60	1023.06	23.04	23.04	59.9	87	13.34	8.25	5.77	8.76	6.13	247.5	92.5
49.50317	-126.292	5	5.044	3.56E+04	11.98	30.77	1023.33	23.31	23.31	60.1	56	11.29	7.66	5.36	8.88	6.22	231.9	85.5
49.50317	-126.292	6	6.053	3.53E+04	11.56	30.85	1023.47	23.45	23.45	62.3	37	12.29	7.11	4.98	8.96	6.27	216.2	79.0
49.50317	-126.292	7	7.062	3.52E+04	11.39	30.87	1023.53	23.50	23.50	64.3	25	12.56	6.63	4.64	8.99	6.29	202.9	73.9
49.50317	-126.292	8	8.069	3.53E+04	11.37	30.95	1023.60	23.56	23.56	65.7	19	10.30	6.40	4.48	8.99	6.29	195.9	71.4
49.50317	-126.292	9	9.078	3.55E+04	11.52	31.00	1023.61	23.57	23.57	68.4	14	7.71	6.29	4.40	8.96	6.27	192.0	70.2
49.50317	-126.292	10	10.086	3.54E+04	11.49	31.00	1023.62	23.58	23.58	70.8	11	6.91	6.22	4.35	8.96	6.27	189.4	69.2
49.50317	-126.292	11	11.095	3.54E+04	11.43	31.05	1023.68	23.63	23.62	72.6	9	6.21	6.06	4.24	8.97	6.28	183.9	67.1
49.50317	-126.292	12	12.102	3.54E+04	11.34	31.05	1023.70	23.64	23.64	75.1	7	4.78	5.83	4.08	8.99	6.29	176.4	64.3
49.50317	-126.292	13	13.111	3.50E+04	10.96	30.99	1023.72	23.66	23.66	76.1	6	4.79	5.47	3.83	9.07	6.35	166.9	60.3
49.50317	-126.292	14	14.119	3.50E+04	10.93	31.03	1023.76	23.70	23.70	76.9	5	4.60	5.25	3.67	9.07	6.35	159.2	57.5
49.50317	-126.292	15	15.126	3.48E+04	10.71	31.01	1023.79	23.72	23.72	77.7	4	3.99	4.91	3.43	9.12	6.38	149.7	53.8
49.50317	-126.292	16	16.137	3.48E+04	10.65	31.04	1023.83	23.75	23.75	78.9	4	3.50	4.70	3.29	9.13	6.39	143.6	51.6
49.50317	-126.292	17	17.149	3.49E+04	10.74	31.08	1023.85	23.77	23.77	79.7	3	3.25	4.66	3.26	9.11	6.37	142.1	51.1
49.50317	-126.292	18	18.15	3.49E+04	10.73	31.11	1023.87	23.79	23.79	80.7	3	3.03	4.57	3.20	9.11	6.37	138.9	50.0
49.50317	-126.292	19	19.164	3.47E+04	10.54	31.11	1023.91	23.82	23.82	81.4	3	2.94	4.35	3.04	9.15	6.40	132.6	47.5
49.50317	-126.292	20	20.17	3.47E+04	10.48	31.15	1023.96	23.87	23.87	81.6	2	2.74	4.14	2.89	9.16	6.41	126.5	45.3
49.50317	-126.292	21	21.18	3.48E+04	10.54	31.19	1023.99	23.89	23.89	81.8	2	2.60	4.07	2.85	9.14	6.40	124.5	44.6
49.50317	-126.292	22	22.186	3.49E+04	10.57	31.22	1024.01	23.91	23.91	82.3	2	2.89	4.03	2.82	9.13	6.39	123.2	44.2
49.50317	-126.292	23	23.196	3.50E+04	10.61	31.27	1024.04	23.94	23.94	82.6	2	2.52	4.00	2.80	9.12	6.38	122.0	43.8
49.50317	-126.292	24	24.208	3.50E+04	10.59	31.30	1024.08	23.97	23.97	82.8	2	2.42	3.88	2.72	9.13	6.39	118.7	42.6
49.50317	-126.292	25	25.218	3.51E+04	10.68	31.36	1024.11	24.00	24.00	83.1	2	2.41	3.87	2.71	9.10	6.37	118.1	42.5
49.50317	-126.292	26	26.225	3.51E+04	10.69	31.39	1024.14	24.02	24.02	83.3	2	2.37	3.80	2.66	9.10	6.37	115.9	41.7
49.50317	-126.292	27	27.233	3.52E+04	10.69	31.44	1024.18	24.06	24.06	83.5	2	2.28	3.63	2.54	9.10	6.37	110.7	39.9
49.50317	-126.292	28	28.241	3.52E+04	10.69	31.47	1024.21	24.08	24.08	83.4	2	2.17	3.48	2.44	9.10	6.36	106.3	38.3
49.50317	-126.292	29	29.254	3.53E+04	10.69	31.49	1024.23	24.10	24.10	83.5	2	2.09	3.34	2.34	9.09	6.36	102.2	36.8
49.50317	-126.292	30	30.261	3.54E+04	10.72	31.57	1024.29	24.15	24.15	83.6	2	1.95	3.15	2.21	9.08	6.36	96.3	34.7
49.50317	-126.292	31	31.26	3.55E+04	10.76	31.63	1024.34	24.20	24.20	83.5	2	1.68	3.07	2.15	9.07	6.35	93.8	33.9
49.50317	-126.292	32	32.272	3.55E+04	10.77	31.65	1024.36	24.21	24.21	83.4	1	1.58	3.03	2.12	9.07	6.35	92.4	33.4
49.50317	-126.292	33	33.291	3.55E+04	10.79	31.68	1024.38	24.23	24.23	83.0	1	1.47	2.92	2.04	9.06	6.34	89.2	32.3
49.50317	-126.292	34	34.295	3.56E+04	10.80	31.71	1024.40	24.25	24.25	83.4	1	1.42	2.91	2.03	9.06	6.34	88.8	32.1
49.50317	-126.292	35	35.302	3.56E+04	10.83	31.75	1024.44	24.28	24.28	83.2	1	1.23	3.15	2.20	9.05	6.33	96.1	34.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.50317	-126.292	36	36.314	3.57E+04	10.85	31.78	1024.46	24.30	24.30	83.1	1	1.12	3.40	2.38	9.05	6.33	103.7	37.6
49.50317	-126.292	37	37.321	3.57E+04	10.85	31.80	1024.48	24.31	24.31	83.1	1	1.07	3.54	2.48	9.05	6.33	108.0	39.2
49.50317	-126.292	38	38.332	3.57E+04	10.83	31.81	1024.49	24.32	24.32	83.1	1	1.04	3.64	2.55	9.05	6.33	111.1	40.3
49.50317	-126.292	39	39.334	3.57E+04	10.82	31.82	1024.51	24.33	24.33	82.9	1	0.99	3.71	2.59	9.05	6.33	112.9	40.9
49.50317	-126.292	40	40.349	3.57E+04	10.78	31.82	1024.52	24.34	24.34	82.9	1	1.01	3.74	2.62	9.06	6.34	114.0	41.3
49.50317	-126.292	41	41.36	3.57E+04	10.76	31.83	1024.53	24.35	24.35	82.9	1	1.14	3.79	2.65	9.06	6.34	115.5	41.8
49.50317	-126.292	42	42.356	3.57E+04	10.76	31.84	1024.55	24.36	24.36	82.9	1	0.96	3.85	2.70	9.06	6.34	117.5	42.5
49.50317	-126.292	43	43.37	3.57E+04	10.76	31.85	1024.56	24.37	24.37	82.5	1	1.04	3.89	2.72	9.06	6.34	118.8	43.0
49.50317	-126.292	44	44.383	3.57E+04	10.77	31.86	1024.58	24.38	24.37	82.5	1	0.93	3.95	2.77	9.06	6.34	120.5	43.6
49.50317	-126.292	45	45.397	3.57E+04	10.76	31.87	1024.59	24.38	24.38	82.3	1	0.91	4.01	2.81	9.06	6.34	122.3	44.3
49.50317	-126.292	46	46.403	3.57E+04	10.74	31.87	1024.60	24.39	24.39	82.2	1	0.91	4.04	2.82	9.06	6.34	123.1	44.5
49.50317	-126.292	47	47.407	3.57E+04	10.72	31.88	1024.61	24.40	24.39	82.1	1	0.94	4.08	2.85	9.07	6.34	124.3	44.9
49.50317	-126.292	48	48.424	3.57E+04	10.72	31.89	1024.62	24.40	24.40	82.4	1	0.90	4.17	2.91	9.06	6.34	127.0	45.9
49.50317	-126.292	49	49.43	3.57E+04	10.71	31.90	1024.63	24.41	24.41	82.6	1	0.90	4.24	2.97	9.07	6.34	129.4	46.8
49.50317	-126.292	50	50.435	3.57E+04	10.69	31.90	1024.65	24.42	24.42	82.6	1	0.88	4.32	3.02	9.07	6.35	131.6	47.6
49.50317	-126.292	51	51.439	3.57E+04	10.68	31.91	1024.66	24.43	24.43	82.7	1	0.86	4.38	3.06	9.07	6.35	133.5	48.2
49.50317	-126.292	52	52.451	3.57E+04	10.67	31.91	1024.67	24.43	24.43	82.6	1	0.89	4.42	3.10	9.07	6.35	134.9	48.7
49.50317	-126.292	53	53.461	3.57E+04	10.67	31.92	1024.68	24.43	24.43	82.9	1	0.88	4.45	3.12	9.07	6.35	135.8	49.1
49.50317	-126.292	54	54.473	3.57E+04	10.65	31.92	1024.69	24.44	24.44	82.9	1	1.78	4.47	3.13	9.08	6.35	136.3	49.2
49.50317	-126.292	55	55.482	3.57E+04	10.64	31.93	1024.70	24.45	24.45	83.0	1	0.87	4.51	3.15	9.08	6.35	137.5	49.6
49.50317	-126.292	56	56.49	3.57E+04	10.62	31.94	1024.72	24.46	24.46	82.8	1	0.85	4.55	3.18	9.08	6.35	138.7	50.1
49.50317	-126.292	57	57.503	3.56E+04	10.59	31.96	1024.74	24.48	24.48	82.8	1	0.85	4.57	3.20	9.09	6.36	139.3	50.3
49.50317	-126.292	58	58.505	3.56E+04	10.56	31.97	1024.76	24.50	24.50	82.7	1	0.85	4.56	3.19	9.09	6.36	139.0	50.1
49.50317	-126.292	59	59.515	3.56E+04	10.54	31.98	1024.78	24.51	24.51	82.6	1	0.90	4.53	3.17	9.09	6.36	138.1	49.8
49.50317	-126.292	60	60.524	3.56E+04	10.53	31.99	1024.79	24.52	24.51	82.5	1	0.88	4.48	3.14	9.10	6.37	136.7	49.3
49.50317	-126.292	61	61.533	3.56E+04	10.51	32.00	1024.80	24.52	24.52	82.5	1	0.86	4.46	3.12	9.10	6.37	136.0	49.0
49.50317	-126.292	62	62.543	3.56E+04	10.50	32.00	1024.81	24.53	24.53	82.6	1	0.85	4.44	3.11	9.10	6.37	135.4	48.8
49.50317	-126.292	63	63.551	3.56E+04	10.49	32.01	1024.82	24.53	24.53	82.4	1	0.85	4.43	3.10	9.10	6.37	135.0	48.6
49.50317	-126.292	64	64.56	3.56E+04	10.48	32.01	1024.83	24.54	24.54	82.4	1	0.83	4.42	3.09	9.11	6.37	134.8	48.5
49.50317	-126.292	65	65.566	3.56E+04	10.48	32.01	1024.84	24.54	24.54	82.2	1	0.85	4.42	3.09	9.11	6.37	134.7	48.5
49.50317	-126.292	66	66.58	3.56E+04	10.47	32.01	1024.84	24.54	24.54	82.2	1	0.86	4.41	3.08	9.11	6.37	134.4	48.4
49.50317	-126.292	67	67.587	3.56E+04	10.47	32.01	1024.85	24.54	24.54	82.2	1	0.83	4.40	3.08	9.11	6.37	134.1	48.3
49.50317	-126.292	68	68.596	3.56E+04	10.47	32.02	1024.86	24.55	24.54	82.1	1	0.84	4.39	3.07	9.11	6.37	133.8	48.2
49.50317	-126.292	69	69.606	3.56E+04	10.46	32.02	1024.86	24.55	24.55	82.3	1	0.87	4.36	3.05	9.11	6.37	133.0	47.9
49.50317	-126.292	70	70.614	3.56E+04	10.45	32.02	1024.87	24.55	24.55	82.3	1	0.86	4.34	3.04	9.11	6.37	132.3	47.6
49.50317	-126.292	71	71.623	3.56E+04	10.45	32.02	1024.88	24.56	24.55	81.9	1	0.85	4.30	3.01	9.11	6.38	131.1	47.2

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.50317	-126.292	72	72.629	3.56E+04	10.44	32.03	1024.89	24.56	24.56	82.4	1	0.85	4.26	2.98	9.11	6.38	129.8	46.7
49.50317	-126.292	73	73.638	3.56E+04	10.43	32.03	1024.90	24.56	24.56	82.2	1	0.85	4.23	2.96	9.11	6.38	128.9	46.4
49.50317	-126.292	74	74.651	3.56E+04	10.42	32.04	1024.91	24.57	24.57	82.2	1	0.86	4.20	2.94	9.12	6.38	128.1	46.1
49.50317	-126.292	75	75.658	3.56E+04	10.42	32.04	1024.91	24.57	24.57	82.1	1	0.85	4.18	2.93	9.12	6.38	127.6	45.9
49.50317	-126.292	76	76.67	3.56E+04	10.42	32.04	1024.92	24.57	24.57	82.0	1	0.88	4.17	2.92	9.12	6.38	127.2	45.8
49.50317	-126.292	77	77.678	3.56E+04	10.41	32.04	1024.92	24.57	24.57	81.8	1	0.85	4.15	2.90	9.12	6.38	126.6	45.5
49.50317	-126.292	78	78.686	3.56E+04	10.41	32.04	1024.93	24.57	24.57	81.7	1	0.87	4.11	2.88	9.12	6.38	125.5	45.1
49.50317	-126.292	79	79.694	3.56E+04	10.41	32.04	1024.94	24.58	24.58	81.6	1	0.88	4.07	2.85	9.12	6.38	124.0	44.6
49.50317	-126.292	80	80.705	3.56E+04	10.40	32.05	1024.95	24.58	24.58	81.4	1	0.86	4.04	2.82	9.12	6.38	123.1	44.3
49.50317	-126.292	81	81.676	3.56E+04	10.39	32.05	1024.95	24.59	24.58	81.6	1	0.86	4.03	2.82	9.12	6.38	123.1	44.2

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
day o quot station 72 head of shelter near confluence with sydney 68 mz 07:33 h 8/21/05																		
49.3975	-126.217	2	2.185	3.68E+04	13.33	30.76	1023.06	23.05	23.05	66.2	206	9.87	7.12	4.98	8.63	6.04	217.3	82.4
49.3975	-126.217	3	3.021	3.68E+04	13.30	30.78	1023.08	23.06	23.06	67.3	148	8.25	7.01	4.91	8.64	6.04	213.6	81.0
49.3975	-126.217	4	4.032	3.67E+04	13.23	30.80	1023.11	23.09	23.09	68.9	100	8.03	6.89	4.82	8.65	6.05	209.5	79.3
49.3975	-126.217	5	5.044	3.67E+04	13.05	30.88	1023.22	23.20	23.20	70.1	69	6.89	6.77	4.73	8.68	6.07	206.0	77.7
49.3975	-126.217	6	6.052	3.66E+04	12.94	30.96	1023.31	23.28	23.28	70.9	51	5.69	6.70	4.69	8.70	6.08	204.0	76.8
49.3975	-126.217	7	7.06	3.67E+04	12.78	31.12	1023.46	23.43	23.43	72.5	38	5.13	6.72	4.70	8.72	6.10	204.8	77.0
49.3975	-126.217	8	8.067	3.67E+04	12.68	31.25	1023.58	23.55	23.55	74.8	29	5.06	6.80	4.76	8.73	6.11	207.8	78.0
49.3975	-126.217	9	9.078	3.68E+04	12.71	31.29	1023.62	23.58	23.58	77.1	23	5.30	6.95	4.86	8.72	6.10	211.5	79.5
49.3975	-126.217	10	10.085	3.68E+04	12.56	31.38	1023.72	23.67	23.67	77.0	18	4.69	6.95	4.86	8.74	6.12	212.0	79.4
49.3975	-126.217	11	11.095	3.67E+04	12.50	31.41	1023.75	23.71	23.71	77.3	14	4.07	6.92	4.84	8.75	6.12	211.1	79.0
49.3975	-126.217	12	12.096	3.67E+04	12.48	31.41	1023.77	23.72	23.72	77.8	12	4.04	6.89	4.82	8.75	6.13	210.3	78.7
49.3975	-126.217	13	13.114	3.67E+04	12.46	31.43	1023.79	23.73	23.73	78.0	10	3.96	6.88	4.81	8.76	6.13	209.8	78.5
49.3975	-126.217	14	14.115	3.67E+04	12.44	31.44	1023.80	23.74	23.74	78.1	8	4.00	6.87	4.81	8.76	6.13	209.6	78.4
49.3975	-126.217	15	15.13	3.67E+04	12.44	31.44	1023.81	23.74	23.74	78.3	7	3.83	6.87	4.81	8.76	6.13	209.6	78.4
49.3975	-126.217	16	16.137	3.67E+04	12.44	31.44	1023.82	23.75	23.74	78.4	6	3.83	6.87	4.81	8.76	6.13	209.6	78.4
49.3975	-126.217	17	17.149	3.67E+04	12.44	31.44	1023.82	23.74	23.74	78.5	5	3.95	6.87	4.80	8.76	6.13	209.5	78.4
49.3975	-126.217	18	18.152	3.67E+04	12.44	31.44	1023.82	23.74	23.74	78.5	4	3.81	6.87	4.80	8.76	6.13	209.5	78.3
49.3975	-126.217	19	19.164	3.67E+04	12.43	31.44	1023.84	23.75	23.75	78.4	4	3.72	6.86	4.80	8.76	6.13	209.3	78.3
49.3975	-126.217	20	20.174	3.67E+04	12.40	31.46	1023.86	23.77	23.77	78.6	3	3.61	6.85	4.79	8.77	6.13	208.9	78.1
49.3975	-126.217	21	21.187	3.67E+04	12.38	31.46	1023.87	23.77	23.77	78.7	3	3.51	6.83	4.78	8.77	6.14	208.4	77.8
49.3975	-126.217	22	22.186	3.67E+04	12.37	31.47	1023.88	23.78	23.78	78.9	3	3.51	6.82	4.77	8.77	6.14	208.0	77.7
49.3975	-126.217	23	23.199	3.67E+04	12.35	31.47	1023.89	23.78	23.78	79.0	3	3.46	6.80	4.76	8.77	6.14	207.5	77.5
49.3975	-126.217	24	24.206	3.67E+04	12.34	31.47	1023.90	23.79	23.79	79.1	2	3.40	6.79	4.75	8.78	6.14	207.1	77.3
49.3975	-126.217	25	25.217	3.67E+04	12.31	31.48	1023.92	23.80	23.80	79.1	2	3.21	6.76	4.73	8.78	6.15	205.7	76.7
49.3975	-126.217	26	26.224	3.66E+04	12.17	31.53	1023.98	23.86	23.86	79.4	2	2.90	6.64	4.65	8.81	6.16	202.3	75.3
49.3975	-126.217	27	27.24	3.65E+04	12.04	31.57	1024.04	23.92	23.92	79.8	2	2.58	6.52	4.56	8.83	6.18	198.7	73.8
49.3975	-126.217	28	28.239	3.65E+04	11.98	31.58	1024.07	23.94	23.94	80.3	2	2.54	6.45	4.51	8.84	6.18	196.6	72.9
49.3975	-126.217	29	29.25	3.65E+04	11.95	31.60	1024.09	23.96	23.96	80.7	2	2.33	6.40	4.48	8.84	6.19	195.1	72.3
49.3975	-126.217	30	30.259	3.64E+04	11.90	31.62	1024.12	23.98	23.98	80.9	2	2.30	6.34	4.44	8.85	6.19	193.3	71.5
49.3975	-126.217	31	31.27	3.64E+04	11.81	31.65	1024.17	24.03	24.03	80.9	2	2.37	6.27	4.39	8.87	6.20	191.4	70.7
49.3975	-126.217	32	32.281	3.64E+04	11.80	31.66	1024.18	24.03	24.03	80.8	2	2.28	6.24	4.37	8.87	6.21	190.5	70.4
49.3975	-126.217	33	33.284	3.64E+04	11.79	31.66	1024.19	24.04	24.04	80.8	2	2.33	6.22	4.35	8.87	6.21	189.9	70.2
49.3975	-126.217	34	34.289	3.64E+04	11.79	31.66	1024.19	24.04	24.04	80.7	1	2.26	6.22	4.35	8.87	6.21	189.4	69.9
49.3975	-126.217	35	35.301	3.63E+04	11.71	31.68	1024.22	24.07	24.06	80.7	1	2.12	6.13	4.29	8.89	6.22	186.4	68.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.3975	-126.217	36	36.309	3.62E+04	11.53	31.73	1024.30	24.14	24.14	80.6	1	1.88	5.96	4.17	8.92	6.24	181.6	66.7
49.3975	-126.217	37	37.321	3.62E+04	11.48	31.74	1024.32	24.16	24.16	80.5	1	1.83	5.86	4.10	8.93	6.25	178.8	65.7
49.3975	-126.217	38	38.333	3.62E+04	11.47	31.74	1024.33	24.16	24.16	80.6	1	1.82	5.82	4.07	8.93	6.25	177.6	65.2
49.3975	-126.217	39	39.339	3.62E+04	11.46	31.75	1024.34	24.16	24.16	80.7	1	1.78	5.80	4.06	8.93	6.25	176.9	64.9
49.3975	-126.217	40	40.346	3.62E+04	11.45	31.75	1024.35	24.17	24.17	80.7	1	1.80	5.78	4.04	8.93	6.25	176.3	64.7
49.3975	-126.217	41	41.352	3.62E+04	11.44	31.75	1024.35	24.17	24.17	80.6	1	1.83	5.76	4.03	8.93	6.25	175.4	64.4
49.3975	-126.217	42	42.366	3.61E+04	11.37	31.77	1024.39	24.20	24.20	80.6	1	1.84	5.69	3.98	8.94	6.26	173.2	63.5
49.3975	-126.217	43	43.373	3.61E+04	11.28	31.80	1024.43	24.24	24.24	80.5	1	1.85	5.59	3.91	8.96	6.27	170.2	62.3
49.3975	-126.217	44	44.38	3.60E+04	11.19	31.83	1024.47	24.27	24.27	80.1	1	1.78	5.48	3.84	8.98	6.28	167.1	61.0
49.3975	-126.217	45	45.391	3.60E+04	11.14	31.84	1024.50	24.30	24.29	79.4	1	1.77	5.40	3.78	8.98	6.29	164.6	60.0
49.3975	-126.217	46	46.401	3.60E+04	11.10	31.85	1024.52	24.31	24.31	79.1	1	1.72	5.31	3.72	8.99	6.29	161.7	58.9
49.3975	-126.217	47	47.41	3.59E+04	10.98	31.89	1024.57	24.36	24.36	78.8	1	1.52	5.17	3.62	9.01	6.31	157.5	57.3
49.3975	-126.217	48	48.418	3.59E+04	10.92	31.90	1024.60	24.38	24.38	78.5	1	1.46	5.04	3.53	9.03	6.32	153.5	55.8
49.3975	-126.217	49	49.429	3.58E+04	10.82	31.93	1024.64	24.42	24.42	78.2	1	1.42	4.89	3.42	9.04	6.33	149.1	54.0
49.3975	-126.217	50	50.431	3.58E+04	10.76	31.95	1024.67	24.44	24.44	77.5	1	1.25	4.80	3.36	9.05	6.34	146.3	53.0
49.3975	-126.217	51	51.449	3.58E+04	10.74	31.95	1024.68	24.45	24.45	76.8	1	1.14	4.75	3.32	9.06	6.34	144.9	52.4
49.3975	-126.217	52	52.452	3.58E+04	10.73	31.95	1024.69	24.45	24.45	76.6	1	1.17	4.72	3.30	9.06	6.34	144.0	52.1
49.3975	-126.217	53	53.468	3.58E+04	10.72	31.96	1024.70	24.46	24.46	76.3	1	1.16	4.70	3.29	9.06	6.34	143.3	51.9
49.3975	-126.217	54	54.468	3.57E+04	10.71	31.96	1024.71	24.46	24.46	76.4	1	1.16	4.68	3.28	9.06	6.34	142.8	51.6
49.3975	-126.217	55	55.48	3.57E+04	10.71	31.96	1024.71	24.46	24.46	76.2	1	1.12	4.67	3.27	9.06	6.34	142.5	51.6
49.3975	-126.217	56	56.491	3.57E+04	10.70	31.96	1024.72	24.46	24.46	76.1	1	1.15	4.66	3.26	9.06	6.34	142.2	51.4
49.3975	-126.217	57	57.499	3.57E+04	10.70	31.96	1024.72	24.46	24.46	75.8	1	1.12	4.65	3.25	9.06	6.34	141.8	51.3
49.3975	-126.217	58	58.504	3.57E+04	10.70	31.96	1024.73	24.47	24.46	75.4	1	1.17	4.64	3.25	9.07	6.34	141.6	51.2
49.3975	-126.217	59	59.518	3.57E+04	10.70	31.96	1024.73	24.47	24.46	75.1	1	1.13	4.64	3.25	9.07	6.34	141.5	51.2
49.3975	-126.217	60	60.525	3.57E+04	10.70	31.96	1024.74	24.46	24.46	74.8	1	1.13	4.65	3.25	9.07	6.34	141.7	51.2
49.3975	-126.217	61	61.534	3.57E+04	10.70	31.96	1024.74	24.46	24.46	74.5	1	1.11	4.63	3.24	9.07	6.34	141.3	51.1
49.3975	-126.217	62	62.541	3.57E+04	10.68	31.97	1024.75	24.47	24.47	74.4	1	1.12	4.62	3.23	9.07	6.35	140.8	50.9
49.3975	-126.217	63	63.55	3.57E+04	10.67	31.97	1024.76	24.47	24.47	74.0	1	1.16	4.60	3.22	9.07	6.35	140.2	50.7
49.3975	-126.217	64	64.558	3.57E+04	10.67	31.97	1024.77	24.48	24.47	73.7	1	1.18	4.59	3.21	9.07	6.35	139.9	50.6
49.3975	-126.217	65	65.568	3.57E+04	10.67	31.97	1024.77	24.48	24.47	73.0	1	1.18	4.58	3.21	9.07	6.35	139.7	50.5

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 73 shelter 78 mz 7:58 8/21/05																		
49.38967	-126.187	2	2.233	3.72E+04	14.31	30.38	1022.57	22.56	22.56	59.2	249	15.54	8.22	5.75	8.48	5.93	249.2	96.1
49.38967	-126.187	3	3.03	3.72E+04	14.14	30.48	1022.68	22.67	22.67	59.3	170	15.60	7.99	5.59	8.50	5.95	241.4	92.9
49.38967	-126.187	4	4.034	3.69E+04	13.60	30.70	1022.96	22.94	22.94	59.6	105	11.01	7.54	5.28	8.59	6.01	229.7	87.5
49.38967	-126.187	5	5.043	3.69E+04	13.46	30.76	1023.04	23.02	23.02	60.7	67	8.97	7.34	5.14	8.61	6.03	223.7	85.0
49.38967	-126.187	6	6.052	3.69E+04	13.37	30.81	1023.10	23.07	23.07	64.4	43	8.75	7.20	5.04	8.63	6.04	219.5	83.3
49.38967	-126.187	7	7.06	3.68E+04	13.32	30.84	1023.14	23.11	23.11	66.0	31	8.33	7.13	4.99	8.63	6.04	216.1	81.9
49.38967	-126.187	8	8.069	3.68E+04	13.14	30.92	1023.24	23.21	23.21	67.4	23	7.18	6.93	4.85	8.66	6.06	210.3	79.5
49.38967	-126.187	9	9.076	3.67E+04	12.84	31.04	1023.40	23.36	23.36	69.6	18	5.06	6.76	4.73	8.71	6.09	206.1	77.5
49.38967	-126.187	10	10.089	3.66E+04	12.80	31.06	1023.43	23.38	23.38	71.6	14	4.72	6.67	4.67	8.71	6.10	203.2	76.4
49.38967	-126.187	11	11.093	3.66E+04	12.75	31.08	1023.45	23.40	23.40	73.7	11	4.58	6.58	4.61	8.72	6.10	200.4	75.2
49.38967	-126.187	12	12.105	3.66E+04	12.61	31.15	1023.54	23.48	23.48	75.2	9	3.82	6.52	4.56	8.74	6.12	198.8	74.5
49.38967	-126.187	13	13.112	3.66E+04	12.53	31.27	1023.65	23.59	23.59	76.5	7	3.24	6.59	4.61	8.75	6.13	201.2	75.3
49.38967	-126.187	14	14.119	3.66E+04	12.49	31.32	1023.71	23.64	23.64	77.6	6	2.94	6.67	4.67	8.76	6.13	203.5	76.1
49.38967	-126.187	15	15.13	3.66E+04	12.48	31.34	1023.73	23.66	23.66	78.5	5	2.89	6.71	4.69	8.76	6.13	204.6	76.5
49.38967	-126.187	16	16.143	3.66E+04	12.44	31.37	1023.77	23.69	23.69	79.2	4	2.76	6.71	4.70	8.76	6.13	204.9	76.6
49.38967	-126.187	17	17.136	3.66E+04	12.42	31.39	1023.78	23.71	23.71	80.1	4	2.84	6.72	4.70	8.77	6.13	205.1	76.6
49.38967	-126.187	18	18.152	3.66E+04	12.41	31.40	1023.80	23.72	23.72	80.4	4	2.83	6.73	4.71	8.77	6.14	204.9	76.5
49.38967	-126.187	19	19.164	3.66E+04	12.28	31.46	1023.87	23.79	23.79	80.6	3	2.87	6.69	4.68	8.79	6.15	203.7	75.9
49.38967	-126.187	20	20.171	3.66E+04	12.19	31.51	1023.94	23.85	23.85	80.6	3	2.66	6.64	4.65	8.80	6.16	202.5	75.4
49.38967	-126.187	21	21.176	3.66E+04	12.15	31.53	1023.96	23.87	23.87	80.6	3	2.60	6.60	4.62	8.81	6.17	201.2	74.8
49.38967	-126.187	22	22.186	3.65E+04	12.09	31.53	1023.98	23.88	23.88	80.7	2	2.44	6.53	4.57	8.82	6.17	199.2	74.0
49.38967	-126.187	23	23.2	3.65E+04	12.06	31.54	1024.00	23.90	23.90	80.7	2	2.44	6.49	4.54	8.83	6.18	198.0	73.5
49.38967	-126.187	24	24.203	3.65E+04	12.02	31.58	1024.04	23.93	23.93	80.8	2	2.47	6.49	4.54	8.83	6.18	198.0	73.5
49.38967	-126.187	25	25.214	3.65E+04	12.01	31.59	1024.05	23.94	23.94	80.8	2	2.45	6.48	4.54	8.83	6.18	197.3	73.2
49.38967	-126.187	26	26.227	3.64E+04	11.90	31.61	1024.09	23.98	23.98	80.8	2	2.27	6.38	4.46	8.85	6.19	194.3	71.9
49.38967	-126.187	27	27.236	3.64E+04	11.79	31.65	1024.15	24.03	24.03	81.0	2	2.06	6.28	4.39	8.87	6.21	191.3	70.7
49.38967	-126.187	28	28.245	3.63E+04	11.73	31.67	1024.18	24.05	24.05	81.1	2	2.01	6.21	4.35	8.88	6.21	189.0	69.7
49.38967	-126.187	29	29.253	3.63E+04	11.62	31.71	1024.23	24.10	24.10	81.1	2	2.05	6.08	4.26	8.90	6.23	184.9	68.1
49.38967	-126.187	30	30.263	3.62E+04	11.45	31.76	1024.31	24.17	24.17	81.2	2	1.84	5.91	4.14	8.93	6.25	179.7	65.9
49.38967	-126.187	31	31.263	3.61E+04	11.31	31.79	1024.37	24.23	24.22	80.9	2	1.78	5.71	3.99	8.95	6.27	173.4	63.5
49.38967	-126.187	32	32.275	3.60E+04	11.11	31.85	1024.45	24.31	24.31	80.9	2	1.60	5.47	3.83	8.99	6.29	166.9	60.8
49.38967	-126.187	33	33.272	3.60E+04	11.10	31.85	1024.46	24.31	24.31	80.3	2	1.49	5.38	3.76	8.99	6.29	164.0	59.8
49.38967	-126.187	34	34.295	3.60E+04	11.10	31.85	1024.46	24.31	24.31	79.5	1	1.58	5.33	3.73	8.99	6.29	162.7	59.3
49.38967	-126.187	35	35.302	3.60E+04	11.10	31.85	1024.47	24.31	24.31	79.0	1	1.50	5.31	3.72	8.99	6.29	161.8	59.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.38967	-126.187	36	36.306	3.60E+04	11.07	31.86	1024.48	24.32	24.32	78.9	1	1.48	5.26	3.68	9.00	6.30	160.3	58.4
49.38967	-126.187	37	37.318	3.59E+04	11.03	31.87	1024.51	24.34	24.34	78.9	1	1.45	5.20	3.64	9.01	6.30	158.5	57.7
49.38967	-126.187	38	38.327	3.59E+04	10.97	31.89	1024.53	24.36	24.36	78.6	1	1.42	5.12	3.59	9.02	6.31	156.2	56.8
49.38967	-126.187	39	39.339	3.59E+04	10.93	31.90	1024.55	24.38	24.38	78.7	1	1.38	5.06	3.54	9.02	6.31	154.2	56.0
49.38967	-126.187	40	40.346	3.59E+04	10.90	31.91	1024.57	24.39	24.38	78.5	1	1.30	5.01	3.51	9.03	6.32	152.8	55.5
49.38967	-126.187	41	41.349	3.58E+04	10.89	31.91	1024.58	24.39	24.39	78.3	1	1.26	4.98	3.48	9.03	6.32	151.8	55.1
49.38967	-126.187	42	42.359	3.58E+04	10.87	31.91	1024.59	24.40	24.40	78.2	1	1.28	4.95	3.46	9.03	6.32	150.9	54.7
49.38967	-126.187	43	43.36	3.58E+04	10.86	31.92	1024.60	24.40	24.40	78.3	1	1.24	4.93	3.45	9.04	6.32	150.3	54.5
49.38967	-126.187	44	44.37	3.58E+04	10.85	31.92	1024.60	24.40	24.40	78.2	1	1.25	4.91	3.44	9.04	6.32	149.8	54.3
49.38967	-126.187	45	45.386	3.58E+04	10.84	31.92	1024.61	24.41	24.41	78.3	1	1.23	4.90	3.43	9.04	6.33	149.4	54.2
49.38967	-126.187	46	46.386	3.58E+04	10.84	31.92	1024.62	24.41	24.41	78.3	1	1.22	4.89	3.42	9.04	6.33	149.0	54.0
49.38967	-126.187	47	47.408	3.58E+04	10.83	31.92	1024.62	24.41	24.41	78.4	1	1.18	4.88	3.41	9.04	6.33	148.8	53.9
49.38967	-126.187	48	48.408	3.58E+04	10.82	31.93	1024.63	24.42	24.41	78.5	1	1.19	4.87	3.40	9.04	6.33	148.4	53.8
49.38967	-126.187	49	49.426	3.58E+04	10.80	31.93	1024.64	24.42	24.42	78.6	1	1.15	4.85	3.39	9.05	6.33	147.9	53.6
49.38967	-126.187	50	50.43	3.58E+04	10.79	31.93	1024.65	24.43	24.42	78.9	1	1.13	4.83	3.38	9.05	6.33	147.3	53.4
49.38967	-126.187	51	51.446	3.58E+04	10.78	31.94	1024.66	24.43	24.43	78.9	1	1.09	4.82	3.37	9.05	6.33	146.9	53.2
49.38967	-126.187	52	52.456	3.58E+04	10.77	31.94	1024.67	24.43	24.43	79.1	1	1.11	4.80	3.36	9.05	6.33	146.4	53.0
49.38967	-126.187	53	53.458	3.58E+04	10.75	31.94	1024.68	24.44	24.44	78.8	1	1.07	4.78	3.35	9.06	6.34	145.8	52.8
49.38967	-126.187	54	54.474	3.58E+04	10.74	31.94	1024.69	24.44	24.44	79.3	1	1.04	4.76	3.33	9.06	6.34	145.2	52.6
49.38967	-126.187	55	55.477	3.58E+04	10.73	31.95	1024.70	24.45	24.45	79.2	1	1.03	4.75	3.32	9.06	6.34	144.8	52.4
49.38967	-126.187	56	56.489	3.58E+04	10.72	31.95	1024.70	24.45	24.45	79.3	1	1.04	4.74	3.31	9.06	6.34	144.3	52.2
49.38967	-126.187	57	57.497	3.57E+04	10.68	31.96	1024.73	24.47	24.46	79.6	1	1.00	4.70	3.29	9.07	6.35	143.3	51.8
49.38967	-126.187	58	58.504	3.57E+04	10.66	31.97	1024.74	24.47	24.47	79.4	1	0.93	4.67	3.27	9.07	6.35	142.5	51.5
49.38967	-126.187	59	59.512	3.57E+04	10.66	31.97	1024.74	24.47	24.47	80.0	1	0.99	4.66	3.26	9.07	6.35	142.0	51.3
49.38967	-126.187	60	60.523	3.57E+04	10.65	31.97	1024.75	24.48	24.48	80.2	1	0.93	4.65	3.25	9.07	6.35	141.7	51.2
49.38967	-126.187	61	61.531	3.57E+04	10.64	31.98	1024.76	24.49	24.48	80.2	1	0.94	4.63	3.24	9.08	6.35	141.2	51.0
49.38967	-126.187	62	62.541	3.57E+04	10.64	31.98	1024.77	24.49	24.49	80.0	1	0.94	4.62	3.23	9.08	6.35	140.9	50.9
49.38967	-126.187	63	63.549	3.57E+04	10.63	31.98	1024.78	24.49	24.49	79.8	1	0.95	4.61	3.23	9.08	6.35	140.7	50.8
49.38967	-126.187	64	64.56	3.57E+04	10.62	31.99	1024.79	24.50	24.49	79.8	1	0.96	4.60	3.22	9.08	6.35	140.3	50.7
49.38967	-126.187	65	65.568	3.57E+04	10.62	31.99	1024.79	24.50	24.50	79.6	1	0.97	4.59	3.21	9.08	6.35	140.1	50.6
49.38967	-126.187	66	66.573	3.57E+04	10.62	31.99	1024.80	24.50	24.50	79.4	1	0.95	4.59	3.21	9.08	6.35	140.0	50.5
49.38967	-126.187	67	67.587	3.57E+04	10.61	31.99	1024.81	24.50	24.50	79.3	1	0.97	4.58	3.20	9.08	6.35	139.5	50.4
49.38967	-126.187	68	68.596	3.57E+04	10.59	32.00	1024.82	24.51	24.51	78.8	1	1.01	4.56	3.19	9.08	6.36	139.1	50.2
49.38967	-126.187	69	69.602	3.57E+04	10.59	32.00	1024.82	24.51	24.51	78.4	1	1.00	4.55	3.18	9.08	6.36	138.7	50.0
49.38967	-126.187	70	70.611	3.57E+04	10.59	32.00	1024.83	24.51	24.51	77.9	1	0.98	4.54	3.18	9.08	6.36	138.5	50.0
49.38967	-126.187	71	71.625	3.57E+04	10.59	32.00	1024.83	24.51	24.51	77.0	1	1.02	4.54	3.17	9.08	6.36	138.4	49.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.38967	-126.187	72	72.629	3.57E+04	10.59	32.00	1024.84	24.51	24.51	76.8	1	0.99	4.53	3.17	9.08	6.36	138.3	49.9
49.38967	-126.187	73	73.639	3.57E+04	10.59	32.00	1024.84	24.51	24.51	76.3	1	1.10	4.53	3.17	9.08	6.36	138.3	49.9
49.38967	-126.187	74	74.65	3.57E+04	10.59	32.00	1024.85	24.51	24.51	76.2	1	1.03	4.53	3.17	9.08	6.36	138.1	49.9
49.38967	-126.187	75	75.643	3.57E+04	10.59	32.00	1024.85	24.51	24.51	76.0	1	1.08	4.52	3.16	9.08	6.36	138.0	49.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 74 shelter 82 mz 08:29h 8/21/05																		
49.39467	-126.163	2	2.26	3.68E+04	13.26	30.83	1023.13	23.12	23.12	70.8	381	7.84	6.98	4.88	8.64	6.05	213.1	80.7
49.39467	-126.163	3	3.028	3.68E+04	13.25	30.83	1023.13	23.12	23.12	71.3	286	7.61	6.97	4.88	8.64	6.05	212.7	80.6
49.39467	-126.163	4	4.027	3.67E+04	13.20	30.85	1023.16	23.14	23.14	71.7	198	7.41	6.91	4.83	8.65	6.06	210.7	79.7
49.39467	-126.163	5	5.057	3.67E+04	13.14	30.86	1023.19	23.16	23.16	72.1	138	7.47	6.83	4.78	8.66	6.06	208.4	78.8
49.39467	-126.163	6	6.046	3.67E+04	13.13	30.87	1023.20	23.17	23.17	72.6	100	7.18	6.80	4.76	8.66	6.06	207.8	78.5
49.39467	-126.163	7	7.057	3.67E+04	13.13	30.87	1023.20	23.17	23.17	72.7	74	7.47	6.81	4.76	8.66	6.06	207.9	78.6
49.39467	-126.163	8	8.067	3.67E+04	13.13	30.87	1023.20	23.17	23.17	72.9	55	6.19	6.80	4.75	8.66	6.06	207.1	78.3
49.39467	-126.163	9	9.081	3.66E+04	12.99	30.92	1023.27	23.23	23.23	73.5	41	5.77	6.68	4.67	8.69	6.08	203.3	76.6
49.39467	-126.163	10	10.076	3.65E+04	12.74	31.02	1023.41	23.36	23.36	75.3	32	3.82	6.46	4.52	8.73	6.11	196.6	73.8
49.39467	-126.163	11	11.091	3.64E+04	12.49	31.14	1023.55	23.50	23.50	77.0	25	3.42	6.26	4.38	8.77	6.14	190.9	71.3
49.39467	-126.163	12	12.099	3.64E+04	12.42	31.17	1023.60	23.54	23.54	78.5	20	3.22	6.18	4.32	8.78	6.14	188.4	70.3
49.39467	-126.163	13	13.111	3.64E+04	12.32	31.23	1023.66	23.60	23.60	79.0	16	3.00	6.14	4.29	8.79	6.15	187.0	69.6
49.39467	-126.163	14	14.121	3.64E+04	12.19	31.29	1023.74	23.68	23.68	79.5	14	2.80	6.08	4.26	8.81	6.17	185.3	68.9
49.39467	-126.163	15	15.128	3.63E+04	12.06	31.38	1023.84	23.77	23.77	79.9	12	2.56	6.05	4.23	8.84	6.18	184.2	68.3
49.39467	-126.163	16	16.142	3.63E+04	11.95	31.45	1023.91	23.84	23.84	80.4	10	2.31	6.00	4.20	8.85	6.19	182.9	67.7
49.39467	-126.163	17	17.148	3.63E+04	11.90	31.48	1023.95	23.87	23.87	80.7	8	2.31	5.97	4.18	8.86	6.20	182.1	67.3
49.39467	-126.163	18	18.156	3.63E+04	11.86	31.50	1023.98	23.90	23.90	80.9	7	2.25	5.96	4.17	8.87	6.20	181.6	67.1
49.39467	-126.163	19	19.166	3.63E+04	11.81	31.53	1024.02	23.93	23.93	81.1	6	2.20	5.93	4.15	8.87	6.21	180.8	66.8
49.39467	-126.163	20	20.167	3.62E+04	11.77	31.55	1024.04	23.95	23.95	81.1	5	2.16	5.90	4.13	8.88	6.21	179.9	66.4
49.39467	-126.163	21	21.18	3.62E+04	11.75	31.56	1024.06	23.97	23.97	81.2	5	2.14	5.88	4.12	8.88	6.22	179.5	66.2
49.39467	-126.163	22	22.185	3.63E+04	11.74	31.59	1024.09	23.99	23.99	81.3	4	2.11	5.91	4.14	8.88	6.22	180.4	66.5
49.39467	-126.163	23	23.203	3.63E+04	11.73	31.60	1024.10	24.00	24.00	81.4	4	2.06	5.94	4.16	8.88	6.22	181.3	66.9
49.39467	-126.163	24	24.207	3.63E+04	11.73	31.60	1024.11	24.00	24.00	81.4	4	1.99	5.96	4.17	8.88	6.22	181.8	67.0
49.39467	-126.163	25	25.217	3.63E+04	11.73	31.60	1024.11	24.00	24.00	81.4	3	1.97	5.96	4.17	8.88	6.22	181.9	67.1
49.39467	-126.163	26	26.225	3.63E+04	11.73	31.61	1024.13	24.01	24.01	81.4	3	1.90	5.98	4.19	8.88	6.22	182.6	67.3
49.39467	-126.163	27	27.233	3.63E+04	11.74	31.63	1024.14	24.02	24.02	81.3	3	1.96	6.02	4.21	8.88	6.22	183.5	67.7
49.39467	-126.163	28	28.244	3.63E+04	11.74	31.63	1024.15	24.02	24.02	81.5	2	1.90	6.04	4.22	8.88	6.21	184.1	67.9
49.39467	-126.163	29	29.252	3.63E+04	11.74	31.63	1024.16	24.02	24.02	81.4	2	1.98	6.04	4.23	8.88	6.22	184.2	67.9
49.39467	-126.163	30	30.261	3.63E+04	11.71	31.66	1024.19	24.05	24.05	81.4	2	1.89	6.05	4.23	8.89	6.22	184.1	67.9
49.39467	-126.163	31	31.269	3.63E+04	11.64	31.69	1024.22	24.08	24.08	81.5	2	1.82	6.03	4.22	8.90	6.23	183.4	67.5
49.39467	-126.163	32	32.283	3.63E+04	11.58	31.71	1024.26	24.11	24.11	81.5	2	1.70	5.97	4.17	8.91	6.23	181.5	66.8
49.39467	-126.163	33	33.283	3.62E+04	11.46	31.75	1024.31	24.16	24.16	81.4	2	1.73	5.88	4.11	8.93	6.25	179.2	65.8
49.39467	-126.163	34	34.294	3.62E+04	11.43	31.76	1024.33	24.18	24.18	81.3	2	1.66	5.82	4.07	8.93	6.25	177.6	65.1
49.39467	-126.163	35	35.304	3.62E+04	11.42	31.76	1024.34	24.18	24.18	81.4	2	1.68	5.78	4.05	8.93	6.25	176.2	64.6

