



POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

POINT LOMA WASTEWATER TREATMENT PLANT

NPDES Permit No. CA0107409
SDRWQCB Order No. R9-2017-0007

NOVEMBER 2018

Environmental Monitoring and Technical Services
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Public Utilities Department

Environmental Monitoring & Technical Services Division

November 30, 2018

Mr. David W. Gibson, Executive Officer
California Regional Water Quality Control Board
San Diego Region
2375 Northside Drive, Suite 100
San Diego, CA 92108

Attention: POTW Compliance Unit

Dear Mr. Gibson:

Enclosed is the October 2018 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2017-0007, NPDES Permit No. CA0107409.

This report includes raw ocean monitoring data and summaries of water quality parameters and ocean conditions measured during the month for the Point Loma outfall region. Also included are summaries of compliance with the bacterial water-contact standards specified in the California Ocean Plan.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

A handwritten signature in blue ink, appearing to read "Peter S. Vroom".

Peter S. Vroom, Ph.D.
Deputy Director, Public Utilities Department

TS/amw

cc: U.S. Environmental Protection Agency, Region 9

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INTRODUCTION

Monthly reports of water quality and ocean conditions for the San Diego coastal region surrounding the Point Loma Ocean Outfall are submitted to the San Diego Regional Water Quality Control Board and U.S. EPA Region 9 in accordance with Order No. R9-2017-0007, NPDES Permit No. CA0107409 for the Point Loma Wastewater Treatment Plant (PLWTP), Point Loma Ocean Outfall (PLOO). This report includes receiving waters monitoring data collected from all shore, kelp and offshore stations specified in the above order. Data for influent and effluent monitoring activities for the PLWTP are presented in separate reports.

MATERIALS AND METHODS

Shore Stations

Water quality conditions are required to be monitored at eight shoreline stations, including D4, D5, D7, D8, D9, D10, D11 and D12, which range from the tip of the Point Loma Peninsula to west of Mission Bay (see station locations map). Over the past several years, due to increasing instability in several cliffside areas of Point Loma, City staff have been unable to safely access and sample several stations at various times. This lack of access has resulted in the following modifications:

- Station D7 was not sampled between February and October 2018, except for the recording of visual observations. This station has subsequently become accessible again and has been successfully sampled since October 31, 2018.
- Station D8 was replaced by alternate station D8-A during June 2016. However, due to increasing instability, City staff have been unable to safely access and sample station D8-A since February 7, 2018. During March 2018, the City identified a new alternate location for stations D8/D8-A. This new station, designated D8-B, is located about 150 feet north of D8-A.
- Station D9 has been inaccessible since October 31, 2018 due to construction.

Seawater samples were collected from the surf zone at each station on a weekly basis. These samples were subsequently transported to the City's Marine Microbiology Laboratory and analyzed for the presence of several types of fecal indicator bacteria (FIBs), including total coliforms, fecal coliforms, and *Enterococcus*. Visual observations of water color and clarity, surf height, human or animal activity, and weather conditions were also recorded at the time of sample collection. Wind speed and direction were measured using a hand-held anemometer with a compass.

Kelp Bed Stations

The eight kelp stations were sampled weekly according to permit specifications in order to monitor water quality conditions within the Point Loma kelp forest. These stations include three sites located along the inshore edge of the kelp bed paralleling the 9-m depth contour (i.e., stations C4, C5 and C6), and five sites located near the offshore edge of the kelp bed along the 18-m depth contour (i.e., stations A1, A6, A7, C7 and C8).

Routine weekly monitoring at each of the kelp bed sites consisted primarily of collecting seawater samples at discrete depths to determine concentrations of indicator bacteria (i.e., total coliforms,

fecal coliforms, and *Enterococcus*). Water column profiles of various physical/chemical parameters were also generated during each sampling event, and visual observations of weather and water conditions were recorded at each station.

Seawater samples at the kelp bed stations were collected using a CTD-integrated rosette sampler with Niskin bottles. Aliquots for bacteriological analyses were drawn from these bottles into sterile sample bottles for processing at the City's Marine Microbiology Laboratory. Water column profiles of temperature, transmissivity, dissolved oxygen, pH, salinity, density, chlorophyll *a* were generated using a Sea-Bird conductivity, temperature and depth instrument (CTD), which collects these data at a rate of ≥ 4 scans per second. These scans were then internally averaged to create water column profiles with data readings at a rate of one per meter. Additionally, CTD profile data for each water sample depth are presented with the bacteriological data.

Offshore Stations

Offshore water quality sampling is conducted quarterly typically during the months of February, May, August and November. A total of 36 offshore stations (F01–F36) are sampled during each survey usually over a 3-day period. Three of the stations (F01–F03) are located along the 18-m depth contour, while 11 stations are located along each of the following contours: 60 m (stations F04–F14); 80 m (stations F15–F25); 98 m (stations F26–F36). Of these 36 stations, 15 (F01–F03, F06–F14, F18–F20) are located within State jurisdictional waters (i.e., within 3 nautical miles of shore) and are subject to the California Ocean Plan's compliance standards. Monitoring at all offshore sites includes measurements of *Enterococcus* bacteria, water temperature, salinity, density, dissolved oxygen, pH, chlorophyll *a*, transmissivity, chromomorphic dissolved organic matter (CDOM), and visual observations of weather and water conditions.

Seawater samples for bacteriological analyses at the offshore stations were collected using a CTD-integrated rosette sampler with Niskin bottles. Profiles of the various physical/chemical parameters (listed above) are taken using a Sea-Bird CTD. Additionally, data for depths closest to those at which bacteriological samples were collected were extracted from the CTD profiles and presented with the bacteriological data.

Bacteriological Reporting and Quality Assurance

Estimated values for bacteriological analyses are denoted by greater than (>), less than (<), or estimated (e) qualifiers and result from plates with colony counts above or below the permissible counting limits established in Bordner et al. (1978)^[1]. This document defines membrane filtration limits of 20–80 colonies per plate for total coliforms and 20–60 colonies per plate for fecal coliforms and *Enterococcus*. No Data (ND) is reported if plate counts from all dilutions have a total colony count of >200 per plate.

Results of the bacteriological analysis of seawater samples collected from each of the shore, kelp bed, and offshore stations located within State waters are assessed relative to the geometric mean and single sample maximum water-contact standards specified in the California Ocean Plan. The seven standards are defined as follows:

^[1]Bordner, R., J. Winter, and P. Scarpino (eds.). (1978). Microbiological Methods for Monitoring the Environment: Water and Wastes, EPA Research and Development, EPA-600/8-78-017. 337 p.

30-day Geometric Mean: The following standards are based on the geometric mean of the five most recent samples from each site.

- (1) Total coliform density shall not exceed 1000 CFU/100 mL;
- (2) Fecal coliform density shall not exceed 200 CFU/100 mL;
- (3) *Enterococcus* density shall not exceed 35 CFU/100 mL.

Single Sample Maximums:

- (1) Total coliform density shall not exceed 10,000 CFU/100 mL;
- (2) Fecal coliform density shall not exceed 400 CFU/100 mL;
- (3) *Enterococcus* density shall not exceed 104 CFU/100 mL;
- (4) Total coliform density shall not exceed 1,000 CFU/100 mL when the fecal coliform/total coliform ratio exceeds 0.1.

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated exactly the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 1987) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 2018 Quality Assurance Report, which will be completed in March 2019.

SUMMARY OF RESULTS

Shore Stations

- During November, each of the eight shore stations were in compliance with all California Ocean Plan (Ocean Plan) water-contact standards.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surfgrass. See the City of San Diego's most recent *Biennial Receiving Waters Monitoring and Assessment Report for the Point Loma and South Bay Ocean Outfalls* details (<http://www.sandiego.gov/mwwd/environment/oceanmonitor/reports/index.shtml>).
- There were no notable visual observations for November.

Kelp Bed Stations

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled four times during the month (i.e. November 5, 14, 19, 26).
- During November, each of the kelp bed stations were in compliance with all water-contact standards specified in the Ocean Plan.

- Water column temperatures ranged from 15.81 to 19.09°C during the month. The difference between surface and bottom waters ranged from 0.04 to 2.51°C, indicating that the water column was stratified at some of the kelp bed stations during the month.
- Chlorophyll *a* concentrations ranged from 0.29 to 2.74 µg/L during November, suggesting the absence of phytoplankton blooms during the month.
- Nothing of sewage origin was observed at any of the kelp stations.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on November 15, 16, and 17
- During November, each of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) were in compliance with the relevant Ocean Plan single sample maximum standard for *Enterococcus*.
- Of the remaining 21 offshore stations, two exceeded the single sample maximum for *Enterococcus* at 80 m on November 17.
- During November, water column temperatures ranged from 11.71 to 19.03°C. The difference between surface and bottom waters ranged from 0.82 to 6.95°C, indicating that the water column was stratified at some of the offshore stations during the month.
- Chlorophyll *a* concentrations ranged from 0.04 to 2.85 µg/L at the offshore stations during the month, suggesting the absence of phytoplankton blooms.
- CDOM data are available upon request.
- Nothing of sewage origin was observed at any of the offshore stations.
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TABLES AND FIGURES

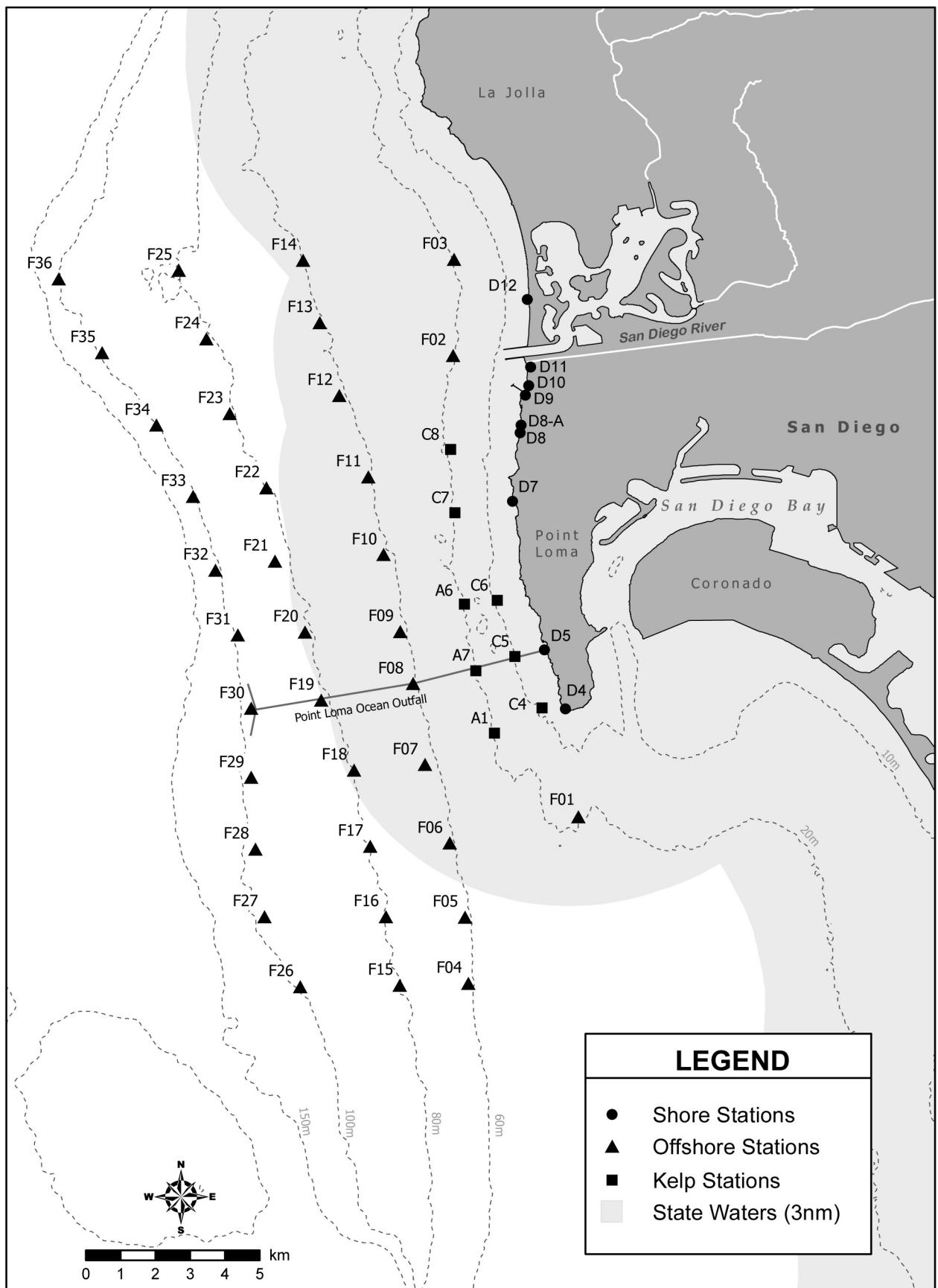


Figure 1.1 Station Map

Shore Stations

Table 2.1

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for total coliform bacteria at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >1,000 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2018	23	29	20	36	24	80	36	30
02 Nov 2018	24*	31*	20*	42*	25*	63*	36*	34*
03 Nov 2018	24*	31*	20*	42*	25*	63*	36*	34*
04 Nov 2018	24*	31*	20*	42*	25*	63*	36*	34*
05 Nov 2018	24*	31*	20*	42*	25*	63*	36*	34*
06 Nov 2018	24*	31*	20*	42*	25*	63*	36*	34*
07 Nov 2018	23	29	20	36	25	58	32	22
08 Nov 2018	23	29	20	36	25	58	32	22
09 Nov 2018	20*	26*	20*	42*	20*	42*	20*	19*
10 Nov 2018	20*	26*	20*	42*	20*	42*	20*	19*
11 Nov 2018	20*	26*	20*	42*	20*	42*	20*	19*
12 Nov 2018	20*	26*	20*	42*	20*	42*	20*	19*
13 Nov 2018	20*	26*	20*	42*	20*	42*	20*	19*
14 Nov 2018	14	25	20	36	20	45	16	12
15 Nov 2018	14	25	20	36	20	45	16	12
16 Nov 2018	13*	26*	20*	36*	20*	56*	15*	11*
17 Nov 2018	13*	26*	20*	36*	20*	56*	15*	11*
18 Nov 2018	13*	26*	20*	36*	20*	56*	15*	11*
19 Nov 2018	13*	26*	20*	36*	20*	56*	15*	11*
20 Nov 2018	13*	26*	20*	36*	20*	56*	15*	11*
21 Nov 2018	14	25	20	32	20	46	16	12
22 Nov 2018	14	25	20	32	20	46	16	12
23 Nov 2018	13*	20*	20*	20*	ns	32*	15*	11*
24 Nov 2018	13*	20*	20*	20*	ns	32*	15*	11*
25 Nov 2018	13*	20*	20*	20*	ns	32*	15*	11*
26 Nov 2018	13*	20*	20*	20*	ns	32*	15*	11*
27 Nov 2018	13*	20*	20*	20*	ns	32*	15*	11*
28 Nov 2018	14	20	17	20	ns	29	16	12
29 Nov 2018	14	20	17	20	ns	29	16	12
30 Nov 2018	13*	20*	17*	20*	ns	32*	15*	8*

* Geometric mean calculated using n<5

Table 2.2

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for fecal coliform bacteria at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >200 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2018	2	3	2	5	2	7	2	3
02 Nov 2018	3*	4*	2*	5*	3*	8*	3*	2*
03 Nov 2018	3*	4*	2*	5*	3*	8*	3*	2*
04 Nov 2018	3*	4*	2*	5*	3*	8*	3*	2*
05 Nov 2018	3*	4*	2*	5*	3*	8*	3*	2*
06 Nov 2018	3*	4*	2*	5*	3*	8*	3*	2*
07 Nov 2018	3	3	5	5	3	8	3	2
08 Nov 2018	3	3	5	5	3	8	3	2
09 Nov 2018	2*	3*	5*	4*	2*	7*	3*	2*
10 Nov 2018	2*	3*	5*	4*	2*	7*	3*	2*
11 Nov 2018	2*	3*	5*	4*	2*	7*	3*	2*
12 Nov 2018	2*	3*	5*	4*	2*	7*	3*	2*
13 Nov 2018	2*	3*	5*	4*	2*	7*	3*	2*
14 Nov 2018	2	3	4	4	2	5	2	2
15 Nov 2018	2	3	4	4	2	5	2	2
16 Nov 2018	2*	3*	4*	4*	2*	5*	3*	2*
17 Nov 2018	2*	3*	4*	4*	2*	5*	3*	2*
18 Nov 2018	2*	3*	4*	4*	2*	5*	3*	2*
19 Nov 2018	2*	3*	4*	4*	2*	5*	3*	2*
20 Nov 2018	2*	3*	4*	4*	2*	5*	3*	2*
21 Nov 2018	2	3	3	5	2	6	3	3
22 Nov 2018	2	3	3	5	2	6	3	3
23 Nov 2018	2*	2*	3*	4*	ns	5*	3*	3*
24 Nov 2018	2*	2*	3*	4*	ns	5*	3*	3*
25 Nov 2018	2*	2*	3*	4*	ns	5*	3*	3*
26 Nov 2018	2*	2*	3*	4*	ns	5*	3*	3*
27 Nov 2018	2*	2*	3*	4*	ns	5*	3*	3*
28 Nov 2018	2	3	3	4	ns	5	3	3
29 Nov 2018	2	3	3	4	ns	5	3	3
30 Nov 2018	2*	3*	4*	4*	ns	5*	3*	3*

* Geometric mean calculated using n<5

Table 2.3

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for *Enterococcus* at the PLOO shore stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >35 CFU/100 mL exceed the standard.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
01 Nov 2018	3	5	2	4	2	8	6	3
02 Nov 2018	3*	6*	2*	5*	2*	11*	7*	4*
03 Nov 2018	3*	6*	2*	5*	2*	11*	7*	4*
04 Nov 2018	3*	6*	2*	5*	2*	11*	7*	4*
05 Nov 2018	3*	6*	2*	5*	2*	11*	7*	4*
06 Nov 2018	3*	6*	2*	5*	2*	11*	7*	4*
07 Nov 2018	4	5	2	4	2	11	7	3
08 Nov 2018	4	5	2	4	2	11	7	3
09 Nov 2018	4*	6*	2*	5*	2*	8*	5*	2*
10 Nov 2018	4*	6*	2*	5*	2*	8*	5*	2*
11 Nov 2018	4*	6*	2*	5*	2*	8*	5*	2*
12 Nov 2018	4*	6*	2*	5*	2*	8*	5*	2*
13 Nov 2018	4*	6*	2*	5*	2*	8*	5*	2*
14 Nov 2018	4	5	2	4	2	6	4	2
15 Nov 2018	4	5	2	4	2	6	4	2
16 Nov 2018	4*	3*	2*	5*	2*	8*	5*	2*
17 Nov 2018	4*	3*	2*	5*	2*	8*	5*	2*
18 Nov 2018	4*	3*	2*	5*	2*	8*	5*	2*
19 Nov 2018	4*	3*	2*	5*	2*	8*	5*	2*
20 Nov 2018	4*	3*	2*	5*	2*	8*	5*	2*
21 Nov 2018	5	3	2	4	2	10	6	4
22 Nov 2018	5	3	2	4	2	10	6	4
23 Nov 2018	5*	2*	2*	3*	ns	6*	5*	4*
24 Nov 2018	5*	2*	2*	3*	ns	6*	5*	4*
25 Nov 2018	5*	2*	2*	3*	ns	6*	5*	4*
26 Nov 2018	5*	2*	2*	3*	ns	6*	5*	4*
27 Nov 2018	5*	2*	2*	3*	ns	6*	5*	4*
28 Nov 2018	4	4	2	3	ns	6	6	4
29 Nov 2018	4	4	2	3	ns	6	6	4
30 Nov 2018	5*	5*	2*	2*	ns	8*	6*	4*

* Geometric mean calculated using n<5

Table 2.4

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for total coliform bacteria, which states that total coliform density shall not exceed 10,000 CFU/100 mL.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
07 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
14 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
21 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
28 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.5

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for fecal coliform bacteria, which states that fecal coliform density shall not exceed 400 CFU/100 mL.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
07 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
14 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
21 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
28 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.6

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 104 CFU/100 mL.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
07 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
14 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
21 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
28 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.7

Summary of compliance at the PLOO shore stations with the Ocean Plan's Single Sample Maximum standard for total coliform bacteria and the fecal/total coliform ratio (F:T), which states that total coliform density shall not exceed 1,000 CFU/100 mL when F:T > 0.1.

Date	D4	D5	D7	D8-B	D9	D10	D11	D12
07 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
14 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
21 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC
28 Nov 2018	IC	IC	IC	IC	ns	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 2.8

Summary of water quality parameters at the PLOO shore stations for each sample date. Densities of total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Enter) are reported as CFU/100 mL. The fecal:total coliform ratio (F:T) is unitless. Comments follow the data summary.

Station	Date	Time	Total	Fecal	Enter	F:T
D4	07 Nov 2018	822	20e	4e	22e	0.20
	14 Nov 2018	1057	4e	<2	<2	0.50
	21 Nov 2018	1022	<20	2e	6e	0.10
	28 Nov 2018	1023	<20	<2	2e	0.10
D5	07 Nov 2018	806	<20	<2	<2	0.10
	14 Nov 2018	1044	<20	<2	<2	0.10
	21 Nov 2018	1009	<20	2e	<2	0.10
	28 Nov 2018	1038	20e	12e	58	0.60
D7	07 Nov 2018	857	<20	12e	2e	0.60
	14 Nov 2018	1022	<20	<2	<2	0.10
	21 Nov 2018	937	<20	<2	<2	0.10
	28 Nov 2018	958	10e	4e	2e	0.40
D8-B	07 Nov 2018	933	<20	6e	4e	0.30
	14 Nov 2018	953	<20	<2	<2	0.10
	21 Nov 2018	922	20e	12e	2e	0.60
	28 Nov 2018	933	<20	2e	<2	0.10
D9	07 Nov 2018	940	ns	ns	ns	ns
	14 Nov 2018	937	ns	ns	ns	ns
	21 Nov 2018	913	ns	ns	ns	ns
	28 Nov 2018	916	ns	ns	ns	ns
D10	07 Nov 2018	1008	40e	8e	12e	0.20
	14 Nov 2018	929	60e	<2	<2	0.03
	21 Nov 2018	904	22e	12e	22e	0.55
	28 Nov 2018	901	<20	4e	8e	0.20
D11	07 Nov 2018	1039	<20	6e	6e	0.30
	14 Nov 2018	918	6e	<2	2e	0.33
	21 Nov 2018	838	22e	6e	12e	0.27
	28 Nov 2018	835	<20	2e	10e	0.10
D12	07 Nov 2018	1104	4e	2e	<2	0.50
	14 Nov 2018	841	2e	<2	<2	1.00
	21 Nov 2018	813	<20	12e	24e	0.60
	28 Nov 2018	806	<20	<2	<2	0.10

ns = not sampled

ND = no data

Comments

Station	Date	Depth	Parameter	Comments
D9	07 Nov 2018			Site inaccessible due to construction
D9	14 Nov 2018			Site inaccessible due to construction
D9	21 Nov 2018			Site inaccessible due to construction
D9	28 Nov 2018			Site inaccessible due to construction

Table 2.9

Summary of visual observations made during the month for each PLOO shore station by sample date.

Station	Date	Parameter	Value
D4	07 Nov 2018	Arrive Time	822
D4	07 Nov 2018	Weather	Cloudy
D4	07 Nov 2018	Wind Speed (kts)	2.3
D4	07 Nov 2018	Wind Dir	W
D4	07 Nov 2018	Animal Life	None
D4	07 Nov 2018	Floatables	None
D4	07 Nov 2018	Water Color	Green
D4	07 Nov 2018	Current Direction	N
D4	07 Nov 2018	Water Temp (C)	17
D4	07 Nov 2018	Wave Height Low (ft)	3
D4	07 Nov 2018	High Tide (ft)	6.2
D4	07 Nov 2018	High Tide Time	810
D4	07 Nov 2018	Low Tide (ft)	0.9
D4	07 Nov 2018	Low Tide Time	203
D4	07 Nov 2018	Comments	Kelp; Seagrass; Water clear
D4	14 Nov 2018	Arrive Time	1057
D4	14 Nov 2018	Weather	Sunny
D4	14 Nov 2018	Wind Speed (kts)	2.7
D4	14 Nov 2018	Wind Dir	N
D4	14 Nov 2018	Animal Life	None
D4	14 Nov 2018	Floatables	None
D4	14 Nov 2018	Water Color	Green
D4	14 Nov 2018	Current Direction	N
D4	14 Nov 2018	Water Temp (C)	19
D4	14 Nov 2018	Wave Height Low (ft)	2
D4	14 Nov 2018	High Tide (ft)	3.5
D4	14 Nov 2018	High Tide Time	344
D4	14 Nov 2018	Low Tide (ft)	3.3
D4	14 Nov 2018	Low Tide Time	741
D4	14 Nov 2018	Comments	Algae; Water clear
D4	21 Nov 2018	Arrive Time	1022
D4	21 Nov 2018	Weather	Sunny
D4	21 Nov 2018	Wind Speed (kts)	3.4
D4	21 Nov 2018	Wind Dir	W
D4	21 Nov 2018	Animal Life	None
D4	21 Nov 2018	Floatables	None
D4	21 Nov 2018	Water Color	Green
D4	21 Nov 2018	Current Direction	N
D4	21 Nov 2018	Water Temp (C)	15
D4	21 Nov 2018	Wave Height Low (ft)	3
D4	21 Nov 2018	High Tide (ft)	6
D4	21 Nov 2018	High Tide Time	710
D4	21 Nov 2018	Low Tide (ft)	-0.2
D4	21 Nov 2018	Low Tide Time	1359
D4	21 Nov 2018	Comments	Kelp; Seagrass; Water clear
D4	28 Nov 2018	Arrive Time	1023
D4	28 Nov 2018	Weather	Sunny
D4	28 Nov 2018	Wind Speed (kts)	2.3

Station	Date	Parameter	Value
D4	28 Nov 2018	Wind Dir	W
D4	28 Nov 2018	Animal Life	None
D4	28 Nov 2018	Floatables	None
D4	28 Nov 2018	Water Color	Green
D4	28 Nov 2018	Current Direction	N
D4	28 Nov 2018	Water Temp (C)	16
D4	28 Nov 2018	Wave Height Low (ft)	3
D4	28 Nov 2018	High Tide (ft)	3.8
D4	28 Nov 2018	High Tide Time	145
D4	28 Nov 2018	Low Tide (ft)	2.7
D4	28 Nov 2018	Low Tide Time	631
D4	28 Nov 2018	Comments	2 Surfers; Water clear
D5	07 Nov 2018	Arrive Time	806
D5	07 Nov 2018	Weather	Cloudy
D5	07 Nov 2018	Wind Speed (kts)	1.7
D5	07 Nov 2018	Wind Dir	NW
D5	07 Nov 2018	Animal Life	1 Seal
D5	07 Nov 2018	Floatables	None
D5	07 Nov 2018	Water Color	Green
D5	07 Nov 2018	Current Direction	N
D5	07 Nov 2018	Water Temp (C)	16
D5	07 Nov 2018	Wave Height Low (ft)	2
D5	07 Nov 2018	High Tide (ft)	6.2
D5	07 Nov 2018	High Tide Time	810
D5	07 Nov 2018	Low Tide (ft)	0.9
D5	07 Nov 2018	Low Tide Time	203
D5	07 Nov 2018	Comments	Kelp; Seagrass; Water clear
D5	14 Nov 2018	Arrive Time	1044
D5	14 Nov 2018	Weather	Sunny
D5	14 Nov 2018	Wind Speed (kts)	4.4
D5	14 Nov 2018	Wind Dir	N
D5	14 Nov 2018	Animal Life	None
D5	14 Nov 2018	Floatables	None
D5	14 Nov 2018	Water Color	Green
D5	14 Nov 2018	Current Direction	N
D5	14 Nov 2018	Water Temp (C)	19
D5	14 Nov 2018	Wave Height Low (ft)	2
D5	14 Nov 2018	High Tide (ft)	3.5
D5	14 Nov 2018	High Tide Time	344
D5	14 Nov 2018	Low Tide (ft)	3.3
D5	14 Nov 2018	Low Tide Time	741
D5	14 Nov 2018	Comments	Kelp; Water clear
D5	21 Nov 2018	Arrive Time	1009
D5	21 Nov 2018	Weather	Sunny
D5	21 Nov 2018	Wind Speed (kts)	1.2
D5	21 Nov 2018	Wind Dir	W
D5	21 Nov 2018	Animal Life	None
D5	21 Nov 2018	Floatables	None
D5	21 Nov 2018	Water Color	Green
D5	21 Nov 2018	Current Direction	N
D5	21 Nov 2018	Water Temp (C)	14
D5	21 Nov 2018	Wave Height Low (ft)	3

Station	Date	Parameter	Value
D5	21 Nov 2018	High Tide (ft)	6
D5	21 Nov 2018	High Tide Time	710
D5	21 Nov 2018	Low Tide (ft)	-0.2
D5	21 Nov 2018	Low Tide Time	1359
D5	21 Nov 2018	Comments	Kelp; Seagrass; Algae; Water clear
D5	28 Nov 2018	Arrive Time	1038
D5	28 Nov 2018	Weather	Sunny
D5	28 Nov 2018	Wind Speed (kts)	0.1
D5	28 Nov 2018	Wind Dir	W
D5	28 Nov 2018	Animal Life	None
D5	28 Nov 2018	Floatables	None
D5	28 Nov 2018	Water Color	Green
D5	28 Nov 2018	Current Direction	N
D5	28 Nov 2018	Water Temp (C)	16
D5	28 Nov 2018	Wave Height Low (ft)	2
D5	28 Nov 2018	High Tide (ft)	3.8
D5	28 Nov 2018	High Tide Time	145
D5	28 Nov 2018	Low Tide (ft)	2.7
D5	28 Nov 2018	Low Tide Time	631
D5	28 Nov 2018	Comments	Water clear
D7	07 Nov 2018	Arrive Time	857
D7	07 Nov 2018	Weather	Cloudy
D7	07 Nov 2018	Wind Speed (kts)	2.8
D7	07 Nov 2018	Wind Dir	W
D7	07 Nov 2018	Animal Life	None
D7	07 Nov 2018	Floatables	None
D7	07 Nov 2018	Water Color	Green
D7	07 Nov 2018	Current Direction	N
D7	07 Nov 2018	Water Temp (C)	17
D7	07 Nov 2018	Wave Height Low (ft)	2
D7	07 Nov 2018	High Tide (ft)	6.2
D7	07 Nov 2018	High Tide Time	810
D7	07 Nov 2018	Low Tide (ft)	-0.5
D7	07 Nov 2018	Low Tide Time	1459
D7	07 Nov 2018	Comments	Kelp; Seagrass; Water clear
D7	14 Nov 2018	Arrive Time	1022
D7	14 Nov 2018	Weather	Sunny
D7	14 Nov 2018	Wind Speed (kts)	2.3
D7	14 Nov 2018	Wind Dir	N
D7	14 Nov 2018	Animal Life	None
D7	14 Nov 2018	Floatables	None
D7	14 Nov 2018	Water Color	Green
D7	14 Nov 2018	Current Direction	N
D7	14 Nov 2018	Water Temp (C)	19
D7	14 Nov 2018	Wave Height Low (ft)	2
D7	14 Nov 2018	High Tide (ft)	3.5
D7	14 Nov 2018	High Tide Time	344
D7	14 Nov 2018	Low Tide (ft)	3.3
D7	14 Nov 2018	Low Tide Time	741
D7	14 Nov 2018	Comments	4 Persons; Water clear
D7	21 Nov 2018	Arrive Time	937

Station	Date	Parameter	Value
D7	21 Nov 2018	Weather	Sunny
D7	21 Nov 2018	Wind Speed (kts)	1.2
D7	21 Nov 2018	Wind Dir	W
D7	21 Nov 2018	Animal Life	None
D7	21 Nov 2018	Floatables	None
D7	21 Nov 2018	Water Color	Green
D7	21 Nov 2018	Current Direction	N
D7	21 Nov 2018	Water Temp (C)	15
D7	21 Nov 2018	Wave Height Low (ft)	4
D7	21 Nov 2018	High Tide (ft)	6
D7	21 Nov 2018	High Tide Time	710
D7	21 Nov 2018	Low Tide (ft)	-0.2
D7	21 Nov 2018	Low Tide Time	1359
D7	21 Nov 2018	Comments	Kelp; Seagrass; 1 Person; Water clear
D7	28 Nov 2018	Arrive Time	958
D7	28 Nov 2018	Weather	Partly Cloudy
D7	28 Nov 2018	Wind Speed (kts)	3.4
D7	28 Nov 2018	Wind Dir	S
D7	28 Nov 2018	Animal Life	None
D7	28 Nov 2018	Floatables	None
D7	28 Nov 2018	Water Color	Green
D7	28 Nov 2018	Current Direction	S
D7	28 Nov 2018	Water Temp (C)	16
D7	28 Nov 2018	Wave Height Low (ft)	4
D7	28 Nov 2018	High Tide (ft)	3.8
D7	28 Nov 2018	High Tide Time	145
D7	28 Nov 2018	Low Tide (ft)	2.7
D7	28 Nov 2018	Low Tide Time	631
D7	28 Nov 2018	Comments	3 Persons; 8 Surfers; Water clear
D8-B	07 Nov 2018	Arrive Time	933
D8-B	07 Nov 2018	Weather	Cloudy
D8-B	07 Nov 2018	Wind Speed (kts)	2.7
D8-B	07 Nov 2018	Wind Dir	W
D8-B	07 Nov 2018	Animal Life	None
D8-B	07 Nov 2018	Floatables	None
D8-B	07 Nov 2018	Water Color	Green
D8-B	07 Nov 2018	Current Direction	N
D8-B	07 Nov 2018	Water Temp (C)	17
D8-B	07 Nov 2018	Wave Height Low (ft)	3
D8-B	07 Nov 2018	High Tide (ft)	6.2
D8-B	07 Nov 2018	High Tide Time	810
D8-B	07 Nov 2018	Low Tide (ft)	-0.5
D8-B	07 Nov 2018	Low Tide Time	1459
D8-B	07 Nov 2018	Comments	Kelp; Seagrass; Water clear
D8-B	14 Nov 2018	Arrive Time	953
D8-B	14 Nov 2018	Weather	Partly Cloudy
D8-B	14 Nov 2018	Wind Speed (kts)	1.1
D8-B	14 Nov 2018	Wind Dir	NW
D8-B	14 Nov 2018	Animal Life	None
D8-B	14 Nov 2018	Floatables	None
D8-B	14 Nov 2018	Water Color	Green
D8-B	14 Nov 2018	Current Direction	N

Station	Date	Parameter	Value
D8-B	14 Nov 2018	Water Temp (C)	18
D8-B	14 Nov 2018	Wave Height Low (ft)	2
D8-B	14 Nov 2018	High Tide (ft)	3.5
D8-B	14 Nov 2018	High Tide Time	344
D8-B	14 Nov 2018	Low Tide (ft)	3.3
D8-B	14 Nov 2018	Low Tide Time	741
D8-B	14 Nov 2018	Comments	Seagrass; Algae; 1 Jogger; Water clear
D8-B	21 Nov 2018	Arrive Time	922
D8-B	21 Nov 2018	Weather	Sunny
D8-B	21 Nov 2018	Wind Speed (kts)	0
D8-B	21 Nov 2018	Wind Dir	
D8-B	21 Nov 2018	Animal Life	None
D8-B	21 Nov 2018	Floatables	None
D8-B	21 Nov 2018	Water Color	Green
D8-B	21 Nov 2018	Current Direction	N
D8-B	21 Nov 2018	Water Temp (C)	14
D8-B	21 Nov 2018	Wave Height Low (ft)	3
D8-B	21 Nov 2018	High Tide (ft)	6
D8-B	21 Nov 2018	High Tide Time	710
D8-B	21 Nov 2018	Low Tide (ft)	-0.2
D8-B	21 Nov 2018	Low Tide Time	1359
D8-B	21 Nov 2018	Comments	Kelp; Seagrass; Water clear
D8-B	28 Nov 2018	Arrive Time	933
D8-B	28 Nov 2018	Weather	Partly Cloudy
D8-B	28 Nov 2018	Wind Speed (kts)	6.5
D8-B	28 Nov 2018	Wind Dir	NW
D8-B	28 Nov 2018	Animal Life	None
D8-B	28 Nov 2018	Floatables	None
D8-B	28 Nov 2018	Water Color	Green
D8-B	28 Nov 2018	Current Direction	NW
D8-B	28 Nov 2018	Water Temp (C)	16
D8-B	28 Nov 2018	Wave Height Low (ft)	4
D8-B	28 Nov 2018	High Tide (ft)	3.8
D8-B	28 Nov 2018	High Tide Time	145
D8-B	28 Nov 2018	Low Tide (ft)	2.7
D8-B	28 Nov 2018	Low Tide Time	631
D8-B	28 Nov 2018	Comments	Seagrass; 3 Surfers; Water clear
D9	07 Nov 2018	Arrive Time	940
D9	07 Nov 2018	Weather	Cloudy
D9	07 Nov 2018	Wind Speed (kts)	0
D9	07 Nov 2018	Wind Dir	
D9	07 Nov 2018	Animal Life	None
D9	07 Nov 2018	Floatables	None
D9	07 Nov 2018	Water Color	Green
D9	07 Nov 2018	Current Direction	
D9	07 Nov 2018	Water Temp (C)	0
D9	07 Nov 2018	Wave Height Low (ft)	0
D9	07 Nov 2018	High Tide (ft)	6.2
D9	07 Nov 2018	High Tide Time	810
D9	07 Nov 2018	Low Tide (ft)	-0.5
D9	07 Nov 2018	Low Tide Time	1459
D9	07 Nov 2018	Comments	Water clear; Site inaccessible due to construction

Station	Date	Parameter	Value
D9	14 Nov 2018	Arrive Time	937
D9	14 Nov 2018	Weather	Partly Cloudy
D9	14 Nov 2018	Wind Speed (kts)	0.1
D9	14 Nov 2018	Wind Dir	N
D9	14 Nov 2018	Animal Life	None
D9	14 Nov 2018	Floatables	None
D9	14 Nov 2018	Water Color	Green
D9	14 Nov 2018	Current Direction	N
D9	14 Nov 2018	Water Temp (C)	0
D9	14 Nov 2018	Wave Height Low (ft)	2
D9	14 Nov 2018	High Tide (ft)	3.5
D9	14 Nov 2018	High Tide Time	344
D9	14 Nov 2018	Low Tide (ft)	3.3
D9	14 Nov 2018	Low Tide Time	741
D9	14 Nov 2018	Comments	Water clear; Site inaccessible due to construction
D9	21 Nov 2018	Arrive Time	913
D9	21 Nov 2018	Weather	Sunny
D9	21 Nov 2018	Wind Speed (kts)	3
D9	21 Nov 2018	Wind Dir	SE
D9	21 Nov 2018	Animal Life	None
D9	21 Nov 2018	Floatables	None
D9	21 Nov 2018	Water Color	Green
D9	21 Nov 2018	Current Direction	SE
D9	21 Nov 2018	Water Temp (C)	15
D9	21 Nov 2018	Wave Height Low (ft)	2
D9	21 Nov 2018	High Tide (ft)	6
D9	21 Nov 2018	High Tide Time	710
D9	21 Nov 2018	Low Tide (ft)	-0.2
D9	21 Nov 2018	Low Tide Time	1359
D9	21 Nov 2018	Comments	Kelp; Seagrass; Water clear; Site inaccessible due to construction
D9	28 Nov 2018	Arrive Time	916
D9	28 Nov 2018	Weather	Partly Cloudy
D9	28 Nov 2018	Wind Speed (kts)	1.3
D9	28 Nov 2018	Wind Dir	N
D9	28 Nov 2018	Animal Life	None
D9	28 Nov 2018	Floatables	None
D9	28 Nov 2018	Water Color	Green
D9	28 Nov 2018	Current Direction	N
D9	28 Nov 2018	Water Temp (C)	0
D9	28 Nov 2018	Wave Height Low (ft)	5
D9	28 Nov 2018	High Tide (ft)	3.8
D9	28 Nov 2018	High Tide Time	145
D9	28 Nov 2018	Low Tide (ft)	2.7
D9	28 Nov 2018	Low Tide Time	631
D9	28 Nov 2018	Comments	Water clear; Site inaccessible due to construction
D10	07 Nov 2018	Arrive Time	1008
D10	07 Nov 2018	Weather	Cloudy
D10	07 Nov 2018	Wind Speed (kts)	5.2
D10	07 Nov 2018	Wind Dir	W
D10	07 Nov 2018	Animal Life	None
D10	07 Nov 2018	Floatables	None

Station	Date	Parameter	Value
D10	07 Nov 2018	Water Color	Green
D10	07 Nov 2018	Current Direction	N
D10	07 Nov 2018	Water Temp (C)	17
D10	07 Nov 2018	Wave Height Low (ft)	5
D10	07 Nov 2018	High Tide (ft)	6.2
D10	07 Nov 2018	High Tide Time	810
D10	07 Nov 2018	Low Tide (ft)	-0.5
D10	07 Nov 2018	Low Tide Time	1459
D10	07 Nov 2018	Comments	Kelp; Seagrass; Water clear
D10	14 Nov 2018	Arrive Time	929
D10	14 Nov 2018	Weather	Partly Cloudy
D10	14 Nov 2018	Wind Speed (kts)	0.1
D10	14 Nov 2018	Wind Dir	N
D10	14 Nov 2018	Animal Life	None
D10	14 Nov 2018	Floatables	None
D10	14 Nov 2018	Water Color	Green
D10	14 Nov 2018	Current Direction	N
D10	14 Nov 2018	Water Temp (C)	18
D10	14 Nov 2018	Wave Height Low (ft)	3
D10	14 Nov 2018	High Tide (ft)	3.5
D10	14 Nov 2018	High Tide Time	344
D10	14 Nov 2018	Low Tide (ft)	3.3
D10	14 Nov 2018	Low Tide Time	741
D10	14 Nov 2018	Comments	Kelp; Seagrass; 3 Persons; 8 Surfers; Water clear
D10	21 Nov 2018	Arrive Time	904
D10	21 Nov 2018	Weather	Sunny
D10	21 Nov 2018	Wind Speed (kts)	2.8
D10	21 Nov 2018	Wind Dir	SE
D10	21 Nov 2018	Animal Life	None
D10	21 Nov 2018	Floatables	None
D10	21 Nov 2018	Water Color	Green
D10	21 Nov 2018	Current Direction	N
D10	21 Nov 2018	Water Temp (C)	15
D10	21 Nov 2018	Wave Height Low (ft)	4
D10	21 Nov 2018	High Tide (ft)	6
D10	21 Nov 2018	High Tide Time	710
D10	21 Nov 2018	Low Tide (ft)	-0.2
D10	21 Nov 2018	Low Tide Time	1359
D10	21 Nov 2018	Comments	Kelp; Seagrass; 3 Persons; 17 Surfers; Water clear
D10	28 Nov 2018	Arrive Time	901
D10	28 Nov 2018	Weather	Partly Cloudy
D10	28 Nov 2018	Wind Speed (kts)	2.3
D10	28 Nov 2018	Wind Dir	N
D10	28 Nov 2018	Animal Life	None
D10	28 Nov 2018	Floatables	None
D10	28 Nov 2018	Water Color	Yellow
D10	28 Nov 2018	Current Direction	N
D10	28 Nov 2018	Water Temp (C)	16
D10	28 Nov 2018	Wave Height Low (ft)	5
D10	28 Nov 2018	High Tide (ft)	3.8
D10	28 Nov 2018	High Tide Time	145
D10	28 Nov 2018	Low Tide (ft)	2.7

Station	Date	Parameter	Value
D10	28 Nov 2018	Low Tide Time	631
D10	28 Nov 2018	Comments	10 Persons; 4 Surfers; Water clear
D11	07 Nov 2018	Arrive Time	1039
D11	07 Nov 2018	Weather	Partly Cloudy
D11	07 Nov 2018	Wind Speed (kts)	4.2
D11	07 Nov 2018	Wind Dir	W
D11	07 Nov 2018	Animal Life	None
D11	07 Nov 2018	Floatables	None
D11	07 Nov 2018	Water Color	Green
D11	07 Nov 2018	Current Direction	N
D11	07 Nov 2018	Water Temp (C)	16
D11	07 Nov 2018	Wave Height Low (ft)	4
D11	07 Nov 2018	High Tide (ft)	6.2
D11	07 Nov 2018	High Tide Time	810
D11	07 Nov 2018	Low Tide (ft)	-0.5
D11	07 Nov 2018	Low Tide Time	1459
D11	07 Nov 2018	Comments	Kelp; Seagrass; 30 Surfers; Water clear
D11	14 Nov 2018	Arrive Time	918
D11	14 Nov 2018	Weather	Partly Cloudy
D11	14 Nov 2018	Wind Speed (kts)	0.2
D11	14 Nov 2018	Wind Dir	N
D11	14 Nov 2018	Animal Life	None
D11	14 Nov 2018	Floatables	None
D11	14 Nov 2018	Water Color	Green
D11	14 Nov 2018	Current Direction	N
D11	14 Nov 2018	Water Temp (C)	19
D11	14 Nov 2018	Wave Height Low (ft)	3
D11	14 Nov 2018	High Tide (ft)	3.5
D11	14 Nov 2018	High Tide Time	344
D11	14 Nov 2018	Low Tide (ft)	3.3
D11	14 Nov 2018	Low Tide Time	741
D11	14 Nov 2018	Comments	1 Jogger; 3 Persons; 6 Surfers; Water clear
D11	21 Nov 2018	Arrive Time	838
D11	21 Nov 2018	Weather	Sunny
D11	21 Nov 2018	Wind Speed (kts)	4.4
D11	21 Nov 2018	Wind Dir	SE
D11	21 Nov 2018	Animal Life	None
D11	21 Nov 2018	Floatables	None
D11	21 Nov 2018	Water Color	Green
D11	21 Nov 2018	Current Direction	N
D11	21 Nov 2018	Water Temp (C)	15
D11	21 Nov 2018	Wave Height Low (ft)	3
D11	21 Nov 2018	High Tide (ft)	6
D11	21 Nov 2018	High Tide Time	710
D11	21 Nov 2018	Low Tide (ft)	-0.2
D11	21 Nov 2018	Low Tide Time	1359
D11	21 Nov 2018	Comments	Kelp; Seagrass; 7 Persons; 12 Surfers; Water clear
D11	28 Nov 2018	Arrive Time	835
D11	28 Nov 2018	Weather	Sunny
D11	28 Nov 2018	Wind Speed (kts)	3.3
D11	28 Nov 2018	Wind Dir	NE

Station	Date	Parameter	Value
D11	28 Nov 2018	Animal Life	2 Dogs
D11	28 Nov 2018	Floatables	None
D11	28 Nov 2018	Water Color	Colorless
D11	28 Nov 2018	Current Direction	N
D11	28 Nov 2018	Water Temp (C)	16
D11	28 Nov 2018	Wave Height Low (ft)	6
D11	28 Nov 2018	High Tide (ft)	3.8
D11	28 Nov 2018	High Tide Time	145
D11	28 Nov 2018	Low Tide (ft)	2.7
D11	28 Nov 2018	Low Tide Time	631
D11	28 Nov 2018	Comments	12 Persons; 4 Surfers; Water clear
D12	07 Nov 2018	Arrive Time	1104
D12	07 Nov 2018	Weather	Partly Cloudy
D12	07 Nov 2018	Wind Speed (kts)	6.7
D12	07 Nov 2018	Wind Dir	W
D12	07 Nov 2018	Animal Life	None
D12	07 Nov 2018	Floatables	None
D12	07 Nov 2018	Water Color	Green
D12	07 Nov 2018	Current Direction	N
D12	07 Nov 2018	Water Temp (C)	16
D12	07 Nov 2018	Wave Height Low (ft)	5
D12	07 Nov 2018	High Tide (ft)	6.2
D12	07 Nov 2018	High Tide Time	810
D12	07 Nov 2018	Low Tide (ft)	-0.5
D12	07 Nov 2018	Low Tide Time	1459
D12	07 Nov 2018	Comments	Kelp; Seagrass; Water clear
D12	14 Nov 2018	Arrive Time	841
D12	14 Nov 2018	Weather	Partly Cloudy
D12	14 Nov 2018	Wind Speed (kts)	0.1
D12	14 Nov 2018	Wind Dir	N
D12	14 Nov 2018	Animal Life	None
D12	14 Nov 2018	Floatables	None
D12	14 Nov 2018	Water Color	Green
D12	14 Nov 2018	Current Direction	N
D12	14 Nov 2018	Water Temp (C)	19
D12	14 Nov 2018	Wave Height Low (ft)	2
D12	14 Nov 2018	High Tide (ft)	3.5
D12	14 Nov 2018	High Tide Time	344
D12	14 Nov 2018	Low Tide (ft)	3.3
D12	14 Nov 2018	Low Tide Time	741
D12	14 Nov 2018	Comments	Kelp; Seagrass; 1 Jogger; 5 Persons; Water clear
D12	21 Nov 2018	Arrive Time	813
D12	21 Nov 2018	Weather	Sunny
D12	21 Nov 2018	Wind Speed (kts)	5.4
D12	21 Nov 2018	Wind Dir	SE
D12	21 Nov 2018	Animal Life	None
D12	21 Nov 2018	Floatables	None
D12	21 Nov 2018	Water Color	Green
D12	21 Nov 2018	Current Direction	N
D12	21 Nov 2018	Water Temp (C)	15
D12	21 Nov 2018	Wave Height Low (ft)	3
D12	21 Nov 2018	High Tide (ft)	6

Station	Date	Parameter	Value
D12	21 Nov 2018	High Tide Time	710
D12	21 Nov 2018	Low Tide (ft)	-0.2
D12	21 Nov 2018	Low Tide Time	1359
D12	21 Nov 2018	Comments	Kelp; Seagrass; 1 Person; 3 Surfers; Water clear
D12	28 Nov 2018	Arrive Time	806
D12	28 Nov 2018	Weather	Partly Cloudy
D12	28 Nov 2018	Wind Speed (kts)	2.9
D12	28 Nov 2018	Wind Dir	E
D12	28 Nov 2018	Animal Life	None
D12	28 Nov 2018	Floatables	None
D12	28 Nov 2018	Water Color	Green
D12	28 Nov 2018	Current Direction	N
D12	28 Nov 2018	Water Temp (C)	15
D12	28 Nov 2018	Wave Height Low (ft)	4
D12	28 Nov 2018	High Tide (ft)	3.8
D12	28 Nov 2018	High Tide Time	145
D12	28 Nov 2018	Low Tide (ft)	2.7
D12	28 Nov 2018	Low Tide Time	631
D12	28 Nov 2018	Comments	5 Persons; 3 Surfers; Water clear

Kelp Stations

Table 3.1

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for total coliform bacteria at the PLOO kelp stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >1,000 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2018	5*	6*	7*	6*	9*	3*	3*	3*
02 Nov 2018	5*	6*	7*	6*	9*	3*	3*	3*
03 Nov 2018	5*	6*	7*	6*	9*	3*	3*	3*
04 Nov 2018	5*	6*	7*	6*	9*	3*	3*	3*
05 Nov 2018	4	5	5	5	7	3	3	3
06 Nov 2018	4	5	5	5	7	3	3	3
07 Nov 2018	3*	4*	5*	4*	5*	2*	2*	2*
08 Nov 2018	3*	4*	5*	4*	5*	2*	2*	2*
09 Nov 2018	3*	4*	5*	4*	5*	2*	2*	2*
10 Nov 2018	3*	4*	5*	4*	5*	2*	2*	2*
11 Nov 2018	3*	4*	5*	4*	5*	2*	2*	2*
12 Nov 2018	3*	4*	5*	4*	5*	2*	2*	2*
13 Nov 2018	3*	4*	5*	4*	5*	2*	2*	2*
14 Nov 2018	3*	3*	5*	2*	3*	2*	2*	2*
15 Nov 2018	3*	3*	5*	2*	3*	2*	2*	2*
16 Nov 2018	3*	3*	5*	2*	3*	2*	2*	2*
17 Nov 2018	3*	3*	5*	2*	3*	2*	2*	2*
18 Nov 2018	3*	3*	5*	2*	3*	2*	2*	2*
19 Nov 2018	3	3	4	3	4	2	2	2
20 Nov 2018	3	3	4	3	4	2	2	2
21 Nov 2018	3*	3*	5*	3*	5*	2*	2*	2*
22 Nov 2018	3*	3*	5*	3*	5*	2*	2*	2*
23 Nov 2018	3*	3*	5*	3*	5*	2*	2*	2*
24 Nov 2018	3*	3*	5*	3*	5*	2*	2*	2*
25 Nov 2018	3*	3*	5*	3*	5*	2*	2*	2*
26 Nov 2018	4	3	4	5	6	2	2	2
27 Nov 2018	4	3	4	5	6	2	2	2
28 Nov 2018	4*	3*	3*	6*	5*	2*	2*	2*
29 Nov 2018	4*	3*	3*	6*	5*	2*	2*	2*
30 Nov 2018	4*	3*	3*	6*	5*	2*	2*	2*

* Geometric mean calculated using n<5

Table 3.2

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for fecal coliform bacteria at the PLOO kelp stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >200 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
02 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
03 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
04 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
05 Nov 2018	2	2	2	2	2	2	2	2
06 Nov 2018	2	2	2	2	2	2	2	2
07 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
08 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
09 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
10 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
11 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
12 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
13 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
14 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
15 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
16 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
17 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
18 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
19 Nov 2018	2	2	2	2	2	2	2	2
20 Nov 2018	2	2	2	2	2	2	2	2
21 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
22 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
23 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
24 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
25 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
26 Nov 2018	2	2	2	2	2	2	2	2
27 Nov 2018	2	2	2	2	2	2	2	2
28 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
29 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
30 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*

* Geometric mean calculated using n<5

Table 3.3

Summary of compliance with the Ocean Plan's 30-day Geometric Mean standard for *Enterococcus* at the PLOO kelp stations. Data are based on the geometric mean of the five most recent samples from each site over the previous 30 days unless otherwise noted (*). Values >35 CFU/100 mL exceed the standard.

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
02 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
03 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
04 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
05 Nov 2018	2	2	2	2	3	2	2	2
06 Nov 2018	2	2	2	2	3	2	2	2
07 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
08 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
09 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
10 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
11 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
12 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
13 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
14 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
15 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
16 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
17 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
18 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
19 Nov 2018	2	2	2	2	3	2	2	2
20 Nov 2018	2	2	2	2	3	2	2	2
21 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
22 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
23 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
24 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
25 Nov 2018	2*	2*	2*	2*	3*	2*	2*	2*
26 Nov 2018	2	2	2	2	3	2	2	2
27 Nov 2018	2	2	2	2	3	2	2	2
28 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
29 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*
30 Nov 2018	2*	2*	2*	2*	2*	2*	2*	2*

* Geometric mean calculated using n<5

Table 3.4

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for total coliform bacteria, which states that total coliform density shall not exceed 10,000 CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
05 Nov 2018	IC							
14 Nov 2018	IC							
19 Nov 2018	IC							
26 Nov 2018	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.5

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for fecal coliform bacteria, which states that fecal coliform density shall not exceed 400 CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
05 Nov 2018	IC							
14 Nov 2018	IC							
19 Nov 2018	IC							
26 Nov 2018	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.6

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 104 CFU/100 mL.

Date	A1	A6	A7	C4	C5	C6	C7	C8
05 Nov 2018	IC							
14 Nov 2018	IC							
19 Nov 2018	IC							
26 Nov 2018	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.7

Summary of compliance at the PLOO kelp stations with the Ocean Plan's Single Sample Maximum standard for total coliform bacteria and the fecal/total coliform ratio (F:T), which states that total coliform density shall not exceed 1,000 CFU/100 mL when F:T > 0.1.

Date	A1	A6	A7	C4	C5	C6	C7	C8
05 Nov 2018	IC							
14 Nov 2018	IC							
19 Nov 2018	IC							
26 Nov 2018	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 3.8

Summary of water quality parameters at the PLOO kelp stations for each sample date. Densities of total coliform (Total), fecal coliform (Fecal) and *Enterococcus* (Entero) bacteria are reported as CFU/100 mL; the fecal:total coliform ratio (F:T) is unitless; values for temperature (Temp, °C), transmissivity (XMS, %), dissolved oxygen (DO, mg/L), salinity (Sal, ppt) and pH were extracted from CTD profile data for depths closest to those at which the bacteriological samples were collected. Comments follow the data summary.

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	Temp	XMS	DO	Sal	pH
A1	05 Nov 2018	754	1	<2	<2	<2	1.00	19.1	87.39	7.9	33.72	8.1
A1	05 Nov 2018	754	12	<2	<2	<2	1.00	18.5	87.20	7.9	33.67	8.1
A1	05 Nov 2018	754	18	2e	<2	<2	1.00	16.8	86.34	7.8	33.59	8.1
A1	14 Nov 2018	801	1	<2	<2	<2	1.00	18.1	88.25	7.8	33.68	7.9
A1	14 Nov 2018	801	12	<2	<2	<2	1.00	17.8	87.87	7.9	33.64	7.9
A1	14 Nov 2018	801	18	24e	<2	<2	0.08	16.8	87.09	7.7	33.58	7.9
A1	19 Nov 2018	745	1	<2	<2	<2	1.00	17.8	83.10	7.6	33.69	8.1
A1	19 Nov 2018	745	12	2e	<2	<2	1.00	17.8	80.47	7.4	33.70	8.1
A1	19 Nov 2018	745	18	<2	<2	<2	1.00	17.8	80.70	7.3	33.70	8.1
A1	26 Nov 2018	754	1	<2	<2	2e	1.00	17.8	85.13	7.8	33.70	8.1
A1	26 Nov 2018	754	12	2e	<2	<2	1.00	17.1	85.49	7.5	33.67	8.1
A1	26 Nov 2018	754	18	18e	<2	<2	0.11	16.1	86.76	7.3	33.60	8.1
A6	05 Nov 2018	825	1	<2	<2	<2	1.00	18.8	87.38	7.9	33.69	8.2
A6	05 Nov 2018	825	12	<2	<2	<2	1.00	18.1	86.55	8.0	33.64	8.1
A6	05 Nov 2018	825	18	<2	<2	<2	1.00	17.7	86.31	7.9	33.61	8.1
A6	14 Nov 2018	834	1	<2	<2	<2	1.00	18.1	86.97	7.9	33.68	8.0
A6	14 Nov 2018	834	12	8e	<2	<2	0.25	17.3	86.74	7.6	33.62	8.0
A6	14 Nov 2018	834	18	2e	<2	<2	1.00	16.1	87.06	7.6	33.55	7.9
A6	19 Nov 2018	809	1	4e	<2	<2	0.50	17.9	84.76	7.6	33.69	8.1
A6	19 Nov 2018	809	12	<2	<2	<2	1.00	17.8	85.87	7.8	33.68	8.1
A6	19 Nov 2018	809	18	<2	<2	<2	1.00	17.7	85.85	7.8	33.67	8.1
A6	26 Nov 2018	818	1	2e	<2	<2	1.00	17.8	82.81	7.6	33.70	8.1
A6	26 Nov 2018	818	12	<2	<2	<2	1.00	16.9	86.06	7.5	33.64	8.1
A6	26 Nov 2018	818	18	2e	<2	<2	1.00	16.6	86.30	7.3	33.63	8.1
A7	05 Nov 2018	810	1	<2	<2	<2	1.00	19.0	87.68	7.8	33.70	8.1
A7	05 Nov 2018	810	12	<2	<2	<2	1.00	18.1	86.54	8.0	33.63	8.1
A7	05 Nov 2018	810	18	<2	<2	<2	1.00	17.0	86.32	7.8	33.60	8.1
A7	14 Nov 2018	816	1	<2	<2	<2	1.00	18.1	87.20	7.8	33.67	8.0
A7	14 Nov 2018	816	12	<2	<2	<2	1.00	17.9	87.02	7.8	33.66	8.0
A7	14 Nov 2018	816	18	34e	<2	<2	0.06	16.0	87.17	7.7	33.54	7.9
A7	19 Nov 2018	758	1	<2	<2	<2	1.00	18.0	79.68	7.7	33.72	8.1
A7	19 Nov 2018	758	12	<2	<2	<2	1.00	17.8	84.07	7.7	33.68	8.1
A7	19 Nov 2018	758	18	<2	<2	<2	1.00	17.7	83.37	7.6	33.68	8.1
A7	26 Nov 2018	804	1	<2	<2	<2	1.00	17.9	80.03	7.7	33.71	8.1
A7	26 Nov 2018	804	12	4e	<2	<2	0.50	17.7	84.65	7.7	33.70	8.1
A7	26 Nov 2018	804	18	<2	<2	<2	1.00	16.8	85.77	7.4	33.64	8.1

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	Temp	XMS	DO	Sal	pH
C4	05 Nov 2018	942	1	<2	<2	<2	1.00	18.4	76.10	8.8	33.62	8.2
C4	05 Nov 2018	942	3	<2	<2	<2	1.00	18.3	75.91	9.0	33.62	8.2
C4	05 Nov 2018	942	9	<2	<2	<2	1.00	17.1	77.70	7.6	33.87	8.2
C4	14 Nov 2018	943	1	<2	<2	<2	1.00	18.1	72.16	7.6	33.71	8.0
C4	14 Nov 2018	943	3	4e	<2	<2	0.50	18.0	70.62	7.2	33.73	8.0
C4	14 Nov 2018	943	9	4e	<2	<2	0.50	18.0	67.66	7.8	33.73	8.0
C4	19 Nov 2018	921	1	<2	<2	<2	1.00	17.9	80.92	7.7	33.70	8.2
C4	19 Nov 2018	921	3	<20	<2	<2	0.10	17.8	78.38	7.7	33.70	8.2
C4	19 Nov 2018	921	9	2e	2e	<2	1.00	17.8	77.73	7.4	33.71	8.1
C4	26 Nov 2018	933	1	<20	<2	<2	0.10	18.0	72.99	7.0	33.72	8.1
C4	26 Nov 2018	933	3	<20	<2	<2	0.10	18.0	72.87	7.0	33.72	8.1
C4	26 Nov 2018	933	9	<20	<2	<2	0.10	18.0	69.86	6.7	33.72	8.1
C5	05 Nov 2018	929	1	<2	<2	<2	1.00	18.8	84.11	7.9	33.69	8.2
C5	05 Nov 2018	929	3	<2	<2	<2	1.00	18.6	81.44	8.0	33.69	8.2
C5	05 Nov 2018	929	9	<2	<2	<2	1.00	17.1	81.23	7.2	33.60	8.1
C5	14 Nov 2018	931	1	<2	<2	<2	1.00	18.1	84.01	8.2	33.71	8.0
C5	14 Nov 2018	931	3	<2	<2	<2	1.00	18.1	83.73	8.3	33.70	8.0
C5	14 Nov 2018	931	9	<2	<2	<2	1.00	18.0	80.98	7.9	33.71	8.0
C5	19 Nov 2018	910	1	<20	<2	<2	0.10	18.1	67.31	7.1	33.77	8.1
C5	19 Nov 2018	910	3	<20	<2	<2	0.10	18.1	67.25	7.1	33.77	8.1
C5	19 Nov 2018	910	9	<20	<2	<2	0.10	18.1	54.89	7.0	33.77	8.1
C5	26 Nov 2018	923	1	<2	<2	<2	1.00	18.0	78.86	7.1	33.71	8.1
C5	26 Nov 2018	923	3	<2	<2	<2	1.00	17.9	78.40	7.1	33.72	8.1
C5	26 Nov 2018	923	9	<20	<2	<2	0.10	17.8	66.30	6.4	33.71	8.1
C6	05 Nov 2018	916	1	<2	<2	<2	1.00	18.4	80.00	8.2	33.64	8.2
C6	05 Nov 2018	916	3	<2	<2	<2	1.00	18.4	81.36	8.3	33.64	8.2
C6	05 Nov 2018	916	9	<2	<2	<2	1.00	17.2	83.04	6.7	33.60	8.0
C6	14 Nov 2018	922	1	<2	<2	<2	1.00	18.1	86.21	8.0	33.69	8.0
C6	14 Nov 2018	922	3	<2	<2	<2	1.00	18.1	85.96	8.1	33.69	8.0
C6	14 Nov 2018	922	9	<2	<2	<2	1.00	18.0	85.96	7.8	33.68	8.0
C6	19 Nov 2018	855	1	<2	<2	<2	1.00	18.1	78.37	7.3	33.72	8.2
C6	19 Nov 2018	855	3	<2	<2	<2	1.00	18.1	78.21	7.3	33.72	8.1
C6	19 Nov 2018	855	9	2e	<2	<2	1.00	17.9	77.42	6.8	33.69	8.1
C6	26 Nov 2018	910	1	<2	<2	<2	1.00	17.9	77.77	7.3	33.72	8.1
C6	26 Nov 2018	910	3	<2	<2	<2	1.00	17.9	77.42	7.5	33.72	8.1
C6	26 Nov 2018	910	9	<2	<2	<2	1.00	17.8	79.77	6.8	33.71	8.1
C7	05 Nov 2018	841	1	<2	<2	<2	1.00	18.8	87.52	7.8	33.70	8.2
C7	05 Nov 2018	841	12	<2	<2	<2	1.00	18.1	86.46	8.0	33.64	8.1
C7	05 Nov 2018	841	18	<2	<2	<2	1.00	16.5	84.91	7.0	33.56	8.1
C7	14 Nov 2018	849	1	<2	<2	<2	1.00	18.1	86.25	7.8	33.67	8.0
C7	14 Nov 2018	849	12	<2	<2	<2	1.00	18.1	85.50	7.8	33.67	8.0

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	Temp	XMS	DO	Sal	pH
C7	14 Nov 2018	849	18	<2	2e	<2	1.00	17.2	86.86	7.5	33.61	7.9
C7	19 Nov 2018	825	1	<2	<2	<2	1.00	18.0	84.33	7.6	33.69	8.1
C7	19 Nov 2018	825	12	<2	<2	<2	1.00	17.7	86.34	7.8	33.67	8.1
C7	19 Nov 2018	825	18	2e	<2	<2	1.00	17.4	86.06	7.6	33.65	8.1
C7	26 Nov 2018	838	1	<2	<2	<2	1.00	17.8	83.92	7.8	33.70	8.1
C7	26 Nov 2018	838	12	<2	<2	<2	1.00	17.7	85.61	7.7	33.69	8.1
C7	26 Nov 2018	838	18	<2	<2	<2	1.00	16.7	86.42	7.6	33.62	8.1
C8	05 Nov 2018	854	1	<2	<2	<2	1.00	18.7	86.55	7.9	33.69	8.2
C8	05 Nov 2018	854	12	<2	<2	<2	1.00	17.8	85.94	7.9	33.61	8.1
C8	05 Nov 2018	854	18	<2	<2	<2	1.00	16.6	84.82	7.4	33.56	8.1
C8	14 Nov 2018	902	1	<2	<2	<2	1.00	18.1	85.52	7.9	33.67	8.0
C8	14 Nov 2018	902	12	<2	<2	<2	1.00	18.0	85.46	7.8	33.66	8.0
C8	14 Nov 2018	902	18	2e	<2	<2	1.00	17.1	87.15	7.7	33.59	8.0
C8	19 Nov 2018	837	1	2e	2e	<2	1.00	18.1	84.76	6.3	33.56	8.1
C8	19 Nov 2018	837	12	4e	6e	<2	1.50	17.6	85.90	7.6	33.66	8.1
C8	19 Nov 2018	837	18	<2	<2	<2	1.00	17.3	85.67	7.4	33.65	8.1
C8	26 Nov 2018	850	1	<2	<2	<2	1.00	17.9	85.07	7.8	33.70	8.1
C8	26 Nov 2018	850	12	<2	<2	<2	1.00	17.2	86.11	7.6	33.65	8.1
C8	26 Nov 2018	850	18	<2	<2	<2	1.00	16.3	87.24	7.4	33.61	8.1

ns = not sampled

ND = no data

Table 3.9

Summary of visual observations made during the month for each PLOO kelp bed station by sample date.

Station	Date	Parameter	Value
A1	05 Nov 2018	Depth (m)	18
A1	05 Nov 2018	Arrive Time	754
A1	05 Nov 2018	Depart Time	800
A1	05 Nov 2018	Air Temp (C)	14
A1	05 Nov 2018	Weather	Fog
A1	05 Nov 2018	Visibility (mi)	1
A1	05 Nov 2018	Wind Speed (kts)	4
A1	05 Nov 2018	Wind Dir	E
A1	05 Nov 2018	Water Color	Greenish-Blue
A1	05 Nov 2018	Wave Ht Low (ft)	3
A1	05 Nov 2018	Wave Period (sec)	11
A1	05 Nov 2018	Sea State	Calm
A1	05 Nov 2018	High Tide (ft)	5.95
A1	05 Nov 2018	High Tide Time	707
A1	05 Nov 2018	Low Tide (ft)	0.29
A1	05 Nov 2018	Low Tide Time	1254
A1	05 Nov 2018	Comments	none
A1	14 Nov 2018	Depth (m)	17
A1	14 Nov 2018	Arrive Time	801
A1	14 Nov 2018	Depart Time	809
A1	14 Nov 2018	Air Temp (C)	18
A1	14 Nov 2018	Weather	Partly Cloudy
A1	14 Nov 2018	Visibility (mi)	10
A1	14 Nov 2018	Wind Speed (kts)	3
A1	14 Nov 2018	Wind Dir	SW
A1	14 Nov 2018	Water Color	Greenish-Blue
A1	14 Nov 2018	Wave Ht Low (ft)	3
A1	14 Nov 2018	Wave Period (sec)	9
A1	14 Nov 2018	Sea State	Calm
A1	14 Nov 2018	High Tide (ft)	3.54
A1	14 Nov 2018	High Tide Time	344
A1	14 Nov 2018	Low Tide (ft)	3.27
A1	14 Nov 2018	Low Tide Time	741
A1	14 Nov 2018	Comments	Lobster floats
A1	19 Nov 2018	Depth (m)	19
A1	19 Nov 2018	Arrive Time	745
A1	19 Nov 2018	Depart Time	751
A1	19 Nov 2018	Air Temp (C)	18
A1	19 Nov 2018	Weather	Partly Cloudy
A1	19 Nov 2018	Visibility (mi)	7
A1	19 Nov 2018	Wind Speed (kts)	8
A1	19 Nov 2018	Wind Dir	NW
A1	19 Nov 2018	Water Color	Green
A1	19 Nov 2018	Wave Ht Low (ft)	3
A1	19 Nov 2018	Wave Period (sec)	13
A1	19 Nov 2018	Sea State	Calm
A1	19 Nov 2018	High Tide (ft)	5.22
A1	19 Nov 2018	High Tide Time	615
A1	19 Nov 2018	Low Tide (ft)	0.84

Station	Date	Parameter	Value
A1	19 Nov 2018	Low Tide Time	48
A1	19 Nov 2018	Comments	Kelp; Lobster floats
A1	26 Nov 2018	Depth (m)	19
A1	26 Nov 2018	Arrive Time	754
A1	26 Nov 2018	Depart Time	758
A1	26 Nov 2018	Air Temp (C)	18
A1	26 Nov 2018	Weather	Clear
A1	26 Nov 2018	Visibility (mi)	15
A1	26 Nov 2018	Wind Speed (kts)	0
A1	26 Nov 2018	Wind Dir	
A1	26 Nov 2018	Water Color	Green
A1	26 Nov 2018	Wave Ht Low (ft)	4
A1	26 Nov 2018	Wave Period (sec)	11
A1	26 Nov 2018	Sea State	Calm
A1	26 Nov 2018	High Tide (ft)	6.02
A1	26 Nov 2018	High Tide Time	1017
A1	26 Nov 2018	Low Tide (ft)	2.19
A1	26 Nov 2018	Low Tide Time	407
A1	26 Nov 2018	Comments	none
A6	05 Nov 2018	Depth (m)	18
A6	05 Nov 2018	Arrive Time	825
A6	05 Nov 2018	Depart Time	829
A6	05 Nov 2018	Air Temp (C)	15
A6	05 Nov 2018	Weather	Fog
A6	05 Nov 2018	Visibility (mi)	1
A6	05 Nov 2018	Wind Speed (kts)	2
A6	05 Nov 2018	Wind Dir	S
A6	05 Nov 2018	Water Color	Greenish-Blue
A6	05 Nov 2018	Wave Ht Low (ft)	3
A6	05 Nov 2018	Wave Period (sec)	11
A6	05 Nov 2018	Sea State	Calm
A6	05 Nov 2018	High Tide (ft)	5.95
A6	05 Nov 2018	High Tide Time	707
A6	05 Nov 2018	Low Tide (ft)	0.29
A6	05 Nov 2018	Low Tide Time	1254
A6	05 Nov 2018	Comments	Kelp; Lobster floats
A6	14 Nov 2018	Depth (m)	19
A6	14 Nov 2018	Arrive Time	834
A6	14 Nov 2018	Depart Time	839
A6	14 Nov 2018	Air Temp (C)	18
A6	14 Nov 2018	Weather	Partly Cloudy
A6	14 Nov 2018	Visibility (mi)	10
A6	14 Nov 2018	Wind Speed (kts)	1
A6	14 Nov 2018	Wind Dir	W
A6	14 Nov 2018	Water Color	Greenish-Blue
A6	14 Nov 2018	Wave Ht Low (ft)	3
A6	14 Nov 2018	Wave Period (sec)	9
A6	14 Nov 2018	Sea State	Calm
A6	14 Nov 2018	High Tide (ft)	3.54
A6	14 Nov 2018	High Tide Time	344
A6	14 Nov 2018	Low Tide (ft)	3.27
A6	14 Nov 2018	Low Tide Time	741

Station	Date	Parameter	Value
A6	14 Nov 2018	Comments	Lobster floats
A6	19 Nov 2018	Depth (m)	19
A6	19 Nov 2018	Arrive Time	809
A6	19 Nov 2018	Depart Time	817
A6	19 Nov 2018	Air Temp (C)	18
A6	19 Nov 2018	Weather	Partly Cloudy
A6	19 Nov 2018	Visibility (mi)	7
A6	19 Nov 2018	Wind Speed (kts)	3
A6	19 Nov 2018	Wind Dir	NW
A6	19 Nov 2018	Water Color	Green
A6	19 Nov 2018	Wave Ht Low (ft)	3
A6	19 Nov 2018	Wave Period (sec)	13
A6	19 Nov 2018	Sea State	Calm
A6	19 Nov 2018	High Tide (ft)	5.22
A6	19 Nov 2018	High Tide Time	615
A6	19 Nov 2018	Low Tide (ft)	0.84
A6	19 Nov 2018	Low Tide Time	48
A6	19 Nov 2018	Comments	Kelp; Lobster floats
A6	26 Nov 2018	Depth (m)	19
A6	26 Nov 2018	Arrive Time	818
A6	26 Nov 2018	Depart Time	829
A6	26 Nov 2018	Air Temp (C)	18
A6	26 Nov 2018	Weather	Clear
A6	26 Nov 2018	Visibility (mi)	15
A6	26 Nov 2018	Wind Speed (kts)	4
A6	26 Nov 2018	Wind Dir	NW
A6	26 Nov 2018	Water Color	Green
A6	26 Nov 2018	Wave Ht Low (ft)	4
A6	26 Nov 2018	Wave Period (sec)	11
A6	26 Nov 2018	Sea State	Calm
A6	26 Nov 2018	High Tide (ft)	6.02
A6	26 Nov 2018	High Tide Time	1017
A6	26 Nov 2018	Low Tide (ft)	2.19
A6	26 Nov 2018	Low Tide Time	407
A6	26 Nov 2018	Comments	Kelp; Lobster floats
A7	05 Nov 2018	Depth (m)	20
A7	05 Nov 2018	Arrive Time	810
A7	05 Nov 2018	Depart Time	814
A7	05 Nov 2018	Air Temp (C)	15
A7	05 Nov 2018	Weather	Fog
A7	05 Nov 2018	Visibility (mi)	1
A7	05 Nov 2018	Wind Speed (kts)	6
A7	05 Nov 2018	Wind Dir	E
A7	05 Nov 2018	Water Color	Greenish-Blue
A7	05 Nov 2018	Wave Ht Low (ft)	3
A7	05 Nov 2018	Wave Period (sec)	11
A7	05 Nov 2018	Sea State	Calm
A7	05 Nov 2018	High Tide (ft)	5.95
A7	05 Nov 2018	High Tide Time	707
A7	05 Nov 2018	Low Tide (ft)	0.29
A7	05 Nov 2018	Low Tide Time	1254
A7	05 Nov 2018	Comments	Kelp; Lobster floats

Station	Date	Parameter	Value
A7	14 Nov 2018	Depth (m)	18
A7	14 Nov 2018	Arrive Time	816
A7	14 Nov 2018	Depart Time	824
A7	14 Nov 2018	Air Temp (C)	18
A7	14 Nov 2018	Weather	Partly Cloudy
A7	14 Nov 2018	Visibility (mi)	10
A7	14 Nov 2018	Wind Speed (kts)	2
A7	14 Nov 2018	Wind Dir	W
A7	14 Nov 2018	Water Color	Greenish-Blue
A7	14 Nov 2018	Wave Ht Low (ft)	3
A7	14 Nov 2018	Wave Period (sec)	9
A7	14 Nov 2018	Sea State	Calm
A7	14 Nov 2018	High Tide (ft)	3.54
A7	14 Nov 2018	High Tide Time	344
A7	14 Nov 2018	Low Tide (ft)	3.27
A7	14 Nov 2018	Low Tide Time	741
A7	14 Nov 2018	Comments	none
A7	19 Nov 2018	Depth (m)	19
A7	19 Nov 2018	Arrive Time	758
A7	19 Nov 2018	Depart Time	805
A7	19 Nov 2018	Air Temp (C)	18
A7	19 Nov 2018	Weather	Partly Cloudy
A7	19 Nov 2018	Visibility (mi)	7
A7	19 Nov 2018	Wind Speed (kts)	4
A7	19 Nov 2018	Wind Dir	N
A7	19 Nov 2018	Water Color	Green
A7	19 Nov 2018	Wave Ht Low (ft)	3
A7	19 Nov 2018	Wave Period (sec)	13
A7	19 Nov 2018	Sea State	Calm
A7	19 Nov 2018	High Tide (ft)	5.22
A7	19 Nov 2018	High Tide Time	615
A7	19 Nov 2018	Low Tide (ft)	0.84
A7	19 Nov 2018	Low Tide Time	48
A7	19 Nov 2018	Comments	Kelp; Lobster floats
A7	26 Nov 2018	Depth (m)	19
A7	26 Nov 2018	Arrive Time	804
A7	26 Nov 2018	Depart Time	812
A7	26 Nov 2018	Air Temp (C)	18
A7	26 Nov 2018	Weather	Clear
A7	26 Nov 2018	Visibility (mi)	15
A7	26 Nov 2018	Wind Speed (kts)	4
A7	26 Nov 2018	Wind Dir	NW
A7	26 Nov 2018	Water Color	Green
A7	26 Nov 2018	Wave Ht Low (ft)	4
A7	26 Nov 2018	Wave Period (sec)	11
A7	26 Nov 2018	Sea State	Calm
A7	26 Nov 2018	High Tide (ft)	6.02
A7	26 Nov 2018	High Tide Time	1017
A7	26 Nov 2018	Low Tide (ft)	2.19
A7	26 Nov 2018	Low Tide Time	407
A7	26 Nov 2018	Comments	100's of cormorants on station

Station	Date	Parameter	Value
C4	05 Nov 2018	Depth (m)	10
C4	05 Nov 2018	Arrive Time	942
C4	05 Nov 2018	Depart Time	947
C4	05 Nov 2018	Air Temp (C)	16
C4	05 Nov 2018	Weather	Haze
C4	05 Nov 2018	Visibility (mi)	2
C4	05 Nov 2018	Wind Speed (kts)	2
C4	05 Nov 2018	Wind Dir	E
C4	05 Nov 2018	Water Color	Brownish-Green
C4	05 Nov 2018	Wave Ht Low (ft)	3
C4	05 Nov 2018	Wave Period (sec)	11
C4	05 Nov 2018	Sea State	Calm
C4	05 Nov 2018	High Tide (ft)	5.95
C4	05 Nov 2018	High Tide Time	707
C4	05 Nov 2018	Low Tide (ft)	0.29
C4	05 Nov 2018	Low Tide Time	1254
C4	05 Nov 2018	Comments	Lobster floats
C4	14 Nov 2018	Depth (m)	6
C4	14 Nov 2018	Arrive Time	943
C4	14 Nov 2018	Depart Time	948
C4	14 Nov 2018	Air Temp (C)	19
C4	14 Nov 2018	Weather	Partly Cloudy
C4	14 Nov 2018	Visibility (mi)	10
C4	14 Nov 2018	Wind Speed (kts)	4
C4	14 Nov 2018	Wind Dir	W
C4	14 Nov 2018	Water Color	Green
C4	14 Nov 2018	Wave Ht Low (ft)	3
C4	14 Nov 2018	Wave Period (sec)	9
C4	14 Nov 2018	Sea State	Calm
C4	14 Nov 2018	High Tide (ft)	3.54
C4	14 Nov 2018	High Tide Time	344
C4	14 Nov 2018	Low Tide (ft)	3.27
C4	14 Nov 2018	Low Tide Time	741
C4	14 Nov 2018	Comments	Kelp
C4	19 Nov 2018	Depth (m)	10
C4	19 Nov 2018	Arrive Time	921
C4	19 Nov 2018	Depart Time	926
C4	19 Nov 2018	Air Temp (C)	17
C4	19 Nov 2018	Weather	Partly Cloudy
C4	19 Nov 2018	Visibility (mi)	9
C4	19 Nov 2018	Wind Speed (kts)	6
C4	19 Nov 2018	Wind Dir	SW
C4	19 Nov 2018	Water Color	Green
C4	19 Nov 2018	Wave Ht Low (ft)	3
C4	19 Nov 2018	Wave Period (sec)	13
C4	19 Nov 2018	Sea State	Calm
C4	19 Nov 2018	High Tide (ft)	5.22
C4	19 Nov 2018	High Tide Time	615
C4	19 Nov 2018	Low Tide (ft)	0.84
C4	19 Nov 2018	Low Tide Time	48
C4	19 Nov 2018	Comments	Kelp; Lobster floats
C4	26 Nov 2018	Depth (m)	10

Station	Date	Parameter	Value
C4	26 Nov 2018	Arrive Time	933
C4	26 Nov 2018	Depart Time	940
C4	26 Nov 2018	Air Temp (C)	20
C4	26 Nov 2018	Weather	Clear
C4	26 Nov 2018	Visibility (mi)	15
C4	26 Nov 2018	Wind Speed (kts)	12
C4	26 Nov 2018	Wind Dir	NE
C4	26 Nov 2018	Water Color	Green
C4	26 Nov 2018	Wave Ht Low (ft)	4
C4	26 Nov 2018	Wave Period (sec)	11
C4	26 Nov 2018	Sea State	Calm
C4	26 Nov 2018	High Tide (ft)	6.02
C4	26 Nov 2018	High Tide Time	1017
C4	26 Nov 2018	Low Tide (ft)	2.19
C4	26 Nov 2018	Low Tide Time	407
C4	26 Nov 2018	Comments	Kelp; Lobster floats
C5	05 Nov 2018	Depth (m)	11
C5	05 Nov 2018	Arrive Time	929
C5	05 Nov 2018	Depart Time	932
C5	05 Nov 2018	Air Temp (C)	17
C5	05 Nov 2018	Weather	Fog
C5	05 Nov 2018	Visibility (mi)	1
C5	05 Nov 2018	Wind Speed (kts)	0
C5	05 Nov 2018	Wind Dir	
C5	05 Nov 2018	Water Color	Greenish-Blue
C5	05 Nov 2018	Wave Ht Low (ft)	3
C5	05 Nov 2018	Wave Period (sec)	11
C5	05 Nov 2018	Sea State	Calm
C5	05 Nov 2018	High Tide (ft)	5.95
C5	05 Nov 2018	High Tide Time	707
C5	05 Nov 2018	Low Tide (ft)	0.29
C5	05 Nov 2018	Low Tide Time	1254
C5	05 Nov 2018	Comments	100's of cormorants on station, some pelicans, gulls; Kelp; Lobster floats
C5	14 Nov 2018	Depth (m)	10
C5	14 Nov 2018	Arrive Time	931
C5	14 Nov 2018	Depart Time	936
C5	14 Nov 2018	Air Temp (C)	19
C5	14 Nov 2018	Weather	Partly Cloudy
C5	14 Nov 2018	Visibility (mi)	10
C5	14 Nov 2018	Wind Speed (kts)	2
C5	14 Nov 2018	Wind Dir	W
C5	14 Nov 2018	Water Color	Green
C5	14 Nov 2018	Wave Ht Low (ft)	3
C5	14 Nov 2018	Wave Period (sec)	9
C5	14 Nov 2018	Sea State	Calm
C5	14 Nov 2018	High Tide (ft)	3.54
C5	14 Nov 2018	High Tide Time	344
C5	14 Nov 2018	Low Tide (ft)	3.27
C5	14 Nov 2018	Low Tide Time	741
C5	14 Nov 2018	Comments	Kelp debris; Lobster floats
C5	19 Nov 2018	Depth (m)	10

Station	Date	Parameter	Value
C5	19 Nov 2018	Arrive Time	910
C5	19 Nov 2018	Depart Time	913
C5	19 Nov 2018	Air Temp (C)	18
C5	19 Nov 2018	Weather	Partly Cloudy
C5	19 Nov 2018	Visibility (mi)	9
C5	19 Nov 2018	Wind Speed (kts)	4
C5	19 Nov 2018	Wind Dir	S
C5	19 Nov 2018	Water Color	Green
C5	19 Nov 2018	Wave Ht Low (ft)	3
C5	19 Nov 2018	Wave Period (sec)	13
C5	19 Nov 2018	Sea State	Calm
C5	19 Nov 2018	High Tide (ft)	5.22
C5	19 Nov 2018	High Tide Time	615
C5	19 Nov 2018	Low Tide (ft)	0.84
C5	19 Nov 2018	Low Tide Time	48
C5	19 Nov 2018	Comments	Kelp; Lobster floats
C5	26 Nov 2018	Depth (m)	10
C5	26 Nov 2018	Arrive Time	923
C5	26 Nov 2018	Depart Time	932
C5	26 Nov 2018	Air Temp (C)	20
C5	26 Nov 2018	Weather	Clear
C5	26 Nov 2018	Visibility (mi)	15
C5	26 Nov 2018	Wind Speed (kts)	0
C5	26 Nov 2018	Wind Dir	
C5	26 Nov 2018	Water Color	Green
C5	26 Nov 2018	Wave Ht Low (ft)	4
C5	26 Nov 2018	Wave Period (sec)	11
C5	26 Nov 2018	Sea State	Calm
C5	26 Nov 2018	High Tide (ft)	6.02
C5	26 Nov 2018	High Tide Time	1017
C5	26 Nov 2018	Low Tide (ft)	2.19
C5	26 Nov 2018	Low Tide Time	407
C5	26 Nov 2018	Comments	Kelp
C6	05 Nov 2018	Depth (m)	11
C6	05 Nov 2018	Arrive Time	916
C6	05 Nov 2018	Depart Time	919
C6	05 Nov 2018	Air Temp (C)	16
C6	05 Nov 2018	Weather	Fog
C6	05 Nov 2018	Visibility (mi)	1
C6	05 Nov 2018	Wind Speed (kts)	6
C6	05 Nov 2018	Wind Dir	SE
C6	05 Nov 2018	Water Color	Greenish-Blue
C6	05 Nov 2018	Wave Ht Low (ft)	3
C6	05 Nov 2018	Wave Period (sec)	11
C6	05 Nov 2018	Sea State	Calm
C6	05 Nov 2018	High Tide (ft)	5.95
C6	05 Nov 2018	High Tide Time	707
C6	05 Nov 2018	Low Tide (ft)	0.29
C6	05 Nov 2018	Low Tide Time	1254
C6	05 Nov 2018	Comments	Lobster floats; Kelp
C6	14 Nov 2018	Depth (m)	11
C6	14 Nov 2018	Arrive Time	922

Station	Date	Parameter	Value
C6	14 Nov 2018	Depart Time	927
C6	14 Nov 2018	Air Temp (C)	18
C6	14 Nov 2018	Weather	Partly Cloudy
C6	14 Nov 2018	Visibility (mi)	10
C6	14 Nov 2018	Wind Speed (kts)	4
C6	14 Nov 2018	Wind Dir	W
C6	14 Nov 2018	Water Color	Green
C6	14 Nov 2018	Wave Ht Low (ft)	3
C6	14 Nov 2018	Wave Period (sec)	9
C6	14 Nov 2018	Sea State	Calm
C6	14 Nov 2018	High Tide (ft)	3.54
C6	14 Nov 2018	High Tide Time	344
C6	14 Nov 2018	Low Tide (ft)	3.27
C6	14 Nov 2018	Low Tide Time	741
C6	14 Nov 2018	Comments	Lobster floats; Kelp
C6	19 Nov 2018	Depth (m)	10
C6	19 Nov 2018	Arrive Time	855
C6	19 Nov 2018	Depart Time	901
C6	19 Nov 2018	Air Temp (C)	18
C6	19 Nov 2018	Weather	Partly Cloudy
C6	19 Nov 2018	Visibility (mi)	9
C6	19 Nov 2018	Wind Speed (kts)	5
C6	19 Nov 2018	Wind Dir	E
C6	19 Nov 2018	Water Color	Green
C6	19 Nov 2018	Wave Ht Low (ft)	3
C6	19 Nov 2018	Wave Period (sec)	13
C6	19 Nov 2018	Sea State	Calm
C6	19 Nov 2018	High Tide (ft)	5.22
C6	19 Nov 2018	High Tide Time	615
C6	19 Nov 2018	Low Tide (ft)	0.84
C6	19 Nov 2018	Low Tide Time	48
C6	19 Nov 2018	Comments	Lobster floats; Kelp
C6	26 Nov 2018	Depth (m)	10
C6	26 Nov 2018	Arrive Time	910
C6	26 Nov 2018	Depart Time	917
C6	26 Nov 2018	Air Temp (C)	18
C6	26 Nov 2018	Weather	Clear
C6	26 Nov 2018	Visibility (mi)	15
C6	26 Nov 2018	Wind Speed (kts)	2
C6	26 Nov 2018	Wind Dir	SW
C6	26 Nov 2018	Water Color	Green
C6	26 Nov 2018	Wave Ht Low (ft)	4
C6	26 Nov 2018	Wave Period (sec)	11
C6	26 Nov 2018	Sea State	Calm
C6	26 Nov 2018	High Tide (ft)	6.02
C6	26 Nov 2018	High Tide Time	1017
C6	26 Nov 2018	Low Tide (ft)	2.19
C6	26 Nov 2018	Low Tide Time	407
C6	26 Nov 2018	Comments	Kelp
C7	05 Nov 2018	Depth (m)	20
C7	05 Nov 2018	Arrive Time	841
C7	05 Nov 2018	Depart Time	845

Station	Date	Parameter	Value
C7	05 Nov 2018	Air Temp (C)	16
C7	05 Nov 2018	Weather	Fog
C7	05 Nov 2018	Visibility (mi)	1
C7	05 Nov 2018	Wind Speed (kts)	4
C7	05 Nov 2018	Wind Dir	SE
C7	05 Nov 2018	Water Color	Greenish-Blue
C7	05 Nov 2018	Wave Ht Low (ft)	3
C7	05 Nov 2018	Wave Period (sec)	11
C7	05 Nov 2018	Sea State	Calm
C7	05 Nov 2018	High Tide (ft)	5.95
C7	05 Nov 2018	High Tide Time	707
C7	05 Nov 2018	Low Tide (ft)	0.29
C7	05 Nov 2018	Low Tide Time	1254
C7	05 Nov 2018	Comments	Lobster floats
C7	14 Nov 2018	Depth (m)	19
C7	14 Nov 2018	Arrive Time	849
C7	14 Nov 2018	Depart Time	855
C7	14 Nov 2018	Air Temp (C)	18
C7	14 Nov 2018	Weather	Partly Cloudy
C7	14 Nov 2018	Visibility (mi)	10
C7	14 Nov 2018	Wind Speed (kts)	1
C7	14 Nov 2018	Wind Dir	SW
C7	14 Nov 2018	Water Color	Greenish-Blue
C7	14 Nov 2018	Wave Ht Low (ft)	3
C7	14 Nov 2018	Wave Period (sec)	9
C7	14 Nov 2018	Sea State	Calm
C7	14 Nov 2018	High Tide (ft)	3.54
C7	14 Nov 2018	High Tide Time	344
C7	14 Nov 2018	Low Tide (ft)	3.27
C7	14 Nov 2018	Low Tide Time	741
C7	14 Nov 2018	Comments	Kelp debris; Lobster floats
C7	19 Nov 2018	Depth (m)	18
C7	19 Nov 2018	Arrive Time	825
C7	19 Nov 2018	Depart Time	828
C7	19 Nov 2018	Air Temp (C)	17
C7	19 Nov 2018	Weather	Partly Cloudy
C7	19 Nov 2018	Visibility (mi)	9
C7	19 Nov 2018	Wind Speed (kts)	2
C7	19 Nov 2018	Wind Dir	W
C7	19 Nov 2018	Water Color	Green
C7	19 Nov 2018	Wave Ht Low (ft)	3
C7	19 Nov 2018	Wave Period (sec)	13
C7	19 Nov 2018	Sea State	Calm
C7	19 Nov 2018	High Tide (ft)	5.22
C7	19 Nov 2018	High Tide Time	615
C7	19 Nov 2018	Low Tide (ft)	0.84
C7	19 Nov 2018	Low Tide Time	48
C7	19 Nov 2018	Comments	Kelp; Kelp debris
C7	26 Nov 2018	Depth (m)	19
C7	26 Nov 2018	Arrive Time	838
C7	26 Nov 2018	Depart Time	843
C7	26 Nov 2018	Air Temp (C)	17

Station	Date	Parameter	Value
C7	26 Nov 2018	Weather	Clear
C7	26 Nov 2018	Visibility (mi)	15
C7	26 Nov 2018	Wind Speed (kts)	3
C7	26 Nov 2018	Wind Dir	N
C7	26 Nov 2018	Water Color	Green
C7	26 Nov 2018	Wave Ht Low (ft)	4
C7	26 Nov 2018	Wave Period (sec)	11
C7	26 Nov 2018	Sea State	Calm
C7	26 Nov 2018	High Tide (ft)	6.02
C7	26 Nov 2018	High Tide Time	1017
C7	26 Nov 2018	Low Tide (ft)	2.19
C7	26 Nov 2018	Low Tide Time	407
C7	26 Nov 2018	Comments	Lobster floats; Kelp
C8	05 Nov 2018	Depth (m)	20
C8	05 Nov 2018	Arrive Time	854
C8	05 Nov 2018	Depart Time	858
C8	05 Nov 2018	Air Temp (C)	16
C8	05 Nov 2018	Weather	Fog
C8	05 Nov 2018	Visibility (mi)	1
C8	05 Nov 2018	Wind Speed (kts)	4
C8	05 Nov 2018	Wind Dir	SE
C8	05 Nov 2018	Water Color	Greenish-Blue
C8	05 Nov 2018	Wave Ht Low (ft)	3
C8	05 Nov 2018	Wave Period (sec)	11
C8	05 Nov 2018	Sea State	Calm
C8	05 Nov 2018	High Tide (ft)	5.95
C8	05 Nov 2018	High Tide Time	707
C8	05 Nov 2018	Low Tide (ft)	0.29
C8	05 Nov 2018	Low Tide Time	1254
C8	05 Nov 2018	Comments	Lobster floats; Kelp
C8	14 Nov 2018	Depth (m)	18
C8	14 Nov 2018	Arrive Time	902
C8	14 Nov 2018	Depart Time	908
C8	14 Nov 2018	Air Temp (C)	17
C8	14 Nov 2018	Weather	Partly Cloudy
C8	14 Nov 2018	Visibility (mi)	10
C8	14 Nov 2018	Wind Speed (kts)	2
C8	14 Nov 2018	Wind Dir	NW
C8	14 Nov 2018	Water Color	Greenish-Blue
C8	14 Nov 2018	Wave Ht Low (ft)	3
C8	14 Nov 2018	Wave Period (sec)	9
C8	14 Nov 2018	Sea State	Calm
C8	14 Nov 2018	High Tide (ft)	3.54
C8	14 Nov 2018	High Tide Time	344
C8	14 Nov 2018	Low Tide (ft)	3.27
C8	14 Nov 2018	Low Tide Time	741
C8	14 Nov 2018	Comments	Lobster floats
C8	19 Nov 2018	Depth (m)	18
C8	19 Nov 2018	Arrive Time	837
C8	19 Nov 2018	Depart Time	842
C8	19 Nov 2018	Air Temp (C)	16
C8	19 Nov 2018	Weather	Partly Cloudy

Station	Date	Parameter	Value
C8	19 Nov 2018	Visibility (mi)	9
C8	19 Nov 2018	Wind Speed (kts)	2
C8	19 Nov 2018	Wind Dir	W
C8	19 Nov 2018	Water Color	Green
C8	19 Nov 2018	Wave Ht Low (ft)	3
C8	19 Nov 2018	Wave Period (sec)	13
C8	19 Nov 2018	Sea State	Calm
C8	19 Nov 2018	High Tide (ft)	5.22
C8	19 Nov 2018	High Tide Time	615
C8	19 Nov 2018	Low Tide (ft)	0.84
C8	19 Nov 2018	Low Tide Time	48
C8	19 Nov 2018	Comments	Kelp; Lobster floats
C8	26 Nov 2018	Depth (m)	20
C8	26 Nov 2018	Arrive Time	850
C8	26 Nov 2018	Depart Time	858
C8	26 Nov 2018	Air Temp (C)	18
C8	26 Nov 2018	Weather	Clear
C8	26 Nov 2018	Visibility (mi)	15
C8	26 Nov 2018	Wind Speed (kts)	1
C8	26 Nov 2018	Wind Dir	E
C8	26 Nov 2018	Water Color	Green
C8	26 Nov 2018	Wave Ht Low (ft)	4
C8	26 Nov 2018	Wave Period (sec)	11
C8	26 Nov 2018	Sea State	Calm
C8	26 Nov 2018	High Tide (ft)	6.02
C8	26 Nov 2018	High Tide Time	1017
C8	26 Nov 2018	Low Tide (ft)	2.19
C8	26 Nov 2018	Low Tide Time	407
C8	26 Nov 2018	Comments	Lobster floats; Kelp

Table 3.10

Summary of CTD profile data from the PLOO kelp stations for each sample date.