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.39467	-126.163	36	36.311	3.61E+04	11.34	31.78	1024.38	24.21	24.21	81.0	2	1.67	5.69	3.98	8.95	6.26	173.3	63.5
49.39467	-126.163	37	37.322	3.61E+04	11.26	31.81	1024.42	24.25	24.25	80.5	2	1.60	5.57	3.90	8.96	6.27	170.0	62.1
49.39467	-126.163	38	38.333	3.60E+04	11.22	31.82	1024.43	24.26	24.26	80.3	2	1.52	5.50	3.85	8.97	6.28	167.6	61.2
49.39467	-126.163	39	39.343	3.60E+04	11.16	31.83	1024.46	24.28	24.28	80.0	2	1.51	5.42	3.79	8.98	6.28	165.2	60.3
49.39467	-126.163	40	40.345	3.60E+04	11.14	31.84	1024.47	24.29	24.29	79.9	1	1.46	5.36	3.75	8.99	6.29	163.4	59.6
49.39467	-126.163	41	41.363	3.60E+04	11.11	31.85	1024.49	24.30	24.30	79.8	1	1.43	5.31	3.71	8.99	6.29	161.7	58.9
49.39467	-126.163	42	42.364	3.59E+04	11.04	31.86	1024.52	24.33	24.33	79.6	1	1.41	5.23	3.66	9.00	6.30	159.4	58.0
49.39467	-126.163	43	43.37	3.59E+04	10.96	31.88	1024.55	24.36	24.36	79.6	1	1.33	5.12	3.59	9.02	6.31	156.0	56.7
49.39467	-126.163	44	44.383	3.58E+04	10.87	31.90	1024.59	24.39	24.39	79.8	1	1.28	5.00	3.50	9.03	6.32	152.5	55.3
49.39467	-126.163	45	45.392	3.58E+04	10.83	31.91	1024.61	24.40	24.40	79.8	1	1.14	4.92	3.44	9.04	6.33	149.9	54.4
49.39467	-126.163	46	46.4	3.58E+04	10.81	31.91	1024.62	24.41	24.41	79.9	1	1.10	4.87	3.41	9.05	6.33	148.5	53.8
49.39467	-126.163	47	47.405	3.58E+04	10.81	31.91	1024.62	24.41	24.41	80.2	1	1.09	4.85	3.40	9.05	6.33	148.0	53.6
49.39467	-126.163	48	48.414	3.58E+04	10.81	31.91	1024.63	24.41	24.41	80.2	1	1.13	4.85	3.39	9.05	6.33	147.9	53.6
49.39467	-126.163	49	49.425	3.58E+04	10.80	31.91	1024.63	24.41	24.41	80.4	1	1.08	4.83	3.38	9.05	6.33	147.4	53.4
49.39467	-126.163	50	50.419	3.58E+04	10.79	31.91	1024.64	24.41	24.41	80.6	1	1.07	4.82	3.37	9.05	6.33	147.0	53.2
49.39467	-126.163	51	51.438	3.58E+04	10.79	31.92	1024.64	24.41	24.41	80.7	1	1.08	4.81	3.37	9.05	6.33	146.7	53.1
49.39467	-126.163	52	52.456	3.58E+04	10.78	31.92	1024.65	24.42	24.42	80.7	1	1.09	4.79	3.35	9.05	6.33	145.8	52.8
49.39467	-126.163	53	53.459	3.57E+04	10.68	31.96	1024.70	24.46	24.46	80.8	1	0.99	4.72	3.30	9.07	6.35	143.8	52.0
49.39467	-126.163	54	54.468	3.57E+04	10.66	31.96	1024.72	24.47	24.47	81.0	1	0.93	4.68	3.27	9.07	6.35	142.6	51.5
49.39467	-126.163	55	55.475	3.57E+04	10.66	31.96	1024.72	24.47	24.47	81.1	1	0.94	4.66	3.26	9.07	6.35	142.0	51.3
49.39467	-126.163	56	56.486	3.57E+04	10.66	31.96	1024.73	24.47	24.47	81.0	1	0.93	4.65	3.25	9.07	6.35	141.8	51.2
49.39467	-126.163	57	57.5	3.57E+04	10.65	31.97	1024.74	24.48	24.48	81.1	1	0.95	4.64	3.25	9.07	6.35	141.6	51.1
49.39467	-126.163	58	58.504	3.57E+04	10.64	31.97	1024.74	24.48	24.48	81.1	1	0.92	4.63	3.24	9.08	6.35	141.3	51.0
49.39467	-126.163	59	59.519	3.57E+04	10.64	31.97	1024.75	24.48	24.48	81.1	1	0.94	4.63	3.24	9.08	6.35	141.1	51.0
49.39467	-126.163	60	60.523	3.57E+04	10.64	31.97	1024.76	24.48	24.48	81.1	1	0.92	4.62	3.24	9.08	6.35	141.0	50.9
49.39467	-126.163	61	61.532	3.57E+04	10.64	31.97	1024.76	24.48	24.48	80.9	1	0.92	4.62	3.24	9.08	6.35	141.0	50.9
49.39467	-126.163	62	62.54	3.57E+04	10.64	31.97	1024.76	24.48	24.48	80.9	1	0.90	4.62	3.23	9.08	6.35	141.0	50.9
49.39467	-126.163	63	63.552	3.57E+04	10.64	31.97	1024.77	24.48	24.48	80.9	1	0.95	4.62	3.23	9.08	6.35	140.9	50.9
49.39467	-126.163	64	64.565	3.57E+04	10.64	31.97	1024.77	24.48	24.48	80.9	1	0.93	4.62	3.23	9.08	6.35	141.0	50.9
49.39467	-126.163	65	65.568	3.57E+04	10.64	31.97	1024.78	24.48	24.48	80.8	1	0.93	4.62	3.23	9.08	6.35	141.0	50.9
49.39467	-126.163	66	66.574	3.57E+04	10.64	31.97	1024.78	24.48	24.48	80.7	1	0.92	4.62	3.23	9.08	6.35	141.0	50.9
49.39467	-126.163	67	67.586	3.57E+04	10.64	31.97	1024.79	24.48	24.48	80.8	1	0.91	4.62	3.23	9.08	6.35	141.0	50.9
49.39467	-126.163	68	68.597	3.57E+04	10.64	31.97	1024.79	24.48	24.48	80.8	1	0.92	4.62	3.23	9.08	6.35	141.0	50.9
49.39467	-126.163	69	69.605	3.57E+04	10.64	31.97	1024.80	24.48	24.48	80.8	1	0.92	4.62	3.23	9.08	6.35	141.0	50.9
49.39467	-126.163	70	70.607	3.57E+04	10.64	31.97	1024.80	24.48	24.48	80.8	1	0.90	4.62	3.23	9.08	6.35	140.9	50.9
49.39467	-126.163	71	71.619	3.57E+04	10.64	31.97	1024.81	24.48	24.48	80.8	1	0.90	4.61	3.23	9.08	6.35	140.7	50.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.39467	-126.163	72	72.631	3.57E+04	10.64	31.97	1024.81	24.48	24.48	80.7	1	0.89	4.61	3.22	9.08	6.35	140.5	50.7
49.39467	-126.163	73	73.639	3.57E+04	10.64	31.97	1024.82	24.49	24.48	80.8	1	0.91	4.60	3.22	9.08	6.35	140.4	50.7
49.39467	-126.163	74	74.645	3.57E+04	10.63	31.98	1024.82	24.49	24.48	80.7	1	0.93	4.60	3.22	9.08	6.35	140.4	50.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 75 shelter 131mz 08:52h 8/21/05																		
49.40067	-126.138	2	2.247	3.66E+04	13.09	30.84	1023.16	23.15	23.15	74.1	406	6.38	6.73	4.71	8.67	6.07	205.4	77.6
49.40067	-126.138	3	3.022	3.66E+04	13.10	30.83	1023.16	23.15	23.15	74.0	316	6.48	6.72	4.70	8.67	6.07	205.0	77.4
49.40067	-126.138	4	4.034	3.66E+04	13.02	30.87	1023.21	23.19	23.19	74.0	229	6.33	6.68	4.67	8.69	6.08	203.5	76.7
49.40067	-126.138	5	5.045	3.66E+04	12.98	30.89	1023.24	23.21	23.21	74.1	166	6.21	6.63	4.64	8.69	6.08	201.7	76.0
49.40067	-126.138	6	6.05	3.66E+04	12.74	31.05	1023.41	23.38	23.38	74.5	122	5.13	6.57	4.60	8.73	6.11	200.0	75.0
49.40067	-126.138	7	7.06	3.66E+04	12.60	31.16	1023.53	23.50	23.50	75.9	92	3.90	6.54	4.57	8.75	6.12	199.0	74.5
49.40067	-126.138	8	8.069	3.65E+04	12.51	31.22	1023.60	23.56	23.56	77.8	71	3.33	6.50	4.55	8.76	6.13	197.3	73.8
49.40067	-126.138	9	9.076	3.64E+04	12.28	31.32	1023.72	23.68	23.68	79.2	56	2.91	6.35	4.44	8.80	6.16	192.7	71.8
49.40067	-126.138	10	10.085	3.63E+04	12.02	31.39	1023.83	23.78	23.78	79.9	45	2.50	6.12	4.28	8.84	6.19	186.7	69.2
49.40067	-126.138	11	11.095	3.63E+04	11.99	31.40	1023.85	23.80	23.80	80.3	37	2.22	6.02	4.21	8.85	6.19	183.4	67.9
49.40067	-126.138	12	12.102	3.63E+04	11.95	31.41	1023.87	23.81	23.81	80.4	31	2.25	5.93	4.15	8.85	6.20	180.8	66.9
49.40067	-126.138	13	13.108	3.62E+04	11.90	31.43	1023.89	23.83	23.83	80.5	26	2.22	5.87	4.11	8.86	6.20	179.2	66.2
49.40067	-126.138	14	14.119	3.62E+04	11.90	31.43	1023.90	23.83	23.83	80.6	22	2.20	5.85	4.09	8.86	6.20	178.5	66.0
49.40067	-126.138	15	15.132	3.62E+04	11.89	31.43	1023.91	23.84	23.84	80.5	19	2.17	5.83	4.08	8.86	6.20	177.8	65.7
49.40067	-126.138	16	16.138	3.62E+04	11.89	31.43	1023.91	23.84	23.84	80.6	16	2.16	5.82	4.07	8.86	6.20	177.6	65.6
49.40067	-126.138	17	17.147	3.62E+04	11.88	31.43	1023.92	23.84	23.84	80.5	14	2.15	5.80	4.06	8.87	6.20	176.9	65.4
49.40067	-126.138	18	18.154	3.62E+04	11.86	31.44	1023.93	23.85	23.85	80.6	12	2.13	5.77	4.04	8.87	6.21	176.0	65.0
49.40067	-126.138	19	19.166	3.62E+04	11.83	31.44	1023.95	23.86	23.86	80.6	10	2.13	5.74	4.02	8.87	6.21	175.2	64.7
49.40067	-126.138	20	20.171	3.62E+04	11.82	31.45	1023.96	23.87	23.87	80.7	9	2.16	5.72	4.01	8.88	6.21	174.6	64.5
49.40067	-126.138	21	21.18	3.62E+04	11.81	31.46	1023.97	23.88	23.88	80.7	7	2.14	5.72	4.00	8.88	6.21	174.4	64.4
49.40067	-126.138	22	22.189	3.62E+04	11.80	31.46	1023.98	23.88	23.88	80.8	6	2.12	5.70	3.99	8.88	6.21	174.0	64.2
49.40067	-126.138	23	23.196	3.62E+04	11.79	31.46	1023.99	23.88	23.88	80.8	6	2.07	5.70	3.99	8.88	6.21	173.6	64.1
49.40067	-126.138	24	24.199	3.62E+04	11.76	31.48	1024.01	23.90	23.90	80.7	5	2.06	5.65	3.95	8.89	6.22	171.9	63.4
49.40067	-126.138	25	25.215	3.61E+04	11.61	31.55	1024.10	23.98	23.98	80.9	4	1.83	5.59	3.91	8.91	6.23	170.1	62.5
49.40067	-126.138	26	26.225	3.61E+04	11.54	31.59	1024.14	24.03	24.02	81.2	4	1.71	5.51	3.85	8.92	6.24	167.2	61.4
49.40067	-126.138	27	27.233	3.60E+04	11.32	31.70	1024.27	24.15	24.15	81.7	4	1.38	5.38	3.77	8.96	6.27	164.0	60.0
49.40067	-126.138	28	28.24	3.60E+04	11.26	31.72	1024.31	24.18	24.18	82.2	3	1.28	5.31	3.71	8.97	6.28	161.9	59.2
49.40067	-126.138	29	29.241	3.60E+04	11.26	31.72	1024.31	24.18	24.18	82.5	3	1.23	5.27	3.69	8.97	6.28	160.7	58.7
49.40067	-126.138	30	30.258	3.60E+04	11.24	31.73	1024.32	24.19	24.19	82.5	3	1.27	5.24	3.67	8.97	6.28	160.0	58.4
49.40067	-126.138	31	31.274	3.60E+04	11.24	31.74	1024.33	24.19	24.19	82.5	3	1.26	5.24	3.67	8.97	6.28	159.9	58.4
49.40067	-126.138	32	32.283	3.60E+04	11.23	31.75	1024.35	24.21	24.20	82.5	2	1.22	5.26	3.68	8.97	6.28	160.4	58.6
49.40067	-126.138	33	33.291	3.60E+04	11.19	31.78	1024.38	24.23	24.23	82.5	2	1.19	5.27	3.69	8.98	6.28	160.7	58.6
49.40067	-126.138	34	34.29	3.60E+04	11.18	31.78	1024.40	24.24	24.24	82.5	2	1.20	5.28	3.69	8.98	6.28	161.0	58.8
49.40067	-126.138	35	35.31	3.60E+04	11.18	31.79	1024.40	24.25	24.24	82.4	2	1.19	5.28	3.70	8.98	6.28	161.2	58.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.40067	-126.138	36	36.311	3.60E+04	11.18	31.79	1024.41	24.25	24.25	82.3	2	1.22	5.30	3.71	8.98	6.28	161.5	58.9
49.40067	-126.138	37	37.317	3.60E+04	11.16	31.80	1024.43	24.26	24.26	82.2	2	1.22	5.29	3.70	8.98	6.29	161.4	58.9
49.40067	-126.138	38	38.331	3.60E+04	11.13	31.81	1024.45	24.27	24.27	81.8	2	1.24	5.28	3.69	8.99	6.29	160.9	58.7
49.40067	-126.138	39	39.339	3.60E+04	11.12	31.82	1024.45	24.28	24.27	82.0	2	1.21	5.26	3.68	8.99	6.29	160.5	58.5
49.40067	-126.138	40	40.347	3.60E+04	11.11	31.82	1024.46	24.28	24.28	81.9	2	1.21	5.25	3.68	8.99	6.29	160.0	58.3
49.40067	-126.138	41	41.356	3.59E+04	11.08	31.83	1024.48	24.29	24.29	82.0	2	1.23	5.21	3.64	9.00	6.30	158.4	57.7
49.40067	-126.138	42	42.363	3.59E+04	10.97	31.86	1024.53	24.34	24.34	81.7	2	1.16	5.10	3.57	9.02	6.31	155.4	56.5
49.40067	-126.138	43	43.374	3.58E+04	10.92	31.87	1024.55	24.36	24.36	81.8	2	1.10	5.02	3.52	9.03	6.32	153.1	55.6
49.40067	-126.138	44	44.383	3.58E+04	10.90	31.88	1024.56	24.36	24.36	82.0	1	1.09	4.97	3.48	9.03	6.32	151.7	55.1
49.40067	-126.138	45	45.389	3.58E+04	10.88	31.88	1024.58	24.37	24.37	81.9	1	1.08	4.94	3.45	9.03	6.32	150.5	54.6
49.40067	-126.138	46	46.402	3.58E+04	10.87	31.89	1024.58	24.37	24.37	81.9	1	1.04	4.91	3.44	9.03	6.32	149.8	54.3
49.40067	-126.138	47	47.413	3.58E+04	10.85	31.89	1024.60	24.38	24.38	82.0	1	1.08	4.88	3.42	9.04	6.33	148.8	54.0
49.40067	-126.138	48	48.411	3.58E+04	10.82	31.90	1024.61	24.39	24.39	81.9	1	1.00	4.85	3.40	9.04	6.33	148.0	53.6
49.40067	-126.138	49	49.42	3.58E+04	10.81	31.90	1024.62	24.40	24.40	82.0	1	0.97	4.83	3.38	9.05	6.33	147.2	53.3
49.40067	-126.138	50	50.43	3.58E+04	10.79	31.90	1024.63	24.40	24.40	82.1	1	0.97	4.81	3.36	9.05	6.33	146.5	53.1
49.40067	-126.138	51	51.446	3.58E+04	10.78	31.91	1024.64	24.41	24.41	82.1	1	0.91	4.79	3.35	9.05	6.33	146.0	52.9
49.40067	-126.138	52	52.454	3.57E+04	10.73	31.92	1024.66	24.42	24.42	82.3	1	0.92	4.77	3.34	9.06	6.34	145.4	52.6
49.40067	-126.138	53	53.461	3.57E+04	10.70	31.92	1024.68	24.43	24.43	82.3	1	0.86	4.76	3.33	9.07	6.34	145.1	52.5
49.40067	-126.138	54	54.471	3.57E+04	10.70	31.93	1024.68	24.44	24.44	82.4	1	0.86	4.75	3.32	9.07	6.34	144.7	52.3
49.40067	-126.138	55	55.479	3.57E+04	10.69	31.93	1024.69	24.44	24.44	82.6	1	0.86	4.73	3.31	9.07	6.35	144.1	52.1
49.40067	-126.138	56	56.488	3.57E+04	10.69	31.94	1024.70	24.45	24.44	82.7	1	0.84	4.71	3.29	9.07	6.35	143.6	51.9
49.40067	-126.138	57	57.499	3.57E+04	10.68	31.94	1024.71	24.45	24.45	82.7	1	0.86	4.69	3.28	9.07	6.35	143.1	51.7
49.40067	-126.138	58	58.506	3.57E+04	10.68	31.94	1024.72	24.45	24.45	82.5	1	0.87	4.68	3.28	9.07	6.35	142.8	51.6
49.40067	-126.138	59	59.519	3.57E+04	10.68	31.95	1024.72	24.45	24.45	82.3	1	0.89	4.68	3.27	9.07	6.35	142.7	51.6
49.40067	-126.138	60	60.523	3.57E+04	10.68	31.95	1024.73	24.46	24.45	82.2	1	0.88	4.68	3.27	9.07	6.35	142.6	51.5
49.40067	-126.138	61	61.537	3.57E+04	10.67	31.95	1024.73	24.46	24.46	82.1	1	0.89	4.67	3.27	9.07	6.35	142.4	51.5
49.40067	-126.138	62	62.542	3.57E+04	10.67	31.95	1024.74	24.46	24.46	82.0	1	0.85	4.67	3.27	9.07	6.35	142.4	51.5
49.40067	-126.138	63	63.551	3.57E+04	10.67	31.95	1024.75	24.46	24.46	82.1	1	0.86	4.67	3.27	9.07	6.35	142.3	51.4
49.40067	-126.138	64	64.557	3.57E+04	10.67	31.95	1024.75	24.46	24.46	81.8	1	0.85	4.66	3.26	9.07	6.35	142.2	51.4
49.40067	-126.138	65	65.569	3.57E+04	10.67	31.95	1024.76	24.46	24.46	82.2	1	0.85	4.66	3.26	9.07	6.35	142.1	51.3
49.40067	-126.138	66	66.578	3.57E+04	10.67	31.95	1024.76	24.46	24.46	82.1	1	0.87	4.66	3.26	9.07	6.35	142.1	51.4
49.40067	-126.138	67	67.584	3.57E+04	10.66	31.95	1024.77	24.46	24.46	82.1	1	0.86	4.66	3.26	9.07	6.35	142.2	51.4
49.40067	-126.138	68	68.596	3.57E+04	10.66	31.96	1024.77	24.47	24.46	82.1	1	0.87	4.66	3.26	9.07	6.35	142.2	51.4
49.40067	-126.138	69	69.611	3.57E+04	10.66	31.96	1024.78	24.47	24.46	82.0	1	0.87	4.66	3.26	9.07	6.35	142.2	51.4
49.40067	-126.138	70	70.615	3.57E+04	10.66	31.96	1024.78	24.47	24.47	82.0	1	0.88	4.66	3.26	9.07	6.35	142.2	51.4
49.40067	-126.138	71	71.611	3.57E+04	10.66	31.96	1024.79	24.47	24.47	81.8	1	0.87	4.66	3.26	9.07	6.35	142.1	51.4

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.40067	-126.138	72	72.629	3.57E+04	10.66	31.96	1024.79	24.47	24.47	81.8	1	0.87	4.66	3.26	9.07	6.35	142.1	51.3
49.40067	-126.138	73	73.64	3.57E+04	10.66	31.96	1024.80	24.47	24.47	81.8	1	0.87	4.66	3.26	9.07	6.35	142.2	51.4
49.40067	-126.138	74	74.655	3.57E+04	10.66	31.97	1024.81	24.47	24.47	81.7	1	0.89	4.67	3.27	9.07	6.35	142.4	51.4
49.40067	-126.138	75	75.656	3.57E+04	10.65	31.97	1024.82	24.48	24.48	81.7	1	0.87	4.68	3.27	9.07	6.35	142.6	51.5
49.40067	-126.138	76	76.67	3.57E+04	10.64	31.98	1024.83	24.49	24.49	81.7	1	0.86	4.68	3.28	9.08	6.35	142.8	51.6
49.40067	-126.138	77	77.674	3.57E+04	10.64	31.98	1024.84	24.49	24.49	81.7	1	0.88	4.68	3.28	9.08	6.35	142.8	51.6
49.40067	-126.138	78	78.686	3.57E+04	10.63	31.98	1024.84	24.49	24.49	81.5	1	0.88	4.68	3.28	9.08	6.35	142.8	51.6
49.40067	-126.138	79	79.695	3.57E+04	10.63	31.98	1024.85	24.49	24.49	81.3	1	0.87	4.68	3.27	9.08	6.35	142.6	51.5
49.40067	-126.138	80	80.7	3.57E+04	10.63	31.98	1024.86	24.49	24.49	81.3	1	0.87	4.66	3.26	9.08	6.35	142.2	51.4
49.40067	-126.138	81	81.706	3.57E+04	10.63	31.98	1024.86	24.49	24.49	81.1	1	0.89	4.65	3.25	9.08	6.35	141.8	51.2
49.40067	-126.138	82	82.725	3.57E+04	10.63	31.98	1024.87	24.49	24.49	81.0	1	0.90	4.64	3.25	9.08	6.35	141.4	51.1
49.40067	-126.138	83	83.726	3.57E+04	10.63	31.98	1024.87	24.49	24.49	80.8	1	0.91	4.63	3.24	9.08	6.35	141.3	51.0
49.40067	-126.138	84	84.74	3.57E+04	10.63	31.98	1024.88	24.49	24.49	80.7	1	0.91	4.62	3.23	9.08	6.35	140.8	50.8
49.40067	-126.138	85	85.747	3.57E+04	10.62	31.98	1024.88	24.50	24.49	80.6	1	0.86	4.60	3.22	9.08	6.35	140.3	50.7
49.40067	-126.138	86	86.758	3.57E+04	10.62	31.99	1024.89	24.50	24.50	80.5	1	0.88	4.59	3.21	9.08	6.35	139.9	50.5
49.40067	-126.138	87	87.765	3.57E+04	10.62	31.99	1024.89	24.50	24.50	80.4	1	0.88	4.58	3.21	9.08	6.35	139.7	50.5
49.40067	-126.138	88	88.775	3.57E+04	10.62	31.99	1024.90	24.50	24.50	80.3	1	0.89	4.58	3.20	9.08	6.35	139.6	50.4
49.40067	-126.138	89	89.783	3.57E+04	10.62	31.99	1024.90	24.50	24.50	80.2	1	0.89	4.58	3.20	9.08	6.35	139.5	50.4
49.40067	-126.138	90	90.795	3.57E+04	10.62	31.99	1024.91	24.50	24.50	80.1	1	0.91	4.57	3.20	9.08	6.35	139.4	50.3
49.40067	-126.138	91	91.801	3.57E+04	10.61	31.99	1024.91	24.50	24.50	79.9	1	0.91	4.56	3.19	9.08	6.35	139.2	50.3
49.40067	-126.138	92	92.812	3.57E+04	10.61	31.99	1024.92	24.50	24.50	80.0	1	0.91	4.56	3.19	9.08	6.35	139.0	50.2
49.40067	-126.138	93	93.819	3.57E+04	10.61	31.99	1024.92	24.50	24.50	80.0	1	0.90	4.55	3.19	9.08	6.35	138.9	50.1
49.40067	-126.138	94	94.828	3.57E+04	10.61	31.99	1024.93	24.50	24.50	79.9	1	0.92	4.55	3.19	9.08	6.35	138.9	50.1
49.40067	-126.138	95	95.838	3.57E+04	10.61	31.99	1024.93	24.50	24.50	79.8	1	0.90	4.55	3.18	9.08	6.35	138.8	50.1
49.40067	-126.138	96	96.846	3.57E+04	10.61	31.99	1024.94	24.50	24.50	79.7	1	0.92	4.55	3.18	9.08	6.35	138.7	50.1
49.40067	-126.138	97	97.858	3.57E+04	10.61	31.99	1024.95	24.50	24.50	79.7	1	0.93	4.55	3.18	9.08	6.35	138.7	50.1
49.40067	-126.138	98	98.862	3.57E+04	10.61	31.99	1024.95	24.50	24.50	79.7	1	0.93	4.55	3.18	9.08	6.35	138.7	50.1
49.40067	-126.138	99	99.876	3.57E+04	10.60	31.99	1024.96	24.51	24.50	79.6	1	0.93	4.55	3.18	9.08	6.35	138.8	50.1
49.40067	-126.138	100	100.884	3.57E+04	10.60	31.99	1024.96	24.51	24.50	79.6	1	0.89	4.55	3.19	9.08	6.36	138.9	50.1
49.40067	-126.138	101	101.893	3.57E+04	10.60	31.99	1024.97	24.51	24.50	79.2	1	0.93	4.56	3.19	9.08	6.36	139.0	50.2
49.40067	-126.138	102	102.902	3.57E+04	10.59	32.00	1024.97	24.51	24.51	79.4	1	0.91	4.57	3.20	9.08	6.36	139.3	50.3
49.40067	-126.138	103	103.91	3.57E+04	10.59	32.00	1024.98	24.51	24.51	79.5	1	0.90	4.59	3.21	9.09	6.36	139.9	50.5
49.40067	-126.138	104	104.922	3.57E+04	10.58	32.00	1024.99	24.52	24.51	79.4	1	0.93	4.59	3.21	9.09	6.36	140.1	50.5
49.40067	-126.138	105	105.928	3.57E+04	10.58	32.00	1024.99	24.52	24.51	79.5	1	0.93	4.60	3.22	9.09	6.36	140.2	50.6
49.40067	-126.138	106	106.938	3.57E+04	10.58	32.00	1025.00	24.52	24.52	79.5	1	0.93	4.60	3.22	9.09	6.36	140.4	50.6
49.40067	-126.138	107	107.949	3.57E+04	10.57	32.00	1025.01	24.52	24.52	79.5	1	0.92	4.61	3.23	9.09	6.36	140.5	50.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.40067	-126.138	108	108.959	3.57E+04	10.57	32.01	1025.01	24.52	24.52	79.5	1	0.92	4.62	3.23	9.09	6.36	140.9	50.8
49.40067	-126.138	109	109.962	3.57E+04	10.57	32.01	1025.02	24.52	24.52	79.5	1	0.91	4.62	3.24	9.09	6.36	141.0	50.9
49.40067	-126.138	110	110.975	3.57E+04	10.56	32.01	1025.03	24.53	24.52	79.6	1	0.91	4.63	3.24	9.09	6.36	141.1	50.9
49.40067	-126.138	111	111.987	3.57E+04	10.56	32.01	1025.03	24.53	24.52	79.4	1	0.92	4.63	3.24	9.09	6.36	141.3	51.0
49.40067	-126.138	112	112.989	3.57E+04	10.56	32.01	1025.04	24.53	24.53	79.6	1	0.92	4.64	3.24	9.09	6.36	141.4	51.0
49.40067	-126.138	113	114.003	3.57E+04	10.56	32.01	1025.04	24.53	24.53	79.7	1	0.90	4.64	3.25	9.09	6.36	141.4	51.0
49.40067	-126.138	114	115.012	3.57E+04	10.55	32.01	1025.05	24.53	24.53	79.5	1	0.91	4.64	3.24	9.09	6.36	141.4	51.0
49.40067	-126.138	115	116.023	3.57E+04	10.55	32.01	1025.05	24.53	24.53	79.6	1	0.92	4.64	3.24	9.09	6.36	141.3	51.0
49.40067	-126.138	116	117.026	3.57E+04	10.55	32.01	1025.06	24.53	24.53	79.6	1	0.92	4.64	3.25	9.09	6.36	141.6	51.1
49.40067	-126.138	117	118.037	3.57E+04	10.54	32.02	1025.07	24.53	24.53	79.7	1	0.92	4.66	3.26	9.09	6.36	142.2	51.3
49.40067	-126.138	118	119.047	3.57E+04	10.54	32.02	1025.07	24.53	24.53	79.7	1	0.89	4.67	3.27	9.09	6.36	142.3	51.3
49.40067	-126.138	119	120.052	3.57E+04	10.54	32.02	1025.08	24.53	24.53	80.0	1	0.91	4.67	3.27	9.09	6.36	142.4	51.4
49.40067	-126.138	120	121.068	3.57E+04	10.54	32.02	1025.08	24.53	24.53	80.3	1	0.91	4.68	3.27	9.09	6.36	142.6	51.4
49.40067	-126.138	121	122.074	3.57E+04	10.54	32.02	1025.08	24.53	24.53	80.3	1	0.92	4.68	3.28	9.09	6.36	142.8	51.5
49.40067	-126.138	122	123.084	3.57E+04	10.54	32.02	1025.09	24.54	24.53	80.4	1	0.93	4.68	3.28	9.09	6.36	142.8	51.5
49.40067	-126.138	123	124.086	3.57E+04	10.54	32.02	1025.10	24.54	24.53	80.4	1	0.90	4.68	3.28	9.09	6.36	142.8	51.5
49.40067	-126.138	124	125.103	3.57E+04	10.54	32.02	1025.10	24.54	24.53	80.5	1	0.92	4.68	3.27	9.09	6.36	142.7	51.4
49.40067	-126.138	125	126.111	3.57E+04	10.53	32.02	1025.11	24.54	24.53	80.7	1	0.92	4.68	3.27	9.09	6.36	142.6	51.4

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation 76 170mz 09:19h 8/21/05																		
49.41333	-126.13	2	2.227	3.69E+04	13.92	30.37	1022.64	22.63	22.63	61.9	364	12.77	7.45	5.22	8.55	5.98	227.1	86.9
49.41333	-126.13	3	3.027	3.68E+04	13.74	30.48	1022.76	22.75	22.75	63.8	245	11.33	7.28	5.10	8.58	6.00	222.3	84.8
49.41333	-126.13	4	4.034	3.68E+04	13.70	30.49	1022.78	22.76	22.76	65.9	154	11.17	7.20	5.04	8.58	6.01	219.6	83.8
49.41333	-126.13	5	5.043	3.68E+04	13.63	30.51	1022.81	22.79	22.79	67.0	103	10.40	7.12	4.99	8.59	6.01	217.2	82.7
49.41333	-126.13	6	6.049	3.67E+04	13.53	30.54	1022.86	22.84	22.84	67.6	72	9.50	7.03	4.92	8.61	6.02	214.3	81.5
49.41333	-126.13	7	7.061	3.67E+04	13.47	30.57	1022.91	22.88	22.88	68.4	52	9.09	6.96	4.87	8.62	6.03	212.0	80.5
49.41333	-126.13	8	8.07	3.67E+04	13.36	30.63	1022.98	22.94	22.94	69.3	39	8.64	6.87	4.81	8.63	6.04	208.9	79.2
49.41333	-126.13	9	9.079	3.66E+04	13.18	30.73	1023.09	23.05	23.05	70.6	30	7.13	6.72	4.70	8.66	6.06	204.4	77.3
49.41333	-126.13	10	10.085	3.66E+04	13.00	30.83	1023.21	23.17	23.17	72.8	23	5.33	6.60	4.62	8.69	6.08	200.9	75.7
49.41333	-126.13	11	11.094	3.65E+04	12.87	30.91	1023.30	23.25	23.25	75.2	18	4.92	6.51	4.55	8.71	6.09	197.2	74.1
49.41333	-126.13	12	12.102	3.64E+04	12.55	31.09	1023.50	23.45	23.45	76.5	14	4.27	6.32	4.42	8.76	6.13	191.9	71.8
49.41333	-126.13	13	13.111	3.63E+04	12.29	31.21	1023.65	23.59	23.59	78.4	12	2.97	6.14	4.30	8.80	6.16	187.2	69.7
49.41333	-126.13	14	14.12	3.63E+04	12.24	31.22	1023.68	23.61	23.61	79.3	10	2.80	6.04	4.23	8.81	6.16	184.3	68.5
49.41333	-126.13	15	15.13	3.63E+04	12.22	31.23	1023.69	23.62	23.62	79.6	8	2.78	5.98	4.19	8.81	6.17	182.6	67.9
49.41333	-126.13	16	16.137	3.63E+04	12.21	31.23	1023.70	23.63	23.63	79.7	7	2.76	5.95	4.16	8.82	6.17	181.5	67.5
49.41333	-126.13	17	17.153	3.63E+04	12.20	31.23	1023.70	23.63	23.63	79.7	6	2.78	5.93	4.15	8.82	6.17	180.8	67.2
49.41333	-126.13	18	18.151	3.63E+04	12.19	31.23	1023.71	23.63	23.63	79.7	5	2.75	5.91	4.13	8.82	6.17	180.0	66.9
49.41333	-126.13	19	19.165	3.63E+04	12.12	31.27	1023.76	23.67	23.67	79.7	5	2.64	5.87	4.11	8.83	6.18	178.8	66.3
49.41333	-126.13	20	20.168	3.62E+04	12.02	31.34	1023.84	23.75	23.75	79.9	4	2.45	5.84	4.09	8.85	6.19	178.0	65.9
49.41333	-126.13	21	21.18	3.62E+04	11.93	31.41	1023.91	23.82	23.82	80.4	4	2.27	5.85	4.09	8.86	6.20	178.6	66.1
49.41333	-126.13	22	22.189	3.63E+04	11.91	31.46	1023.96	23.86	23.86	80.8	3	2.15	5.91	4.14	8.86	6.20	180.6	66.8
49.41333	-126.13	23	23.198	3.63E+04	11.95	31.49	1023.98	23.88	23.88	81.1	3	2.04	6.03	4.22	8.85	6.19	184.1	68.2
49.41333	-126.13	24	24.205	3.64E+04	11.97	31.50	1023.99	23.88	23.88	81.3	3	2.02	6.12	4.28	8.84	6.19	186.8	69.2
49.41333	-126.13	25	25.215	3.64E+04	11.99	31.51	1023.99	23.88	23.88	81.5	2	1.99	6.18	4.33	8.84	6.19	188.6	69.9
49.41333	-126.13	26	26.224	3.64E+04	11.99	31.51	1024.00	23.88	23.88	81.5	2	1.91	6.22	4.35	8.84	6.19	189.5	70.2
49.41333	-126.13	27	27.235	3.64E+04	11.94	31.52	1024.02	23.90	23.90	81.5	2	1.89	6.17	4.31	8.85	6.19	187.6	69.4
49.41333	-126.13	28	28.245	3.63E+04	11.80	31.56	1024.08	23.96	23.95	81.8	2	1.79	6.06	4.24	8.87	6.21	184.5	68.1
49.41333	-126.13	29	29.253	3.63E+04	11.72	31.60	1024.14	24.01	24.00	81.9	2	1.69	6.00	4.20	8.89	6.22	182.8	67.4
49.41333	-126.13	30	30.257	3.62E+04	11.66	31.63	1024.17	24.03	24.03	82.0	2	1.64	5.95	4.16	8.90	6.23	181.5	66.8
49.41333	-126.13	31	31.271	3.62E+04	11.64	31.64	1024.19	24.05	24.05	82.1	2	1.57	5.93	4.15	8.90	6.23	180.4	66.4
49.41333	-126.13	32	32.281	3.62E+04	11.52	31.68	1024.25	24.10	24.10	82.1	2	1.51	5.83	4.08	8.92	6.24	177.2	65.1
49.41333	-126.13	33	33.288	3.61E+04	11.32	31.75	1024.34	24.19	24.19	82.1	2	1.45	5.64	3.95	8.96	6.27	172.0	62.9
49.41333	-126.13	34	34.289	3.60E+04	11.25	31.78	1024.38	24.22	24.22	82.2	2	1.33	5.52	3.86	8.97	6.28	168.5	61.6
49.41333	-126.13	35	35.305	3.60E+04	11.24	31.78	1024.39	24.23	24.23	82.3	2	1.36	5.47	3.83	8.97	6.28	166.9	61.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.41333	-126.13	36	36.313	3.60E+04	11.23	31.78	1024.40	24.23	24.23	82.2	2	1.34	5.44	3.81	8.97	6.28	165.9	60.6
49.41333	-126.13	37	37.325	3.60E+04	11.19	31.80	1024.42	24.25	24.25	82.2	1	1.33	5.40	3.78	8.98	6.28	164.2	59.9
49.41333	-126.13	38	38.331	3.59E+04	11.07	31.84	1024.48	24.30	24.30	82.2	1	1.29	5.29	3.70	9.00	6.30	161.1	58.7
49.41333	-126.13	39	39.336	3.59E+04	11.00	31.87	1024.52	24.34	24.34	82.2	1	1.22	5.20	3.64	9.01	6.31	158.6	57.7
49.41333	-126.13	40	40.344	3.59E+04	10.97	31.87	1024.53	24.35	24.35	82.1	1	1.21	5.15	3.60	9.02	6.31	157.0	57.1
49.41333	-126.13	41	41.354	3.59E+04	10.97	31.87	1024.53	24.35	24.35	82.0	1	1.20	5.11	3.58	9.02	6.31	155.9	56.7
49.41333	-126.13	42	42.367	3.59E+04	10.96	31.87	1024.54	24.35	24.35	81.7	1	1.22	5.09	3.56	9.02	6.31	155.3	56.4
49.41333	-126.13	43	43.373	3.59E+04	10.95	31.87	1024.54	24.35	24.35	81.5	1	1.18	5.06	3.54	9.02	6.31	154.2	56.0
49.41333	-126.13	44	44.384	3.58E+04	10.90	31.87	1024.56	24.36	24.36	81.4	1	1.09	5.01	3.50	9.03	6.32	152.7	55.4
49.41333	-126.13	45	45.391	3.58E+04	10.90	31.88	1024.57	24.37	24.37	81.5	1	1.10	4.98	3.49	9.03	6.32	151.8	55.1
49.41333	-126.13	46	46.397	3.58E+04	10.88	31.89	1024.58	24.37	24.37	81.4	1	1.09	4.95	3.46	9.03	6.32	150.9	54.7
49.41333	-126.13	47	47.409	3.58E+04	10.85	31.89	1024.60	24.38	24.38	81.5	1	1.05	4.91	3.44	9.04	6.33	149.6	54.3
49.41333	-126.13	48	48.418	3.58E+04	10.79	31.89	1024.61	24.39	24.39	81.7	1	1.01	4.87	3.41	9.05	6.33	148.4	53.7
49.41333	-126.13	49	49.429	3.57E+04	10.77	31.90	1024.62	24.40	24.40	81.8	1	0.94	4.84	3.38	9.06	6.34	147.4	53.4
49.41333	-126.13	50	50.436	3.57E+04	10.74	31.91	1024.64	24.41	24.41	81.8	1	0.91	4.81	3.37	9.06	6.34	146.8	53.1
49.41333	-126.13	51	51.445	3.57E+04	10.73	31.91	1024.65	24.42	24.42	82.0	1	0.88	4.79	3.35	9.06	6.34	146.1	52.9
49.41333	-126.13	52	52.452	3.57E+04	10.72	31.92	1024.66	24.43	24.43	82.3	1	0.90	4.76	3.33	9.06	6.34	145.3	52.6
49.41333	-126.13	53	53.459	3.57E+04	10.72	31.93	1024.67	24.43	24.43	82.3	1	0.89	4.74	3.32	9.06	6.34	144.6	52.3
49.41333	-126.13	54	54.471	3.57E+04	10.71	31.93	1024.68	24.44	24.44	82.4	1	0.91	4.73	3.31	9.07	6.34	144.1	52.1
49.41333	-126.13	55	55.483	3.57E+04	10.68	31.94	1024.70	24.45	24.45	82.4	1	0.91	4.72	3.30	9.07	6.35	143.8	52.0
49.41333	-126.13	56	56.489	3.57E+04	10.67	31.94	1024.71	24.46	24.45	82.4	1	0.87	4.71	3.30	9.07	6.35	143.7	51.9
49.41333	-126.13	57	57.495	3.57E+04	10.67	31.95	1024.72	24.46	24.46	82.4	1	0.88	4.71	3.29	9.07	6.35	143.5	51.9
49.41333	-126.13	58	58.507	3.57E+04	10.67	31.95	1024.73	24.46	24.46	82.2	1	0.88	4.70	3.29	9.07	6.35	143.3	51.8
49.41333	-126.13	59	59.514	3.57E+04	10.66	31.95	1024.73	24.46	24.46	82.3	1	0.86	4.70	3.29	9.07	6.35	143.2	51.8
49.41333	-126.13	60	60.524	3.57E+04	10.66	31.96	1024.74	24.47	24.47	82.3	1	0.86	4.69	3.29	9.07	6.35	143.2	51.7
49.41333	-126.13	61	61.532	3.57E+04	10.66	31.96	1024.74	24.47	24.47	82.1	1	0.85	4.69	3.28	9.07	6.35	143.0	51.7
49.41333	-126.13	62	62.541	3.57E+04	10.65	31.96	1024.76	24.47	24.47	82.2	1	0.86	4.68	3.28	9.07	6.35	142.8	51.6
49.41333	-126.13	63	63.55	3.57E+04	10.65	31.97	1024.76	24.48	24.47	82.2	1	0.87	4.68	3.27	9.07	6.35	142.7	51.6
49.41333	-126.13	64	64.554	3.57E+04	10.65	31.97	1024.77	24.48	24.47	82.2	1	0.86	4.67	3.27	9.07	6.35	142.5	51.5
49.41333	-126.13	65	65.568	3.57E+04	10.65	31.97	1024.77	24.48	24.48	82.2	1	0.86	4.67	3.27	9.07	6.35	142.5	51.5
49.41333	-126.13	66	66.577	3.57E+04	10.65	31.97	1024.78	24.48	24.48	82.2	1	0.87	4.70	3.29	9.07	6.35	143.3	51.8
49.41333	-126.13	67	67.584	3.57E+04	10.65	31.97	1024.79	24.48	24.48	82.1	1	0.86	4.73	3.31	9.07	6.35	144.1	52.1
49.41333	-126.13	68	68.596	3.57E+04	10.65	31.97	1024.79	24.48	24.48	82.1	1	0.91	4.75	3.32	9.07	6.35	144.7	52.3
49.41333	-126.13	69	69.602	3.57E+04	10.65	31.97	1024.80	24.48	24.48	82.0	1	0.89	4.75	3.32	9.07	6.35	144.8	52.3
49.41333	-126.13	70	70.62	3.57E+04	10.64	31.98	1024.80	24.48	24.48	81.9	1	0.92	4.73	3.31	9.07	6.35	144.4	52.2
49.41333	-126.13	71	71.617	3.57E+04	10.64	31.98	1024.81	24.49	24.48	81.8	1	0.86	4.73	3.31	9.08	6.35	144.1	52.1