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A1	05 Nov 2018	1	19.09	87.39	7.9	33.72	8.1	24.0	0.32
A1	05 Nov 2018	2	19.09	85.89	7.8	33.72	8.1	24.0	0.34
A1	05 Nov 2018	3	19.09	87.55	7.8	33.72	8.1	24.0	0.34
A1	05 Nov 2018	4	19.08	87.68	7.8	33.72	8.1	24.0	0.31
A1	05 Nov 2018	5	19.06	87.65	7.8	33.71	8.1	24.0	0.32
A1	05 Nov 2018	6	19.06	87.67	7.8	33.72	8.1	24.0	0.31
A1	05 Nov 2018	7	19.05	87.66	7.8	33.72	8.1	24.0	0.32
A1	05 Nov 2018	8	19.05	87.62	7.8	33.71	8.1	24.0	0.33
A1	05 Nov 2018	9	19.06	87.66	7.8	33.72	8.1	24.0	0.34
A1	05 Nov 2018	10	19.02	87.59	7.8	33.72	8.1	24.0	0.34
A1	05 Nov 2018	11	18.89	87.58	7.8	33.70	8.1	24.1	0.37
A1	05 Nov 2018	12	18.49	87.20	7.9	33.67	8.1	24.1	0.52
A1	05 Nov 2018	13	18.23	86.73	8.0	33.65	8.1	24.2	0.64
A1	05 Nov 2018	14	18.15	86.68	8.0	33.63	8.1	24.2	0.75
A1	05 Nov 2018	15	18.09	86.63	8.0	33.63	8.1	24.2	0.83
A1	05 Nov 2018	16	18.01	86.48	8.0	33.63	8.1	24.2	0.82
A1	05 Nov 2018	17	17.79	86.38	7.8	33.62	8.1	24.3	0.92
A1	05 Nov 2018	18	16.78	86.34	7.8	33.59	8.1	24.5	1.00
A1	05 Nov 2018	19	16.58	86.55	7.8	33.55	8.1	24.5	0.87
A1	14 Nov 2018	1	18.12	88.25	7.8	33.68	7.9	24.2	0.36
A1	14 Nov 2018	2	18.12	88.20	7.8	33.68	7.9	24.2	0.37
A1	14 Nov 2018	3	18.13	88.17	7.8	33.68	7.9	24.2	0.39
A1	14 Nov 2018	4	18.13	88.25	7.8	33.68	7.9	24.2	0.41
A1	14 Nov 2018	5	18.14	88.26	7.8	33.68	7.9	24.2	0.42
A1	14 Nov 2018	6	18.13	88.25	7.8	33.68	7.9	24.2	0.41
A1	14 Nov 2018	7	18.13	88.25	7.8	33.68	7.9	24.2	0.40
A1	14 Nov 2018	8	18.13	88.27	7.8	33.68	7.9	24.2	0.41
A1	14 Nov 2018	9	18.13	88.28	7.8	33.68	8.0	24.2	0.41
A1	14 Nov 2018	10	18.12	88.26	7.8	33.68	8.0	24.2	0.41
A1	14 Nov 2018	11	17.94	88.22	7.8	33.66	7.9	24.3	0.46
A1	14 Nov 2018	12	17.79	87.87	7.9	33.64	7.9	24.3	0.64
A1	14 Nov 2018	13	17.73	87.60	7.8	33.64	7.9	24.3	0.75
A1	14 Nov 2018	14	17.13	87.31	7.7	33.62	7.9	24.4	0.75
A1	14 Nov 2018	15	16.98	87.21	7.8	33.59	7.9	24.4	0.70
A1	14 Nov 2018	16	16.94	87.11	7.8	33.59	7.9	24.4	0.70
A1	14 Nov 2018	17	16.92	86.94	7.7	33.59	7.9	24.4	0.72
A1	14 Nov 2018	18	16.83	87.09	7.7	33.58	7.9	24.5	0.75
A1	14 Nov 2018	19	16.54	87.20	7.6	33.58	7.9	24.5	0.72
A1	14 Nov 2018	20	16.10	87.21	7.7	33.55	7.9	24.6	0.69
A1	19 Nov 2018	1	17.81	83.10	7.6	33.69	8.1	24.3	0.71
A1	19 Nov 2018	2	17.81	83.10	7.6	33.69	8.1	24.3	0.72
A1	19 Nov 2018	3	17.80	82.81	7.6	33.69	8.1	24.3	0.81
A1	19 Nov 2018	4	17.80	82.33	7.6	33.69	8.1	24.3	0.87
A1	19 Nov 2018	5	17.80	82.27	7.6	33.69	8.1	24.3	0.89
A1	19 Nov 2018	6	17.80	82.30	7.6	33.69	8.1	24.3	0.89
A1	19 Nov 2018	7	17.80	82.41	7.6	33.69	8.1	24.3	0.91
A1	19 Nov 2018	8	17.80	82.25	7.6	33.69	8.1	24.3	0.91
A1	19 Nov 2018	9	17.79	82.18	7.6	33.70	8.1	24.3	0.92
A1	19 Nov 2018	10	17.78	81.63	7.5	33.70	8.1	24.3	0.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A1	19 Nov 2018	11	17.77	80.84	7.4	33.70	8.1	24.3	0.97
A1	19 Nov 2018	12	17.77	80.47	7.4	33.70	8.1	24.3	0.95
A1	19 Nov 2018	13	17.77	80.77	7.4	33.70	8.1	24.3	0.97
A1	19 Nov 2018	14	17.77	80.63	7.4	33.70	8.1	24.3	0.95
A1	19 Nov 2018	15	17.78	80.42	7.5	33.70	8.1	24.3	0.94
A1	19 Nov 2018	16	17.78	81.11	7.5	33.70	8.1	24.3	0.94
A1	19 Nov 2018	17	17.77	81.06	7.4	33.70	8.1	24.3	0.92
A1	19 Nov 2018	18	17.76	80.70	7.3	33.70	8.1	24.3	0.90
A1	19 Nov 2018	19	17.76	80.03	7.3	33.70	8.1	24.3	0.91
A1	19 Nov 2018	20	17.76	79.67	7.3	33.70	8.1	24.3	0.91
A1	26 Nov 2018	1	17.79	85.13	7.8	33.70	8.1	24.3	0.72
A1	26 Nov 2018	2	17.78	85.16	7.7	33.70	8.1	24.3	0.74
A1	26 Nov 2018	3	17.78	85.15	7.7	33.70	8.1	24.3	0.80
A1	26 Nov 2018	4	17.77	85.09	7.7	33.70	8.1	24.3	0.86
A1	26 Nov 2018	5	17.76	85.21	7.7	33.70	8.1	24.3	0.87
A1	26 Nov 2018	6	17.76	85.14	7.7	33.70	8.1	24.3	0.92
A1	26 Nov 2018	7	17.75	85.14	7.7	33.70	8.1	24.3	0.92
A1	26 Nov 2018	8	17.73	85.08	7.7	33.70	8.1	24.3	0.96
A1	26 Nov 2018	9	17.72	85.17	7.7	33.70	8.1	24.3	0.96
A1	26 Nov 2018	10	17.71	85.31	7.7	33.69	8.1	24.3	0.94
A1	26 Nov 2018	11	17.60	85.36	7.6	33.69	8.1	24.4	0.94
A1	26 Nov 2018	12	17.05	85.49	7.5	33.67	8.1	24.5	0.85
A1	26 Nov 2018	13	16.81	86.04	7.4	33.65	8.1	24.5	0.79
A1	26 Nov 2018	14	16.58	86.33	7.4	33.63	8.1	24.6	0.73
A1	26 Nov 2018	15	16.50	86.37	7.4	33.62	8.1	24.6	0.71
A1	26 Nov 2018	16	16.32	86.61	7.4	33.62	8.1	24.6	0.72
A1	26 Nov 2018	17	16.14	86.62	7.3	33.61	8.1	24.6	0.72
A1	26 Nov 2018	18	16.11	86.76	7.3	33.60	8.1	24.6	0.70
A1	26 Nov 2018	19	16.16	86.62	7.3	33.60	8.1	24.6	0.68
A6	05 Nov 2018	1	18.79	87.38	7.9	33.69	8.2	24.1	0.37
A6	05 Nov 2018	2	18.79	86.97	7.9	33.69	8.2	24.1	0.38
A6	05 Nov 2018	3	18.78	87.26	7.9	33.70	8.2	24.1	0.39
A6	05 Nov 2018	4	18.72	87.37	7.9	33.69	8.2	24.1	0.43
A6	05 Nov 2018	5	18.64	87.27	7.9	33.68	8.2	24.1	0.42
A6	05 Nov 2018	6	18.63	87.26	7.9	33.68	8.1	24.1	0.43
A6	05 Nov 2018	7	18.61	87.19	7.9	33.68	8.1	24.1	0.45
A6	05 Nov 2018	8	18.50	87.04	7.9	33.67	8.1	24.1	0.51
A6	05 Nov 2018	9	18.32	86.88	8.0	33.66	8.1	24.2	0.60
A6	05 Nov 2018	10	18.21	86.69	8.0	33.64	8.1	24.2	0.76
A6	05 Nov 2018	11	18.20	86.65	8.0	33.64	8.1	24.2	0.81
A6	05 Nov 2018	12	18.12	86.55	8.0	33.64	8.1	24.2	0.89
A6	05 Nov 2018	13	17.98	86.49	8.0	33.63	8.1	24.2	0.89
A6	05 Nov 2018	14	17.91	86.44	8.0	33.62	8.1	24.2	0.93
A6	05 Nov 2018	15	17.85	86.31	8.0	33.62	8.1	24.3	0.96
A6	05 Nov 2018	16	17.83	86.33	8.0	33.62	8.1	24.3	0.98
A6	05 Nov 2018	17	17.75	86.31	7.9	33.62	8.1	24.3	0.97
A6	05 Nov 2018	18	17.69	86.31	7.9	33.61	8.1	24.3	0.89
A6	05 Nov 2018	19	17.68	86.45	7.8	33.61	8.1	24.3	0.84
A6	05 Nov 2018	20	17.64	86.53	7.8	33.61	8.1	24.3	0.77
A6	05 Nov 2018	21	17.56	86.70	7.7	33.61	8.1	24.3	0.73
A6	14 Nov 2018	1	18.10	86.97	7.9	33.68	8.0	24.2	0.42
A6	14 Nov 2018	2	18.09	86.93	7.9	33.67	8.0	24.2	0.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A6	14 Nov 2018	3	18.09	86.93	7.9	33.68	8.0	24.2	0.43
A6	14 Nov 2018	4	18.08	86.93	7.8	33.67	8.0	24.2	0.46
A6	14 Nov 2018	5	18.07	86.88	7.8	33.67	8.0	24.2	0.50
A6	14 Nov 2018	6	18.07	86.89	7.8	33.67	8.0	24.2	0.52
A6	14 Nov 2018	7	18.05	86.83	7.8	33.67	8.0	24.2	0.56
A6	14 Nov 2018	8	18.00	86.71	7.8	33.67	8.0	24.3	0.65
A6	14 Nov 2018	9	17.90	86.62	7.8	33.66	8.0	24.3	0.71
A6	14 Nov 2018	10	17.77	86.49	7.8	33.65	8.0	24.3	0.75
A6	14 Nov 2018	11	17.63	86.72	7.7	33.64	8.0	24.3	0.69
A6	14 Nov 2018	12	17.26	86.74	7.6	33.62	8.0	24.4	0.57
A6	14 Nov 2018	13	16.84	86.83	7.6	33.60	7.9	24.5	0.51
A6	14 Nov 2018	14	16.91	86.89	7.6	33.59	7.9	24.5	0.51
A6	14 Nov 2018	15	16.70	86.62	7.6	33.59	7.9	24.5	0.51
A6	14 Nov 2018	16	16.46	86.93	7.6	33.57	7.9	24.5	0.58
A6	14 Nov 2018	17	16.25	86.93	7.6	33.57	7.9	24.6	0.62
A6	14 Nov 2018	18	16.10	87.06	7.6	33.55	7.9	24.6	0.63
A6	14 Nov 2018	19	15.96	87.13	7.6	33.55	7.9	24.6	0.62
A6	14 Nov 2018	20	15.89	86.97	7.6	33.55	7.9	24.7	0.63
A6	14 Nov 2018	21	15.81	86.96	7.6	33.54	7.9	24.7	0.63
A6	19 Nov 2018	1	17.86	84.76	7.6	33.69	8.1	24.3	0.64
A6	19 Nov 2018	2	17.87	84.69	7.7	33.69	8.1	24.3	0.65
A6	19 Nov 2018	3	17.86	84.96	7.7	33.69	8.1	24.3	0.65
A6	19 Nov 2018	4	17.82	85.15	7.7	33.68	8.1	24.3	0.67
A6	19 Nov 2018	5	17.81	85.39	7.7	33.68	8.1	24.3	0.67
A6	19 Nov 2018	6	17.80	85.45	7.7	33.68	8.1	24.3	0.66
A6	19 Nov 2018	7	17.80	85.49	7.7	33.68	8.1	24.3	0.69
A6	19 Nov 2018	8	17.79	85.75	7.7	33.68	8.1	24.3	0.67
A6	19 Nov 2018	9	17.79	85.82	7.8	33.68	8.1	24.3	0.70
A6	19 Nov 2018	10	17.79	85.91	7.7	33.68	8.1	24.3	0.73
A6	19 Nov 2018	11	17.78	85.84	7.7	33.68	8.1	24.3	0.74
A6	19 Nov 2018	12	17.78	85.87	7.8	33.68	8.1	24.3	0.74
A6	19 Nov 2018	13	17.75	85.87	7.8	33.68	8.1	24.3	0.78
A6	19 Nov 2018	14	17.73	85.81	7.8	33.67	8.1	24.3	0.76
A6	19 Nov 2018	15	17.73	85.93	7.8	33.67	8.1	24.3	0.77
A6	19 Nov 2018	16	17.71	85.86	7.8	33.67	8.1	24.3	0.80
A6	19 Nov 2018	17	17.70	85.90	7.7	33.67	8.1	24.3	0.83
A6	19 Nov 2018	18	17.70	85.85	7.8	33.67	8.1	24.3	0.79
A6	19 Nov 2018	19	17.67	85.98	7.8	33.67	8.1	24.3	0.82
A6	19 Nov 2018	20	17.55	85.95	7.7	33.66	8.1	24.4	0.79
A6	19 Nov 2018	21	17.46	85.91	7.6	33.65	8.1	24.4	0.74
A6	26 Nov 2018	1	17.77	82.81	7.6	33.70	8.1	24.3	0.80
A6	26 Nov 2018	2	17.77	82.81	7.6	33.70	8.1	24.3	0.81
A6	26 Nov 2018	3	17.75	82.90	7.6	33.70	8.1	24.3	0.87
A6	26 Nov 2018	4	17.75	82.96	7.6	33.70	8.1	24.3	0.94
A6	26 Nov 2018	5	17.74	83.00	7.6	33.70	8.1	24.3	0.96
A6	26 Nov 2018	6	17.67	83.09	7.5	33.69	8.1	24.4	0.98
A6	26 Nov 2018	7	17.49	82.57	7.5	33.68	8.1	24.4	0.97
A6	26 Nov 2018	8	17.27	82.51	7.5	33.66	8.1	24.4	0.93
A6	26 Nov 2018	9	17.08	84.73	7.5	33.65	8.1	24.5	0.86
A6	26 Nov 2018	10	16.97	85.20	7.5	33.64	8.1	24.5	0.83
A6	26 Nov 2018	11	16.94	85.84	7.5	33.64	8.1	24.5	0.86
A6	26 Nov 2018	12	16.91	86.06	7.5	33.64	8.1	24.5	0.85
A6	26 Nov 2018	13	16.87	86.21	7.5	33.64	8.1	24.5	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A6	26 Nov 2018	14	16.83	86.32	7.5	33.63	8.1	24.5	0.78
A6	26 Nov 2018	15	16.77	86.52	7.4	33.63	8.1	24.5	0.79
A6	26 Nov 2018	16	16.69	86.50	7.3	33.63	8.1	24.5	0.73
A6	26 Nov 2018	17	16.59	86.53	7.3	33.63	8.1	24.6	0.66
A6	26 Nov 2018	18	16.57	86.30	7.3	33.63	8.1	24.6	0.63
A6	26 Nov 2018	19	16.54	86.11	7.2	33.63	8.1	24.6	0.62
A6	26 Nov 2018	20	16.52	86.08	7.2	33.63	8.1	24.6	0.60
A6	26 Nov 2018	21	16.50	85.81	7.3	33.63	8.1	24.6	0.61
A7	05 Nov 2018	1	18.97	87.68	7.8	33.70	8.1	24.0	0.30
A7	05 Nov 2018	2	18.98	87.55	7.8	33.71	8.1	24.0	0.29
A7	05 Nov 2018	3	18.88	87.57	7.8	33.71	8.1	24.1	0.30
A7	05 Nov 2018	4	18.51	87.38	7.9	33.69	8.1	24.1	0.35
A7	05 Nov 2018	5	18.29	86.99	8.0	33.65	8.1	24.2	0.48
A7	05 Nov 2018	6	18.28	86.75	8.0	33.65	8.1	24.2	0.62
A7	05 Nov 2018	7	18.28	86.70	8.0	33.64	8.1	24.2	0.65
A7	05 Nov 2018	8	18.29	86.67	8.0	33.65	8.1	24.2	0.69
A7	05 Nov 2018	9	18.27	86.71	8.0	33.65	8.1	24.2	0.73
A7	05 Nov 2018	10	18.23	86.64	8.0	33.64	8.1	24.2	0.73
A7	05 Nov 2018	11	18.17	86.56	8.0	33.64	8.1	24.2	0.76
A7	05 Nov 2018	12	18.11	86.54	8.0	33.63	8.1	24.2	0.81
A7	05 Nov 2018	13	18.07	86.45	8.0	33.63	8.1	24.2	0.86
A7	05 Nov 2018	14	18.05	86.40	8.1	33.63	8.1	24.2	0.88
A7	05 Nov 2018	15	18.04	86.21	8.2	33.63	8.1	24.2	0.92
A7	05 Nov 2018	16	18.02	86.03	8.0	33.63	8.1	24.2	0.97
A7	05 Nov 2018	17	17.72	86.08	7.9	33.62	8.1	24.3	0.94
A7	05 Nov 2018	18	16.98	86.32	7.8	33.60	8.1	24.4	0.88
A7	14 Nov 2018	1	18.08	87.20	7.8	33.67	8.0	24.2	0.64
A7	14 Nov 2018	2	18.08	86.85	7.8	33.67	8.0	24.2	0.67
A7	14 Nov 2018	3	18.08	87.34	7.8	33.67	8.0	24.2	0.70
A7	14 Nov 2018	4	18.08	87.37	7.8	33.67	8.0	24.2	0.72
A7	14 Nov 2018	5	18.08	87.36	7.8	33.67	8.0	24.2	0.72
A7	14 Nov 2018	6	18.08	87.23	7.8	33.67	8.0	24.2	0.74
A7	14 Nov 2018	7	18.08	87.24	7.8	33.68	8.0	24.2	0.76
A7	14 Nov 2018	8	18.07	87.17	7.8	33.68	8.0	24.2	0.80
A7	14 Nov 2018	9	18.07	86.94	7.8	33.68	8.0	24.2	0.81
A7	14 Nov 2018	10	18.06	87.00	7.9	33.68	8.0	24.2	0.82
A7	14 Nov 2018	11	18.02	86.96	7.9	33.67	8.0	24.3	0.83
A7	14 Nov 2018	12	17.93	87.02	7.8	33.66	8.0	24.3	0.80
A7	14 Nov 2018	13	17.78	87.24	7.8	33.65	8.0	24.3	0.78
A7	14 Nov 2018	14	17.47	87.27	7.6	33.64	8.0	24.4	0.69
A7	14 Nov 2018	15	16.96	87.20	7.6	33.61	7.9	24.5	0.57
A7	14 Nov 2018	16	16.51	86.93	7.6	33.59	7.9	24.5	0.55
A7	14 Nov 2018	17	16.08	87.12	7.6	33.55	7.9	24.6	0.59
A7	14 Nov 2018	18	15.98	87.17	7.7	33.54	7.9	24.6	0.63
A7	14 Nov 2018	19	15.96	87.25	7.7	33.54	7.9	24.6	0.64
A7	14 Nov 2018	20	16.00	86.95	7.6	33.54	7.9	24.6	0.64
A7	19 Nov 2018	1	18.03	79.68	7.7	33.72	8.1	24.3	0.87
A7	19 Nov 2018	2	17.98	80.34	7.7	33.71	8.1	24.3	0.85
A7	19 Nov 2018	3	17.91	82.90	7.6	33.70	8.1	24.3	0.72
A7	19 Nov 2018	4	17.90	83.69	7.6	33.70	8.1	24.3	0.70
A7	19 Nov 2018	5	17.90	83.76	7.6	33.70	8.1	24.3	0.70
A7	19 Nov 2018	6	17.90	83.80	7.7	33.70	8.1	24.3	0.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A7	19 Nov 2018	7	17.88	83.81	7.7	33.70	8.1	24.3	0.74
A7	19 Nov 2018	8	17.87	83.80	7.7	33.69	8.1	24.3	0.79
A7	19 Nov 2018	9	17.86	83.77	7.7	33.69	8.1	24.3	0.79
A7	19 Nov 2018	10	17.83	83.85	7.7	33.69	8.1	24.3	0.87
A7	19 Nov 2018	11	17.80	83.90	7.7	33.68	8.1	24.3	0.89
A7	19 Nov 2018	12	17.77	84.07	7.7	33.68	8.1	24.3	0.95
A7	19 Nov 2018	13	17.77	83.49	7.7	33.69	8.1	24.3	0.99
A7	19 Nov 2018	14	17.75	83.38	7.7	33.68	8.1	24.3	0.97
A7	19 Nov 2018	15	17.73	83.46	7.7	33.68	8.1	24.3	0.98
A7	19 Nov 2018	16	17.72	83.59	7.7	33.68	8.1	24.3	0.99
A7	19 Nov 2018	17	17.71	83.57	7.7	33.68	8.1	24.3	0.94
A7	19 Nov 2018	18	17.70	83.37	7.6	33.68	8.1	24.3	0.94
A7	19 Nov 2018	19	17.64	83.85	7.5	33.67	8.1	24.3	0.80
A7	19 Nov 2018	20	17.51	84.64	7.5	33.67	8.1	24.4	0.69
A7	26 Nov 2018	1	17.87	80.03	7.7	33.71	8.1	24.3	1.21
A7	26 Nov 2018	2	17.87	80.37	7.6	33.71	8.1	24.3	1.26
A7	26 Nov 2018	3	17.86	80.68	7.6	33.71	8.1	24.3	1.35
A7	26 Nov 2018	4	17.81	81.44	7.7	33.71	8.1	24.3	1.33
A7	26 Nov 2018	5	17.79	82.56	7.7	33.70	8.1	24.3	1.25
A7	26 Nov 2018	6	17.80	83.22	7.7	33.70	8.1	24.3	1.24
A7	26 Nov 2018	7	17.78	83.35	7.7	33.70	8.1	24.3	1.21
A7	26 Nov 2018	8	17.78	83.59	7.7	33.70	8.1	24.3	1.18
A7	26 Nov 2018	9	17.77	83.76	7.7	33.70	8.1	24.3	1.15
A7	26 Nov 2018	10	17.75	84.04	7.7	33.70	8.1	24.3	1.13
A7	26 Nov 2018	11	17.74	84.19	7.7	33.70	8.1	24.3	1.08
A7	26 Nov 2018	12	17.73	84.65	7.7	33.70	8.1	24.3	1.05
A7	26 Nov 2018	13	17.65	85.06	7.7	33.69	8.1	24.4	1.02
A7	26 Nov 2018	14	17.59	85.26	7.7	33.69	8.1	24.4	0.98
A7	26 Nov 2018	15	17.54	85.58	7.6	33.68	8.1	24.4	0.96
A7	26 Nov 2018	16	17.53	85.57	7.6	33.68	8.1	24.4	0.96
A7	26 Nov 2018	17	17.16	85.43	7.5	33.66	8.1	24.4	0.85
A7	26 Nov 2018	18	16.78	85.77	7.4	33.64	8.1	24.5	1.22
A7	26 Nov 2018	19	16.31	86.46	7.3	33.61	8.1	24.6	0.67
C4	05 Nov 2018	1	18.39	76.10	8.8	33.62	8.2	24.1	1.47
C4	05 Nov 2018	2	18.36	76.07	8.7	33.62	8.2	24.1	1.49
C4	05 Nov 2018	3	18.34	75.91	9.0	33.62	8.2	24.1	1.63
C4	05 Nov 2018	4	18.31	73.87	9.0	33.62	8.2	24.1	2.42
C4	05 Nov 2018	5	18.23	75.17	9.0	33.62	8.2	24.2	2.48
C4	05 Nov 2018	6	18.14	76.26	9.0	33.62	8.2	24.2	2.62
C4	05 Nov 2018	7	18.00	79.13	8.8	33.60	8.2	24.2	2.74
C4	05 Nov 2018	8	17.65	78.53	8.3	33.64	8.2	24.3	2.72
C4	05 Nov 2018	9	17.15	77.70	7.6	33.87	8.2	24.6	2.43
C4	05 Nov 2018	10	16.70	76.37	6.5	33.60	8.1	24.5	1.44
C4	05 Nov 2018	11	16.58	75.26	6.3	33.55	8.1	24.5	0.70
C4	14 Nov 2018	1	18.06	72.16	7.6	33.71	8.0	24.3	1.06
C4	14 Nov 2018	2	18.04	72.33	7.7	33.73	8.0	24.3	0.99
C4	14 Nov 2018	3	18.00	70.62	7.2	33.73	8.0	24.3	0.96
C4	14 Nov 2018	4	17.99	69.48	7.1	33.73	8.0	24.3	0.96
C4	14 Nov 2018	5	17.97	68.39	7.2	33.73	8.0	24.3	0.93
C4	14 Nov 2018	6	17.97	68.08	7.7	33.73	8.0	24.3	0.97
C4	14 Nov 2018	7	17.96	67.94	7.8	33.72	8.0	24.3	1.15
C4	14 Nov 2018	8	17.96	67.71	7.8	33.72	8.0	24.3	1.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C4	14 Nov 2018	9	17.96	67.66	7.8	33.73	8.0	24.3	1.24
C4	14 Nov 2018	10	17.97	63.10	7.8	33.73	8.0	24.3	1.18
C4	14 Nov 2018	11	17.99	55.05	7.8	33.73	8.0	24.3	1.12
C4	14 Nov 2018	12	18.01	25.49	7.6	33.73	8.0	24.3	1.79
C4	19 Nov 2018	1	17.85	80.92	7.7	33.70	8.2	24.3	0.91
C4	19 Nov 2018	2	17.84	80.92	7.7	33.70	8.2	24.3	0.96
C4	19 Nov 2018	3	17.84	78.38	7.7	33.70	8.2	24.3	1.02
C4	19 Nov 2018	4	17.83	71.69	7.7	33.70	8.2	24.3	1.04
C4	19 Nov 2018	5	17.82	74.02	7.7	33.70	8.2	24.3	1.15
C4	19 Nov 2018	6	17.82	74.33	7.6	33.70	8.2	24.3	1.27
C4	19 Nov 2018	7	17.81	77.22	7.6	33.71	8.1	24.3	1.29
C4	19 Nov 2018	8	17.81	78.11	7.5	33.71	8.1	24.3	1.29
C4	19 Nov 2018	9	17.81	77.73	7.4	33.71	8.1	24.3	1.25
C4	19 Nov 2018	10	17.81	75.70	7.3	33.71	8.1	24.3	1.16
C4	26 Nov 2018	1	18.04	72.99	7.0	33.72	8.1	24.3	0.55
C4	26 Nov 2018	2	18.05	72.79	7.0	33.72	8.1	24.3	0.55
C4	26 Nov 2018	3	18.04	72.87	7.0	33.72	8.1	24.3	0.60
C4	26 Nov 2018	4	18.02	72.81	6.9	33.72	8.1	24.3	0.67
C4	26 Nov 2018	5	18.00	72.64	6.8	33.72	8.1	24.3	0.68
C4	26 Nov 2018	6	18.00	71.76	6.8	33.72	8.1	24.3	0.65
C4	26 Nov 2018	7	17.98	71.93	6.8	33.72	8.1	24.3	0.64
C4	26 Nov 2018	8	17.98	70.35	6.8	33.72	8.1	24.3	0.61
C4	26 Nov 2018	9	17.97	69.86	6.7	33.72	8.1	24.3	0.61
C4	26 Nov 2018	10	17.97	69.21	6.7	33.72	8.1	24.3	0.58
C4	26 Nov 2018	11	17.98	68.60	6.7	33.72	8.1	24.3	0.57
C4	26 Nov 2018	12	17.98	66.33	6.6	33.72	8.1	24.3	0.56
C4	26 Nov 2018	13	17.98	58.12	6.6	33.72	8.1	24.3	0.59
C5	05 Nov 2018	1	18.78	84.11	7.9	33.69	8.2	24.1	0.34
C5	05 Nov 2018	2	18.76	85.18	7.9	33.69	8.2	24.1	0.38
C5	05 Nov 2018	3	18.61	81.44	8.0	33.69	8.2	24.1	0.40
C5	05 Nov 2018	4	18.48	79.18	8.1	33.67	8.2	24.1	0.50
C5	05 Nov 2018	5	18.39	81.20	8.1	33.66	8.2	24.1	0.64
C5	05 Nov 2018	6	18.20	81.16	8.1	33.66	8.2	24.2	0.75
C5	05 Nov 2018	7	17.77	81.29	7.9	33.64	8.2	24.3	0.95
C5	05 Nov 2018	8	17.49	82.44	7.7	33.61	8.1	24.3	1.14
C5	05 Nov 2018	9	17.13	81.23	7.2	33.60	8.1	24.4	1.09
C5	05 Nov 2018	10	16.76	81.25	6.9	33.58	8.1	24.5	0.89
C5	05 Nov 2018	11	16.53	78.65	6.9	33.56	8.1	24.5	0.74
C5	14 Nov 2018	1	18.14	84.01	8.2	33.71	8.0	24.2	0.72
C5	14 Nov 2018	2	18.11	83.95	8.2	33.71	8.0	24.3	0.75
C5	14 Nov 2018	3	18.09	83.73	8.3	33.70	8.0	24.3	0.82
C5	14 Nov 2018	4	18.08	83.57	8.3	33.71	8.0	24.3	0.93
C5	14 Nov 2018	5	18.08	83.27	8.3	33.71	8.0	24.3	1.08
C5	14 Nov 2018	6	18.08	82.95	8.4	33.71	8.0	24.3	1.24
C5	14 Nov 2018	7	18.08	82.59	8.4	33.72	8.1	24.3	1.24
C5	14 Nov 2018	8	18.06	81.81	8.3	33.72	8.0	24.3	1.08
C5	14 Nov 2018	9	18.00	80.98	7.9	33.71	8.0	24.3	0.94
C5	14 Nov 2018	10	17.87	74.86	7.5	33.68	8.0	24.3	0.69
C5	14 Nov 2018	11	17.86	66.09	7.4	33.67	8.0	24.3	0.53
C5	19 Nov 2018	1	18.11	67.31	7.1	33.77	8.1	24.3	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C5	19 Nov 2018	2	18.11	67.76	7.1	33.77	8.1	24.3	0.60
	19 Nov 2018	3	18.11	67.25	7.1	33.77	8.1	24.3	0.63
	19 Nov 2018	4	18.10	65.93	7.1	33.77	8.1	24.3	0.66
	19 Nov 2018	5	18.09	64.39	7.1	33.77	8.1	24.3	0.66
	19 Nov 2018	6	18.08	62.39	7.1	33.77	8.1	24.3	0.65
	19 Nov 2018	7	18.07	60.72	7.0	33.77	8.1	24.3	0.67
	19 Nov 2018	8	18.06	58.38	7.0	33.77	8.1	24.3	0.68
	19 Nov 2018	9	18.06	54.89	7.0	33.77	8.1	24.3	0.72
	19 Nov 2018	10	18.05	49.24	7.0	33.77	8.1	24.3	0.74
	19 Nov 2018	11	18.05	36.36	7.0	33.77	8.1	24.3	0.88
	26 Nov 2018	1	17.98	78.86	7.1	33.71	8.1	24.3	0.62
C5	26 Nov 2018	2	17.98	78.63	7.1	33.71	8.1	24.3	0.65
	26 Nov 2018	3	17.95	78.40	7.1	33.72	8.1	24.3	0.69
	26 Nov 2018	4	17.93	78.00	7.0	33.71	8.1	24.3	0.83
	26 Nov 2018	5	17.92	77.90	7.0	33.71	8.1	24.3	0.92
	26 Nov 2018	6	17.91	77.63	7.0	33.71	8.1	24.3	0.95
	26 Nov 2018	7	17.90	77.36	6.8	33.71	8.1	24.3	0.85
	26 Nov 2018	8	17.87	75.52	6.6	33.72	8.1	24.3	0.67
	26 Nov 2018	9	17.79	66.30	6.4	33.71	8.1	24.3	0.56
	26 Nov 2018	10	17.70	60.20	6.3	33.70	8.1	24.4	0.51
	26 Nov 2018	11	17.67	58.73	6.3	33.70	8.1	24.4	0.51
	26 Nov 2018	1	17.67	58.73	6.3	33.70	8.1	24.4	0.51
C6	05 Nov 2018	1	18.45	80.00	8.2	33.64	8.2	24.1	0.89
	05 Nov 2018	2	18.44	80.04	8.3	33.64	8.2	24.1	0.93
	05 Nov 2018	3	18.40	81.36	8.3	33.64	8.2	24.1	1.14
	05 Nov 2018	4	18.37	81.81	8.2	33.64	8.2	24.1	1.27
	05 Nov 2018	5	18.30	82.90	8.1	33.64	8.2	24.2	1.30
	05 Nov 2018	6	18.18	83.95	8.0	33.64	8.1	24.2	1.28
	05 Nov 2018	7	18.09	84.16	7.8	33.63	8.1	24.2	1.29
	05 Nov 2018	8	17.73	83.94	7.3	33.63	8.1	24.3	1.31
	05 Nov 2018	9	17.25	83.04	6.7	33.60	8.0	24.4	0.90
	14 Nov 2018	1	18.08	86.21	8.0	33.69	8.0	24.2	0.51
C6	14 Nov 2018	2	18.08	86.20	8.0	33.69	8.0	24.2	0.52
	14 Nov 2018	3	18.06	85.96	8.1	33.69	8.0	24.3	0.63
	14 Nov 2018	4	18.05	85.83	8.0	33.69	8.0	24.3	0.66
	14 Nov 2018	5	18.05	85.78	8.1	33.69	8.0	24.3	0.75
	14 Nov 2018	6	18.05	85.86	8.1	33.69	8.0	24.3	0.84
	14 Nov 2018	7	18.04	85.91	8.1	33.69	8.0	24.3	0.87
	14 Nov 2018	8	18.03	85.95	8.0	33.68	8.0	24.3	0.85
	14 Nov 2018	9	18.01	85.96	7.8	33.68	8.0	24.3	0.84
	14 Nov 2018	10	17.93	85.44	7.5	33.67	8.0	24.3	0.56
	19 Nov 2018	1	18.15	78.37	7.3	33.72	8.2	24.3	0.36
C6	19 Nov 2018	2	18.15	78.24	7.4	33.72	8.2	24.3	0.40
	19 Nov 2018	3	18.13	78.21	7.3	33.72	8.1	24.3	0.44
	19 Nov 2018	4	18.12	78.29	7.3	33.72	8.1	24.3	0.42
	19 Nov 2018	5	18.11	78.05	7.2	33.72	8.1	24.3	0.40
	19 Nov 2018	6	18.08	77.84	7.0	33.72	8.1	24.3	0.40
	19 Nov 2018	7	17.96	77.54	6.8	33.70	8.1	24.3	0.40
	19 Nov 2018	8	17.89	77.29	6.8	33.69	8.1	24.3	0.36
	19 Nov 2018	9	17.89	77.42	6.8	33.69	8.1	24.3	0.36
	26 Nov 2018	1	17.94	77.77	7.3	33.72	8.1	24.3	1.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C6	26 Nov 2018	2	17.94	77.64	7.5	33.72	8.1	24.3	1.34
C6	26 Nov 2018	3	17.93	77.42	7.5	33.72	8.1	24.3	1.40
C6	26 Nov 2018	4	17.92	77.50	7.5	33.72	8.1	24.3	1.47
C6	26 Nov 2018	5	17.90	77.63	7.4	33.72	8.1	24.3	1.60
C6	26 Nov 2018	6	17.89	77.67	7.3	33.72	8.1	24.3	1.72
C6	26 Nov 2018	7	17.88	78.19	7.2	33.72	8.1	24.3	1.66
C6	26 Nov 2018	8	17.83	79.28	7.0	33.72	8.1	24.3	1.27
C6	26 Nov 2018	9	17.77	79.77	6.8	33.71	8.1	24.3	1.20
C6	26 Nov 2018	10	17.75	80.11	6.7	33.70	8.1	24.3	1.05
C7	05 Nov 2018	1	18.84	87.52	7.8	33.70	8.2	24.1	0.32
C7	05 Nov 2018	2	18.84	87.57	7.8	33.70	8.2	24.1	0.35
C7	05 Nov 2018	3	18.80	87.58	7.8	33.70	8.2	24.1	0.34
C7	05 Nov 2018	4	18.69	87.46	7.9	33.69	8.2	24.1	0.40
C7	05 Nov 2018	5	18.61	87.35	7.9	33.68	8.2	24.1	0.40
C7	05 Nov 2018	6	18.56	87.27	7.9	33.67	8.2	24.1	0.43
C7	05 Nov 2018	7	18.52	87.06	7.9	33.67	8.1	24.1	0.45
C7	05 Nov 2018	8	18.44	87.03	7.9	33.66	8.1	24.1	0.48
C7	05 Nov 2018	9	18.43	86.84	7.9	33.66	8.1	24.1	0.57
C7	05 Nov 2018	10	18.32	86.63	8.0	33.65	8.1	24.2	0.68
C7	05 Nov 2018	11	18.22	86.58	8.0	33.64	8.1	24.2	0.77
C7	05 Nov 2018	12	18.14	86.46	8.0	33.64	8.1	24.2	0.81
C7	05 Nov 2018	13	18.09	86.32	8.0	33.63	8.1	24.2	0.80
C7	05 Nov 2018	14	18.07	86.39	7.9	33.63	8.1	24.2	0.84
C7	05 Nov 2018	15	18.02	86.29	7.9	33.63	8.1	24.2	0.88
C7	05 Nov 2018	16	17.92	86.23	7.7	33.62	8.1	24.2	0.92
C7	05 Nov 2018	17	17.37	85.82	7.3	33.60	8.1	24.4	0.87
C7	05 Nov 2018	18	16.47	84.91	7.0	33.56	8.1	24.5	0.64
C7	05 Nov 2018	19	16.36	83.94	7.1	33.55	8.0	24.6	0.46
C7	14 Nov 2018	1	18.12	86.25	7.8	33.67	8.0	24.2	0.77
C7	14 Nov 2018	2	18.12	86.28	7.8	33.67	8.0	24.2	0.74
C7	14 Nov 2018	3	18.11	86.28	7.8	33.67	8.0	24.2	0.75
C7	14 Nov 2018	4	18.11	86.30	7.8	33.67	8.0	24.2	0.80
C7	14 Nov 2018	5	18.10	86.21	7.8	33.67	8.0	24.2	0.86
C7	14 Nov 2018	6	18.10	86.01	7.8	33.67	8.0	24.2	0.90
C7	14 Nov 2018	7	18.10	86.08	7.8	33.67	8.0	24.2	0.94
C7	14 Nov 2018	8	18.10	86.12	7.8	33.67	8.0	24.2	0.97
C7	14 Nov 2018	9	18.10	86.10	7.8	33.67	8.0	24.2	0.98
C7	14 Nov 2018	10	18.10	86.24	7.8	33.67	8.0	24.2	0.99
C7	14 Nov 2018	11	18.10	85.84	7.8	33.67	8.0	24.2	0.97
C7	14 Nov 2018	12	18.10	85.50	7.8	33.67	8.0	24.2	0.98
C7	14 Nov 2018	13	18.08	86.12	7.8	33.67	8.0	24.2	1.02
C7	14 Nov 2018	14	18.02	85.93	7.8	33.67	8.0	24.2	1.08
C7	14 Nov 2018	15	17.86	85.93	7.7	33.66	8.0	24.3	1.06
C7	14 Nov 2018	16	17.50	86.53	7.6	33.63	8.0	24.3	0.90
C7	14 Nov 2018	17	17.36	86.78	7.5	33.62	8.0	24.4	0.74
C7	14 Nov 2018	18	17.16	86.86	7.5	33.61	7.9	24.4	0.59
C7	19 Nov 2018	1	18.04	84.33	7.6	33.69	8.1	24.3	0.74
C7	19 Nov 2018	2	18.07	84.20	7.6	33.69	8.1	24.3	0.75
C7	19 Nov 2018	3	18.04	84.11	7.6	33.69	8.1	24.3	0.79
C7	19 Nov 2018	4	17.99	84.37	7.6	33.69	8.1	24.3	0.80
C7	19 Nov 2018	5	17.94	84.76	7.6	33.69	8.1	24.3	0.82
C7	19 Nov 2018	6	17.87	85.04	7.7	33.68	8.1	24.3	0.80

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C7	19 Nov 2018	7	17.81	85.36	7.7	33.68	8.1	24.3	0.83
C7	19 Nov 2018	8	17.77	85.99	7.7	33.67	8.1	24.3	0.74
C7	19 Nov 2018	9	17.77	86.22	7.8	33.67	8.1	24.3	0.72
C7	19 Nov 2018	10	17.74	86.40	7.8	33.67	8.1	24.3	0.73
C7	19 Nov 2018	11	17.72	86.55	7.8	33.67	8.1	24.3	0.73
C7	19 Nov 2018	12	17.68	86.34	7.8	33.67	8.1	24.3	0.75
C7	19 Nov 2018	13	17.67	86.35	7.8	33.66	8.1	24.3	0.75
C7	19 Nov 2018	14	17.65	86.37	7.8	33.66	8.1	24.3	0.77
C7	19 Nov 2018	15	17.63	80.15	7.8	33.66	8.1	24.3	0.76
C7	19 Nov 2018	16	17.57	77.80	7.7	33.66	8.1	24.4	0.77
C7	19 Nov 2018	17	17.50	85.13	7.7	33.66	8.1	24.4	0.73
C7	19 Nov 2018	18	17.44	86.06	7.6	33.65	8.1	24.4	0.66
C7	26 Nov 2018	1	17.84	83.92	7.8	33.70	8.1	24.3	0.59
C7	26 Nov 2018	2	17.84	85.35	7.8	33.70	8.1	24.3	0.61
C7	26 Nov 2018	3	17.83	85.38	7.8	33.70	8.1	24.3	0.67
C7	26 Nov 2018	4	17.83	85.26	7.8	33.70	8.1	24.3	0.72
C7	26 Nov 2018	5	17.83	85.18	7.8	33.70	8.1	24.3	0.77
C7	26 Nov 2018	6	17.83	85.35	7.8	33.70	8.1	24.3	0.81
C7	26 Nov 2018	7	17.82	85.27	7.8	33.70	8.1	24.3	0.85
C7	26 Nov 2018	8	17.80	85.40	7.8	33.70	8.1	24.3	0.90
C7	26 Nov 2018	9	17.77	85.49	7.8	33.69	8.1	24.3	0.96
C7	26 Nov 2018	10	17.76	85.36	7.8	33.69	8.1	24.3	1.00
C7	26 Nov 2018	11	17.75	85.51	7.8	33.69	8.1	24.3	1.01
C7	26 Nov 2018	12	17.71	85.61	7.7	33.69	8.1	24.3	1.02
C7	26 Nov 2018	13	17.61	85.99	7.8	33.68	8.1	24.4	1.03
C7	26 Nov 2018	14	17.54	86.16	7.7	33.67	8.1	24.4	1.03
C7	26 Nov 2018	15	17.47	86.34	7.7	33.67	8.1	24.4	1.06
C7	26 Nov 2018	16	17.03	86.06	7.7	33.65	8.1	24.5	1.53
C7	26 Nov 2018	17	16.86	87.29	7.6	33.63	8.1	24.5	1.61
C7	26 Nov 2018	18	16.73	86.42	7.6	33.62	8.1	24.5	1.45
C8	05 Nov 2018	1	18.72	86.55	7.9	33.69	8.2	24.1	0.38
C8	05 Nov 2018	2	18.72	86.87	7.9	33.69	8.2	24.1	0.38
C8	05 Nov 2018	3	18.72	86.78	7.9	33.69	8.2	24.1	0.37
C8	05 Nov 2018	4	18.68	86.98	7.8	33.69	8.2	24.1	0.39
C8	05 Nov 2018	5	18.38	87.02	7.9	33.68	8.2	24.2	0.45
C8	05 Nov 2018	6	18.21	86.61	8.0	33.65	8.1	24.2	0.61
C8	05 Nov 2018	7	18.12	86.25	8.0	33.64	8.1	24.2	0.77
C8	05 Nov 2018	8	18.09	86.07	8.0	33.63	8.1	24.2	0.84
C8	05 Nov 2018	9	18.00	86.22	8.0	33.63	8.1	24.2	0.92
C8	05 Nov 2018	10	17.85	86.13	8.0	33.62	8.1	24.3	0.97
C8	05 Nov 2018	11	17.80	85.97	7.9	33.61	8.1	24.3	1.03
C8	05 Nov 2018	12	17.78	85.94	7.9	33.61	8.1	24.3	1.03
C8	05 Nov 2018	13	17.77	85.94	8.0	33.61	8.1	24.3	1.05
C8	05 Nov 2018	14	17.78	85.82	7.9	33.61	8.1	24.3	1.06
C8	05 Nov 2018	15	17.76	85.76	7.8	33.61	8.1	24.3	1.02
C8	05 Nov 2018	16	17.54	85.72	7.6	33.61	8.1	24.3	1.01
C8	05 Nov 2018	17	16.95	85.58	7.5	33.60	8.1	24.4	0.83
C8	05 Nov 2018	18	16.61	84.82	7.4	33.56	8.1	24.5	0.64
C8	05 Nov 2018	19	16.24	83.89	7.4	33.56	8.1	24.6	0.55
C8	14 Nov 2018	1	18.07	85.52	7.9	33.67	8.0	24.2	0.85
C8	14 Nov 2018	2	18.08	85.52	7.9	33.67	8.0	24.2	0.87
C8	14 Nov 2018	3	18.06	85.62	7.9	33.67	8.0	24.2	0.93

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C8	14 Nov 2018	4	18.06	85.43	7.8	33.67	8.0	24.2	1.02
C8	14 Nov 2018	5	18.05	85.43	7.9	33.67	8.0	24.2	1.08
C8	14 Nov 2018	6	18.04	85.40	7.9	33.67	8.0	24.2	1.13
C8	14 Nov 2018	7	18.04	85.36	7.9	33.67	8.0	24.2	1.20
C8	14 Nov 2018	8	18.04	85.34	7.9	33.67	8.0	24.2	1.22
C8	14 Nov 2018	9	18.04	85.24	7.9	33.67	8.0	24.2	1.24
C8	14 Nov 2018	10	18.03	85.33	7.9	33.67	8.0	24.2	1.23
C8	14 Nov 2018	11	18.01	85.38	7.9	33.67	8.0	24.2	1.24
C8	14 Nov 2018	12	17.99	85.46	7.8	33.66	8.0	24.3	1.25
C8	14 Nov 2018	13	17.94	85.70	7.8	33.66	8.0	24.3	1.18
C8	14 Nov 2018	14	17.86	86.09	7.8	33.65	8.0	24.3	1.06
C8	14 Nov 2018	15	17.83	86.55	7.8	33.65	8.0	24.3	1.00
C8	14 Nov 2018	16	17.56	86.99	7.8	33.63	8.0	24.3	0.98
C8	14 Nov 2018	17	17.31	87.19	7.8	33.60	8.0	24.4	0.98
C8	14 Nov 2018	18	17.14	87.15	7.7	33.59	8.0	24.4	0.90
C8	14 Nov 2018	19	17.04	87.04	7.6	33.59	7.9	24.4	0.75
C8	14 Nov 2018	20	17.01	86.95	7.6	33.59	7.9	24.4	0.65
C8	19 Nov 2018	1	18.08	84.76	6.3	33.56	8.1	24.1	0.66
C8	19 Nov 2018	2	18.11	84.77	6.7	33.63	8.1	24.2	0.60
C8	19 Nov 2018	3	18.11	84.77	6.9	33.64	8.1	24.2	0.60
C8	19 Nov 2018	4	18.10	84.75	7.4	33.67	8.1	24.2	0.67
C8	19 Nov 2018	5	18.03	84.69	7.5	33.69	8.1	24.3	0.69
C8	19 Nov 2018	6	17.99	84.99	7.5	33.69	8.1	24.3	0.74
C8	19 Nov 2018	7	17.78	85.36	7.5	33.70	8.1	24.3	0.77
C8	19 Nov 2018	8	17.69	85.78	7.5	33.67	8.1	24.3	0.76
C8	19 Nov 2018	9	17.64	85.78	7.6	33.67	8.1	24.3	0.73
C8	19 Nov 2018	10	17.62	85.92	7.6	33.66	8.1	24.3	0.75
C8	19 Nov 2018	11	17.57	85.93	7.6	33.66	8.1	24.4	0.78
C8	19 Nov 2018	12	17.55	85.90	7.6	33.66	8.1	24.4	0.76
C8	19 Nov 2018	13	17.54	85.92	7.5	33.66	8.1	24.4	0.81
C8	19 Nov 2018	14	17.51	85.90	7.5	33.66	8.1	24.4	0.70
C8	19 Nov 2018	15	17.49	85.88	7.5	33.66	8.1	24.4	0.66
C8	19 Nov 2018	16	17.47	85.88	7.5	33.66	8.1	24.4	0.63
C8	19 Nov 2018	17	17.40	85.83	7.4	33.65	8.1	24.4	0.60
C8	19 Nov 2018	18	17.31	85.67	7.4	33.65	8.1	24.4	0.57
C8	19 Nov 2018	19	16.90	85.20	7.4	33.64	8.1	24.5	0.55
C8	19 Nov 2018	20	16.85	84.49	7.4	33.62	8.1	24.5	0.51
C8	26 Nov 2018	1	17.85	85.07	7.8	33.70	8.1	24.3	0.71
C8	26 Nov 2018	2	17.85	85.17	7.8	33.70	8.1	24.3	0.72
C8	26 Nov 2018	3	17.84	85.29	7.8	33.70	8.1	24.3	0.74
C8	26 Nov 2018	4	17.84	85.35	7.8	33.70	8.1	24.3	0.78
C8	26 Nov 2018	5	17.83	85.33	7.8	33.70	8.1	24.3	0.84
C8	26 Nov 2018	6	17.79	85.49	7.7	33.70	8.1	24.3	0.89
C8	26 Nov 2018	7	17.69	85.47	7.7	33.69	8.1	24.3	0.92
C8	26 Nov 2018	8	17.60	85.53	7.7	33.68	8.1	24.4	0.98
C8	26 Nov 2018	9	17.38	85.68	7.7	33.67	8.1	24.4	0.99
C8	26 Nov 2018	10	17.28	85.88	7.6	33.66	8.1	24.4	1.02
C8	26 Nov 2018	11	17.24	86.00	7.7	33.65	8.1	24.4	0.99
C8	26 Nov 2018	12	17.20	86.11	7.6	33.65	8.1	24.4	1.00
C8	26 Nov 2018	13	17.13	86.33	7.6	33.65	8.1	24.4	1.01
C8	26 Nov 2018	14	17.09	86.44	7.6	33.64	8.1	24.5	1.01
C8	26 Nov 2018	15	17.01	86.55	7.6	33.64	8.1	24.5	1.03
C8	26 Nov 2018	16	16.90	86.77	7.6	33.63	8.1	24.5	1.01

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C8	26 Nov 2018	17	16.65	87.21	7.5	33.62	8.1	24.5	0.95
C8	26 Nov 2018	18	16.34	87.24	7.4	33.61	8.1	24.6	0.81
C8	26 Nov 2018	19	16.13	86.44	7.4	33.59	8.1	24.6	0.70
C8	26 Nov 2018	20	16.11	86.06	7.4	33.59	8.1	24.6	0.65