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.41333	-126.13	72	72.632	3.57E+04	10.64	31.98	1024.81	24.49	24.49	81.8	1	0.87	4.72	3.30	9.08	6.35	144.0	52.0
49.41333	-126.13	73	73.637	3.57E+04	10.64	31.98	1024.82	24.49	24.49	81.8	1	0.90	4.72	3.30	9.08	6.35	144.0	52.0
49.41333	-126.13	74	74.649	3.57E+04	10.64	31.98	1024.83	24.49	24.49	81.7	1	0.88	4.72	3.31	9.08	6.35	144.1	52.0
49.41333	-126.13	75	75.657	3.57E+04	10.63	31.98	1024.83	24.49	24.49	81.8	1	0.88	4.73	3.31	9.08	6.35	144.1	52.1
49.41333	-126.13	76	76.667	3.57E+04	10.63	31.98	1024.84	24.49	24.49	81.7	1	0.90	4.73	3.31	9.08	6.35	144.2	52.1
49.41333	-126.13	77	77.677	3.57E+04	10.62	31.98	1024.84	24.49	24.49	81.8	1	0.87	4.73	3.31	9.08	6.35	144.2	52.1
49.41333	-126.13	78	78.684	3.57E+04	10.62	31.98	1024.85	24.49	24.49	81.8	1	0.90	4.72	3.30	9.08	6.35	143.9	51.9
49.41333	-126.13	79	79.694	3.57E+04	10.62	31.98	1024.85	24.49	24.49	81.8	1	0.88	4.71	3.29	9.08	6.35	143.6	51.8
49.41333	-126.13	80	80.713	3.57E+04	10.62	31.98	1024.86	24.50	24.49	81.8	1	0.90	4.70	3.29	9.08	6.35	143.3	51.7
49.41333	-126.13	81	81.715	3.57E+04	10.62	31.99	1024.87	24.50	24.50	81.6	1	0.91	4.70	3.29	9.08	6.35	143.2	51.7
49.41333	-126.13	82	82.72	3.57E+04	10.62	31.99	1024.87	24.50	24.50	81.5	1	0.88	4.70	3.29	9.08	6.35	143.3	51.7
49.41333	-126.13	83	83.726	3.57E+04	10.61	31.99	1024.88	24.50	24.50	81.6	1	0.88	4.70	3.29	9.08	6.35	143.3	51.7
49.41333	-126.13	84	84.738	3.57E+04	10.61	31.99	1024.88	24.50	24.50	81.5	1	0.92	4.70	3.29	9.08	6.35	143.3	51.7
49.41333	-126.13	85	85.75	3.57E+04	10.61	31.99	1024.89	24.50	24.50	81.4	1	0.91	4.69	3.28	9.08	6.35	143.1	51.7
49.41333	-126.13	86	86.753	3.57E+04	10.61	31.99	1024.89	24.50	24.50	81.2	1	0.90	4.69	3.28	9.08	6.35	143.0	51.6
49.41333	-126.13	87	87.763	3.57E+04	10.61	31.99	1024.90	24.50	24.50	81.3	1	0.91	4.68	3.27	9.08	6.35	142.6	51.5
49.41333	-126.13	88	88.778	3.57E+04	10.61	31.99	1024.91	24.50	24.50	81.1	1	0.92	4.67	3.27	9.08	6.35	142.3	51.4
49.41333	-126.13	89	89.783	3.57E+04	10.60	31.99	1024.91	24.51	24.50	81.0	1	0.95	4.66	3.26	9.08	6.36	142.0	51.3
49.41333	-126.13	90	90.792	3.57E+04	10.60	32.00	1024.92	24.51	24.51	80.8	1	0.92	4.65	3.25	9.08	6.36	141.7	51.1
49.41333	-126.13	91	91.802	3.57E+04	10.60	32.00	1024.92	24.51	24.51	80.6	1	0.94	4.63	3.24	9.08	6.36	141.2	51.0
49.41333	-126.13	92	92.814	3.57E+04	10.60	32.00	1024.93	24.51	24.51	80.2	1	0.93	4.63	3.24	9.08	6.36	141.1	50.9
49.41333	-126.13	93	93.818	3.57E+04	10.60	32.00	1024.93	24.51	24.51	80.3	1	0.93	4.63	3.24	9.08	6.36	141.1	50.9
49.41333	-126.13	94	94.83	3.57E+04	10.60	32.00	1024.94	24.51	24.51	80.1	1	0.92	4.63	3.24	9.08	6.36	141.1	50.9
49.41333	-126.13	95	95.838	3.57E+04	10.59	32.00	1024.94	24.51	24.51	80.0	1	0.92	4.63	3.24	9.08	6.36	141.1	50.9
49.41333	-126.13	96	96.848	3.57E+04	10.59	32.00	1024.95	24.51	24.51	79.8	1	0.93	4.63	3.24	9.08	6.36	141.1	50.9
49.41333	-126.13	97	97.857	3.57E+04	10.59	32.00	1024.95	24.51	24.51	79.9	1	0.92	4.62	3.24	9.08	6.36	141.0	50.9
49.41333	-126.13	98	98.866	3.57E+04	10.59	32.00	1024.96	24.51	24.51	79.8	1	0.92	4.62	3.24	9.08	6.36	141.0	50.9
49.41333	-126.13	99	99.874	3.57E+04	10.59	32.00	1024.96	24.51	24.51	79.6	1	0.92	4.62	3.24	9.08	6.36	141.0	50.9
49.41333	-126.13	100	100.882	3.57E+04	10.59	32.00	1024.97	24.51	24.51	79.8	1	0.93	4.63	3.24	9.08	6.36	141.1	50.9
49.41333	-126.13	101	101.892	3.57E+04	10.58	32.00	1024.97	24.52	24.51	79.7	1	0.95	4.63	3.24	9.09	6.36	141.1	50.9
49.41333	-126.13	102	102.899	3.57E+04	10.58	32.00	1024.98	24.52	24.51	79.8	1	0.92	4.63	3.24	9.09	6.36	141.2	51.0
49.41333	-126.13	103	103.907	3.57E+04	10.58	32.00	1024.99	24.52	24.52	79.7	1	0.92	4.64	3.25	9.09	6.36	141.6	51.1
49.41333	-126.13	104	104.92	3.57E+04	10.58	32.00	1024.99	24.52	24.52	79.8	1	0.92	4.65	3.26	9.09	6.36	141.9	51.2
49.41333	-126.13	105	105.929	3.57E+04	10.58	32.00	1025.00	24.52	24.52	79.8	1	0.93	4.66	3.26	9.09	6.36	142.0	51.2
49.41333	-126.13	106	106.943	3.57E+04	10.57	32.01	1025.00	24.52	24.52	79.3	1	0.90	4.67	3.27	9.09	6.36	142.3	51.3
49.41333	-126.13	107	107.945	3.57E+04	10.57	32.01	1025.01	24.52	24.52	79.4	1	0.92	4.69	3.28	9.09	6.36	142.9	51.5

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.41333	-126.13	108	108.957	3.57E+04	10.56	32.01	1025.01	24.52	24.52	79.8	1	0.92	4.71	3.29	9.09	6.36	143.5	51.8
49.41333	-126.13	109	109.966	3.57E+04	10.56	32.01	1025.02	24.52	24.52	79.8	1	0.91	4.71	3.30	9.09	6.36	143.7	51.8
49.41333	-126.13	110	110.974	3.57E+04	10.56	32.01	1025.02	24.52	24.52	80.0	1	0.92	4.72	3.30	9.09	6.36	143.9	51.9
49.41333	-126.13	111	111.983	3.57E+04	10.56	32.01	1025.03	24.52	24.52	80.1	1	0.92	4.72	3.30	9.09	6.36	144.0	51.9
49.41333	-126.13	112	112.996	3.57E+04	10.56	32.01	1025.03	24.52	24.52	80.4	1	0.89	4.72	3.31	9.09	6.36	144.0	52.0
49.41333	-126.13	113	114.003	3.57E+04	10.56	32.01	1025.04	24.52	24.52	80.6	1	0.89	4.72	3.31	9.09	6.36	144.1	52.0
49.41333	-126.13	114	115.006	3.57E+04	10.56	32.01	1025.04	24.53	24.52	80.8	1	0.89	4.72	3.31	9.09	6.36	144.0	51.9
49.41333	-126.13	115	116.022	3.57E+04	10.55	32.01	1025.05	24.53	24.52	80.8	1	0.91	4.71	3.29	9.09	6.36	143.5	51.7
49.41333	-126.13	116	117.033	3.57E+04	10.55	32.01	1025.06	24.53	24.53	81.0	1	0.94	4.69	3.28	9.09	6.36	143.1	51.6
49.41333	-126.13	117	118.039	3.57E+04	10.55	32.01	1025.06	24.53	24.53	81.0	1	0.91	4.68	3.28	9.09	6.36	142.9	51.5
49.41333	-126.13	118	119.048	3.57E+04	10.55	32.01	1025.07	24.53	24.53	81.0	1	0.90	4.68	3.28	9.09	6.36	142.8	51.5
49.41333	-126.13	119	120.059	3.57E+04	10.55	32.01	1025.07	24.53	24.53	81.0	1	0.91	4.68	3.27	9.09	6.36	142.7	51.4
49.41333	-126.13	120	121.068	3.57E+04	10.55	32.01	1025.08	24.53	24.53	81.0	1	0.90	4.68	3.28	9.09	6.36	142.7	51.5
49.41333	-126.13	121	122.076	3.57E+04	10.55	32.01	1025.08	24.53	24.53	81.1	1	0.90	4.69	3.28	9.09	6.36	143.1	51.6
49.41333	-126.13	122	123.085	3.57E+04	10.54	32.01	1025.09	24.53	24.53	81.1	1	0.91	4.70	3.29	9.09	6.36	143.4	51.7
49.41333	-126.13	123	124.097	3.57E+04	10.54	32.02	1025.09	24.53	24.53	81.1	1	0.92	4.71	3.30	9.09	6.36	143.6	51.8
49.41333	-126.13	124	125.11	3.57E+04	10.54	32.02	1025.10	24.53	24.53	81.1	1	0.94	4.71	3.29	9.09	6.36	143.5	51.7
49.41333	-126.13	125	126.112	3.57E+04	10.53	32.02	1025.11	24.54	24.54	81.0	1	0.93	4.70	3.29	9.09	6.36	143.3	51.7
49.41333	-126.13	126	127.125	3.57E+04	10.53	32.02	1025.11	24.54	24.54	81.0	1	0.92	4.68	3.28	9.10	6.36	142.8	51.5
49.41333	-126.13	127	128.141	3.57E+04	10.53	32.02	1025.12	24.54	24.54	81.0	1	0.95	4.67	3.27	9.10	6.36	142.5	51.4
49.41333	-126.13	128	129.143	3.57E+04	10.53	32.02	1025.12	24.54	24.54	81.0	1	0.94	4.66	3.26	9.10	6.36	142.1	51.2
49.41333	-126.13	129	130.148	3.57E+04	10.52	32.02	1025.13	24.54	24.54	80.8	1	0.95	4.64	3.25	9.10	6.37	141.6	51.0
49.41333	-126.13	130	131.161	3.57E+04	10.52	32.02	1025.14	24.54	24.54	80.8	1	0.94	4.63	3.24	9.10	6.37	141.1	50.9
49.41333	-126.13	131	132.172	3.57E+04	10.52	32.02	1025.14	24.55	24.54	80.7	1	0.94	4.61	3.23	9.10	6.37	140.7	50.7
49.41333	-126.13	132	133.178	3.57E+04	10.52	32.03	1025.15	24.55	24.54	80.6	1	0.96	4.59	3.21	9.10	6.37	140.0	50.5
49.41333	-126.13	133	134.19	3.57E+04	10.52	32.03	1025.15	24.55	24.54	80.2	1	0.96	4.58	3.20	9.10	6.37	139.6	50.3
49.41333	-126.13	134	135.199	3.57E+04	10.52	32.03	1025.16	24.55	24.54	80.1	1	0.97	4.56	3.19	9.10	6.37	139.2	50.2
49.41333	-126.13	135	136.202	3.57E+04	10.51	32.03	1025.16	24.55	24.54	79.9	1	0.97	4.56	3.19	9.10	6.37	139.0	50.1
49.41333	-126.13	136	137.215	3.57E+04	10.52	32.03	1025.17	24.55	24.54	79.7	1	0.98	4.56	3.19	9.10	6.37	139.0	50.1
49.41333	-126.13	137	138.224	3.57E+04	10.51	32.03	1025.17	24.55	24.54	79.3	1	0.95	4.55	3.19	9.10	6.37	138.9	50.0
49.41333	-126.13	138	139.233	3.57E+04	10.51	32.03	1025.18	24.55	24.54	78.9	1	0.96	4.55	3.19	9.10	6.37	138.8	50.0
49.41333	-126.13	139	140.246	3.57E+04	10.51	32.03	1025.18	24.55	24.54	79.0	1	1.01	4.55	3.19	9.10	6.37	138.8	50.0
49.41333	-126.13	140	141.25	3.57E+04	10.52	32.03	1025.18	24.55	24.54	78.8	1	0.95	4.55	3.18	9.10	6.37	138.8	50.0
49.41333	-126.13	141	142.26	3.57E+04	10.52	32.03	1025.19	24.55	24.54	78.5	1	0.97	4.55	3.19	9.10	6.37	138.8	50.0
49.41333	-126.13	142	143.274	3.57E+04	10.51	32.03	1025.19	24.55	24.54	78.5	1	1.01	4.55	3.18	9.10	6.37	138.6	50.0
49.41333	-126.13	143	144.276	3.57E+04	10.51	32.03	1025.20	24.55	24.55	78.4	1	0.98	4.53	3.17	9.10	6.37	138.2	49.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.41333	-126.13	144	145.289	3.57E+04	10.51	32.03	1025.20	24.55	24.55	78.3	1	0.97	4.52	3.17	9.10	6.37	138.0	49.7
49.41333	-126.13	145	146.296	3.57E+04	10.51	32.03	1025.21	24.55	24.55	78.4	1	0.96	4.52	3.16	9.10	6.37	137.7	49.6
49.41333	-126.13	146	147.31	3.57E+04	10.51	32.03	1025.21	24.55	24.55	78.2	1	0.96	4.51	3.15	9.10	6.37	137.5	49.5
49.41333	-126.13	147	148.314	3.57E+04	10.51	32.03	1025.22	24.55	24.55	78.1	1	1.00	4.50	3.15	9.10	6.37	137.2	49.4
49.41333	-126.13	148	149.327	3.57E+04	10.51	32.03	1025.22	24.55	24.55	78.0	1	0.97	4.49	3.14	9.10	6.37	136.8	49.3
49.41333	-126.13	149	150.331	3.57E+04	10.51	32.03	1025.23	24.55	24.55	77.9	1	0.96	4.47	3.13	9.10	6.37	136.4	49.1
49.41333	-126.13	150	151.342	3.57E+04	10.51	32.03	1025.23	24.55	24.55	77.8	1	0.95	4.46	3.12	9.10	6.37	136.0	49.0
49.41333	-126.13	151	152.352	3.57E+04	10.51	32.03	1025.24	24.55	24.55	77.9	1	1.00	4.44	3.11	9.10	6.37	135.5	48.8
49.41333	-126.13	152	153.366	3.57E+04	10.51	32.03	1025.24	24.55	24.55	77.7	1	0.98	4.42	3.09	9.10	6.37	134.8	48.6
49.41333	-126.13	153	154.373	3.57E+04	10.51	32.03	1025.25	24.55	24.55	77.5	1	1.02	4.38	3.07	9.10	6.37	133.7	48.2
49.41333	-126.13	154	155.381	3.57E+04	10.51	32.03	1025.25	24.55	24.55	77.2	1	1.04	4.34	3.04	9.10	6.37	132.5	47.7
49.41333	-126.13	155	156.391	3.57E+04	10.51	32.03	1025.26	24.55	24.55	76.8	1	1.06	4.32	3.02	9.10	6.37	131.7	47.5
49.41333	-126.13	156	157.396	3.57E+04	10.51	32.03	1025.26	24.55	24.55	76.5	1	1.04	4.30	3.01	9.10	6.37	131.2	47.3
49.41333	-126.13	157	158.41	3.57E+04	10.51	32.03	1025.27	24.55	24.55	75.7	1	1.05	4.29	3.00	9.10	6.37	130.9	47.2
49.41333	-126.13	158	159.416	3.57E+04	10.51	32.03	1025.27	24.55	24.55	74.9	1	1.03	4.28	3.00	9.10	6.37	130.7	47.1
49.41333	-126.13	159	160.426	3.57E+04	10.51	32.03	1025.28	24.55	24.55	74.3	1	1.05	4.28	2.99	9.10	6.37	130.5	47.0
49.41333	-126.13	160	161.44	3.57E+04	10.51	32.03	1025.28	24.55	24.55	73.9	1	1.06	4.27	2.99	9.10	6.37	130.3	47.0
49.41333	-126.13	161	162.445	3.57E+04	10.51	32.03	1025.29	24.55	24.55	73.0	1	1.04	4.27	2.99	9.10	6.37	130.3	47.0
49.41333	-126.13	162	163.456	3.57E+04	10.51	32.02	1025.28	24.55	24.54	72.6	1	1.05	4.27	2.99	9.10	6.37	130.3	46.9
49.41333	-126.13	163	164.467	3.57E+04	10.51	32.03	1025.29	24.55	24.55	72.4	1	1.06	4.27	2.99	9.10	6.37	130.2	46.9
49.41333	-126.13	164	165.471	3.57E+04	10.51	32.03	1025.30	24.55	24.55	72.0	1	1.06	4.27	2.99	9.10	6.37	130.2	46.9
49.41333	-126.13	165	166.485	3.57E+04	10.51	32.03	1025.30	24.55	24.55	71.8	1	1.17	4.27	2.99	9.10	6.37	130.1	46.9
49.41333	-126.13	166	167.492	3.57E+04	10.51	32.03	1025.31	24.55	24.55	71.5	1	1.03	4.27	2.99	9.10	6.37	130.2	46.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 77 shelter 156mz 09:47h 8/21/05																		
49.42367	-126.107	2	2.252	3.68E+04	13.62	30.52	1022.82	22.81	22.81	67.4	496	10.03	6.97	4.88	8.60	6.01	212.7	81.0
49.42367	-126.107	3	3.027	3.67E+04	13.51	30.57	1022.88	22.86	22.86	69.0	353	9.22	6.84	4.79	8.61	6.03	208.7	79.3
49.42367	-126.107	4	4.033	3.67E+04	13.33	30.66	1022.99	22.97	22.97	71.2	236	7.00	6.67	4.67	8.64	6.05	203.4	77.1
49.42367	-126.107	5	5.039	3.66E+04	13.21	30.71	1023.05	23.03	23.03	73.6	160	6.49	6.53	4.57	8.66	6.06	199.3	75.3
49.42367	-126.107	6	6.049	3.66E+04	13.15	30.73	1023.09	23.06	23.06	74.8	113	6.10	6.47	4.53	8.67	6.07	197.4	74.6
49.42367	-126.107	7	7.058	3.66E+04	13.12	30.74	1023.10	23.07	23.07	75.5	83	6.23	6.42	4.49	8.67	6.07	195.9	74.0
49.42367	-126.107	8	8.07	3.65E+04	13.06	30.76	1023.14	23.10	23.10	76.0	62	6.19	6.37	4.46	8.68	6.08	194.2	73.2
49.42367	-126.107	9	9.079	3.65E+04	13.02	30.78	1023.16	23.12	23.12	76.2	47	5.91	6.31	4.41	8.69	6.08	192.2	72.4
49.42367	-126.107	10	10.086	3.65E+04	12.91	30.83	1023.23	23.18	23.18	76.6	37	6.09	6.23	4.36	8.71	6.09	190.2	71.5
49.42367	-126.107	11	11.092	3.65E+04	12.87	30.84	1023.25	23.20	23.20	76.9	29	5.53	6.19	4.33	8.71	6.10	188.8	70.9
49.42367	-126.107	12	12.101	3.65E+04	12.85	30.85	1023.26	23.21	23.21	77.3	23	5.13	6.16	4.31	8.72	6.10	187.8	70.5
49.42367	-126.107	13	13.106	3.64E+04	12.76	30.90	1023.32	23.26	23.26	77.7	19	4.94	6.11	4.27	8.73	6.11	186.0	69.8
49.42367	-126.107	14	14.12	3.64E+04	12.64	30.97	1023.41	23.34	23.34	77.9	15	4.02	6.06	4.24	8.75	6.12	184.5	69.0
49.42367	-126.107	15	15.127	3.64E+04	12.54	31.02	1023.47	23.40	23.40	78.2	13	3.66	6.00	4.20	8.76	6.13	182.7	68.3
49.42367	-126.107	16	16.138	3.63E+04	12.41	31.12	1023.57	23.50	23.50	78.5	10	3.05	5.98	4.18	8.78	6.15	182.3	68.0
49.42367	-126.107	17	17.145	3.64E+04	12.35	31.18	1023.64	23.56	23.56	78.9	9	2.85	6.00	4.20	8.79	6.15	182.9	68.1
49.42367	-126.107	18	18.152	3.64E+04	12.30	31.21	1023.68	23.60	23.59	79.3	7	2.62	6.00	4.20	8.80	6.16	183.1	68.2
49.42367	-126.107	19	19.162	3.64E+04	12.26	31.24	1023.71	23.62	23.62	79.8	6	2.47	6.01	4.21	8.80	6.16	183.2	68.2
49.42367	-126.107	20	20.172	3.64E+04	12.19	31.31	1023.78	23.69	23.69	80.4	5	2.35	6.02	4.21	8.81	6.17	183.7	68.2
49.42367	-126.107	21	21.183	3.64E+04	12.15	31.33	1023.81	23.71	23.71	80.6	5	2.12	6.03	4.22	8.82	6.17	183.9	68.3
49.42367	-126.107	22	22.187	3.64E+04	12.14	31.34	1023.82	23.72	23.72	80.9	4	2.12	6.04	4.22	8.82	6.17	184.1	68.4
49.42367	-126.107	23	23.199	3.63E+04	12.10	31.37	1023.86	23.75	23.75	81.3	4	2.07	6.04	4.23	8.83	6.18	184.2	68.3
49.42367	-126.107	24	24.213	3.63E+04	12.07	31.38	1023.87	23.76	23.76	81.4	3	2.09	6.03	4.22	8.83	6.18	183.7	68.1
49.42367	-126.107	25	25.215	3.63E+04	12.02	31.41	1023.91	23.80	23.80	81.6	3	2.02	6.01	4.20	8.84	6.19	183.3	67.9
49.42367	-126.107	26	26.221	3.63E+04	12.02	31.41	1023.92	23.80	23.80	81.6	3	2.01	6.00	4.20	8.84	6.19	182.9	67.8
49.42367	-126.107	27	27.233	3.63E+04	11.96	31.43	1023.95	23.83	23.83	81.7	3	1.98	5.95	4.16	8.85	6.19	181.1	67.0
49.42367	-126.107	28	28.244	3.62E+04	11.86	31.45	1023.99	23.86	23.86	81.9	2	1.83	5.86	4.10	8.87	6.21	178.5	66.0
49.42367	-126.107	29	29.251	3.62E+04	11.82	31.47	1024.01	23.88	23.88	81.8	2	1.69	5.81	4.07	8.87	6.21	177.2	65.4
49.42367	-126.107	30	30.26	3.62E+04	11.79	31.49	1024.04	23.91	23.90	82.1	2	1.58	5.80	4.06	8.88	6.21	177.0	65.3
49.42367	-126.107	31	31.272	3.62E+04	11.79	31.51	1024.06	23.92	23.92	82.2	2	1.54	5.84	4.09	8.88	6.21	178.6	65.9
49.42367	-126.107	32	32.273	3.63E+04	11.86	31.55	1024.08	23.94	23.94	82.1	2	1.71	6.00	4.20	8.86	6.20	183.3	67.8
49.42367	-126.107	33	33.284	3.64E+04	11.89	31.59	1024.11	23.96	23.96	82.2	2	1.89	6.14	4.30	8.86	6.20	186.6	69.0
49.42367	-126.107	34	34.291	3.63E+04	11.70	31.63	1024.18	24.03	24.03	82.2	2	1.75	6.03	4.22	8.89	6.22	183.4	67.6
49.42367	-126.107	35	35.304	3.62E+04	11.56	31.65	1024.23	24.07	24.07	82.3	2	1.56	5.81	4.06	8.91	6.24	176.5	64.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42367	-126.107	36	36.31	3.61E+04	11.38	31.69	1024.29	24.13	24.13	82.4	2	1.35	5.58	3.91	8.95	6.26	170.0	62.3
49.42367	-126.107	37	37.324	3.60E+04	11.33	31.71	1024.32	24.16	24.16	82.4	2	1.30	5.43	3.80	8.96	6.27	165.4	60.5
49.42367	-126.107	38	38.325	3.60E+04	11.21	31.73	1024.37	24.20	24.20	82.4	2	1.25	5.27	3.69	8.98	6.28	160.7	58.7
49.42367	-126.107	39	39.339	3.59E+04	11.17	31.76	1024.40	24.23	24.22	82.5	2	1.24	5.19	3.63	8.98	6.29	158.1	57.7
49.42367	-126.107	40	40.347	3.59E+04	11.11	31.78	1024.43	24.25	24.25	82.8	1	1.22	5.11	3.57	8.99	6.29	155.7	56.7
49.42367	-126.107	41	41.355	3.59E+04	11.06	31.81	1024.47	24.28	24.28	82.8	1	1.11	5.09	3.56	9.00	6.30	155.2	56.5
49.42367	-126.107	42	42.365	3.59E+04	11.05	31.82	1024.48	24.29	24.29	82.8	1	1.10	5.08	3.55	9.00	6.30	154.7	56.3
49.42367	-126.107	43	43.372	3.59E+04	11.03	31.82	1024.49	24.29	24.29	82.8	1	1.12	5.03	3.52	9.01	6.30	153.3	55.8
49.42367	-126.107	44	44.38	3.58E+04	10.99	31.82	1024.50	24.30	24.30	82.9	1	1.10	4.95	3.46	9.02	6.31	150.8	54.8
49.42367	-126.107	45	45.394	3.58E+04	10.97	31.82	1024.52	24.31	24.31	82.9	1	1.08	4.89	3.42	9.02	6.31	149.0	54.2
49.42367	-126.107	46	46.4	3.58E+04	10.92	31.84	1024.54	24.33	24.33	82.8	1	1.02	4.86	3.40	9.03	6.32	148.0	53.7
49.42367	-126.107	47	47.413	3.58E+04	10.90	31.85	1024.55	24.34	24.34	83.0	1	1.02	4.84	3.39	9.03	6.32	147.7	53.6
49.42367	-126.107	48	48.416	3.58E+04	10.88	31.85	1024.56	24.35	24.35	83.2	1	1.01	4.83	3.38	9.03	6.32	147.1	53.4
49.42367	-126.107	49	49.427	3.58E+04	10.84	31.86	1024.58	24.36	24.36	83.1	1	1.01	4.82	3.37	9.04	6.33	146.8	53.2
49.42367	-126.107	50	50.436	3.57E+04	10.81	31.87	1024.60	24.38	24.38	83.2	1	0.95	4.81	3.37	9.05	6.33	146.6	53.1
49.42367	-126.107	51	51.445	3.57E+04	10.78	31.88	1024.62	24.39	24.39	83.2	1	0.92	4.81	3.37	9.05	6.34	146.6	53.1
49.42367	-126.107	52	52.453	3.57E+04	10.76	31.89	1024.63	24.40	24.39	83.2	1	0.87	4.82	3.37	9.06	6.34	146.9	53.2
49.42367	-126.107	53	53.462	3.57E+04	10.74	31.90	1024.65	24.40	24.40	83.2	1	0.86	4.85	3.39	9.06	6.34	147.8	53.5
49.42367	-126.107	54	54.471	3.57E+04	10.73	31.90	1024.66	24.41	24.41	83.2	1	0.84	4.86	3.40	9.06	6.34	148.3	53.6
49.42367	-126.107	55	55.479	3.57E+04	10.73	31.90	1024.66	24.41	24.41	83.2	1	0.86	4.85	3.39	9.06	6.34	147.8	53.5
49.42367	-126.107	56	56.488	3.57E+04	10.73	31.90	1024.67	24.41	24.41	83.1	1	0.86	4.83	3.38	9.06	6.34	147.4	53.3
49.42367	-126.107	57	57.496	3.57E+04	10.72	31.91	1024.68	24.42	24.42	83.1	1	0.86	4.83	3.38	9.06	6.34	147.2	53.2
49.42367	-126.107	58	58.51	3.57E+04	10.71	31.91	1024.69	24.42	24.42	83.0	1	0.85	4.82	3.37	9.07	6.34	147.0	53.1
49.42367	-126.107	59	59.515	3.57E+04	10.70	31.92	1024.70	24.43	24.43	83.0	1	0.85	4.82	3.37	9.07	6.34	146.9	53.1
49.42367	-126.107	60	60.522	3.57E+04	10.69	31.92	1024.71	24.43	24.43	83.0	1	0.85	4.81	3.37	9.07	6.35	146.7	53.0
49.42367	-126.107	61	61.533	3.57E+04	10.68	31.92	1024.71	24.44	24.44	83.0	1	0.86	4.81	3.37	9.07	6.35	146.8	53.1
49.42367	-126.107	62	62.541	3.57E+04	10.68	31.93	1024.72	24.44	24.44	83.0	1	0.85	4.80	3.36	9.07	6.35	146.3	52.9
49.42367	-126.107	63	63.552	3.57E+04	10.68	31.93	1024.73	24.44	24.44	83.0	1	0.86	4.77	3.34	9.07	6.35	145.4	52.6
49.42367	-126.107	64	64.558	3.57E+04	10.68	31.94	1024.74	24.45	24.45	82.8	1	0.85	4.73	3.31	9.07	6.35	144.4	52.2
49.42367	-126.107	65	65.568	3.57E+04	10.68	31.94	1024.74	24.45	24.45	82.9	1	0.85	4.71	3.30	9.07	6.35	143.8	52.0
49.42367	-126.107	66	66.578	3.57E+04	10.68	31.94	1024.75	24.45	24.45	82.9	1	0.87	4.70	3.29	9.07	6.35	143.4	51.8
49.42367	-126.107	67	67.587	3.57E+04	10.67	31.94	1024.76	24.45	24.45	82.6	1	0.86	4.69	3.28	9.07	6.35	143.1	51.7
49.42367	-126.107	68	68.595	3.57E+04	10.67	31.94	1024.76	24.45	24.45	82.7	1	0.85	4.70	3.29	9.07	6.35	143.3	51.8
49.42367	-126.107	69	69.605	3.57E+04	10.65	31.94	1024.77	24.46	24.46	82.6	1	0.85	4.72	3.30	9.08	6.35	143.8	51.9
49.42367	-126.107	70	70.613	3.57E+04	10.63	31.95	1024.78	24.46	24.46	82.5	1	0.86	4.71	3.30	9.08	6.35	143.7	51.9
49.42367	-126.107	71	71.623	3.57E+04	10.64	31.95	1024.79	24.47	24.47	82.6	1	0.85	4.69	3.28	9.08	6.35	143.1	51.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42367	-126.107	72	72.633	3.57E+04	10.62	31.96	1024.80	24.47	24.47	82.3	1	0.86	4.70	3.29	9.08	6.35	143.3	51.7
49.42367	-126.107	73	73.64	3.57E+04	10.62	31.96	1024.81	24.48	24.48	82.5	1	0.85	4.69	3.29	9.08	6.35	143.2	51.7
49.42367	-126.107	74	74.648	3.57E+04	10.63	31.97	1024.82	24.48	24.48	82.1	1	0.89	4.68	3.27	9.08	6.35	142.7	51.5
49.42367	-126.107	75	75.66	3.57E+04	10.61	31.97	1024.83	24.48	24.48	82.3	1	0.86	4.65	3.25	9.08	6.36	141.7	51.2
49.42367	-126.107	76	76.666	3.57E+04	10.61	31.97	1024.83	24.49	24.49	82.1	1	0.86	4.64	3.24	9.08	6.35	141.4	51.0
49.42367	-126.107	77	77.673	3.57E+04	10.62	31.97	1024.84	24.49	24.49	82.1	1	0.85	4.65	3.25	9.08	6.35	141.8	51.2
49.42367	-126.107	78	78.685	3.57E+04	10.62	31.97	1024.84	24.49	24.49	82.0	1	0.86	4.64	3.25	9.08	6.35	141.7	51.1
49.42367	-126.107	79	79.694	3.57E+04	10.61	31.98	1024.85	24.49	24.49	82.0	1	0.86	4.64	3.25	9.08	6.35	141.6	51.1
49.42367	-126.107	80	80.706	3.57E+04	10.62	31.98	1024.85	24.49	24.49	82.0	1	0.85	4.66	3.26	9.08	6.35	142.2	51.3
49.42367	-126.107	81	81.712	3.57E+04	10.62	31.98	1024.86	24.49	24.49	81.9	1	0.89	4.69	3.28	9.08	6.35	142.9	51.6
49.42367	-126.107	82	82.719	3.57E+04	10.63	31.98	1024.86	24.49	24.49	81.8	1	0.89	4.71	3.30	9.08	6.35	143.6	51.9
49.42367	-126.107	83	83.728	3.57E+04	10.62	31.98	1024.87	24.49	24.49	81.6	1	0.91	4.71	3.30	9.08	6.35	143.6	51.9
49.42367	-126.107	84	84.739	3.57E+04	10.62	31.99	1024.88	24.50	24.49	81.6	1	0.91	4.71	3.30	9.08	6.35	143.7	51.9
49.42367	-126.107	85	85.748	3.57E+04	10.62	31.99	1024.88	24.50	24.50	81.2	1	0.89	4.71	3.30	9.08	6.35	143.7	51.9
49.42367	-126.107	86	86.758	3.57E+04	10.62	31.99	1024.89	24.50	24.50	80.6	1	0.90	4.72	3.30	9.08	6.35	143.9	51.9
49.42367	-126.107	87	87.768	3.57E+04	10.62	31.99	1024.89	24.50	24.50	81.5	1	0.90	4.71	3.30	9.08	6.35	143.8	51.9
49.42367	-126.107	88	88.773	3.57E+04	10.61	31.99	1024.90	24.50	24.50	81.5	1	0.88	4.71	3.30	9.08	6.35	143.8	51.9
49.42367	-126.107	89	89.785	3.57E+04	10.61	31.99	1024.91	24.50	24.50	81.5	1	0.89	4.71	3.30	9.08	6.35	143.7	51.9
49.42367	-126.107	90	90.796	3.57E+04	10.61	31.99	1024.91	24.50	24.50	81.5	1	0.89	4.71	3.30	9.08	6.35	143.6	51.9
49.42367	-126.107	91	91.801	3.57E+04	10.61	31.99	1024.92	24.50	24.50	81.3	1	0.91	4.71	3.30	9.08	6.35	143.7	51.9
49.42367	-126.107	92	92.811	3.57E+04	10.60	31.99	1024.92	24.50	24.50	81.0	1	0.88	4.71	3.30	9.08	6.36	143.6	51.8
49.42367	-126.107	93	93.82	3.57E+04	10.60	31.99	1024.93	24.51	24.50	81.3	1	0.90	4.71	3.30	9.08	6.36	143.7	51.9
49.42367	-126.107	94	94.828	3.57E+04	10.60	31.99	1024.93	24.51	24.50	81.3	1	0.88	4.71	3.30	9.08	6.36	143.7	51.9
49.42367	-126.107	95	95.838	3.57E+04	10.60	31.99	1024.94	24.51	24.51	81.3	1	0.88	4.71	3.29	9.08	6.36	143.5	51.8
49.42367	-126.107	96	96.844	3.57E+04	10.59	32.00	1024.95	24.51	24.51	81.2	1	0.89	4.70	3.29	9.08	6.36	143.3	51.7
49.42367	-126.107	97	97.861	3.57E+04	10.59	32.00	1024.95	24.51	24.51	81.2	1	0.90	4.70	3.29	9.08	6.36	143.2	51.7
49.42367	-126.107	98	98.867	3.57E+04	10.59	32.00	1024.96	24.51	24.51	81.1	1	0.92	4.70	3.29	9.08	6.36	143.3	51.7
49.42367	-126.107	99	99.875	3.57E+04	10.59	32.00	1024.96	24.51	24.51	81.2	1	0.92	4.71	3.30	9.08	6.36	143.6	51.8
49.42367	-126.107	100	100.886	3.57E+04	10.59	32.00	1024.97	24.51	24.51	81.0	1	0.87	4.72	3.30	9.08	6.36	143.9	51.9
49.42367	-126.107	101	101.889	3.57E+04	10.59	32.00	1024.97	24.51	24.51	80.8	1	0.89	4.72	3.30	9.08	6.36	144.0	52.0
49.42367	-126.107	102	102.9	3.57E+04	10.59	32.00	1024.98	24.51	24.51	80.8	1	0.90	4.72	3.31	9.08	6.36	144.0	52.0
49.42367	-126.107	103	103.91	3.57E+04	10.59	32.00	1024.98	24.51	24.51	81.2	1	0.88	4.72	3.31	9.08	6.36	144.1	52.0
49.42367	-126.107	104	104.922	3.57E+04	10.59	32.00	1024.99	24.51	24.51	81.2	1	0.90	4.73	3.31	9.08	6.36	144.1	52.0
49.42367	-126.107	105	105.925	3.57E+04	10.59	32.00	1024.99	24.51	24.51	81.1	1	0.89	4.72	3.31	9.08	6.36	144.1	52.0
49.42367	-126.107	106	106.938	3.57E+04	10.59	32.00	1025.00	24.51	24.51	80.7	1	0.89	4.72	3.30	9.09	6.36	144.0	52.0
49.42367	-126.107	107	107.948	3.57E+04	10.58	32.00	1025.00	24.52	24.51	81.0	1	0.90	4.72	3.30	9.09	6.36	143.9	51.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42367	-126.107	108	108.953	3.57E+04	10.58	32.00	1025.01	24.52	24.51	81.1	1	0.88	4.71	3.30	9.09	6.36	143.7	51.9
49.42367	-126.107	109	109.968	3.57E+04	10.58	32.00	1025.01	24.52	24.51	80.5	1	0.91	4.70	3.29	9.09	6.36	143.4	51.7
49.42367	-126.107	110	110.976	3.57E+04	10.58	32.00	1025.02	24.52	24.51	80.8	1	0.90	4.70	3.29	9.09	6.36	143.2	51.7
49.42367	-126.107	111	111.986	3.57E+04	10.58	32.00	1025.02	24.52	24.52	80.9	1	0.90	4.70	3.29	9.09	6.36	143.3	51.7
49.42367	-126.107	112	112.994	3.57E+04	10.58	32.00	1025.03	24.52	24.52	80.9	1	0.90	4.71	3.30	9.09	6.36	143.6	51.8
49.42367	-126.107	113	114	3.57E+04	10.57	32.00	1025.03	24.52	24.52	81.0	1	0.91	4.70	3.29	9.09	6.36	143.3	51.7
49.42367	-126.107	114	115.019	3.57E+04	10.57	32.00	1025.04	24.52	24.52	80.6	1	0.89	4.69	3.28	9.09	6.36	142.9	51.5
49.42367	-126.107	115	116.019	3.57E+04	10.57	32.00	1025.04	24.52	24.52	80.9	1	0.89	4.67	3.27	9.09	6.36	142.5	51.4
49.42367	-126.107	116	117.029	3.57E+04	10.56	32.01	1025.05	24.52	24.52	80.9	1	0.92	4.66	3.26	9.09	6.36	142.2	51.3
49.42367	-126.107	117	118.038	3.57E+04	10.56	32.01	1025.06	24.52	24.52	80.8	1	0.90	4.65	3.25	9.09	6.36	141.8	51.1
49.42367	-126.107	118	119.049	3.57E+04	10.56	32.01	1025.06	24.53	24.52	80.5	1	0.90	4.63	3.24	9.09	6.36	141.4	51.0
49.42367	-126.107	119	120.058	3.57E+04	10.56	32.01	1025.07	24.53	24.52	81.0	1	0.91	4.63	3.24	9.09	6.36	141.1	50.9
49.42367	-126.107	120	121.067	3.57E+04	10.56	32.01	1025.07	24.53	24.52	80.9	1	0.92	4.62	3.23	9.09	6.36	140.9	50.8
49.42367	-126.107	121	122.077	3.57E+04	10.56	32.01	1025.08	24.53	24.52	81.0	1	0.90	4.61	3.22	9.09	6.36	140.5	50.7
49.42367	-126.107	122	123.086	3.57E+04	10.55	32.01	1025.08	24.53	24.53	81.0	1	0.95	4.59	3.21	9.09	6.36	140.1	50.5
49.42367	-126.107	123	124.093	3.57E+04	10.55	32.01	1025.09	24.53	24.53	80.8	1	0.95	4.60	3.22	9.09	6.36	140.2	50.6
49.42367	-126.107	124	125.108	3.57E+04	10.55	32.01	1025.09	24.53	24.53	80.3	1	0.93	4.61	3.22	9.09	6.36	140.5	50.7
49.42367	-126.107	125	126.11	3.57E+04	10.55	32.01	1025.10	24.53	24.53	80.6	1	0.93	4.62	3.23	9.09	6.36	140.8	50.8
49.42367	-126.107	126	127.121	3.57E+04	10.54	32.02	1025.11	24.53	24.53	80.4	1	0.94	4.62	3.23	9.09	6.36	140.9	50.8
49.42367	-126.107	127	128.134	3.57E+04	10.54	32.02	1025.11	24.53	24.53	80.2	1	0.94	4.62	3.24	9.09	6.36	141.0	50.8
49.42367	-126.107	128	129.134	3.57E+04	10.54	32.02	1025.12	24.54	24.53	80.0	1	0.90	4.63	3.24	9.09	6.36	141.3	50.9
49.42367	-126.107	129	130.144	3.57E+04	10.54	32.02	1025.12	24.54	24.53	79.9	1	0.95	4.63	3.24	9.09	6.36	141.3	50.9
49.42367	-126.107	130	131.155	3.57E+04	10.54	32.02	1025.13	24.54	24.53	79.9	1	0.94	4.63	3.24	9.09	6.36	141.2	50.9
49.42367	-126.107	131	132.161	3.57E+04	10.54	32.02	1025.13	24.54	24.53	79.9	1	0.95	4.62	3.23	9.09	6.36	140.8	50.8
49.42367	-126.107	132	133.179	3.57E+04	10.54	32.02	1025.14	24.54	24.53	79.7	1	0.96	4.61	3.22	9.09	6.36	140.5	50.7
49.42367	-126.107	133	134.184	3.57E+04	10.53	32.02	1025.14	24.54	24.54	79.6	1	0.96	4.61	3.22	9.09	6.36	140.5	50.6
49.42367	-126.107	134	135.193	3.57E+04	10.53	32.02	1025.15	24.54	24.54	79.6	1	0.95	4.61	3.22	9.09	6.36	140.4	50.6
49.42367	-126.107	135	136.202	3.57E+04	10.53	32.02	1025.15	24.54	24.54	79.5	1	0.96	4.60	3.22	9.10	6.36	140.3	50.6
49.42367	-126.107	136	137.214	3.57E+04	10.53	32.02	1025.16	24.54	24.54	79.6	1	0.93	4.60	3.22	9.10	6.36	140.1	50.5
49.42367	-126.107	137	138.223	3.57E+04	10.52	32.02	1025.17	24.54	24.54	79.4	1	0.95	4.59	3.21	9.10	6.37	140.0	50.5
49.42367	-126.107	138	139.237	3.57E+04	10.52	32.02	1025.17	24.54	24.54	79.3	1	0.95	4.59	3.21	9.10	6.37	139.9	50.4
49.42367	-126.107	139	140.244	3.57E+04	10.52	32.02	1025.18	24.54	24.54	79.2	1	0.94	4.58	3.20	9.10	6.37	139.6	50.3
49.42367	-126.107	140	141.25	3.57E+04	10.52	32.03	1025.18	24.55	24.54	79.2	1	0.97	4.56	3.19	9.10	6.37	139.2	50.2
49.42367	-126.107	141	142.261	3.57E+04	10.51	32.03	1025.19	24.55	24.54	79.1	1	0.97	4.55	3.18	9.10	6.37	138.8	50.0
49.42367	-126.107	142	143.275	3.57E+04	10.51	32.03	1025.19	24.55	24.55	78.9	1	0.96	4.54	3.17	9.10	6.37	138.4	49.9
49.42367	-126.107	143	144.277	3.57E+04	10.51	32.03	1025.20	24.55	24.55	78.8	1	0.97	4.53	3.17	9.10	6.37	138.1	49.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42367	-126.107	144	145.286	3.57E+04	10.51	32.03	1025.20	24.55	24.55	78.5	1	0.96	4.52	3.16	9.10	6.37	137.8	49.7
49.42367	-126.107	145	146.296	3.57E+04	10.51	32.03	1025.21	24.55	24.55	78.5	1	1.01	4.49	3.14	9.10	6.37	137.0	49.4
49.42367	-126.107	146	147.307	3.57E+04	10.51	32.03	1025.22	24.55	24.55	78.1	1	0.98	4.47	3.13	9.10	6.37	136.2	49.1
49.42367	-126.107	147	148.315	3.57E+04	10.51	32.03	1025.22	24.55	24.55	78.2	1	1.02	4.45	3.11	9.10	6.37	135.6	48.9
49.42367	-126.107	148	149.324	3.57E+04	10.51	32.03	1025.22	24.55	24.55	77.6	1	1.01	4.43	3.10	9.10	6.37	135.1	48.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 78 shelter 154mz 10:11h 8/21/05																		
49.42483	-126.084	2	2.261	3.68E+04	13.93	30.35	1022.62	22.61	22.61	54.5	439	14.17	7.62	5.33	8.55	5.98	232.2	88.9
49.42483	-126.084	3	3.025	3.68E+04	13.89	30.36	1022.64	22.62	22.62	56.5	287	12.86	7.47	5.23	8.55	5.99	226.6	86.7
49.42483	-126.084	4	4.032	3.68E+04	13.71	30.44	1022.74	22.73	22.73	59.2	167	12.69	7.21	5.04	8.58	6.01	218.5	83.3
49.42483	-126.084	5	5.044	3.66E+04	13.36	30.62	1022.96	22.93	22.93	61.3	109	9.55	6.94	4.86	8.64	6.04	211.1	80.0
49.42483	-126.084	6	6.051	3.66E+04	13.19	30.71	1023.06	23.03	23.03	62.8	73	7.85	6.73	4.71	8.66	6.06	204.6	77.3
49.42483	-126.084	7	7.061	3.65E+04	12.99	30.80	1023.18	23.15	23.15	66.1	51	6.37	6.51	4.56	8.69	6.08	198.3	74.7
49.42483	-126.084	8	8.068	3.65E+04	12.86	30.86	1023.25	23.21	23.21	72.5	37	5.08	6.38	4.46	8.71	6.10	194.0	72.9
49.42483	-126.084	9	9.074	3.64E+04	12.67	30.97	1023.38	23.34	23.34	76.8	28	4.51	6.21	4.35	8.74	6.12	189.3	70.9
49.42483	-126.084	10	10.081	3.64E+04	12.55	31.02	1023.45	23.40	23.40	77.7	22	3.79	6.10	4.27	8.76	6.13	185.7	69.4
49.42483	-126.084	11	11.093	3.63E+04	12.41	31.07	1023.51	23.46	23.46	78.5	18	3.25	5.94	4.16	8.79	6.15	180.9	67.4
49.42483	-126.084	12	12.1	3.62E+04	12.26	31.11	1023.58	23.52	23.52	79.6	15	2.67	5.77	4.04	8.81	6.17	176.3	65.5
49.42483	-126.084	13	13.113	3.62E+04	12.25	31.13	1023.60	23.54	23.54	80.9	12	2.39	5.73	4.01	8.81	6.17	175.0	65.0
49.42483	-126.084	14	14.121	3.62E+04	12.23	31.15	1023.62	23.56	23.56	81.4	10	2.30	5.73	4.01	8.82	6.17	174.7	64.9
49.42483	-126.084	15	15.13	3.62E+04	12.17	31.18	1023.66	23.59	23.59	81.6	9	2.15	5.70	3.99	8.82	6.17	173.8	64.5
49.42483	-126.084	16	16.142	3.62E+04	12.08	31.27	1023.75	23.68	23.68	81.8	7	1.96	5.72	4.01	8.84	6.18	174.8	64.8
49.42483	-126.084	17	17.141	3.63E+04	12.08	31.32	1023.80	23.72	23.72	82.1	6	1.80	5.82	4.07	8.83	6.18	177.7	65.9
49.42483	-126.084	18	18.158	3.63E+04	12.06	31.34	1023.82	23.74	23.74	82.1	5	1.72	5.87	4.11	8.84	6.18	179.2	66.4
49.42483	-126.084	19	19.165	3.63E+04	12.02	31.36	1023.85	23.76	23.76	82.2	5	1.68	5.88	4.11	8.84	6.19	179.2	66.4
49.42483	-126.084	20	20.175	3.63E+04	11.98	31.38	1023.88	23.79	23.79	82.3	4	1.63	5.86	4.10	8.85	6.19	178.6	66.1
49.42483	-126.084	21	21.18	3.63E+04	11.96	31.39	1023.89	23.80	23.80	82.3	4	1.60	5.83	4.08	8.85	6.20	178.0	65.9
49.42483	-126.084	22	22.19	3.63E+04	11.94	31.41	1023.91	23.81	23.81	82.4	3	1.58	5.84	4.09	8.86	6.20	178.3	66.0
49.42483	-126.084	23	23.203	3.63E+04	11.93	31.42	1023.93	23.82	23.82	82.4	3	1.57	5.86	4.10	8.86	6.20	178.7	66.1
49.42483	-126.084	24	24.209	3.62E+04	11.92	31.42	1023.93	23.83	23.83	82.4	3	1.53	5.85	4.09	8.86	6.20	178.3	65.9
49.42483	-126.084	25	25.215	3.62E+04	11.87	31.43	1023.96	23.84	23.84	82.4	3	1.47	5.80	4.06	8.87	6.21	176.4	65.2
49.42483	-126.084	26	26.228	3.61E+04	11.71	31.47	1024.02	23.90	23.90	82.8	2	1.37	5.64	3.95	8.90	6.22	171.9	63.3
49.42483	-126.084	27	27.23	3.61E+04	11.65	31.49	1024.05	23.93	23.93	83.1	2	1.29	5.53	3.87	8.91	6.23	168.6	62.0
49.42483	-126.084	28	28.251	3.60E+04	11.58	31.51	1024.09	23.96	23.96	83.2	2	1.29	5.44	3.81	8.92	6.24	165.8	60.9
49.42483	-126.084	29	29.25	3.60E+04	11.51	31.54	1024.13	24.00	24.00	83.2	2	1.26	5.34	3.74	8.93	6.25	162.8	59.7
49.42483	-126.084	30	30.262	3.60E+04	11.44	31.58	1024.17	24.03	24.03	83.3	2	1.23	5.26	3.68	8.94	6.26	160.7	58.9
49.42483	-126.084	31	31.267	3.61E+04	11.45	31.63	1024.21	24.07	24.07	83.3	2	1.22	5.35	3.74	8.94	6.25	163.0	59.8
49.42483	-126.084	32	32.276	3.60E+04	11.35	31.70	1024.29	24.15	24.15	83.1	2	1.21	5.37	3.76	8.95	6.26	163.5	59.9
49.42483	-126.084	33	33.285	3.60E+04	11.28	31.74	1024.34	24.19	24.19	83.0	2	1.16	5.35	3.74	8.96	6.27	163.1	59.6
49.42483	-126.084	34	34.292	3.60E+04	11.26	31.74	1024.35	24.20	24.20	83.0	2	1.15	5.34	3.74	8.97	6.27	162.9	59.5
49.42483	-126.084	35	35.31	3.60E+04	11.24	31.76	1024.37	24.21	24.21	83.0	2	1.17	5.34	3.74	8.97	6.28	162.8	59.5

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42483	-126.084	36	36.31	3.60E+04	11.22	31.76	1024.38	24.22	24.22	83.0	2	1.17	5.31	3.72	8.97	6.28	162.1	59.2
49.42483	-126.084	37	37.317	3.60E+04	11.21	31.77	1024.39	24.22	24.22	82.9	2	1.16	5.28	3.69	8.98	6.28	160.6	58.7
49.42483	-126.084	38	38.333	3.59E+04	11.09	31.78	1024.43	24.26	24.26	82.9	2	1.12	5.08	3.55	9.00	6.30	154.8	56.4
49.42483	-126.084	39	39.336	3.59E+04	11.04	31.80	1024.45	24.28	24.28	83.1	1	1.04	4.97	3.47	9.01	6.30	151.5	55.1
49.42483	-126.084	40	40.346	3.59E+04	11.03	31.80	1024.46	24.28	24.28	83.2	1	1.03	4.93	3.45	9.01	6.30	150.2	54.7
49.42483	-126.084	41	41.358	3.59E+04	11.02	31.80	1024.47	24.28	24.28	83.3	1	1.03	4.89	3.42	9.01	6.30	149.1	54.2
49.42483	-126.084	42	42.367	3.58E+04	10.99	31.80	1024.48	24.28	24.28	83.3	1	1.03	4.78	3.34	9.02	6.31	145.6	52.9
49.42483	-126.084	43	43.372	3.58E+04	10.94	31.81	1024.50	24.30	24.30	83.5	1	0.97	4.68	3.27	9.03	6.32	142.6	51.8
49.42483	-126.084	44	44.378	3.58E+04	10.93	31.81	1024.51	24.31	24.31	83.6	1	0.98	4.67	3.27	9.03	6.32	142.4	51.7
49.42483	-126.084	45	45.386	3.58E+04	10.92	31.82	1024.52	24.32	24.32	83.6	1	0.98	4.69	3.28	9.03	6.32	143.0	51.9
49.42483	-126.084	46	46.402	3.58E+04	10.90	31.83	1024.53	24.32	24.32	83.4	1	0.98	4.70	3.29	9.03	6.32	143.3	52.0
49.42483	-126.084	47	47.408	3.58E+04	10.89	31.83	1024.54	24.33	24.33	83.4	1	0.95	4.70	3.29	9.03	6.32	143.4	52.0
49.42483	-126.084	48	48.42	3.58E+04	10.88	31.83	1024.55	24.33	24.33	83.4	1	0.93	4.71	3.29	9.04	6.32	143.6	52.1
49.42483	-126.084	49	49.424	3.58E+04	10.87	31.84	1024.56	24.34	24.34	83.3	1	0.93	4.72	3.31	9.04	6.32	144.1	52.2
49.42483	-126.084	50	50.441	3.58E+04	10.86	31.85	1024.57	24.35	24.35	83.4	1	0.92	4.75	3.32	9.04	6.33	144.8	52.5
49.42483	-126.084	51	51.435	3.58E+04	10.85	31.85	1024.58	24.35	24.35	83.4	1	0.92	4.78	3.34	9.04	6.33	145.6	52.8
49.42483	-126.084	52	52.452	3.57E+04	10.82	31.86	1024.60	24.36	24.36	83.3	1	0.90	4.80	3.36	9.05	6.33	146.3	53.0
49.42483	-126.084	53	53.464	3.57E+04	10.81	31.87	1024.61	24.37	24.37	83.2	1	0.87	4.81	3.37	9.05	6.33	146.8	53.2
49.42483	-126.084	54	54.471	3.57E+04	10.80	31.87	1024.62	24.37	24.37	83.2	1	0.87	4.82	3.38	9.05	6.33	147.1	53.3
49.42483	-126.084	55	55.48	3.57E+04	10.80	31.87	1024.63	24.38	24.38	83.2	1	0.86	4.82	3.38	9.05	6.33	147.1	53.3
49.42483	-126.084	56	56.489	3.57E+04	10.78	31.88	1024.64	24.39	24.39	83.2	1	0.85	4.80	3.36	9.05	6.34	146.4	53.0
49.42483	-126.084	57	57.496	3.57E+04	10.76	31.89	1024.66	24.40	24.40	83.1	1	0.85	4.77	3.34	9.06	6.34	145.5	52.7
49.42483	-126.084	58	58.503	3.57E+04	10.74	31.90	1024.67	24.41	24.41	83.0	1	0.86	4.74	3.32	9.06	6.34	144.7	52.3
49.42483	-126.084	59	59.515	3.57E+04	10.73	31.90	1024.68	24.41	24.41	82.9	1	0.86	4.73	3.31	9.06	6.34	144.1	52.1
49.42483	-126.084	60	60.525	3.57E+04	10.71	31.91	1024.70	24.42	24.42	82.8	1	0.85	4.71	3.29	9.07	6.34	143.4	51.9
49.42483	-126.084	61	61.534	3.57E+04	10.69	31.92	1024.71	24.44	24.44	82.8	1	0.86	4.71	3.30	9.07	6.35	143.7	51.9
49.42483	-126.084	62	62.542	3.57E+04	10.67	31.93	1024.72	24.44	24.44	82.7	1	0.87	4.73	3.31	9.07	6.35	144.2	52.1
49.42483	-126.084	63	63.551	3.57E+04	10.67	31.93	1024.73	24.44	24.44	82.7	1	0.87	4.74	3.32	9.07	6.35	144.6	52.2
49.42483	-126.084	64	64.559	3.57E+04	10.66	31.93	1024.74	24.45	24.44	82.7	1	0.87	4.75	3.32	9.07	6.35	144.8	52.3
49.42483	-126.084	65	65.568	3.57E+04	10.65	31.93	1024.75	24.45	24.45	82.7	1	0.86	4.75	3.32	9.08	6.35	144.8	52.3
49.42483	-126.084	66	66.576	3.57E+04	10.65	31.94	1024.75	24.45	24.45	82.6	1	0.85	4.74	3.31	9.08	6.35	144.4	52.2
49.42483	-126.084	67	67.583	3.57E+04	10.65	31.94	1024.76	24.45	24.45	82.5	1	0.86	4.73	3.31	9.08	6.35	144.4	52.2
49.42483	-126.084	68	68.595	3.57E+04	10.65	31.94	1024.76	24.45	24.45	82.5	1	0.85	4.73	3.31	9.08	6.35	144.4	52.1
49.42483	-126.084	69	69.606	3.57E+04	10.65	31.94	1024.77	24.45	24.45	82.5	1	0.88	4.72	3.31	9.08	6.35	144.0	52.0
49.42483	-126.084	70	70.615	3.57E+04	10.64	31.94	1024.78	24.46	24.46	82.6	1	0.84	4.72	3.30	9.08	6.35	143.9	52.0
49.42483	-126.084	71	71.622	3.57E+04	10.63	31.94	1024.78	24.46	24.46	82.5	1	0.85	4.71	3.30	9.08	6.35	143.8	51.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42483	-126.084	72	72.633	3.57E+04	10.63	31.94	1024.79	24.46	24.46	82.7	1	0.85	4.71	3.29	9.08	6.35	143.5	51.8
49.42483	-126.084	73	73.64	3.57E+04	10.63	31.95	1024.80	24.46	24.46	82.6	1	0.85	4.70	3.29	9.08	6.35	143.3	51.7
49.42483	-126.084	74	74.651	3.57E+04	10.62	31.95	1024.80	24.47	24.46	82.6	1	0.83	4.68	3.28	9.08	6.35	142.7	51.5
49.42483	-126.084	75	75.659	3.57E+04	10.61	31.95	1024.81	24.47	24.47	82.5	1	0.86	4.63	3.24	9.08	6.36	141.1	50.9
49.42483	-126.084	76	76.667	3.57E+04	10.61	31.95	1024.82	24.47	24.47	82.5	1	0.85	4.59	3.21	9.08	6.36	140.1	50.6
49.42483	-126.084	77	77.676	3.57E+04	10.61	31.95	1024.82	24.47	24.47	82.5	1	0.84	4.58	3.20	9.08	6.36	139.7	50.4
49.42483	-126.084	78	78.685	3.57E+04	10.61	31.96	1024.83	24.48	24.47	82.5	1	0.85	4.58	3.20	9.08	6.36	139.6	50.4
49.42483	-126.084	79	79.696	3.57E+04	10.61	31.96	1024.84	24.48	24.48	82.3	1	0.84	4.59	3.21	9.08	6.36	140.0	50.5
49.42483	-126.084	80	80.701	3.57E+04	10.61	31.96	1024.84	24.48	24.48	82.3	1	0.84	4.61	3.22	9.08	6.36	140.6	50.7
49.42483	-126.084	81	81.72	3.57E+04	10.63	31.97	1024.85	24.48	24.48	82.3	1	0.85	4.63	3.24	9.08	6.35	141.2	51.0
49.42483	-126.084	82	82.715	3.57E+04	10.63	31.97	1024.86	24.48	24.48	82.1	1	0.85	4.64	3.25	9.08	6.35	141.5	51.1
49.42483	-126.084	83	83.728	3.57E+04	10.63	31.97	1024.86	24.49	24.48	82.1	1	0.86	4.67	3.26	9.08	6.35	142.3	51.4
49.42483	-126.084	84	84.735	3.57E+04	10.63	31.98	1024.87	24.49	24.49	82.0	1	0.86	4.68	3.28	9.08	6.35	142.8	51.6
49.42483	-126.084	85	85.743	3.57E+04	10.63	31.98	1024.87	24.49	24.49	82.0	1	0.89	4.69	3.28	9.08	6.35	143.0	51.7
49.42483	-126.084	86	86.757	3.57E+04	10.63	31.98	1024.88	24.49	24.49	82.0	1	0.87	4.68	3.28	9.08	6.35	142.8	51.6
49.42483	-126.084	87	87.764	3.57E+04	10.62	31.98	1024.89	24.49	24.49	82.0	1	0.88	4.68	3.27	9.08	6.35	142.6	51.5
49.42483	-126.084	88	88.772	3.57E+04	10.62	31.98	1024.89	24.49	24.49	82.0	1	0.87	4.67	3.27	9.08	6.35	142.5	51.5
49.42483	-126.084	89	89.784	3.57E+04	10.62	31.98	1024.90	24.49	24.49	82.1	1	0.87	4.67	3.27	9.08	6.35	142.5	51.4
49.42483	-126.084	90	90.797	3.57E+04	10.62	31.98	1024.90	24.49	24.49	82.0	1	0.86	4.67	3.27	9.08	6.35	142.5	51.5
49.42483	-126.084	91	91.803	3.57E+04	10.62	31.98	1024.91	24.49	24.49	82.0	1	0.87	4.68	3.27	9.08	6.35	142.7	51.5
49.42483	-126.084	92	92.806	3.57E+04	10.62	31.98	1024.91	24.49	24.49	82.0	1	0.87	4.70	3.29	9.08	6.35	143.4	51.8
49.42483	-126.084	93	93.817	3.57E+04	10.62	31.98	1024.92	24.50	24.49	81.9	1	0.87	4.70	3.29	9.08	6.35	143.2	51.7
49.42483	-126.084	94	94.833	3.57E+04	10.62	31.99	1024.92	24.50	24.49	81.8	1	0.87	4.67	3.27	9.08	6.35	142.4	51.4
49.42483	-126.084	95	95.833	3.57E+04	10.62	31.99	1024.93	24.50	24.50	81.4	1	0.87	4.66	3.26	9.08	6.35	142.0	51.3
49.42483	-126.084	96	96.838	3.57E+04	10.62	31.99	1024.93	24.50	24.50	81.2	1	0.88	4.65	3.26	9.08	6.35	141.9	51.2
49.42483	-126.084	97	97.856	3.57E+04	10.61	31.99	1024.94	24.50	24.50	81.2	1	0.88	4.66	3.26	9.08	6.35	142.0	51.3
49.42483	-126.084	98	98.866	3.57E+04	10.61	31.99	1024.95	24.50	24.50	81.2	1	0.87	4.66	3.26	9.08	6.35	142.0	51.3
49.42483	-126.084	99	99.875	3.57E+04	10.61	31.99	1024.95	24.50	24.50	81.3	1	0.87	4.65	3.26	9.08	6.35	141.9	51.2
49.42483	-126.084	100	100.886	3.57E+04	10.60	31.99	1024.96	24.50	24.50	81.3	1	0.86	4.66	3.26	9.08	6.36	142.1	51.3
49.42483	-126.084	101	101.894	3.57E+04	10.60	31.99	1024.96	24.51	24.50	81.3	1	0.87	4.66	3.26	9.08	6.36	142.2	51.3
49.42483	-126.084	102	102.897	3.57E+04	10.60	31.99	1024.97	24.51	24.50	81.3	1	0.87	4.65	3.26	9.08	6.36	141.9	51.2
49.42483	-126.084	103	103.91	3.57E+04	10.59	31.99	1024.98	24.51	24.51	81.3	1	0.87	4.63	3.24	9.08	6.36	141.3	51.0
49.42483	-126.084	104	104.92	3.57E+04	10.59	31.99	1024.98	24.51	24.51	81.3	1	0.88	4.61	3.22	9.09	6.36	140.5	50.7
49.42483	-126.084	105	105.928	3.57E+04	10.58	32.00	1024.99	24.51	24.51	81.4	1	0.90	4.60	3.22	9.09	6.36	140.2	50.6
49.42483	-126.084	106	106.94	3.57E+04	10.58	32.00	1024.99	24.51	24.51	81.3	1	0.88	4.59	3.22	9.09	6.36	140.1	50.6
49.42483	-126.084	107	107.948	3.57E+04	10.58	32.00	1025.00	24.51	24.51	81.3	1	0.88	4.59	3.21	9.09	6.36	140.0	50.5

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42483	-126.084	108	108.955	3.57E+04	10.58	32.00	1025.01	24.51	24.51	81.4	1	0.86	4.59	3.21	9.09	6.36	140.0	50.5
49.42483	-126.084	109	109.964	3.57E+04	10.58	32.00	1025.01	24.51	24.51	81.3	1	0.88	4.59	3.21	9.09	6.36	140.1	50.5
49.42483	-126.084	110	110.977	3.57E+04	10.58	32.00	1025.02	24.52	24.51	81.2	1	0.87	4.60	3.22	9.09	6.36	140.2	50.6
49.42483	-126.084	111	111.983	3.57E+04	10.57	32.00	1025.02	24.52	24.51	81.1	1	0.87	4.60	3.22	9.09	6.36	140.2	50.6
49.42483	-126.084	112	112.987	3.57E+04	10.57	32.00	1025.03	24.52	24.52	81.0	1	0.86	4.60	3.22	9.09	6.36	140.2	50.6
49.42483	-126.084	113	114.007	3.57E+04	10.57	32.00	1025.03	24.52	24.52	81.2	1	0.89	4.60	3.22	9.09	6.36	140.2	50.6
49.42483	-126.084	114	115.009	3.57E+04	10.57	32.00	1025.04	24.52	24.52	81.0	1	0.89	4.60	3.22	9.09	6.36	140.2	50.6
49.42483	-126.084	115	116.022	3.57E+04	10.57	32.00	1025.04	24.52	24.52	80.9	1	0.87	4.59	3.21	9.09	6.36	139.9	50.5
49.42483	-126.084	116	117.03	3.57E+04	10.57	32.01	1025.05	24.52	24.52	80.9	1	0.89	4.59	3.21	9.09	6.36	139.8	50.4
49.42483	-126.084	117	118.04	3.57E+04	10.56	32.01	1025.06	24.52	24.52	80.8	1	0.87	4.58	3.20	9.09	6.36	139.7	50.4
49.42483	-126.084	118	119.048	3.57E+04	10.56	32.01	1025.06	24.52	24.52	80.8	1	0.89	4.55	3.18	9.09	6.36	138.7	50.0
49.42483	-126.084	119	120.059	3.57E+04	10.55	32.01	1025.07	24.53	24.53	80.7	1	0.89	4.50	3.15	9.09	6.36	137.3	49.5
49.42483	-126.084	120	121.064	3.57E+04	10.55	32.01	1025.07	24.53	24.53	80.7	1	0.88	4.44	3.11	9.09	6.36	135.4	48.8
49.42483	-126.084	121	122.078	3.57E+04	10.54	32.01	1025.08	24.53	24.53	80.4	1	0.91	4.38	3.07	9.09	6.36	133.6	48.2
49.42483	-126.084	122	123.085	3.57E+04	10.54	32.01	1025.09	24.53	24.53	80.1	1	0.90	4.34	3.04	9.09	6.36	132.4	47.7
49.42483	-126.084	123	124.095	3.57E+04	10.54	32.01	1025.09	24.53	24.53	79.8	1	0.89	4.31	3.01	9.09	6.36	131.4	47.4
49.42483	-126.084	124	125.103	3.57E+04	10.54	32.01	1025.10	24.53	24.53	79.6	1	0.87	4.28	2.99	9.09	6.36	130.4	47.0
49.42483	-126.084	125	126.111	3.57E+04	10.53	32.01	1025.10	24.53	24.53	79.4	1	0.90	4.24	2.96	9.09	6.36	129.2	46.6
49.42483	-126.084	126	127.124	3.57E+04	10.53	32.01	1025.11	24.53	24.53	79.1	1	0.94	4.18	2.93	9.10	6.36	127.6	46.0
49.42483	-126.084	127	128.131	3.57E+04	10.53	32.01	1025.11	24.54	24.53	78.5	1	0.93	4.16	2.91	9.10	6.36	126.7	45.7
49.42483	-126.084	128	129.143	3.57E+04	10.53	32.02	1025.12	24.54	24.53	78.1	1	0.92	4.14	2.90	9.10	6.36	126.3	45.5
49.42483	-126.084	129	130.148	3.57E+04	10.52	32.02	1025.12	24.54	24.53	77.9	1	0.93	4.14	2.89	9.10	6.37	126.1	45.5
49.42483	-126.084	130	131.159	3.57E+04	10.52	32.02	1025.13	24.54	24.54	77.8	1	0.92	4.15	2.91	9.10	6.37	126.6	45.6
49.42483	-126.084	131	132.165	3.57E+04	10.52	32.02	1025.14	24.54	24.54	77.9	1	0.92	4.15	2.91	9.10	6.37	126.6	45.6
49.42483	-126.084	132	133.176	3.57E+04	10.52	32.02	1025.14	24.54	24.54	77.9	1	0.93	4.15	2.91	9.10	6.37	126.7	45.7
49.42483	-126.084	133	134.184	3.57E+04	10.52	32.02	1025.15	24.54	24.54	77.8	1	0.94	4.16	2.91	9.10	6.37	127.0	45.8
49.42483	-126.084	134	135.193	3.57E+04	10.52	32.02	1025.15	24.54	24.54	77.5	1	0.93	4.18	2.93	9.10	6.37	127.6	46.0
49.42483	-126.084	135	136.204	3.57E+04	10.52	32.02	1025.16	24.54	24.54	77.1	1	0.96	4.20	2.94	9.10	6.37	128.2	46.2
49.42483	-126.084	136	137.214	3.57E+04	10.52	32.02	1025.16	24.54	24.54	76.8	1	0.94	4.21	2.95	9.10	6.37	128.5	46.3
49.42483	-126.084	137	138.221	3.57E+04	10.52	32.02	1025.17	24.54	24.54	76.3	1	0.96	4.24	2.97	9.10	6.37	129.3	46.6
49.42483	-126.084	138	139.235	3.57E+04	10.52	32.02	1025.17	24.54	24.54	76.3	1	0.96	4.28	3.00	9.10	6.37	130.6	47.1
49.42483	-126.084	139	140.238	3.57E+04	10.52	32.02	1025.18	24.55	24.54	76.7	1	0.96	4.29	3.00	9.10	6.37	130.9	47.2
49.42483	-126.084	140	141.251	3.57E+04	10.52	32.03	1025.18	24.55	24.54	76.3	1	0.98	4.29	3.00	9.10	6.37	130.8	47.2
49.42483	-126.084	141	142.258	3.57E+04	10.52	32.03	1025.19	24.55	24.54	75.6	1	0.98	4.28	3.00	9.10	6.37	130.7	47.1
49.42483	-126.084	142	143.266	3.57E+04	10.51	32.03	1025.19	24.55	24.54	75.4	1	0.96	4.28	2.99	9.10	6.37	130.4	47.0
49.42483	-126.084	143	144.279	3.57E+04	10.51	32.03	1025.20	24.55	24.55	75.3	1	0.98	4.28	2.99	9.10	6.37	130.5	47.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42483	-126.084	144	145.288	3.57E+04	10.51	32.03	1025.20	24.55	24.55	75.0	1	0.96	4.27	2.99	9.10	6.37	130.3	47.0
49.42483	-126.084	145	146.297	3.57E+04	10.51	32.03	1025.21	24.55	24.55	74.6	1	0.99	4.24	2.96	9.10	6.37	129.2	46.5
49.42483	-126.084	146	147.306	3.57E+04	10.51	32.03	1025.22	24.55	24.55	74.0	1	1.01	4.17	2.92	9.10	6.37	127.2	45.8
49.42483	-126.084	147	148.322	3.57E+04	10.51	32.03	1025.22	24.55	24.55	72.3	1	0.99	4.12	2.88	9.10	6.37	125.6	45.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 79 shelter 129mz 10:44h 8/21/05																		
49.42733	-126.054	2	2.237	3.67E+04	13.79	30.35	1022.65	22.64	22.64	65.7	1114	10.15	7.05	4.93	8.57	6.00	214.8	82.0
49.42733	-126.054	3	3.025	3.67E+04	13.70	30.42	1022.72	22.71	22.71	66.1	767	10.09	7.01	4.91	8.59	6.01	213.6	81.4
49.42733	-126.054	4	4.035	3.67E+04	13.61	30.48	1022.80	22.78	22.78	66.5	491	9.56	6.96	4.87	8.60	6.02	211.2	80.4
49.42733	-126.054	5	5.043	3.67E+04	13.49	30.56	1022.88	22.86	22.86	66.9	326	9.51	6.81	4.77	8.62	6.03	206.9	78.6
49.42733	-126.054	6	6.051	3.66E+04	13.22	30.68	1023.04	23.01	23.01	67.2	220	8.44	6.64	4.65	8.66	6.06	202.5	76.6
49.42733	-126.054	7	7.06	3.66E+04	13.15	30.71	1023.07	23.04	23.04	68.9	154	6.79	6.52	4.56	8.67	6.07	199.0	75.1
49.42733	-126.054	8	8.068	3.65E+04	13.10	30.73	1023.10	23.07	23.07	70.5	110	6.37	6.44	4.51	8.68	6.07	196.1	74.0
49.42733	-126.054	9	9.076	3.65E+04	13.00	30.77	1023.16	23.12	23.12	70.3	82	5.84	6.32	4.42	8.69	6.08	192.3	72.4
49.42733	-126.054	10	10.083	3.64E+04	12.80	30.85	1023.27	23.22	23.22	70.9	64	5.03	6.16	4.31	8.73	6.11	187.9	70.5
49.42733	-126.054	11	11.097	3.64E+04	12.71	30.89	1023.32	23.27	23.27	73.6	50	4.76	6.05	4.23	8.74	6.12	184.5	69.1
49.42733	-126.054	12	12.102	3.64E+04	12.65	30.92	1023.36	23.30	23.30	74.4	41	4.62	5.98	4.19	8.75	6.12	182.7	68.4
49.42733	-126.054	13	13.113	3.64E+04	12.64	30.93	1023.37	23.31	23.31	76.1	33	4.67	5.96	4.17	8.75	6.12	181.8	68.0
49.42733	-126.054	14	14.118	3.64E+04	12.63	30.94	1023.38	23.32	23.32	76.4	28	4.60	5.94	4.16	8.75	6.12	181.1	67.8
49.42733	-126.054	15	15.127	3.63E+04	12.57	30.96	1023.42	23.35	23.35	77.1	23	4.45	5.89	4.12	8.76	6.13	179.0	66.9
49.42733	-126.054	16	16.137	3.63E+04	12.28	31.15	1023.62	23.55	23.54	77.9	19	3.10	5.83	4.08	8.81	6.16	177.5	66.0
49.42733	-126.054	17	17.148	3.63E+04	12.18	31.21	1023.69	23.61	23.61	78.1	15	2.44	5.78	4.04	8.82	6.17	175.9	65.3
49.42733	-126.054	18	18.159	3.62E+04	12.09	31.22	1023.72	23.64	23.64	79.0	13	2.25	5.68	3.97	8.84	6.18	172.5	63.9
49.42733	-126.054	19	19.158	3.61E+04	11.91	31.28	1023.81	23.72	23.72	79.5	11	1.84	5.51	3.85	8.87	6.21	167.3	61.8
49.42733	-126.054	20	20.174	3.59E+04	11.70	31.30	1023.86	23.77	23.77	80.6	9	1.75	5.26	3.68	8.91	6.23	160.3	59.0
49.42733	-126.054	21	21.181	3.59E+04	11.64	31.34	1023.91	23.82	23.82	81.0	8	1.61	5.15	3.60	8.92	6.24	156.9	57.7
49.42733	-126.054	22	22.189	3.59E+04	11.59	31.35	1023.93	23.83	23.83	81.8	7	1.55	5.06	3.54	8.93	6.25	153.9	56.5
49.42733	-126.054	23	23.2	3.58E+04	11.47	31.38	1023.98	23.88	23.88	82.3	6	1.49	4.91	3.44	8.95	6.26	149.7	54.8
49.42733	-126.054	24	24.206	3.58E+04	11.37	31.43	1024.04	23.93	23.93	82.7	6	1.47	4.80	3.36	8.96	6.27	146.5	53.5
49.42733	-126.054	25	25.216	3.58E+04	11.34	31.45	1024.06	23.95	23.95	83.0	5	1.43	4.74	3.32	8.97	6.28	144.6	52.8
49.42733	-126.054	26	26.226	3.57E+04	11.29	31.47	1024.10	23.98	23.98	83.2	5	1.39	4.67	3.27	8.98	6.28	142.4	52.0
49.42733	-126.054	27	27.23	3.57E+04	11.21	31.48	1024.12	24.00	24.00	83.4	4	1.40	4.57	3.20	8.99	6.29	139.3	50.7
49.42733	-126.054	28	28.244	3.57E+04	11.18	31.49	1024.14	24.01	24.01	83.4	4	1.34	4.49	3.14	9.00	6.30	136.9	49.9
49.42733	-126.054	29	29.253	3.57E+04	11.15	31.51	1024.16	24.03	24.03	83.6	3	1.36	4.45	3.11	9.00	6.30	135.8	49.4
49.42733	-126.054	30	30.262	3.57E+04	11.16	31.52	1024.18	24.04	24.04	83.6	3	1.27	4.47	3.13	9.00	6.30	136.5	49.7
49.42733	-126.054	31	31.259	3.57E+04	11.19	31.55	1024.20	24.06	24.06	83.7	3	1.25	4.52	3.16	8.99	6.29	138.0	50.3
49.42733	-126.054	32	32.276	3.58E+04	11.18	31.57	1024.22	24.07	24.07	83.7	3	1.18	4.51	3.16	8.99	6.29	137.5	50.1
49.42733	-126.054	33	33.285	3.57E+04	11.12	31.56	1024.23	24.08	24.08	83.7	3	1.27	4.43	3.10	9.00	6.30	135.3	49.2
49.42733	-126.054	34	34.29	3.58E+04	11.14	31.60	1024.26	24.11	24.10	83.8	2	1.22	4.46	3.12	9.00	6.30	136.1	49.6
49.42733	-126.054	35	35.301	3.58E+04	11.17	31.61	1024.27	24.11	24.11	83.7	2	1.19	4.53	3.17	8.99	6.29	138.1	50.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42733	-126.054	36	36.305	3.58E+04	11.14	31.62	1024.28	24.12	24.12	83.8	2	1.16	4.48	3.14	9.00	6.30	136.6	49.7
49.42733	-126.054	37	37.312	3.57E+04	11.09	31.64	1024.31	24.14	24.14	83.7	2	1.19	4.38	3.07	9.01	6.30	133.6	48.6
49.42733	-126.054	38	38.327	3.57E+04	11.03	31.66	1024.34	24.17	24.17	83.8	2	1.18	4.32	3.02	9.02	6.31	131.8	47.9
49.42733	-126.054	39	39.33	3.58E+04	11.05	31.71	1024.38	24.20	24.20	83.8	2	1.09	4.38	3.06	9.01	6.30	133.3	48.5
49.42733	-126.054	40	40.345	3.57E+04	10.99	31.72	1024.41	24.23	24.22	83.7	2	1.07	4.30	3.01	9.02	6.31	131.2	47.7
49.42733	-126.054	41	41.355	3.57E+04	10.96	31.74	1024.43	24.25	24.25	83.8	2	0.98	4.27	2.99	9.03	6.32	130.2	47.3
49.42733	-126.054	42	42.362	3.57E+04	10.95	31.75	1024.45	24.26	24.26	83.8	2	0.97	4.28	2.99	9.03	6.32	130.5	47.4
49.42733	-126.054	43	43.366	3.58E+04	10.95	31.76	1024.46	24.26	24.26	83.8	2	0.97	4.30	3.01	9.03	6.32	131.1	47.6
49.42733	-126.054	44	44.384	3.58E+04	10.95	31.77	1024.47	24.27	24.27	83.7	2	0.98	4.32	3.02	9.03	6.32	131.6	47.8
49.42733	-126.054	45	45.391	3.58E+04	10.94	31.77	1024.48	24.27	24.27	83.8	2	0.92	4.32	3.02	9.03	6.32	131.8	47.8
49.42733	-126.054	46	46.397	3.58E+04	10.93	31.78	1024.49	24.28	24.28	83.8	2	0.91	4.34	3.04	9.03	6.32	132.4	48.1
49.42733	-126.054	47	47.414	3.58E+04	10.91	31.79	1024.51	24.29	24.29	83.7	2	0.92	4.39	3.07	9.03	6.32	133.7	48.5
49.42733	-126.054	48	48.414	3.58E+04	10.89	31.81	1024.53	24.32	24.31	83.7	1	0.88	4.46	3.12	9.04	6.32	136.1	49.4
49.42733	-126.054	49	49.427	3.58E+04	10.88	31.83	1024.55	24.33	24.33	83.6	1	0.88	4.55	3.18	9.04	6.32	138.6	50.3
49.42733	-126.054	50	50.436	3.58E+04	10.87	31.83	1024.56	24.33	24.33	83.6	1	0.89	4.61	3.23	9.04	6.33	140.7	51.0
49.42733	-126.054	51	51.446	3.58E+04	10.84	31.85	1024.58	24.35	24.35	83.6	1	0.86	4.67	3.27	9.04	6.33	142.4	51.6
49.42733	-126.054	52	52.451	3.57E+04	10.83	31.85	1024.59	24.36	24.36	83.5	1	0.90	4.70	3.29	9.05	6.33	143.3	51.9
49.42733	-126.054	53	53.462	3.57E+04	10.82	31.86	1024.61	24.37	24.36	83.5	1	0.87	4.72	3.31	9.05	6.33	144.1	52.2
49.42733	-126.054	54	54.472	3.57E+04	10.80	31.87	1024.62	24.37	24.37	83.5	1	0.87	4.74	3.31	9.05	6.33	144.4	52.3
49.42733	-126.054	55	55.479	3.57E+04	10.80	31.87	1024.63	24.38	24.37	83.5	1	0.87	4.74	3.32	9.05	6.33	144.6	52.4
49.42733	-126.054	56	56.49	3.57E+04	10.79	31.88	1024.64	24.38	24.38	83.3	1	0.86	4.75	3.32	9.05	6.33	144.8	52.4
49.42733	-126.054	57	57.499	3.57E+04	10.78	31.88	1024.64	24.38	24.38	83.4	1	0.89	4.75	3.33	9.05	6.33	145.0	52.5
49.42733	-126.054	58	58.507	3.57E+04	10.78	31.88	1024.65	24.38	24.38	83.4	1	0.86	4.76	3.33	9.05	6.33	145.2	52.6
49.42733	-126.054	59	59.512	3.57E+04	10.78	31.88	1024.65	24.39	24.39	83.3	1	0.86	4.77	3.34	9.05	6.34	145.4	52.6
49.42733	-126.054	60	60.526	3.57E+04	10.77	31.89	1024.67	24.39	24.39	83.3	1	0.88	4.77	3.34	9.06	6.34	145.5	52.7
49.42733	-126.054	61	61.531	3.57E+04	10.75	31.89	1024.68	24.40	24.40	83.3	1	0.86	4.77	3.34	9.06	6.34	145.5	52.7
49.42733	-126.054	62	62.541	3.57E+04	10.75	31.89	1024.68	24.40	24.40	83.4	1	0.87	4.76	3.33	9.06	6.34	145.3	52.6
49.42733	-126.054	63	63.55	3.57E+04	10.73	31.90	1024.70	24.41	24.41	83.3	1	0.88	4.72	3.30	9.06	6.34	144.0	52.1
49.42733	-126.054	64	64.564	3.57E+04	10.71	31.91	1024.71	24.42	24.42	83.3	1	0.86	4.70	3.29	9.07	6.34	143.2	51.8
49.42733	-126.054	65	65.568	3.57E+04	10.70	31.92	1024.73	24.43	24.43	83.2	1	0.87	4.68	3.28	9.07	6.34	142.9	51.6
49.42733	-126.054	66	66.58	3.57E+04	10.69	31.92	1024.74	24.43	24.43	83.3	1	0.88	4.70	3.29	9.07	6.35	143.3	51.8
49.42733	-126.054	67	67.585	3.57E+04	10.69	31.92	1024.74	24.44	24.43	83.2	1	0.86	4.72	3.30	9.07	6.35	144.0	52.0
49.42733	-126.054	68	68.595	3.57E+04	10.68	31.93	1024.75	24.44	24.44	83.1	1	0.87	4.73	3.31	9.07	6.35	144.3	52.1
49.42733	-126.054	69	69.604	3.57E+04	10.66	31.93	1024.76	24.45	24.44	83.1	1	0.87	4.73	3.31	9.07	6.35	144.2	52.1
49.42733	-126.054	70	70.607	3.57E+04	10.66	31.93	1024.77	24.45	24.45	83.0	1	0.87	4.72	3.30	9.07	6.35	143.9	52.0
49.42733	-126.054	71	71.631	3.57E+04	10.65	31.94	1024.78	24.45	24.45	83.0	1	0.85	4.70	3.29	9.08	6.35	143.4	51.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42733	-126.054	72	72.63	3.57E+04	10.64	31.94	1024.79	24.46	24.46	83.0	1	0.87	4.67	3.27	9.08	6.35	142.6	51.5
49.42733	-126.054	73	73.643	3.57E+04	10.64	31.94	1024.79	24.46	24.46	83.0	1	0.86	4.65	3.26	9.08	6.35	141.9	51.2
49.42733	-126.054	74	74.647	3.57E+04	10.64	31.94	1024.80	24.46	24.46	83.0	1	0.87	4.63	3.24	9.08	6.35	141.1	51.0
49.42733	-126.054	75	75.659	3.57E+04	10.63	31.95	1024.80	24.46	24.46	83.0	1	0.85	4.60	3.22	9.08	6.35	140.3	50.6
49.42733	-126.054	76	76.665	3.57E+04	10.63	31.95	1024.81	24.46	24.46	83.1	1	0.88	4.58	3.20	9.08	6.35	139.6	50.4
49.42733	-126.054	77	77.676	3.57E+04	10.63	31.95	1024.82	24.46	24.46	83.1	1	0.88	4.58	3.20	9.08	6.35	139.6	50.4
49.42733	-126.054	78	78.681	3.57E+04	10.63	31.95	1024.82	24.46	24.46	83.0	1	0.88	4.60	3.22	9.08	6.35	140.2	50.6
49.42733	-126.054	79	79.694	3.57E+04	10.63	31.95	1024.82	24.47	24.46	82.9	1	0.85	4.61	3.22	9.08	6.35	140.5	50.7
49.42733	-126.054	80	80.703	3.57E+04	10.62	31.95	1024.83	24.47	24.46	82.9	1	0.88	4.59	3.22	9.08	6.35	140.1	50.6
49.42733	-126.054	81	81.713	3.57E+04	10.62	31.95	1024.84	24.47	24.47	82.9	1	0.87	4.58	3.20	9.08	6.35	139.6	50.4
49.42733	-126.054	82	82.726	3.57E+04	10.62	31.95	1024.84	24.47	24.47	82.9	1	0.84	4.58	3.20	9.08	6.35	139.6	50.4
49.42733	-126.054	83	83.73	3.57E+04	10.61	31.96	1024.85	24.48	24.48	82.0	1	0.85	4.58	3.20	9.08	6.36	139.6	50.4
49.42733	-126.054	84	84.745	3.57E+04	10.61	31.96	1024.86	24.48	24.48	82.9	1	0.84	4.56	3.19	9.08	6.36	139.1	50.2
49.42733	-126.054	85	85.743	3.57E+04	10.62	31.97	1024.87	24.48	24.48	82.8	1	0.85	4.55	3.18	9.08	6.35	138.8	50.1
49.42733	-126.054	86	86.75	3.57E+04	10.62	31.97	1024.88	24.49	24.48	82.8	1	0.87	4.55	3.18	9.08	6.35	138.7	50.1
49.42733	-126.054	87	87.772	3.57E+04	10.61	31.97	1024.88	24.49	24.49	82.6	1	0.88	4.54	3.17	9.08	6.35	138.3	49.9
49.42733	-126.054	88	88.777	3.57E+04	10.60	31.97	1024.89	24.49	24.49	82.4	1	0.87	4.52	3.16	9.08	6.36	137.7	49.7
49.42733	-126.054	89	89.778	3.57E+04	10.59	31.97	1024.90	24.49	24.49	82.3	1	0.85	4.48	3.14	9.09	6.36	136.7	49.3
49.42733	-126.054	90	90.787	3.57E+04	10.58	31.97	1024.90	24.49	24.49	82.1	1	0.86	4.45	3.12	9.09	6.36	135.8	49.0
49.42733	-126.054	91	91.802	3.57E+04	10.58	31.97	1024.91	24.50	24.49	81.8	1	0.85	4.43	3.10	9.09	6.36	135.0	48.7
49.42733	-126.054	92	92.809	3.57E+04	10.58	31.98	1024.92	24.50	24.50	81.8	1	0.87	4.42	3.09	9.09	6.36	134.8	48.6
49.42733	-126.054	93	93.82	3.57E+04	10.58	31.98	1024.92	24.50	24.50	81.8	1	0.88	4.40	3.08	9.09	6.36	134.1	48.4
49.42733	-126.054	94	94.829	3.57E+04	10.57	31.98	1024.93	24.50	24.50	81.8	1	0.86	4.38	3.07	9.09	6.36	133.7	48.2
49.42733	-126.054	95	95.835	3.57E+04	10.57	31.98	1024.94	24.50	24.50	81.7	1	0.86	4.37	3.06	9.09	6.36	133.2	48.0
49.42733	-126.054	96	96.85	3.57E+04	10.57	31.99	1024.94	24.51	24.50	81.6	1	0.88	4.36	3.05	9.09	6.36	132.9	47.9
49.42733	-126.054	97	97.86	3.57E+04	10.57	31.99	1024.95	24.51	24.50	81.3	1	0.87	4.35	3.04	9.09	6.36	132.7	47.8
49.42733	-126.054	98	98.86	3.57E+04	10.56	31.99	1024.95	24.51	24.51	81.3	1	0.89	4.34	3.04	9.09	6.36	132.4	47.7
49.42733	-126.054	99	99.873	3.57E+04	10.56	31.99	1024.96	24.51	24.51	81.2	1	0.87	4.32	3.03	9.09	6.36	131.9	47.6
49.42733	-126.054	100	100.886	3.57E+04	10.56	31.99	1024.97	24.51	24.51	81.2	1	0.89	4.31	3.02	9.09	6.36	131.5	47.4
49.42733	-126.054	101	101.89	3.57E+04	10.56	31.99	1024.97	24.51	24.51	81.0	1	0.88	4.30	3.01	9.09	6.36	131.2	47.3
49.42733	-126.054	102	102.902	3.57E+04	10.56	31.99	1024.98	24.51	24.51	81.0	1	0.87	4.31	3.02	9.09	6.36	131.4	47.4
49.42733	-126.054	103	103.912	3.57E+04	10.56	31.99	1024.98	24.51	24.51	80.7	1	0.90	4.31	3.01	9.09	6.36	131.4	47.4
49.42733	-126.054	104	104.919	3.57E+04	10.56	31.99	1024.99	24.51	24.51	80.7	1	0.88	4.30	3.01	9.09	6.36	131.2	47.3
49.42733	-126.054	105	105.93	3.57E+04	10.56	32.00	1024.99	24.51	24.51	80.8	1	0.87	4.33	3.03	9.09	6.36	132.0	47.6
49.42733	-126.054	106	106.94	3.57E+04	10.56	32.00	1025.00	24.52	24.51	80.7	1	0.90	4.36	3.05	9.09	6.36	133.0	48.0
49.42733	-126.054	107	107.95	3.57E+04	10.57	32.00	1025.00	24.52	24.52	80.5	1	0.89	4.41	3.09	9.09	6.36	134.5	48.5