NA = not available

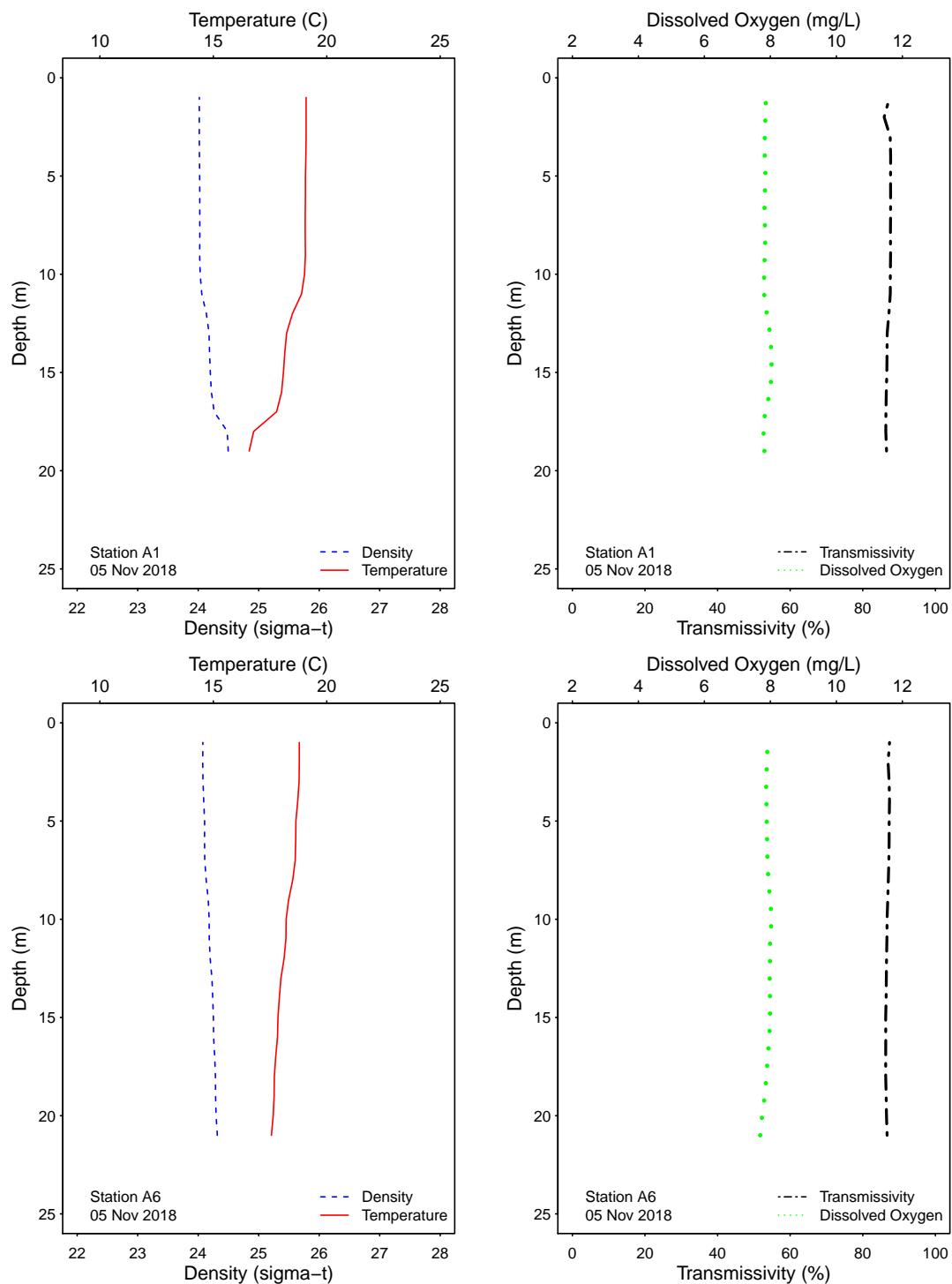


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

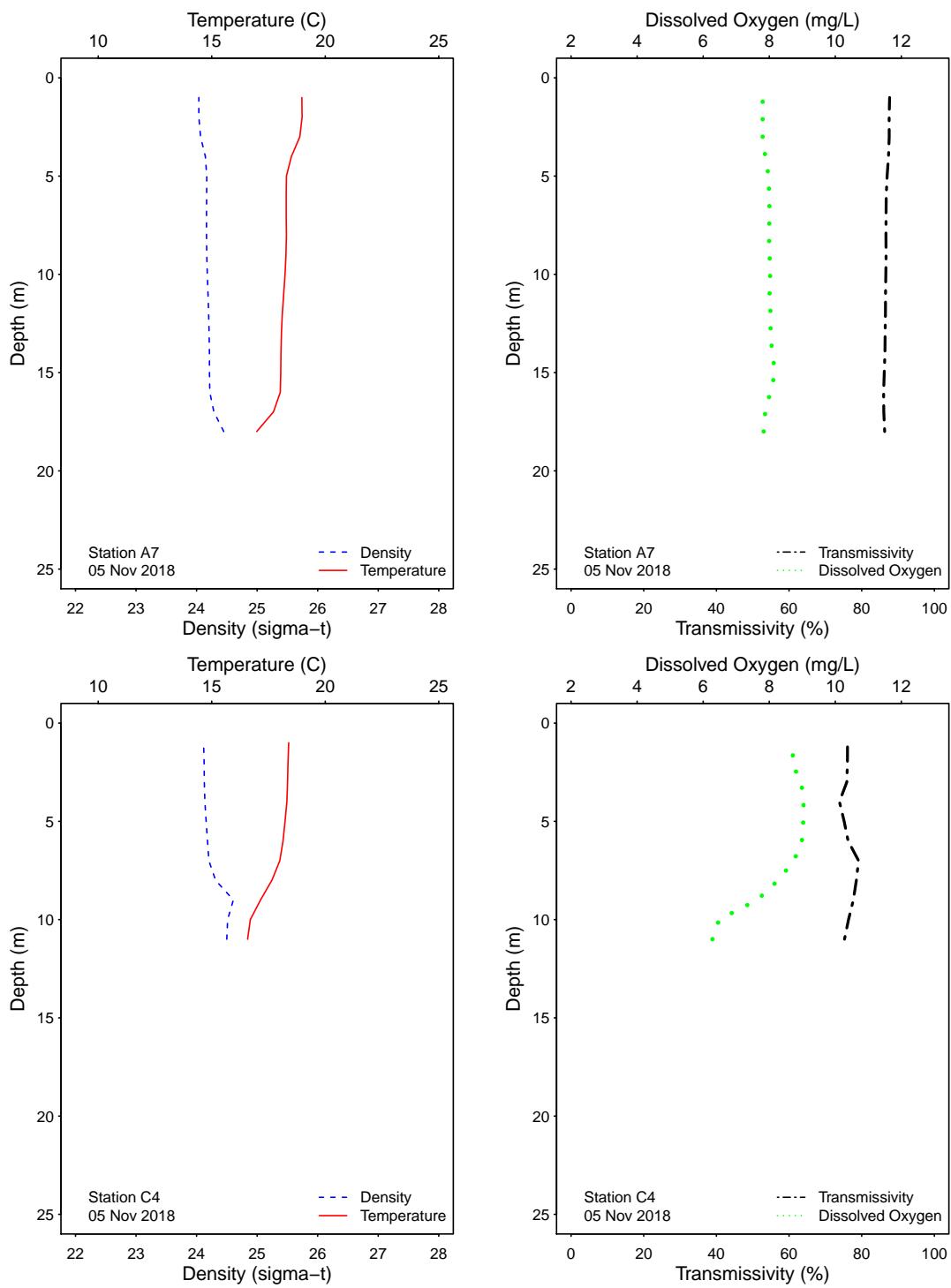


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

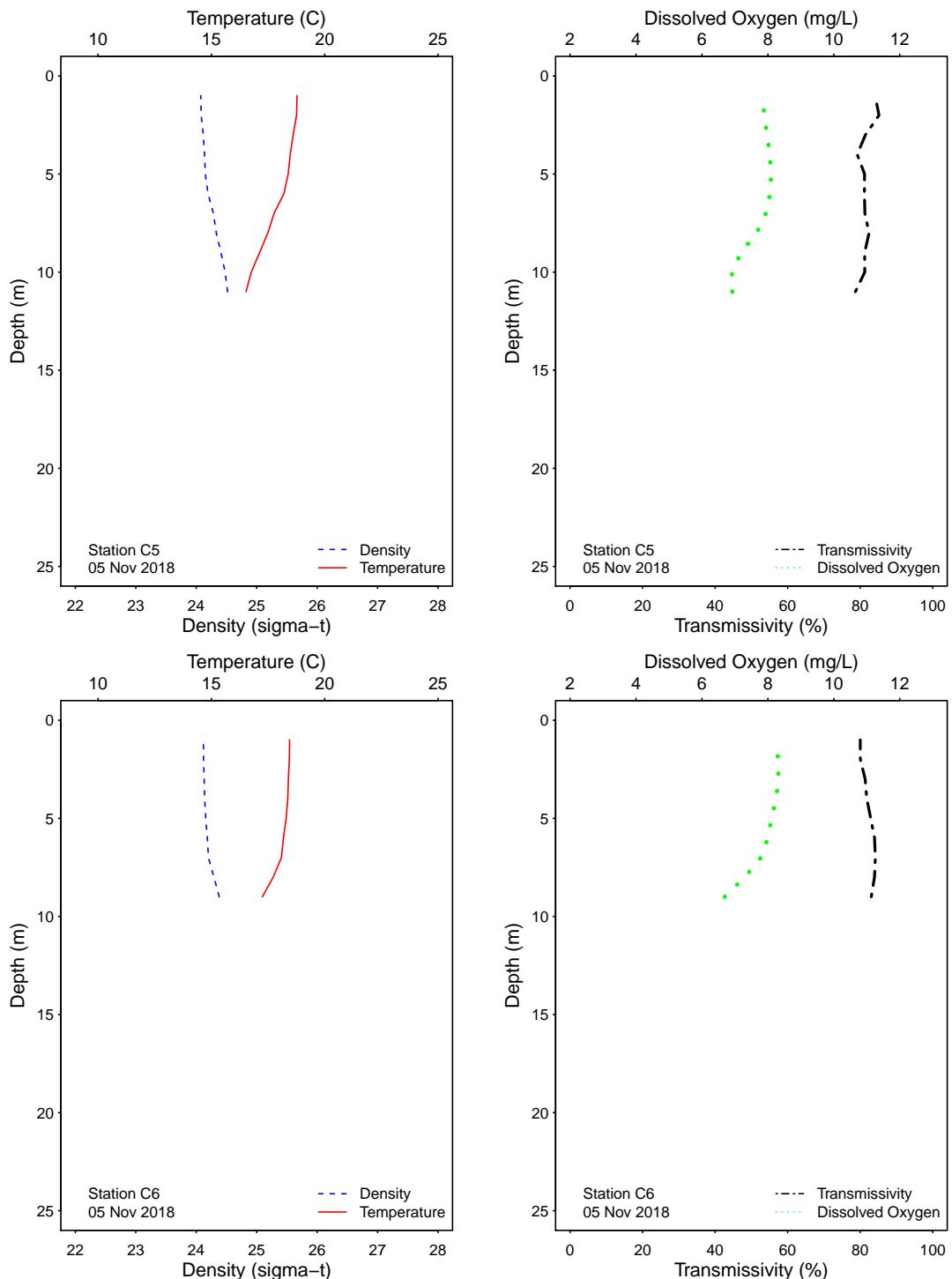


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

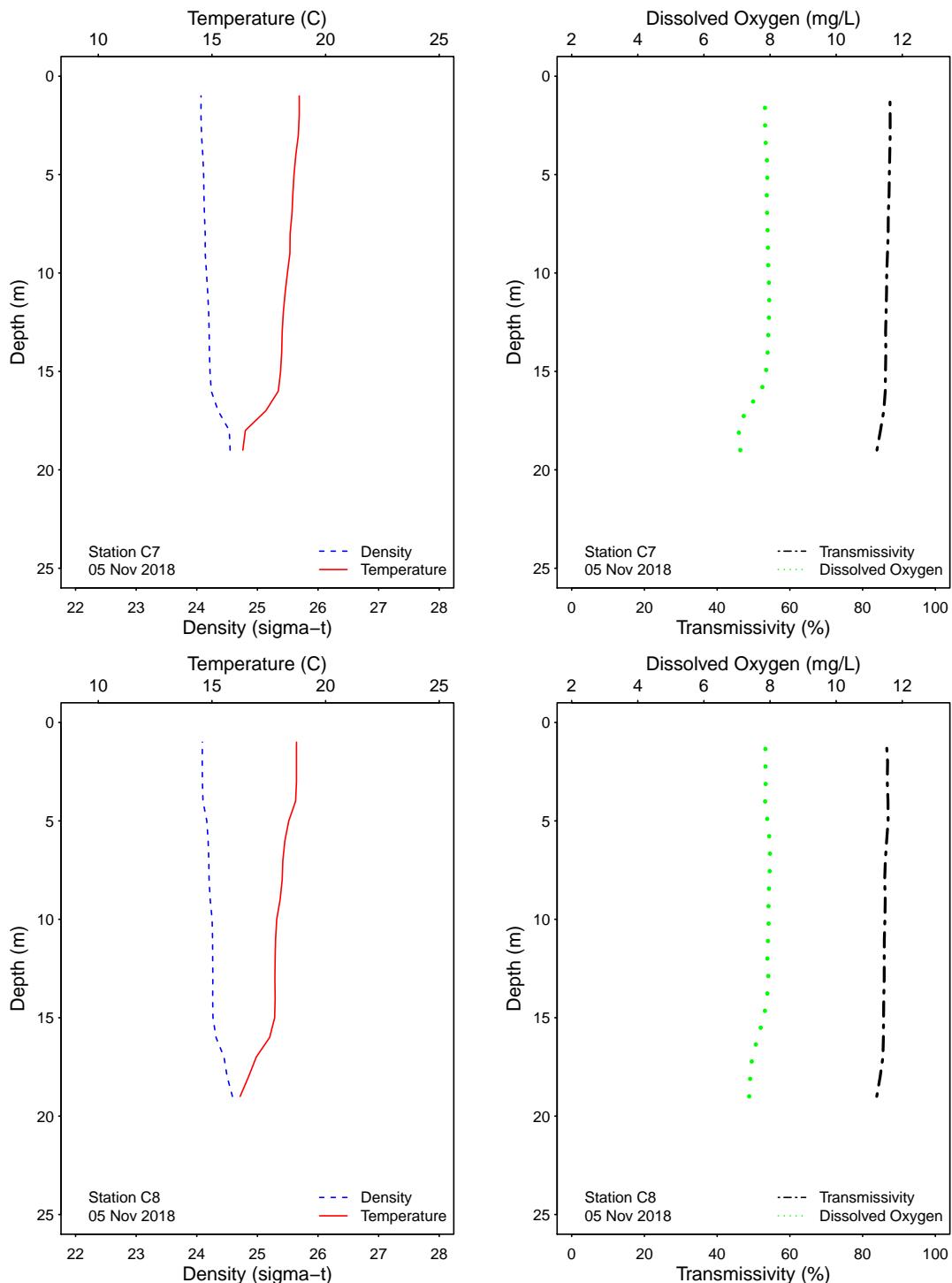


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

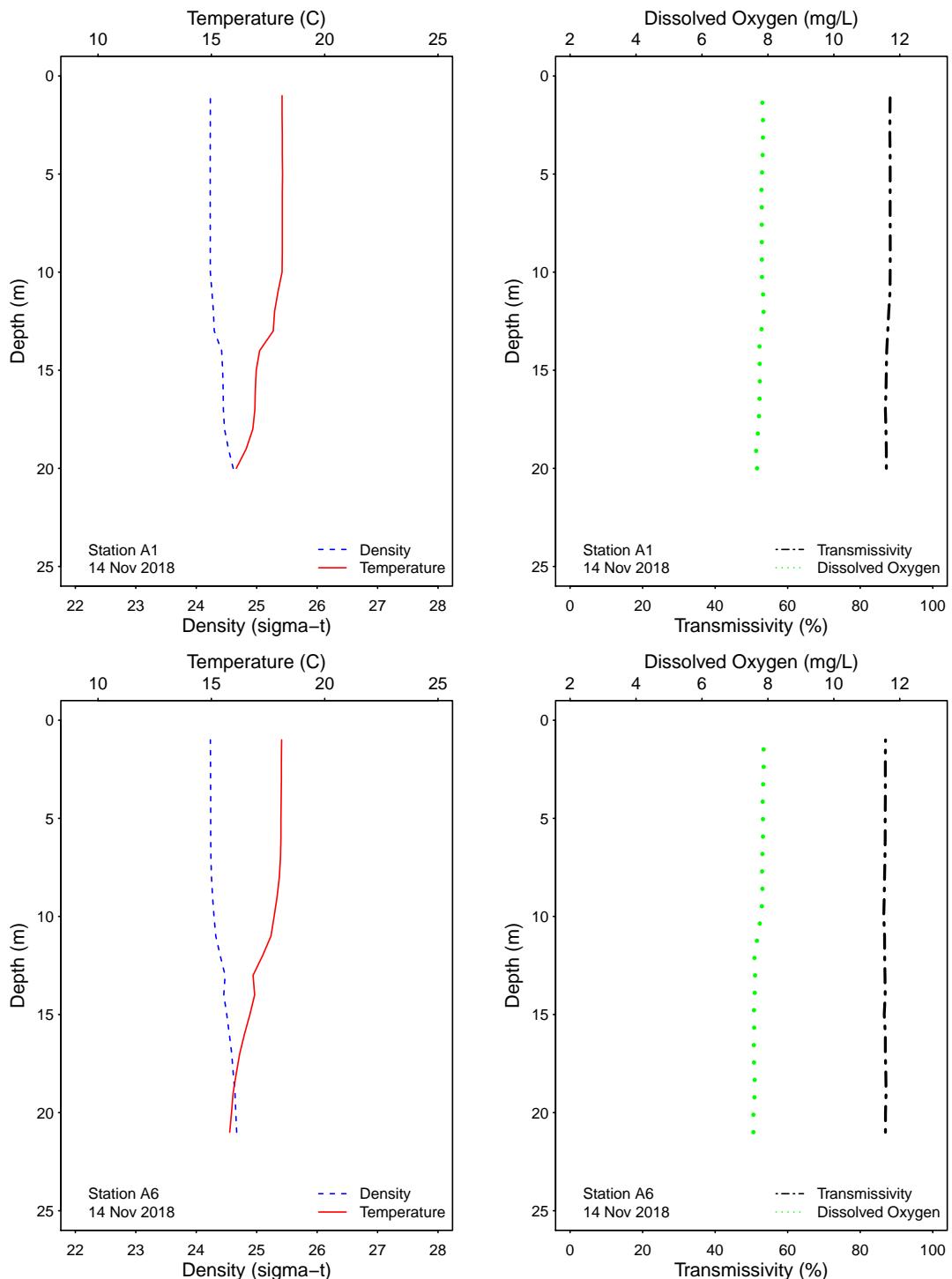


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

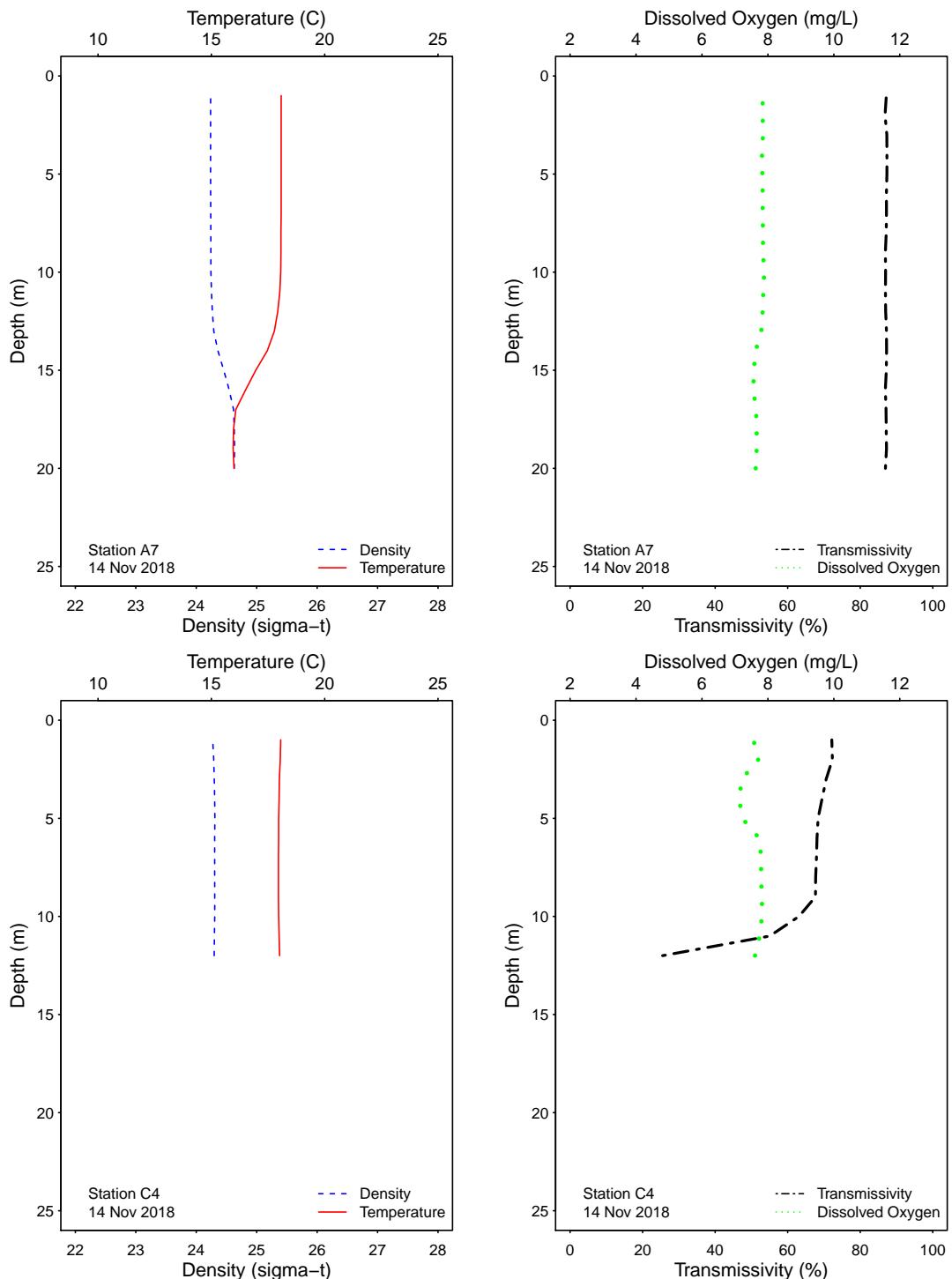


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

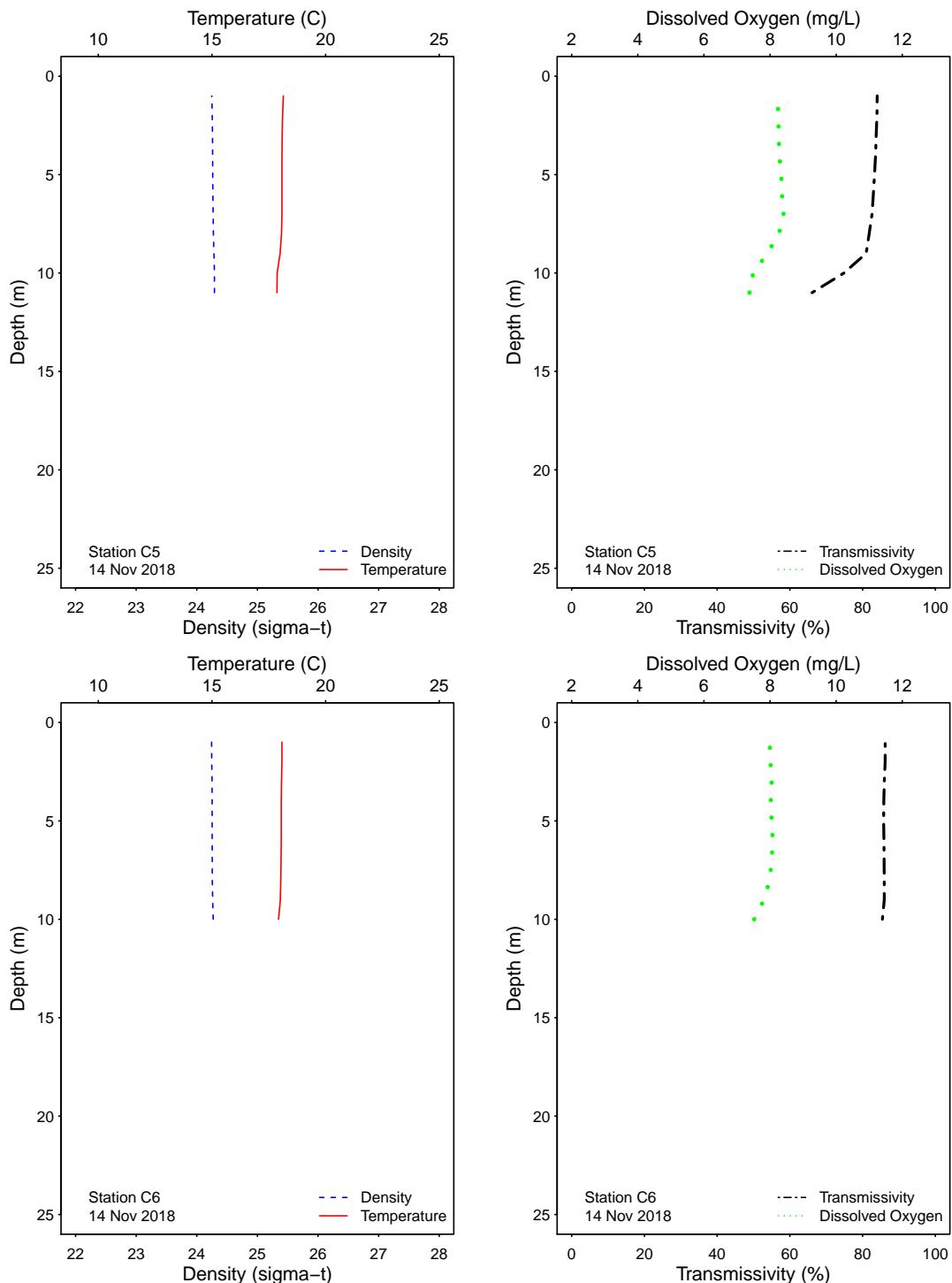


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

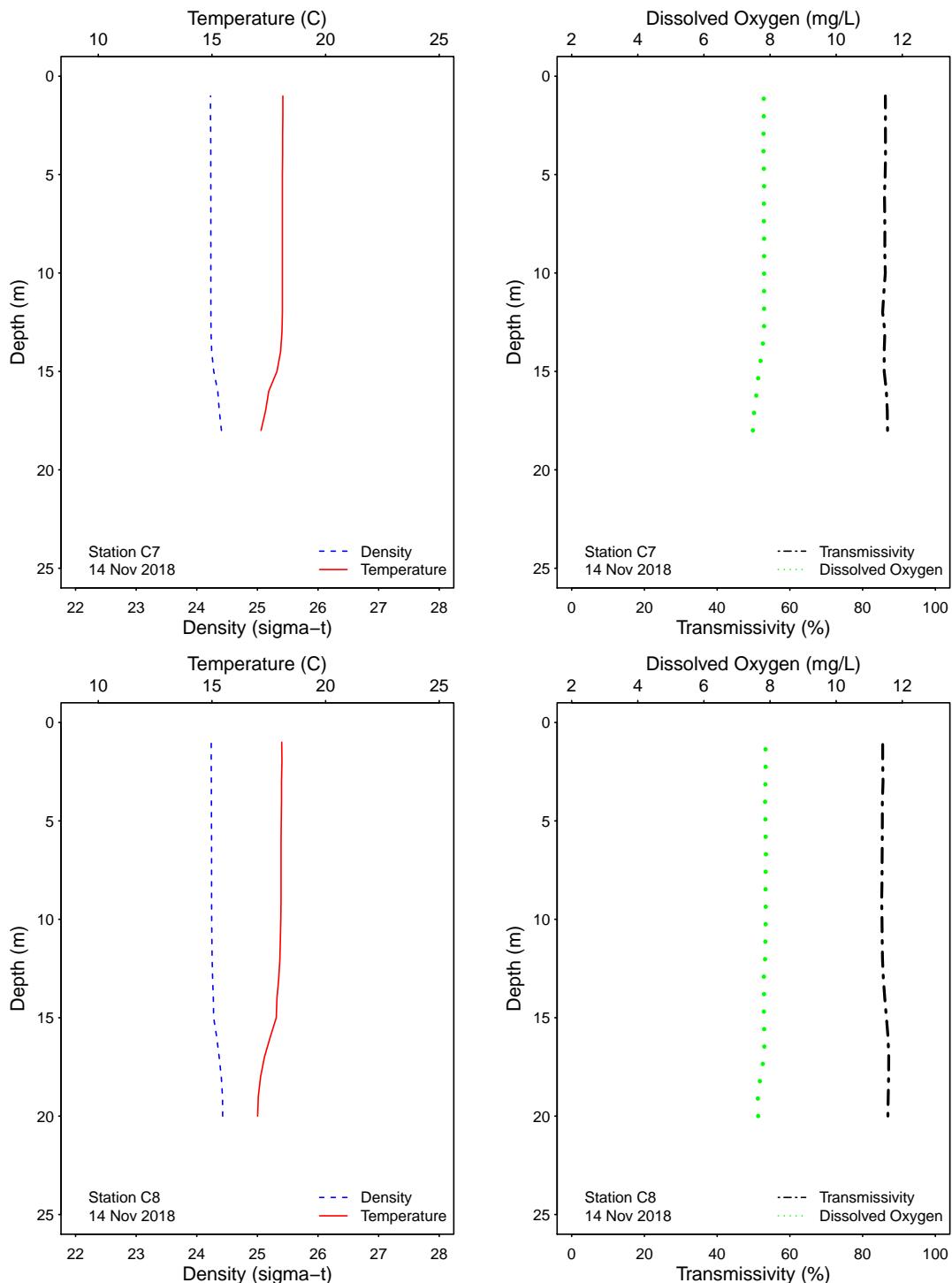


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

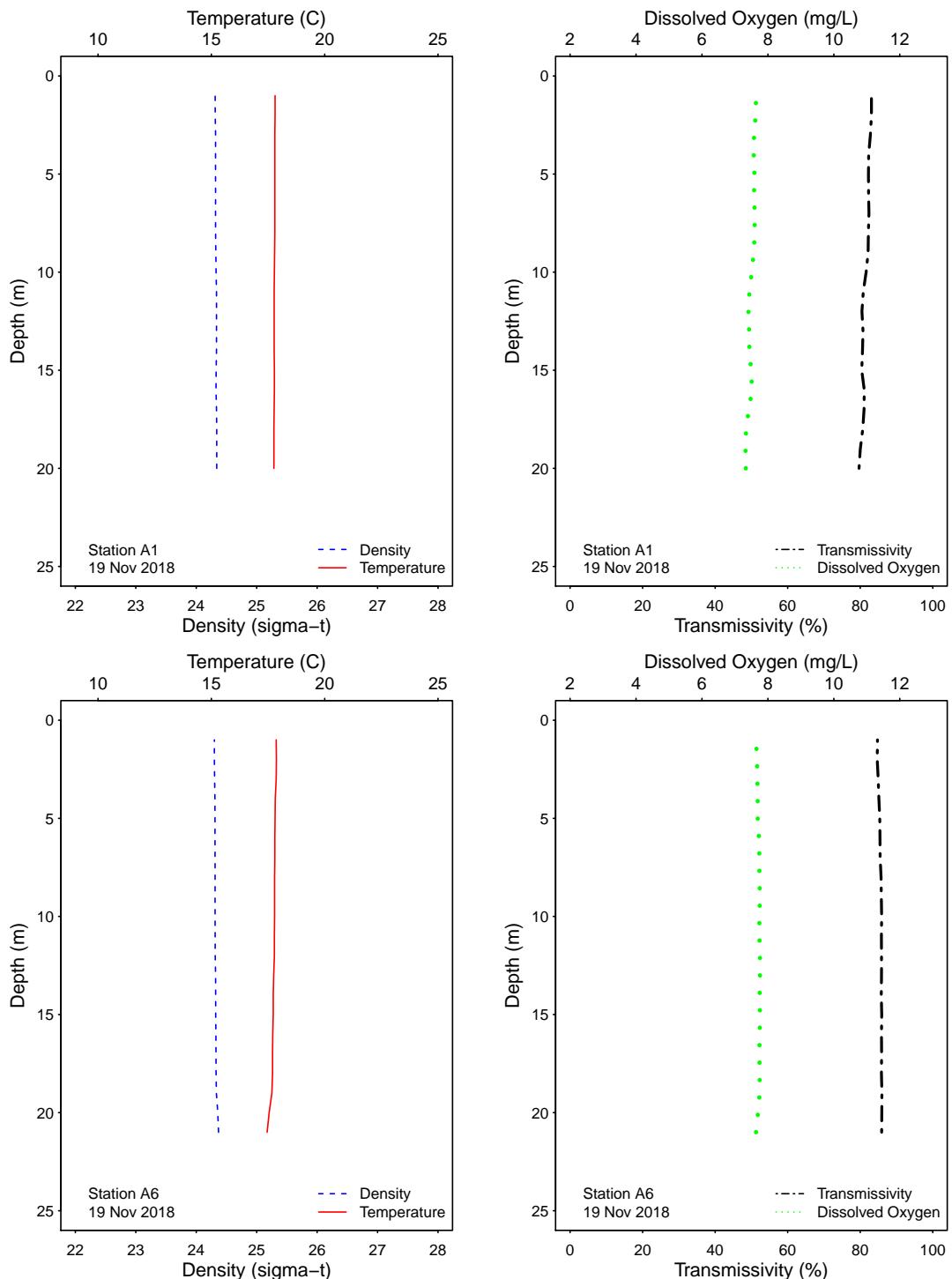


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

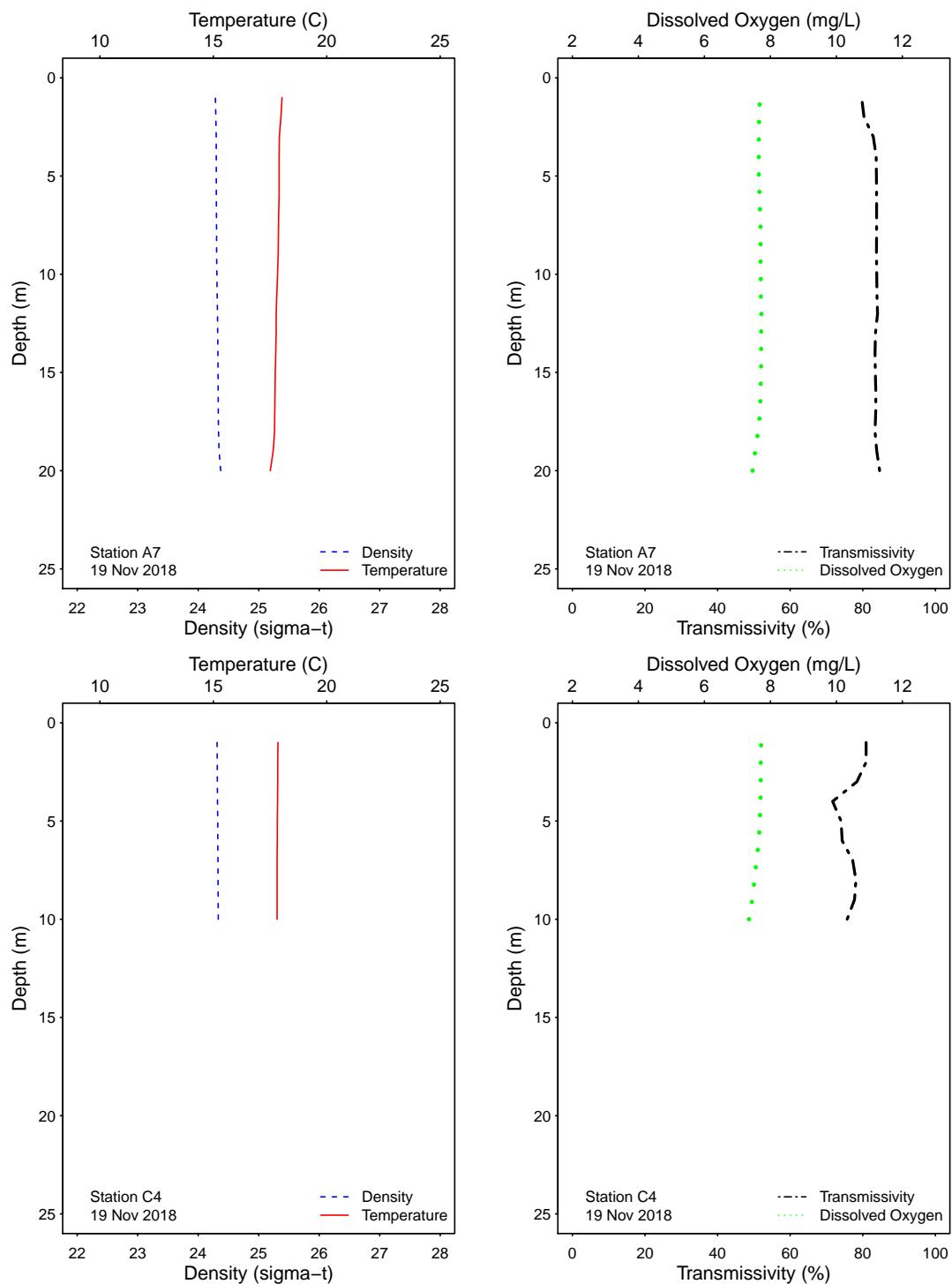


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

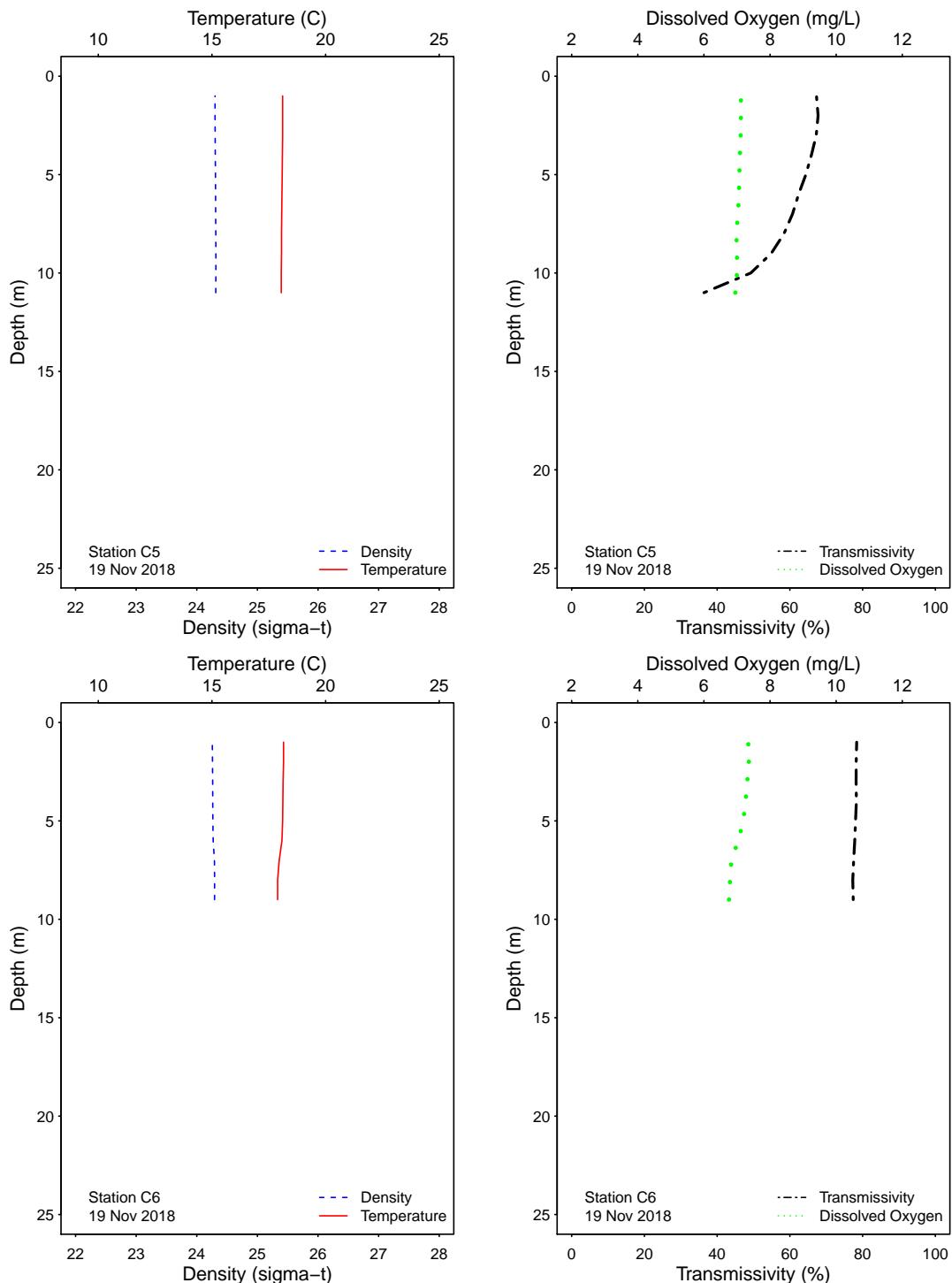


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

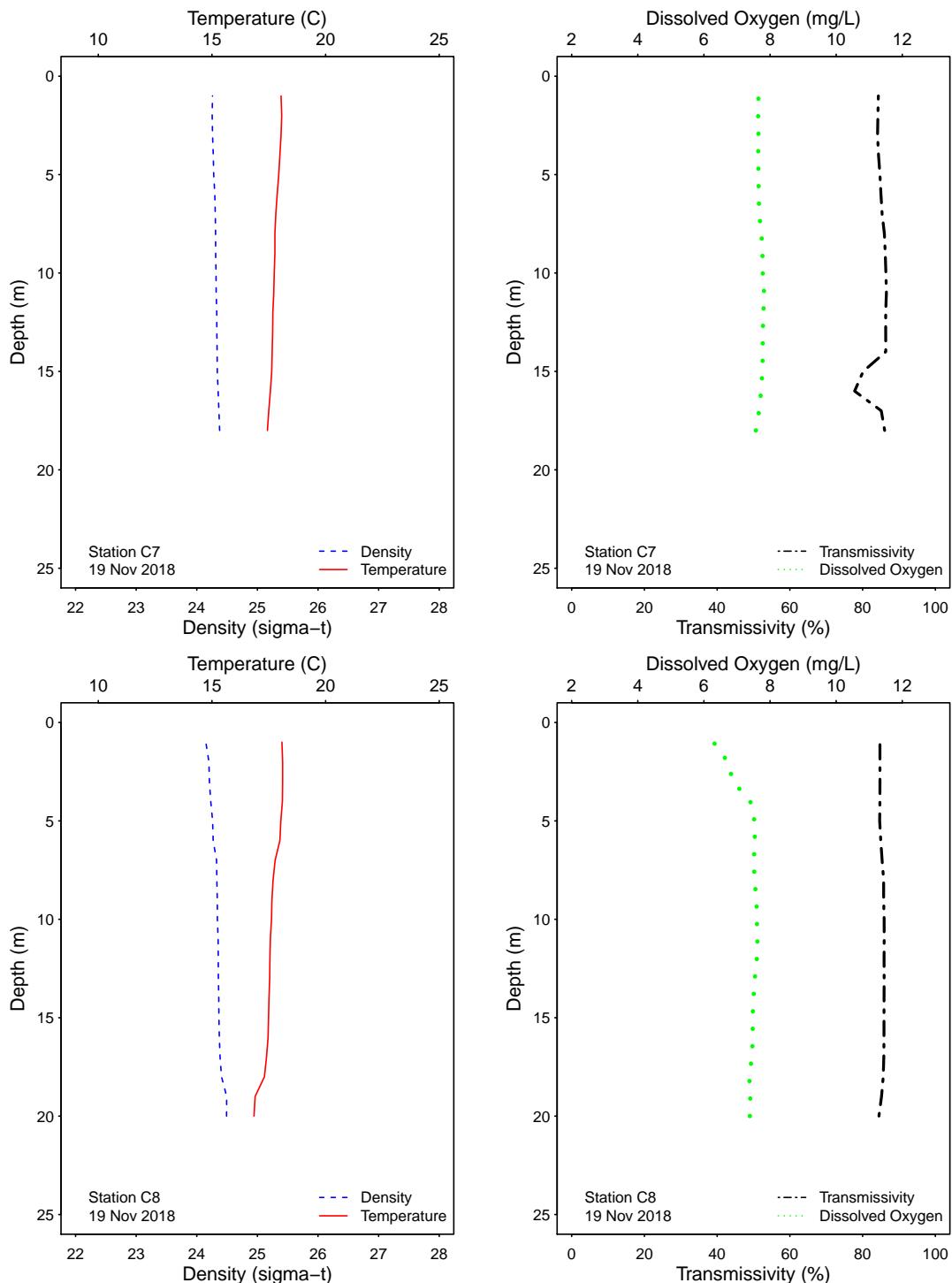


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

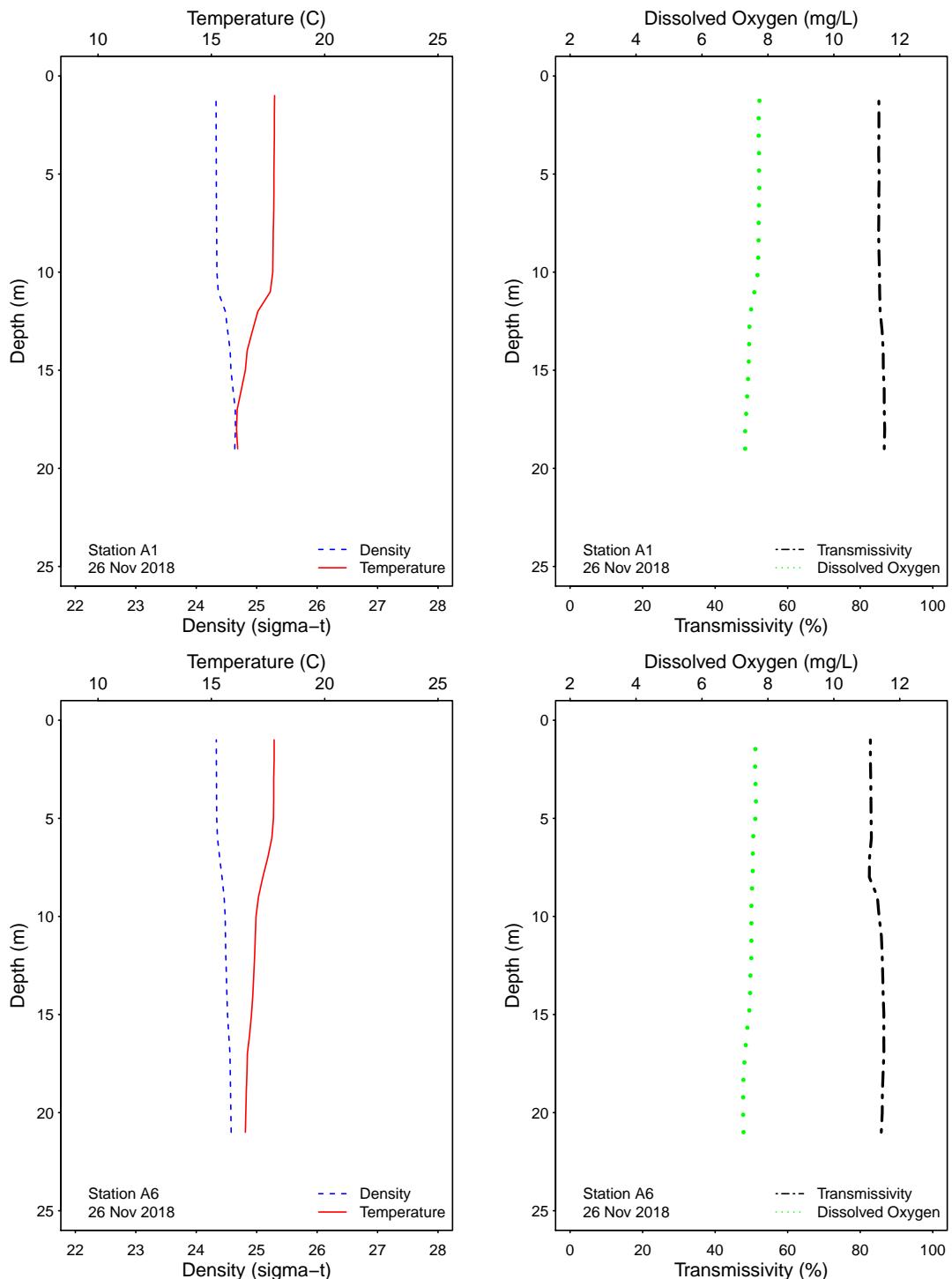


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

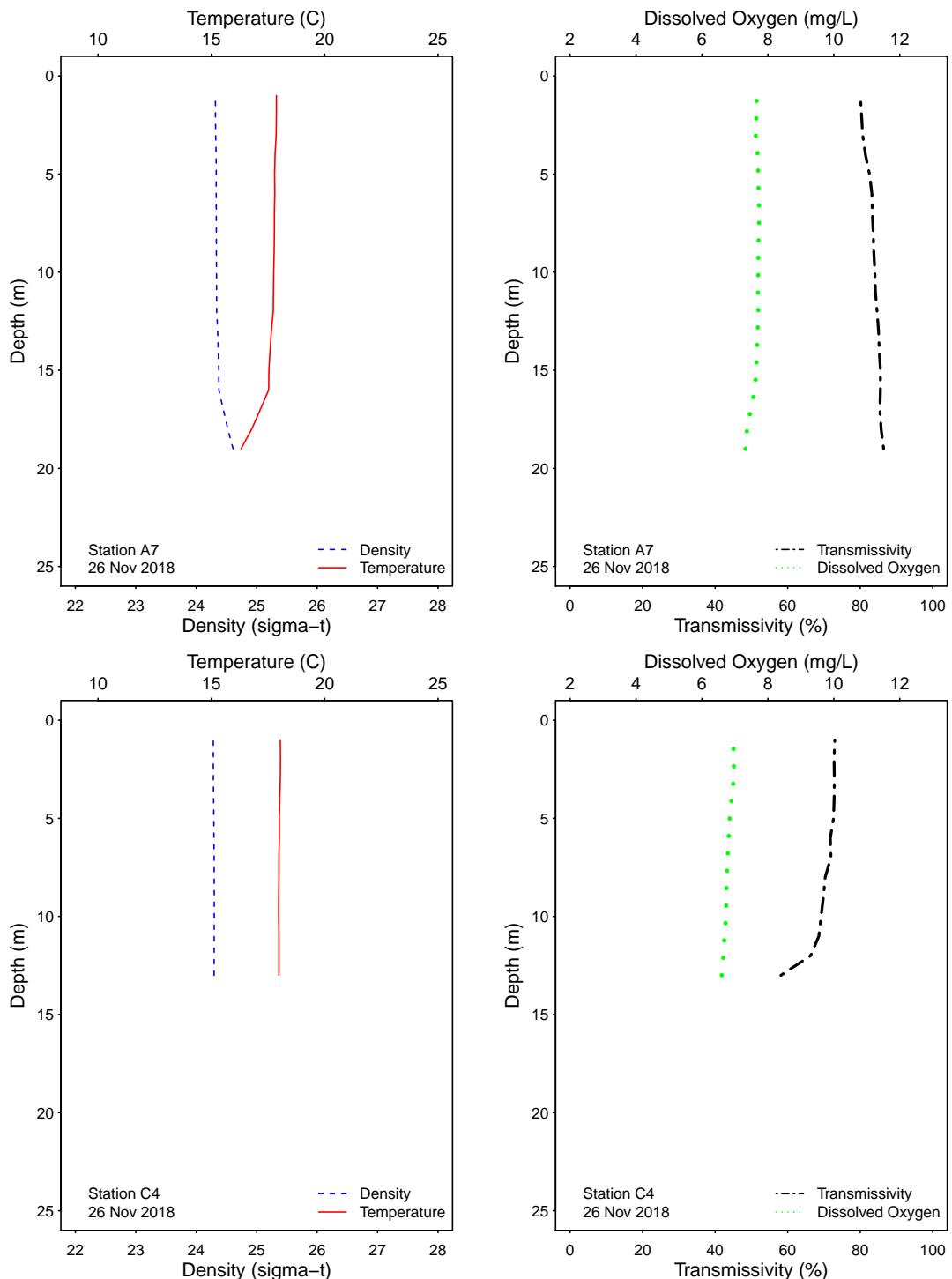


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

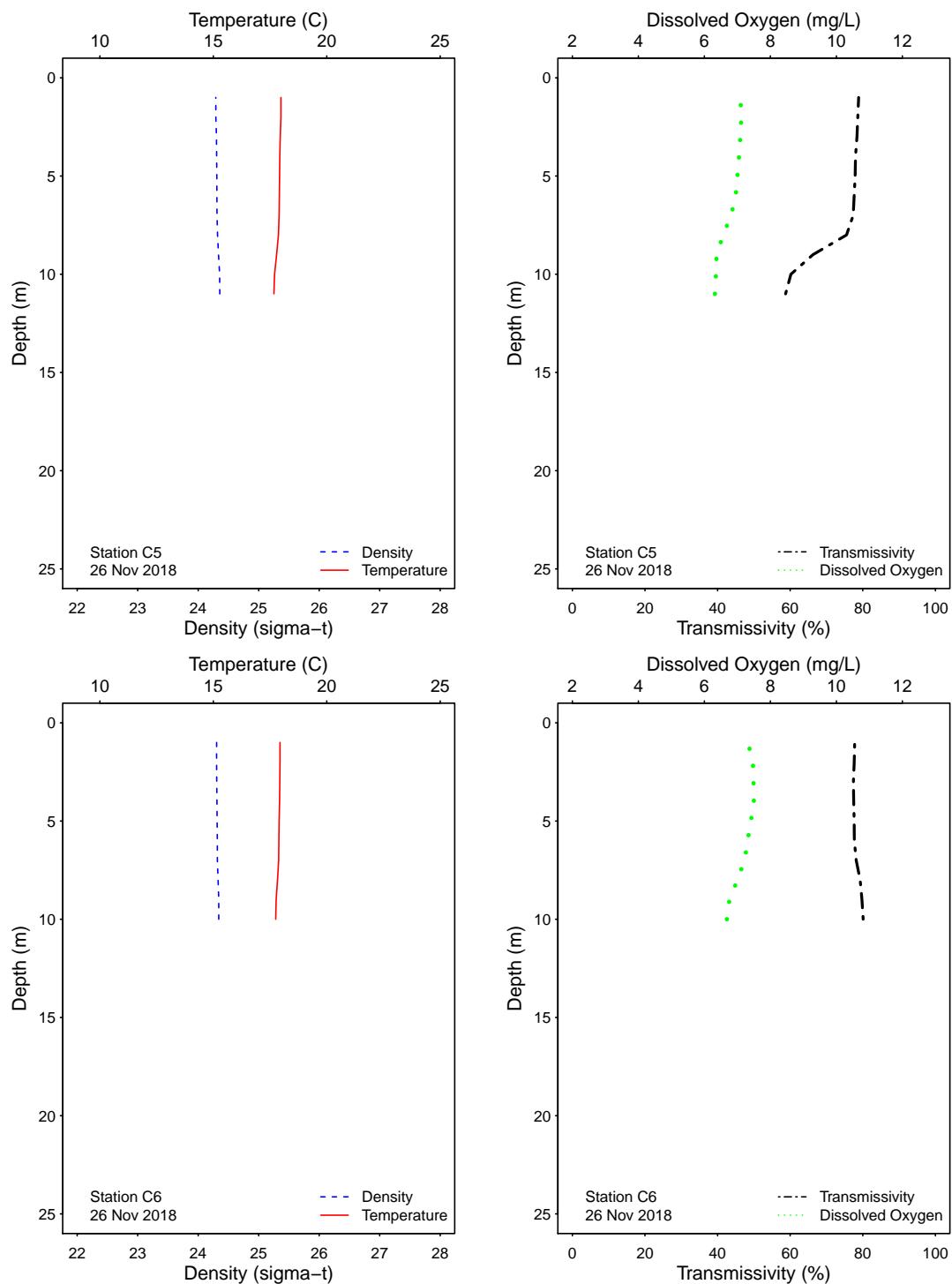


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

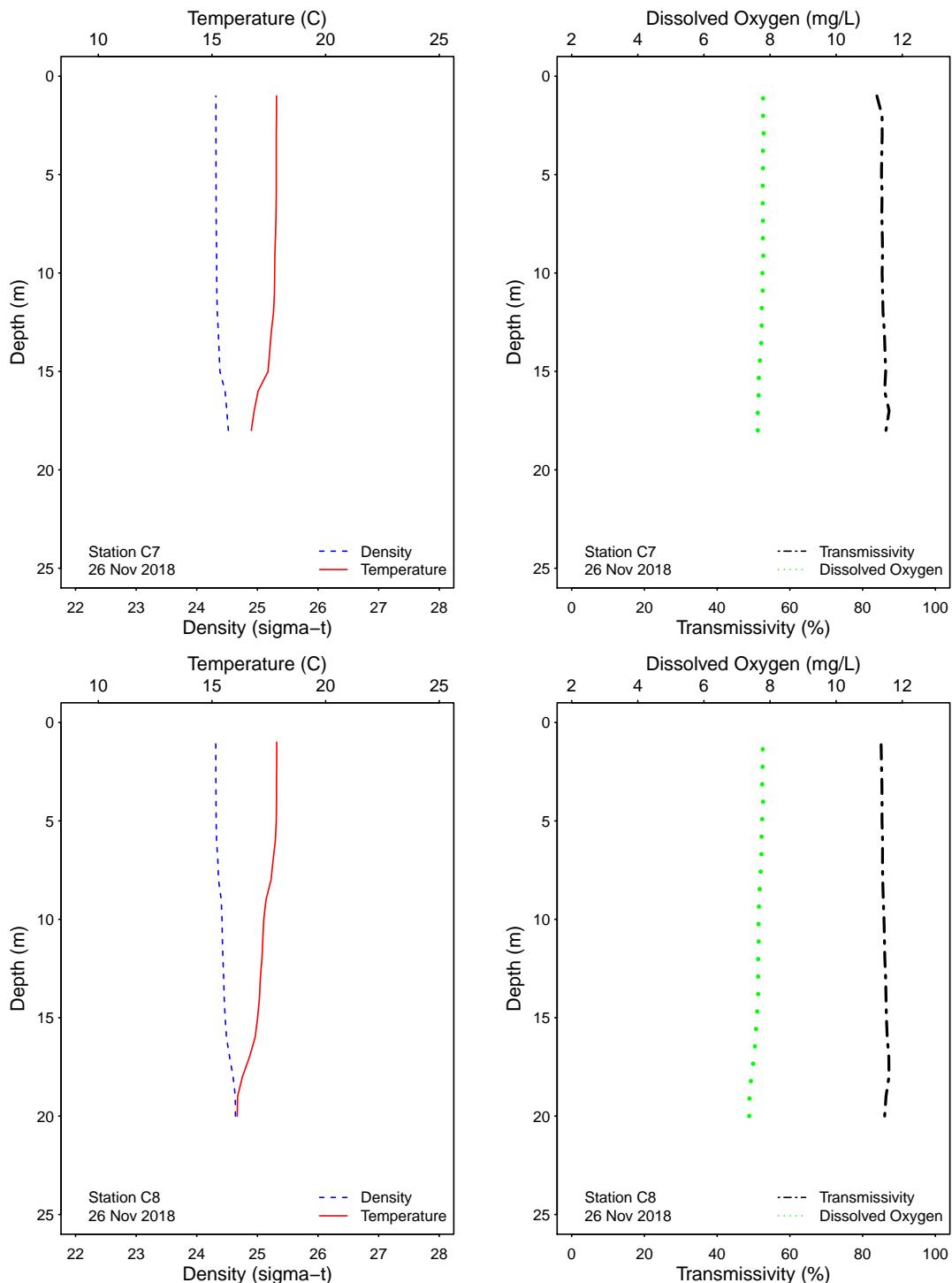


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

Offshore Stations

Table 4.1

Summary of compliance with the Ocean Plan's Single Sample Maximum standard for *Enterococcus* bacteria at the PLOO offshore stations within three nautical miles of shore. Values shall not exceed 104 CFU/100 mL.

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
15 Nov 2018	ns	IC	IC												
16 Nov 2018	IC	ns	ns	ns											

IC = In Compliance

E = Exceedance

ns = not sampled

ND = no data

Table 4.2

Summary of water quality parameters at the PLOO offshore stations for each sample date. Density of *Enterococcus* (Enter) is reported as CFU/100 mL; values for temperature (Temp, °C), transmissivity (XMS, %), dissolved oxygen (DO, mg/L), salinity (Sal, ppt), and pH were extracted from CTD profile data for depths closest to those at which the bacteriological samples were collected. Comments follow the data summary.

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F01	16 Nov 2018	1128	1	<2	18.0	84.63	7.9	33.65	8.2
F01	16 Nov 2018	1128	12	<2	17.6	83.04	8.0	33.65	8.2
F01	16 Nov 2018	1128	18	<2	17.1	78.81	7.6	33.62	8.1
F02	16 Nov 2018	817	1	<2	17.8	87.90	7.8	33.67	8.1
F02	16 Nov 2018	817	12	<2	17.8	87.79	7.8	33.67	8.1
F02	16 Nov 2018	817	18	<2	17.1	73.88	7.6	33.61	8.1
F03	16 Nov 2018	834	1	<2	17.8	88.16	7.9	33.66	8.1
F03	16 Nov 2018	834	12	<2	17.6	87.91	7.9	33.65	8.1
F03	16 Nov 2018	834	18	<2	17.1	85.07	7.6	33.61	8.1
F04	16 Nov 2018	1106	1	<2	18.8	88.67	7.7	33.74	8.2
F04	16 Nov 2018	1106	25	<2	16.8	88.19	8.1	33.59	8.2
F04	16 Nov 2018	1106	60	<2	14.2	87.25	6.8	33.54	8.0
F05	16 Nov 2018	1054	1	<2	18.6	88.02	7.7	33.72	8.2
F05	16 Nov 2018	1054	25	<2	17.1	88.24	8.1	33.60	8.2
F05	16 Nov 2018	1054	60	6e	14.2	85.80	6.8	33.54	8.0
F06	16 Nov 2018	1042	1	<2	18.4	88.06	7.8	33.69	8.2
F06	16 Nov 2018	1042	25	<2	17.1	86.63	7.9	33.61	8.1
F06	16 Nov 2018	1042	60	4e	14.2	85.26	6.8	33.54	8.0
F07	16 Nov 2018	1029	1	<2	18.5	88.49	7.8	33.69	8.2
F07	16 Nov 2018	1029	25	<2	17.0	87.73	8.1	33.57	8.2
F07	16 Nov 2018	1029	60	4e	14.3	85.65	6.8	33.54	8.0
F08	16 Nov 2018	1014	1	<2	18.4	88.48	7.8	33.70	8.2
F08	16 Nov 2018	1014	25	<2	17.1	87.67	8.1	33.59	8.1
F08	16 Nov 2018	1014	60	6e	14.3	84.13	6.8	33.53	8.0
F09	16 Nov 2018	1004	1	<2	18.4	88.39	7.8	33.69	8.2
F09	16 Nov 2018	1004	25	<2	17.1	87.79	8.1	33.58	8.1
F09	16 Nov 2018	1004	60	<2	14.4	85.91	6.8	33.53	8.0
F10	16 Nov 2018	945	1	<2	18.3	88.52	7.8	33.69	8.1
F10	16 Nov 2018	945	25	<2	17.2	88.09	8.1	33.58	8.1
F10	16 Nov 2018	945	60	2e	14.0	83.40	6.5	33.54	8.0
F11	16 Nov 2018	931	1	<2	18.3	88.62	7.8	33.69	8.2
F11	16 Nov 2018	931	25	<2	16.8	88.21	8.2	33.55	8.1
F11	16 Nov 2018	931	60	<2	13.8	82.87	6.3	33.54	8.0
F12	16 Nov 2018	917	1	<2	18.3	88.52	7.8	33.70	8.2
F12	16 Nov 2018	917	25	<2	16.2	87.95	8.1	33.54	8.1
F12	16 Nov 2018	917	60	4e	14.0	85.76	6.6	33.53	8.0

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F13	16 Nov 2018	904	1	<2	18.4	88.38	7.8	33.70	8.2
F13	16 Nov 2018	904	25	<2	17.7	88.43	7.9	33.62	8.1
F13	16 Nov 2018	904	60	6e	13.6	81.98	6.4	33.55	8.0
F14	16 Nov 2018	851	1	<2	18.4	88.47	7.8	33.70	8.2
F14	16 Nov 2018	851	25	<2	16.8	88.23	8.1	33.56	8.1
F14	16 Nov 2018	851	60	10e	13.3	83.07	6.3	33.55	8.0
F15	15 Nov 2018	1048	1	<2	18.8	88.32	7.6	33.77	8.1
F15	15 Nov 2018	1048	25	<2	17.9	88.43	7.8	33.67	8.1
F15	15 Nov 2018	1048	60	2e	14.1	88.58	6.9	33.55	8.0
F15	15 Nov 2018	1048	80	50	12.3	86.74	5.8	33.58	7.9
F16	15 Nov 2018	1034	1	<2	19.0	88.63	7.6	33.79	8.1
F16	15 Nov 2018	1034	25	<2	16.9	88.31	8.0	33.57	8.1
F16	15 Nov 2018	1034	60	4e	14.2	88.44	7.0	33.55	8.0
F16	15 Nov 2018	1034	80	76	12.7	86.52	6.1	33.56	7.9
F17	15 Nov 2018	1022	1	<2	19.0	88.50	7.6	33.80	8.1
F17	15 Nov 2018	1022	25	<2	16.2	88.30	8.3	33.52	8.1
F17	15 Nov 2018	1022	60	2e	14.3	88.49	7.0	33.55	8.0
F17	15 Nov 2018	1022	80	2e	12.8	87.32	6.2	33.57	7.9
F18	15 Nov 2018	1008	1	<2	18.9	88.75	7.6	33.77	8.1
F18	15 Nov 2018	1008	25	<2	16.4	88.04	8.2	33.53	8.1
F18	15 Nov 2018	1008	60	2e	14.2	88.39	7.0	33.54	8.0
F18	15 Nov 2018	1008	80	10e	12.8	86.81	6.1	33.57	7.9
F19	15 Nov 2018	955	1	<2	18.7	88.53	7.8	33.72	8.1
F19	15 Nov 2018	955	25	<2	16.6	88.69	8.1	33.55	8.1
F19	15 Nov 2018	955	60	<2	14.8	88.12	7.2	33.55	8.0
F19	15 Nov 2018	955	80	6e	12.8	87.83	6.3	33.57	8.0
F20	15 Nov 2018	942	1	<2	18.6	87.80	7.8	33.70	8.1
F20	15 Nov 2018	942	25	<2	17.0	88.54	8.2	33.55	8.1
F20	15 Nov 2018	942	60	<2	14.1	88.63	6.9	33.55	8.0
F20	15 Nov 2018	942	80	6e	12.8	87.80	6.2	33.57	7.9
F21	15 Nov 2018	924	1	<2	18.6	88.24	7.7	33.70	8.1
F21	15 Nov 2018	924	25	<2	17.2	88.50	8.1	33.59	8.1
F21	15 Nov 2018	924	60	<2	13.9	88.81	6.8	33.55	8.0
F21	15 Nov 2018	924	80	<2	12.9	88.97	6.2	33.57	7.9
F22	15 Nov 2018	911	1	<2	18.5	88.09	7.8	33.68	8.1
F22	15 Nov 2018	911	25	<2	16.4	88.13	8.3	33.53	8.1
F22	15 Nov 2018	911	60	<2	14.0	88.64	6.9	33.55	8.0
F22	15 Nov 2018	911	80	6e	12.7	87.22	6.1	33.57	7.9
F23	15 Nov 2018	857	1	<2	18.4	87.82	7.8	33.68	8.1
F23	15 Nov 2018	857	25	<2	16.2	88.01	8.2	33.52	8.1
F23	15 Nov 2018	857	60	<2	13.9	88.74	6.7	33.56	8.0
F23	15 Nov 2018	857	80	2e	12.4	88.25	6.0	33.58	7.9
F24	15 Nov 2018	843	1	<2	18.4	87.60	7.8	33.68	8.1
F24	15 Nov 2018	843	25	<2	15.8	87.79	8.2	33.52	8.1

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F24	15 Nov 2018	843	60	4e	13.9	88.57	6.7	33.56	8.0
F24	15 Nov 2018	843	80	16e	12.9	87.04	6.2	33.56	7.9
F25	15 Nov 2018	823	1	<2	18.5	88.02	7.8	33.70	8.1
F25	15 Nov 2018	823	25	<2	15.7	87.62	8.2	33.52	8.1
F25	15 Nov 2018	823	60	2e	13.7	88.52	6.7	33.56	8.0
F25	15 Nov 2018	823	80	6e	12.5	84.82	6.0	33.57	7.9
F26	17 Nov 2018	1050	1	<2	18.6	88.56	7.6	33.76	8.2
F26	17 Nov 2018	1050	25	<2	18.1	88.22	7.8	33.70	8.2
F26	17 Nov 2018	1050	60	<2	14.4	88.41	7.1	33.54	8.1
F26	17 Nov 2018	1050	80	22e	12.5	87.93	5.9	33.58	8.0
F26	17 Nov 2018	1050	98	12e	11.8	87.62	5.5	33.62	7.9
F27	17 Nov 2018	1035	1	<2	18.6	88.31	7.7	33.75	8.2
F27	17 Nov 2018	1035	25	<2	17.9	88.08	7.8	33.68	8.2
F27	17 Nov 2018	1035	60	<2	13.9	88.81	7.1	33.54	8.1
F27	17 Nov 2018	1035	80	110	13.1	86.41	6.3	33.50	8.0
F27	17 Nov 2018	1035	98	16e	11.8	87.19	5.5	33.62	7.9
F28	17 Nov 2018	1023	1	<2	18.7	88.76	7.7	33.75	8.2
F28	17 Nov 2018	1023	25	<2	18.1	88.16	7.8	33.71	8.2
F28	17 Nov 2018	1023	60	<2	14.5	88.51	7.8	33.51	8.1
F28	17 Nov 2018	1023	80	<2	13.1	86.98	6.7	33.51	8.0
F28	17 Nov 2018	1023	98	20e	11.8	88.05	5.5	33.63	7.9
F29	17 Nov 2018	1009	1	<2	18.6	88.70	7.6	33.76	8.2
F29	17 Nov 2018	1009	25	2e	18.1	88.22	7.8	33.70	8.2
F29	17 Nov 2018	1009	60	<2	14.4	88.68	7.8	33.51	8.1
F29	17 Nov 2018	1009	80	94	13.7	88.85	6.7	33.56	8.0
F29	17 Nov 2018	1009	98	2e	12.7	87.10	6.1	33.57	8.0
F30	17 Nov 2018	956	1	<2	18.6	88.71	7.6	33.76	8.2
F30	17 Nov 2018	956	25	<2	18.1	88.43	7.7	33.70	8.2
F30	17 Nov 2018	956	60	<2	14.3	88.68	7.7	33.51	8.1
F30	17 Nov 2018	956	80	220e	13.3	84.20	6.4	33.47	8.0
F30	17 Nov 2018	956	98	8e	12.4	85.59	5.9	33.58	8.0
F31	17 Nov 2018	942	1	<2	18.7	88.33	7.6	33.76	8.2
F31	17 Nov 2018	942	25	<2	18.5	88.73	7.7	33.74	8.2
F31	17 Nov 2018	942	60	<2	14.2	88.59	7.7	33.52	8.1
F31	17 Nov 2018	942	80	<2	13.3	89.36	7.0	33.54	8.0
F31	17 Nov 2018	942	98	4e	12.5	85.67	6.0	33.58	8.0
F32	17 Nov 2018	929	1	<2	18.7	88.75	7.7	33.76	8.2
F32	17 Nov 2018	929	25	<2	17.9	88.75	7.8	33.67	8.2
F32	17 Nov 2018	929	60	<2	14.1	88.86	7.7	33.51	8.1
F32	17 Nov 2018	929	80	2e	13.3	89.37	6.8	33.55	8.0
F32	17 Nov 2018	929	98	6e	12.5	87.43	6.0	33.57	8.0
F33	17 Nov 2018	914	1	<2	18.6	88.41	7.7	33.75	8.2
F33	17 Nov 2018	914	25	<2	18.1	88.86	7.8	33.68	8.2
F33	17 Nov 2018	914	60	<2	14.1	88.83	7.6	33.52	8.1
F33	17 Nov 2018	914	80	<2	13.4	89.14	6.9	33.55	8.0
F33	17 Nov 2018	914	98	2e	12.4	87.02	5.9	33.58	7.9

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F34	17 Nov 2018	856	1	<2	18.6	88.50	7.7	33.75	8.2
F34	17 Nov 2018	856	25	<2	18.3	88.73	7.8	33.70	8.2
F34	17 Nov 2018	856	60	<2	14.2	88.83	7.6	33.52	8.1
F34	17 Nov 2018	856	80	<2	13.4	89.17	6.9	33.55	8.0
F34	17 Nov 2018	856	98	12e	12.6	87.75	6.1	33.57	8.0
F35	17 Nov 2018	842	1	<2	18.7	88.45	7.6	33.76	8.1
F35	17 Nov 2018	842	25	<2	18.2	88.84	7.7	33.69	8.1
F35	17 Nov 2018	842	60	<2	14.0	89.07	7.5	33.52	8.1
F35	17 Nov 2018	842	80	2e	13.3	89.15	6.7	33.56	8.0
F35	17 Nov 2018	842	98	8e	12.4	87.67	6.1	33.57	7.9
F36	17 Nov 2018	826	1	<2	18.7	88.42	7.6	33.76	8.2
F36	17 Nov 2018	826	25	<2	18.1	88.76	7.8	33.69	8.1
F36	17 Nov 2018	826	60	<2	13.7	89.27	7.4	33.53	8.1
F36	17 Nov 2018	826	80	<2	13.0	89.25	6.4	33.57	8.0
F36	17 Nov 2018	826	98	12e	12.4	89.01	6.1	33.57	7.9

ns = not sampled

ND = no data

Table 4.3

Summary of visual observations made during the month for each PLOO offshore station by sample date.

Station	Date	Parameter	Value
F01	16 Nov 2018	Depth (m)	20
F01	16 Nov 2018	Arrive Time	1128
F01	16 Nov 2018	Depart Time	1132
F01	16 Nov 2018	Air Temp (C)	18
F01	16 Nov 2018	Weather	Partly Cloudy
F01	16 Nov 2018	Visibility (mi)	10
F01	16 Nov 2018	Wind Speed (kts)	0
F01	16 Nov 2018	Wind Dir	
F01	16 Nov 2018	Water Color	Bluish-Green
F01	16 Nov 2018	Wave Ht Low (ft)	3
F01	16 Nov 2018	Wave Period (sec)	13
F01	16 Nov 2018	Sea State	Calm
F01	16 Nov 2018	High Tide (ft)	4.13
F01	16 Nov 2018	High Tide Time	503
F01	16 Nov 2018	Low Tide (ft)	2.57
F01	16 Nov 2018	Low Tide Time	1051
F01	16 Nov 2018	Comments	Lobster floats; Boats
F02	16 Nov 2018	Depth (m)	20
F02	16 Nov 2018	Arrive Time	817
F02	16 Nov 2018	Depart Time	825
F02	16 Nov 2018	Air Temp (C)	16
F02	16 Nov 2018	Weather	Partly Cloudy
F02	16 Nov 2018	Visibility (mi)	8
F02	16 Nov 2018	Wind Speed (kts)	9
F02	16 Nov 2018	Wind Dir	N
F02	16 Nov 2018	Water Color	Bluish-Green
F02	16 Nov 2018	Wave Ht Low (ft)	3
F02	16 Nov 2018	Wave Period (sec)	13
F02	16 Nov 2018	Sea State	Calm
F02	16 Nov 2018	High Tide (ft)	4.13
F02	16 Nov 2018	High Tide Time	503
F02	16 Nov 2018	Low Tide (ft)	2.57
F02	16 Nov 2018	Low Tide Time	1051
F02	16 Nov 2018	Comments	Kayakers
F03	16 Nov 2018	Depth (m)	20
F03	16 Nov 2018	Arrive Time	834
F03	16 Nov 2018	Depart Time	840
F03	16 Nov 2018	Air Temp (C)	16
F03	16 Nov 2018	Weather	Partly Cloudy
F03	16 Nov 2018	Visibility (mi)	8
F03	16 Nov 2018	Wind Speed (kts)	7
F03	16 Nov 2018	Wind Dir	N
F03	16 Nov 2018	Water Color	Bluish-Green
F03	16 Nov 2018	Wave Ht Low (ft)	3
F03	16 Nov 2018	Wave Period (sec)	13
F03	16 Nov 2018	Sea State	Calm
F03	16 Nov 2018	High Tide (ft)	4.13
F03	16 Nov 2018	High Tide Time	503
F03	16 Nov 2018	Low Tide (ft)	2.57

Station	Date	Parameter	Value
F03	16 Nov 2018	Low Tide Time	1051
F03	16 Nov 2018	Comments	none
F04	16 Nov 2018	Depth (m)	61
F04	16 Nov 2018	Arrive Time	1106
F04	16 Nov 2018	Depart Time	1113
F04	16 Nov 2018	Air Temp (C)	18
F04	16 Nov 2018	Weather	Partly Cloudy
F04	16 Nov 2018	Visibility (mi)	10
F04	16 Nov 2018	Wind Speed (kts)	0
F04	16 Nov 2018	Wind Dir	
F04	16 Nov 2018	Water Color	Bluish-Green
F04	16 Nov 2018	Wave Ht Low (ft)	3
F04	16 Nov 2018	Wave Period (sec)	13
F04	16 Nov 2018	Sea State	Calm
F04	16 Nov 2018	High Tide (ft)	4.13
F04	16 Nov 2018	High Tide Time	503
F04	16 Nov 2018	Low Tide (ft)	2.57
F04	16 Nov 2018	Low Tide Time	1051
F04	16 Nov 2018	Comments	none
F05	16 Nov 2018	Depth (m)	61
F05	16 Nov 2018	Arrive Time	1054
F05	16 Nov 2018	Depart Time	1100
F05	16 Nov 2018	Air Temp (C)	18
F05	16 Nov 2018	Weather	Partly Cloudy
F05	16 Nov 2018	Visibility (mi)	10
F05	16 Nov 2018	Wind Speed (kts)	4
F05	16 Nov 2018	Wind Dir	E
F05	16 Nov 2018	Water Color	Bluish-Green
F05	16 Nov 2018	Wave Ht Low (ft)	3
F05	16 Nov 2018	Wave Period (sec)	13
F05	16 Nov 2018	Sea State	Calm
F05	16 Nov 2018	High Tide (ft)	4.13
F05	16 Nov 2018	High Tide Time	503
F05	16 Nov 2018	Low Tide (ft)	2.57
F05	16 Nov 2018	Low Tide Time	1051
F05	16 Nov 2018	Comments	none
F06	16 Nov 2018	Depth (m)	61
F06	16 Nov 2018	Arrive Time	1042
F06	16 Nov 2018	Depart Time	1048
F06	16 Nov 2018	Air Temp (C)	18
F06	16 Nov 2018	Weather	Partly Cloudy
F06	16 Nov 2018	Visibility (mi)	10
F06	16 Nov 2018	Wind Speed (kts)	4
F06	16 Nov 2018	Wind Dir	NE
F06	16 Nov 2018	Water Color	Bluish-Green
F06	16 Nov 2018	Wave Ht Low (ft)	3
F06	16 Nov 2018	Wave Period (sec)	13
F06	16 Nov 2018	Sea State	Calm
F06	16 Nov 2018	High Tide (ft)	4.13
F06	16 Nov 2018	High Tide Time	503
F06	16 Nov 2018	Low Tide (ft)	2.57
F06	16 Nov 2018	Low Tide Time	1051

Station	Date	Parameter	Value
F06	16 Nov 2018	Comments	none
F07	16 Nov 2018	Depth (m)	63
F07	16 Nov 2018	Arrive Time	1029
F07	16 Nov 2018	Depart Time	1035
F07	16 Nov 2018	Air Temp (C)	18
F07	16 Nov 2018	Weather	Partly Cloudy
F07	16 Nov 2018	Visibility (mi)	10
F07	16 Nov 2018	Wind Speed (kts)	3
F07	16 Nov 2018	Wind Dir	NW
F07	16 Nov 2018	Water Color	Bluish-Green
F07	16 Nov 2018	Wave Ht Low (ft)	3
F07	16 Nov 2018	Wave Period (sec)	13
F07	16 Nov 2018	Sea State	Calm
F07	16 Nov 2018	High Tide (ft)	4.13
F07	16 Nov 2018	High Tide Time	503
F07	16 Nov 2018	Low Tide (ft)	2.57
F07	16 Nov 2018	Low Tide Time	1051
F07	16 Nov 2018	Comments	none
F08	16 Nov 2018	Depth (m)	61
F08	16 Nov 2018	Arrive Time	1014
F08	16 Nov 2018	Depart Time	1021
F08	16 Nov 2018	Air Temp (C)	18
F08	16 Nov 2018	Weather	Partly Cloudy
F08	16 Nov 2018	Visibility (mi)	10
F08	16 Nov 2018	Wind Speed (kts)	3
F08	16 Nov 2018	Wind Dir	NE
F08	16 Nov 2018	Water Color	Bluish-Green
F08	16 Nov 2018	Wave Ht Low (ft)	3
F08	16 Nov 2018	Wave Period (sec)	13
F08	16 Nov 2018	Sea State	Calm
F08	16 Nov 2018	High Tide (ft)	4.13
F08	16 Nov 2018	High Tide Time	503
F08	16 Nov 2018	Low Tide (ft)	2.57
F08	16 Nov 2018	Low Tide Time	1051
F08	16 Nov 2018	Comments	Lobster floats
F09	16 Nov 2018	Depth (m)	62
F09	16 Nov 2018	Arrive Time	1004
F09	16 Nov 2018	Depart Time	1009
F09	16 Nov 2018	Air Temp (C)	18
F09	16 Nov 2018	Weather	Partly Cloudy
F09	16 Nov 2018	Visibility (mi)	10
F09	16 Nov 2018	Wind Speed (kts)	3
F09	16 Nov 2018	Wind Dir	NE
F09	16 Nov 2018	Water Color	Bluish-Green
F09	16 Nov 2018	Wave Ht Low (ft)	3
F09	16 Nov 2018	Wave Period (sec)	13
F09	16 Nov 2018	Sea State	Calm
F09	16 Nov 2018	High Tide (ft)	4.13
F09	16 Nov 2018	High Tide Time	503
F09	16 Nov 2018	Low Tide (ft)	2.57
F09	16 Nov 2018	Low Tide Time	1051
F09	16 Nov 2018	Comments	none

Station	Date	Parameter	Value
F10	16 Nov 2018	Depth (m)	62
F10	16 Nov 2018	Arrive Time	945
F10	16 Nov 2018	Depart Time	957
F10	16 Nov 2018	Air Temp (C)	18
F10	16 Nov 2018	Weather	Partly Cloudy
F10	16 Nov 2018	Visibility (mi)	8
F10	16 Nov 2018	Wind Speed (kts)	0
F10	16 Nov 2018	Wind Dir	
F10	16 Nov 2018	Water Color	Greenish-Blue
F10	16 Nov 2018	Wave Ht Low (ft)	3
F10	16 Nov 2018	Wave Period (sec)	13
F10	16 Nov 2018	Sea State	Calm
F10	16 Nov 2018	High Tide (ft)	4.13
F10	16 Nov 2018	High Tide Time	503
F10	16 Nov 2018	Low Tide (ft)	2.57
F10	16 Nov 2018	Low Tide Time	1051
F10	16 Nov 2018	Comments	Lobster floats
F11	16 Nov 2018	Depth (m)	61
F11	16 Nov 2018	Arrive Time	931
F11	16 Nov 2018	Depart Time	937
F11	16 Nov 2018	Air Temp (C)	18
F11	16 Nov 2018	Weather	Partly Cloudy
F11	16 Nov 2018	Visibility (mi)	8
F11	16 Nov 2018	Wind Speed (kts)	2
F11	16 Nov 2018	Wind Dir	E
F11	16 Nov 2018	Water Color	Greenish-Blue
F11	16 Nov 2018	Wave Ht Low (ft)	3
F11	16 Nov 2018	Wave Period (sec)	13
F11	16 Nov 2018	Sea State	Calm
F11	16 Nov 2018	High Tide (ft)	4.13
F11	16 Nov 2018	High Tide Time	503
F11	16 Nov 2018	Low Tide (ft)	2.57
F11	16 Nov 2018	Low Tide Time	1051
F11	16 Nov 2018	Comments	none
F12	16 Nov 2018	Depth (m)	61
F12	16 Nov 2018	Arrive Time	917
F12	16 Nov 2018	Depart Time	924
F12	16 Nov 2018	Air Temp (C)	17
F12	16 Nov 2018	Weather	Partly Cloudy
F12	16 Nov 2018	Visibility (mi)	8
F12	16 Nov 2018	Wind Speed (kts)	3
F12	16 Nov 2018	Wind Dir	E
F12	16 Nov 2018	Water Color	Greenish-Blue
F12	16 Nov 2018	Wave Ht Low (ft)	3
F12	16 Nov 2018	Wave Period (sec)	13
F12	16 Nov 2018	Sea State	Calm
F12	16 Nov 2018	High Tide (ft)	4.13
F12	16 Nov 2018	High Tide Time	503
F12	16 Nov 2018	Low Tide (ft)	2.57
F12	16 Nov 2018	Low Tide Time	1051
F12	16 Nov 2018	Comments	none

Station	Date	Parameter	Value
F13	16 Nov 2018	Depth (m)	61
F13	16 Nov 2018	Arrive Time	904
F13	16 Nov 2018	Depart Time	911
F13	16 Nov 2018	Air Temp (C)	17
F13	16 Nov 2018	Weather	Partly Cloudy
F13	16 Nov 2018	Visibility (mi)	8
F13	16 Nov 2018	Wind Speed (kts)	3
F13	16 Nov 2018	Wind Dir	NE
F13	16 Nov 2018	Water Color	Greenish-Blue
F13	16 Nov 2018	Wave Ht Low (ft)	3
F13	16 Nov 2018	Wave Period (sec)	13
F13	16 Nov 2018	Sea State	Calm
F13	16 Nov 2018	High Tide (ft)	4.13
F13	16 Nov 2018	High Tide Time	503
F13	16 Nov 2018	Low Tide (ft)	2.57
F13	16 Nov 2018	Low Tide Time	1051
F13	16 Nov 2018	Comments	none
F14	16 Nov 2018	Depth (m)	21
F14	16 Nov 2018	Arrive Time	851
F14	16 Nov 2018	Depart Time	858
F14	16 Nov 2018	Air Temp (C)	16
F14	16 Nov 2018	Weather	Partly Cloudy
F14	16 Nov 2018	Visibility (mi)	8
F14	16 Nov 2018	Wind Speed (kts)	1
F14	16 Nov 2018	Wind Dir	E
F14	16 Nov 2018	Water Color	Greenish-Blue
F14	16 Nov 2018	Wave Ht Low (ft)	3
F14	16 Nov 2018	Wave Period (sec)	13
F14	16 Nov 2018	Sea State	Calm
F14	16 Nov 2018	High Tide (ft)	4.13
F14	16 Nov 2018	High Tide Time	503
F14	16 Nov 2018	Low Tide (ft)	2.57
F14	16 Nov 2018	Low Tide Time	1051
F14	16 Nov 2018	Comments	none
F15	15 Nov 2018	Depth (m)	81
F15	15 Nov 2018	Arrive Time	1048
F15	15 Nov 2018	Depart Time	1055
F15	15 Nov 2018	Air Temp (C)	19
F15	15 Nov 2018	Weather	Partly Cloudy
F15	15 Nov 2018	Visibility (mi)	10
F15	15 Nov 2018	Wind Speed (kts)	1
F15	15 Nov 2018	Wind Dir	S
F15	15 Nov 2018	Water Color	Blue
F15	15 Nov 2018	Wave Ht Low (ft)	3
F15	15 Nov 2018	Wave Period (sec)	13
F15	15 Nov 2018	Sea State	Calm
F15	15 Nov 2018	High Tide (ft)	3.77
F15	15 Nov 2018	High Tide Time	1436
F15	15 Nov 2018	Low Tide (ft)	3.04
F15	15 Nov 2018	Low Tide Time	939
F15	15 Nov 2018	Comments	none
F16	15 Nov 2018	Depth (m)	81

Station	Date	Parameter	Value
F16	15 Nov 2018	Arrive Time	1034
F16	15 Nov 2018	Depart Time	1039
F16	15 Nov 2018	Air Temp (C)	19
F16	15 Nov 2018	Weather	Partly Cloudy
F16	15 Nov 2018	Visibility (mi)	10
F16	15 Nov 2018	Wind Speed (kts)	1
F16	15 Nov 2018	Wind Dir	SE
F16	15 Nov 2018	Water Color	Blue
F16	15 Nov 2018	Wave Ht Low (ft)	3
F16	15 Nov 2018	Wave Period (sec)	13
F16	15 Nov 2018	Sea State	Calm
F16	15 Nov 2018	High Tide (ft)	3.77
F16	15 Nov 2018	High Tide Time	1436
F16	15 Nov 2018	Low Tide (ft)	3.04
F16	15 Nov 2018	Low Tide Time	939
F16	15 Nov 2018	Comments	none
F17	15 Nov 2018	Depth (m)	81
F17	15 Nov 2018	Arrive Time	1022
F17	15 Nov 2018	Depart Time	1027
F17	15 Nov 2018	Air Temp (C)	19
F17	15 Nov 2018	Weather	Partly Cloudy
F17	15 Nov 2018	Visibility (mi)	10
F17	15 Nov 2018	Wind Speed (kts)	1
F17	15 Nov 2018	Wind Dir	SE
F17	15 Nov 2018	Water Color	Blue
F17	15 Nov 2018	Wave Ht Low (ft)	3
F17	15 Nov 2018	Wave Period (sec)	13
F17	15 Nov 2018	Sea State	Calm
F17	15 Nov 2018	High Tide (ft)	3.77
F17	15 Nov 2018	High Tide Time	1436
F17	15 Nov 2018	Low Tide (ft)	3.04
F17	15 Nov 2018	Low Tide Time	939
F17	15 Nov 2018	Comments	Boats
F18	15 Nov 2018	Depth (m)	81
F18	15 Nov 2018	Arrive Time	1009
F18	15 Nov 2018	Depart Time	1014
F18	15 Nov 2018	Air Temp (C)	19
F18	15 Nov 2018	Weather	Partly Cloudy
F18	15 Nov 2018	Visibility (mi)	10
F18	15 Nov 2018	Wind Speed (kts)	1
F18	15 Nov 2018	Wind Dir	E
F18	15 Nov 2018	Water Color	Blue
F18	15 Nov 2018	Wave Ht Low (ft)	3
F18	15 Nov 2018	Wave Period (sec)	13
F18	15 Nov 2018	Sea State	Calm
F18	15 Nov 2018	High Tide (ft)	3.77
F18	15 Nov 2018	High Tide Time	1436
F18	15 Nov 2018	Low Tide (ft)	3.04
F18	15 Nov 2018	Low Tide Time	939
F18	15 Nov 2018	Comments	none
F19	15 Nov 2018	Depth (m)	82
F19	15 Nov 2018	Arrive Time	955

Station	Date	Parameter	Value
F19	15 Nov 2018	Depart Time	1000
F19	15 Nov 2018	Air Temp (C)	18
F19	15 Nov 2018	Weather	Partly Cloudy
F19	15 Nov 2018	Visibility (mi)	10
F19	15 Nov 2018	Wind Speed (kts)	2
F19	15 Nov 2018	Wind Dir	E
F19	15 Nov 2018	Water Color	Blue
F19	15 Nov 2018	Wave Ht Low (ft)	3
F19	15 Nov 2018	Wave Period (sec)	13
F19	15 Nov 2018	Sea State	Calm
F19	15 Nov 2018	High Tide (ft)	3.77
F19	15 Nov 2018	High Tide Time	1436
F19	15 Nov 2018	Low Tide (ft)	3.04
F19	15 Nov 2018	Low Tide Time	939
F19	15 Nov 2018	Comments	Boats
F20	15 Nov 2018	Depth (m)	81
F20	15 Nov 2018	Arrive Time	942
F20	15 Nov 2018	Depart Time	948
F20	15 Nov 2018	Air Temp (C)	18
F20	15 Nov 2018	Weather	Partly Cloudy
F20	15 Nov 2018	Visibility (mi)	7
F20	15 Nov 2018	Wind Speed (kts)	3
F20	15 Nov 2018	Wind Dir	SE
F20	15 Nov 2018	Water Color	Blue
F20	15 Nov 2018	Wave Ht Low (ft)	3
F20	15 Nov 2018	Wave Period (sec)	13
F20	15 Nov 2018	Sea State	Calm
F20	15 Nov 2018	High Tide (ft)	3.77
F20	15 Nov 2018	High Tide Time	1436
F20	15 Nov 2018	Low Tide (ft)	3.04
F20	15 Nov 2018	Low Tide Time	939
F20	15 Nov 2018	Comments	none
F21	15 Nov 2018	Depth (m)	83
F21	15 Nov 2018	Arrive Time	924
F21	15 Nov 2018	Depart Time	935
F21	15 Nov 2018	Air Temp (C)	18
F21	15 Nov 2018	Weather	Partly Cloudy
F21	15 Nov 2018	Visibility (mi)	7
F21	15 Nov 2018	Wind Speed (kts)	2
F21	15 Nov 2018	Wind Dir	E
F21	15 Nov 2018	Water Color	Greenish-Blue
F21	15 Nov 2018	Wave Ht Low (ft)	3
F21	15 Nov 2018	Wave Period (sec)	13
F21	15 Nov 2018	Sea State	Calm
F21	15 Nov 2018	High Tide (ft)	3.77
F21	15 Nov 2018	High Tide Time	1436
F21	15 Nov 2018	Low Tide (ft)	3.04
F21	15 Nov 2018	Low Tide Time	939
F21	15 Nov 2018	Comments	none
F22	15 Nov 2018	Depth (m)	81
F22	15 Nov 2018	Arrive Time	911
F22	15 Nov 2018	Depart Time	917

Station	Date	Parameter	Value
F22	15 Nov 2018	Air Temp (C)	18
F22	15 Nov 2018	Weather	Partly Cloudy
F22	15 Nov 2018	Visibility (mi)	7
F22	15 Nov 2018	Wind Speed (kts)	4
F22	15 Nov 2018	Wind Dir	E
F22	15 Nov 2018	Water Color	Greenish-Blue
F22	15 Nov 2018	Wave Ht Low (ft)	3
F22	15 Nov 2018	Wave Period (sec)	13
F22	15 Nov 2018	Sea State	Calm
F22	15 Nov 2018	High Tide (ft)	3.77
F22	15 Nov 2018	High Tide Time	1436
F22	15 Nov 2018	Low Tide (ft)	3.04
F22	15 Nov 2018	Low Tide Time	939
F22	15 Nov 2018	Comments	Kelp debris
F24	15 Nov 2018	Depth (m)	82
F24	15 Nov 2018	Arrive Time	843
F24	15 Nov 2018	Depart Time	849
F24	15 Nov 2018	Air Temp (C)	17
F24	15 Nov 2018	Weather	Partly Cloudy
F24	15 Nov 2018	Visibility (mi)	7
F24	15 Nov 2018	Wind Speed (kts)	2
F24	15 Nov 2018	Wind Dir	NE
F24	15 Nov 2018	Water Color	Greenish-Blue
F24	15 Nov 2018	Wave Ht Low (ft)	3
F24	15 Nov 2018	Wave Period (sec)	13
F24	15 Nov 2018	Sea State	Calm
F24	15 Nov 2018	High Tide (ft)	3.77
F24	15 Nov 2018	High Tide Time	1436
F24	15 Nov 2018	Low Tide (ft)	3.04
F24	15 Nov 2018	Low Tide Time	939
F24	15 Nov 2018	Comments	Kelp debris
F25	15 Nov 2018	Depth (m)	80
F25	15 Nov 2018	Arrive Time	823
F25	15 Nov 2018	Depart Time	839
F25	15 Nov 2018	Air Temp (C)	17
F25	15 Nov 2018	Weather	Partly Cloudy
F25	15 Nov 2018	Visibility (mi)	7
F25	15 Nov 2018	Wind Speed (kts)	5
F25	15 Nov 2018	Wind Dir	NE
F25	15 Nov 2018	Water Color	Greenish-Blue
F25	15 Nov 2018	Wave Ht Low (ft)	3
F25	15 Nov 2018	Wave Period (sec)	13
F25	15 Nov 2018	Sea State	Calm
F25	15 Nov 2018	High Tide (ft)	3.77
F25	15 Nov 2018	High Tide Time	1436
F25	15 Nov 2018	Low Tide (ft)	3.04
F25	15 Nov 2018	Low Tide Time	939
F25	15 Nov 2018	Comments	Boats
F26	17 Nov 2018	Depth (m)	97
F26	17 Nov 2018	Arrive Time	1050
F26	17 Nov 2018	Depart Time	1055
F26	17 Nov 2018	Air Temp (C)	17

Station	Date	Parameter	Value
F26	17 Nov 2018	Weather	Partly Cloudy
F26	17 Nov 2018	Visibility (mi)	12
F26	17 Nov 2018	Wind Speed (kts)	7
F26	17 Nov 2018	Wind Dir	S
F26	17 Nov 2018	Water Color	Blue
F26	17 Nov 2018	Wave Ht Low (ft)	3
F26	17 Nov 2018	Wave Period (sec)	13
F26	17 Nov 2018	Sea State	Calm
F26	17 Nov 2018	High Tide (ft)	4.46
F26	17 Nov 2018	High Tide Time	527
F26	17 Nov 2018	Low Tide (ft)	2.01
F26	17 Nov 2018	Low Tide Time	1136
F26	17 Nov 2018	Comments	
F27	17 Nov 2018	Depth (m)	99
F27	17 Nov 2018	Arrive Time	1035
F27	17 Nov 2018	Depart Time	1042
F27	17 Nov 2018	Air Temp (C)	18
F27	17 Nov 2018	Weather	Partly Cloudy
F27	17 Nov 2018	Visibility (mi)	12
F27	17 Nov 2018	Wind Speed (kts)	4
F27	17 Nov 2018	Wind Dir	S
F27	17 Nov 2018	Water Color	Blue
F27	17 Nov 2018	Wave Ht Low (ft)	3
F27	17 Nov 2018	Wave Period (sec)	13
F27	17 Nov 2018	Sea State	Calm
F27	17 Nov 2018	High Tide (ft)	4.46
F27	17 Nov 2018	High Tide Time	527
F27	17 Nov 2018	Low Tide (ft)	2.01
F27	17 Nov 2018	Low Tide Time	1136
F27	17 Nov 2018	Comments	none
F28	17 Nov 2018	Depth (m)	100
F28	17 Nov 2018	Arrive Time	1023
F28	17 Nov 2018	Depart Time	1028
F28	17 Nov 2018	Air Temp (C)	17
F28	17 Nov 2018	Weather	Partly Cloudy
F28	17 Nov 2018	Visibility (mi)	12
F28	17 Nov 2018	Wind Speed (kts)	1
F28	17 Nov 2018	Wind Dir	SE
F28	17 Nov 2018	Water Color	Blue
F28	17 Nov 2018	Wave Ht Low (ft)	3
F28	17 Nov 2018	Wave Period (sec)	13
F28	17 Nov 2018	Sea State	Calm
F28	17 Nov 2018	High Tide (ft)	4.46
F28	17 Nov 2018	High Tide Time	527
F28	17 Nov 2018	Low Tide (ft)	2.01
F28	17 Nov 2018	Low Tide Time	1136
F28	17 Nov 2018	Comments	none
F29	17 Nov 2018	Depth (m)	99
F29	17 Nov 2018	Arrive Time	1009
F29	17 Nov 2018	Depart Time	1015
F29	17 Nov 2018	Air Temp (C)	17
F29	17 Nov 2018	Weather	Partly Cloudy

Station	Date	Parameter	Value
F29	17 Nov 2018	Visibility (mi)	12
F29	17 Nov 2018	Wind Speed (kts)	3
F29	17 Nov 2018	Wind Dir	E
F29	17 Nov 2018	Water Color	Blue
F29	17 Nov 2018	Wave Ht Low (ft)	3
F29	17 Nov 2018	Wave Period (sec)	13
F29	17 Nov 2018	Sea State	Calm
F29	17 Nov 2018	High Tide (ft)	4.46
F29	17 Nov 2018	High Tide Time	527
F29	17 Nov 2018	Low Tide (ft)	2.01
F29	17 Nov 2018	Low Tide Time	1136
F29	17 Nov 2018	Comments	none
F30	17 Nov 2018	Depth (m)	97
F30	17 Nov 2018	Arrive Time	956
F30	17 Nov 2018	Depart Time	1006
F30	17 Nov 2018	Air Temp (C)	17
F30	17 Nov 2018	Weather	Partly Cloudy
F30	17 Nov 2018	Visibility (mi)	12
F30	17 Nov 2018	Wind Speed (kts)	4
F30	17 Nov 2018	Wind Dir	E
F30	17 Nov 2018	Water Color	Blue
F30	17 Nov 2018	Wave Ht Low (ft)	3
F30	17 Nov 2018	Wave Period (sec)	13
F30	17 Nov 2018	Sea State	Calm
F30	17 Nov 2018	High Tide (ft)	4.46
F30	17 Nov 2018	High Tide Time	527
F30	17 Nov 2018	Low Tide (ft)	2.01
F30	17 Nov 2018	Low Tide Time	1136
F30	17 Nov 2018	Comments	none
F31	17 Nov 2018	Depth (m)	98
F31	17 Nov 2018	Arrive Time	942
F31	17 Nov 2018	Depart Time	947
F31	17 Nov 2018	Air Temp (C)	17
F31	17 Nov 2018	Weather	Partly Cloudy
F31	17 Nov 2018	Visibility (mi)	12
F31	17 Nov 2018	Wind Speed (kts)	4
F31	17 Nov 2018	Wind Dir	E
F31	17 Nov 2018	Water Color	Blue
F31	17 Nov 2018	Wave Ht Low (ft)	3
F31	17 Nov 2018	Wave Period (sec)	13
F31	17 Nov 2018	Sea State	Calm
F31	17 Nov 2018	High Tide (ft)	4.46
F31	17 Nov 2018	High Tide Time	527
F31	17 Nov 2018	Low Tide (ft)	2.01
F31	17 Nov 2018	Low Tide Time	1136
F31	17 Nov 2018	Comments	Kelp debris
F32	17 Nov 2018	Depth (m)	99
F32	17 Nov 2018	Arrive Time	929
F32	17 Nov 2018	Depart Time	934
F32	17 Nov 2018	Air Temp (C)	18
F32	17 Nov 2018	Weather	Partly Cloudy
F32	17 Nov 2018	Visibility (mi)	12

Station	Date	Parameter	Value
F32	17 Nov 2018	Wind Speed (kts)	5
F32	17 Nov 2018	Wind Dir	NE
F32	17 Nov 2018	Water Color	Blue
F32	17 Nov 2018	Wave Ht Low (ft)	3
F32	17 Nov 2018	Wave Period (sec)	13
F32	17 Nov 2018	Sea State	Calm
F32	17 Nov 2018	High Tide (ft)	4.46
F32	17 Nov 2018	High Tide Time	527
F32	17 Nov 2018	Low Tide (ft)	2.01
F32	17 Nov 2018	Low Tide Time	1136
F32	17 Nov 2018	Comments	none
F33	17 Nov 2018	Depth (m)	101
F33	17 Nov 2018	Arrive Time	914
F33	17 Nov 2018	Depart Time	921
F33	17 Nov 2018	Air Temp (C)	17
F33	17 Nov 2018	Weather	Partly Cloudy
F33	17 Nov 2018	Visibility (mi)	12
F33	17 Nov 2018	Wind Speed (kts)	5
F33	17 Nov 2018	Wind Dir	NE
F33	17 Nov 2018	Water Color	Blue
F33	17 Nov 2018	Wave Ht Low (ft)	3
F33	17 Nov 2018	Wave Period (sec)	13
F33	17 Nov 2018	Sea State	Calm
F33	17 Nov 2018	High Tide (ft)	4.46
F33	17 Nov 2018	High Tide Time	527
F33	17 Nov 2018	Low Tide (ft)	2.01
F33	17 Nov 2018	Low Tide Time	1136
F33	17 Nov 2018	Comments	none
F34	17 Nov 2018	Depth (m)	99
F34	17 Nov 2018	Arrive Time	856
F34	17 Nov 2018	Depart Time	906
F34	17 Nov 2018	Air Temp (C)	17
F34	17 Nov 2018	Weather	Partly Cloudy
F34	17 Nov 2018	Visibility (mi)	12
F34	17 Nov 2018	Wind Speed (kts)	1
F34	17 Nov 2018	Wind Dir	NE
F34	17 Nov 2018	Water Color	Blue
F34	17 Nov 2018	Wave Ht Low (ft)	3
F34	17 Nov 2018	Wave Period (sec)	13
F34	17 Nov 2018	Sea State	Calm
F34	17 Nov 2018	High Tide (ft)	4.46
F34	17 Nov 2018	High Tide Time	527
F34	17 Nov 2018	Low Tide (ft)	2.01
F34	17 Nov 2018	Low Tide Time	1136
F34	17 Nov 2018	Comments	none
F35	17 Nov 2018	Depth (m)	99
F35	17 Nov 2018	Arrive Time	842
F35	17 Nov 2018	Depart Time	848
F35	17 Nov 2018	Air Temp (C)	16
F35	17 Nov 2018	Weather	Partly Cloudy
F35	17 Nov 2018	Visibility (mi)	10
F35	17 Nov 2018	Wind Speed (kts)	4

Station	Date	Parameter	Value
F35	17 Nov 2018	Wind Dir	N
F35	17 Nov 2018	Water Color	Blue
F35	17 Nov 2018	Wave Ht Low (ft)	3
F35	17 Nov 2018	Wave Period (sec)	13
F35	17 Nov 2018	Sea State	Calm
F35	17 Nov 2018	High Tide (ft)	4.46
F35	17 Nov 2018	High Tide Time	527
F35	17 Nov 2018	Low Tide (ft)	2.01
F35	17 Nov 2018	Low Tide Time	1136
F35	17 Nov 2018	Comments	none
F36	17 Nov 2018	Depth (m)	99
F36	17 Nov 2018	Arrive Time	826
F36	17 Nov 2018	Depart Time	833
F36	17 Nov 2018	Air Temp (C)	16
F36	17 Nov 2018	Weather	Partly Cloudy
F36	17 Nov 2018	Visibility (mi)	7
F36	17 Nov 2018	Wind Speed (kts)	5
F36	17 Nov 2018	Wind Dir	NE
F36	17 Nov 2018	Water Color	Blue
F36	17 Nov 2018	Wave Ht Low (ft)	3
F36	17 Nov 2018	Wave Period (sec)	13
F36	17 Nov 2018	Sea State	Calm
F36	17 Nov 2018	High Tide (ft)	4.46
F36	17 Nov 2018	High Tide Time	527
F36	17 Nov 2018	Low Tide (ft)	2.01
F36	17 Nov 2018	Low Tide Time	1136
F36	17 Nov 2018	Comments	none

Table 4.4

Summary of CTD profile data from the PLOO offshore stations for each sample date.

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F01	16 Nov 2018	1	17.98	84.63	7.9	33.65	8.2	24.2	0.38
F01	16 Nov 2018	2	17.81	83.57	7.9	33.65	8.2	24.3	0.39
F01	16 Nov 2018	3	17.74	84.06	7.9	33.65	8.2	24.3	0.43
F01	16 Nov 2018	4	17.69	83.74	8.0	33.64	8.2	24.3	0.50
F01	16 Nov 2018	5	17.67	83.56	7.9	33.64	8.2	24.3	0.55
F01	16 Nov 2018	6	17.65	83.39	8.0	33.64	8.2	24.3	0.62
F01	16 Nov 2018	7	17.64	83.11	8.0	33.64	8.2	24.3	0.68
F01	16 Nov 2018	8	17.63	83.35	8.0	33.64	8.2	24.3	0.76
F01	16 Nov 2018	9	17.62	83.18	8.0	33.64	8.2	24.3	0.86
F01	16 Nov 2018	10	17.62	83.05	8.0	33.65	8.2	24.3	0.92
F01	16 Nov 2018	11	17.61	83.01	8.0	33.65	8.2	24.3	0.98
F01	16 Nov 2018	12	17.60	83.04	8.0	33.65	8.2	24.3	1.07
F01	16 Nov 2018	13	17.60	82.58	7.9	33.65	8.2	24.3	1.12
F01	16 Nov 2018	14	17.57	82.73	7.9	33.65	8.2	24.3	1.19
F01	16 Nov 2018	15	17.54	82.42	7.9	33.65	8.2	24.3	1.30
F01	16 Nov 2018	16	17.49	80.89	7.9	33.64	8.2	24.4	1.41
F01	16 Nov 2018	17	17.41	79.41	7.8	33.64	8.2	24.4	1.53
F01	16 Nov 2018	18	17.11	78.81	7.6	33.62	8.1	24.4	1.58
F01	16 Nov 2018	19	16.33	79.02	7.6	33.55	8.1	24.6	1.32
F01	16 Nov 2018	20	16.10	77.87	7.6	33.52	8.1	24.6	1.09
F02	16 Nov 2018	1	17.82	87.90	7.8	33.67	8.1	24.3	0.49
F02	16 Nov 2018	2	17.82	87.88	7.8	33.67	8.1	24.3	0.46
F02	16 Nov 2018	3	17.82	87.46	7.8	33.67	8.1	24.3	0.47
F02	16 Nov 2018	4	17.82	87.25	7.8	33.67	8.1	24.3	0.49
F02	16 Nov 2018	5	17.82	87.74	7.8	33.67	8.1	24.3	0.50
F02	16 Nov 2018	6	17.81	87.88	7.8	33.67	8.1	24.3	0.52
F02	16 Nov 2018	7	17.81	87.92	7.8	33.67	8.1	24.3	0.51
F02	16 Nov 2018	8	17.80	87.83	7.8	33.67	8.1	24.3	0.52
F02	16 Nov 2018	9	17.80	87.57	7.8	33.67	8.1	24.3	0.55
F02	16 Nov 2018	10	17.79	87.82	7.9	33.67	8.1	24.3	0.56
F02	16 Nov 2018	11	17.79	87.73	7.8	33.67	8.1	24.3	0.55
F02	16 Nov 2018	12	17.78	87.79	7.8	33.67	8.1	24.3	0.55
F02	16 Nov 2018	13	17.56	87.63	7.7	33.66	8.1	24.4	0.59
F02	16 Nov 2018	14	17.31	86.81	7.6	33.64	8.1	24.4	0.62
F02	16 Nov 2018	15	17.13	84.98	7.6	33.62	8.1	24.4	0.63
F02	16 Nov 2018	16	17.09	82.37	7.6	33.61	8.1	24.4	0.74
F02	16 Nov 2018	17	17.06	75.94	7.6	33.61	8.1	24.4	0.75
F02	16 Nov 2018	18	17.07	73.88	7.6	33.61	8.1	24.4	0.78
F02	16 Nov 2018	19	17.05	72.45	7.5	33.61	8.1	24.4	0.82
F02	16 Nov 2018	20	17.00	67.90	7.5	33.61	8.1	24.4	0.90
F03	16 Nov 2018	1	17.79	88.16	7.9	33.66	8.1	24.3	0.44
F03	16 Nov 2018	2	17.79	88.16	7.8	33.66	8.1	24.3	0.43
F03	16 Nov 2018	3	17.79	88.06	7.9	33.66	8.1	24.3	0.43
F03	16 Nov 2018	4	17.79	88.07	7.9	33.66	8.1	24.3	0.46
F03	16 Nov 2018	5	17.79	88.14	7.9	33.66	8.1	24.3	0.48
F03	16 Nov 2018	6	17.79	88.07	7.9	33.66	8.1	24.3	0.46
F03	16 Nov 2018	7	17.80	88.07	7.9	33.66	8.1	24.3	0.47
F03	16 Nov 2018	8	17.80	88.15	7.9	33.66	8.1	24.3	0.47
F03	16 Nov 2018	9	17.79	88.15	7.9	33.66	8.1	24.3	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F03	16 Nov 2018	10	17.77	88.10	7.9	33.66	8.1	24.3	0.53
F03	16 Nov 2018	11	17.75	87.99	7.9	33.66	8.1	24.3	0.57
F03	16 Nov 2018	12	17.65	87.91	7.9	33.65	8.1	24.3	0.60
F03	16 Nov 2018	13	17.59	87.83	7.8	33.64	8.1	24.3	0.65
F03	16 Nov 2018	14	17.55	87.76	7.8	33.64	8.1	24.3	0.67
F03	16 Nov 2018	15	17.48	87.47	7.8	33.63	8.1	24.4	0.70
F03	16 Nov 2018	16	17.34	87.20	7.7	33.63	8.1	24.4	0.78
F03	16 Nov 2018	17	17.18	86.30	7.6	33.62	8.1	24.4	0.83
F03	16 Nov 2018	18	17.06	85.07	7.6	33.61	8.1	24.4	0.88
F03	16 Nov 2018	19	17.00	83.41	7.6	33.61	8.1	24.4	0.88
F03	16 Nov 2018	20	16.97	82.55	7.5	33.60	8.1	24.4	0.92
F04	16 Nov 2018	1	18.82	88.67	7.7	33.74	8.2	24.1	0.04
F04	16 Nov 2018	2	18.71	88.65	7.7	33.74	8.2	24.1	0.07
F04	16 Nov 2018	3	18.61	88.54	7.7	33.74	8.2	24.2	0.17
F04	16 Nov 2018	4	18.60	88.47	7.7	33.74	8.2	24.2	0.05
F04	16 Nov 2018	5	18.59	88.44	7.7	33.73	8.2	24.2	0.06
F04	16 Nov 2018	6	18.58	88.47	7.7	33.73	8.2	24.2	0.06
F04	16 Nov 2018	7	18.58	88.36	7.7	33.73	8.2	24.2	0.06
F04	16 Nov 2018	8	18.57	88.29	7.7	33.73	8.2	24.2	0.07
F04	16 Nov 2018	9	18.57	88.43	7.7	33.73	8.2	24.2	0.08
F04	16 Nov 2018	10	18.56	88.43	7.7	33.73	8.2	24.2	0.08
F04	16 Nov 2018	11	18.54	88.46	7.7	33.73	8.2	24.2	0.10
F04	16 Nov 2018	12	18.51	88.47	7.7	33.73	8.2	24.2	0.10
F04	16 Nov 2018	13	18.48	88.51	7.7	33.72	8.2	24.2	0.10
F04	16 Nov 2018	14	18.42	88.54	7.7	33.71	8.2	24.2	0.11
F04	16 Nov 2018	15	18.34	88.62	7.8	33.70	8.2	24.2	0.12
F04	16 Nov 2018	16	18.30	88.69	7.8	33.70	8.2	24.2	0.14
F04	16 Nov 2018	17	18.21	88.73	7.7	33.69	8.2	24.2	0.16
F04	16 Nov 2018	18	18.08	88.67	7.8	33.68	8.2	24.2	0.16
F04	16 Nov 2018	19	17.86	88.58	7.8	33.66	8.2	24.3	0.19
F04	16 Nov 2018	20	17.63	88.53	7.9	33.65	8.2	24.3	0.22
F04	16 Nov 2018	21	17.38	88.49	8.0	33.63	8.2	24.4	0.27
F04	16 Nov 2018	22	17.24	88.35	8.0	33.62	8.2	24.4	0.34
F04	16 Nov 2018	23	17.10	88.10	8.0	33.61	8.2	24.4	0.39
F04	16 Nov 2018	24	16.94	88.10	8.0	33.60	8.2	24.5	0.43
F04	16 Nov 2018	25	16.77	88.19	8.1	33.59	8.2	24.5	0.45
F04	16 Nov 2018	26	16.45	88.17	8.1	33.56	8.2	24.5	0.45
F04	16 Nov 2018	27	16.20	88.24	8.2	33.53	8.1	24.6	0.45
F04	16 Nov 2018	28	16.03	88.34	8.2	33.52	8.1	24.6	0.50
F04	16 Nov 2018	29	15.90	88.23	8.2	33.52	8.1	24.6	0.59
F04	16 Nov 2018	30	15.69	88.08	8.1	33.52	8.1	24.7	0.82
F04	16 Nov 2018	31	15.53	87.63	7.9	33.53	8.1	24.7	1.33
F04	16 Nov 2018	32	15.29	86.27	7.7	33.54	8.1	24.8	1.63
F04	16 Nov 2018	33	15.13	86.04	7.5	33.54	8.1	24.8	1.50
F04	16 Nov 2018	34	15.10	86.79	7.4	33.54	8.1	24.8	1.35
F04	16 Nov 2018	35	15.08	87.33	7.4	33.54	8.1	24.8	1.27
F04	16 Nov 2018	36	15.03	87.40	7.4	33.54	8.1	24.8	1.17
F04	16 Nov 2018	37	14.98	87.64	7.3	33.54	8.1	24.9	1.08
F04	16 Nov 2018	38	14.96	87.87	7.3	33.54	8.1	24.9	1.05
F04	16 Nov 2018	39	14.95	87.96	7.3	33.54	8.1	24.9	1.04
F04	16 Nov 2018	40	14.95	88.07	7.3	33.54	8.1	24.9	1.03
F04	16 Nov 2018	41	14.95	88.11	7.3	33.55	8.1	24.9	1.03
F04	16 Nov 2018	42	14.95	88.10	7.3	33.55	8.1	24.9	1.02
F04	16 Nov 2018	43	14.94	88.08	7.3	33.55	8.1	24.9	1.04

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F04	16 Nov 2018	44	14.93	88.12	7.3	33.55	8.1	24.9	1.04
F04	16 Nov 2018	45	14.92	88.19	7.3	33.55	8.1	24.9	1.04
F04	16 Nov 2018	46	14.92	88.20	7.3	33.55	8.1	24.9	1.03
F04	16 Nov 2018	47	14.92	88.23	7.3	33.55	8.1	24.9	1.03
F04	16 Nov 2018	48	14.91	88.22	7.3	33.55	8.1	24.9	1.01
F04	16 Nov 2018	49	14.90	88.26	7.3	33.55	8.1	24.9	0.99
F04	16 Nov 2018	50	14.90	88.29	7.3	33.55	8.1	24.9	0.97
F04	16 Nov 2018	51	14.87	88.31	7.3	33.55	8.1	24.9	0.94
F04	16 Nov 2018	52	14.83	88.32	7.2	33.55	8.1	24.9	0.86
F04	16 Nov 2018	53	14.67	88.30	7.1	33.55	8.1	24.9	0.74
F04	16 Nov 2018	54	14.47	88.11	7.0	33.55	8.1	25.0	0.64
F04	16 Nov 2018	55	14.38	87.81	7.0	33.54	8.1	25.0	0.59
F04	16 Nov 2018	56	14.33	87.47	7.0	33.54	8.1	25.0	0.55
F04	16 Nov 2018	57	14.28	87.30	6.9	33.54	8.0	25.0	0.54
F04	16 Nov 2018	58	14.27	87.28	6.9	33.54	8.0	25.0	0.52
F04	16 Nov 2018	59	14.25	87.35	6.9	33.54	8.0	25.0	0.51
F04	16 Nov 2018	60	14.19	87.25	6.8	33.54	8.0	25.0	0.48
F04	16 Nov 2018	61	14.07	86.89	6.8	33.54	8.0	25.0	0.48
F04	16 Nov 2018	62	14.13	86.81	6.8	33.54	8.0	25.0	0.47
F05	16 Nov 2018	1	18.63	88.02	7.7	33.72	8.2	24.1	0.07
F05	16 Nov 2018	2	18.63	88.09	7.7	33.72	8.2	24.1	0.08
F05	16 Nov 2018	3	18.60	88.24	7.7	33.72	8.2	24.1	0.07
F05	16 Nov 2018	4	18.61	88.32	7.7	33.72	8.2	24.1	0.05
F05	16 Nov 2018	5	18.60	88.38	7.7	33.72	8.2	24.1	0.05
F05	16 Nov 2018	6	18.54	88.40	7.8	33.72	8.2	24.2	0.06
F05	16 Nov 2018	7	18.51	88.36	7.8	33.72	8.2	24.2	0.06
F05	16 Nov 2018	8	18.47	88.33	7.8	33.71	8.2	24.2	0.08
F05	16 Nov 2018	9	18.38	88.30	7.8	33.70	8.2	24.2	0.11
F05	16 Nov 2018	10	18.33	88.21	7.8	33.69	8.2	24.2	0.13
F05	16 Nov 2018	11	18.27	87.91	7.8	33.68	8.2	24.2	0.16
F05	16 Nov 2018	12	18.20	87.97	7.9	33.68	8.2	24.2	0.18
F05	16 Nov 2018	13	18.16	88.02	7.9	33.68	8.2	24.2	0.20
F05	16 Nov 2018	14	18.15	88.07	7.9	33.68	8.2	24.2	0.22
F05	16 Nov 2018	15	18.14	88.17	7.9	33.68	8.2	24.2	0.24
F05	16 Nov 2018	16	18.14	88.23	7.8	33.68	8.2	24.2	0.27
F05	16 Nov 2018	17	18.03	88.24	7.9	33.67	8.2	24.2	0.28
F05	16 Nov 2018	18	17.72	88.21	8.0	33.63	8.2	24.3	0.28
F05	16 Nov 2018	19	17.54	88.17	8.1	33.61	8.2	24.3	0.29
F05	16 Nov 2018	20	17.46	88.18	8.1	33.60	8.2	24.3	0.32
F05	16 Nov 2018	21	17.42	88.18	8.1	33.61	8.2	24.4	0.33
F05	16 Nov 2018	22	17.32	88.19	8.1	33.62	8.2	24.4	0.37
F05	16 Nov 2018	23	17.18	88.25	8.1	33.61	8.2	24.4	0.41
F05	16 Nov 2018	24	17.07	88.25	8.1	33.60	8.2	24.4	0.43
F05	16 Nov 2018	25	17.06	88.24	8.1	33.60	8.2	24.4	0.44
F05	16 Nov 2018	26	17.04	88.20	8.1	33.60	8.2	24.4	0.46
F05	16 Nov 2018	27	16.99	88.18	8.0	33.60	8.2	24.4	0.49
F05	16 Nov 2018	28	16.80	88.13	8.1	33.58	8.2	24.5	0.51
F05	16 Nov 2018	29	16.57	88.18	8.2	33.55	8.1	24.5	0.56
F05	16 Nov 2018	30	16.44	88.09	8.2	33.54	8.1	24.5	0.61
F05	16 Nov 2018	31	16.18	88.02	8.2	33.53	8.1	24.6	0.75
F05	16 Nov 2018	32	16.04	87.73	8.1	33.53	8.1	24.6	0.92
F05	16 Nov 2018	33	15.94	87.09	8.1	33.53	8.1	24.6	1.03
F05	16 Nov 2018	34	15.75	86.99	8.1	33.53	8.1	24.7	1.18
F05	16 Nov 2018	35	15.53	87.01	8.0	33.53	8.1	24.7	1.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F05	16 Nov 2018	36	15.39	86.61	7.8	33.54	8.1	24.8	1.97
F05	16 Nov 2018	37	15.30	86.24	7.6	33.54	8.1	24.8	1.99
F05	16 Nov 2018	38	15.17	86.19	7.5	33.54	8.1	24.8	1.84
F05	16 Nov 2018	39	15.13	86.90	7.5	33.54	8.1	24.8	1.68
F05	16 Nov 2018	40	15.10	87.16	7.4	33.54	8.1	24.8	1.51
F05	16 Nov 2018	41	15.04	87.41	7.5	33.54	8.1	24.8	1.35
F05	16 Nov 2018	42	15.00	87.84	7.4	33.54	8.1	24.8	1.27
F05	16 Nov 2018	43	14.99	87.94	7.4	33.54	8.1	24.8	1.20
F05	16 Nov 2018	44	14.92	87.96	7.4	33.54	8.1	24.9	1.09
F05	16 Nov 2018	45	14.88	88.10	7.3	33.54	8.1	24.9	0.96
F05	16 Nov 2018	46	14.87	88.25	7.3	33.54	8.1	24.9	0.88
F05	16 Nov 2018	47	14.87	88.32	7.3	33.54	8.1	24.9	0.83
F05	16 Nov 2018	48	14.84	88.32	7.3	33.54	8.1	24.9	0.78
F05	16 Nov 2018	49	14.83	88.22	7.3	33.54	8.1	24.9	0.76
F05	16 Nov 2018	50	14.82	88.11	7.3	33.54	8.1	24.9	0.74
F05	16 Nov 2018	51	14.82	88.01	7.2	33.54	8.1	24.9	0.71
F05	16 Nov 2018	52	14.78	87.87	7.1	33.54	8.1	24.9	0.68
F05	16 Nov 2018	53	14.58	87.47	7.0	33.54	8.1	24.9	0.62
F05	16 Nov 2018	54	14.33	87.12	6.9	33.54	8.0	25.0	0.53
F05	16 Nov 2018	55	14.25	86.43	6.8	33.54	8.0	25.0	0.48
F05	16 Nov 2018	56	14.24	86.06	6.8	33.54	8.0	25.0	0.46
F05	16 Nov 2018	57	14.22	85.98	6.8	33.54	8.0	25.0	0.43
F05	16 Nov 2018	58	14.21	85.90	6.8	33.54	8.0	25.0	0.43
F05	16 Nov 2018	59	14.21	85.78	6.8	33.54	8.0	25.0	0.43
F05	16 Nov 2018	60	14.20	85.80	6.8	33.54	8.0	25.0	0.42
F05	16 Nov 2018	61	14.20	85.56	6.8	33.54	8.0	25.0	0.43
F06	16 Nov 2018	1	18.43	88.06	7.8	33.69	8.2	24.2	0.15
F06	16 Nov 2018	2	18.43	87.87	7.8	33.69	8.2	24.2	0.14
F06	16 Nov 2018	3	18.37	88.05	7.8	33.69	8.2	24.2	0.15
F06	16 Nov 2018	4	18.39	88.01	7.8	33.69	8.2	24.2	0.16
F06	16 Nov 2018	5	18.36	87.95	7.8	33.69	8.2	24.2	0.17
F06	16 Nov 2018	6	18.33	87.99	7.8	33.69	8.2	24.2	0.17
F06	16 Nov 2018	7	18.31	87.98	7.8	33.68	8.2	24.2	0.23
F06	16 Nov 2018	8	18.28	87.95	7.8	33.68	8.2	24.2	0.22
F06	16 Nov 2018	9	18.23	87.95	7.8	33.68	8.2	24.2	0.22
F06	16 Nov 2018	10	18.20	87.89	7.8	33.68	8.2	24.2	0.24
F06	16 Nov 2018	11	18.16	87.88	7.8	33.69	8.2	24.2	0.26
F06	16 Nov 2018	12	18.12	87.83	7.8	33.69	8.2	24.2	0.29
F06	16 Nov 2018	13	18.08	88.07	7.9	33.69	8.2	24.2	0.31
F06	16 Nov 2018	14	18.05	87.93	7.9	33.68	8.2	24.2	0.35
F06	16 Nov 2018	15	18.04	87.87	7.9	33.68	8.2	24.3	0.37
F06	16 Nov 2018	16	17.99	87.85	7.9	33.68	8.2	24.3	0.46
F06	16 Nov 2018	17	17.91	87.52	7.9	33.68	8.2	24.3	0.58
F06	16 Nov 2018	18	17.87	86.66	7.9	33.67	8.2	24.3	0.73
F06	16 Nov 2018	19	17.84	86.23	7.8	33.67	8.2	24.3	0.82
F06	16 Nov 2018	20	17.80	86.05	7.8	33.67	8.2	24.3	0.86
F06	16 Nov 2018	21	17.73	86.07	7.8	33.67	8.1	24.3	0.89
F06	16 Nov 2018	22	17.69	86.09	7.7	33.66	8.1	24.3	0.90
F06	16 Nov 2018	23	17.56	86.12	7.7	33.66	8.1	24.4	0.87
F06	16 Nov 2018	24	17.29	86.36	7.8	33.63	8.1	24.4	0.87
F06	16 Nov 2018	25	17.12	86.63	7.9	33.61	8.1	24.4	0.91
F06	16 Nov 2018	26	16.96	87.00	8.0	33.58	8.1	24.4	0.89
F06	16 Nov 2018	27	16.71	87.35	8.2	33.55	8.1	24.5	0.81
F06	16 Nov 2018	28	16.62	87.65	8.2	33.54	8.1	24.5	0.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F06	16 Nov 2018	29	16.43	87.77	8.2	33.54	8.1	24.5	0.77
F06	16 Nov 2018	30	16.18	87.66	8.2	33.54	8.1	24.6	0.88
F06	16 Nov 2018	31	16.01	87.36	8.1	33.54	8.1	24.6	0.98
F06	16 Nov 2018	32	15.89	87.15	8.1	33.53	8.1	24.6	1.08
F06	16 Nov 2018	33	15.85	87.10	8.1	33.53	8.1	24.6	1.19
F06	16 Nov 2018	34	15.79	87.07	8.0	33.53	8.1	24.7	1.39
F06	16 Nov 2018	35	15.70	86.76	8.0	33.53	8.1	24.7	1.75
F06	16 Nov 2018	36	15.59	86.23	7.9	33.54	8.1	24.7	2.17
F06	16 Nov 2018	37	15.48	85.62	7.9	33.54	8.1	24.7	2.28
F06	16 Nov 2018	38	15.43	85.90	7.9	33.53	8.1	24.7	2.20
F06	16 Nov 2018	39	15.40	86.23	7.8	33.53	8.1	24.8	2.09
F06	16 Nov 2018	40	15.33	86.46	7.7	33.54	8.1	24.8	1.88
F06	16 Nov 2018	41	15.26	86.95	7.7	33.54	8.1	24.8	1.67
F06	16 Nov 2018	42	15.23	87.42	7.6	33.54	8.1	24.8	1.52
F06	16 Nov 2018	43	15.16	87.68	7.5	33.54	8.1	24.8	1.31
F06	16 Nov 2018	44	15.07	87.99	7.4	33.54	8.1	24.8	1.15
F06	16 Nov 2018	45	15.02	88.19	7.4	33.54	8.1	24.8	1.04
F06	16 Nov 2018	46	15.01	88.31	7.4	33.54	8.1	24.8	0.98
F06	16 Nov 2018	47	15.00	88.40	7.4	33.54	8.1	24.8	0.93
F06	16 Nov 2018	48	14.96	88.45	7.4	33.54	8.1	24.9	0.89
F06	16 Nov 2018	49	14.94	88.48	7.4	33.53	8.1	24.9	0.85
F06	16 Nov 2018	50	14.91	88.51	7.3	33.53	8.1	24.9	0.81
F06	16 Nov 2018	51	14.87	88.40	7.3	33.53	8.1	24.9	0.77
F06	16 Nov 2018	52	14.85	88.44	7.3	33.53	8.1	24.9	0.73
F06	16 Nov 2018	53	14.83	88.45	7.3	33.53	8.1	24.9	0.69
F06	16 Nov 2018	54	14.80	88.35	7.2	33.53	8.1	24.9	0.66
F06	16 Nov 2018	55	14.76	87.86	7.2	33.53	8.1	24.9	0.63
F06	16 Nov 2018	56	14.71	87.31	7.0	33.54	8.1	24.9	0.60
F06	16 Nov 2018	57	14.51	86.64	6.9	33.54	8.0	25.0	0.53
F06	16 Nov 2018	58	14.34	85.80	6.8	33.54	8.0	25.0	0.47
F06	16 Nov 2018	59	14.24	85.55	6.8	33.54	8.0	25.0	0.43
F06	16 Nov 2018	60	14.23	85.26	6.8	33.54	8.0	25.0	0.40
F06	16 Nov 2018	61	14.22	84.64	6.8	33.53	8.0	25.0	0.40
F06	16 Nov 2018	62	14.27	84.41	6.8	33.53	8.0	25.0	0.40
F07	16 Nov 2018	1	18.47	88.49	7.8	33.69	8.2	24.1	0.08
F07	16 Nov 2018	2	18.41	88.42	7.8	33.69	8.2	24.2	0.08
F07	16 Nov 2018	3	18.37	88.26	7.8	33.69	8.2	24.2	0.10
F07	16 Nov 2018	4	18.36	88.20	7.8	33.69	8.2	24.2	0.09
F07	16 Nov 2018	5	18.35	88.16	7.8	33.69	8.2	24.2	0.09
F07	16 Nov 2018	6	18.35	88.19	7.8	33.69	8.2	24.2	0.10
F07	16 Nov 2018	7	18.34	88.19	7.8	33.69	8.2	24.2	0.11
F07	16 Nov 2018	8	18.33	88.18	7.8	33.69	8.2	24.2	0.12
F07	16 Nov 2018	9	18.32	88.17	7.8	33.69	8.2	24.2	0.13
F07	16 Nov 2018	10	18.30	88.16	7.8	33.69	8.2	24.2	0.14
F07	16 Nov 2018	11	18.28	88.19	7.8	33.69	8.2	24.2	0.15
F07	16 Nov 2018	12	18.26	88.22	7.8	33.69	8.2	24.2	0.17
F07	16 Nov 2018	13	18.23	88.25	7.8	33.69	8.2	24.2	0.19
F07	16 Nov 2018	14	18.20	88.30	7.8	33.69	8.2	24.2	0.20
F07	16 Nov 2018	15	18.18	88.36	7.8	33.69	8.2	24.2	0.28
F07	16 Nov 2018	16	18.16	88.41	7.8	33.69	8.2	24.2	0.25
F07	16 Nov 2018	17	18.13	88.41	7.8	33.69	8.2	24.2	0.27
F07	16 Nov 2018	18	18.12	88.41	7.9	33.69	8.2	24.2	0.30
F07	16 Nov 2018	19	18.09	88.31	7.9	33.68	8.2	24.2	0.33
F07	16 Nov 2018	20	18.07	88.36	7.9	33.68	8.2	24.2	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F07	16 Nov 2018	21	18.05	88.31	7.9	33.68	8.2	24.2	0.37
F07	16 Nov 2018	22	17.97	88.27	7.8	33.68	8.2	24.3	0.43
F07	16 Nov 2018	23	17.51	88.04	8.0	33.64	8.2	24.3	0.53
F07	16 Nov 2018	24	17.18	87.78	8.1	33.59	8.2	24.4	0.57
F07	16 Nov 2018	25	17.04	87.73	8.1	33.57	8.2	24.4	0.59
F07	16 Nov 2018	26	17.01	87.82	8.2	33.56	8.2	24.4	0.57
F07	16 Nov 2018	27	16.98	87.86	8.2	33.56	8.2	24.4	0.58
F07	16 Nov 2018	28	16.92	87.85	8.2	33.56	8.2	24.4	0.60
F07	16 Nov 2018	29	16.78	87.84	8.2	33.55	8.1	24.5	0.60
F07	16 Nov 2018	30	16.64	87.78	8.2	33.55	8.1	24.5	0.63
F07	16 Nov 2018	31	16.58	87.70	8.2	33.54	8.1	24.5	0.65
F07	16 Nov 2018	32	16.52	87.71	8.2	33.54	8.1	24.5	0.67
F07	16 Nov 2018	33	16.21	87.26	8.1	33.54	8.1	24.6	0.82
F07	16 Nov 2018	34	15.96	87.39	8.1	33.54	8.1	24.6	1.07
F07	16 Nov 2018	35	15.83	85.92	8.1	33.54	8.1	24.7	1.33
F07	16 Nov 2018	36	15.74	86.57	8.0	33.53	8.1	24.7	1.58
F07	16 Nov 2018	37	15.60	86.28	7.8	33.53	8.1	24.7	1.78
F07	16 Nov 2018	38	15.33	86.27	7.6	33.54	8.1	24.8	1.52
F07	16 Nov 2018	39	15.13	87.03	7.5	33.53	8.1	24.8	1.12
F07	16 Nov 2018	40	15.11	88.19	7.5	33.53	8.1	24.8	0.97
F07	16 Nov 2018	41	15.09	88.35	7.5	33.53	8.1	24.8	0.94
F07	16 Nov 2018	42	15.07	88.38	7.5	33.53	8.1	24.8	0.95
F07	16 Nov 2018	43	15.05	88.39	7.5	33.53	8.1	24.8	0.99
F07	16 Nov 2018	44	15.03	88.37	7.5	33.53	8.1	24.8	1.00
F07	16 Nov 2018	45	14.99	88.38	7.5	33.53	8.1	24.8	0.92
F07	16 Nov 2018	46	14.98	88.50	7.4	33.53	8.1	24.8	0.88
F07	16 Nov 2018	47	14.96	88.50	7.4	33.53	8.1	24.8	0.81
F07	16 Nov 2018	48	14.95	88.59	7.4	33.53	8.1	24.9	0.76
F07	16 Nov 2018	49	14.92	88.57	7.4	33.53	8.1	24.9	0.71
F07	16 Nov 2018	50	14.91	88.57	7.3	33.53	8.1	24.9	0.68
F07	16 Nov 2018	51	14.89	88.55	7.3	33.53	8.1	24.9	0.65
F07	16 Nov 2018	52	14.80	88.60	7.3	33.53	8.1	24.9	0.61
F07	16 Nov 2018	53	14.76	88.40	7.2	33.53	8.1	24.9	0.58
F07	16 Nov 2018	54	14.76	88.06	7.2	33.53	8.1	24.9	0.58
F07	16 Nov 2018	55	14.76	87.86	7.2	33.53	8.1	24.9	0.57
F07	16 Nov 2018	56	14.76	87.72	7.2	33.53	8.1	24.9	0.57
F07	16 Nov 2018	57	14.71	87.62	7.1	33.53	8.1	24.9	0.54
F07	16 Nov 2018	58	14.54	87.29	7.0	33.54	8.1	24.9	0.50
F07	16 Nov 2018	59	14.40	86.26	6.9	33.54	8.0	25.0	0.45
F07	16 Nov 2018	60	14.32	85.65	6.8	33.54	8.0	25.0	0.41
F07	16 Nov 2018	61	14.17	85.27	6.6	33.54	8.0	25.0	0.36
F07	16 Nov 2018	62	13.83	84.76	6.5	33.54	8.0	25.1	0.32
F07	16 Nov 2018	63	13.64	84.09	6.4	33.55	8.0	25.1	0.27
F07	16 Nov 2018	64	13.49	83.76	6.3	33.55	8.0	25.2	0.25
F07	16 Nov 2018	65	13.47	83.10	6.3	33.55	8.0	25.2	0.24
F08	16 Nov 2018	1	18.36	88.48	7.8	33.70	8.2	24.2	0.10
F08	16 Nov 2018	2	18.32	88.42	7.8	33.69	8.2	24.2	0.11
F08	16 Nov 2018	3	18.30	88.38	7.8	33.69	8.2	24.2	0.13
F08	16 Nov 2018	4	18.29	88.39	7.8	33.69	8.2	24.2	0.14
F08	16 Nov 2018	5	18.28	88.41	7.8	33.69	8.2	24.2	0.16
F08	16 Nov 2018	6	18.27	88.40	7.8	33.69	8.2	24.2	0.14
F08	16 Nov 2018	7	18.26	88.39	7.8	33.69	8.2	24.2	0.14
F08	16 Nov 2018	8	18.26	88.41	7.8	33.69	8.2	24.2	0.14
F08	16 Nov 2018	9	18.24	88.43	7.8	33.69	8.2	24.2	0.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F08	16 Nov 2018	10	18.23	88.43	7.8	33.69	8.2	24.2	0.16
F08	16 Nov 2018	11	18.22	88.46	7.8	33.69	8.2	24.2	0.17
F08	16 Nov 2018	12	18.20	88.49	7.8	33.69	8.2	24.2	0.18
F08	16 Nov 2018	13	18.17	88.51	7.8	33.69	8.2	24.2	0.19
F08	16 Nov 2018	14	18.16	88.48	7.9	33.69	8.2	24.2	0.21
F08	16 Nov 2018	15	18.13	88.47	7.9	33.69	8.2	24.2	0.23
F08	16 Nov 2018	16	18.11	88.47	7.9	33.69	8.2	24.2	0.26
F08	16 Nov 2018	17	18.09	88.42	7.9	33.69	8.2	24.2	0.28
F08	16 Nov 2018	18	18.07	88.45	7.9	33.69	8.2	24.2	0.30
F08	16 Nov 2018	19	18.06	88.34	7.9	33.68	8.2	24.2	0.34
F08	16 Nov 2018	20	18.05	88.38	7.9	33.68	8.2	24.3	0.36
F08	16 Nov 2018	21	18.02	88.33	7.8	33.68	8.2	24.3	0.44
F08	16 Nov 2018	22	17.91	88.10	7.8	33.67	8.2	24.3	0.53
F08	16 Nov 2018	23	17.35	87.57	8.1	33.60	8.2	24.4	0.59
F08	16 Nov 2018	24	17.20	87.73	8.1	33.59	8.2	24.4	0.64
F08	16 Nov 2018	25	17.12	87.67	8.1	33.59	8.1	24.4	0.71
F08	16 Nov 2018	26	17.03	87.39	8.1	33.58	8.1	24.4	0.78
F08	16 Nov 2018	27	16.91	87.61	8.1	33.57	8.1	24.4	0.79
F08	16 Nov 2018	28	16.71	87.68	8.1	33.55	8.1	24.5	0.76
F08	16 Nov 2018	29	16.34	87.72	8.1	33.54	8.1	24.5	0.82
F08	16 Nov 2018	30	15.97	87.44	8.2	33.53	8.1	24.6	0.97
F08	16 Nov 2018	31	15.88	87.20	8.2	33.53	8.1	24.6	1.09
F08	16 Nov 2018	32	15.84	87.10	8.1	33.53	8.1	24.7	1.19
F08	16 Nov 2018	33	15.82	86.94	8.1	33.53	8.1	24.7	1.36
F08	16 Nov 2018	34	15.70	86.66	8.0	33.53	8.1	24.7	1.74
F08	16 Nov 2018	35	15.60	85.81	8.0	33.53	8.1	24.7	2.03
F08	16 Nov 2018	36	15.58	85.84	8.0	33.53	8.1	24.7	2.07
F08	16 Nov 2018	37	15.57	86.07	7.9	33.53	8.1	24.7	2.02
F08	16 Nov 2018	38	15.54	86.64	7.8	33.54	8.1	24.7	1.84
F08	16 Nov 2018	39	15.45	87.23	7.6	33.54	8.1	24.7	1.44
F08	16 Nov 2018	40	15.22	87.83	7.5	33.53	8.1	24.8	1.17
F08	16 Nov 2018	41	15.17	88.10	7.5	33.53	8.1	24.8	1.11
F08	16 Nov 2018	42	15.15	88.11	7.6	33.53	8.1	24.8	1.15
F08	16 Nov 2018	43	15.13	87.92	7.6	33.53	8.1	24.8	1.18
F08	16 Nov 2018	44	15.06	87.88	7.5	33.54	8.1	24.8	1.20
F08	16 Nov 2018	45	15.01	87.98	7.5	33.54	8.1	24.8	1.12
F08	16 Nov 2018	46	14.97	88.15	7.5	33.54	8.1	24.9	1.01
F08	16 Nov 2018	47	14.95	88.34	7.5	33.54	8.1	24.9	0.95
F08	16 Nov 2018	48	14.95	88.45	7.5	33.54	8.1	24.9	0.93
F08	16 Nov 2018	49	14.95	88.46	7.4	33.54	8.1	24.9	0.94
F08	16 Nov 2018	50	14.94	88.43	7.4	33.54	8.1	24.9	0.91
F08	16 Nov 2018	51	14.93	88.32	7.4	33.54	8.1	24.9	0.86
F08	16 Nov 2018	52	14.90	88.53	7.3	33.54	8.1	24.9	0.76
F08	16 Nov 2018	53	14.87	88.39	7.3	33.53	8.1	24.9	0.70
F08	16 Nov 2018	54	14.84	87.97	7.2	33.53	8.1	24.9	0.66
F08	16 Nov 2018	55	14.80	87.56	7.2	33.53	8.1	24.9	0.60
F08	16 Nov 2018	56	14.74	87.21	7.1	33.53	8.1	24.9	0.56
F08	16 Nov 2018	57	14.66	86.76	7.0	33.53	8.1	24.9	0.52
F08	16 Nov 2018	58	14.50	86.61	6.9	33.53	8.0	24.9	0.46
F08	16 Nov 2018	59	14.38	85.20	6.8	33.53	8.0	25.0	0.41
F08	16 Nov 2018	60	14.34	84.13	6.8	33.53	8.0	25.0	0.40
F08	16 Nov 2018	61	14.32	83.43	6.7	33.53	8.0	25.0	0.38
F08	16 Nov 2018	62	14.23	83.14	6.7	33.53	8.0	25.0	0.36
F09	16 Nov 2018	1	18.42	88.39	7.8	33.69	8.2	24.2	0.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F09	16 Nov 2018	2	18.38	88.39	7.8	33.69	8.2	24.2	0.16
F09	16 Nov 2018	3	18.36	88.31	7.8	33.69	8.2	24.2	0.18
F09	16 Nov 2018	4	18.33	88.33	7.8	33.69	8.2	24.2	0.18
F09	16 Nov 2018	5	18.30	88.37	7.8	33.69	8.2	24.2	0.18
F09	16 Nov 2018	6	18.29	88.41	7.8	33.69	8.2	24.2	0.18
F09	16 Nov 2018	7	18.28	88.39	7.8	33.69	8.2	24.2	0.17
F09	16 Nov 2018	8	18.27	88.44	7.8	33.69	8.2	24.2	0.17
F09	16 Nov 2018	9	18.25	88.46	7.8	33.69	8.2	24.2	0.19
F09	16 Nov 2018	10	18.22	88.48	7.8	33.69	8.2	24.2	0.19
F09	16 Nov 2018	11	18.20	88.46	7.8	33.69	8.2	24.2	0.19
F09	16 Nov 2018	12	18.19	88.49	7.8	33.69	8.2	24.2	0.21
F09	16 Nov 2018	13	18.17	88.41	7.8	33.69	8.2	24.2	0.21
F09	16 Nov 2018	14	18.16	88.52	7.8	33.69	8.2	24.2	0.23
F09	16 Nov 2018	15	18.15	88.55	7.8	33.69	8.2	24.2	0.24
F09	16 Nov 2018	16	18.13	88.47	7.8	33.69	8.2	24.2	0.25
F09	16 Nov 2018	17	18.11	88.45	7.8	33.69	8.2	24.2	0.26
F09	16 Nov 2018	18	18.10	88.47	7.8	33.69	8.2	24.2	0.28
F09	16 Nov 2018	19	18.09	88.41	7.8	33.69	8.2	24.2	0.29
F09	16 Nov 2018	20	18.07	88.46	7.9	33.69	8.2	24.2	0.30
F09	16 Nov 2018	21	18.06	88.40	7.9	33.69	8.2	24.2	0.32
F09	16 Nov 2018	22	18.00	88.41	7.8	33.68	8.2	24.3	0.41
F09	16 Nov 2018	23	17.55	88.11	8.0	33.62	8.2	24.3	0.49
F09	16 Nov 2018	24	17.19	88.00	8.1	33.58	8.1	24.4	0.54
F09	16 Nov 2018	25	17.08	87.79	8.1	33.58	8.1	24.4	0.63
F09	16 Nov 2018	26	16.89	87.80	8.1	33.57	8.1	24.4	0.75
F09	16 Nov 2018	27	16.68	87.69	8.0	33.56	8.1	24.5	0.81
F09	16 Nov 2018	28	16.08	87.63	8.1	33.54	8.1	24.6	0.89
F09	16 Nov 2018	29	15.79	87.11	8.1	33.53	8.1	24.7	1.14
F09	16 Nov 2018	30	15.68	86.85	8.1	33.53	8.1	24.7	1.44
F09	16 Nov 2018	31	15.65	86.48	8.0	33.53	8.1	24.7	1.60
F09	16 Nov 2018	32	15.63	86.47	7.9	33.53	8.1	24.7	1.57
F09	16 Nov 2018	33	15.57	86.73	7.7	33.53	8.1	24.7	1.30
F09	16 Nov 2018	34	15.40	87.50	7.5	33.53	8.1	24.8	0.99
F09	16 Nov 2018	35	15.29	88.04	7.5	33.53	8.1	24.8	0.89
F09	16 Nov 2018	36	15.23	88.17	7.5	33.53	8.1	24.8	0.88
F09	16 Nov 2018	37	15.19	88.24	7.5	33.53	8.1	24.8	0.91
F09	16 Nov 2018	38	15.18	88.14	7.6	33.53	8.1	24.8	1.05
F09	16 Nov 2018	39	15.13	87.95	7.6	33.54	8.1	24.8	1.19
F09	16 Nov 2018	40	15.03	87.82	7.6	33.54	8.1	24.8	1.21
F09	16 Nov 2018	41	15.00	87.97	7.5	33.54	8.1	24.8	1.17
F09	16 Nov 2018	42	14.99	88.29	7.4	33.53	8.1	24.8	0.96
F09	16 Nov 2018	43	14.98	88.41	7.4	33.54	8.1	24.8	0.89
F09	16 Nov 2018	44	14.98	88.49	7.4	33.54	8.1	24.8	0.85
F09	16 Nov 2018	45	14.96	88.60	7.4	33.54	8.1	24.9	0.82
F09	16 Nov 2018	46	14.94	88.60	7.4	33.54	8.1	24.9	0.80
F09	16 Nov 2018	47	14.92	88.62	7.4	33.54	8.1	24.9	0.79
F09	16 Nov 2018	48	14.91	88.61	7.4	33.54	8.1	24.9	0.77
F09	16 Nov 2018	49	14.89	88.60	7.3	33.54	8.1	24.9	0.74
F09	16 Nov 2018	50	14.84	88.66	7.3	33.53	8.1	24.9	0.69
F09	16 Nov 2018	51	14.81	88.60	7.3	33.53	8.1	24.9	0.63
F09	16 Nov 2018	52	14.75	88.53	7.2	33.53	8.1	24.9	0.57
F09	16 Nov 2018	53	14.70	88.26	7.2	33.53	8.1	24.9	0.53
F09	16 Nov 2018	54	14.68	88.06	7.1	33.53	8.0	24.9	0.53
F09	16 Nov 2018	55	14.66	87.56	7.1	33.53	8.0	24.9	0.51
F09	16 Nov 2018	56	14.61	87.20	7.0	33.53	8.0	24.9	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F09	16 Nov 2018	57	14.55	86.88	7.0	33.53	8.0	24.9	0.45
F09	16 Nov 2018	58	14.53	86.47	6.9	33.53	8.0	24.9	0.42
F09	16 Nov 2018	59	14.49	86.19	6.9	33.53	8.0	24.9	0.41
F09	16 Nov 2018	60	14.42	85.91	6.8	33.53	8.0	25.0	0.39
F09	16 Nov 2018	61	14.25	85.59	6.7	33.54	8.0	25.0	0.36
F09	16 Nov 2018	62	13.98	83.54	6.5	33.54	8.0	25.1	0.31
F10	16 Nov 2018	1	18.32	88.52	7.8	33.69	8.1	24.2	0.18
F10	16 Nov 2018	2	18.32	88.52	7.8	33.69	8.1	24.2	0.18
F10	16 Nov 2018	3	18.32	88.51	7.8	33.69	8.1	24.2	0.19
F10	16 Nov 2018	4	18.32	88.60	7.8	33.69	8.1	24.2	0.20
F10	16 Nov 2018	5	18.31	88.36	7.8	33.69	8.1	24.2	0.19
F10	16 Nov 2018	6	18.26	88.60	7.8	33.69	8.1	24.2	0.19
F10	16 Nov 2018	7	18.24	88.52	7.8	33.69	8.2	24.2	0.20
F10	16 Nov 2018	8	18.23	88.53	7.8	33.69	8.2	24.2	0.18
F10	16 Nov 2018	9	18.22	88.49	7.8	33.69	8.2	24.2	0.18
F10	16 Nov 2018	10	18.21	88.54	7.8	33.69	8.2	24.2	0.20
F10	16 Nov 2018	11	18.20	88.54	7.8	33.69	8.2	24.2	0.20
F10	16 Nov 2018	12	18.20	88.55	7.8	33.69	8.2	24.2	0.21
F10	16 Nov 2018	13	18.20	88.49	7.8	33.69	8.2	24.2	0.23
F10	16 Nov 2018	14	18.19	88.46	7.8	33.69	8.2	24.2	0.22
F10	16 Nov 2018	15	18.18	88.50	7.8	33.69	8.2	24.2	0.24
F10	16 Nov 2018	16	18.17	88.51	7.8	33.69	8.2	24.2	0.24
F10	16 Nov 2018	17	18.17	88.49	7.8	33.69	8.2	24.2	0.24
F10	16 Nov 2018	18	18.16	88.46	7.9	33.69	8.2	24.2	0.25
F10	16 Nov 2018	19	18.15	88.48	7.9	33.69	8.2	24.2	0.26
F10	16 Nov 2018	20	18.14	88.48	7.9	33.69	8.2	24.2	0.28
F10	16 Nov 2018	21	18.13	88.50	7.8	33.69	8.2	24.2	0.29
F10	16 Nov 2018	22	18.09	88.46	7.8	33.68	8.2	24.2	0.32
F10	16 Nov 2018	23	17.75	88.42	7.9	33.64	8.1	24.3	0.38
F10	16 Nov 2018	24	17.33	88.27	8.1	33.59	8.1	24.4	0.43
F10	16 Nov 2018	25	17.22	88.09	8.1	33.58	8.1	24.4	0.45
F10	16 Nov 2018	26	17.09	88.04	8.2	33.57	8.1	24.4	0.48
F10	16 Nov 2018	27	16.88	88.10	8.2	33.56	8.1	24.4	0.56
F10	16 Nov 2018	28	16.75	88.11	8.2	33.55	8.1	24.5	0.58
F10	16 Nov 2018	29	16.70	87.99	8.2	33.55	8.1	24.5	0.62
F10	16 Nov 2018	30	16.62	88.00	8.1	33.55	8.1	24.5	0.65
F10	16 Nov 2018	31	16.20	87.73	8.1	33.54	8.1	24.6	0.78
F10	16 Nov 2018	32	15.88	87.61	8.1	33.53	8.1	24.6	0.95
F10	16 Nov 2018	33	15.75	87.35	8.0	33.53	8.1	24.7	1.14
F10	16 Nov 2018	34	15.72	87.18	7.9	33.53	8.1	24.7	1.27
F10	16 Nov 2018	35	15.70	87.32	7.8	33.53	8.1	24.7	1.26
F10	16 Nov 2018	36	15.67	87.71	7.7	33.53	8.1	24.7	1.15
F10	16 Nov 2018	37	15.48	87.95	7.6	33.53	8.1	24.7	1.00
F10	16 Nov 2018	38	15.32	88.08	7.6	33.53	8.1	24.8	0.95
F10	16 Nov 2018	39	15.27	88.17	7.6	33.53	8.1	24.8	1.06
F10	16 Nov 2018	40	15.24	88.11	7.6	33.53	8.1	24.8	1.20
F10	16 Nov 2018	41	15.22	87.81	7.6	33.53	8.1	24.8	1.28
F10	16 Nov 2018	42	15.17	87.74	7.6	33.53	8.1	24.8	1.27
F10	16 Nov 2018	43	15.08	87.75	7.5	33.53	8.1	24.8	1.10
F10	16 Nov 2018	44	15.05	88.16	7.5	33.53	8.1	24.8	0.98
F10	16 Nov 2018	45	15.02	88.40	7.5	33.53	8.1	24.8	0.92
F10	16 Nov 2018	46	14.98	88.53	7.4	33.53	8.1	24.8	0.89
F10	16 Nov 2018	47	14.97	88.56	7.4	33.54	8.1	24.8	0.88
F10	16 Nov 2018	48	14.95	88.59	7.4	33.53	8.1	24.9	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F10	16 Nov 2018	49	14.92	88.53	7.3	33.53	8.1	24.9	0.80
F10	16 Nov 2018	50	14.82	88.37	7.2	33.53	8.1	24.9	0.69
F10	16 Nov 2018	51	14.75	88.10	7.2	33.53	8.1	24.9	0.61
F10	16 Nov 2018	52	14.69	87.36	7.1	33.53	8.0	24.9	0.52
F10	16 Nov 2018	53	14.65	86.86	7.0	33.53	8.0	24.9	0.49
F10	16 Nov 2018	54	14.62	86.26	7.0	33.53	8.0	24.9	0.46
F10	16 Nov 2018	55	14.55	85.81	6.9	33.53	8.0	24.9	0.42
F10	16 Nov 2018	56	14.41	85.03	6.8	33.53	8.0	25.0	0.39
F10	16 Nov 2018	57	14.34	83.99	6.8	33.53	8.0	25.0	0.37
F10	16 Nov 2018	58	14.32	83.62	6.7	33.53	8.0	25.0	0.37
F10	16 Nov 2018	59	14.27	83.66	6.6	33.53	8.0	25.0	0.34
F10	16 Nov 2018	60	13.97	83.40	6.5	33.54	8.0	25.1	0.30
F10	16 Nov 2018	61	13.84	82.52	6.4	33.54	8.0	25.1	0.27
F10	16 Nov 2018	62	13.72	80.95	6.3	33.54	8.0	25.1	0.30
F11	16 Nov 2018	1	18.28	88.62	7.8	33.69	8.2	24.2	0.12
F11	16 Nov 2018	2	18.25	88.60	7.8	33.69	8.2	24.2	0.12
F11	16 Nov 2018	3	18.23	88.64	7.8	33.69	8.2	24.2	0.14
F11	16 Nov 2018	4	18.22	88.62	7.8	33.69	8.2	24.2	0.16
F11	16 Nov 2018	5	18.22	88.60	7.8	33.69	8.2	24.2	0.17
F11	16 Nov 2018	6	18.21	88.60	7.8	33.69	8.2	24.2	0.17
F11	16 Nov 2018	7	18.21	88.61	7.8	33.69	8.2	24.2	0.16
F11	16 Nov 2018	8	18.21	88.55	7.8	33.69	8.2	24.2	0.16
F11	16 Nov 2018	9	18.21	88.59	7.8	33.69	8.2	24.2	0.18
F11	16 Nov 2018	10	18.21	88.60	7.8	33.69	8.2	24.2	0.17
F11	16 Nov 2018	11	18.21	88.60	7.8	33.69	8.2	24.2	0.18
F11	16 Nov 2018	12	18.20	88.58	7.8	33.69	8.2	24.2	0.18
F11	16 Nov 2018	13	18.19	88.56	7.8	33.69	8.2	24.2	0.18
F11	16 Nov 2018	14	18.19	88.50	7.9	33.69	8.2	24.2	0.19
F11	16 Nov 2018	15	18.18	88.60	7.8	33.69	8.2	24.2	0.21
F11	16 Nov 2018	16	18.16	88.61	7.8	33.69	8.2	24.2	0.23
F11	16 Nov 2018	17	18.14	88.54	7.8	33.69	8.2	24.2	0.25
F11	16 Nov 2018	18	18.11	88.54	7.9	33.68	8.2	24.2	0.28
F11	16 Nov 2018	19	18.06	88.50	7.9	33.67	8.2	24.2	0.30
F11	16 Nov 2018	20	17.81	88.33	8.0	33.64	8.2	24.3	0.33
F11	16 Nov 2018	21	17.63	88.13	8.0	33.62	8.2	24.3	0.36
F11	16 Nov 2018	22	17.58	88.37	8.0	33.61	8.2	24.3	0.37
F11	16 Nov 2018	23	17.39	88.34	8.0	33.59	8.2	24.3	0.42
F11	16 Nov 2018	24	16.94	88.24	8.2	33.56	8.1	24.4	0.47
F11	16 Nov 2018	25	16.81	88.21	8.2	33.55	8.1	24.4	0.49
F11	16 Nov 2018	26	16.72	88.22	8.1	33.54	8.1	24.5	0.54
F11	16 Nov 2018	27	16.50	88.11	8.1	33.54	8.1	24.5	0.60
F11	16 Nov 2018	28	16.25	88.06	8.1	33.53	8.1	24.6	0.67
F11	16 Nov 2018	29	16.02	87.92	8.1	33.54	8.1	24.6	0.83
F11	16 Nov 2018	30	15.97	87.83	7.9	33.53	8.1	24.6	0.99
F11	16 Nov 2018	31	15.83	87.58	7.8	33.53	8.1	24.7	1.06
F11	16 Nov 2018	32	15.79	87.65	7.8	33.53	8.1	24.7	1.09
F11	16 Nov 2018	33	15.77	87.78	7.8	33.53	8.1	24.7	1.09
F11	16 Nov 2018	34	15.76	87.66	7.7	33.53	8.1	24.7	1.06
F11	16 Nov 2018	35	15.74	87.90	7.7	33.54	8.1	24.7	1.00
F11	16 Nov 2018	36	15.72	87.93	7.6	33.53	8.1	24.7	0.96
F11	16 Nov 2018	37	15.62	87.97	7.6	33.53	8.1	24.7	0.94
F11	16 Nov 2018	38	15.41	88.04	7.6	33.53	8.1	24.8	0.94
F11	16 Nov 2018	39	15.37	88.13	7.6	33.53	8.1	24.8	0.93
F11	16 Nov 2018	40	15.33	88.25	7.5	33.53	8.1	24.8	0.88