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.42733	-126.054	108	108.954	3.57E+04	10.56	32.00	1025.01	24.52	24.52	80.4	1	0.89	4.39	3.07	9.09	6.36	133.9	48.3
49.42733	-126.054	109	109.969	3.57E+04	10.56	32.00	1025.02	24.52	24.52	80.5	1	0.91	4.34	3.04	9.09	6.36	132.3	47.7
49.42733	-126.054	110	110.972	3.57E+04	10.55	32.00	1025.02	24.52	24.52	80.5	1	0.90	4.29	3.00	9.09	6.36	130.9	47.2
49.42733	-126.054	111	111.985	3.57E+04	10.55	32.00	1025.03	24.52	24.52	80.3	1	0.93	4.26	2.98	9.09	6.36	130.0	46.9
49.42733	-126.054	112	112.987	3.57E+04	10.55	32.00	1025.03	24.52	24.52	80.4	1	0.91	4.20	2.94	9.09	6.36	128.0	46.2
49.42733	-126.054	113	114.001	3.57E+04	10.55	32.00	1025.04	24.52	24.52	80.5	1	0.90	4.17	2.92	9.09	6.36	127.2	45.9
49.42733	-126.054	114	115.014	3.57E+04	10.55	32.00	1025.04	24.52	24.52	80.2	1	0.88	4.20	2.94	9.09	6.36	128.0	46.2
49.42733	-126.054	115	116.017	3.57E+04	10.55	32.00	1025.05	24.52	24.52	80.1	1	0.89	4.24	2.97	9.09	6.36	129.3	46.6
49.42733	-126.054	116	117.029	3.57E+04	10.55	32.00	1025.05	24.52	24.52	80.1	1	0.90	4.26	2.98	9.09	6.36	130.0	46.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 80 head of shelter 95mz 11:07h 8/21/05																		
49.43983	-126.046	2	2.232	3.66E+04	13.45	30.54	1022.86	22.85	22.85	56.4	1065	11.45	7.04	4.93	8.62	6.03	214.2	81.3
49.43983	-126.046	3	3.025	3.66E+04	13.29	30.60	1022.95	22.93	22.93	59.0	715	9.81	6.74	4.71	8.65	6.05	205.3	77.7
49.43983	-126.046	4	4.033	3.65E+04	13.19	30.63	1022.99	22.98	22.98	63.1	423	8.53	6.49	4.54	8.67	6.06	197.8	74.7
49.43983	-126.046	5	5.047	3.65E+04	13.10	30.66	1023.04	23.01	23.01	64.3	273	7.99	6.31	4.41	8.68	6.07	192.4	72.6
49.43983	-126.046	6	6.045	3.64E+04	13.04	30.68	1023.07	23.04	23.04	69.4	188	7.78	6.17	4.32	8.69	6.08	188.5	71.0
49.43983	-126.046	7	7.057	3.64E+04	13.01	30.69	1023.09	23.06	23.06	72.2	136	7.72	6.10	4.27	8.70	6.09	186.1	70.1
49.43983	-126.046	8	8.068	3.64E+04	12.97	30.70	1023.11	23.07	23.07	73.3	102	7.75	6.02	4.21	8.70	6.09	182.7	68.7
49.43983	-126.046	9	9.084	3.62E+04	12.63	30.81	1023.26	23.22	23.22	74.1	78	5.88	5.69	3.98	8.76	6.13	173.5	64.9
49.43983	-126.046	10	10.087	3.62E+04	12.57	30.83	1023.30	23.25	23.25	74.9	60	5.10	5.56	3.89	8.77	6.14	169.6	63.3
49.43983	-126.046	11	11.096	3.62E+04	12.55	30.85	1023.32	23.27	23.27	75.6	47	4.93	5.53	3.87	8.77	6.14	168.6	62.9
49.43983	-126.046	12	12.102	3.62E+04	12.47	30.90	1023.37	23.32	23.32	76.2	38	4.53	5.50	3.85	8.78	6.15	167.4	62.4
49.43983	-126.046	13	13.112	3.61E+04	12.33	30.96	1023.45	23.39	23.39	77.2	31	3.93	5.38	3.77	8.81	6.16	164.0	61.0
49.43983	-126.046	14	14.12	3.60E+04	12.22	30.97	1023.49	23.42	23.42	78.0	25	3.63	5.23	3.66	8.83	6.18	159.3	59.1
49.43983	-126.046	15	15.125	3.60E+04	12.09	31.01	1023.55	23.48	23.48	78.7	21	3.29	5.09	3.56	8.85	6.19	155.3	57.5
49.43983	-126.046	16	16.139	3.60E+04	12.04	31.07	1023.61	23.53	23.53	79.1	18	2.90	5.08	3.55	8.86	6.20	154.7	57.2
49.43983	-126.046	17	17.147	3.59E+04	11.91	31.11	1023.66	23.59	23.59	79.9	15	2.63	4.98	3.49	8.88	6.21	151.8	56.0
49.43983	-126.046	18	18.154	3.59E+04	11.80	31.14	1023.71	23.63	23.63	80.4	13	2.57	4.87	3.41	8.90	6.23	148.6	54.7
49.43983	-126.046	19	19.169	3.59E+04	11.78	31.16	1023.73	23.65	23.65	80.9	11	2.41	4.84	3.39	8.90	6.23	147.6	54.3
49.43983	-126.046	20	20.171	3.58E+04	11.71	31.18	1023.77	23.68	23.67	81.3	10	2.33	4.79	3.35	8.91	6.24	145.9	53.6
49.43983	-126.046	21	21.181	3.58E+04	11.63	31.21	1023.81	23.71	23.71	81.7	8	2.26	4.72	3.30	8.93	6.25	144.0	52.9
49.43983	-126.046	22	22.191	3.58E+04	11.60	31.24	1023.84	23.74	23.74	82.0	7	2.15	4.71	3.30	8.93	6.25	143.7	52.7
49.43983	-126.046	23	23.198	3.58E+04	11.54	31.27	1023.88	23.78	23.78	82.3	6	2.05	4.68	3.27	8.94	6.26	142.6	52.2
49.43983	-126.046	24	24.203	3.57E+04	11.45	31.30	1023.93	23.82	23.82	82.5	6	1.90	4.61	3.23	8.96	6.27	140.7	51.5
49.43983	-126.046	25	25.217	3.57E+04	11.40	31.32	1023.96	23.84	23.84	82.7	5	1.80	4.54	3.18	8.97	6.27	138.7	50.7
49.43983	-126.046	26	26.221	3.58E+04	11.42	31.37	1024.00	23.88	23.88	82.9	5	1.69	4.65	3.26	8.96	6.27	142.2	52.0
49.43983	-126.046	27	27.233	3.59E+04	11.48	31.41	1024.02	23.89	23.89	83.1	4	1.47	4.82	3.37	8.94	6.26	146.9	53.8
49.43983	-126.046	28	28.242	3.58E+04	11.41	31.41	1024.04	23.91	23.91	83.2	4	1.48	4.76	3.33	8.96	6.27	144.8	53.0
49.43983	-126.046	29	29.253	3.57E+04	11.27	31.41	1024.07	23.94	23.94	83.4	3	1.49	4.56	3.19	8.98	6.29	139.0	50.7
49.43983	-126.046	30	30.265	3.56E+04	11.17	31.45	1024.12	23.98	23.98	83.4	3	1.45	4.40	3.08	9.00	6.30	133.7	48.7
49.43983	-126.046	31	31.268	3.55E+04	11.00	31.48	1024.17	24.03	24.03	83.6	3	1.38	4.15	2.90	9.03	6.32	126.5	45.9
49.43983	-126.046	32	32.278	3.55E+04	10.95	31.51	1024.22	24.07	24.07	83.6	3	1.34	4.01	2.80	9.04	6.33	122.2	44.3
49.43983	-126.046	33	33.286	3.55E+04	10.94	31.54	1024.24	24.09	24.09	83.7	3	1.30	3.95	2.76	9.04	6.33	120.6	43.7
49.43983	-126.046	34	34.291	3.56E+04	10.95	31.59	1024.29	24.13	24.13	83.7	2	1.20	3.97	2.78	9.04	6.32	121.2	44.0
49.43983	-126.046	35	35.307	3.56E+04	10.93	31.64	1024.33	24.17	24.17	83.7	2	1.15	3.99	2.79	9.04	6.32	121.6	44.1

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.43983	-126.046	36	36.31	3.56E+04	10.92	31.67	1024.37	24.20	24.20	83.7	2	1.09	4.01	2.81	9.04	6.32	122.4	44.4
49.43983	-126.046	37	37.323	3.57E+04	10.91	31.70	1024.39	24.22	24.22	83.6	2	1.06	4.03	2.82	9.04	6.32	123.0	44.6
49.43983	-126.046	38	38.327	3.57E+04	10.91	31.73	1024.42	24.24	24.24	83.7	2	1.03	4.09	2.86	9.04	6.32	124.7	45.2
49.43983	-126.046	39	39.347	3.57E+04	10.90	31.76	1024.45	24.27	24.27	83.7	2	0.96	4.16	2.91	9.04	6.32	127.0	46.1
49.43983	-126.046	40	40.346	3.57E+04	10.89	31.79	1024.48	24.30	24.29	83.7	2	0.96	4.24	2.97	9.04	6.32	129.4	46.9
49.43983	-126.046	41	41.355	3.57E+04	10.88	31.79	1024.49	24.30	24.30	83.6	2	0.92	4.30	3.01	9.04	6.32	131.0	47.5
49.43983	-126.046	42	42.375	3.57E+04	10.85	31.83	1024.52	24.33	24.33	83.5	2	0.92	4.42	3.09	9.04	6.33	134.8	48.9
49.43983	-126.046	43	43.372	3.57E+04	10.84	31.84	1024.54	24.34	24.34	83.5	2	0.90	4.51	3.15	9.04	6.33	137.4	49.8
49.43983	-126.046	44	44.384	3.57E+04	10.84	31.84	1024.55	24.35	24.34	83.4	2	0.90	4.54	3.18	9.04	6.33	138.6	50.2
49.43983	-126.046	45	45.392	3.57E+04	10.81	31.86	1024.57	24.36	24.36	83.2	2	0.90	4.59	3.21	9.05	6.33	140.1	50.7
49.43983	-126.046	46	46.402	3.57E+04	10.81	31.86	1024.58	24.37	24.37	83.1	2	0.88	4.63	3.24	9.05	6.33	141.0	51.1
49.43983	-126.046	47	47.407	3.57E+04	10.79	31.87	1024.59	24.38	24.37	83.1	2	0.89	4.63	3.24	9.05	6.33	141.3	51.2
49.43983	-126.046	48	48.419	3.57E+04	10.77	31.88	1024.61	24.39	24.39	83.0	1	0.89	4.65	3.25	9.05	6.34	141.8	51.3
49.43983	-126.046	49	49.431	3.57E+04	10.75	31.89	1024.62	24.40	24.40	83.0	1	0.88	4.68	3.27	9.06	6.34	142.6	51.6
49.43983	-126.046	50	50.437	3.57E+04	10.74	31.90	1024.64	24.41	24.41	82.9	1	0.87	4.69	3.28	9.06	6.34	143.0	51.7
49.43983	-126.046	51	51.447	3.57E+04	10.72	31.90	1024.65	24.41	24.41	82.9	1	0.83	4.69	3.29	9.06	6.34	143.2	51.8
49.43983	-126.046	52	52.454	3.57E+04	10.72	31.91	1024.65	24.42	24.42	82.8	1	0.88	4.70	3.29	9.06	6.34	143.3	51.8
49.43983	-126.046	53	53.462	3.57E+04	10.71	31.91	1024.66	24.42	24.42	82.9	1	0.87	4.70	3.29	9.07	6.34	143.2	51.8
49.43983	-126.046	54	54.473	3.57E+04	10.70	31.92	1024.67	24.43	24.43	82.8	1	0.87	4.69	3.28	9.07	6.34	142.9	51.7
49.43983	-126.046	55	55.479	3.57E+04	10.69	31.92	1024.68	24.43	24.43	82.9	1	0.86	4.69	3.28	9.07	6.35	142.9	51.7
49.43983	-126.046	56	56.484	3.57E+04	10.69	31.92	1024.69	24.43	24.43	82.9	1	0.86	4.69	3.28	9.07	6.35	143.0	51.7
49.43983	-126.046	57	57.495	3.57E+04	10.68	31.92	1024.70	24.44	24.43	82.9	1	0.87	4.68	3.28	9.07	6.35	142.8	51.6
49.43983	-126.046	58	58.506	3.57E+04	10.67	31.93	1024.70	24.44	24.44	82.9	1	0.87	4.66	3.26	9.07	6.35	142.0	51.3
49.43983	-126.046	59	59.513	3.57E+04	10.67	31.93	1024.71	24.44	24.44	82.8	1	0.85	4.63	3.24	9.07	6.35	141.2	51.0
49.43983	-126.046	60	60.525	3.57E+04	10.66	31.93	1024.72	24.45	24.45	82.9	1	0.87	4.61	3.23	9.07	6.35	140.7	50.8
49.43983	-126.046	61	61.532	3.57E+04	10.65	31.94	1024.73	24.45	24.45	82.9	1	0.86	4.59	3.22	9.08	6.35	140.1	50.6
49.43983	-126.046	62	62.544	3.57E+04	10.65	31.94	1024.73	24.45	24.45	82.9	1	0.88	4.59	3.21	9.08	6.35	139.9	50.5
49.43983	-126.046	63	63.552	3.57E+04	10.65	31.94	1024.74	24.45	24.45	82.8	1	0.88	4.58	3.21	9.08	6.35	139.7	50.5
49.43983	-126.046	64	64.56	3.57E+04	10.64	31.94	1024.75	24.46	24.46	82.8	1	0.87	4.57	3.19	9.08	6.35	139.2	50.3
49.43983	-126.046	65	65.57	3.57E+04	10.63	31.95	1024.76	24.46	24.46	82.6	1	0.87	4.54	3.18	9.08	6.35	138.4	50.0
49.43983	-126.046	66	66.572	3.57E+04	10.62	31.95	1024.77	24.47	24.47	82.6	1	0.85	4.52	3.16	9.08	6.35	137.8	49.7
49.43983	-126.046	67	67.587	3.57E+04	10.62	31.95	1024.77	24.47	24.47	82.7	1	0.85	4.51	3.15	9.08	6.35	137.5	49.6
49.43983	-126.046	68	68.599	3.57E+04	10.62	31.95	1024.78	24.47	24.47	82.6	1	0.86	4.50	3.15	9.08	6.35	137.3	49.6
49.43983	-126.046	69	69.604	3.57E+04	10.62	31.95	1024.78	24.47	24.47	82.4	1	0.86	4.49	3.14	9.08	6.36	137.0	49.5
49.43983	-126.046	70	70.613	3.57E+04	10.61	31.95	1024.79	24.47	24.47	82.4	1	0.87	4.47	3.13	9.08	6.36	136.3	49.2
49.43983	-126.046	71	71.624	3.57E+04	10.60	31.96	1024.80	24.48	24.48	82.3	1	0.87	4.46	3.12	9.08	6.36	135.9	49.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.43983	-126.046	72	72.632	3.57E+04	10.60	31.96	1024.81	24.48	24.48	82.2	1	0.88	4.45	3.11	9.08	6.36	135.7	49.0
49.43983	-126.046	73	73.642	3.57E+04	10.60	31.96	1024.81	24.48	24.48	82.2	1	0.86	4.45	3.11	9.08	6.36	135.6	48.9
49.43983	-126.046	74	74.647	3.57E+04	10.60	31.96	1024.82	24.48	24.48	82.0	1	0.87	4.43	3.10	9.09	6.36	135.1	48.8
49.43983	-126.046	75	75.658	3.57E+04	10.59	31.96	1024.83	24.48	24.48	82.0	1	0.89	4.42	3.09	9.09	6.36	134.7	48.6
49.43983	-126.046	76	76.666	3.57E+04	10.59	31.97	1024.83	24.49	24.48	81.7	1	0.88	4.40	3.08	9.09	6.36	134.1	48.4
49.43983	-126.046	77	77.673	3.57E+04	10.59	31.97	1024.84	24.49	24.48	81.7	1	0.88	4.38	3.07	9.09	6.36	133.6	48.2
49.43983	-126.046	78	78.685	3.57E+04	10.59	31.97	1024.84	24.49	24.49	81.4	1	0.86	4.37	3.06	9.09	6.36	133.2	48.1
49.43983	-126.046	79	79.691	3.57E+04	10.59	31.97	1024.85	24.49	24.49	81.5	1	0.87	4.36	3.05	9.09	6.36	132.8	47.9
49.43983	-126.046	80	80.702	3.57E+04	10.59	31.97	1024.85	24.49	24.49	81.5	1	0.89	4.35	3.04	9.09	6.36	132.6	47.8
49.43983	-126.046	81	81.711	3.57E+04	10.59	31.97	1024.86	24.49	24.49	81.4	1	0.87	4.35	3.04	9.09	6.36	132.6	47.8
49.43983	-126.046	82	82.711	3.57E+04	10.59	31.97	1024.86	24.49	24.49	81.2	1	0.88	4.34	3.04	9.09	6.36	132.3	47.7
49.43983	-126.046	83	83.727	3.57E+04	10.59	31.97	1024.87	24.49	24.49	81.1	1	0.88	4.33	3.03	9.09	6.36	132.2	47.7
49.43983	-126.046	84	84.74	3.57E+04	10.58	31.97	1024.87	24.49	24.49	81.1	1	0.89	4.32	3.02	9.09	6.36	131.7	47.5
49.43983	-126.046	85	85.747	3.57E+04	10.58	31.97	1024.88	24.49	24.49	80.9	1	0.89	4.29	3.01	9.09	6.36	131.0	47.2
49.43983	-126.046	86	86.755	3.57E+04	10.58	31.97	1024.89	24.50	24.49	80.7	1	0.87	4.27	2.99	9.09	6.36	130.4	47.0
49.43983	-126.046	87	87.764	3.57E+04	10.58	31.98	1024.89	24.50	24.49	80.6	1	0.86	4.28	2.99	9.09	6.36	130.5	47.1
49.43983	-126.046	88	88.777	3.57E+04	10.58	31.98	1024.90	24.50	24.50	80.6	1	0.87	4.28	2.99	9.09	6.36	130.5	47.1
49.43983	-126.046	89	89.791	3.57E+04	10.57	31.98	1024.90	24.50	24.50	80.4	1	0.88	4.25	2.98	9.09	6.36	129.7	46.8
49.43983	-126.046	90	90.794	3.57E+04	10.57	31.98	1024.91	24.50	24.50	80.3	1	0.93	4.19	2.93	9.09	6.36	127.8	46.1

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 81 millar passage 158mz 12:58h 8/21/05																		
49.38067	-126.086	2	2.244	3.72E+04	15.14	29.72	1021.88	21.87	21.87	69.8	1855	7.41	8.21	5.74	8.37	5.86	250.4	97.8
49.38067	-126.086	3	3.026	3.71E+04	15.03	29.76	1021.94	21.93	21.93	69.7	1372	8.51	8.24	5.76	8.39	5.87	251.3	98.0
49.38067	-126.086	4	4.034	3.71E+04	14.98	29.79	1021.98	21.96	21.96	69.4	937	12.30	8.17	5.71	8.40	5.87	247.5	96.4
49.38067	-126.086	5	5.044	3.71E+04	14.66	29.98	1022.20	22.18	22.18	68.7	637	8.86	7.79	5.45	8.44	5.91	235.5	91.3
49.38067	-126.086	6	6.052	3.69E+04	14.09	30.25	1022.53	22.50	22.50	68.8	428	6.74	7.33	5.13	8.53	5.97	223.1	85.6
49.38067	-126.086	7	7.061	3.68E+04	13.90	30.34	1022.64	22.61	22.61	72.6	285	6.12	7.12	4.98	8.56	5.99	217.0	83.0
49.38067	-126.086	8	8.072	3.68E+04	13.79	30.39	1022.70	22.67	22.67	74.4	202	6.07	7.04	4.93	8.57	6.00	214.7	82.0
49.38067	-126.086	9	9.075	3.67E+04	13.71	30.42	1022.75	22.71	22.71	74.5	150	5.94	6.97	4.88	8.58	6.01	212.3	81.0
49.38067	-126.086	10	10.085	3.67E+04	13.59	30.47	1022.81	22.77	22.77	74.6	114	5.52	6.84	4.79	8.60	6.02	208.6	79.4
49.38067	-126.086	11	11.095	3.66E+04	13.49	30.51	1022.87	22.82	22.82	75.1	87	5.19	6.73	4.71	8.62	6.03	205.5	78.0
49.38067	-126.086	12	12.102	3.66E+04	13.46	30.52	1022.89	22.83	22.83	75.8	68	5.07	6.67	4.67	8.62	6.03	203.5	77.2
49.38067	-126.086	13	13.112	3.66E+04	13.42	30.54	1022.91	22.86	22.86	76.0	53	4.94	6.62	4.63	8.63	6.04	201.8	76.5
49.38067	-126.086	14	14.122	3.66E+04	13.36	30.56	1022.95	22.89	22.89	76.0	42	4.85	6.55	4.58	8.64	6.05	199.8	75.7
49.38067	-126.086	15	15.13	3.66E+04	13.26	30.61	1023.02	22.95	22.95	76.3	33	4.71	6.49	4.54	8.65	6.06	198.4	75.0
49.38067	-126.086	16	16.139	3.66E+04	13.26	30.62	1023.02	22.95	22.95	76.4	27	4.72	6.47	4.53	8.65	6.06	197.6	74.7
49.38067	-126.086	17	17.145	3.66E+04	13.25	30.62	1023.03	22.95	22.95	76.4	21	4.70	6.45	4.51	8.66	6.06	196.9	74.5
49.38067	-126.086	18	18.152	3.65E+04	13.20	30.65	1023.07	22.99	22.99	76.5	17	4.68	6.44	4.50	8.66	6.06	196.6	74.3
49.38067	-126.086	19	19.163	3.66E+04	13.24	30.62	1023.04	22.96	22.96	76.6	14	4.69	6.44	4.50	8.66	6.06	196.2	74.2
49.38067	-126.086	20	20.175	3.65E+04	13.14	30.69	1023.12	23.03	23.03	76.5	11	4.59	6.42	4.49	8.67	6.07	195.8	73.9
49.38067	-126.086	21	21.183	3.65E+04	13.04	30.77	1023.20	23.11	23.11	76.5	9	4.43	6.41	4.48	8.69	6.08	195.5	73.7
49.38067	-126.086	22	22.187	3.65E+04	13.01	30.79	1023.23	23.13	23.13	76.6	8	4.37	6.40	4.48	8.69	6.08	195.2	73.5
49.38067	-126.086	23	23.194	3.65E+04	12.99	30.79	1023.24	23.14	23.14	76.6	7	4.39	6.39	4.47	8.69	6.08	194.7	73.3
49.38067	-126.086	24	24.207	3.65E+04	12.93	30.84	1023.29	23.18	23.18	76.7	6	4.29	6.37	4.46	8.70	6.09	194.3	73.1
49.38067	-126.086	25	25.217	3.65E+04	12.87	30.88	1023.34	23.22	23.22	76.8	5	4.18	6.35	4.45	8.71	6.10	193.9	72.9
49.38067	-126.086	26	26.226	3.65E+04	12.84	30.89	1023.36	23.25	23.25	77.0	4	4.23	6.35	4.44	8.72	6.10	193.2	72.6
49.38067	-126.086	27	27.232	3.65E+04	12.74	30.95	1023.43	23.30	23.30	77.1	4	3.98	6.27	4.39	8.73	6.11	190.6	71.5
49.38067	-126.086	28	28.242	3.64E+04	12.52	31.05	1023.56	23.43	23.43	77.7	3	3.46	6.14	4.29	8.77	6.13	187.2	70.0
49.38067	-126.086	29	29.249	3.64E+04	12.49	31.06	1023.57	23.44	23.44	78.3	3	3.39	6.06	4.24	8.77	6.14	184.9	69.0
49.38067	-126.086	30	30.262	3.64E+04	12.47	31.07	1023.59	23.45	23.45	78.4	3	3.35	6.01	4.21	8.78	6.14	183.4	68.5
49.38067	-126.086	31	31.267	3.63E+04	12.44	31.08	1023.60	23.46	23.46	78.5	2	3.25	5.97	4.18	8.78	6.14	182.3	68.0
49.38067	-126.086	32	32.279	3.63E+04	12.43	31.08	1023.62	23.47	23.47	78.6	2	3.27	5.95	4.16	8.78	6.15	181.5	67.7
49.38067	-126.086	33	33.287	3.63E+04	12.42	31.09	1023.62	23.47	23.47	78.7	2	3.21	5.94	4.15	8.78	6.15	181.2	67.6
49.38067	-126.086	34	34.294	3.63E+04	12.42	31.08	1023.62	23.47	23.47	78.6	2	3.25	5.92	4.14	8.78	6.15	180.7	67.4
49.38067	-126.086	35	35.303	3.63E+04	12.42	31.08	1023.63	23.47	23.47	78.7	2	3.21	5.92	4.14	8.78	6.15	180.4	67.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.38067	-126.086	36	36.31	3.63E+04	12.40	31.09	1023.64	23.48	23.48	78.7	2	3.25	5.88	4.11	8.79	6.15	179.3	66.8
49.38067	-126.086	37	37.32	3.63E+04	12.35	31.10	1023.67	23.50	23.50	78.8	2	3.27	5.84	4.09	8.80	6.16	178.5	66.4
49.38067	-126.086	38	38.328	3.63E+04	12.39	31.09	1023.66	23.48	23.48	78.8	2	3.25	5.84	4.09	8.79	6.15	178.0	66.3
49.38067	-126.086	39	39.338	3.63E+04	12.33	31.10	1023.68	23.50	23.50	78.9	2	3.22	5.77	4.03	8.80	6.16	175.8	65.4
49.38067	-126.086	40	40.347	3.62E+04	12.27	31.11	1023.70	23.52	23.52	79.3	1	3.09	5.70	3.99	8.81	6.16	173.9	64.6
49.38067	-126.086	41	41.358	3.62E+04	12.26	31.11	1023.71	23.52	23.52	79.3	1	3.05	5.65	3.95	8.81	6.17	172.3	64.0
49.38067	-126.086	42	42.365	3.62E+04	12.22	31.12	1023.73	23.54	23.53	79.5	1	2.85	5.60	3.92	8.82	6.17	170.7	63.4
49.38067	-126.086	43	43.378	3.62E+04	12.21	31.12	1023.73	23.54	23.54	79.7	1	2.78	5.55	3.89	8.82	6.17	169.5	62.9
49.38067	-126.086	44	44.381	3.62E+04	12.20	31.12	1023.74	23.54	23.54	79.8	1	2.77	5.54	3.88	8.82	6.17	169.1	62.8
49.38067	-126.086	45	45.393	3.62E+04	12.18	31.14	1023.76	23.56	23.56	79.9	1	2.74	5.54	3.88	8.83	6.18	168.8	62.7
49.38067	-126.086	46	46.4	3.62E+04	12.14	31.17	1023.80	23.60	23.59	79.8	1	2.67	5.52	3.87	8.83	6.18	168.1	62.4
49.38067	-126.086	47	47.402	3.62E+04	12.01	31.25	1023.89	23.68	23.68	79.9	1	2.48	5.48	3.84	8.85	6.19	167.1	61.8
49.38067	-126.086	48	48.418	3.61E+04	11.95	31.29	1023.93	23.72	23.72	80.3	1	2.21	5.44	3.81	8.86	6.20	166.1	61.4
49.38067	-126.086	49	49.424	3.61E+04	11.93	31.29	1023.94	23.72	23.72	80.6	1	2.16	5.42	3.79	8.86	6.20	165.3	61.1
49.38067	-126.086	50	50.437	3.61E+04	11.93	31.29	1023.95	23.72	23.72	80.7	1	2.17	5.41	3.78	8.86	6.20	165.0	61.0
49.38067	-126.086	51	51.442	3.61E+04	11.93	31.29	1023.96	23.72	23.72	80.5	1	2.18	5.39	3.77	8.87	6.20	164.6	60.8
49.38067	-126.086	52	52.456	3.61E+04	11.92	31.29	1023.96	23.73	23.73	80.7	1	2.17	5.39	3.77	8.87	6.20	164.5	60.8
49.38067	-126.086	53	53.46	3.61E+04	11.93	31.29	1023.96	23.72	23.72	80.8	1	2.19	5.39	3.77	8.86	6.20	164.5	60.8
49.38067	-126.086	54	54.471	3.61E+04	11.93	31.29	1023.97	23.72	23.72	80.8	1	2.19	5.39	3.77	8.87	6.20	164.3	60.7
49.38067	-126.086	55	55.48	3.61E+04	11.92	31.29	1023.98	23.73	23.73	80.7	1	2.16	5.38	3.76	8.87	6.20	164.1	60.6
49.38067	-126.086	56	56.489	3.61E+04	11.91	31.30	1023.99	23.73	23.73	80.8	1	2.13	5.37	3.76	8.87	6.21	163.8	60.5
49.38067	-126.086	57	57.497	3.61E+04	11.91	31.30	1023.99	23.74	23.73	80.8	1	2.13	5.37	3.75	8.87	6.21	163.8	60.5
49.38067	-126.086	58	58.509	3.61E+04	11.90	31.30	1024.00	23.74	23.74	80.9	1	2.13	5.37	3.76	8.87	6.21	163.8	60.5
49.38067	-126.086	59	59.514	3.61E+04	11.90	31.30	1024.01	23.74	23.74	80.8	1	2.14	5.37	3.75	8.87	6.21	163.7	60.5
49.38067	-126.086	60	60.524	3.61E+04	11.90	31.30	1024.01	23.74	23.74	80.9	1	2.12	5.36	3.75	8.87	6.21	163.7	60.5
49.38067	-126.086	61	61.534	3.61E+04	11.90	31.31	1024.02	23.74	23.74	80.9	1	2.10	5.37	3.75	8.87	6.21	163.7	60.5
49.38067	-126.086	62	62.541	3.61E+04	11.90	31.31	1024.02	23.74	23.74	80.9	1	2.14	5.37	3.75	8.87	6.21	163.7	60.5
49.38067	-126.086	63	63.551	3.61E+04	11.89	31.31	1024.03	23.75	23.74	80.9	1	2.14	5.35	3.75	8.87	6.21	163.3	60.3
49.38067	-126.086	64	64.558	3.61E+04	11.88	31.31	1024.04	23.75	23.75	80.9	1	2.11	5.35	3.74	8.87	6.21	163.2	60.3
49.38067	-126.086	65	65.567	3.61E+04	11.87	31.32	1024.05	23.76	23.76	80.9	1	2.10	5.35	3.74	8.87	6.21	163.1	60.2
49.38067	-126.086	66	66.579	3.61E+04	11.86	31.32	1024.06	23.76	23.76	80.9	1	2.09	5.34	3.73	8.88	6.21	162.7	60.1
49.38067	-126.086	67	67.588	3.61E+04	11.83	31.34	1024.08	23.78	23.78	81.0	1	2.06	5.32	3.72	8.88	6.21	162.2	59.8
49.38067	-126.086	68	68.597	3.61E+04	11.81	31.35	1024.10	23.79	23.79	81.1	1	2.01	5.31	3.72	8.88	6.22	162.0	59.8
49.38067	-126.086	69	69.606	3.61E+04	11.82	31.34	1024.10	23.79	23.78	81.1	1	1.97	5.30	3.71	8.88	6.22	161.8	59.7
49.38067	-126.086	70	70.611	3.61E+04	11.82	31.34	1024.10	23.78	23.78	81.3	1	1.97	5.30	3.71	8.88	6.21	161.6	59.6
49.38067	-126.086	71	71.622	3.61E+04	11.80	31.35	1024.12	23.80	23.79	81.3	1	1.95	5.28	3.69	8.89	6.22	160.9	59.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.38067	-126.086	72	72.627	3.61E+04	11.75	31.37	1024.14	23.82	23.81	81.2	1	1.92	5.24	3.67	8.89	6.22	159.9	58.9
49.38067	-126.086	73	73.642	3.61E+04	11.73	31.38	1024.16	23.83	23.83	81.3	1	1.79	5.21	3.65	8.90	6.23	159.1	58.6
49.38067	-126.086	74	74.648	3.61E+04	11.72	31.38	1024.17	23.83	23.83	81.4	1	1.72	5.20	3.64	8.90	6.23	158.7	58.4
49.38067	-126.086	75	75.658	3.61E+04	11.71	31.39	1024.18	23.84	23.84	81.6	1	1.75	5.20	3.64	8.90	6.23	158.7	58.4
49.38067	-126.086	76	76.666	3.61E+04	11.71	31.39	1024.19	23.84	23.84	81.6	1	1.72	5.20	3.64	8.90	6.23	158.8	58.4
49.38067	-126.086	77	77.677	3.61E+04	11.70	31.40	1024.20	23.85	23.85	81.6	1	1.76	5.20	3.64	8.90	6.23	158.8	58.4
49.38067	-126.086	78	78.686	3.61E+04	11.69	31.40	1024.21	23.85	23.85	81.6	1	1.75	5.20	3.64	8.90	6.23	158.7	58.4
49.38067	-126.086	79	79.689	3.60E+04	11.68	31.41	1024.22	23.86	23.86	81.6	1	1.72	5.19	3.63	8.90	6.23	158.4	58.3
49.38067	-126.086	80	80.699	3.60E+04	11.68	31.41	1024.22	23.86	23.86	81.6	1	1.69	5.18	3.63	8.90	6.23	158.2	58.2
49.38067	-126.086	81	81.711	3.60E+04	11.68	31.41	1024.23	23.86	23.86	81.6	1	1.70	5.17	3.62	8.91	6.23	157.8	58.1
49.38067	-126.086	82	82.719	3.60E+04	11.67	31.40	1024.23	23.86	23.86	81.7	1	1.68	5.14	3.60	8.91	6.23	156.7	57.7
49.38067	-126.086	83	83.73	3.60E+04	11.61	31.40	1024.24	23.87	23.86	81.7	1	1.54	5.07	3.55	8.92	6.24	154.6	56.8
49.38067	-126.086	84	84.74	3.60E+04	11.59	31.40	1024.26	23.88	23.87	81.7	1	1.35	5.02	3.51	8.92	6.24	153.0	56.2
49.38067	-126.086	85	85.748	3.60E+04	11.58	31.41	1024.26	23.88	23.88	81.7	1	1.33	4.98	3.49	8.92	6.24	152.0	55.8
49.38067	-126.086	86	86.759	3.60E+04	11.58	31.41	1024.27	23.88	23.88	81.8	1	1.37	4.97	3.48	8.93	6.25	151.6	55.7
49.38067	-126.086	87	87.766	3.60E+04	11.57	31.41	1024.28	23.89	23.88	81.9	1	1.33	4.96	3.47	8.93	6.25	151.3	55.5
49.38067	-126.086	88	88.777	3.60E+04	11.56	31.42	1024.29	23.89	23.89	82.0	1	1.33	4.95	3.46	8.93	6.25	151.0	55.4
49.38067	-126.086	89	89.783	3.60E+04	11.56	31.42	1024.29	23.89	23.89	82.0	1	1.30	4.94	3.46	8.93	6.25	150.7	55.3
49.38067	-126.086	90	90.792	3.59E+04	11.54	31.42	1024.30	23.89	23.89	82.0	1	1.30	4.92	3.44	8.93	6.25	150.2	55.1
49.38067	-126.086	91	91.802	3.59E+04	11.54	31.42	1024.31	23.90	23.89	82.0	1	1.27	4.90	3.43	8.93	6.25	149.7	54.9
49.38067	-126.086	92	92.813	3.59E+04	11.54	31.42	1024.31	23.90	23.89	82.1	1	1.28	4.90	3.43	8.93	6.25	149.4	54.8
49.38067	-126.086	93	93.819	3.59E+04	11.54	31.42	1024.32	23.90	23.89	81.9	1	1.27	4.89	3.42	8.93	6.25	149.3	54.8
49.38067	-126.086	94	94.826	3.59E+04	11.54	31.42	1024.32	23.90	23.89	82.0	1	1.27	4.89	3.42	8.93	6.25	149.2	54.7
49.38067	-126.086	95	95.839	3.59E+04	11.53	31.42	1024.33	23.89	23.89	82.0	1	1.25	4.87	3.41	8.93	6.25	148.6	54.5
49.38067	-126.086	96	96.848	3.59E+04	11.51	31.42	1024.34	23.90	23.90	82.0	1	1.20	4.85	3.39	8.94	6.25	148.0	54.2
49.38067	-126.086	97	97.857	3.59E+04	11.51	31.42	1024.34	23.90	23.90	81.9	1	1.21	4.84	3.39	8.94	6.25	147.8	54.2
49.38067	-126.086	98	98.863	3.59E+04	11.52	31.42	1024.35	23.90	23.90	81.8	1	1.20	4.85	3.40	8.94	6.25	148.1	54.3
49.38067	-126.086	99	99.88	3.59E+04	11.52	31.42	1024.35	23.90	23.90	81.5	1	1.22	4.86	3.40	8.94	6.25	148.2	54.4
49.38067	-126.086	100	100.882	3.59E+04	11.52	31.43	1024.36	23.90	23.90	82.0	1	1.22	4.85	3.40	8.94	6.25	148.1	54.3
49.38067	-126.086	101	101.892	3.59E+04	11.52	31.43	1024.36	23.90	23.90	81.9	1	1.22	4.85	3.39	8.94	6.25	148.0	54.2
49.38067	-126.086	102	102.901	3.59E+04	11.51	31.43	1024.37	23.91	23.90	81.8	1	1.20	4.84	3.38	8.94	6.25	147.6	54.1
49.38067	-126.086	103	103.911	3.59E+04	11.51	31.43	1024.37	23.91	23.91	81.9	1	1.22	4.83	3.38	8.94	6.25	147.5	54.1
49.38067	-126.086	104	104.912	3.59E+04	11.51	31.43	1024.38	23.91	23.91	81.6	1	1.22	4.83	3.38	8.94	6.25	147.3	54.0
49.38067	-126.086	105	105.928	3.59E+04	11.50	31.43	1024.39	23.91	23.91	81.8	1	1.24	4.82	3.37	8.94	6.25	147.1	53.9
49.38067	-126.086	106	106.939	3.59E+04	11.51	31.44	1024.39	23.91	23.91	81.6	1	1.24	4.84	3.39	8.94	6.25	147.7	54.1
49.38067	-126.086	107	107.95	3.59E+04	11.52	31.44	1024.40	23.91	23.91	81.7	1	1.27	4.85	3.40	8.94	6.25	148.1	54.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.38067	-126.086	108	108.956	3.59E+04	11.52	31.44	1024.40	23.92	23.91	81.7	1	1.27	4.86	3.40	8.94	6.25	148.4	54.4
49.38067	-126.086	109	109.966	3.59E+04	11.52	31.44	1024.41	23.92	23.91	81.6	1	1.27	4.87	3.41	8.93	6.25	148.6	54.5
49.38067	-126.086	110	110.974	3.60E+04	11.52	31.44	1024.41	23.92	23.91	81.5	1	1.28	4.87	3.41	8.93	6.25	148.5	54.5
49.38067	-126.086	111	111.982	3.60E+04	11.52	31.44	1024.42	23.92	23.91	81.5	1	1.27	4.87	3.41	8.93	6.25	148.6	54.5
49.38067	-126.086	112	112.995	3.59E+04	11.51	31.44	1024.43	23.92	23.92	81.7	1	1.28	4.87	3.41	8.94	6.25	148.6	54.5
49.38067	-126.086	113	114.001	3.59E+04	11.51	31.44	1024.43	23.92	23.92	81.4	1	1.28	4.86	3.40	8.94	6.25	148.4	54.4
49.38067	-126.086	114	115.011	3.59E+04	11.51	31.44	1024.44	23.92	23.92	81.7	1	1.27	4.85	3.40	8.94	6.25	148.1	54.3
49.38067	-126.086	115	116.021	3.59E+04	11.51	31.44	1024.44	23.92	23.92	81.5	1	1.25	4.85	3.40	8.94	6.25	148.0	54.3
49.38067	-126.086	116	117.03	3.59E+04	11.50	31.44	1024.45	23.92	23.92	81.7	1	1.27	4.85	3.39	8.94	6.25	147.9	54.2
49.38067	-126.086	117	118.037	3.59E+04	11.50	31.44	1024.45	23.92	23.92	81.6	1	1.23	4.84	3.39	8.94	6.25	147.6	54.1
49.38067	-126.086	118	119.047	3.59E+04	11.50	31.45	1024.46	23.92	23.92	81.6	1	1.28	4.82	3.37	8.94	6.25	147.0	53.9
49.38067	-126.086	119	120.056	3.59E+04	11.49	31.45	1024.46	23.92	23.92	81.5	1	1.25	4.81	3.37	8.94	6.25	146.8	53.8
49.38067	-126.086	120	121.059	3.59E+04	11.49	31.45	1024.47	23.93	23.92	81.4	1	1.28	4.80	3.36	8.94	6.25	146.6	53.7
49.38067	-126.086	121	122.075	3.59E+04	11.49	31.45	1024.47	23.93	23.92	81.3	1	1.28	4.80	3.36	8.94	6.25	146.5	53.7
49.38067	-126.086	122	123.083	3.59E+04	11.49	31.45	1024.48	23.93	23.92	81.2	1	1.27	4.80	3.36	8.94	6.25	146.4	53.7
49.38067	-126.086	123	124.095	3.59E+04	11.49	31.45	1024.48	23.93	23.92	81.1	1	1.27	4.79	3.35	8.94	6.25	146.3	53.6
49.38067	-126.086	124	125.1	3.59E+04	11.49	31.45	1024.49	23.93	23.92	81.0	1	1.25	4.79	3.35	8.94	6.26	146.2	53.6
49.38067	-126.086	125	126.113	3.59E+04	11.49	31.45	1024.49	23.93	23.92	80.8	1	1.26	4.79	3.35	8.94	6.26	146.0	53.5
49.38067	-126.086	126	127.118	3.59E+04	11.49	31.45	1024.50	23.93	23.92	80.7	1	1.24	4.79	3.35	8.94	6.26	146.0	53.5
49.38067	-126.086	127	128.13	3.59E+04	11.49	31.45	1024.50	23.93	23.92	80.5	1	1.25	4.79	3.35	8.94	6.25	146.1	53.5
49.38067	-126.086	128	129.14	3.59E+04	11.49	31.45	1024.51	23.93	23.92	80.5	1	1.27	4.79	3.35	8.94	6.25	146.0	53.5
49.38067	-126.086	129	130.149	3.59E+04	11.49	31.45	1024.51	23.93	23.93	80.3	1	1.27	4.78	3.35	8.94	6.26	145.9	53.5
49.38067	-126.086	130	131.159	3.59E+04	11.49	31.45	1024.52	23.93	23.93	80.2	1	1.27	4.78	3.34	8.94	6.26	145.7	53.4
49.38067	-126.086	131	132.168	3.59E+04	11.49	31.45	1024.52	23.93	23.93	80.1	1	1.25	4.77	3.34	8.94	6.26	145.6	53.4
49.38067	-126.086	132	133.18	3.59E+04	11.49	31.45	1024.53	23.93	23.93	80.0	1	1.27	4.77	3.34	8.94	6.26	145.5	53.3
49.38067	-126.086	133	134.183	3.59E+04	11.49	31.45	1024.53	23.93	23.93	79.9	1	1.28	4.76	3.33	8.94	6.26	145.3	53.3
49.38067	-126.086	134	135.195	3.59E+04	11.49	31.45	1024.54	23.93	23.93	79.9	1	1.27	4.76	3.33	8.94	6.26	145.3	53.3
49.38067	-126.086	135	136.205	3.59E+04	11.49	31.45	1024.54	23.93	23.93	79.8	1	1.26	4.76	3.33	8.94	6.26	145.4	53.3
49.38067	-126.086	136	137.214	3.59E+04	11.49	31.45	1024.55	23.93	23.93	79.7	1	1.27	4.76	3.33	8.94	6.26	145.3	53.3
49.38067	-126.086	137	138.221	3.59E+04	11.49	31.45	1024.55	23.93	23.93	79.6	1	1.27	4.76	3.33	8.94	6.26	145.3	53.3
49.38067	-126.086	138	139.233	3.59E+04	11.49	31.45	1024.56	23.93	23.93	79.5	1	1.26	4.76	3.33	8.94	6.26	145.2	53.2
49.38067	-126.086	139	140.239	3.59E+04	11.49	31.45	1024.56	23.93	23.93	79.5	1	1.27	4.75	3.33	8.94	6.26	145.0	53.1
49.38067	-126.086	140	141.251	3.60E+04	11.49	31.45	1024.56	23.93	23.93	79.4	1	1.26	4.75	3.32	8.94	6.26	145.0	53.1
49.38067	-126.086	141	142.262	3.60E+04	11.49	31.45	1024.57	23.93	23.93	79.2	1	1.26	4.75	3.32	8.94	6.26	144.8	53.1
49.38067	-126.086	142	143.269	3.60E+04	11.49	31.45	1024.57	23.93	23.93	79.3	1	1.27	4.74	3.32	8.94	6.26	144.7	53.0
49.38067	-126.086	143	144.279	3.60E+04	11.49	31.45	1024.58	23.93	23.93	79.3	1	1.23	4.74	3.32	8.94	6.26	144.6	53.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.38067	-126.086	144	145.289	3.60E+04	11.49	31.45	1024.58	23.93	23.93	79.1	1	1.24	4.74	3.32	8.94	6.26	144.6	53.0
49.38067	-126.086	145	146.298	3.60E+04	11.49	31.45	1024.59	23.93	23.93	79.0	1	1.26	4.74	3.31	8.94	6.26	144.5	53.0
49.38067	-126.086	146	147.304	3.60E+04	11.49	31.45	1024.59	23.93	23.93	78.9	1	1.27	4.74	3.31	8.94	6.26	144.5	53.0
49.38067	-126.086	147	148.317	3.60E+04	11.49	31.45	1024.60	23.93	23.93	78.8	1	1.25	4.74	3.31	8.94	6.26	144.5	53.0
49.38067	-126.086	148	149.325	3.60E+04	11.49	31.45	1024.60	23.93	23.93	78.6	1	1.28	4.73	3.31	8.94	6.26	144.4	52.9
49.38067	-126.086	149	150.335	3.60E+04	11.49	31.45	1024.61	23.93	23.93	78.5	1	1.27	4.72	3.30	8.94	6.26	144.0	52.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 39 millar channel 102 mz 13:08 h 8/21/05																		
49.336	-126.069	2	2.25	3.68E+04	14.94	29.56	1021.81	21.80	21.80	72.8	3808	5.29	7.88	5.51	8.41	5.89	240.6	93.5
49.336	-126.069	3	3.027	3.70E+04	14.80	29.80	1022.02	22.01	22.01	72.8	2964	6.40	8.01	5.60	8.43	5.90	243.9	94.7
49.336	-126.069	4	4.035	3.69E+04	14.52	29.98	1022.23	22.21	22.21	72.2	2064	8.03	8.02	5.62	8.46	5.92	244.6	94.5
49.336	-126.069	5	5.047	3.69E+04	14.37	30.02	1022.29	22.27	22.27	70.0	1506	8.11	7.87	5.51	8.49	5.94	238.4	91.9
49.336	-126.069	6	6.054	3.66E+04	13.82	30.21	1022.55	22.52	22.52	70.3	1103	8.60	7.38	5.16	8.58	6.00	223.2	85.2
49.336	-126.069	7	7.057	3.63E+04	13.29	30.35	1022.77	22.74	22.74	71.2	810	6.97	6.70	4.69	8.66	6.06	204.1	77.1
49.336	-126.069	8	8.064	3.62E+04	13.13	30.39	1022.84	22.80	22.80	74.7	602	5.74	6.34	4.44	8.69	6.08	193.4	72.8
49.336	-126.069	9	9.088	3.62E+04	13.06	30.43	1022.89	22.85	22.85	76.9	453	5.47	6.15	4.31	8.70	6.09	187.8	70.7
49.336	-126.069	10	10.084	3.62E+04	13.01	30.47	1022.93	22.89	22.89	77.5	356	5.12	6.02	4.21	8.71	6.09	183.8	69.1
49.336	-126.069	11	11.093	3.62E+04	12.94	30.53	1022.99	22.94	22.94	78.0	273	4.92	5.90	4.13	8.72	6.10	179.9	67.6
49.336	-126.069	12	12.099	3.62E+04	12.87	30.59	1023.06	23.01	23.01	78.2	211	4.29	5.79	4.05	8.73	6.11	176.5	66.2
49.336	-126.069	13	13.112	3.62E+04	12.77	30.64	1023.12	23.06	23.06	78.9	164	3.77	5.68	3.97	8.74	6.12	173.4	64.9
49.336	-126.069	14	14.12	3.62E+04	12.75	30.72	1023.19	23.13	23.12	79.7	129	3.58	5.66	3.96	8.74	6.12	172.6	64.6
49.336	-126.069	15	15.133	3.62E+04	12.63	30.75	1023.24	23.17	23.17	80.1	105	3.08	5.56	3.89	8.76	6.13	169.8	63.4
49.336	-126.069	16	16.138	3.62E+04	12.62	30.76	1023.25	23.18	23.18	80.4	88	2.97	5.53	3.87	8.76	6.13	169.0	63.1
49.336	-126.069	17	17.144	3.62E+04	12.66	30.80	1023.29	23.21	23.21	80.8	73	3.01	5.59	3.91	8.75	6.13	170.5	63.8
49.336	-126.069	18	18.156	3.62E+04	12.59	30.84	1023.34	23.26	23.25	80.7	61	2.91	5.57	3.90	8.77	6.13	170.0	63.5
49.336	-126.069	19	19.163	3.62E+04	12.52	30.88	1023.38	23.30	23.30	80.6	51	2.74	5.52	3.86	8.78	6.14	168.3	62.8
49.336	-126.069	20	20.171	3.62E+04	12.45	30.89	1023.40	23.31	23.31	80.7	43	2.57	5.44	3.81	8.79	6.15	166.1	61.9
49.336	-126.069	21	21.182	3.61E+04	12.44	30.89	1023.41	23.32	23.32	80.9	35	2.57	5.39	3.77	8.79	6.15	164.2	61.2
49.336	-126.069	22	22.191	3.61E+04	12.31	30.91	1023.46	23.36	23.36	80.9	29	2.45	5.24	3.66	8.81	6.17	159.8	59.4
49.336	-126.069	23	23.199	3.61E+04	12.25	30.97	1023.52	23.42	23.42	81.1	23	2.29	5.20	3.64	8.82	6.17	158.6	58.9
49.336	-126.069	24	24.204	3.61E+04	12.23	30.97	1023.53	23.42	23.42	81.3	19	2.27	5.18	3.62	8.82	6.18	158.0	58.6
49.336	-126.069	25	25.216	3.60E+04	12.21	30.98	1023.54	23.43	23.43	81.4	16	2.20	5.15	3.61	8.83	6.18	157.0	58.2
49.336	-126.069	26	26.223	3.60E+04	12.11	30.98	1023.57	23.45	23.45	81.4	14	2.00	4.99	3.49	8.85	6.19	152.0	56.3
49.336	-126.069	27	27.236	3.58E+04	11.98	30.98	1023.59	23.47	23.47	81.8	12	1.79	4.74	3.31	8.87	6.21	144.6	53.4
49.336	-126.069	28	28.242	3.58E+04	11.97	30.98	1023.60	23.47	23.47	82.0	11	1.73	4.61	3.23	8.87	6.21	139.8	51.6
49.336	-126.069	29	29.248	3.55E+04	11.66	30.93	1023.63	23.49	23.49	82.1	9	1.48	4.11	2.88	8.94	6.25	125.7	46.1
49.336	-126.069	30	30.26	3.56E+04	11.72	30.96	1023.64	23.51	23.51	82.2	8	1.42	3.99	2.80	8.92	6.24	121.8	44.7
49.336	-126.069	31	31.266	3.55E+04	11.64	30.95	1023.65	23.51	23.51	82.3	7	1.42	3.89	2.72	8.94	6.25	119.3	43.7
49.336	-126.069	32	32.279	3.57E+04	11.82	31.01	1023.67	23.53	23.53	82.3	6	1.51	4.25	2.97	8.90	6.23	130.0	47.8
49.336	-126.069	33	33.283	3.59E+04	11.96	31.05	1023.68	23.53	23.53	82.3	5	1.82	4.64	3.25	8.87	6.21	141.8	52.3
49.336	-126.069	34	34.293	3.59E+04	11.97	31.06	1023.69	23.54	23.54	82.2	4	1.81	4.80	3.36	8.87	6.21	146.5	54.1
49.336	-126.069	35	35.304	3.59E+04	11.97	31.07	1023.71	23.55	23.55	82.2	4	1.83	4.88	3.41	8.87	6.21	149.1	55.1

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.336	-126.069	36	36.312	3.61E+04	12.00	31.18	1023.79	23.62	23.62	82.1	4	1.95	5.10	3.57	8.86	6.20	155.8	57.6
49.336	-126.069	37	37.322	3.61E+04	12.01	31.20	1023.81	23.64	23.64	81.8	3	1.99	5.22	3.65	8.85	6.20	159.4	59.0
49.336	-126.069	38	38.329	3.61E+04	12.01	31.21	1023.82	23.64	23.64	81.7	3	2.00	5.27	3.69	8.85	6.20	161.0	59.6
49.336	-126.069	39	39.337	3.61E+04	12.00	31.22	1023.83	23.66	23.66	81.7	3	2.05	5.31	3.71	8.85	6.20	162.0	59.9
49.336	-126.069	40	40.347	3.61E+04	12.00	31.23	1023.85	23.66	23.66	81.8	3	2.05	5.33	3.73	8.86	6.20	162.5	60.1
49.336	-126.069	41	41.357	3.61E+04	11.99	31.24	1023.86	23.67	23.67	81.8	2	2.02	5.34	3.74	8.86	6.20	163.0	60.3
49.336	-126.069	42	42.365	3.61E+04	11.98	31.25	1023.87	23.68	23.68	81.8	2	2.07	5.34	3.74	8.86	6.20	163.1	60.3
49.336	-126.069	43	43.377	3.61E+04	11.97	31.26	1023.89	23.69	23.69	81.7	2	1.98	5.34	3.74	8.86	6.20	163.0	60.3
49.336	-126.069	44	44.382	3.61E+04	11.95	31.28	1023.91	23.71	23.71	81.6	2	1.98	5.34	3.74	8.86	6.20	162.9	60.2
49.336	-126.069	45	45.373	3.61E+04	11.92	31.29	1023.93	23.72	23.72	81.7	2	1.96	5.33	3.73	8.87	6.20	162.6	60.1
49.336	-126.069	46	46.398	3.61E+04	11.89	31.30	1023.94	23.74	23.74	81.8	2	1.86	5.30	3.71	8.87	6.21	161.8	59.8
49.336	-126.069	47	47.406	3.61E+04	11.87	31.30	1023.96	23.74	23.74	82.1	2	1.79	5.29	3.70	8.87	6.21	161.4	59.6
49.336	-126.069	48	48.415	3.61E+04	11.87	31.31	1023.96	23.75	23.75	82.1	2	1.78	5.28	3.69	8.88	6.21	161.0	59.4
49.336	-126.069	49	49.426	3.61E+04	11.86	31.31	1023.97	23.75	23.75	82.2	2	1.74	5.27	3.69	8.88	6.21	160.8	59.3
49.336	-126.069	50	50.436	3.61E+04	11.85	31.31	1023.98	23.76	23.75	82.2	2	1.73	5.26	3.68	8.88	6.21	160.5	59.2
49.336	-126.069	51	51.443	3.61E+04	11.84	31.32	1023.99	23.76	23.76	82.2	2	1.72	5.25	3.68	8.88	6.21	160.3	59.1
49.336	-126.069	52	52.457	3.61E+04	11.83	31.32	1024.00	23.77	23.76	82.3	1	1.71	5.25	3.67	8.88	6.21	160.0	59.0
49.336	-126.069	53	53.461	3.61E+04	11.80	31.33	1024.02	23.78	23.78	82.3	1	1.65	5.21	3.64	8.89	6.22	158.8	58.5
49.336	-126.069	54	54.467	3.60E+04	11.77	31.33	1024.03	23.79	23.78	82.4	1	1.52	5.15	3.61	8.89	6.22	157.3	57.9
49.336	-126.069	55	55.48	3.60E+04	11.76	31.33	1024.04	23.79	23.79	82.6	1	1.47	5.12	3.58	8.90	6.22	156.1	57.5
49.336	-126.069	56	56.487	3.60E+04	11.72	31.34	1024.05	23.80	23.80	82.6	1	1.39	5.06	3.54	8.90	6.23	154.3	56.8
49.336	-126.069	57	57.502	3.60E+04	11.68	31.34	1024.07	23.81	23.81	82.6	1	1.25	4.99	3.50	8.91	6.23	152.3	56.0
49.336	-126.069	58	58.506	3.59E+04	11.64	31.34	1024.08	23.82	23.82	82.9	1	1.21	4.93	3.45	8.92	6.24	150.4	55.3
49.336	-126.069	59	59.514	3.59E+04	11.62	31.34	1024.09	23.82	23.82	83.2	1	1.18	4.88	3.42	8.92	6.24	149.0	54.7
49.336	-126.069	60	60.525	3.59E+04	11.61	31.34	1024.10	23.82	23.82	83.3	1	1.12	4.85	3.39	8.92	6.24	147.9	54.3
49.336	-126.069	61	61.532	3.59E+04	11.59	31.34	1024.10	23.83	23.83	83.3	1	1.08	4.81	3.37	8.93	6.25	146.8	53.9
49.336	-126.069	62	62.541	3.59E+04	11.58	31.35	1024.11	23.83	23.83	83.4	1	1.03	4.78	3.34	8.93	6.25	145.9	53.5
49.336	-126.069	63	63.552	3.59E+04	11.58	31.35	1024.12	23.83	23.83	83.5	1	1.05	4.76	3.33	8.93	6.25	145.4	53.4
49.336	-126.069	64	64.56	3.59E+04	11.58	31.35	1024.13	23.84	23.83	83.3	1	1.05	4.75	3.33	8.93	6.25	145.1	53.2
49.336	-126.069	65	65.573	3.59E+04	11.57	31.35	1024.13	23.84	23.84	83.1	1	1.06	4.74	3.32	8.93	6.25	144.7	53.1
49.336	-126.069	66	66.576	3.59E+04	11.56	31.36	1024.14	23.84	23.84	82.9	1	1.06	4.72	3.30	8.93	6.25	143.9	52.8
49.336	-126.069	67	67.589	3.59E+04	11.55	31.37	1024.16	23.85	23.85	82.5	1	1.01	4.69	3.28	8.93	6.25	143.1	52.5
49.336	-126.069	68	68.595	3.59E+04	11.54	31.37	1024.16	23.85	23.85	82.4	1	1.02	4.67	3.27	8.93	6.25	142.5	52.3
49.336	-126.069	69	69.605	3.59E+04	11.54	31.37	1024.17	23.85	23.85	82.3	1	1.03	4.66	3.26	8.93	6.25	142.4	52.2
49.336	-126.069	70	70.613	3.59E+04	11.54	31.37	1024.17	23.86	23.85	82.3	1	1.02	4.66	3.26	8.93	6.25	142.1	52.1
49.336	-126.069	71	71.622	3.59E+04	11.54	31.37	1024.18	23.86	23.86	82.2	1	1.02	4.64	3.25	8.94	6.25	141.6	51.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.336	-126.069	72	72.632	3.59E+04	11.53	31.37	1024.19	23.86	23.86	82.0	1	1.01	4.62	3.23	8.94	6.25	140.8	51.6
49.336	-126.069	73	73.635	3.59E+04	11.53	31.37	1024.19	23.86	23.86	82.0	1	1.02	4.59	3.21	8.94	6.25	140.0	51.3
49.336	-126.069	74	74.649	3.59E+04	11.52	31.38	1024.20	23.86	23.86	81.7	1	1.02	4.57	3.20	8.94	6.25	139.4	51.1
49.336	-126.069	75	75.659	3.59E+04	11.52	31.38	1024.21	23.87	23.86	81.3	1	1.00	4.56	3.19	8.94	6.25	139.2	51.0
49.336	-126.069	76	76.67	3.59E+04	11.52	31.38	1024.21	23.87	23.86	81.0	1	1.02	4.56	3.19	8.94	6.25	139.2	51.0
49.336	-126.069	77	77.671	3.59E+04	11.52	31.38	1024.22	23.87	23.86	81.0	1	1.02	4.56	3.19	8.94	6.25	139.2	51.0
49.336	-126.069	78	78.685	3.59E+04	11.52	31.38	1024.22	23.87	23.86	81.1	1	1.01	4.57	3.19	8.94	6.25	139.3	51.1
49.336	-126.069	79	79.692	3.59E+04	11.52	31.38	1024.23	23.87	23.87	81.0	1	1.02	4.56	3.19	8.94	6.25	139.1	51.0
49.336	-126.069	80	80.702	3.59E+04	11.52	31.38	1024.23	23.87	23.87	80.9	1	1.01	4.54	3.17	8.94	6.25	138.4	50.7
49.336	-126.069	81	81.712	3.59E+04	11.51	31.39	1024.24	23.87	23.87	80.5	1	1.04	4.51	3.16	8.94	6.25	137.7	50.5
49.336	-126.069	82	82.72	3.59E+04	11.51	31.39	1024.25	23.88	23.88	79.9	1	1.02	4.50	3.15	8.94	6.26	137.4	50.3
49.336	-126.069	83	83.73	3.59E+04	11.50	31.39	1024.26	23.88	23.88	79.6	1	1.02	4.50	3.15	8.94	6.26	137.2	50.3
49.336	-126.069	84	84.739	3.59E+04	11.50	31.39	1024.26	23.88	23.88	79.7	1	1.02	4.49	3.14	8.94	6.26	137.1	50.3
49.336	-126.069	85	85.749	3.59E+04	11.50	31.39	1024.27	23.88	23.88	79.8	1	1.02	4.50	3.15	8.94	6.26	137.3	50.3
49.336	-126.069	86	86.757	3.59E+04	11.50	31.40	1024.27	23.88	23.88	79.7	1	1.04	4.51	3.15	8.94	6.26	137.5	50.4
49.336	-126.069	87	87.767	3.59E+04	11.50	31.40	1024.28	23.89	23.88	79.8	1	1.02	4.50	3.15	8.94	6.26	137.5	50.4
49.336	-126.069	88	88.774	3.59E+04	11.50	31.40	1024.29	23.89	23.89	79.8	1	1.02	4.52	3.16	8.94	6.26	137.8	50.5
49.336	-126.069	89	89.784	3.59E+04	11.49	31.40	1024.30	23.89	23.89	79.7	1	1.05	4.56	3.19	8.94	6.26	139.1	51.0
49.336	-126.069	90	90.796	3.59E+04	11.49	31.41	1024.31	23.90	23.90	79.6	1	1.06	4.59	3.21	8.94	6.26	140.2	51.4
49.336	-126.069	91	91.799	3.59E+04	11.49	31.41	1024.31	23.90	23.90	79.8	1	1.09	4.60	3.22	8.94	6.26	140.5	51.5
49.336	-126.069	92	92.809	3.59E+04	11.49	31.41	1024.32	23.90	23.90	79.9	1	1.09	4.61	3.22	8.94	6.26	140.6	51.5
49.336	-126.069	93	93.818	3.59E+04	11.49	31.41	1024.32	23.90	23.90	79.2	1	1.09	4.61	3.22	8.94	6.26	140.6	51.5
49.336	-126.069	94	94.83	3.59E+04	11.49	31.41	1024.33	23.90	23.90	79.8	1	1.07	4.60	3.22	8.94	6.26	140.5	51.5
49.336	-126.069	95	95.838	3.59E+04	11.49	31.41	1024.33	23.90	23.90	79.5	1	1.07	4.60	3.22	8.94	6.26	140.4	51.4
49.336	-126.069	96	96.845	3.59E+04	11.48	31.41	1024.34	23.90	23.90	79.4	1	1.09	4.58	3.20	8.94	6.26	139.7	51.2
49.336	-126.069	97	97.854	3.59E+04	11.48	31.41	1024.34	23.90	23.90	79.1	1	1.11	4.56	3.19	8.94	6.26	139.1	51.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 33 mouth of herbert 53mz 13:47h 8/21/05																		
49.29583	-126.036	2	2.242	3.66E+04	14.55	29.63	1021.94	21.93	21.93	74.0	3518	4.31	7.26	5.08	8.48	5.93	222.2	85.7
49.29583	-126.036	3	3.019	3.66E+04	14.57	29.62	1021.93	21.92	21.92	74.0	2654	4.55	7.30	5.11	8.48	5.93	222.2	85.7
49.29583	-126.036	4	4.037	3.65E+04	14.34	29.75	1022.09	22.07	22.07	74.1	1795	4.79	7.11	4.97	8.51	5.95	215.0	82.7
49.29583	-126.036	5	5.043	3.64E+04	13.77	30.08	1022.46	22.44	22.44	74.1	1269	4.57	6.79	4.75	8.59	6.01	205.8	78.4
49.29583	-126.036	6	6.051	3.63E+04	13.28	30.34	1022.76	22.73	22.73	74.2	923	3.60	6.44	4.50	8.66	6.06	196.1	74.1
49.29583	-126.036	7	7.066	3.62E+04	13.17	30.39	1022.82	22.79	22.79	75.3	673	3.39	6.23	4.36	8.68	6.08	189.6	71.5
49.29583	-126.036	8	8.071	3.61E+04	12.97	30.45	1022.92	22.88	22.88	76.6	508	3.15	5.98	4.19	8.72	6.10	182.7	68.6
49.29583	-126.036	9	9.073	3.61E+04	12.94	30.46	1022.93	22.89	22.89	77.1	395	2.95	5.88	4.12	8.72	6.10	179.7	67.5
49.29583	-126.036	10	10.085	3.61E+04	12.94	30.46	1022.94	22.89	22.89	77.5	316	2.98	5.83	4.08	8.72	6.10	178.1	66.8
49.29583	-126.036	11	11.095	3.61E+04	12.92	30.46	1022.95	22.90	22.90	77.6	252	2.97	5.80	4.06	8.72	6.10	176.9	66.4
49.29583	-126.036	12	12.107	3.61E+04	12.88	30.47	1022.96	22.91	22.91	77.4	202	2.97	5.72	4.00	8.73	6.11	174.5	65.4
49.29583	-126.036	13	13.112	3.60E+04	12.79	30.49	1023.00	22.94	22.94	77.7	164	2.89	5.60	3.92	8.75	6.12	170.9	63.9
49.29583	-126.036	14	14.123	3.60E+04	12.72	30.52	1023.04	22.98	22.98	77.8	134	2.90	5.49	3.84	8.76	6.13	167.0	62.4
49.29583	-126.036	15	15.129	3.59E+04	12.56	30.59	1023.13	23.06	23.06	78.1	110	2.71	5.28	3.69	8.79	6.15	160.7	59.9
49.29583	-126.036	16	16.137	3.59E+04	12.42	30.63	1023.20	23.12	23.12	78.5	91	2.55	5.07	3.55	8.81	6.16	154.7	57.5
49.29583	-126.036	17	17.145	3.58E+04	12.35	30.66	1023.23	23.15	23.15	78.6	76	2.47	4.93	3.45	8.82	6.17	150.5	55.9
49.29583	-126.036	18	18.157	3.58E+04	12.31	30.66	1023.25	23.16	23.16	78.8	60	2.44	4.84	3.39	8.83	6.18	147.7	54.8
49.29583	-126.036	19	19.166	3.58E+04	12.26	30.67	1023.27	23.18	23.18	78.8	49	2.43	4.77	3.33	8.84	6.18	145.5	53.9
49.29583	-126.036	20	20.173	3.58E+04	12.26	30.67	1023.27	23.18	23.18	79.2	40	2.41	4.73	3.31	8.84	6.18	144.4	53.5
49.29583	-126.036	21	21.18	3.58E+04	12.27	30.67	1023.28	23.18	23.18	79.3	32	2.30	4.71	3.30	8.83	6.18	143.9	53.3
49.29583	-126.036	22	22.19	3.58E+04	12.25	30.68	1023.29	23.19	23.19	79.5	26	2.24	4.69	3.28	8.84	6.18	143.1	53.0
49.29583	-126.036	23	23.198	3.57E+04	12.23	30.68	1023.30	23.20	23.20	79.6	21	2.18	4.66	3.26	8.84	6.19	142.4	52.7
49.29583	-126.036	24	24.208	3.57E+04	12.23	30.68	1023.31	23.20	23.20	79.6	18	2.19	4.65	3.25	8.84	6.19	141.8	52.5
49.29583	-126.036	25	25.22	3.57E+04	12.22	30.69	1023.32	23.21	23.20	79.8	15	2.23	4.63	3.24	8.84	6.19	141.3	52.3
49.29583	-126.036	26	26.226	3.57E+04	12.22	30.69	1023.32	23.21	23.21	79.9	12	2.26	4.60	3.22	8.84	6.19	140.3	52.0
49.29583	-126.036	27	27.235	3.57E+04	12.14	30.73	1023.37	23.25	23.25	80.0	11	2.10	4.50	3.15	8.86	6.20	137.3	50.8
49.29583	-126.036	28	28.243	3.57E+04	12.06	30.77	1023.42	23.30	23.30	80.0	8	2.02	4.36	3.05	8.87	6.21	133.1	49.1
49.29583	-126.036	29	29.254	3.57E+04	12.01	30.79	1023.46	23.32	23.32	79.9	7	1.89	4.26	2.98	8.88	6.21	129.9	47.9
49.29583	-126.036	30	30.265	3.56E+04	11.92	30.82	1023.49	23.36	23.36	79.9	6	1.86	4.07	2.85	8.89	6.22	124.0	45.7
49.29583	-126.036	31	31.267	3.55E+04	11.77	30.83	1023.53	23.39	23.39	80.0	5	1.81	3.76	2.63	8.92	6.24	114.9	42.2
49.29583	-126.036	32	32.274	3.55E+04	11.75	30.84	1023.55	23.40	23.40	80.0	5	1.62	3.65	2.55	8.92	6.24	111.4	40.9
49.29583	-126.036	33	33.287	3.56E+04	11.79	30.86	1023.56	23.42	23.41	79.8	4	1.57	3.69	2.58	8.92	6.24	112.6	41.4
49.29583	-126.036	34	34.294	3.56E+04	11.80	30.86	1023.57	23.41	23.41	79.8	3	1.60	3.73	2.61	8.91	6.24	114.0	41.9
49.29583	-126.036	35	35.302	3.56E+04	11.80	30.86	1023.57	23.41	23.41	79.7	3	1.63	3.75	2.63	8.91	6.24	114.6	42.1

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.29583	-126.036	36	36.306	3.56E+04	11.81	30.86	1023.58	23.41	23.41	79.6	3	1.63	3.77	2.64	8.91	6.23	115.2	42.3
49.29583	-126.036	37	37.322	3.56E+04	11.81	30.87	1023.59	23.42	23.42	79.6	2	1.64	3.77	2.64	8.91	6.24	114.9	42.2
49.29583	-126.036	38	38.329	3.56E+04	11.78	30.88	1023.60	23.43	23.43	79.7	2	1.56	3.74	2.62	8.92	6.24	114.1	41.9
49.29583	-126.036	39	39.336	3.56E+04	11.76	30.88	1023.61	23.44	23.44	79.9	2	1.53	3.70	2.59	8.92	6.24	112.8	41.4
49.29583	-126.036	40	40.345	3.55E+04	11.70	30.91	1023.65	23.47	23.47	80.0	2	1.47	3.67	2.57	8.93	6.25	111.9	41.0
49.29583	-126.036	41	41.358	3.56E+04	11.69	30.93	1023.68	23.49	23.49	80.1	2	1.45	3.67	2.57	8.93	6.25	112.1	41.1
49.29583	-126.036	42	42.358	3.56E+04	11.68	30.94	1023.69	23.50	23.50	80.1	2	1.43	3.68	2.57	8.93	6.25	112.3	41.2
49.29583	-126.036	43	43.38	3.56E+04	11.67	30.96	1023.71	23.51	23.51	80.2	2	1.37	3.69	2.58	8.93	6.25	112.5	41.2
49.29583	-126.036	44	44.383	3.56E+04	11.66	30.97	1023.72	23.52	23.52	80.2	2	1.37	3.67	2.57	8.93	6.25	111.9	41.0
49.29583	-126.036	45	45.39	3.55E+04	11.63	30.98	1023.74	23.54	23.54	80.1	2	1.31	3.65	2.55	8.94	6.26	111.5	40.8
49.29583	-126.036	46	46.399	3.56E+04	11.64	30.99	1023.75	23.54	23.54	80.2	1	1.31	3.67	2.57	8.94	6.25	112.0	41.1
49.29583	-126.036	47	47.409	3.56E+04	11.65	30.99	1023.76	23.54	23.54	80.3	1	1.31	3.71	2.60	8.93	6.25	113.3	41.5
49.29583	-126.036	48	48.411	3.56E+04	11.65	31.00	1023.77	23.55	23.55	80.3	1	1.41	3.74	2.62	8.93	6.25	114.2	41.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation34herbert116mz14:17h8:21.05																		
49.31333	-126.013	2	2.239	3.64E+04	14.24	29.74	1022.09	22.08	22.08	74.5	3562	4.08	6.98	4.88	8.53	5.97	212.0	81.3
49.31333	-126.013	3	3.023	3.64E+04	13.87	29.97	1022.34	22.33	22.33	74.6	2615	4.23	6.83	4.78	8.58	6.00	208.4	79.5
49.31333	-126.013	4	4.024	3.64E+04	13.75	30.04	1022.42	22.41	22.41	74.7	1753	4.78	6.73	4.71	8.60	6.02	205.6	78.3
49.31333	-126.013	5	5.041	3.63E+04	13.74	30.04	1022.43	22.41	22.41	75.0	1399	5.09	6.70	4.69	8.60	6.02	204.3	77.7
49.31333	-126.013	6	6.052	3.63E+04	13.63	30.10	1022.50	22.48	22.48	75.2	1147	4.94	6.56	4.59	8.62	6.03	200.4	76.1
49.31333	-126.013	7	7.056	3.63E+04	13.61	30.11	1022.52	22.49	22.49	75.5	855	4.45	6.49	4.54	8.62	6.03	196.5	74.6
49.31333	-126.013	8	8.069	3.61E+04	13.11	30.33	1022.80	22.76	22.76	75.8	601	3.73	6.01	4.20	8.70	6.09	182.5	68.7
49.31333	-126.013	9	9.074	3.60E+04	12.81	30.47	1022.96	22.92	22.92	76.3	475	3.10	5.63	3.94	8.75	6.12	171.8	64.3
49.31333	-126.013	10	10.09	3.60E+04	12.74	30.51	1023.01	22.97	22.97	77.3	355	2.92	5.47	3.83	8.76	6.13	167.0	62.4
49.31333	-126.013	11	11.098	3.60E+04	12.71	30.53	1023.04	22.99	22.99	78.1	278	2.73	5.40	3.78	8.76	6.13	164.9	61.6
49.31333	-126.013	12	12.103	3.60E+04	12.68	30.54	1023.06	23.00	23.00	78.4	206	2.68	5.35	3.74	8.76	6.13	163.1	60.9
49.31333	-126.013	13	13.111	3.60E+04	12.64	30.56	1023.08	23.02	23.02	78.7	170	2.66	5.26	3.68	8.77	6.14	160.4	59.9
49.31333	-126.013	14	14.123	3.59E+04	12.56	30.59	1023.13	23.06	23.06	78.8	150	2.54	5.14	3.60	8.78	6.15	156.9	58.5
49.31333	-126.013	15	15.127	3.59E+04	12.49	30.61	1023.16	23.09	23.09	78.9	116	2.40	5.02	3.51	8.80	6.15	153.1	57.0
49.31333	-126.013	16	16.133	3.59E+04	12.41	30.64	1023.20	23.13	23.13	79.1	95	2.36	4.88	3.42	8.81	6.16	148.9	55.3
49.31333	-126.013	17	17.147	3.58E+04	12.36	30.66	1023.23	23.15	23.15	79.2	86	2.29	4.78	3.35	8.82	6.17	146.0	54.2
49.31333	-126.013	18	18.159	3.58E+04	12.32	30.67	1023.25	23.17	23.17	79.3	66	2.22	4.71	3.30	8.82	6.18	143.7	53.3
49.31333	-126.013	19	19.163	3.58E+04	12.27	30.69	1023.28	23.20	23.20	79.3	57	2.19	4.63	3.24	8.83	6.18	141.5	52.4
49.31333	-126.013	20	20.172	3.58E+04	12.24	30.70	1023.30	23.21	23.21	79.3	41	2.17	4.59	3.21	8.84	6.18	140.0	51.9
49.31333	-126.013	21	21.182	3.58E+04	12.24	30.71	1023.31	23.21	23.21	79.3	33	2.15	4.56	3.19	8.84	6.18	139.4	51.6
49.31333	-126.013	22	22.191	3.58E+04	12.23	30.71	1023.31	23.21	23.21	79.2	30	2.22	4.55	3.18	8.84	6.19	138.9	51.4
49.31333	-126.013	23	23.199	3.58E+04	12.24	30.71	1023.32	23.21	23.21	79.3	26	2.22	4.54	3.18	8.84	6.18	138.7	51.4
49.31333	-126.013	24	24.208	3.58E+04	12.24	30.70	1023.32	23.21	23.21	79.3	19	2.23	4.54	3.17	8.84	6.18	138.5	51.3
49.31333	-126.013	25	25.219	3.58E+04	12.24	30.70	1023.32	23.21	23.21	79.4	16	2.21	4.53	3.17	8.84	6.18	138.4	51.3
49.31333	-126.013	26	26.23	3.58E+04	12.24	30.70	1023.33	23.21	23.21	79.3	13	2.21	4.52	3.17	8.84	6.19	138.1	51.2
49.31333	-126.013	27	27.23	3.58E+04	12.22	30.71	1023.34	23.22	23.22	79.4	11	2.23	4.50	3.15	8.84	6.19	137.4	50.9
49.31333	-126.013	28	28.24	3.57E+04	12.18	30.73	1023.37	23.24	23.24	79.5	9	2.23	4.46	3.12	8.85	6.19	135.7	50.2
49.31333	-126.013	29	29.256	3.57E+04	12.04	30.78	1023.44	23.31	23.31	79.6	7	2.00	4.32	3.03	8.87	6.21	131.9	48.7
49.31333	-126.013	30	30.255	3.57E+04	11.97	30.81	1023.48	23.35	23.34	80.0	6	1.83	4.24	2.97	8.88	6.22	129.3	47.7
49.31333	-126.013	31	31.271	3.56E+04	11.88	30.83	1023.52	23.38	23.38	80.3	5	1.73	4.10	2.87	8.90	6.23	125.1	46.0
49.31333	-126.013	32	32.268	3.56E+04	11.84	30.84	1023.54	23.39	23.39	80.4	4	1.67	4.01	2.81	8.91	6.23	122.4	45.0
49.31333	-126.013	33	33.287	3.56E+04	11.84	30.84	1023.54	23.39	23.39	80.7	3	1.68	3.97	2.78	8.91	6.23	121.1	44.5
49.31333	-126.013	34	34.293	3.56E+04	11.82	30.84	1023.55	23.39	23.39	80.7	3	1.68	3.91	2.74	8.91	6.24	119.3	43.8
49.31333	-126.013	35	35.308	3.55E+04	11.80	30.83	1023.55	23.39	23.39	80.9	3	1.67	3.84	2.69	8.91	6.24	117.0	43.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.31333	-126.013	36	36.318	3.54E+04	11.71	30.81	1023.55	23.39	23.39	81.1	3	1.62	3.65	2.55	8.93	6.25	111.4	40.8
49.31333	-126.013	37	37.321	3.54E+04	11.67	30.80	1023.56	23.39	23.39	81.1	2	1.50	3.48	2.44	8.94	6.26	106.2	38.9
49.31333	-126.013	38	38.328	3.53E+04	11.57	30.80	1023.58	23.41	23.41	81.2	2	1.34	3.26	2.28	8.96	6.27	99.4	36.3
49.31333	-126.013	39	39.336	3.52E+04	11.43	30.80	1023.61	23.43	23.43	81.5	2	1.30	2.92	2.04	8.99	6.29	88.8	32.4
49.31333	-126.013	40	40.351	3.50E+04	11.28	30.79	1023.63	23.45	23.45	81.8	2	1.19	2.50	1.75	9.02	6.31	76.1	27.7
49.31333	-126.013	41	41.358	3.50E+04	11.17	30.79	1023.66	23.47	23.47	82.0	2	1.16	2.15	1.50	9.04	6.33	65.5	23.7
49.31333	-126.013	42	42.365	3.49E+04	11.10	30.78	1023.67	23.48	23.47	82.1	2	1.11	1.85	1.29	9.05	6.33	56.3	20.4
49.31333	-126.013	43	43.374	3.48E+04	10.98	30.78	1023.70	23.50	23.50	82.1	2	1.05	1.45	1.02	9.08	6.35	44.3	16.0
49.31333	-126.013	44	44.381	3.48E+04	10.99	30.82	1023.72	23.52	23.52	82.3	2	0.98	1.40	0.98	9.07	6.35	42.9	15.5
49.31333	-126.013	45	45.387	3.50E+04	11.13	30.86	1023.74	23.53	23.53	82.3	2	0.95	1.76	1.23	9.04	6.33	53.8	19.5
49.31333	-126.013	46	46.399	3.50E+04	11.16	30.87	1023.74	23.54	23.53	82.3	2	0.94	1.93	1.35	9.04	6.32	58.7	21.3
49.31333	-126.013	47	47.409	3.50E+04	11.10	30.87	1023.76	23.54	23.54	82.2	1	0.97	1.74	1.21	9.05	6.33	53.0	19.2
49.31333	-126.013	48	48.418	3.50E+04	11.10	30.88	1023.77	23.55	23.55	82.2	1	0.97	1.64	1.15	9.05	6.33	50.1	18.1
49.31333	-126.013	49	49.426	3.51E+04	11.15	30.90	1023.79	23.56	23.56	82.1	1	0.95	1.71	1.20	9.04	6.32	52.2	18.9
49.31333	-126.013	50	50.432	3.51E+04	11.18	30.92	1023.79	23.57	23.57	81.9	1	0.97	1.75	1.23	9.03	6.32	53.6	19.4
49.31333	-126.013	51	51.442	3.51E+04	11.20	30.92	1023.80	23.57	23.57	81.8	1	0.93	1.82	1.27	9.03	6.32	55.5	20.1
49.31333	-126.013	52	52.452	3.51E+04	11.21	30.93	1023.81	23.57	23.57	81.8	1	0.95	1.87	1.31	9.02	6.31	57.2	20.8
49.31333	-126.013	53	53.461	3.52E+04	11.25	30.95	1023.82	23.58	23.58	81.7	1	0.94	2.03	1.42	9.02	6.31	62.1	22.5
49.31333	-126.013	54	54.471	3.53E+04	11.32	30.97	1023.83	23.59	23.59	81.7	1	0.93	2.31	1.61	9.00	6.30	70.5	25.7
49.31333	-126.013	55	55.486	3.53E+04	11.36	30.99	1023.84	23.59	23.59	81.7	1	0.95	2.53	1.77	8.99	6.29	77.2	28.1
49.31333	-126.013	56	56.489	3.54E+04	11.40	31.00	1023.85	23.60	23.59	81.7	1	0.93	2.73	1.91	8.98	6.29	83.3	30.4
49.31333	-126.013	57	57.497	3.54E+04	11.43	31.01	1023.86	23.60	23.60	81.7	1	0.92	2.87	2.01	8.97	6.28	87.7	32.0
49.31333	-126.013	58	58.508	3.54E+04	11.44	31.02	1023.86	23.60	23.60	81.7	1	0.94	2.95	2.07	8.97	6.28	90.2	32.9
49.31333	-126.013	59	59.515	3.54E+04	11.45	31.02	1023.87	23.60	23.60	81.6	1	0.93	3.03	2.12	8.97	6.28	92.4	33.7
49.31333	-126.013	60	60.524	3.55E+04	11.47	31.03	1023.88	23.60	23.60	81.7	1	0.92	3.11	2.17	8.97	6.27	94.9	34.7
49.31333	-126.013	61	61.533	3.55E+04	11.47	31.03	1023.88	23.61	23.60	81.8	1	0.94	3.13	2.19	8.97	6.27	95.5	34.9
49.31333	-126.013	62	62.535	3.55E+04	11.46	31.03	1023.89	23.61	23.61	81.7	1	0.92	3.12	2.18	8.97	6.28	95.2	34.8
49.31333	-126.013	63	63.552	3.55E+04	11.47	31.04	1023.90	23.61	23.61	81.7	1	0.93	3.13	2.19	8.97	6.27	95.4	34.9
49.31333	-126.013	64	64.56	3.55E+04	11.48	31.05	1023.91	23.62	23.61	81.7	1	0.92	3.14	2.20	8.96	6.27	95.9	35.0
49.31333	-126.013	65	65.57	3.55E+04	11.48	31.05	1023.91	23.62	23.62	81.7	1	0.92	3.17	2.22	8.96	6.27	96.9	35.4
49.31333	-126.013	66	66.577	3.55E+04	11.49	31.06	1023.92	23.62	23.62	81.7	1	0.93	3.23	2.26	8.96	6.27	98.5	36.0
49.31333	-126.013	67	67.586	3.55E+04	11.50	31.06	1023.93	23.62	23.62	81.6	1	0.94	3.27	2.28	8.96	6.27	99.7	36.4
49.31333	-126.013	68	68.595	3.55E+04	11.51	31.07	1023.94	23.63	23.63	81.6	1	0.95	3.34	2.34	8.96	6.27	101.9	37.3
49.31333	-126.013	69	69.603	3.56E+04	11.52	31.07	1023.94	23.63	23.63	81.6	1	0.93	3.38	2.37	8.96	6.27	103.3	37.8
49.31333	-126.013	70	70.617	3.56E+04	11.52	31.07	1023.95	23.63	23.63	81.5	1	0.92	3.41	2.38	8.96	6.27	103.9	38.0
49.31333	-126.013	71	71.621	3.56E+04	11.52	31.07	1023.95	23.63	23.63	81.4	1	0.93	3.43	2.40	8.96	6.27	104.6	38.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.31333	-126.013	72	72.627	3.56E+04	11.52	31.07	1023.96	23.63	23.63	81.4	1	0.94	3.45	2.41	8.95	6.27	105.2	38.5
49.31333	-126.013	73	73.639	3.56E+04	11.52	31.08	1023.96	23.63	23.63	81.4	1	0.93	3.46	2.42	8.95	6.27	105.8	38.7
49.31333	-126.013	74	74.648	3.56E+04	11.53	31.08	1023.97	23.63	23.63	81.3	1	0.96	3.49	2.45	8.95	6.26	106.7	39.0
49.31333	-126.013	75	75.661	3.56E+04	11.53	31.08	1023.98	23.64	23.63	81.0	1	0.97	3.52	2.46	8.95	6.26	107.4	39.3
49.31333	-126.013	76	76.67	3.56E+04	11.53	31.08	1023.98	23.64	23.64	80.7	1	0.93	3.53	2.47	8.95	6.26	107.8	39.4
49.31333	-126.013	77	77.676	3.56E+04	11.53	31.09	1023.99	23.64	23.64	80.7	1	0.96	3.54	2.47	8.95	6.26	108.0	39.5
49.31333	-126.013	78	78.685	3.56E+04	11.53	31.09	1023.99	23.64	23.64	80.5	1	0.99	3.55	2.48	8.95	6.26	108.4	39.6
49.31333	-126.013	79	79.693	3.56E+04	11.53	31.09	1024.00	23.64	23.64	80.7	1	0.96	3.56	2.49	8.95	6.26	108.8	39.8
49.31333	-126.013	80	80.7	3.56E+04	11.53	31.09	1024.00	23.64	23.64	80.6	1	0.98	3.57	2.50	8.95	6.26	109.0	39.9
49.31333	-126.013	81	81.711	3.56E+04	11.53	31.09	1024.01	23.64	23.64	80.5	1	0.97	3.58	2.50	8.95	6.26	109.2	40.0
49.31333	-126.013	82	82.721	3.56E+04	11.54	31.09	1024.01	23.64	23.64	80.6	1	0.98	3.58	2.51	8.95	6.26	109.4	40.0
49.31333	-126.013	83	83.732	3.56E+04	11.54	31.09	1024.02	23.64	23.64	80.5	1	0.97	3.58	2.51	8.95	6.26	109.4	40.0
49.31333	-126.013	84	84.739	3.56E+04	11.54	31.09	1024.02	23.64	23.64	80.4	1	0.96	3.58	2.51	8.95	6.26	109.4	40.0
49.31333	-126.013	85	85.75	3.56E+04	11.54	31.09	1024.03	23.64	23.64	80.2	1	0.98	3.59	2.51	8.95	6.26	109.4	40.1
49.31333	-126.013	86	86.754	3.56E+04	11.54	31.09	1024.03	23.64	23.64	80.3	1	0.99	3.59	2.51	8.95	6.26	109.5	40.1
49.31333	-126.013	87	87.764	3.56E+04	11.54	31.09	1024.04	23.64	23.64	80.4	1	0.99	3.59	2.51	8.95	6.26	109.4	40.1
49.31333	-126.013	88	88.771	3.56E+04	11.53	31.09	1024.04	23.64	23.64	80.3	1	0.94	3.58	2.51	8.95	6.26	109.4	40.0
49.31333	-126.013	89	89.782	3.56E+04	11.54	31.09	1024.05	23.64	23.64	80.4	1	0.99	3.59	2.51	8.95	6.26	109.5	40.1
49.31333	-126.013	90	90.791	3.56E+04	11.54	31.09	1024.05	23.64	23.64	80.3	1	0.96	3.59	2.51	8.95	6.26	109.6	40.1
49.31333	-126.013	91	91.798	3.56E+04	11.54	31.09	1024.06	23.64	23.64	80.3	1	0.98	3.59	2.52	8.95	6.26	109.7	40.2
49.31333	-126.013	92	92.808	3.56E+04	11.54	31.10	1024.06	23.64	23.64	80.3	1	0.98	3.60	2.52	8.95	6.26	109.9	40.2
49.31333	-126.013	93	93.817	3.56E+04	11.54	31.10	1024.07	23.64	23.64	80.2	1	1.01	3.61	2.52	8.95	6.26	110.0	40.3
49.31333	-126.013	94	94.829	3.56E+04	11.54	31.10	1024.07	23.65	23.64	80.2	1	0.99	3.61	2.52	8.95	6.26	110.1	40.3
49.31333	-126.013	95	95.836	3.56E+04	11.54	31.10	1024.08	23.65	23.64	80.1	1	1.00	3.61	2.53	8.95	6.26	110.2	40.3
49.31333	-126.013	96	96.848	3.56E+04	11.54	31.10	1024.09	23.65	23.65	80.1	1	0.98	3.60	2.52	8.95	6.26	110.0	40.2
49.31333	-126.013	97	97.854	3.56E+04	11.54	31.11	1024.10	23.66	23.66	79.8	1	1.02	3.59	2.51	8.95	6.26	109.6	40.1
49.31333	-126.013	98	98.869	3.56E+04	11.53	31.12	1024.11	23.66	23.66	79.0	1	1.01	3.60	2.52	8.95	6.26	109.8	40.2
49.31333	-126.013	99	99.876	3.56E+04	11.53	31.12	1024.11	23.66	23.66	78.4	1	1.01	3.60	2.52	8.95	6.26	110.0	40.3
49.31333	-126.013	100	100.886	3.56E+04	11.53	31.12	1024.12	23.66	23.66	78.2	1	0.99	3.59	2.51	8.95	6.26	109.6	40.1
49.31333	-126.013	101	101.887	3.56E+04	11.52	31.12	1024.12	23.66	23.66	78.2	1	1.02	3.55	2.49	8.95	6.26	108.4	39.7
49.31333	-126.013	102	102.904	3.56E+04	11.51	31.12	1024.13	23.67	23.66	77.7	1	0.96	3.52	2.46	8.95	6.27	107.3	39.3
49.31333	-126.013	103	103.909	3.56E+04	11.51	31.12	1024.14	23.67	23.67	76.4	1	1.00	3.48	2.44	8.95	6.27	106.3	38.9
49.31333	-126.013	104	104.919	3.56E+04	11.51	31.12	1024.14	23.67	23.67	75.1	1	0.99	3.48	2.44	8.95	6.26	106.3	38.9
49.31333	-126.013	105	105.927	3.56E+04	11.52	31.13	1024.15	23.67	23.67	74.0	1	1.00	3.52	2.46	8.95	6.26	107.4	39.3
49.31333	-126.013	106	106.939	3.56E+04	11.53	31.13	1024.15	23.67	23.67	74.1	1	1.01	3.56	2.49	8.95	6.26	108.6	39.8
49.31333	-126.013	107	107.949	3.56E+04	11.53	31.13	1024.16	23.67	23.67	74.6	1	1.03	3.57	2.50	8.95	6.26	108.9	39.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.31333	-126.013	108	108.947	3.56E+04	11.53	31.13	1024.16	23.67	23.67	74.9	1	0.96	3.57	2.50	8.95	6.26	109.1	39.9
clayoquot station 35 herbert 135mz 14:45h 8/21/05																		
49.32967	-125.976	2	2.264	3.64E+04	15.54	28.74	1021.05	21.04	21.04	74.2	2982	3.57	8.13	5.69	8.35	5.85	245.0	95.8
49.32967	-125.976	3	3.026	3.63E+04	14.84	29.19	1021.55	21.53	21.53	74.6	2262	4.99	7.95	5.56	8.45	5.91	239.8	92.8
49.32967	-125.976	4	4.033	3.62E+04	14.14	29.63	1022.03	22.01	22.01	74.9	1521	5.34	7.68	5.38	8.55	5.98	231.5	88.5
49.32967	-125.976	5	5.043	3.60E+04	13.37	30.03	1022.50	22.48	22.48	75.7	1039	5.00	7.24	5.07	8.67	6.06	219.9	83.0
49.32967	-125.976	6	6.05	3.59E+04	13.04	30.18	1022.68	22.66	22.66	76.3	720	5.51	6.81	4.77	8.72	6.10	207.8	78.0
49.32967	-125.976	7	7.057	3.59E+04	12.97	30.26	1022.76	22.73	22.73	76.6	524	5.52	6.52	4.56	8.73	6.11	199.3	74.7
49.32967	-125.976	8	8.068	3.60E+04	12.97	30.29	1022.79	22.75	22.75	76.9	401	5.16	6.34	4.43	8.73	6.11	193.5	72.6
49.32967	-125.976	9	9.077	3.60E+04	12.94	30.32	1022.82	22.78	22.78	77.4	315	4.68	6.15	4.30	8.73	6.11	187.8	70.4
49.32967	-125.976	10	10.083	3.60E+04	12.91	30.37	1022.87	22.82	22.82	78.0	251	3.87	5.97	4.18	8.73	6.11	182.2	68.3
49.32967	-125.976	11	11.095	3.59E+04	12.86	30.37	1022.88	22.83	22.83	78.6	202	3.74	5.88	4.11	8.74	6.12	179.0	67.0
49.32967	-125.976	12	12.105	3.58E+04	12.74	30.34	1022.89	22.84	22.84	78.8	164	4.20	5.81	4.07	8.76	6.13	177.0	66.1
49.32967	-125.976	13	13.113	3.57E+04	12.60	30.34	1022.92	22.86	22.86	78.8	135	4.35	5.70	3.99	8.79	6.15	174.1	64.8
49.32967	-125.976	14	14.121	3.57E+04	12.56	30.38	1022.96	22.90	22.90	79.2	111	3.49	5.54	3.87	8.80	6.16	168.7	62.8
49.32967	-125.976	15	15.129	3.56E+04	12.46	30.41	1023.01	22.94	22.94	80.1	91	3.03	5.37	3.76	8.81	6.17	163.9	60.9
49.32967	-125.976	16	16.137	3.56E+04	12.41	30.43	1023.04	22.97	22.97	80.6	75	2.84	5.21	3.65	8.82	6.17	158.3	58.7
49.32967	-125.976	17	17.144	3.55E+04	12.20	30.51	1023.14	23.06	23.06	81.1	62	2.14	4.80	3.36	8.86	6.20	145.4	53.8
49.32967	-125.976	18	18.155	3.53E+04	11.89	30.55	1023.24	23.16	23.16	81.9	52	1.75	4.32	3.02	8.91	6.24	131.3	48.3
49.32967	-125.976	19	19.164	3.52E+04	11.73	30.59	1023.30	23.21	23.21	82.2	43	1.54	3.97	2.78	8.94	6.26	120.8	44.2
49.32967	-125.976	20	20.174	3.51E+04	11.61	30.60	1023.33	23.24	23.24	82.4	37	1.46	3.74	2.61	8.96	6.27	113.8	41.6
49.32967	-125.976	21	21.183	3.51E+04	11.53	30.59	1023.34	23.25	23.25	82.5	32	1.46	3.59	2.51	8.98	6.28	109.1	39.8
49.32967	-125.976	22	22.194	3.49E+04	11.40	30.57	1023.36	23.26	23.26	82.5	27	1.42	3.41	2.38	9.01	6.30	103.4	37.6
49.32967	-125.976	23	23.195	3.47E+04	11.16	30.54	1023.38	23.28	23.28	82.8	24	1.30	3.16	2.21	9.05	6.34	96.0	34.7
49.32967	-125.976	24	24.202	3.45E+04	10.97	30.52	1023.41	23.30	23.30	83.0	20	1.26	2.94	2.06	9.09	6.36	89.3	32.2
49.32967	-125.976	25	25.223	3.44E+04	10.81	30.51	1023.43	23.31	23.31	83.1	18	1.22	2.69	1.88	9.13	6.39	82.0	29.4
49.32967	-125.976	26	26.22	3.43E+04	10.73	30.54	1023.47	23.35	23.35	83.3	15	1.13	2.36	1.65	9.14	6.40	72.0	25.8
49.32967	-125.976	27	27.242	3.43E+04	10.69	30.58	1023.51	23.39	23.39	83.4	13	1.04	1.88	1.31	9.15	6.40	57.3	20.5
49.32967	-125.976	28	28.24	3.43E+04	10.65	30.59	1023.53	23.40	23.40	83.4	12	1.05	1.54	1.08	9.15	6.41	46.9	16.8
49.32967	-125.976	29	29.252	3.43E+04	10.63	30.59	1023.54	23.41	23.41	83.5	10	1.03	1.32	0.93	9.16	6.41	40.4	14.5
49.32967	-125.976	30	30.26	3.43E+04	10.63	30.60	1023.55	23.41	23.41	83.5	9	1.02	1.18	0.83	9.16	6.41	36.1	12.9
49.32967	-125.976	31	31.267	3.43E+04	10.64	30.62	1023.57	23.43	23.43	83.5	8	0.98	1.05	0.73	9.15	6.41	32.0	11.4