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F11	16 Nov 2018	41	15.27	88.26	7.5	33.53	8.1	24.8	0.92
F11	16 Nov 2018	42	15.23	88.34	7.5	33.53	8.1	24.8	1.00
F11	16 Nov 2018	43	15.18	88.25	7.5	33.54	8.1	24.8	1.05
F11	16 Nov 2018	44	15.05	88.16	7.5	33.54	8.1	24.8	1.07
F11	16 Nov 2018	45	15.00	88.22	7.4	33.54	8.1	24.8	0.97
F11	16 Nov 2018	46	14.97	88.37	7.4	33.53	8.1	24.8	0.92
F11	16 Nov 2018	47	14.95	88.40	7.4	33.53	8.1	24.9	0.86
F11	16 Nov 2018	48	14.90	88.47	7.3	33.53	8.1	24.9	0.82
F11	16 Nov 2018	49	14.83	88.45	7.3	33.53	8.1	24.9	0.73
F11	16 Nov 2018	50	14.69	88.34	7.2	33.53	8.1	24.9	0.61
F11	16 Nov 2018	51	14.67	88.07	7.2	33.53	8.1	24.9	0.57
F11	16 Nov 2018	52	14.65	88.00	7.2	33.53	8.1	24.9	0.54
F11	16 Nov 2018	53	14.62	87.93	7.1	33.53	8.1	24.9	0.53
F11	16 Nov 2018	54	14.59	87.90	7.1	33.53	8.0	24.9	0.51
F11	16 Nov 2018	55	14.54	87.39	7.0	33.53	8.0	24.9	0.45
F11	16 Nov 2018	56	14.51	86.83	6.9	33.53	8.0	24.9	0.42
F11	16 Nov 2018	57	14.48	85.70	6.8	33.53	8.0	24.9	0.38
F11	16 Nov 2018	58	14.43	84.42	6.7	33.53	8.0	25.0	0.37
F11	16 Nov 2018	59	14.18	83.98	6.5	33.53	8.0	25.0	0.35
F11	16 Nov 2018	60	13.85	82.87	6.3	33.54	8.0	25.1	0.30
F11	16 Nov 2018	61	13.41	81.21	6.3	33.54	8.0	25.2	0.29
F12	16 Nov 2018	1	18.32	88.52	7.8	33.70	8.2	24.2	0.18
F12	16 Nov 2018	2	18.32	88.50	7.8	33.70	8.2	24.2	0.17
F12	16 Nov 2018	3	18.30	88.45	7.8	33.70	8.2	24.2	0.17
F12	16 Nov 2018	4	18.30	88.51	7.8	33.70	8.2	24.2	0.17
F12	16 Nov 2018	5	18.29	88.53	7.8	33.70	8.2	24.2	0.18
F12	16 Nov 2018	6	18.29	88.47	7.8	33.70	8.2	24.2	0.18
F12	16 Nov 2018	7	18.29	88.55	7.8	33.70	8.2	24.2	0.18
F12	16 Nov 2018	8	18.29	88.51	7.8	33.70	8.2	24.2	0.18
F12	16 Nov 2018	9	18.29	88.52	7.8	33.70	8.2	24.2	0.19
F12	16 Nov 2018	10	18.28	88.55	7.8	33.70	8.2	24.2	0.19
F12	16 Nov 2018	11	18.27	88.54	7.8	33.69	8.2	24.2	0.19
F12	16 Nov 2018	12	18.28	88.54	7.8	33.69	8.2	24.2	0.19
F12	16 Nov 2018	13	18.28	88.58	7.8	33.70	8.2	24.2	0.20
F12	16 Nov 2018	14	18.28	88.53	7.8	33.70	8.2	24.2	0.21
F12	16 Nov 2018	15	18.26	88.56	7.8	33.69	8.2	24.2	0.21
F12	16 Nov 2018	16	18.26	88.56	7.8	33.69	8.2	24.2	0.22
F12	16 Nov 2018	17	18.25	88.56	7.8	33.69	8.2	24.2	0.24
F12	16 Nov 2018	18	18.23	88.58	7.8	33.69	8.2	24.2	0.24
F12	16 Nov 2018	19	18.20	88.51	7.8	33.69	8.2	24.2	0.26
F12	16 Nov 2018	20	18.02	88.49	7.8	33.66	8.2	24.2	0.29
F12	16 Nov 2018	21	17.18	88.43	8.1	33.58	8.1	24.4	0.35
F12	16 Nov 2018	22	16.89	88.35	8.2	33.55	8.1	24.4	0.41
F12	16 Nov 2018	23	16.67	88.23	8.2	33.54	8.1	24.5	0.50
F12	16 Nov 2018	24	16.47	88.09	8.1	33.54	8.1	24.5	0.58
F12	16 Nov 2018	25	16.19	87.95	8.1	33.54	8.1	24.6	0.79
F12	16 Nov 2018	26	16.05	87.79	7.9	33.54	8.1	24.6	1.06
F12	16 Nov 2018	27	15.89	87.58	7.9	33.53	8.1	24.6	1.17
F12	16 Nov 2018	28	15.80	87.53	7.9	33.53	8.1	24.7	1.24
F12	16 Nov 2018	29	15.79	87.35	8.0	33.53	8.1	24.7	1.29
F12	16 Nov 2018	30	15.77	87.27	8.0	33.53	8.1	24.7	1.25
F12	16 Nov 2018	31	15.72	87.20	8.0	33.53	8.1	24.7	1.28
F12	16 Nov 2018	32	15.67	87.17	8.0	33.53	8.1	24.7	1.35
F12	16 Nov 2018	33	15.64	87.02	8.0	33.53	8.1	24.7	1.46

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F12	16 Nov 2018	34	15.63	86.95	8.0	33.54	8.1	24.7	1.56
F12	16 Nov 2018	35	15.58	86.93	7.9	33.54	8.1	24.7	1.61
F12	16 Nov 2018	36	15.57	87.09	7.8	33.54	8.1	24.7	1.57
F12	16 Nov 2018	37	15.57	87.13	7.8	33.54	8.1	24.7	1.51
F12	16 Nov 2018	38	15.50	87.30	7.8	33.54	8.1	24.7	1.49
F12	16 Nov 2018	39	15.33	87.35	7.8	33.54	8.1	24.8	1.56
F12	16 Nov 2018	40	15.24	87.31	7.8	33.54	8.1	24.8	1.54
F12	16 Nov 2018	41	15.19	87.54	7.7	33.54	8.1	24.8	1.38
F12	16 Nov 2018	42	15.15	87.75	7.6	33.54	8.1	24.8	1.26
F12	16 Nov 2018	43	15.09	87.95	7.5	33.54	8.1	24.8	1.16
F12	16 Nov 2018	44	14.99	88.19	7.5	33.54	8.1	24.8	1.10
F12	16 Nov 2018	45	14.95	88.20	7.4	33.54	8.1	24.9	1.05
F12	16 Nov 2018	46	14.91	88.26	7.4	33.54	8.1	24.9	1.02
F12	16 Nov 2018	47	14.87	88.09	7.4	33.54	8.1	24.9	0.96
F12	16 Nov 2018	48	14.81	88.22	7.4	33.54	8.1	24.9	0.91
F12	16 Nov 2018	49	14.78	88.34	7.4	33.54	8.1	24.9	0.87
F12	16 Nov 2018	50	14.76	88.38	7.3	33.54	8.1	24.9	0.85
F12	16 Nov 2018	51	14.71	88.30	7.3	33.54	8.1	24.9	0.87
F12	16 Nov 2018	52	14.67	88.26	7.2	33.54	8.1	24.9	0.83
F12	16 Nov 2018	53	14.64	88.29	7.2	33.54	8.1	24.9	0.76
F12	16 Nov 2018	54	14.61	88.32	7.2	33.54	8.1	24.9	0.72
F12	16 Nov 2018	55	14.60	88.33	7.2	33.53	8.0	24.9	0.69
F12	16 Nov 2018	56	14.57	88.30	7.1	33.53	8.0	24.9	0.64
F12	16 Nov 2018	57	14.51	88.17	7.1	33.53	8.0	24.9	0.55
F12	16 Nov 2018	58	14.43	87.99	6.9	33.53	8.0	25.0	0.46
F12	16 Nov 2018	59	14.14	87.10	6.8	33.54	8.0	25.0	0.37
F12	16 Nov 2018	60	14.04	85.76	6.6	33.53	8.0	25.0	0.33
F12	16 Nov 2018	61	13.97	84.45	6.5	33.54	8.0	25.1	0.32
F12	16 Nov 2018	62	13.59	83.54	6.4	33.54	8.0	25.1	0.28
F13	16 Nov 2018	1	18.35	88.38	7.8	33.70	8.2	24.2	0.17
F13	16 Nov 2018	2	18.35	88.35	7.8	33.70	8.2	24.2	0.16
F13	16 Nov 2018	3	18.34	88.35	7.8	33.70	8.2	24.2	0.16
F13	16 Nov 2018	4	18.34	88.54	7.8	33.70	8.2	24.2	0.16
F13	16 Nov 2018	5	18.34	88.56	7.8	33.70	8.2	24.2	0.17
F13	16 Nov 2018	6	18.34	88.57	7.8	33.70	8.2	24.2	0.22
F13	16 Nov 2018	7	18.33	88.57	7.8	33.70	8.2	24.2	0.19
F13	16 Nov 2018	8	18.33	88.57	7.8	33.70	8.2	24.2	0.19
F13	16 Nov 2018	9	18.34	88.55	7.8	33.70	8.2	24.2	0.19
F13	16 Nov 2018	10	18.33	88.58	7.8	33.70	8.2	24.2	0.20
F13	16 Nov 2018	11	18.33	88.56	7.8	33.70	8.2	24.2	0.22
F13	16 Nov 2018	12	18.33	88.58	7.8	33.70	8.2	24.2	0.23
F13	16 Nov 2018	13	18.33	88.57	7.8	33.70	8.2	24.2	0.22
F13	16 Nov 2018	14	18.34	88.57	7.8	33.70	8.2	24.2	0.22
F13	16 Nov 2018	15	18.33	88.58	7.8	33.70	8.2	24.2	0.23
F13	16 Nov 2018	16	18.33	88.56	7.8	33.70	8.2	24.2	0.22
F13	16 Nov 2018	17	18.33	88.57	7.8	33.70	8.2	24.2	0.22
F13	16 Nov 2018	18	18.32	88.56	7.8	33.70	8.2	24.2	0.25
F13	16 Nov 2018	19	18.32	88.55	7.8	33.70	8.2	24.2	0.24
F13	16 Nov 2018	20	18.31	88.54	7.8	33.70	8.2	24.2	0.26
F13	16 Nov 2018	21	18.29	88.51	7.8	33.69	8.2	24.2	0.27
F13	16 Nov 2018	22	18.26	88.53	7.8	33.69	8.2	24.2	0.26
F13	16 Nov 2018	23	18.18	88.54	7.8	33.68	8.2	24.2	0.27
F13	16 Nov 2018	24	18.07	88.48	7.8	33.66	8.2	24.2	0.29
F13	16 Nov 2018	25	17.67	88.43	7.9	33.62	8.1	24.3	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F13	16 Nov 2018	26	17.10	88.40	8.2	33.57	8.1	24.4	0.41
F13	16 Nov 2018	27	16.98	88.32	8.2	33.55	8.1	24.4	0.44
F13	16 Nov 2018	28	16.81	88.32	8.2	33.55	8.1	24.4	0.47
F13	16 Nov 2018	29	16.67	88.25	8.2	33.54	8.1	24.5	0.51
F13	16 Nov 2018	30	16.60	88.21	8.2	33.54	8.1	24.5	0.54
F13	16 Nov 2018	31	16.52	87.99	8.2	33.54	8.1	24.5	0.87
F13	16 Nov 2018	32	16.47	88.01	8.1	33.54	8.1	24.5	0.66
F13	16 Nov 2018	33	16.17	87.94	8.1	33.54	8.1	24.6	0.77
F13	16 Nov 2018	34	16.03	87.73	8.0	33.54	8.1	24.6	0.93
F13	16 Nov 2018	35	15.88	87.55	8.1	33.53	8.1	24.6	1.05
F13	16 Nov 2018	36	15.79	87.40	8.1	33.53	8.1	24.7	1.11
F13	16 Nov 2018	37	15.57	87.25	8.1	33.53	8.1	24.7	1.33
F13	16 Nov 2018	38	15.45	86.99	8.1	33.53	8.1	24.7	1.66
F13	16 Nov 2018	39	15.29	86.33	8.0	33.53	8.1	24.8	2.09
F13	16 Nov 2018	40	15.19	85.80	7.9	33.54	8.1	24.8	2.25
F13	16 Nov 2018	41	15.16	85.88	7.8	33.54	8.1	24.8	2.21
F13	16 Nov 2018	42	15.07	86.19	7.7	33.54	8.1	24.8	2.00
F13	16 Nov 2018	43	15.03	86.56	7.6	33.54	8.1	24.8	1.80
F13	16 Nov 2018	44	15.00	86.91	7.6	33.54	8.1	24.8	1.66
F13	16 Nov 2018	45	14.92	87.32	7.4	33.54	8.1	24.9	1.44
F13	16 Nov 2018	46	14.84	87.60	7.4	33.54	8.1	24.9	1.23
F13	16 Nov 2018	47	14.80	87.94	7.3	33.54	8.1	24.9	1.08
F13	16 Nov 2018	48	14.79	87.99	7.3	33.54	8.1	24.9	0.97
F13	16 Nov 2018	49	14.74	87.94	7.3	33.53	8.1	24.9	0.82
F13	16 Nov 2018	50	14.71	88.33	7.2	33.53	8.1	24.9	0.71
F13	16 Nov 2018	51	14.68	88.34	7.2	33.53	8.1	24.9	0.66
F13	16 Nov 2018	52	14.64	88.22	7.1	33.53	8.1	24.9	0.62
F13	16 Nov 2018	53	14.51	88.30	7.1	33.54	8.0	24.9	0.54
F13	16 Nov 2018	54	14.36	88.31	7.0	33.54	8.0	25.0	0.48
F13	16 Nov 2018	55	14.16	88.18	6.8	33.54	8.0	25.0	0.40
F13	16 Nov 2018	56	13.85	86.92	6.6	33.55	8.0	25.1	0.34
F13	16 Nov 2018	57	13.60	84.65	6.5	33.55	8.0	25.1	0.31
F13	16 Nov 2018	58	13.56	82.85	6.5	33.55	8.0	25.2	0.30
F13	16 Nov 2018	59	13.56	82.12	6.5	33.55	8.0	25.2	0.29
F13	16 Nov 2018	60	13.56	81.98	6.4	33.55	8.0	25.2	0.29
F13	16 Nov 2018	61	13.56	81.87	6.4	33.55	8.0	25.2	0.29
F13	16 Nov 2018	62	13.58	82.17	6.4	33.55	8.0	25.2	0.29
F14	16 Nov 2018	1	18.37	88.47	7.8	33.70	8.2	24.2	0.21
F14	16 Nov 2018	2	18.37	88.53	7.8	33.70	8.2	24.2	0.16
F14	16 Nov 2018	3	18.37	88.53	7.8	33.70	8.2	24.2	0.16
F14	16 Nov 2018	4	18.37	88.45	7.8	33.70	8.2	24.2	0.17
F14	16 Nov 2018	5	18.37	88.51	7.8	33.70	8.2	24.2	0.16
F14	16 Nov 2018	6	18.37	88.51	7.8	33.70	8.2	24.2	0.18
F14	16 Nov 2018	7	18.37	88.54	7.8	33.70	8.2	24.2	0.17
F14	16 Nov 2018	8	18.37	88.53	7.8	33.70	8.2	24.2	0.18
F14	16 Nov 2018	9	18.36	88.54	7.8	33.70	8.2	24.2	0.20
F14	16 Nov 2018	10	18.37	88.54	7.8	33.70	8.2	24.2	0.19
F14	16 Nov 2018	11	18.37	88.55	7.8	33.70	8.2	24.2	0.20
F14	16 Nov 2018	12	18.37	88.55	7.8	33.70	8.2	24.2	0.22
F14	16 Nov 2018	13	18.37	88.56	7.8	33.70	8.2	24.2	0.23
F14	16 Nov 2018	14	18.37	88.55	7.8	33.70	8.2	24.2	0.25
F14	16 Nov 2018	15	18.36	88.57	7.8	33.70	8.2	24.2	0.25
F14	16 Nov 2018	16	18.34	88.56	7.8	33.70	8.2	24.2	0.27
F14	16 Nov 2018	17	18.33	88.54	7.8	33.70	8.1	24.2	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F14	16 Nov 2018	18	18.31	88.54	7.8	33.69	8.1	24.2	0.31
F14	16 Nov 2018	19	18.18	88.54	7.8	33.68	8.1	24.2	0.33
F14	16 Nov 2018	20	17.70	88.48	7.9	33.62	8.1	24.3	0.36
F14	16 Nov 2018	21	17.13	88.42	8.2	33.57	8.1	24.4	0.41
F14	16 Nov 2018	22	17.08	88.37	8.2	33.56	8.1	24.4	0.43
F14	16 Nov 2018	23	17.08	88.37	8.2	33.56	8.1	24.4	0.46
F14	16 Nov 2018	24	17.04	88.27	8.1	33.56	8.1	24.4	0.51
F14	16 Nov 2018	25	16.76	88.23	8.1	33.56	8.1	24.5	0.64
F14	16 Nov 2018	26	16.62	87.97	8.1	33.55	8.1	24.5	0.76
F14	16 Nov 2018	27	16.50	87.84	8.1	33.55	8.1	24.5	0.87
F14	16 Nov 2018	28	16.43	87.71	8.0	33.55	8.1	24.5	0.98
F14	16 Nov 2018	29	16.22	87.45	8.0	33.55	8.1	24.6	1.04
F14	16 Nov 2018	30	16.10	87.55	8.0	33.54	8.1	24.6	1.06
F14	16 Nov 2018	31	16.09	87.50	8.1	33.54	8.1	24.6	1.04
F14	16 Nov 2018	32	15.97	87.48	8.2	33.53	8.1	24.6	0.98
F14	16 Nov 2018	33	15.85	87.38	8.2	33.53	8.1	24.7	1.11
F14	16 Nov 2018	34	15.78	86.94	8.2	33.54	8.1	24.7	1.28
F14	16 Nov 2018	35	15.76	86.51	8.1	33.54	8.1	24.7	1.39
F14	16 Nov 2018	36	15.73	86.37	8.1	33.54	8.1	24.7	1.49
F14	16 Nov 2018	37	15.66	86.30	8.1	33.54	8.1	24.7	1.60
F14	16 Nov 2018	38	15.57	86.20	8.1	33.54	8.1	24.7	1.80
F14	16 Nov 2018	39	15.42	86.00	8.1	33.53	8.1	24.8	1.92
F14	16 Nov 2018	40	15.33	86.08	7.9	33.53	8.1	24.8	1.81
F14	16 Nov 2018	41	15.24	86.58	7.6	33.53	8.1	24.8	1.45
F14	16 Nov 2018	42	15.13	87.43	7.5	33.53	8.1	24.8	1.19
F14	16 Nov 2018	43	15.10	88.09	7.5	33.53	8.1	24.8	1.14
F14	16 Nov 2018	44	15.06	87.91	7.5	33.54	8.1	24.8	1.13
F14	16 Nov 2018	45	14.99	87.96	7.4	33.54	8.1	24.8	1.02
F14	16 Nov 2018	46	14.91	88.27	7.3	33.53	8.1	24.9	0.86
F14	16 Nov 2018	47	14.83	88.34	7.2	33.53	8.1	24.9	0.71
F14	16 Nov 2018	48	14.75	88.28	7.2	33.53	8.0	24.9	0.62
F14	16 Nov 2018	49	14.60	88.24	7.1	33.53	8.0	24.9	0.56
F14	16 Nov 2018	50	14.45	88.15	7.0	33.53	8.0	25.0	0.49
F14	16 Nov 2018	51	14.27	88.02	6.9	33.54	8.0	25.0	0.45
F14	16 Nov 2018	52	14.17	87.96	6.9	33.54	8.0	25.0	0.43
F14	16 Nov 2018	53	14.06	87.86	6.8	33.54	8.0	25.0	0.39
F14	16 Nov 2018	54	13.99	87.75	6.7	33.54	8.0	25.1	0.38
F14	16 Nov 2018	55	13.81	87.61	6.7	33.55	8.0	25.1	0.35
F14	16 Nov 2018	56	13.70	87.48	6.6	33.55	8.0	25.1	0.33
F14	16 Nov 2018	57	13.59	87.30	6.5	33.55	8.0	25.2	0.31
F14	16 Nov 2018	58	13.43	86.89	6.4	33.55	8.0	25.2	0.28
F14	16 Nov 2018	59	13.31	85.80	6.3	33.55	8.0	25.2	0.26
F14	16 Nov 2018	60	13.26	83.07	6.3	33.55	8.0	25.2	0.25
F14	16 Nov 2018	61	13.25	82.19	6.2	33.55	8.0	25.2	0.25
F15	15 Nov 2018	1	18.82	88.32	7.6	33.77	8.1	24.1	0.13
F15	15 Nov 2018	2	18.83	88.55	7.7	33.77	8.1	24.1	0.12
F15	15 Nov 2018	3	18.80	88.59	7.6	33.77	8.1	24.1	0.11
F15	15 Nov 2018	4	18.77	88.48	7.6	33.77	8.1	24.1	0.12
F15	15 Nov 2018	5	18.74	88.50	7.7	33.77	8.1	24.1	0.12
F15	15 Nov 2018	6	18.73	88.52	7.7	33.77	8.1	24.1	0.12
F15	15 Nov 2018	7	18.72	88.49	7.6	33.77	8.1	24.2	0.13
F15	15 Nov 2018	8	18.71	88.40	7.7	33.77	8.1	24.2	0.15
F15	15 Nov 2018	9	18.70	88.44	7.7	33.77	8.1	24.2	0.15
F15	15 Nov 2018	10	18.69	88.46	7.7	33.77	8.1	24.2	0.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F15	15 Nov 2018	11	18.68	88.46	7.7	33.77	8.1	24.2	0.17
F15	15 Nov 2018	12	18.68	88.42	7.7	33.77	8.1	24.2	0.17
F15	15 Nov 2018	13	18.67	88.43	7.7	33.77	8.1	24.2	0.19
F15	15 Nov 2018	14	18.67	88.44	7.7	33.76	8.1	24.2	0.19
F15	15 Nov 2018	15	18.66	88.40	7.7	33.76	8.1	24.2	0.20
F15	15 Nov 2018	16	18.66	88.44	7.7	33.76	8.1	24.2	0.21
F15	15 Nov 2018	17	18.65	88.47	7.7	33.76	8.1	24.2	0.22
F15	15 Nov 2018	18	18.65	88.27	7.7	33.76	8.1	24.2	0.22
F15	15 Nov 2018	19	18.64	88.41	7.7	33.76	8.1	24.2	0.22
F15	15 Nov 2018	20	18.60	88.48	7.7	33.75	8.1	24.2	0.24
F15	15 Nov 2018	21	18.54	88.43	7.7	33.74	8.1	24.2	0.25
F15	15 Nov 2018	22	18.36	88.54	7.7	33.72	8.1	24.2	0.28
F15	15 Nov 2018	23	18.15	88.52	7.8	33.70	8.1	24.2	0.32
F15	15 Nov 2018	24	18.04	88.47	7.8	33.68	8.1	24.3	0.33
F15	15 Nov 2018	25	17.92	88.43	7.8	33.67	8.1	24.3	0.35
F15	15 Nov 2018	26	17.78	88.28	7.8	33.66	8.1	24.3	0.38
F15	15 Nov 2018	27	17.20	88.30	8.0	33.61	8.1	24.4	0.39
F15	15 Nov 2018	28	16.74	88.41	8.1	33.56	8.1	24.5	0.42
F15	15 Nov 2018	29	16.26	88.27	8.2	33.54	8.1	24.6	0.52
F15	15 Nov 2018	30	16.03	87.89	8.2	33.53	8.1	24.6	0.69
F15	15 Nov 2018	31	15.86	87.48	8.1	33.53	8.1	24.6	0.99
F15	15 Nov 2018	32	15.67	86.55	8.1	33.53	8.1	24.7	1.48
F15	15 Nov 2018	33	15.58	85.50	8.0	33.53	8.1	24.7	1.97
F15	15 Nov 2018	34	15.48	84.81	7.8	33.54	8.1	24.7	2.33
F15	15 Nov 2018	35	15.35	84.77	7.7	33.54	8.1	24.8	2.40
F15	15 Nov 2018	36	15.27	85.27	7.6	33.54	8.1	24.8	2.27
F15	15 Nov 2018	37	15.18	85.86	7.5	33.54	8.1	24.8	2.02
F15	15 Nov 2018	38	15.12	86.48	7.4	33.55	8.1	24.8	1.75
F15	15 Nov 2018	39	15.09	86.93	7.3	33.55	8.0	24.8	1.55
F15	15 Nov 2018	40	15.05	87.24	7.3	33.55	8.0	24.8	1.49
F15	15 Nov 2018	41	15.03	87.30	7.3	33.55	8.0	24.8	1.45
F15	15 Nov 2018	42	15.00	87.31	7.3	33.55	8.0	24.9	1.41
F15	15 Nov 2018	43	14.97	87.38	7.3	33.55	8.0	24.9	1.36
F15	15 Nov 2018	44	14.92	87.47	7.2	33.55	8.0	24.9	1.21
F15	15 Nov 2018	45	14.79	87.75	7.2	33.55	8.0	24.9	1.00
F15	15 Nov 2018	46	14.74	88.16	7.2	33.55	8.0	24.9	0.87
F15	15 Nov 2018	47	14.73	88.37	7.2	33.55	8.0	24.9	0.80
F15	15 Nov 2018	48	14.67	88.44	7.2	33.55	8.0	24.9	0.72
F15	15 Nov 2018	49	14.62	88.55	7.2	33.55	8.0	24.9	0.69
F15	15 Nov 2018	50	14.57	88.56	7.1	33.55	8.0	24.9	0.66
F15	15 Nov 2018	51	14.54	88.55	7.1	33.55	8.0	24.9	0.66
F15	15 Nov 2018	52	14.54	88.57	7.1	33.55	8.0	24.9	0.67
F15	15 Nov 2018	53	14.54	88.57	7.1	33.55	8.0	24.9	0.67
F15	15 Nov 2018	54	14.50	88.54	7.0	33.55	8.0	25.0	0.66
F15	15 Nov 2018	55	14.43	88.60	7.0	33.55	8.0	25.0	0.64
F15	15 Nov 2018	56	14.36	88.58	7.0	33.55	8.0	25.0	0.62
F15	15 Nov 2018	57	14.32	88.56	7.0	33.55	8.0	25.0	0.60
F15	15 Nov 2018	58	14.29	88.54	7.0	33.55	8.0	25.0	0.58
F15	15 Nov 2018	59	14.19	88.55	7.0	33.55	8.0	25.0	0.55
F15	15 Nov 2018	60	14.08	88.58	6.9	33.55	8.0	25.0	0.51
F15	15 Nov 2018	61	14.02	88.61	6.9	33.55	8.0	25.1	0.48
F15	15 Nov 2018	62	13.97	88.64	6.9	33.55	8.0	25.1	0.47
F15	15 Nov 2018	63	13.94	88.69	6.9	33.55	8.0	25.1	0.47
F15	15 Nov 2018	64	13.91	88.82	6.8	33.55	8.0	25.1	0.48
F15	15 Nov 2018	65	13.84	88.91	6.8	33.55	8.0	25.1	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F15	15 Nov 2018	66	13.80	88.84	6.7	33.55	8.0	25.1	0.39
F15	15 Nov 2018	67	13.64	88.52	6.6	33.55	8.0	25.1	0.36
F15	15 Nov 2018	68	13.46	88.21	6.5	33.55	8.0	25.2	0.33
F15	15 Nov 2018	69	13.18	87.83	6.4	33.56	8.0	25.2	0.28
F15	15 Nov 2018	70	12.96	87.33	6.3	33.56	8.0	25.3	0.26
F15	15 Nov 2018	71	12.86	87.03	6.2	33.55	7.9	25.3	0.24
F15	15 Nov 2018	72	12.78	86.81	6.1	33.54	7.9	25.3	0.22
F15	15 Nov 2018	73	12.71	86.65	6.1	33.54	7.9	25.3	0.20
F15	15 Nov 2018	74	12.68	86.56	6.0	33.54	7.9	25.3	0.19
F15	15 Nov 2018	75	12.64	86.49	6.0	33.54	7.9	25.3	0.19
F15	15 Nov 2018	76	12.60	86.41	6.0	33.55	7.9	25.3	0.18
F15	15 Nov 2018	77	12.52	86.48	5.9	33.56	7.9	25.4	0.18
F15	15 Nov 2018	78	12.39	86.56	5.9	33.58	7.9	25.4	0.17
F15	15 Nov 2018	79	12.30	86.69	5.8	33.58	7.9	25.4	0.17
F15	15 Nov 2018	80	12.26	86.74	5.8	33.58	7.9	25.4	0.16
F15	15 Nov 2018	81	12.20	86.67	5.7	33.59	7.9	25.5	0.16
F15	15 Nov 2018	82	12.20	86.61	5.7	33.59	7.9	25.5	0.15
F16	15 Nov 2018	1	19.00	88.63	7.6	33.79	8.1	24.1	0.08
F16	15 Nov 2018	2	18.92	88.52	7.6	33.79	8.1	24.1	0.08
F16	15 Nov 2018	3	18.90	88.48	7.6	33.79	8.1	24.1	0.09
F16	15 Nov 2018	4	18.90	88.54	7.6	33.79	8.1	24.1	0.11
F16	15 Nov 2018	5	18.89	88.51	7.6	33.79	8.1	24.1	0.12
F16	15 Nov 2018	6	18.88	88.47	7.6	33.79	8.1	24.1	0.13
F16	15 Nov 2018	7	18.88	88.35	7.6	33.79	8.1	24.1	0.12
F16	15 Nov 2018	8	18.87	88.41	7.6	33.79	8.1	24.1	0.13
F16	15 Nov 2018	9	18.87	88.17	7.6	33.79	8.1	24.1	0.13
F16	15 Nov 2018	10	18.87	87.50	7.6	33.79	8.1	24.1	0.14
F16	15 Nov 2018	11	18.86	88.02	7.7	33.78	8.1	24.1	0.14
F16	15 Nov 2018	12	18.84	88.39	7.7	33.78	8.1	24.1	0.15
F16	15 Nov 2018	13	18.84	88.35	7.6	33.78	8.1	24.1	0.16
F16	15 Nov 2018	14	18.84	88.15	7.6	33.78	8.1	24.1	0.17
F16	15 Nov 2018	15	18.83	88.30	7.6	33.78	8.1	24.1	0.19
F16	15 Nov 2018	16	18.78	88.31	7.6	33.77	8.1	24.1	0.19
F16	15 Nov 2018	17	18.62	88.26	7.7	33.74	8.1	24.2	0.20
F16	15 Nov 2018	18	18.48	88.35	7.7	33.73	8.1	24.2	0.21
F16	15 Nov 2018	19	18.31	88.43	7.8	33.71	8.1	24.2	0.23
F16	15 Nov 2018	20	18.09	87.62	7.8	33.69	8.1	24.2	0.24
F16	15 Nov 2018	21	17.96	88.10	7.9	33.67	8.1	24.3	0.26
F16	15 Nov 2018	22	17.87	88.28	7.9	33.67	8.1	24.3	0.28
F16	15 Nov 2018	23	17.68	87.89	7.9	33.65	8.1	24.3	0.31
F16	15 Nov 2018	24	17.32	88.12	8.0	33.62	8.1	24.4	0.32
F16	15 Nov 2018	25	16.90	88.31	8.0	33.57	8.1	24.4	0.32
F16	15 Nov 2018	26	16.36	87.79	8.2	33.54	8.1	24.5	0.38
F16	15 Nov 2018	27	16.13	87.50	8.2	33.52	8.1	24.6	0.46
F16	15 Nov 2018	28	15.99	87.71	8.2	33.52	8.1	24.6	0.58
F16	15 Nov 2018	29	15.85	87.55	8.2	33.52	8.1	24.6	0.78
F16	15 Nov 2018	30	15.76	87.15	8.1	33.52	8.1	24.7	1.14
F16	15 Nov 2018	31	15.62	86.11	8.0	33.53	8.1	24.7	1.80
F16	15 Nov 2018	32	15.51	84.42	7.8	33.54	8.1	24.7	2.41
F16	15 Nov 2018	33	15.44	83.97	7.6	33.54	8.1	24.8	2.50
F16	15 Nov 2018	34	15.26	85.19	7.5	33.55	8.1	24.8	2.12
F16	15 Nov 2018	35	15.18	86.43	7.4	33.54	8.1	24.8	1.86
F16	15 Nov 2018	36	15.13	86.82	7.4	33.54	8.1	24.8	1.67
F16	15 Nov 2018	37	15.12	87.13	7.4	33.55	8.0	24.8	1.54