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.32967	-125.976	32	32.279	3.44E+04	10.68	30.65	1023.59	23.44	23.44	83.6	7	0.95	0.95	0.67	9.14	6.40	29.1	10.4
49.32967	-125.976	33	33.285	3.45E+04	10.73	30.67	1023.60	23.45	23.45	83.6	6	0.97	0.98	0.68	9.13	6.39	29.9	10.7
49.32967	-125.976	34	34.288	3.45E+04	10.79	30.70	1023.62	23.47	23.47	83.5	6	0.97	1.08	0.76	9.12	6.38	33.1	11.9
49.32967	-125.976	35	35.302	3.46E+04	10.86	30.74	1023.64	23.48	23.48	83.3	5	0.93	1.16	0.81	9.10	6.37	35.5	12.8
49.32967	-125.976	36	36.316	3.47E+04	10.91	30.76	1023.66	23.49	23.49	83.0	4	0.92	1.26	0.88	9.09	6.36	38.5	13.9
49.32967	-125.976	37	37.32	3.48E+04	11.01	30.80	1023.68	23.51	23.51	82.9	4	0.93	1.50	1.05	9.07	6.35	45.9	16.6
49.32967	-125.976	38	38.33	3.49E+04	11.06	30.82	1023.68	23.51	23.51	82.8	4	0.93	1.64	1.15	9.06	6.34	50.1	18.1
49.32967	-125.976	39	39.34	3.49E+04	11.05	30.82	1023.69	23.52	23.51	82.8	3	0.97	1.62	1.13	9.06	6.34	49.5	17.9
49.32967	-125.976	40	40.345	3.49E+04	11.05	30.83	1023.70	23.52	23.52	82.5	3	0.95	1.53	1.07	9.06	6.34	46.7	16.9
49.32967	-125.976	41	41.358	3.50E+04	11.12	30.86	1023.72	23.54	23.54	82.3	3	0.91	1.76	1.23	9.04	6.33	54.0	19.5
49.32967	-125.976	42	42.366	3.51E+04	11.23	30.90	1023.74	23.54	23.54	82.2	3	0.91	2.11	1.48	9.02	6.31	64.5	23.4
49.32967	-125.976	43	43.373	3.51E+04	11.25	30.91	1023.74	23.55	23.55	82.1	2	0.93	2.25	1.57	9.02	6.31	68.6	24.9
49.32967	-125.976	44	44.385	3.52E+04	11.26	30.92	1023.75	23.55	23.55	81.9	2	0.92	2.29	1.61	9.01	6.31	70.1	25.5
49.32967	-125.976	45	45.393	3.52E+04	11.28	30.93	1023.76	23.56	23.56	81.9	2	0.93	2.33	1.63	9.01	6.30	71.3	25.9
49.32967	-125.976	46	46.394	3.52E+04	11.29	30.94	1023.77	23.56	23.56	81.7	2	0.91	2.37	1.66	9.01	6.30	72.3	26.3
49.32967	-125.976	47	47.409	3.52E+04	11.28	30.94	1023.78	23.56	23.56	81.6	2	0.92	2.33	1.63	9.01	6.30	71.1	25.9
49.32967	-125.976	48	48.419	3.52E+04	11.27	30.94	1023.79	23.57	23.57	81.6	2	0.92	2.27	1.59	9.01	6.31	69.3	25.2
49.32967	-125.976	49	49.425	3.52E+04	11.27	30.94	1023.80	23.57	23.57	81.6	2	0.92	2.27	1.59	9.01	6.31	69.3	25.2
49.32967	-125.976	50	50.43	3.52E+04	11.28	30.95	1023.80	23.58	23.58	81.6	2	0.95	2.33	1.63	9.01	6.30	71.1	25.8
49.32967	-125.976	51	51.443	3.52E+04	11.28	30.95	1023.81	23.58	23.58	81.5	2	0.93	2.35	1.65	9.01	6.30	71.9	26.1
49.32967	-125.976	52	52.454	3.52E+04	11.27	30.96	1023.82	23.58	23.58	81.6	2	0.93	2.32	1.62	9.01	6.30	70.6	25.7
49.32967	-125.976	53	53.461	3.52E+04	11.22	30.95	1023.82	23.58	23.58	81.7	1	0.92	2.13	1.49	9.02	6.31	65.0	23.6
49.32967	-125.976	54	54.469	3.52E+04	11.20	30.95	1023.83	23.59	23.59	81.7	1	0.93	2.01	1.41	9.02	6.31	61.4	22.3
49.32967	-125.976	55	55.479	3.52E+04	11.22	30.96	1023.84	23.59	23.59	81.7	1	0.93	2.00	1.40	9.02	6.31	61.2	22.2
49.32967	-125.976	56	56.49	3.52E+04	11.23	30.96	1023.85	23.59	23.59	81.7	1	0.95	2.06	1.44	9.02	6.31	62.9	22.8
49.32967	-125.976	57	57.495	3.53E+04	11.29	30.98	1023.85	23.60	23.59	81.6	1	0.93	2.23	1.56	9.00	6.30	68.2	24.8
49.32967	-125.976	58	58.51	3.53E+04	11.35	31.01	1023.87	23.61	23.61	81.6	1	0.93	2.52	1.76	8.99	6.29	76.9	28.0
49.32967	-125.976	59	59.514	3.54E+04	11.43	31.04	1023.89	23.62	23.62	81.4	1	0.92	2.77	1.94	8.97	6.28	84.6	30.9
49.32967	-125.976	60	60.524	3.55E+04	11.44	31.05	1023.89	23.62	23.62	81.2	1	0.93	2.88	2.02	8.97	6.28	88.0	32.1
49.32967	-125.976	61	61.534	3.55E+04	11.44	31.05	1023.90	23.62	23.62	81.1	1	0.92	2.92	2.04	8.97	6.28	89.1	32.5
49.32967	-125.976	62	62.542	3.55E+04	11.44	31.05	1023.91	23.63	23.62	81.2	1	0.93	2.94	2.06	8.97	6.28	89.8	32.8
49.32967	-125.976	63	63.549	3.55E+04	11.45	31.05	1023.91	23.63	23.63	81.1	1	0.93	2.96	2.07	8.97	6.28	90.3	33.0
49.32967	-125.976	64	64.557	3.55E+04	11.45	31.06	1023.92	23.63	23.63	81.1	1	0.93	2.97	2.07	8.97	6.28	90.5	33.0
49.32967	-125.976	65	65.569	3.55E+04	11.45	31.06	1023.92	23.63	23.63	80.9	1	0.92	2.97	2.08	8.97	6.28	90.6	33.1
49.32967	-125.976	66	66.575	3.55E+04	11.45	31.06	1023.93	23.63	23.63	81.0	1	0.92	2.98	2.09	8.97	6.28	91.1	33.3
49.32967	-125.976	67	67.586	3.55E+04	11.45	31.06	1023.94	23.63	23.63	80.9	1	0.93	3.00	2.10	8.97	6.28	91.5	33.4

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.32967	-125.976	68	68.595	3.55E+04	11.45	31.07	1023.95	23.64	23.64	80.9	1	0.93	2.98	2.08	8.97	6.28	90.9	33.2
49.32967	-125.976	69	69.607	3.55E+04	11.44	31.07	1023.95	23.64	23.64	80.9	1	0.92	2.94	2.06	8.97	6.28	89.9	32.8
49.32967	-125.976	70	70.614	3.55E+04	11.43	31.07	1023.96	23.64	23.64	80.9	1	0.93	2.91	2.04	8.97	6.28	88.8	32.4
49.32967	-125.976	71	71.624	3.55E+04	11.43	31.07	1023.96	23.64	23.64	81.0	1	0.94	2.94	2.06	8.97	6.28	89.8	32.8
49.32967	-125.976	72	72.626	3.55E+04	11.46	31.08	1023.97	23.64	23.64	80.9	1	0.91	3.03	2.12	8.97	6.27	92.5	33.8
49.32967	-125.976	73	73.635	3.55E+04	11.46	31.08	1023.97	23.64	23.64	80.9	1	0.94	3.07	2.15	8.97	6.27	93.8	34.3
49.32967	-125.976	74	74.648	3.55E+04	11.46	31.08	1023.98	23.65	23.64	80.9	1	0.92	3.09	2.16	8.97	6.27	94.3	34.5
49.32967	-125.976	75	75.659	3.55E+04	11.46	31.08	1023.99	23.65	23.64	80.8	1	0.93	3.10	2.17	8.97	6.27	94.5	34.5
49.32967	-125.976	76	76.661	3.55E+04	11.46	31.08	1023.99	23.65	23.64	80.8	1	0.92	3.10	2.17	8.97	6.27	94.7	34.6
49.32967	-125.976	77	77.674	3.55E+04	11.46	31.08	1024.00	23.65	23.64	80.7	1	0.91	3.11	2.18	8.97	6.27	94.9	34.7
49.32967	-125.976	78	78.685	3.55E+04	11.46	31.08	1024.00	23.65	23.64	80.7	1	0.93	3.11	2.18	8.97	6.27	95.1	34.7
49.32967	-125.976	79	79.692	3.55E+04	11.46	31.08	1024.01	23.65	23.65	80.7	1	0.95	3.12	2.18	8.97	6.27	95.2	34.8
49.32967	-125.976	80	80.702	3.55E+04	11.46	31.08	1024.01	23.65	23.65	80.8	1	0.93	3.13	2.19	8.97	6.27	95.5	34.9
49.32967	-125.976	81	81.714	3.55E+04	11.46	31.08	1024.02	23.65	23.65	80.8	1	0.92	3.13	2.19	8.97	6.27	95.7	35.0
49.32967	-125.976	82	82.721	3.55E+04	11.46	31.09	1024.02	23.65	23.65	80.7	1	0.92	3.14	2.20	8.97	6.27	95.8	35.0
49.32967	-125.976	83	83.731	3.55E+04	11.46	31.09	1024.03	23.65	23.65	80.6	1	0.91	3.15	2.20	8.96	6.27	96.0	35.1
49.32967	-125.976	84	84.738	3.55E+04	11.47	31.09	1024.03	23.65	23.65	80.6	1	0.95	3.15	2.21	8.96	6.27	96.2	35.1
49.32967	-125.976	85	85.744	3.55E+04	11.46	31.09	1024.04	23.65	23.65	80.7	1	0.94	3.14	2.20	8.97	6.27	96.0	35.1
49.32967	-125.976	86	86.755	3.55E+04	11.46	31.09	1024.04	23.65	23.65	80.5	1	0.93	3.12	2.18	8.97	6.27	95.2	34.8
49.32967	-125.976	87	87.765	3.55E+04	11.45	31.09	1024.05	23.65	23.65	80.5	1	0.94	3.09	2.16	8.97	6.28	94.2	34.4
49.32967	-125.976	88	88.775	3.55E+04	11.44	31.09	1024.06	23.66	23.65	80.3	1	0.95	3.05	2.14	8.97	6.28	93.2	34.0
49.32967	-125.976	89	89.786	3.55E+04	11.44	31.09	1024.06	23.66	23.66	80.4	1	0.93	3.04	2.13	8.97	6.28	92.8	33.9
49.32967	-125.976	90	90.798	3.55E+04	11.44	31.09	1024.07	23.66	23.66	80.4	1	0.95	3.04	2.12	8.97	6.28	92.7	33.8
49.32967	-125.976	91	91.799	3.55E+04	11.44	31.09	1024.07	23.66	23.66	80.4	1	0.95	3.03	2.12	8.97	6.28	92.6	33.8
49.32967	-125.976	92	92.81	3.55E+04	11.44	31.09	1024.08	23.66	23.66	80.4	1	0.94	3.03	2.12	8.97	6.28	92.6	33.8
49.32967	-125.976	93	93.819	3.55E+04	11.44	31.09	1024.08	23.66	23.66	80.4	1	0.92	3.04	2.13	8.97	6.28	92.8	33.9
49.32967	-125.976	94	94.832	3.55E+04	11.44	31.09	1024.09	23.66	23.66	80.3	1	0.92	3.04	2.13	8.97	6.28	92.9	33.9
49.32967	-125.976	95	95.836	3.55E+04	11.44	31.09	1024.09	23.66	23.66	80.3	1	0.95	3.05	2.14	8.97	6.28	93.1	34.0
49.32967	-125.976	96	96.842	3.55E+04	11.44	31.10	1024.10	23.66	23.66	80.3	1	0.95	3.05	2.14	8.97	6.28	93.2	34.0
49.32967	-125.976	97	97.853	3.55E+04	11.44	31.09	1024.10	23.66	23.66	80.3	1	0.96	3.04	2.13	8.97	6.28	92.9	33.9
49.32967	-125.976	98	98.864	3.55E+04	11.43	31.09	1024.11	23.66	23.66	80.2	1	0.93	3.03	2.12	8.97	6.28	92.4	33.8
49.32967	-125.976	99	99.872	3.55E+04	11.43	31.09	1024.11	23.66	23.66	80.2	1	0.93	3.01	2.11	8.97	6.28	92.0	33.6
49.32967	-125.976	100	100.883	3.55E+04	11.43	31.10	1024.12	23.66	23.66	80.2	1	0.95	3.02	2.11	8.97	6.28	92.1	33.6
49.32967	-125.976	101	101.89	3.55E+04	11.44	31.10	1024.12	23.66	23.66	80.1	1	0.95	3.03	2.12	8.97	6.28	92.6	33.8
49.32967	-125.976	102	102.902	3.55E+04	11.44	31.10	1024.13	23.66	23.66	80.2	1	0.97	3.05	2.13	8.97	6.28	93.1	34.0
49.32967	-125.976	103	103.909	3.55E+04	11.44	31.10	1024.13	23.66	23.66	80.2	1	0.94	3.06	2.14	8.97	6.28	93.3	34.1

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.32967	-125.976	104	104.917	3.55E+04	11.44	31.10	1024.14	23.67	23.66	80.1	1	0.97	3.08	2.16	8.97	6.28	94.1	34.4
49.32967	-125.976	105	105.927	3.56E+04	11.46	31.10	1024.14	23.67	23.66	80.2	1	0.92	3.14	2.20	8.97	6.27	95.9	35.0
49.32967	-125.976	106	106.934	3.56E+04	11.46	31.11	1024.15	23.67	23.66	80.2	1	0.95	3.19	2.23	8.96	6.27	97.4	35.6
49.32967	-125.976	107	107.947	3.56E+04	11.47	31.11	1024.15	23.67	23.66	80.2	1	0.95	3.24	2.27	8.96	6.27	98.9	36.2
49.32967	-125.976	108	108.958	3.56E+04	11.48	31.11	1024.16	23.67	23.67	80.1	1	0.91	3.30	2.31	8.96	6.27	100.8	36.9
49.32967	-125.976	109	109.963	3.56E+04	11.48	31.11	1024.16	23.67	23.67	80.1	1	0.93	3.30	2.31	8.96	6.27	100.8	36.8
49.32967	-125.976	110	110.974	3.56E+04	11.47	31.11	1024.17	23.67	23.67	80.1	1	0.93	3.28	2.30	8.96	6.27	100.1	36.6
49.32967	-125.976	111	111.981	3.56E+04	11.46	31.11	1024.18	23.67	23.67	80.1	1	0.95	3.26	2.28	8.96	6.27	99.5	36.4
49.32967	-125.976	112	112.989	3.56E+04	11.46	31.11	1024.18	23.67	23.67	80.0	1	0.93	3.25	2.27	8.96	6.27	99.1	36.2
49.32967	-125.976	113	114.001	3.56E+04	11.46	31.12	1024.19	23.67	23.67	79.9	1	0.93	3.24	2.26	8.96	6.27	98.8	36.1
49.32967	-125.976	114	115.01	3.56E+04	11.46	31.12	1024.19	23.68	23.67	80.0	1	0.97	3.23	2.26	8.96	6.27	98.7	36.0
49.32967	-125.976	115	116.028	3.56E+04	11.45	31.12	1024.20	23.68	23.67	79.8	1	0.96	3.21	2.24	8.97	6.27	97.8	35.7
49.32967	-125.976	116	117.025	3.55E+04	11.43	31.12	1024.21	23.68	23.68	79.8	1	0.95	3.13	2.19	8.97	6.28	95.6	34.9
49.32967	-125.976	117	118.04	3.55E+04	11.43	31.12	1024.21	23.68	23.68	79.7	1	0.97	3.09	2.16	8.97	6.28	94.2	34.4
49.32967	-125.976	118	119.043	3.55E+04	11.43	31.12	1024.22	23.68	23.68	79.6	1	0.95	3.07	2.14	8.97	6.28	93.6	34.2
49.32967	-125.976	119	120.053	3.55E+04	11.43	31.12	1024.22	23.68	23.68	79.5	1	0.95	3.05	2.14	8.97	6.28	93.2	34.0
49.32967	-125.976	120	121.065	3.55E+04	11.42	31.12	1024.23	23.69	23.68	79.5	1	0.95	3.05	2.13	8.97	6.28	93.1	34.0
49.32967	-125.976	121	122.079	3.56E+04	11.42	31.13	1024.24	23.69	23.69	79.4	1	0.96	3.05	2.14	8.97	6.28	93.2	34.0
49.32967	-125.976	122	123.079	3.56E+04	11.43	31.14	1024.25	23.69	23.69	79.4	1	0.95	3.10	2.17	8.97	6.28	94.5	34.5
49.32967	-125.976	123	124.091	3.56E+04	11.44	31.14	1024.25	23.70	23.69	79.3	1	0.95	3.14	2.20	8.97	6.27	95.9	35.0
49.32967	-125.976	124	125.117	3.56E+04	11.45	31.14	1024.26	23.70	23.69	79.3	1	0.94	3.21	2.24	8.96	6.27	97.9	35.8
49.32967	-125.976	125	126.113	3.56E+04	11.47	31.15	1024.27	23.70	23.70	79.3	1	0.97	3.30	2.31	8.96	6.27	100.8	36.8
49.32967	-125.976	126	127.116	3.56E+04	11.49	31.16	1024.27	23.70	23.70	79.4	1	0.94	3.40	2.38	8.96	6.27	103.7	37.9
49.32967	-125.976	127	128.132	3.56E+04	11.49	31.16	1024.28	23.70	23.70	79.5	1	0.95	3.45	2.41	8.96	6.27	105.3	38.5
49.32967	-125.976	128	129.133	3.56E+04	11.49	31.16	1024.28	23.70	23.70	79.5	1	0.99	3.48	2.43	8.96	6.27	106.2	38.8

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation36 145mz 15:24h 8/21/05																		
49.36233	-125.95	2	2.173	3.58E+04	13.74	29.52	1022.02	22.01	22.01	72.9	2650	2.68	8.34	5.84	8.63	6.04	251.2	95.2
49.36233	-125.95	3	2.997	3.53E+04	12.92	29.74	1022.35	22.33	22.33	75.5	1999	2.89	8.25	5.77	8.76	6.13	251.1	93.7
49.36233	-125.95	4	4.037	3.53E+04	12.66	29.92	1022.55	22.53	22.53	76.3	1397	4.28	8.15	5.70	8.80	6.16	248.9	92.5
49.36233	-125.95	5	5.038	3.54E+04	12.58	30.05	1022.66	22.64	22.64	74.1	1039	7.58	7.79	5.45	8.81	6.16	237.3	88.1
49.36233	-125.95	6	6.059	3.53E+04	12.40	30.12	1022.76	22.73	22.73	75.3	765	7.38	7.16	5.01	8.84	6.19	218.8	81.0
49.36233	-125.95	7	7.06	3.53E+04	12.40	30.17	1022.80	22.77	22.77	76.5	566	6.37	6.73	4.71	8.84	6.18	205.3	76.0
49.36233	-125.95	8	8.072	3.53E+04	12.34	30.21	1022.84	22.81	22.81	77.8	434	5.61	6.31	4.42	8.85	6.19	191.3	70.8
49.36233	-125.95	9	9.076	3.51E+04	12.11	30.19	1022.88	22.84	22.84	79.1	338	4.69	5.88	4.12	8.89	6.22	177.5	65.4
49.36233	-125.95	10	10.085	3.47E+04	11.59	30.17	1022.96	22.91	22.91	79.7	263	4.45	5.48	3.84	8.99	6.29	164.9	60.0
49.36233	-125.95	11	11.093	3.42E+04	11.03	30.15	1023.05	23.00	23.00	80.9	208	3.59	4.83	3.38	9.10	6.37	146.3	52.6
49.36233	-125.95	12	12.104	3.39E+04	10.68	30.14	1023.10	23.05	23.05	82.1	168	2.87	4.37	3.06	9.17	6.42	132.8	47.4
49.36233	-125.95	13	13.111	3.37E+04	10.48	30.14	1023.14	23.08	23.08	82.7	138	2.49	4.06	2.84	9.21	6.45	123.7	43.9
49.36233	-125.95	14	14.12	3.36E+04	10.35	30.17	1023.19	23.13	23.13	83.2	116	2.15	3.85	2.69	9.24	6.46	117.3	41.6
49.36233	-125.95	15	15.128	3.36E+04	10.29	30.20	1023.22	23.16	23.16	83.5	97	2.00	3.67	2.57	9.25	6.47	112.0	39.6
49.36233	-125.95	16	16.138	3.36E+04	10.25	30.22	1023.26	23.18	23.18	83.6	82	1.87	3.44	2.40	9.26	6.48	105.0	37.1
49.36233	-125.95	17	17.151	3.36E+04	10.25	30.27	1023.29	23.22	23.22	83.7	69	1.81	3.17	2.22	9.25	6.47	97.0	34.3
49.36233	-125.95	18	18.152	3.37E+04	10.28	30.31	1023.33	23.24	23.24	83.8	59	1.73	2.99	2.09	9.25	6.47	91.4	32.4
49.36233	-125.95	19	19.163	3.37E+04	10.31	30.32	1023.34	23.25	23.25	83.7	50	1.70	2.87	2.01	9.24	6.46	87.8	31.1
49.36233	-125.95	20	20.172	3.38E+04	10.32	30.35	1023.37	23.27	23.27	83.8	42	1.66	2.74	1.91	9.23	6.46	83.8	29.7
49.36233	-125.95	21	21.179	3.39E+04	10.40	30.43	1023.41	23.32	23.32	83.8	37	1.56	2.42	1.69	9.21	6.45	74.1	26.3
49.36233	-125.95	22	22.193	3.41E+04	10.54	30.51	1023.46	23.36	23.36	83.8	32	1.36	2.19	1.53	9.18	6.42	66.9	23.9
49.36233	-125.95	23	23.194	3.43E+04	10.62	30.57	1023.50	23.39	23.39	83.8	28	1.21	1.94	1.36	9.16	6.41	59.4	21.2
49.36233	-125.95	24	24.205	3.43E+04	10.64	30.60	1023.53	23.42	23.42	83.7	25	1.08	1.47	1.03	9.16	6.41	45.0	16.1
49.36233	-125.95	25	25.216	3.43E+04	10.62	30.63	1023.55	23.44	23.44	83.8	23	0.99	0.98	0.69	9.16	6.41	29.9	10.7
49.36233	-125.95	26	26.231	3.44E+04	10.66	30.65	1023.57	23.45	23.45	83.8	21	0.99	0.78	0.55	9.15	6.40	23.9	8.5
49.36233	-125.95	27	27.231	3.45E+04	10.76	30.69	1023.59	23.46	23.46	83.8	17	0.95	0.94	0.66	9.13	6.39	28.8	10.3
49.36233	-125.95	28	28.245	3.47E+04	10.89	30.74	1023.61	23.48	23.48	83.5	14	0.93	1.19	0.83	9.10	6.37	36.3	13.1
49.36233	-125.95	29	29.25	3.47E+04	10.94	30.76	1023.62	23.49	23.49	83.0	12	0.94	1.34	0.94	9.09	6.36	40.9	14.7
49.36233	-125.95	30	30.256	3.48E+04	10.96	30.77	1023.63	23.49	23.49	82.9	11	0.93	1.45	1.01	9.08	6.35	44.2	15.9
49.36233	-125.95	31	31.267	3.48E+04	10.99	30.78	1023.64	23.50	23.50	82.8	9	0.96	1.54	1.08	9.08	6.35	47.1	17.0
49.36233	-125.95	32	32.276	3.48E+04	11.03	30.80	1023.65	23.50	23.50	82.7	8	0.92	1.67	1.17	9.07	6.34	51.0	18.4
49.36233	-125.95	33	33.285	3.49E+04	11.08	30.82	1023.66	23.51	23.51	82.7	7	0.93	1.80	1.26	9.06	6.34	55.1	19.9
49.36233	-125.95	34	34.294	3.50E+04	11.12	30.84	1023.67	23.52	23.52	82.6	6	0.92	1.95	1.36	9.05	6.33	59.6	21.6
49.36233	-125.95	35	35.301	3.50E+04	11.16	30.86	1023.69	23.53	23.53	82.5	5	0.92	2.07	1.45	9.04	6.32	63.2	22.9

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.36233	-125.95	36	36.308	3.51E+04	11.19	30.88	1023.70	23.54	23.53	82.3	5	0.90	2.18	1.52	9.03	6.32	66.6	24.1
49.36233	-125.95	37	37.318	3.51E+04	11.22	30.90	1023.71	23.54	23.54	82.2	4	0.93	2.29	1.60	9.02	6.31	69.8	25.3
49.36233	-125.95	38	38.318	3.51E+04	11.24	30.90	1023.72	23.55	23.55	82.1	4	0.92	2.35	1.64	9.02	6.31	71.6	26.0
49.36233	-125.95	39	39.338	3.51E+04	11.24	30.91	1023.73	23.55	23.55	82.1	3	0.92	2.34	1.64	9.02	6.31	71.5	26.0
49.36233	-125.95	40	40.35	3.51E+04	11.24	30.91	1023.73	23.55	23.55	81.9	3	0.92	2.26	1.58	9.02	6.31	69.1	25.1
49.36233	-125.95	41	41.354	3.51E+04	11.23	30.91	1023.74	23.56	23.56	81.8	3	0.92	2.16	1.51	9.02	6.31	65.9	23.9
49.36233	-125.95	42	42.365	3.52E+04	11.24	30.92	1023.75	23.56	23.56	81.8	2	0.92	2.15	1.50	9.02	6.31	65.6	23.8
49.36233	-125.95	43	43.371	3.52E+04	11.25	30.93	1023.76	23.57	23.57	81.8	2	0.93	2.14	1.50	9.02	6.31	65.3	23.7
49.36233	-125.95	44	44.39	3.51E+04	11.23	30.93	1023.77	23.57	23.57	81.7	2	0.92	2.07	1.45	9.02	6.31	63.2	23.0
49.36233	-125.95	45	45.386	3.51E+04	11.21	30.93	1023.78	23.57	23.57	81.8	2	0.94	1.97	1.38	9.02	6.31	60.2	21.8
49.36233	-125.95	46	46.405	3.51E+04	11.19	30.93	1023.79	23.58	23.58	81.7	2	0.94	1.87	1.31	9.03	6.32	57.1	20.7
49.36233	-125.95	47	47.406	3.51E+04	11.18	30.93	1023.79	23.58	23.58	81.8	2	0.94	1.73	1.21	9.03	6.32	52.9	19.2
49.36233	-125.95	48	48.416	3.51E+04	11.15	30.93	1023.80	23.58	23.58	81.9	2	0.96	1.55	1.09	9.04	6.32	47.4	17.2
49.36233	-125.95	49	49.427	3.51E+04	11.14	30.93	1023.81	23.59	23.59	81.9	2	0.94	1.47	1.03	9.04	6.32	44.8	16.2
49.36233	-125.95	50	50.44	3.51E+04	11.15	30.94	1023.82	23.59	23.59	82.0	2	0.98	1.50	1.05	9.03	6.32	45.8	16.6
49.36233	-125.95	51	51.443	3.51E+04	11.17	30.95	1023.82	23.59	23.59	82.0	2	0.95	1.57	1.10	9.03	6.32	47.9	17.4
49.36233	-125.95	52	52.449	3.51E+04	11.17	30.95	1023.83	23.59	23.59	82.0	1	0.93	1.61	1.12	9.03	6.32	49.1	17.8
49.36233	-125.95	53	53.463	3.51E+04	11.18	30.95	1023.84	23.60	23.59	81.9	1	0.95	1.63	1.14	9.03	6.32	49.6	18.0
49.36233	-125.95	54	54.469	3.51E+04	11.18	30.95	1023.84	23.60	23.60	82.0	1	0.96	1.62	1.14	9.03	6.32	49.5	18.0
49.36233	-125.95	55	55.481	3.51E+04	11.15	30.95	1023.85	23.60	23.60	82.0	1	0.93	1.55	1.08	9.03	6.32	47.2	17.1
49.36233	-125.95	56	56.49	3.51E+04	11.14	30.95	1023.86	23.60	23.60	82.0	1	0.95	1.42	0.99	9.04	6.32	43.2	15.7
49.36233	-125.95	57	57.492	3.51E+04	11.12	30.95	1023.86	23.61	23.60	82.0	1	0.93	1.30	0.91	9.04	6.33	39.8	14.4
49.36233	-125.95	58	58.508	3.51E+04	11.12	30.96	1023.87	23.61	23.61	82.1	1	0.94	1.28	0.90	9.04	6.32	39.2	14.2
49.36233	-125.95	59	59.517	3.51E+04	11.13	30.96	1023.88	23.61	23.61	82.0	1	0.93	1.29	0.90	9.04	6.32	39.3	14.3
49.36233	-125.95	60	60.521	3.51E+04	11.14	30.96	1023.88	23.61	23.61	82.0	1	0.94	1.35	0.95	9.04	6.32	41.3	15.0
49.36233	-125.95	61	61.533	3.52E+04	11.19	30.98	1023.89	23.62	23.61	82.0	1	0.93	1.55	1.09	9.02	6.31	47.5	17.2
49.36233	-125.95	62	62.542	3.52E+04	11.22	30.99	1023.90	23.62	23.62	81.7	1	0.91	1.71	1.20	9.02	6.31	52.2	19.0
49.36233	-125.95	63	63.549	3.52E+04	11.23	31.00	1023.91	23.62	23.62	81.5	1	0.93	1.79	1.25	9.02	6.31	54.5	19.8
49.36233	-125.95	64	64.562	3.52E+04	11.23	31.00	1023.92	23.63	23.62	81.5	1	0.94	1.81	1.26	9.02	6.31	55.2	20.0
49.36233	-125.95	65	65.567	3.53E+04	11.25	31.01	1023.92	23.63	23.63	81.5	1	0.93	1.87	1.31	9.01	6.31	57.0	20.7
49.36233	-125.95	66	66.576	3.52E+04	11.23	31.01	1023.93	23.63	23.63	81.4	1	0.94	1.85	1.29	9.01	6.31	56.4	20.5
49.36233	-125.95	67	67.584	3.52E+04	11.20	31.00	1023.94	23.63	23.63	81.4	1	0.94	1.75	1.23	9.02	6.31	53.4	19.4
49.36233	-125.95	68	68.595	3.52E+04	11.20	31.01	1023.94	23.63	23.63	81.5	1	0.93	1.66	1.16	9.02	6.31	50.6	18.4
49.36233	-125.95	69	69.604	3.52E+04	11.20	31.01	1023.95	23.63	23.63	81.5	1	0.94	1.62	1.14	9.02	6.31	49.5	18.0
49.36233	-125.95	70	70.613	3.52E+04	11.21	31.01	1023.96	23.64	23.64	81.4	1	0.96	1.62	1.14	9.02	6.31	49.6	18.0
49.36233	-125.95	71	71.623	3.52E+04	11.22	31.02	1023.96	23.64	23.64	81.3	1	0.94	1.66	1.16	9.02	6.31	50.6	18.4

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.36233	-125.95	72	72.629	3.53E+04	11.22	31.02	1023.97	23.64	23.64	81.1	1	0.93	1.68	1.17	9.02	6.31	51.3	18.6
49.36233	-125.95	73	73.638	3.53E+04	11.23	31.03	1023.97	23.64	23.64	81.0	1	0.93	1.71	1.20	9.01	6.31	52.1	19.0
49.36233	-125.95	74	74.647	3.53E+04	11.25	31.03	1023.98	23.65	23.64	81.0	1	0.94	1.78	1.25	9.01	6.31	54.4	19.8
49.36233	-125.95	75	75.658	3.53E+04	11.25	31.03	1023.99	23.65	23.64	80.9	1	0.98	1.81	1.27	9.01	6.30	55.1	20.0
49.36233	-125.95	76	76.667	3.52E+04	11.20	31.02	1023.99	23.65	23.65	80.8	1	0.93	1.72	1.21	9.02	6.31	52.6	19.1
49.36233	-125.95	77	77.678	3.52E+04	11.20	31.03	1024.00	23.65	23.65	81.0	1	0.96	1.69	1.18	9.02	6.31	51.6	18.8
49.36233	-125.95	78	78.69	3.52E+04	11.19	31.03	1024.01	23.65	23.65	81.0	1	0.96	1.65	1.15	9.02	6.31	50.4	18.3
49.36233	-125.95	79	79.695	3.52E+04	11.18	31.02	1024.01	23.65	23.65	80.9	1	0.96	1.59	1.11	9.02	6.31	48.5	17.6
49.36233	-125.95	80	80.701	3.52E+04	11.17	31.02	1024.02	23.65	23.65	80.8	1	0.95	1.54	1.08	9.03	6.32	47.0	17.0
49.36233	-125.95	81	81.712	3.52E+04	11.18	31.03	1024.02	23.65	23.65	80.8	1	0.94	1.53	1.07	9.02	6.31	46.8	17.0
49.36233	-125.95	82	82.718	3.52E+04	11.19	31.03	1024.03	23.66	23.65	80.6	1	0.94	1.56	1.09	9.02	6.31	47.6	17.3
49.36233	-125.95	83	83.729	3.52E+04	11.19	31.03	1024.03	23.66	23.66	80.5	1	0.94	1.58	1.10	9.02	6.31	48.2	17.5
49.36233	-125.95	84	84.729	3.52E+04	11.19	31.03	1024.04	23.66	23.66	80.4	1	0.96	1.59	1.11	9.02	6.31	48.5	17.6
49.36233	-125.95	85	85.747	3.52E+04	11.19	31.03	1024.04	23.66	23.66	80.4	1	0.96	1.57	1.10	9.02	6.31	47.9	17.4
49.36233	-125.95	86	86.758	3.52E+04	11.18	31.03	1024.05	23.66	23.66	80.4	1	0.98	1.51	1.06	9.02	6.31	46.0	16.7
49.36233	-125.95	87	87.765	3.52E+04	11.14	31.03	1024.06	23.66	23.66	80.2	1	0.97	1.39	0.97	9.03	6.32	42.3	15.3
49.36233	-125.95	88	88.775	3.52E+04	11.14	31.03	1024.06	23.66	23.66	79.9	1	0.94	1.31	0.92	9.03	6.32	40.0	14.5
49.36233	-125.95	89	89.784	3.52E+04	11.13	31.03	1024.07	23.66	23.66	79.7	1	0.94	1.23	0.86	9.03	6.32	37.5	13.6
49.36233	-125.95	90	90.789	3.52E+04	11.11	31.02	1024.07	23.66	23.66	79.6	1	0.96	1.15	0.80	9.04	6.32	35.0	12.7
49.36233	-125.95	91	91.801	3.51E+04	11.10	31.02	1024.08	23.66	23.66	79.6	1	0.97	1.07	0.75	9.04	6.33	32.5	11.8
49.36233	-125.95	92	92.812	3.51E+04	11.08	31.02	1024.08	23.66	23.66	79.7	1	0.97	0.98	0.68	9.04	6.33	29.8	10.8
49.36233	-125.95	93	93.821	3.51E+04	11.07	31.02	1024.09	23.67	23.66	79.7	1	0.97	0.91	0.64	9.05	6.33	27.7	10.0
49.36233	-125.95	94	94.827	3.51E+04	11.06	31.02	1024.09	23.67	23.66	79.6	1	0.97	0.86	0.60	9.05	6.33	26.1	9.5
49.36233	-125.95	95	95.838	3.51E+04	11.06	31.02	1024.10	23.67	23.67	79.6	1	0.98	0.83	0.58	9.05	6.33	25.3	9.2
49.36233	-125.95	96	96.849	3.51E+04	11.07	31.02	1024.10	23.67	23.67	79.5	1	0.99	0.85	0.59	9.05	6.33	26.0	9.4
49.36233	-125.95	97	97.855	3.52E+04	11.11	31.03	1024.11	23.67	23.67	78.5	1	0.98	0.99	0.69	9.04	6.32	30.3	11.0
49.36233	-125.95	98	98.866	3.52E+04	11.13	31.04	1024.12	23.67	23.67	79.0	1	0.96	1.11	0.78	9.03	6.32	33.9	12.3
49.36233	-125.95	99	99.873	3.52E+04	11.13	31.04	1024.12	23.67	23.67	78.9	1	0.98	1.17	0.82	9.03	6.32	35.6	12.9
49.36233	-125.95	100	100.882	3.52E+04	11.13	31.04	1024.13	23.67	23.67	79.0	1	0.99	1.19	0.83	9.03	6.32	36.2	13.1
49.36233	-125.95	101	101.893	3.52E+04	11.13	31.04	1024.13	23.67	23.67	78.9	1	0.98	1.20	0.84	9.03	6.32	36.6	13.3
49.36233	-125.95	102	102.902	3.52E+04	11.13	31.04	1024.14	23.67	23.67	79.0	1	0.96	1.19	0.83	9.03	6.32	36.3	13.2
49.36233	-125.95	103	103.91	3.52E+04	11.12	31.04	1024.14	23.67	23.67	79.0	1	0.97	1.15	0.81	9.03	6.32	35.1	12.7
49.36233	-125.95	104	104.914	3.52E+04	11.12	31.04	1024.15	23.67	23.67	78.8	1	0.98	1.11	0.78	9.03	6.32	34.0	12.3
49.36233	-125.95	105	105.926	3.52E+04	11.12	31.04	1024.15	23.67	23.67	78.7	1	0.98	1.08	0.76	9.04	6.32	33.1	12.0
49.36233	-125.95	106	106.938	3.52E+04	11.11	31.03	1024.15	23.67	23.67	78.6	1	1.00	1.04	0.73	9.04	6.32	31.8	11.5
49.36233	-125.95	107	107.95	3.52E+04	11.10	31.03	1024.16	23.67	23.67	78.6	1	0.99	0.99	0.70	9.04	6.32	30.3	11.0

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.36233	-125.95	108	108.95	3.52E+04	11.10	31.03	1024.16	23.67	23.67	78.5	1	0.97	0.98	0.68	9.04	6.32	29.9	10.8
49.36233	-125.95	109	109.962	3.52E+04	11.12	31.04	1024.17	23.68	23.67	78.5	1	0.98	1.06	0.74	9.03	6.32	32.5	11.8
49.36233	-125.95	110	110.975	3.52E+04	11.15	31.05	1024.18	23.68	23.67	78.4	1	1.01	1.19	0.83	9.03	6.32	36.4	13.2
49.36233	-125.95	111	111.983	3.52E+04	11.16	31.05	1024.18	23.68	23.67	78.6	1	0.98	1.30	0.91	9.03	6.32	39.7	14.4
49.36233	-125.95	112	112.992	3.53E+04	11.18	31.06	1024.19	23.68	23.67	78.7	1	0.94	1.40	0.98	9.02	6.31	42.8	15.5
49.36233	-125.95	113	113.995	3.53E+04	11.19	31.06	1024.19	23.68	23.68	78.8	1	0.97	1.49	1.05	9.02	6.31	45.6	16.6
49.36233	-125.95	114	115.011	3.53E+04	11.21	31.07	1024.20	23.68	23.68	78.8	1	0.98	1.59	1.11	9.02	6.31	48.6	17.7
49.36233	-125.95	115	116.019	3.53E+04	11.22	31.07	1024.20	23.68	23.68	78.8	1	0.99	1.65	1.16	9.01	6.31	50.4	18.3
49.36233	-125.95	116	117.029	3.53E+04	11.22	31.07	1024.21	23.68	23.68	78.8	1	0.94	1.69	1.18	9.01	6.31	51.5	18.7
49.36233	-125.95	117	118.038	3.53E+04	11.23	31.07	1024.21	23.68	23.68	78.8	1	1.00	1.71	1.20	9.01	6.31	52.1	18.9
49.36233	-125.95	118	119.047	3.53E+04	11.21	31.07	1024.22	23.68	23.68	78.7	1	0.97	1.72	1.20	9.01	6.31	52.5	19.1
49.36233	-125.95	119	120.056	3.53E+04	11.24	31.08	1024.22	23.68	23.68	78.6	1	0.97	1.80	1.26	9.01	6.30	54.9	20.0
49.36233	-125.95	120	121.069	3.53E+04	11.24	31.07	1024.23	23.68	23.68	78.7	1	0.97	1.79	1.25	9.01	6.30	54.7	19.9
49.36233	-125.95	121	122.078	3.53E+04	11.23	31.08	1024.24	23.69	23.68	78.5	1	1.01	1.80	1.26	9.01	6.31	54.9	19.9
49.36233	-125.95	122	123.083	3.54E+04	11.27	31.09	1024.24	23.69	23.68	77.9	1	1.01	1.90	1.33	9.00	6.30	58.0	21.1
49.36233	-125.95	123	124.093	3.53E+04	11.24	31.08	1024.25	23.69	23.68	78.2	1	1.01	1.82	1.27	9.01	6.30	55.5	20.2
49.36233	-125.95	124	125.1	3.53E+04	11.22	31.08	1024.25	23.69	23.69	77.6	1	1.01	1.67	1.17	9.01	6.31	51.1	18.6
49.36233	-125.95	125	126.112	3.53E+04	11.21	31.08	1024.26	23.69	23.69	76.9	1	1.01	1.54	1.08	9.01	6.31	47.0	17.1
49.36233	-125.95	126	127.128	3.53E+04	11.21	31.08	1024.26	23.69	23.69	76.1	1	1.03	1.45	1.01	9.01	6.31	44.2	16.1
49.36233	-125.95	127	128.131	3.53E+04	11.21	31.08	1024.27	23.69	23.69	75.2	1	1.05	1.39	0.97	9.01	6.31	42.3	15.4
49.36233	-125.95	128	129.135	3.53E+04	11.20	31.08	1024.27	23.69	23.69	75.0	1	1.03	1.35	0.94	9.02	6.31	41.2	15.0
49.36233	-125.95	129	130.143	3.53E+04	11.22	31.09	1024.28	23.69	23.69	74.9	1	1.03	1.45	1.01	9.01	6.31	44.3	16.1
49.36233	-125.95	130	131.161	3.54E+04	11.26	31.10	1024.29	23.70	23.70	75.4	1	1.03	1.71	1.20	9.00	6.30	52.3	19.0
49.36233	-125.95	131	132.167	3.55E+04	11.34	31.13	1024.30	23.71	23.71	76.3	1	0.99	2.21	1.55	8.99	6.29	67.7	24.7
49.36233	-125.95	132	133.18	3.56E+04	11.41	31.15	1024.31	23.71	23.71	77.7	1	0.98	2.67	1.87	8.97	6.28	81.4	29.7
49.36233	-125.95	133	134.195	3.56E+04	11.44	31.16	1024.32	23.71	23.71	78.8	1	0.94	2.94	2.06	8.97	6.27	89.9	32.9
49.36233	-125.95	134	135.199	3.56E+04	11.46	31.17	1024.32	23.72	23.71	79.1	1	0.94	3.11	2.18	8.96	6.27	95.1	34.8
49.36233	-125.95	135	136.19	3.56E+04	11.47	31.17	1024.33	23.72	23.72	79.3	1	0.94	3.27	2.29	8.96	6.27	99.9	36.5
49.36233	-125.95	136	137.212	3.56E+04	11.46	31.17	1024.34	23.72	23.72	79.1	1	0.96	3.25	2.27	8.96	6.27	99.2	36.3
49.36233	-125.95	137	138.219	3.56E+04	11.46	31.17	1024.34	23.72	23.72	78.9	1	0.96	3.22	2.25	8.96	6.27	98.3	35.9
49.36233	-125.95	138	139.229	3.56E+04	11.46	31.17	1024.35	23.72	23.72	78.7	1	0.96	3.20	2.24	8.96	6.27	97.8	35.7
49.36233	-125.95	139	140.237	3.57E+04	11.47	31.18	1024.35	23.72	23.72	78.8	1	1.00	3.25	2.27	8.96	6.27	99.2	36.3

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation37132mz15:57h8/21/05																		
49.393	-125.939	2	2.238	3.56E+04	14.90	28.47	1020.97	20.96	20.96	72.1	1433	4.50	8.49	5.94	8.48	5.93	251.7	97.0
49.393	-125.939	3	3.031	3.51E+04	12.96	29.49	1022.15	22.14	22.14	73.7	1097	4.31	8.46	5.92	8.77	6.14	253.4	94.5
49.393	-125.939	4	4.039	3.44E+04	11.76	29.81	1022.62	22.60	22.60	76.1	795	5.88	8.05	5.63	8.98	6.28	244.1	89.0
49.393	-125.939	5	5.039	3.41E+04	11.32	29.87	1022.75	22.73	22.73	75.2	578	5.81	7.33	5.13	9.06	6.34	224.4	81.0
49.393	-125.939	6	6.052	3.43E+04	11.40	29.99	1022.83	22.81	22.81	76.8	437	5.04	6.49	4.54	9.04	6.33	198.8	72.0
49.393	-125.939	7	7.059	3.44E+04	11.47	30.05	1022.87	22.84	22.84	78.3	331	5.00	6.00	4.20	9.02	6.31	182.5	66.2
49.393	-125.939	8	8.067	3.43E+04	11.24	30.08	1022.94	22.90	22.90	79.2	255	4.50	5.37	3.76	9.07	6.34	163.0	58.9
49.393	-125.939	9	9.076	3.40E+04	10.96	30.09	1023.00	22.96	22.96	80.4	200	3.71	4.89	3.42	9.12	6.38	149.4	53.6
49.393	-125.939	10	10.087	3.40E+04	10.95	30.09	1023.01	22.96	22.96	81.2	157	3.52	4.65	3.25	9.12	6.38	141.4	50.7
49.393	-125.939	11	11.096	3.38E+04	10.73	30.07	1023.04	22.99	22.99	81.5	125	3.40	4.36	3.05	9.17	6.42	132.5	47.3
49.393	-125.939	12	12.105	3.37E+04	10.51	30.08	1023.09	23.03	23.03	81.8	101	2.94	3.98	2.79	9.21	6.45	121.2	43.1
49.393	-125.939	13	13.111	3.36E+04	10.36	30.11	1023.14	23.08	23.08	82.4	83	2.48	3.66	2.56	9.24	6.47	111.8	39.6
49.393	-125.939	14	14.123	3.35E+04	10.31	30.13	1023.16	23.10	23.10	83.0	68	2.35	3.49	2.44	9.25	6.47	106.4	37.7
49.393	-125.939	15	15.123	3.35E+04	10.27	30.15	1023.19	23.12	23.12	83.2	57	2.22	3.35	2.35	9.26	6.48	102.4	36.2
49.393	-125.939	16	16.138	3.35E+04	10.25	30.18	1023.22	23.15	23.15	83.4	48	2.07	3.22	2.25	9.26	6.48	98.3	34.8
49.393	-125.939	17	17.148	3.36E+04	10.25	30.22	1023.26	23.18	23.18	83.6	41	1.91	3.06	2.14	9.26	6.48	93.6	33.1
49.393	-125.939	18	18.154	3.36E+04	10.26	30.25	1023.28	23.20	23.20	83.7	35	1.82	2.94	2.05	9.25	6.47	89.7	31.7
49.393	-125.939	19	19.161	3.37E+04	10.27	30.27	1023.31	23.22	23.22	83.8	30	1.68	2.85	1.99	9.25	6.47	86.9	30.8
49.393	-125.939	20	20.172	3.37E+04	10.27	30.31	1023.34	23.25	23.25	83.8	26	1.60	2.67	1.87	9.25	6.47	81.7	28.9
49.393	-125.939	21	21.184	3.38E+04	10.31	30.36	1023.37	23.28	23.28	83.9	22	1.47	2.39	1.67	9.24	6.46	73.1	25.9
49.393	-125.939	22	22.192	3.39E+04	10.35	30.39	1023.40	23.30	23.30	84.1	19	1.42	2.12	1.48	9.23	6.46	64.7	23.0
49.393	-125.939	23	23.201	3.39E+04	10.39	30.43	1023.43	23.32	23.32	84.1	17	1.33	1.86	1.30	9.22	6.45	56.9	20.2
49.393	-125.939	24	24.207	3.40E+04	10.43	30.47	1023.46	23.35	23.35	84.0	15	1.26	1.60	1.12	9.21	6.44	49.0	17.4
49.393	-125.939	25	25.217	3.40E+04	10.46	30.49	1023.47	23.36	23.36	83.9	13	1.16	1.33	0.93	9.20	6.44	40.8	14.5
49.393	-125.939	26	26.226	3.41E+04	10.50	30.53	1023.50	23.38	23.38	84.0	11	1.13	1.00	0.70	9.19	6.43	30.7	10.9
49.393	-125.939	27	27.235	3.43E+04	10.60	30.62	1023.56	23.44	23.44	84.0	10	1.04	0.62	0.43	9.16	6.41	19.0	6.8
49.393	-125.939	28	28.241	3.44E+04	10.67	30.68	1023.60	23.47	23.47	84.1	9	0.89	0.43	0.30	9.15	6.40	13.0	4.7
49.393	-125.939	29	29.252	3.44E+04	10.69	30.70	1023.61	23.48	23.48	84.2	8	0.92	0.35	0.24	9.14	6.40	10.7	3.8
49.393	-125.939	30	30.257	3.45E+04	10.70	30.71	1023.63	23.49	23.49	84.1	7	0.92	0.30	0.21	9.14	6.39	9.1	3.3
49.393	-125.939	31	31.261	3.45E+04	10.72	30.72	1023.64	23.50	23.50	84.1	6	0.92	0.26	0.18	9.13	6.39	8.0	2.9
49.393	-125.939	32	32.276	3.46E+04	10.76	30.75	1023.66	23.51	23.51	83.7	6	0.94	0.25	0.18	9.12	6.38	7.7	2.8
49.393	-125.939	33	33.287	3.46E+04	10.78	30.77	1023.67	23.52	23.52	83.5	5	0.93	0.28	0.20	9.12	6.38	8.7	3.1
49.393	-125.939	34	34.295	3.46E+04	10.81	30.78	1023.68	23.52	23.52	83.4	5	0.96	0.32	0.23	9.11	6.37	9.9	3.5
49.393	-125.939	35	35.305	3.47E+04	10.85	30.79	1023.69	23.53	23.53	83.3	4	0.94	0.39	0.27	9.10	6.37	11.8	4.2

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.393	-125.939	36	36.312	3.47E+04	10.89	30.82	1023.70	23.54	23.54	83.1	4	0.97	0.47	0.33	9.09	6.36	14.3	5.2
49.393	-125.939	37	37.321	3.48E+04	10.93	30.84	1023.72	23.55	23.55	82.8	3	0.97	0.56	0.39	9.08	6.36	17.0	6.1
49.393	-125.939	38	38.333	3.48E+04	10.94	30.84	1023.72	23.55	23.55	82.7	3	0.96	0.60	0.42	9.08	6.35	18.4	6.6
49.393	-125.939	39	39.336	3.48E+04	10.95	30.85	1023.73	23.55	23.55	82.6	3	0.97	0.62	0.43	9.08	6.35	18.9	6.8
49.393	-125.939	40	40.348	3.48E+04	10.96	30.85	1023.74	23.56	23.56	82.6	3	0.98	0.62	0.43	9.08	6.35	18.8	6.8
49.393	-125.939	41	41.357	3.48E+04	10.94	30.85	1023.75	23.56	23.56	82.5	2	0.97	0.58	0.41	9.08	6.35	17.7	6.4
49.393	-125.939	42	42.363	3.48E+04	10.94	30.86	1023.75	23.56	23.56	82.5	2	0.96	0.55	0.39	9.08	6.35	17.0	6.1
49.393	-125.939	43	43.372	3.49E+04	11.00	30.89	1023.77	23.58	23.58	82.5	2	0.94	0.66	0.47	9.07	6.34	20.3	7.3
49.393	-125.939	44	44.387	3.49E+04	11.02	30.90	1023.78	23.58	23.58	82.4	2	0.97	0.74	0.52	9.06	6.34	22.6	8.2
49.393	-125.939	45	45.391	3.50E+04	11.04	30.91	1023.79	23.59	23.58	82.4	2	0.97	0.84	0.59	9.06	6.34	25.6	9.3
49.393	-125.939	46	46.402	3.50E+04	11.08	30.92	1023.80	23.59	23.59	82.4	2	0.98	1.00	0.70	9.05	6.33	30.7	11.1
49.393	-125.939	47	47.397	3.50E+04	11.10	30.93	1023.80	23.59	23.59	82.2	2	0.96	1.12	0.78	9.05	6.33	34.1	12.3
49.393	-125.939	48	48.42	3.50E+04	11.09	30.93	1023.81	23.59	23.59	82.2	2	0.94	1.13	0.79	9.05	6.33	34.5	12.5
49.393	-125.939	49	49.422	3.50E+04	11.06	30.92	1023.82	23.59	23.59	82.2	2	0.96	1.05	0.74	9.05	6.33	32.1	11.6
49.393	-125.939	50	50.432	3.50E+04	11.05	30.92	1023.82	23.60	23.59	82.3	2	0.96	0.97	0.68	9.05	6.34	29.6	10.7
49.393	-125.939	51	51.446	3.50E+04	11.06	30.93	1023.83	23.60	23.60	82.4	2	0.94	0.96	0.67	9.05	6.33	29.2	10.6
49.393	-125.939	52	52.455	3.50E+04	11.06	30.93	1023.84	23.60	23.60	82.3	1	0.93	0.96	0.67	9.05	6.33	29.2	10.6
49.393	-125.939	53	53.462	3.50E+04	11.06	30.93	1023.84	23.60	23.60	82.2	1	0.93	0.94	0.66	9.05	6.33	28.8	10.4
49.393	-125.939	54	54.467	3.50E+04	11.08	30.94	1023.85	23.61	23.61	82.2	1	0.94	1.00	0.70	9.05	6.33	30.6	11.1
49.393	-125.939	55	55.482	3.51E+04	11.12	30.96	1023.86	23.61	23.61	82.2	1	0.94	1.11	0.77	9.04	6.33	33.7	12.2
49.393	-125.939	56	56.487	3.51E+04	11.10	30.96	1023.87	23.61	23.61	82.2	1	0.95	1.01	0.71	9.04	6.33	30.8	11.2
49.393	-125.939	57	57.498	3.50E+04	11.05	30.95	1023.88	23.62	23.62	82.3	1	0.96	0.80	0.56	9.05	6.33	24.4	8.8
49.393	-125.939	58	58.505	3.50E+04	11.04	30.95	1023.88	23.62	23.62	82.4	1	0.97	0.73	0.51	9.05	6.34	22.2	8.0
49.393	-125.939	59	59.514	3.51E+04	11.07	30.96	1023.89	23.62	23.62	82.4	1	0.94	0.77	0.54	9.05	6.33	23.6	8.5
49.393	-125.939	60	60.526	3.51E+04	11.10	30.98	1023.90	23.63	23.63	82.2	1	0.97	0.86	0.60	9.04	6.33	26.1	9.5
49.393	-125.939	61	61.535	3.51E+04	11.12	30.99	1023.91	23.63	23.63	82.1	1	0.98	0.96	0.67	9.04	6.32	29.4	10.7
49.393	-125.939	62	62.547	3.51E+04	11.12	30.99	1023.92	23.64	23.63	81.9	1	0.96	1.00	0.70	9.04	6.32	30.4	11.0
49.393	-125.939	63	63.55	3.51E+04	11.12	30.99	1023.92	23.64	23.64	81.8	1	0.97	1.00	0.70	9.04	6.32	30.4	11.0
49.393	-125.939	64	64.554	3.51E+04	11.12	30.99	1023.93	23.64	23.64	81.7	1	0.97	0.98	0.69	9.04	6.32	30.0	10.9
49.393	-125.939	65	65.572	3.51E+04	11.11	30.99	1023.93	23.64	23.64	81.7	1	0.98	0.96	0.67	9.04	6.32	29.3	10.6
49.393	-125.939	66	66.582	3.51E+04	11.10	30.99	1023.94	23.64	23.64	81.6	1	0.96	0.90	0.63	9.04	6.33	27.6	10.0
49.393	-125.939	67	67.584	3.51E+04	11.09	30.99	1023.95	23.64	23.64	81.5	1	0.94	0.84	0.59	9.04	6.33	25.7	9.3
49.393	-125.939	68	68.599	3.51E+04	11.08	30.99	1023.95	23.64	23.64	81.5	1	0.97	0.81	0.57	9.04	6.33	24.8	9.0
49.393	-125.939	69	69.605	3.51E+04	11.10	31.00	1023.96	23.64	23.64	81.4	1	0.96	0.86	0.60	9.04	6.33	26.2	9.5
49.393	-125.939	70	70.614	3.51E+04	11.11	31.00	1023.96	23.64	23.64	81.3	1	0.95	0.92	0.65	9.04	6.33	28.2	10.2
49.393	-125.939	71	71.622	3.51E+04	11.11	31.00	1023.97	23.65	23.64	81.2	1	0.96	0.97	0.68	9.04	6.32	29.6	10.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.393	-125.939	72	72.631	3.51E+04	11.11	31.00	1023.97	23.65	23.64	81.1	1	0.96	0.96	0.67	9.04	6.32	29.3	10.6
49.393	-125.939	73	73.635	3.51E+04	11.08	31.00	1023.98	23.65	23.65	81.0	1	0.96	0.87	0.61	9.04	6.33	26.5	9.6
49.393	-125.939	74	74.649	3.51E+04	11.07	31.00	1023.98	23.65	23.65	80.9	1	0.99	0.80	0.56	9.05	6.33	24.4	8.8
49.393	-125.939	75	75.656	3.51E+04	11.07	31.00	1023.99	23.65	23.65	80.8	1	0.97	0.77	0.54	9.05	6.33	23.4	8.5
49.393	-125.939	76	76.668	3.51E+04	11.06	30.99	1023.99	23.65	23.65	80.8	1	0.98	0.71	0.50	9.05	6.33	21.8	7.9
49.393	-125.939	77	77.679	3.51E+04	11.04	30.99	1024.00	23.65	23.65	80.9	1	0.99	0.64	0.44	9.05	6.33	19.4	7.0
49.393	-125.939	78	78.684	3.50E+04	11.02	30.99	1024.01	23.65	23.65	80.9	1	0.97	0.55	0.38	9.06	6.34	16.8	6.1
49.393	-125.939	79	79.7	3.50E+04	11.01	30.99	1024.01	23.65	23.65	81.0	1	0.95	0.48	0.34	9.06	6.34	14.8	5.4
49.393	-125.939	80	80.703	3.50E+04	11.01	30.99	1024.02	23.65	23.65	80.9	1	0.96	0.44	0.31	9.06	6.34	13.3	4.8
49.393	-125.939	81	81.714	3.50E+04	11.00	30.99	1024.03	23.66	23.66	80.9	1	0.97	0.38	0.26	9.06	6.34	11.5	4.2
49.393	-125.939	82	82.72	3.50E+04	11.00	30.99	1024.03	23.66	23.66	80.9	1	1.00	0.32	0.22	9.06	6.34	9.7	3.5
49.393	-125.939	83	83.728	3.50E+04	10.99	30.99	1024.04	23.66	23.66	80.7	1	0.96	0.26	0.18	9.06	6.34	8.0	2.9
49.393	-125.939	84	84.739	3.50E+04	10.99	31.00	1024.05	23.66	23.66	80.7	1	1.00	0.22	0.15	9.06	6.34	6.6	2.4
49.393	-125.939	85	85.744	3.50E+04	10.99	31.00	1024.05	23.66	23.66	80.7	1	1.01	0.19	0.13	9.06	6.34	5.8	2.1
49.393	-125.939	86	86.76	3.50E+04	10.99	31.00	1024.06	23.67	23.66	80.5	1	1.01	0.17	0.12	9.06	6.34	5.3	1.9
49.393	-125.939	87	87.76	3.50E+04	11.00	31.01	1024.06	23.67	23.67	80.7	1	0.99	0.17	0.12	9.06	6.34	5.1	1.9
49.393	-125.939	88	88.779	3.50E+04	10.99	31.01	1024.07	23.67	23.67	80.5	1	1.01	0.17	0.12	9.06	6.34	5.3	1.9
49.393	-125.939	89	89.784	3.50E+04	10.99	31.01	1024.08	23.67	23.67	80.0	1	0.99	0.17	0.12	9.06	6.34	5.2	1.9
49.393	-125.939	90	90.79	3.50E+04	10.99	31.01	1024.08	23.67	23.67	79.6	1	0.99	0.16	0.11	9.06	6.34	5.0	1.8
49.393	-125.939	91	91.793	3.50E+04	10.99	31.01	1024.09	23.67	23.67	79.5	1	1.01	0.16	0.11	9.06	6.34	4.8	1.7
49.393	-125.939	92	92.811	3.50E+04	10.99	31.01	1024.09	23.67	23.67	79.4	1	0.99	0.15	0.11	9.06	6.34	4.6	1.7
49.393	-125.939	93	93.813	3.50E+04	10.99	31.01	1024.10	23.67	23.67	79.1	1	0.95	0.16	0.11	9.06	6.34	4.8	1.7
49.393	-125.939	94	94.827	3.51E+04	10.99	31.01	1024.10	23.67	23.67	79.0	1	0.95	0.17	0.12	9.06	6.34	5.3	1.9
49.393	-125.939	95	95.836	3.51E+04	11.00	31.01	1024.11	23.67	23.67	78.7	1	1.01	0.20	0.14	9.06	6.34	6.2	2.2
49.393	-125.939	96	96.849	3.51E+04	11.01	31.01	1024.11	23.67	23.67	78.5	1	1.00	0.22	0.16	9.06	6.34	6.8	2.5
49.393	-125.939	97	97.845	3.51E+04	11.01	31.01	1024.12	23.67	23.67	78.4	1	0.98	0.23	0.16	9.06	6.34	6.9	2.5
49.393	-125.939	98	98.864	3.51E+04	11.01	31.01	1024.12	23.67	23.67	78.3	1	0.98	0.23	0.16	9.06	6.34	6.9	2.5
49.393	-125.939	99	99.877	3.51E+04	11.01	31.01	1024.12	23.67	23.67	78.4	1	0.96	0.23	0.16	9.06	6.34	7.2	2.6
49.393	-125.939	100	100.882	3.51E+04	11.01	31.02	1024.13	23.67	23.67	78.3	1	0.98	0.24	0.17	9.06	6.34	7.4	2.7
49.393	-125.939	101	101.897	3.51E+04	11.01	31.02	1024.13	23.67	23.67	78.3	1	0.99	0.25	0.17	9.06	6.34	7.6	2.7
49.393	-125.939	102	102.904	3.51E+04	11.01	31.02	1024.14	23.67	23.67	78.3	1	1.00	0.26	0.18	9.06	6.34	7.8	2.8
49.393	-125.939	103	103.909	3.51E+04	11.02	31.02	1024.14	23.67	23.67	78.2	1	0.98	0.27	0.19	9.06	6.34	8.2	3.0
49.393	-125.939	104	104.926	3.51E+04	11.02	31.02	1024.15	23.67	23.67	78.2	1	1.01	0.28	0.19	9.06	6.34	8.4	3.1
49.393	-125.939	105	105.923	3.51E+04	11.02	31.02	1024.15	23.68	23.67	78.2	1	0.99	0.28	0.20	9.06	6.34	8.6	3.1
49.393	-125.939	106	106.937	3.51E+04	11.02	31.02	1024.16	23.68	23.67	78.1	1	1.00	0.29	0.21	9.06	6.34	9.0	3.2
49.393	-125.939	107	107.947	3.51E+04	11.02	31.02	1024.16	23.68	23.67	78.1	1	0.99	0.29	0.21	9.06	6.34	8.9	3.2

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.393	-125.939	108	108.958	3.51E+04	11.02	31.02	1024.17	23.68	23.67	78.1	1	0.96	0.30	0.21	9.06	6.34	9.0	3.3
49.393	-125.939	109	109.974	3.51E+04	11.03	31.02	1024.17	23.68	23.68	78.0	1	0.98	0.34	0.24	9.05	6.33	10.5	3.8
49.393	-125.939	110	110.968	3.51E+04	11.06	31.03	1024.18	23.68	23.68	77.7	1	1.01	0.43	0.30	9.05	6.33	13.2	4.8
49.393	-125.939	111	111.98	3.51E+04	11.05	31.03	1024.18	23.68	23.68	77.2	1	1.03	0.46	0.32	9.05	6.33	14.2	5.1
49.393	-125.939	112	112.994	3.51E+04	11.06	31.03	1024.19	23.68	23.68	77.2	1	1.00	0.50	0.35	9.05	6.33	15.4	5.6
49.393	-125.939	113	114.001	3.52E+04	11.07	31.04	1024.19	23.68	23.68	77.1	1	1.00	0.55	0.39	9.04	6.33	16.8	6.1
49.393	-125.939	114	115.013	3.52E+04	11.08	31.04	1024.20	23.68	23.68	77.0	1	1.02	0.59	0.41	9.04	6.33	18.0	6.5
49.393	-125.939	115	116.023	3.52E+04	11.08	31.04	1024.20	23.68	23.68	76.9	1	1.03	0.64	0.44	9.04	6.33	19.4	7.0
49.393	-125.939	116	117.031	3.52E+04	11.10	31.05	1024.21	23.68	23.68	76.8	1	1.03	0.73	0.51	9.04	6.32	22.4	8.1
49.393	-125.939	117	118.041	3.52E+04	11.13	31.05	1024.22	23.68	23.68	76.7	1	1.02	0.86	0.60	9.03	6.32	26.4	9.6
49.393	-125.939	118	119.047	3.52E+04	11.13	31.05	1024.22	23.68	23.68	76.7	1	1.02	0.92	0.64	9.03	6.32	28.0	10.1
49.393	-125.939	119	120.058	3.52E+04	11.15	31.06	1024.23	23.69	23.68	76.7	1	1.02	1.03	0.72	9.03	6.32	31.4	11.4
49.393	-125.939	120	121.067	3.53E+04	11.17	31.07	1024.23	23.69	23.68	76.7	1	1.02	1.15	0.81	9.02	6.31	35.2	12.8
49.393	-125.939	121	122.068	3.53E+04	11.18	31.07	1024.24	23.69	23.69	76.7	1	1.01	1.26	0.88	9.02	6.31	38.4	13.9
49.393	-125.939	122	123.1	3.53E+04	11.19	31.07	1024.24	23.69	23.68	76.8	1	1.00	1.31	0.92	9.02	6.31	40.0	14.5

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquotstation38headofherbert100mz16:26h8/21/05																		
49.4115	-125.906	2	2.271	3.48E+04	12.36	29.67	1022.39	22.38	22.38	69.0	782	7.88	9.02	6.31	8.87	6.21	273.4	100.8
49.4115	-125.906	3	3.027	3.45E+04	11.99	29.72	1022.50	22.49	22.49	73.4	552	6.43	9.04	6.33	8.94	6.26	274.8	100.5
49.4115	-125.906	4	4.035	3.43E+04	11.68	29.75	1022.59	22.57	22.57	75.7	359	6.27	9.05	6.34	9.00	6.30	275.3	100.1
49.4115	-125.906	5	5.043	3.41E+04	11.42	29.78	1022.66	22.64	22.64	76.4	248	7.53	8.88	6.21	9.05	6.33	270.5	97.9
49.4115	-125.906	6	6.05	3.40E+04	11.30	29.79	1022.70	22.67	22.67	75.7	179	7.55	8.77	6.14	9.07	6.35	267.2	96.4
49.4115	-125.906	7	7.06	3.39E+04	11.16	29.80	1022.74	22.70	22.70	75.4	132	7.06	8.75	6.12	9.10	6.37	266.5	95.9
49.4115	-125.906	8	8.072	3.38E+04	11.03	29.81	1022.77	22.73	22.73	76.1	98	6.69	8.45	5.91	9.12	6.38	257.7	92.4
49.4115	-125.906	9	9.075	3.38E+04	10.95	29.83	1022.81	22.77	22.76	76.3	75	7.53	7.84	5.49	9.14	6.39	240.1	86.0
49.4115	-125.906	10	10.09	3.39E+04	11.03	29.90	1022.84	22.80	22.80	75.7	58	7.48	6.85	4.79	9.12	6.38	208.0	74.7
49.4115	-125.906	11	11.089	3.37E+04	10.78	29.91	1022.90	22.85	22.85	75.9	45	5.67	6.02	4.21	9.17	6.42	183.2	65.4
49.4115	-125.906	12	12.105	3.36E+04	10.63	29.91	1022.93	22.88	22.87	77.9	35	6.15	5.54	3.88	9.20	6.44	169.1	60.2
49.4115	-125.906	13	13.107	3.35E+04	10.55	29.92	1022.96	22.90	22.90	78.3	27	6.65	5.18	3.62	9.21	6.45	157.9	56.1
49.4115	-125.906	14	14.119	3.35E+04	10.51	29.94	1022.99	22.92	22.92	78.3	22	6.19	4.75	3.33	9.22	6.45	144.8	51.4
49.4115	-125.906	15	15.131	3.34E+04	10.41	29.95	1023.01	22.94	22.94	78.8	18	5.50	4.39	3.07	9.24	6.47	133.8	47.4
49.4115	-125.906	16	16.138	3.34E+04	10.27	29.97	1023.06	22.99	22.98	79.7	14	5.44	3.97	2.78	9.27	6.48	121.0	42.8
49.4115	-125.906	17	17.141	3.34E+04	10.22	30.01	1023.10	23.02	23.02	80.0	12	5.30	3.61	2.53	9.27	6.49	110.4	39.0
49.4115	-125.906	18	18.156	3.34E+04	10.21	30.03	1023.12	23.04	23.04	80.5	10	4.68	3.39	2.37	9.28	6.49	103.5	36.5
49.4115	-125.906	19	19.165	3.34E+04	10.18	30.07	1023.16	23.07	23.07	80.6	8	5.14	3.10	2.17	9.28	6.49	94.7	33.4
49.4115	-125.906	20	20.174	3.34E+04	10.18	30.13	1023.22	23.12	23.12	80.8	7	4.95	2.83	1.98	9.28	6.49	86.4	30.5
49.4115	-125.906	21	21.176	3.35E+04	10.21	30.20	1023.27	23.17	23.17	80.9	6	5.50	2.61	1.83	9.26	6.48	79.9	28.2
49.4115	-125.906	22	22.192	3.36E+04	10.24	30.25	1023.31	23.21	23.21	80.7	5	6.12	2.45	1.72	9.26	6.48	75.0	26.5
49.4115	-125.906	23	23.201	3.37E+04	10.29	30.30	1023.35	23.24	23.24	80.5	4	5.97	2.24	1.57	9.24	6.47	68.5	24.2
49.4115	-125.906	24	24.207	3.38E+04	10.32	30.36	1023.39	23.28	23.27	80.4	4	5.84	2.05	1.43	9.23	6.46	62.6	22.2
49.4115	-125.906	25	25.219	3.39E+04	10.36	30.40	1023.42	23.31	23.31	80.7	3	4.42	1.82	1.27	9.22	6.45	55.6	19.7
49.4115	-125.906	26	26.209	3.39E+04	10.40	30.44	1023.45	23.33	23.33	81.4	3	2.90	1.56	1.09	9.21	6.45	47.8	17.0
49.4115	-125.906	27	27.233	3.40E+04	10.44	30.47	1023.47	23.35	23.35	82.2	3	2.54	1.30	0.91	9.20	6.44	39.9	14.2
49.4115	-125.906	28	28.244	3.41E+04	10.47	30.50	1023.49	23.36	23.36	82.5	3	2.43	1.07	0.75	9.20	6.43	32.7	11.6
49.4115	-125.906	29	29.25	3.41E+04	10.52	30.54	1023.52	23.39	23.39	82.4	2	2.81	0.80	0.56	9.18	6.43	24.4	8.7
49.4115	-125.906	30	30.257	3.42E+04	10.57	30.59	1023.55	23.41	23.41	82.2	2	2.95	0.56	0.39	9.17	6.42	17.1	6.1
49.4115	-125.906	31	31.271	3.43E+04	10.60	30.61	1023.57	23.43	23.43	82.5	2	2.34	0.42	0.29	9.16	6.41	12.8	4.6
49.4115	-125.906	32	32.279	3.44E+04	10.65	30.66	1023.61	23.46	23.46	82.8	2	2.31	0.34	0.24	9.15	6.40	10.4	3.7
49.4115	-125.906	33	33.271	3.45E+04	10.71	30.71	1023.64	23.48	23.48	82.9	2	2.11	0.30	0.21	9.14	6.39	9.0	3.2
49.4115	-125.906	34	34.29	3.45E+04	10.74	30.73	1023.65	23.50	23.50	82.9	2	2.11	0.26	0.18	9.13	6.39	8.1	2.9
49.4115	-125.906	35	35.304	3.46E+04	10.77	30.75	1023.67	23.51	23.51	82.8	2	2.04	0.25	0.17	9.12	6.38	7.5	2.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.4115	-125.906	36	36.316	3.46E+04	10.78	30.76	1023.68	23.51	23.51	82.9	2	1.73	0.23	0.16	9.12	6.38	7.1	2.5
49.4115	-125.906	37	37.302	3.46E+04	10.79	30.77	1023.69	23.52	23.52	83.1	2	1.85	0.22	0.16	9.11	6.38	6.8	2.4
49.4115	-125.906	38	38.324	3.46E+04	10.81	30.78	1023.70	23.52	23.52	83.1	2	1.54	0.21	0.15	9.11	6.38	6.4	2.3
49.4115	-125.906	39	39.333	3.47E+04	10.84	30.80	1023.72	23.54	23.54	83.2	2	1.56	0.20	0.14	9.10	6.37	6.3	2.3
49.4115	-125.906	40	40.335	3.47E+04	10.86	30.82	1023.73	23.55	23.55	83.3	1	1.38	0.20	0.14	9.10	6.37	6.1	2.2
49.4115	-125.906	41	41.353	3.47E+04	10.87	30.83	1023.74	23.55	23.55	83.3	1	1.32	0.20	0.14	9.10	6.36	6.1	2.2
49.4115	-125.906	42	42.355	3.48E+04	10.88	30.84	1023.75	23.56	23.56	83.3	1	1.50	0.19	0.14	9.09	6.36	6.0	2.1
49.4115	-125.906	43	43.362	3.48E+04	10.88	30.84	1023.76	23.56	23.56	83.4	1	1.32	0.20	0.14	9.09	6.36	6.0	2.1
49.4115	-125.906	44	44.387	3.48E+04	10.89	30.85	1023.76	23.56	23.56	83.4	1	1.19	0.20	0.14	9.09	6.36	6.1	2.2
49.4115	-125.906	45	45.378	3.48E+04	10.90	30.85	1023.77	23.57	23.57	83.3	1	1.32	0.20	0.14	9.09	6.36	6.1	2.2
49.4115	-125.906	46	46.394	3.48E+04	10.91	30.86	1023.78	23.57	23.57	83.4	1	1.47	0.19	0.13	9.09	6.36	5.9	2.1
49.4115	-125.906	47	47.412	3.48E+04	10.91	30.87	1023.79	23.57	23.57	83.3	1	1.50	0.19	0.13	9.09	6.36	5.7	2.1
49.4115	-125.906	48	48.401	3.48E+04	10.92	30.87	1023.80	23.58	23.58	83.5	1	1.43	0.19	0.13	9.08	6.36	5.7	2.1
49.4115	-125.906	49	49.42	3.48E+04	10.92	30.88	1023.80	23.58	23.58	83.5	1	1.62	0.19	0.13	9.08	6.36	5.9	2.1
49.4115	-125.906	50	50.433	3.49E+04	10.93	30.89	1023.81	23.59	23.58	83.5	1	1.37	0.22	0.16	9.08	6.35	6.8	2.5
49.4115	-125.906	51	51.44	3.49E+04	10.94	30.89	1023.82	23.59	23.59	83.3	1	1.39	0.26	0.18	9.08	6.35	7.8	2.8
49.4115	-125.906	52	52.449	3.49E+04	10.94	30.89	1023.83	23.59	23.59	83.3	1	1.39	0.25	0.17	9.08	6.35	7.5	2.7
49.4115	-125.906	53	53.461	3.49E+04	10.94	30.90	1023.83	23.59	23.59	83.2	1	1.49	0.22	0.16	9.08	6.35	6.8	2.5
49.4115	-125.906	54	54.469	3.49E+04	10.94	30.90	1023.84	23.60	23.59	83.1	1	1.29	0.20	0.14	9.08	6.35	6.2	2.2
49.4115	-125.906	55	55.479	3.49E+04	10.94	30.90	1023.85	23.60	23.60	83.2	1	1.71	0.19	0.13	9.08	6.35	5.9	2.1
49.4115	-125.906	56	56.494	3.49E+04	10.94	30.91	1023.86	23.60	23.60	83.4	1	1.21	0.19	0.13	9.08	6.35	5.7	2.0
49.4115	-125.906	57	57.502	3.49E+04	10.95	30.91	1023.86	23.60	23.60	83.3	1	1.38	0.18	0.12	9.08	6.35	5.4	1.9
49.4115	-125.906	58	58.499	3.49E+04	10.95	30.91	1023.87	23.61	23.61	83.3	1	1.12	0.17	0.12	9.08	6.35	5.2	1.9
49.4115	-125.906	59	59.515	3.49E+04	10.95	30.92	1023.88	23.61	23.61	83.4	1	1.08	0.17	0.12	9.08	6.35	5.1	1.8
49.4115	-125.906	60	60.522	3.49E+04	10.95	30.92	1023.88	23.61	23.61	83.6	1	1.24	0.16	0.11	9.07	6.35	5.0	1.8
49.4115	-125.906	61	61.53	3.49E+04	10.95	30.93	1023.89	23.61	23.61	83.6	1	1.19	0.16	0.12	9.07	6.35	5.0	1.8
49.4115	-125.906	62	62.543	3.49E+04	10.96	30.93	1023.90	23.62	23.62	83.5	1	1.07	0.16	0.11	9.07	6.35	5.0	1.8
49.4115	-125.906	63	63.552	3.49E+04	10.96	30.93	1023.90	23.62	23.62	83.4	1	2.13	0.16	0.11	9.07	6.35	5.0	1.8
49.4115	-125.906	64	64.558	3.49E+04	10.96	30.93	1023.91	23.62	23.62	83.5	1	1.53	0.16	0.11	9.07	6.35	5.0	1.8
49.4115	-125.906	65	65.57	3.49E+04	10.97	30.94	1023.92	23.62	23.62	83.3	1	2.32	0.16	0.11	9.07	6.35	4.9	1.8
49.4115	-125.906	66	66.578	3.50E+04	10.97	30.95	1023.93	23.63	23.63	83.3	1	1.23	0.16	0.11	9.07	6.35	4.8	1.7
49.4115	-125.906	67	67.589	3.50E+04	10.98	30.95	1023.93	23.63	23.63	83.2	1	1.13	0.16	0.11	9.07	6.35	4.8	1.7
49.4115	-125.906	68	68.593	3.50E+04	10.98	30.96	1023.94	23.63	23.63	83.3	1	1.14	0.16	0.11	9.07	6.34	4.8	1.7
49.4115	-125.906	69	69.603	3.50E+04	10.98	30.96	1023.95	23.63	23.63	83.2	1	1.13	0.16	0.11	9.07	6.34	4.8	1.7
49.4115	-125.906	70	70.613	3.50E+04	10.98	30.96	1023.95	23.63	23.63	83.2	1	1.05	0.16	0.11	9.07	6.34	4.8	1.7
49.4115	-125.906	71	71.621	3.50E+04	10.99	30.96	1023.96	23.64	23.63	83.0	1	0.99	0.16	0.11	9.07	6.34	4.8	1.7

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
49.4115	-125.906	72	72.629	3.50E+04	10.99	30.96	1023.97	23.64	23.64	83.0	1	2.83	0.15	0.11	9.06	6.34	4.7	1.7
49.4115	-125.906	73	73.642	3.50E+04	10.99	30.97	1023.97	23.64	23.64	82.9	1	1.33	0.15	0.11	9.06	6.34	4.7	1.7
49.4115	-125.906	74	74.653	3.50E+04	10.99	30.97	1023.98	23.64	23.64	82.9	1	0.97	0.15	0.10	9.06	6.34	4.6	1.7
49.4115	-125.906	75	75.658	3.50E+04	10.99	30.97	1023.98	23.64	23.64	82.9	1	1.04	0.15	0.10	9.06	6.34	4.6	1.6
49.4115	-125.906	76	76.671	3.50E+04	11.00	30.97	1023.99	23.64	23.64	82.9	1	1.07	0.15	0.10	9.06	6.34	4.6	1.7
49.4115	-125.906	77	77.675	3.50E+04	11.00	30.98	1024.00	23.65	23.64	82.9	1	0.99	0.15	0.11	9.06	6.34	4.7	1.7
49.4115	-125.906	78	78.685	3.50E+04	11.00	30.98	1024.00	23.65	23.64	82.6	1	0.98	0.15	0.11	9.06	6.34	4.6	1.7
49.4115	-125.906	79	79.693	3.50E+04	11.00	30.98	1024.01	23.65	23.65	82.5	1	1.12	0.15	0.10	9.06	6.34	4.5	1.6
49.4115	-125.906	80	80.7	3.50E+04	11.00	30.98	1024.01	23.65	23.65	82.3	1	1.13	0.14	0.10	9.06	6.34	4.4	1.6
49.4115	-125.906	81	81.716	3.50E+04	11.01	30.99	1024.02	23.65	23.65	82.4	1	1.01	0.14	0.10	9.06	6.34	4.4	1.6
49.4115	-125.906	82	82.721	3.50E+04	11.01	30.99	1024.03	23.65	23.65	82.4	1	1.00	0.14	0.10	9.06	6.34	4.4	1.6
49.4115	-125.906	83	83.731	3.50E+04	11.01	30.99	1024.03	23.65	23.65	82.3	1	1.00	0.14	0.10	9.06	6.34	4.3	1.6
49.4115	-125.906	84	84.734	3.50E+04	11.01	30.99	1024.04	23.66	23.65	82.3	1	1.03	0.14	0.10	9.06	6.34	4.3	1.5
49.4115	-125.906	85	85.746	3.50E+04	11.02	30.99	1024.04	23.66	23.65	82.1	1	1.09	0.14	0.10	9.06	6.34	4.3	1.5
49.4115	-125.906	86	86.755	3.51E+04	11.02	31.00	1024.05	23.66	23.66	82.3	1	1.00	0.14	0.10	9.06	6.34	4.3	1.5
49.4115	-125.906	87	87.761	3.51E+04	11.02	31.00	1024.05	23.66	23.66	82.2	1	1.03	0.14	0.10	9.06	6.34	4.3	1.5
49.4115	-125.906	88	88.774	3.51E+04	11.02	31.00	1024.06	23.66	23.66	82.2	1	1.03	0.14	0.10	9.06	6.34	4.3	1.5
49.4115	-125.906	89	89.78	3.51E+04	11.02	31.00	1024.07	23.66	23.66	82.0	1	1.01	0.14	0.10	9.06	6.34	4.3	1.5
49.4115	-125.906	90	90.79	3.51E+04	11.02	31.00	1024.07	23.66	23.66	81.9	1	1.08	0.14	0.10	9.06	6.34	4.2	1.5
49.4115	-125.906	91	91.801	3.51E+04	11.02	31.00	1024.08	23.66	23.66	81.8	1	0.94	0.14	0.10	9.06	6.34	4.2	1.5

Lat	Long	Depth	P	Cond.	Temp	S	Density	σ-theta	σ-t	Trans	PAR	Fluor	O_2	O_2	O_2 Sat.	O2 Sat.	O_2	O_2
deg	deg	m	[db]	uS/cm	degC	PSU	Kg/m^3	Kg/m^3	Kg/m^3	%		mg/m^3	mg/l	ml/l	mg/l	ml/l	umol/Kg	%Sat
dayoquot station 86 heading up to bedwell																		
49.236	-125.939	2	2.196	3.62E+04	14.17	29.62	1022.01	22.00	22.00	77.8	1442	2.91	6.93	4.85	8.55	5.98	212.0	81.1
49.236	-125.939	3	3.018	3.62E+04	14.16	29.62	1022.02	22.01	22.01	77.8	1105	2.93	6.93	4.85	8.55	5.98	212.0	81.1
49.236	-125.939	4	4.033	3.62E+04	14.16	29.62	1022.02	22.01	22.01	77.8	800	2.87	6.93	4.85	8.55	5.98	212.0	81.1
49.236	-125.939	5	5.05	3.62E+04	14.16	29.63	1022.03	22.01	22.01	77.8	584	2.96	6.93	4.85	8.55	5.98	211.8	81.0
49.236	-125.939	6	6.052	3.62E+04	14.15	29.63	1022.04	22.01	22.01	77.8	434	2.95	6.92	4.84	8.55	5.98	211.6	81.0
49.236	-125.939	7	7.064	3.62E+04	14.15	29.63	1022.05	22.01	22.01	77.7	323	2.85	6.92	4.84	8.55	5.98	211.6	80.9
49.236	-125.939	8	8.067	3.62E+04	14.14	29.64	1022.05	22.02	22.02	77.6	245	2.83	6.92	4.84	8.55	5.98	211.5	80.9
49.236	-125.939	9	9.076	3.62E+04	14.14	29.64	1022.06	22.02	22.02	77.7	187	2.83	6.92	4.84	8.55	5.98	211.4	80.9
49.236	-125.939	10	10.091	3.62E+04	14.14	29.64	1022.06	22.02	22.02	77.6	143	2.87	6.92	4.84	8.55	5.98	211.5	80.9
49.236	-125.939	11	11.092	3.62E+04	14.14	29.64	1022.07	22.02	22.02	77.7	110	2.92	6.92	4.84	8.55	5.98	211.4	80.9
49.236	-125.939	12	12.105	3.63E+04	14.14	29.65	1022.08	22.03	22.03	77.6	86	2.95	6.92	4.84	8.55	5.98	211.4	80.9
49.236	-125.939	13	13.108	3.63E+04	14.12	29.67	1022.11	22.05	22.05	77.4	67	2.98	6.92	4.84	8.55	5.98	211.4	80.9
49.236	-125.939	14	14.121	3.63E+04	14.11	29.69	1022.13	22.06	22.06	77.4	52	2.95	6.91	4.84	8.55	5.98	211.3	80.8
49.236	-125.939	15	15.123	3.63E+04	14.08	29.74	1022.17	22.11	22.11	77.5	41	3.07	6.90	4.83	8.56	5.99	210.8	80.6
49.236	-125.939	16	16.14	3.63E+04	14.05	29.77	1022.21	22.14	22.14	77.6	32	2.99	6.90	4.83	8.56	5.99	210.7	80.5
49.236	-125.939	17	17.153	3.63E+04	14.03	29.80	1022.24	22.17	22.17	77.4	25	3.03	6.90	4.83	8.56	5.99	210.9	80.6
49.236	-125.939	18	18.153	3.63E+04	14.02	29.81	1022.26	22.18	22.18	77.4	20	3.03	6.90	4.83	8.56	5.99	210.9	80.6
49.236	-125.939	19	19.16	3.63E+04	14.01	29.82	1022.27	22.19	22.19	77.5	16	2.98	6.90	4.83	8.56	5.99	210.9	80.6
49.236	-125.939	20	20.174	3.64E+04	13.98	29.86	1022.31	22.22	22.22	77.5	13	3.10	6.89	4.82	8.57	5.99	210.7	80.5
49.236	-125.939	21	21.184	3.64E+04	13.97	29.87	1022.33	22.23	22.23	77.4	11	3.05	6.89	4.82	8.57	5.99	210.5	80.4
49.236	-125.939	22	22.186	3.64E+04	13.96	29.89	1022.35	22.25	22.25	77.2	9	3.04	6.89	4.82	8.57	6.00	210.6	80.4
49.236	-125.939	23	23.198	3.64E+04	13.93	29.93	1022.39	22.28	22.28	77.3	7	3.00	6.89	4.82	8.57	6.00	210.5	80.3
49.236	-125.939	24	24.207	3.64E+04	13.89	29.98	1022.44	22.33	22.33	77.2	6	3.04	6.89	4.82	8.58	6.00	210.5	80.3
49.236	-125.939	25	25.215	3.64E+04	13.83	30.06	1022.52	22.41	22.41	77.3	5	3.04	6.88	4.81	8.58	6.01	210.1	80.1
49.236	-125.939	26	26.222	3.65E+04	13.78	30.12	1022.58	22.46	22.46	76.9	4	2.97	6.87	4.80	8.59	6.01	209.9	80.0