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	15 Nov 2018	38	15.09	87.22	7.4	33.55	8.0	24.8	1.40
F16	15 Nov 2018	39	15.06	87.61	7.3	33.55	8.0	24.8	1.33
F16	15 Nov 2018	40	15.01	87.61	7.3	33.55	8.0	24.9	1.31
F16	15 Nov 2018	41	14.95	87.59	7.2	33.55	8.0	24.9	1.29
F16	15 Nov 2018	42	14.88	87.57	7.2	33.55	8.0	24.9	1.22
F16	15 Nov 2018	43	14.75	87.86	7.2	33.55	8.0	24.9	1.07
F16	15 Nov 2018	44	14.69	88.18	7.2	33.55	8.0	24.9	0.92
F16	15 Nov 2018	45	14.67	88.40	7.2	33.54	8.0	24.9	0.84
F16	15 Nov 2018	46	14.66	88.41	7.2	33.54	8.0	24.9	0.80
F16	15 Nov 2018	47	14.64	88.39	7.2	33.55	8.0	24.9	0.76
F16	15 Nov 2018	48	14.63	88.48	7.2	33.55	8.0	24.9	0.74
F16	15 Nov 2018	49	14.61	88.48	7.2	33.55	8.0	24.9	0.73
F16	15 Nov 2018	50	14.60	88.52	7.1	33.55	8.0	24.9	0.70
F16	15 Nov 2018	51	14.57	88.49	7.1	33.55	8.0	24.9	0.71
F16	15 Nov 2018	52	14.55	88.48	7.1	33.55	8.0	25.0	0.72
F16	15 Nov 2018	53	14.51	88.50	7.0	33.55	8.0	25.0	0.69
F16	15 Nov 2018	54	14.40	88.55	7.0	33.55	8.0	25.0	0.67
F16	15 Nov 2018	55	14.35	88.58	7.0	33.55	8.0	25.0	0.64
F16	15 Nov 2018	56	14.31	88.56	7.0	33.55	8.0	25.0	0.61
F16	15 Nov 2018	57	14.24	88.53	7.0	33.55	8.0	25.0	0.54
F16	15 Nov 2018	58	14.18	88.35	7.0	33.54	8.0	25.0	0.50
F16	15 Nov 2018	59	14.17	88.30	7.0	33.54	8.0	25.0	0.49
F16	15 Nov 2018	60	14.15	88.44	7.0	33.55	8.0	25.0	0.51
F16	15 Nov 2018	61	14.12	88.40	6.9	33.55	8.0	25.0	0.53
F16	15 Nov 2018	62	14.09	88.62	6.9	33.55	8.0	25.0	0.51
F16	15 Nov 2018	63	14.03	88.71	6.9	33.55	8.0	25.1	0.51
F16	15 Nov 2018	64	13.99	88.76	6.9	33.55	8.0	25.1	0.49
F16	15 Nov 2018	65	13.96	88.79	6.9	33.55	8.0	25.1	0.48
F16	15 Nov 2018	66	13.95	88.80	6.9	33.55	8.0	25.1	0.47
F16	15 Nov 2018	67	13.94	88.69	6.8	33.55	8.0	25.1	0.43
F16	15 Nov 2018	68	13.82	88.53	6.8	33.55	8.0	25.1	0.40
F16	15 Nov 2018	69	13.69	88.36	6.7	33.55	8.0	25.1	0.38
F16	15 Nov 2018	70	13.56	88.39	6.6	33.56	8.0	25.2	0.34
F16	15 Nov 2018	71	13.47	88.23	6.5	33.56	8.0	25.2	0.32
F16	15 Nov 2018	72	13.33	88.14	6.4	33.56	8.0	25.2	0.31
F16	15 Nov 2018	73	13.04	87.85	6.3	33.57	8.0	25.3	0.27
F16	15 Nov 2018	74	12.93	87.55	6.3	33.57	8.0	25.3	0.25
F16	15 Nov 2018	75	12.87	87.18	6.2	33.57	7.9	25.3	0.24
F16	15 Nov 2018	76	12.83	86.98	6.2	33.57	7.9	25.3	0.22
F16	15 Nov 2018	77	12.81	86.88	6.2	33.56	7.9	25.3	0.22
F16	15 Nov 2018	78	12.76	86.78	6.2	33.56	7.9	25.3	0.22
F16	15 Nov 2018	79	12.75	86.61	6.1	33.56	7.9	25.3	0.21
F16	15 Nov 2018	80	12.74	86.52	6.1	33.56	7.9	25.3	0.21
F16	15 Nov 2018	81	12.73	86.49	6.1	33.56	7.9	25.3	0.21
F16	15 Nov 2018	82	12.74	86.50	6.1	33.57	7.9	25.3	0.21
F17	15 Nov 2018	1	19.02	88.50	7.6	33.80	8.1	24.1	0.13
F17	15 Nov 2018	2	19.02	88.50	7.6	33.80	8.1	24.1	0.11
F17	15 Nov 2018	3	19.01	88.58	7.6	33.80	8.1	24.1	0.11
F17	15 Nov 2018	4	19.03	88.62	7.6	33.80	8.1	24.1	0.11
F17	15 Nov 2018	5	19.01	88.60	7.6	33.80	8.1	24.1	0.10
F17	15 Nov 2018	6	18.98	88.63	7.6	33.80	8.1	24.1	0.10
F17	15 Nov 2018	7	18.96	88.66	7.6	33.79	8.1	24.1	0.10
F17	15 Nov 2018	8	18.96	88.64	7.6	33.80	8.1	24.1	0.12
F17	15 Nov 2018	9	18.96	88.64	7.6	33.80	8.1	24.1	0.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F17	15 Nov 2018	10	18.96	88.62	7.6	33.80	8.1	24.1	0.13
F17	15 Nov 2018	11	18.95	88.62	7.6	33.79	8.1	24.1	0.15
F17	15 Nov 2018	12	18.95	88.63	7.6	33.79	8.1	24.1	0.15
F17	15 Nov 2018	13	18.93	88.61	7.6	33.79	8.1	24.1	0.15
F17	15 Nov 2018	14	18.88	88.64	7.6	33.78	8.1	24.1	0.16
F17	15 Nov 2018	15	18.61	88.62	7.7	33.74	8.1	24.2	0.17
F17	15 Nov 2018	16	18.39	88.63	7.8	33.71	8.1	24.2	0.18
F17	15 Nov 2018	17	18.34	88.58	7.8	33.70	8.1	24.2	0.21
F17	15 Nov 2018	18	18.13	88.58	7.8	33.69	8.1	24.2	0.23
F17	15 Nov 2018	19	17.76	88.52	7.9	33.66	8.1	24.3	0.26
F17	15 Nov 2018	20	17.62	88.44	7.9	33.65	8.1	24.3	0.29
F17	15 Nov 2018	21	17.28	88.34	8.0	33.62	8.1	24.4	0.31
F17	15 Nov 2018	22	16.83	88.42	8.1	33.57	8.1	24.5	0.30
F17	15 Nov 2018	23	16.62	88.54	8.2	33.55	8.1	24.5	0.33
F17	15 Nov 2018	24	16.39	88.38	8.2	33.53	8.1	24.5	0.39
F17	15 Nov 2018	25	16.16	88.30	8.3	33.52	8.1	24.6	0.45
F17	15 Nov 2018	26	16.01	88.14	8.2	33.52	8.1	24.6	0.53
F17	15 Nov 2018	27	15.89	87.86	8.2	33.52	8.1	24.6	0.67
F17	15 Nov 2018	28	15.82	87.67	8.2	33.52	8.1	24.7	0.88
F17	15 Nov 2018	29	15.74	87.22	8.1	33.53	8.1	24.7	1.17
F17	15 Nov 2018	30	15.60	86.63	8.1	33.54	8.1	24.7	1.44
F17	15 Nov 2018	31	15.52	86.14	8.0	33.54	8.1	24.7	1.80
F17	15 Nov 2018	32	15.46	85.38	7.9	33.54	8.1	24.7	2.17
F17	15 Nov 2018	33	15.35	85.10	7.7	33.55	8.1	24.8	2.27
F17	15 Nov 2018	34	15.25	85.15	7.5	33.55	8.1	24.8	1.99
F17	15 Nov 2018	35	15.19	86.32	7.4	33.55	8.1	24.8	1.76
F17	15 Nov 2018	36	15.15	86.78	7.4	33.55	8.1	24.8	1.65
F17	15 Nov 2018	37	15.14	86.97	7.4	33.55	8.0	24.8	1.54
F17	15 Nov 2018	38	15.13	87.09	7.4	33.55	8.0	24.8	1.50
F17	15 Nov 2018	39	15.12	87.20	7.4	33.55	8.0	24.8	1.47
F17	15 Nov 2018	40	15.10	87.34	7.3	33.55	8.0	24.8	1.44
F17	15 Nov 2018	41	15.07	87.38	7.4	33.55	8.0	24.8	1.38
F17	15 Nov 2018	42	15.04	87.45	7.3	33.55	8.0	24.8	1.33
F17	15 Nov 2018	43	14.99	87.62	7.3	33.55	8.0	24.9	1.24
F17	15 Nov 2018	44	14.90	87.74	7.3	33.55	8.0	24.9	1.11
F17	15 Nov 2018	45	14.82	87.89	7.2	33.55	8.0	24.9	0.98
F17	15 Nov 2018	46	14.80	88.07	7.2	33.55	8.0	24.9	0.91
F17	15 Nov 2018	47	14.78	88.22	7.2	33.55	8.0	24.9	0.88
F17	15 Nov 2018	48	14.78	88.21	7.2	33.55	8.0	24.9	0.86
F17	15 Nov 2018	49	14.78	88.26	7.2	33.55	8.0	24.9	0.85
F17	15 Nov 2018	50	14.77	88.26	7.2	33.55	8.0	24.9	0.84
F17	15 Nov 2018	51	14.76	88.27	7.2	33.55	8.0	24.9	0.83
F17	15 Nov 2018	52	14.72	88.29	7.2	33.55	8.0	24.9	0.81
F17	15 Nov 2018	53	14.67	88.35	7.1	33.55	8.0	24.9	0.77
F17	15 Nov 2018	54	14.64	88.38	7.1	33.55	8.0	24.9	0.74
F17	15 Nov 2018	55	14.54	88.41	7.1	33.55	8.0	25.0	0.71
F17	15 Nov 2018	56	14.47	88.25	7.1	33.55	8.0	25.0	0.67
F17	15 Nov 2018	57	14.43	88.44	7.1	33.55	8.0	25.0	0.64
F17	15 Nov 2018	58	14.40	88.45	7.0	33.55	8.0	25.0	0.61
F17	15 Nov 2018	59	14.35	88.45	7.0	33.55	8.0	25.0	0.61
F17	15 Nov 2018	60	14.28	88.49	7.0	33.55	8.0	25.0	0.60
F17	15 Nov 2018	61	14.23	88.56	7.0	33.55	8.0	25.0	0.59
F17	15 Nov 2018	62	14.21	88.63	7.0	33.55	8.0	25.0	0.60
F17	15 Nov 2018	63	14.20	88.65	7.0	33.55	8.0	25.0	0.58
F17	15 Nov 2018	64	14.15	88.65	7.0	33.55	8.0	25.0	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F17	15 Nov 2018	65	14.07	88.69	7.0	33.55	8.0	25.0	0.52
F17	15 Nov 2018	66	14.00	88.71	6.9	33.55	8.0	25.1	0.47
F17	15 Nov 2018	67	13.96	88.60	6.9	33.55	8.0	25.1	0.45
F17	15 Nov 2018	68	13.91	88.60	6.8	33.55	8.0	25.1	0.44
F17	15 Nov 2018	69	13.82	88.65	6.7	33.55	8.0	25.1	0.42
F17	15 Nov 2018	70	13.75	88.63	6.7	33.55	8.0	25.1	0.40
F17	15 Nov 2018	71	13.72	88.52	6.6	33.55	8.0	25.1	0.36
F17	15 Nov 2018	72	13.57	88.14	6.5	33.55	8.0	25.2	0.33
F17	15 Nov 2018	73	13.31	87.68	6.4	33.55	8.0	25.2	0.29
F17	15 Nov 2018	74	13.00	87.09	6.3	33.56	8.0	25.3	0.25
F17	15 Nov 2018	75	12.89	87.03	6.2	33.56	7.9	25.3	0.23
F17	15 Nov 2018	76	12.86	87.23	6.2	33.56	7.9	25.3	0.23
F17	15 Nov 2018	77	12.85	87.36	6.2	33.56	7.9	25.3	0.23
F17	15 Nov 2018	78	12.85	87.35	6.2	33.56	7.9	25.3	0.23
F17	15 Nov 2018	79	12.83	87.34	6.2	33.56	7.9	25.3	0.23
F17	15 Nov 2018	80	12.83	87.32	6.2	33.57	7.9	25.3	0.22
F17	15 Nov 2018	81	12.82	87.26	6.2	33.57	7.9	25.3	0.23
F17	15 Nov 2018	82	12.83	87.10	6.2	33.57	7.9	25.3	0.23
F17	15 Nov 2018	83	12.83	86.31	6.2	33.57	7.9	25.3	0.23
F18	15 Nov 2018	1	18.88	88.75	7.6	33.77	8.1	24.1	0.09
F18	15 Nov 2018	2	18.88	88.73	7.6	33.77	8.1	24.1	0.08
F18	15 Nov 2018	3	18.85	88.73	7.6	33.77	8.1	24.1	0.08
F18	15 Nov 2018	4	18.84	88.66	7.6	33.77	8.1	24.1	0.11
F18	15 Nov 2018	5	18.83	88.66	7.7	33.77	8.1	24.1	0.10
F18	15 Nov 2018	6	18.83	88.56	7.6	33.77	8.1	24.1	0.10
F18	15 Nov 2018	7	18.83	88.58	7.6	33.77	8.1	24.1	0.11
F18	15 Nov 2018	8	18.82	88.58	7.6	33.77	8.1	24.1	0.11
F18	15 Nov 2018	9	18.82	88.59	7.6	33.77	8.1	24.1	0.12
F18	15 Nov 2018	10	18.81	88.61	7.6	33.77	8.1	24.1	0.12
F18	15 Nov 2018	11	18.81	88.61	7.7	33.76	8.1	24.1	0.13
F18	15 Nov 2018	12	18.80	88.57	7.7	33.76	8.1	24.1	0.13
F18	15 Nov 2018	13	18.80	88.61	7.6	33.76	8.1	24.1	0.15
F18	15 Nov 2018	14	18.77	88.60	7.7	33.76	8.1	24.1	0.16
F18	15 Nov 2018	15	18.75	88.59	7.7	33.75	8.1	24.1	0.17
F18	15 Nov 2018	16	18.71	88.53	7.7	33.75	8.1	24.1	0.18
F18	15 Nov 2018	17	18.50	88.57	7.7	33.72	8.1	24.2	0.19
F18	15 Nov 2018	18	17.97	88.57	7.9	33.68	8.1	24.3	0.20
F18	15 Nov 2018	19	17.49	88.59	8.0	33.62	8.1	24.3	0.21
F18	15 Nov 2018	20	17.32	88.70	8.1	33.60	8.1	24.4	0.22
F18	15 Nov 2018	21	17.10	88.74	8.1	33.58	8.1	24.4	0.24
F18	15 Nov 2018	22	16.89	88.65	8.2	33.56	8.1	24.4	0.26
F18	15 Nov 2018	23	16.68	88.48	8.2	33.55	8.1	24.5	0.33
F18	15 Nov 2018	24	16.56	88.22	8.2	33.53	8.1	24.5	0.39
F18	15 Nov 2018	25	16.39	88.04	8.2	33.53	8.1	24.5	0.46
F18	15 Nov 2018	26	16.33	87.90	8.2	33.52	8.1	24.5	0.49
F18	15 Nov 2018	27	16.29	87.89	8.2	33.52	8.1	24.5	0.53
F18	15 Nov 2018	28	16.21	87.75	8.2	33.52	8.1	24.6	0.59
F18	15 Nov 2018	29	15.94	87.82	8.2	33.52	8.1	24.6	0.71
F18	15 Nov 2018	30	15.82	87.57	8.2	33.52	8.1	24.7	0.86
F18	15 Nov 2018	31	15.78	87.45	8.2	33.52	8.1	24.7	1.00
F18	15 Nov 2018	32	15.72	87.14	8.1	33.53	8.1	24.7	1.35
F18	15 Nov 2018	33	15.59	86.32	7.9	33.54	8.1	24.7	1.93
F18	15 Nov 2018	34	15.52	85.28	7.8	33.55	8.1	24.7	2.21
F18	15 Nov 2018	35	15.42	85.30	7.7	33.55	8.1	24.8	2.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F18	15 Nov 2018	36	15.32	85.74	7.5	33.55	8.1	24.8	2.12
F18	15 Nov 2018	37	15.27	86.19	7.5	33.55	8.1	24.8	1.96
F18	15 Nov 2018	38	15.16	86.48	7.4	33.55	8.1	24.8	1.77
F18	15 Nov 2018	39	15.13	86.82	7.4	33.55	8.1	24.8	1.63
F18	15 Nov 2018	40	15.12	87.20	7.4	33.55	8.1	24.8	1.55
F18	15 Nov 2018	41	15.11	87.31	7.4	33.55	8.1	24.8	1.46
F18	15 Nov 2018	42	15.09	87.42	7.4	33.55	8.0	24.8	1.39
F18	15 Nov 2018	43	15.07	87.47	7.4	33.55	8.0	24.8	1.32
F18	15 Nov 2018	44	15.04	87.62	7.3	33.55	8.0	24.8	1.20
F18	15 Nov 2018	45	15.00	87.86	7.3	33.55	8.0	24.9	1.08
F18	15 Nov 2018	46	14.97	87.97	7.2	33.55	8.0	24.9	0.97
F18	15 Nov 2018	47	14.96	88.11	7.2	33.55	8.0	24.9	0.96
F18	15 Nov 2018	48	14.94	88.13	7.2	33.55	8.0	24.9	0.98
F18	15 Nov 2018	49	14.91	88.09	7.3	33.55	8.0	24.9	1.00
F18	15 Nov 2018	50	14.89	88.01	7.2	33.55	8.0	24.9	0.99
F18	15 Nov 2018	51	14.86	88.03	7.2	33.55	8.0	24.9	0.99
F18	15 Nov 2018	52	14.78	88.09	7.2	33.55	8.0	24.9	0.94
F18	15 Nov 2018	53	14.70	88.18	7.2	33.55	8.0	24.9	0.90
F18	15 Nov 2018	54	14.64	88.29	7.1	33.55	8.0	24.9	0.85
F18	15 Nov 2018	55	14.54	88.28	7.1	33.55	8.0	25.0	0.78
F18	15 Nov 2018	56	14.47	88.44	7.1	33.55	8.0	25.0	0.72
F18	15 Nov 2018	57	14.36	88.47	7.1	33.55	8.0	25.0	0.65
F18	15 Nov 2018	58	14.27	88.52	7.0	33.55	8.0	25.0	0.58
F18	15 Nov 2018	59	14.18	88.52	7.0	33.54	8.0	25.0	0.53
F18	15 Nov 2018	60	14.16	88.39	7.0	33.54	8.0	25.0	0.50
F18	15 Nov 2018	61	14.16	88.33	7.0	33.54	8.0	25.0	0.47
F18	15 Nov 2018	62	14.15	88.25	7.0	33.54	8.0	25.0	0.46
F18	15 Nov 2018	63	14.14	88.31	7.0	33.54	8.0	25.0	0.46
F18	15 Nov 2018	64	14.13	88.36	6.9	33.54	8.0	25.0	0.48
F18	15 Nov 2018	65	14.09	88.40	6.9	33.55	8.0	25.0	0.49
F18	15 Nov 2018	66	14.02	88.49	6.8	33.55	8.0	25.1	0.46
F18	15 Nov 2018	67	13.93	88.29	6.8	33.55	8.0	25.1	0.41
F18	15 Nov 2018	68	13.82	88.06	6.7	33.55	8.0	25.1	0.37
F18	15 Nov 2018	69	13.63	87.67	6.6	33.55	8.0	25.1	0.32
F18	15 Nov 2018	70	13.60	87.26	6.6	33.55	8.0	25.1	0.31
F18	15 Nov 2018	71	13.60	87.21	6.6	33.55	8.0	25.1	0.29
F18	15 Nov 2018	72	13.59	87.18	6.5	33.55	8.0	25.1	0.28
F18	15 Nov 2018	73	13.49	87.11	6.4	33.55	8.0	25.2	0.27
F18	15 Nov 2018	74	13.25	86.62	6.3	33.55	8.0	25.2	0.24
F18	15 Nov 2018	75	13.04	86.32	6.3	33.56	8.0	25.3	0.23
F18	15 Nov 2018	76	12.88	86.44	6.2	33.56	7.9	25.3	0.22
F18	15 Nov 2018	77	12.82	86.65	6.2	33.56	7.9	25.3	0.21
F18	15 Nov 2018	78	12.79	86.74	6.2	33.57	7.9	25.3	0.21
F18	15 Nov 2018	79	12.77	86.74	6.2	33.56	7.9	25.3	0.20
F18	15 Nov 2018	80	12.75	86.81	6.1	33.57	7.9	25.3	0.21
F18	15 Nov 2018	81	12.75	86.79	6.1	33.57	7.9	25.3	0.21
F18	15 Nov 2018	82	12.74	86.83	6.1	33.57	7.9	25.3	0.21
F18	15 Nov 2018	83	12.76	86.76	6.1	33.57	7.9	25.3	0.21
F19	15 Nov 2018	1	18.68	88.53	7.8	33.72	8.1	24.1	0.11
F19	15 Nov 2018	2	18.67	88.53	7.8	33.72	8.1	24.1	0.11
F19	15 Nov 2018	3	18.64	88.51	7.8	33.72	8.1	24.1	0.11
F19	15 Nov 2018	4	18.63	87.89	7.8	33.72	8.1	24.1	0.12
F19	15 Nov 2018	5	18.62	88.48	7.8	33.72	8.1	24.1	0.14
F19	15 Nov 2018	6	18.62	88.45	7.8	33.72	8.1	24.1	0.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F19	15 Nov 2018	7	18.61	88.46	7.8	33.72	8.1	24.1	0.14
F19	15 Nov 2018	8	18.61	88.42	7.8	33.72	8.1	24.1	0.16
F19	15 Nov 2018	9	18.60	88.39	7.7	33.72	8.1	24.1	0.17
F19	15 Nov 2018	10	18.60	88.39	7.8	33.72	8.1	24.1	0.18
F19	15 Nov 2018	11	18.59	88.42	7.8	33.72	8.1	24.1	0.19
F19	15 Nov 2018	12	18.59	88.27	7.8	33.72	8.1	24.1	0.19
F19	15 Nov 2018	13	18.59	88.40	7.8	33.72	8.1	24.1	0.20
F19	15 Nov 2018	14	18.59	88.39	7.8	33.72	8.1	24.1	0.22
F19	15 Nov 2018	15	18.59	88.36	7.8	33.72	8.1	24.1	0.22
F19	15 Nov 2018	16	18.59	88.41	7.8	33.72	8.1	24.1	0.23
F19	15 Nov 2018	17	18.59	88.38	7.8	33.72	8.1	24.1	0.24
F19	15 Nov 2018	18	18.58	88.41	7.8	33.72	8.1	24.1	0.24
F19	15 Nov 2018	19	18.58	88.09	7.7	33.72	8.1	24.1	0.26
F19	15 Nov 2018	20	18.45	88.41	7.7	33.70	8.1	24.2	0.27
F19	15 Nov 2018	21	17.84	88.45	7.9	33.64	8.1	24.3	0.28
F19	15 Nov 2018	22	17.37	88.54	8.1	33.61	8.1	24.4	0.28
F19	15 Nov 2018	23	17.24	88.60	8.1	33.60	8.1	24.4	0.29
F19	15 Nov 2018	24	17.02	88.62	8.1	33.57	8.1	24.4	0.31
F19	15 Nov 2018	25	16.64	88.69	8.1	33.55	8.1	24.5	0.35
F19	15 Nov 2018	26	16.36	88.65	8.2	33.53	8.1	24.5	0.43
F19	15 Nov 2018	27	16.27	88.42	8.3	33.52	8.1	24.5	0.50
F19	15 Nov 2018	28	16.18	88.23	8.3	33.51	8.1	24.6	0.54
F19	15 Nov 2018	29	16.09	88.17	8.3	33.51	8.1	24.6	0.54
F19	15 Nov 2018	30	16.06	88.23	8.2	33.52	8.1	24.6	0.52
F19	15 Nov 2018	31	15.99	88.33	8.2	33.52	8.1	24.6	0.58
F19	15 Nov 2018	32	15.74	88.24	8.2	33.51	8.1	24.7	0.75
F19	15 Nov 2018	33	15.63	87.97	8.2	33.52	8.1	24.7	1.02
F19	15 Nov 2018	34	15.58	87.39	8.1	33.52	8.1	24.7	1.49
F19	15 Nov 2018	35	15.53	86.93	8.1	33.53	8.1	24.7	1.92
F19	15 Nov 2018	36	15.51	86.07	8.1	33.53	8.1	24.7	2.18
F19	15 Nov 2018	37	15.44	85.59	8.0	33.53	8.1	24.7	2.26
F19	15 Nov 2018	38	15.39	85.58	7.9	33.53	8.1	24.8	2.26
F19	15 Nov 2018	39	15.28	85.66	7.7	33.54	8.1	24.8	2.12
F19	15 Nov 2018	40	15.13	85.97	7.5	33.55	8.1	24.8	1.88
F19	15 Nov 2018	41	15.08	86.54	7.4	33.55	8.0	24.8	1.62
F19	15 Nov 2018	42	14.97	87.08	7.3	33.54	8.0	24.9	1.36
F19	15 Nov 2018	43	14.87	87.47	7.3	33.55	8.0	24.9	1.19
F19	15 Nov 2018	44	14.85	87.72	7.3	33.54	8.0	24.9	1.10
F19	15 Nov 2018	45	14.84	87.87	7.2	33.54	8.0	24.9	1.05
F19	15 Nov 2018	46	14.80	88.00	7.2	33.55	8.0	24.9	0.99
F19	15 Nov 2018	47	14.79	88.04	7.2	33.55	8.0	24.9	0.96
F19	15 Nov 2018	48	14.79	88.04	7.2	33.55	8.0	24.9	0.93
F19	15 Nov 2018	49	14.79	88.08	7.2	33.55	8.0	24.9	0.93
F19	15 Nov 2018	50	14.78	88.09	7.2	33.55	8.0	24.9	0.92
F19	15 Nov 2018	51	14.79	88.10	7.2	33.55	8.0	24.9	0.93
F19	15 Nov 2018	52	14.78	88.09	7.2	33.55	8.0	24.9	0.96
F19	15 Nov 2018	53	14.78	88.08	7.2	33.55	8.0	24.9	0.92
F19	15 Nov 2018	54	14.78	88.11	7.2	33.55	8.0	24.9	0.92
F19	15 Nov 2018	55	14.78	88.12	7.2	33.55	8.0	24.9	0.93
F19	15 Nov 2018	56	14.78	88.11	7.2	33.55	8.0	24.9	0.93
F19	15 Nov 2018	57	14.78	88.10	7.2	33.55	8.0	24.9	0.92
F19	15 Nov 2018	58	14.78	88.08	7.2	33.55	8.0	24.9	0.91
F19	15 Nov 2018	59	14.77	88.10	7.2	33.55	8.0	24.9	0.92
F19	15 Nov 2018	60	14.78	88.12	7.2	33.55	8.0	24.9	0.93
F19	15 Nov 2018	61	14.78	88.08	7.2	33.55	8.0	24.9	0.92

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F19	15 Nov 2018	62	14.78	88.11	7.2	33.55	8.0	24.9	0.92
F19	15 Nov 2018	63	14.76	88.10	7.1	33.55	8.0	24.9	0.93
F19	15 Nov 2018	64	14.67	88.17	7.1	33.55	8.0	24.9	0.92
F19	15 Nov 2018	65	14.54	88.22	7.1	33.55	8.0	25.0	0.83
F19	15 Nov 2018	66	14.33	88.35	7.0	33.55	8.0	25.0	0.70
F19	15 Nov 2018	67	14.25	88.52	7.0	33.55	8.0	25.0	0.64
F19	15 Nov 2018	68	14.20	88.48	7.0	33.55	8.0	25.0	0.62
F19	15 Nov 2018	69	14.18	88.49	6.9	33.55	8.0	25.0	0.61
F19	15 Nov 2018	70	14.12	88.58	6.9	33.55	8.0	25.0	0.57
F19	15 Nov 2018	71	14.04	88.68	6.9	33.55	8.0	25.1	0.53
F19	15 Nov 2018	72	13.94	88.65	6.8	33.55	8.0	25.1	0.49
F19	15 Nov 2018	73	13.90	88.55	6.8	33.55	8.0	25.1	0.47
F19	15 Nov 2018	74	13.79	88.58	6.7	33.56	8.0	25.1	0.44
F19	15 Nov 2018	75	13.74	88.60	6.7	33.56	8.0	25.1	0.41
F19	15 Nov 2018	76	13.66	88.69	6.6	33.56	8.0	25.1	0.39
F19	15 Nov 2018	77	13.53	88.46	6.6	33.55	8.0	25.2	0.35
F19	15 Nov 2018	78	13.43	88.38	6.5	33.55	8.0	25.2	0.33
F19	15 Nov 2018	79	13.30	87.92	6.3	33.56	8.0	25.2	0.28
F19	15 Nov 2018	80	12.84	87.83	6.3	33.57	8.0	25.3	0.26
F19	15 Nov 2018	81	12.71	87.81	6.2	33.57	7.9	25.3	0.23
F19	15 Nov 2018	82	12.67	87.80	6.2	33.57	7.9	25.3	0.22
F19	15 Nov 2018	83	12.67	87.58	6.1	33.57	7.9	25.4	0.22
F19	15 Nov 2018	84	12.68	87.64	6.1	33.57	7.9	25.3	0.21
F20	15 Nov 2018	1	18.58	87.80	7.8	33.70	8.1	24.1	0.13
F20	15 Nov 2018	2	18.62	88.01	7.8	33.70	8.1	24.1	0.10
F20	15 Nov 2018	3	18.59	88.07	7.8	33.70	8.1	24.1	0.10
F20	15 Nov 2018	4	18.58	88.16	7.8	33.70	8.1	24.1	0.09
F20	15 Nov 2018	5	18.52	88.15	7.8	33.70	8.1	24.1	0.11
F20	15 Nov 2018	6	18.51	88.25	7.8	33.70	8.1	24.1	0.11
F20	15 Nov 2018	7	18.51	88.24	7.8	33.70	8.1	24.1	0.12
F20	15 Nov 2018	8	18.50	88.24	7.8	33.70	8.1	24.2	0.12
F20	15 Nov 2018	9	18.50	88.27	7.8	33.70	8.1	24.2	0.14
F20	15 Nov 2018	10	18.50	88.28	7.8	33.70	8.1	24.2	0.18
F20	15 Nov 2018	11	18.49	88.25	7.8	33.70	8.1	24.2	0.19
F20	15 Nov 2018	12	18.49	88.22	7.8	33.70	8.1	24.2	0.20
F20	15 Nov 2018	13	18.49	88.24	7.8	33.70	8.1	24.2	0.21
F20	15 Nov 2018	14	18.49	88.27	7.8	33.70	8.1	24.2	0.22
F20	15 Nov 2018	15	18.49	88.24	7.8	33.70	8.1	24.2	0.23
F20	15 Nov 2018	16	18.49	88.28	7.8	33.70	8.1	24.2	0.23
F20	15 Nov 2018	17	18.49	88.28	7.8	33.70	8.1	24.2	0.23
F20	15 Nov 2018	18	18.49	88.27	7.8	33.70	8.1	24.2	0.25
F20	15 Nov 2018	19	18.46	88.28	7.8	33.69	8.1	24.2	0.27
F20	15 Nov 2018	20	18.11	88.32	7.9	33.65	8.1	24.2	0.28
F20	15 Nov 2018	21	17.73	88.42	8.0	33.63	8.1	24.3	0.29
F20	15 Nov 2018	22	17.55	88.52	8.1	33.62	8.1	24.3	0.29
F20	15 Nov 2018	23	17.33	88.59	8.1	33.60	8.1	24.4	0.31
F20	15 Nov 2018	24	17.12	88.61	8.1	33.57	8.1	24.4	0.34
F20	15 Nov 2018	25	16.97	88.54	8.2	33.55	8.1	24.4	0.36
F20	15 Nov 2018	26	16.71	88.47	8.2	33.54	8.1	24.5	0.42
F20	15 Nov 2018	27	16.46	88.35	8.2	33.53	8.1	24.5	0.47
F20	15 Nov 2018	28	16.36	88.28	8.2	33.52	8.1	24.5	0.51
F20	15 Nov 2018	29	16.19	88.20	8.3	33.52	8.1	24.6	0.55
F20	15 Nov 2018	30	16.05	88.11	8.3	33.51	8.1	24.6	0.59
F20	15 Nov 2018	31	15.93	88.11	8.3	33.51	8.1	24.6	0.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F20	15 Nov 2018	32	15.86	88.07	8.3	33.51	8.1	24.6	0.64
F20	15 Nov 2018	33	15.83	88.04	8.2	33.51	8.1	24.6	0.69
F20	15 Nov 2018	34	15.68	88.03	8.2	33.51	8.1	24.7	0.74
F20	15 Nov 2018	35	15.61	87.95	8.2	33.51	8.1	24.7	0.83
F20	15 Nov 2018	36	15.52	87.90	8.2	33.51	8.1	24.7	1.07
F20	15 Nov 2018	37	15.42	87.75	8.1	33.52	8.1	24.7	1.63
F20	15 Nov 2018	38	15.30	87.06	8.0	33.53	8.1	24.8	2.13
F20	15 Nov 2018	39	15.29	86.08	7.9	33.53	8.1	24.8	2.24
F20	15 Nov 2018	40	15.26	85.78	7.8	33.54	8.1	24.8	2.12
F20	15 Nov 2018	41	15.20	86.01	7.6	33.54	8.1	24.8	1.86
F20	15 Nov 2018	42	15.11	86.42	7.4	33.54	8.1	24.8	1.63
F20	15 Nov 2018	43	15.05	87.01	7.4	33.54	8.1	24.8	1.39
F20	15 Nov 2018	44	14.94	87.40	7.3	33.54	8.0	24.9	1.17
F20	15 Nov 2018	45	14.86	87.80	7.2	33.54	8.0	24.9	1.06
F20	15 Nov 2018	46	14.81	87.94	7.2	33.55	8.0	24.9	1.02
F20	15 Nov 2018	47	14.77	87.97	7.2	33.55	8.0	24.9	1.01
F20	15 Nov 2018	48	14.76	88.03	7.2	33.55	8.0	24.9	1.00
F20	15 Nov 2018	49	14.75	88.06	7.2	33.55	8.0	24.9	0.99
F20	15 Nov 2018	50	14.73	88.06	7.1	33.55	8.0	24.9	0.98
F20	15 Nov 2018	51	14.67	88.09	7.1	33.55	8.0	24.9	0.94
F20	15 Nov 2018	52	14.64	88.13	7.1	33.55	8.0	24.9	0.92
F20	15 Nov 2018	53	14.62	88.16	7.1	33.55	8.0	24.9	0.92
F20	15 Nov 2018	54	14.59	88.19	7.1	33.55	8.0	24.9	0.92
F20	15 Nov 2018	55	14.51	88.20	7.1	33.55	8.0	25.0	0.86
F20	15 Nov 2018	56	14.41	88.28	7.1	33.55	8.0	25.0	0.77
F20	15 Nov 2018	57	14.28	88.42	7.0	33.55	8.0	25.0	0.71
F20	15 Nov 2018	58	14.19	88.56	6.9	33.55	8.0	25.0	0.65
F20	15 Nov 2018	59	14.17	88.61	6.9	33.55	8.0	25.0	0.62
F20	15 Nov 2018	60	14.10	88.63	6.9	33.55	8.0	25.0	0.59
F20	15 Nov 2018	61	14.03	88.69	6.8	33.55	8.0	25.1	0.57
F20	15 Nov 2018	62	13.99	88.75	6.8	33.55	8.0	25.1	0.56
F20	15 Nov 2018	63	13.97	88.77	6.8	33.55	8.0	25.1	0.53
F20	15 Nov 2018	64	13.97	88.76	6.8	33.55	8.0	25.1	0.52
F20	15 Nov 2018	65	13.97	88.77	6.8	33.55	8.0	25.1	0.52
F20	15 Nov 2018	66	13.96	88.74	6.8	33.55	8.0	25.1	0.50
F20	15 Nov 2018	67	13.96	88.75	6.8	33.55	8.0	25.1	0.51
F20	15 Nov 2018	68	13.91	88.70	6.8	33.55	8.0	25.1	0.47
F20	15 Nov 2018	69	13.86	88.66	6.7	33.55	8.0	25.1	0.45
F20	15 Nov 2018	70	13.85	88.68	6.7	33.56	8.0	25.1	0.45
F20	15 Nov 2018	71	13.84	88.70	6.7	33.56	8.0	25.1	0.43
F20	15 Nov 2018	72	13.76	88.77	6.6	33.56	8.0	25.1	0.42
F20	15 Nov 2018	73	13.62	88.80	6.6	33.56	8.0	25.2	0.38
F20	15 Nov 2018	74	13.41	88.68	6.5	33.56	8.0	25.2	0.33
F20	15 Nov 2018	75	13.26	88.02	6.4	33.56	8.0	25.2	0.30
F20	15 Nov 2018	76	13.07	87.59	6.3	33.56	8.0	25.3	0.27
F20	15 Nov 2018	77	12.91	87.54	6.3	33.57	8.0	25.3	0.26
F20	15 Nov 2018	78	12.87	87.67	6.2	33.57	7.9	25.3	0.25
F20	15 Nov 2018	79	12.82	87.76	6.2	33.57	7.9	25.3	0.24
F20	15 Nov 2018	80	12.77	87.80	6.2	33.57	7.9	25.3	0.23
F20	15 Nov 2018	81	12.75	87.76	6.2	33.57	7.9	25.3	0.23
F20	15 Nov 2018	82	12.73	87.75	6.2	33.57	7.9	25.3	0.23
F20	15 Nov 2018	83	12.79	86.80	6.2	33.57	7.9	25.3	0.23
F21	15 Nov 2018	1	18.55	88.24	7.7	33.70	8.1	24.1	0.20
F21	15 Nov 2018	2	18.56	88.24	7.8	33.70	8.1	24.1	0.19

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F21	15 Nov 2018	3	18.55	88.25	7.8	33.70	8.1	24.1	0.19
F21	15 Nov 2018	4	18.55	88.23	7.8	33.70	8.1	24.1	0.18
F21	15 Nov 2018	5	18.55	88.22	7.8	33.70	8.1	24.1	0.18
F21	15 Nov 2018	6	18.55	88.26	7.8	33.70	8.1	24.1	0.18
F21	15 Nov 2018	7	18.55	88.23	7.8	33.70	8.1	24.1	0.19
F21	15 Nov 2018	8	18.54	88.25	7.8	33.70	8.1	24.1	0.20
F21	15 Nov 2018	9	18.54	88.23	7.8	33.70	8.1	24.1	0.21
F21	15 Nov 2018	10	18.54	88.23	7.8	33.70	8.1	24.1	0.22
F21	15 Nov 2018	11	18.54	88.24	7.8	33.70	8.1	24.1	0.23
F21	15 Nov 2018	12	18.52	88.23	7.8	33.70	8.1	24.1	0.25
F21	15 Nov 2018	13	18.51	88.22	7.8	33.70	8.1	24.1	0.25
F21	15 Nov 2018	14	18.52	88.23	7.8	33.70	8.1	24.1	0.26
F21	15 Nov 2018	15	18.52	88.22	7.8	33.70	8.1	24.1	0.28
F21	15 Nov 2018	16	18.53	88.19	7.8	33.70	8.1	24.1	0.27
F21	15 Nov 2018	17	18.52	88.22	7.8	33.70	8.1	24.1	0.28
F21	15 Nov 2018	18	18.52	88.21	7.8	33.70	8.1	24.1	0.30
F21	15 Nov 2018	19	18.50	88.22	7.8	33.70	8.1	24.2	0.30
F21	15 Nov 2018	20	18.12	88.20	7.9	33.66	8.1	24.2	0.33
F21	15 Nov 2018	21	17.77	88.22	8.0	33.62	8.1	24.3	0.35
F21	15 Nov 2018	22	17.71	88.29	8.0	33.61	8.1	24.3	0.34
F21	15 Nov 2018	23	17.53	88.37	8.1	33.60	8.1	24.3	0.34
F21	15 Nov 2018	24	17.42	88.46	8.1	33.59	8.1	24.3	0.34
F21	15 Nov 2018	25	17.18	88.50	8.1	33.59	8.1	24.4	0.34
F21	15 Nov 2018	26	16.81	88.55	8.1	33.57	8.1	24.5	0.37
F21	15 Nov 2018	27	16.48	88.51	8.2	33.54	8.1	24.5	0.43
F21	15 Nov 2018	28	16.28	88.40	8.2	33.53	8.1	24.6	0.49
F21	15 Nov 2018	29	16.11	88.30	8.2	33.52	8.1	24.6	0.55
F21	15 Nov 2018	30	15.89	88.24	8.3	33.51	8.1	24.6	0.60
F21	15 Nov 2018	31	15.74	88.24	8.3	33.51	8.1	24.7	0.69
F21	15 Nov 2018	32	15.62	88.10	8.2	33.52	8.1	24.7	0.87
F21	15 Nov 2018	33	15.58	87.62	8.2	33.52	8.1	24.7	1.21
F21	15 Nov 2018	34	15.58	87.07	8.0	33.53	8.1	24.7	1.55
F21	15 Nov 2018	35	15.53	86.57	7.9	33.53	8.1	24.7	2.01
F21	15 Nov 2018	36	15.43	86.24	7.9	33.54	8.1	24.7	2.18
F21	15 Nov 2018	37	15.34	85.98	7.8	33.53	8.1	24.8	2.18
F21	15 Nov 2018	38	15.25	86.10	7.6	33.54	8.1	24.8	2.03
F21	15 Nov 2018	39	15.17	86.26	7.5	33.54	8.0	24.8	1.79
F21	15 Nov 2018	40	15.11	86.71	7.4	33.54	8.0	24.8	1.56
F21	15 Nov 2018	41	15.05	87.32	7.4	33.54	8.0	24.8	1.40
F21	15 Nov 2018	42	15.00	87.44	7.3	33.54	8.0	24.8	1.28
F21	15 Nov 2018	43	14.97	87.64	7.3	33.54	8.0	24.9	1.15
F21	15 Nov 2018	44	14.94	87.78	7.2	33.54	8.0	24.9	1.08
F21	15 Nov 2018	45	14.89	87.89	7.2	33.55	8.0	24.9	1.04
F21	15 Nov 2018	46	14.82	87.99	7.2	33.55	8.0	24.9	1.03
F21	15 Nov 2018	47	14.72	87.98	7.1	33.55	8.0	24.9	0.98
F21	15 Nov 2018	48	14.67	88.02	7.1	33.55	8.0	24.9	0.92
F21	15 Nov 2018	49	14.60	88.18	7.1	33.55	8.0	24.9	0.90
F21	15 Nov 2018	50	14.57	88.21	7.1	33.55	8.0	25.0	0.91
F21	15 Nov 2018	51	14.50	88.26	7.1	33.56	8.0	25.0	0.87
F21	15 Nov 2018	52	14.45	88.33	7.0	33.55	8.0	25.0	0.87
F21	15 Nov 2018	53	14.38	88.40	7.0	33.55	8.0	25.0	0.79
F21	15 Nov 2018	54	14.24	88.44	7.0	33.55	8.0	25.0	0.71
F21	15 Nov 2018	55	14.16	88.57	6.9	33.56	8.0	25.0	0.64
F21	15 Nov 2018	56	14.07	88.62	6.9	33.56	8.0	25.1	0.60
F21	15 Nov 2018	57	14.05	88.65	6.8	33.56	8.0	25.1	0.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F21	15 Nov 2018	58	14.00	88.69	6.8	33.55	8.0	25.1	0.55
F21	15 Nov 2018	59	13.92	88.73	6.8	33.55	8.0	25.1	0.53
F21	15 Nov 2018	60	13.87	88.81	6.8	33.55	8.0	25.1	0.53
F21	15 Nov 2018	61	13.82	88.88	6.8	33.55	8.0	25.1	0.50
F21	15 Nov 2018	62	13.78	88.93	6.7	33.56	8.0	25.1	0.47
F21	15 Nov 2018	63	13.78	88.93	6.7	33.56	8.0	25.1	0.46
F21	15 Nov 2018	64	13.78	88.87	6.7	33.56	8.0	25.1	0.46
F21	15 Nov 2018	65	13.77	88.93	6.7	33.56	8.0	25.1	0.44
F21	15 Nov 2018	66	13.76	88.91	6.7	33.56	8.0	25.1	0.45
F21	15 Nov 2018	67	13.75	88.87	6.7	33.56	8.0	25.1	0.44
F21	15 Nov 2018	68	13.71	88.89	6.6	33.56	8.0	25.1	0.42
F21	15 Nov 2018	69	13.67	88.84	6.7	33.56	8.0	25.1	0.40
F21	15 Nov 2018	70	13.62	88.82	6.6	33.56	8.0	25.2	0.38
F21	15 Nov 2018	71	13.58	88.70	6.6	33.56	8.0	25.2	0.38
F21	15 Nov 2018	72	13.50	88.71	6.6	33.56	8.0	25.2	0.38
F21	15 Nov 2018	73	13.45	88.79	6.6	33.56	8.0	25.2	0.36
F21	15 Nov 2018	74	13.40	88.87	6.5	33.56	8.0	25.2	0.35
F21	15 Nov 2018	75	13.26	88.82	6.4	33.57	8.0	25.2	0.32
F21	15 Nov 2018	76	13.22	88.90	6.4	33.57	7.9	25.2	0.28
F21	15 Nov 2018	77	13.14	88.99	6.3	33.57	7.9	25.3	0.29
F21	15 Nov 2018	78	13.03	89.01	6.4	33.57	7.9	25.3	0.28
F21	15 Nov 2018	79	12.96	89.08	6.3	33.57	7.9	25.3	0.28
F21	15 Nov 2018	80	12.89	88.97	6.2	33.57	7.9	25.3	0.27
F21	15 Nov 2018	81	12.81	88.48	6.2	33.57	7.9	25.3	0.25
F21	15 Nov 2018	82	12.75	88.03	6.2	33.57	7.9	25.3	0.24
F21	15 Nov 2018	83	12.69	87.84	6.1	33.57	7.9	25.3	0.23
F21	15 Nov 2018	84	12.70	78.59	6.1	33.57	7.9	25.3	0.22
F22	15 Nov 2018	1	18.49	88.09	7.8	33.68	8.1	24.1	0.17
F22	15 Nov 2018	2	18.48	88.12	7.8	33.68	8.1	24.1	0.18
F22	15 Nov 2018	3	18.46	88.06	7.8	33.69	8.1	24.2	0.18
F22	15 Nov 2018	4	18.46	88.03	7.8	33.68	8.1	24.2	0.18
F22	15 Nov 2018	5	18.46	88.05	7.8	33.68	8.1	24.2	0.19
F22	15 Nov 2018	6	18.46	88.02	7.8	33.68	8.1	24.2	0.20
F22	15 Nov 2018	7	18.46	88.05	7.8	33.69	8.1	24.2	0.21
F22	15 Nov 2018	8	18.46	88.04	7.8	33.68	8.1	24.2	0.22
F22	15 Nov 2018	9	18.45	88.02	7.8	33.69	8.1	24.2	0.22
F22	15 Nov 2018	10	18.45	88.04	7.8	33.68	8.1	24.2	0.24
F22	15 Nov 2018	11	18.45	88.05	7.8	33.68	8.1	24.2	0.26
F22	15 Nov 2018	12	18.45	88.01	7.8	33.69	8.1	24.2	0.27
F22	15 Nov 2018	13	18.45	88.03	7.8	33.69	8.1	24.2	0.28
F22	15 Nov 2018	14	18.45	88.04	7.8	33.68	8.1	24.2	0.30
F22	15 Nov 2018	15	18.45	88.05	7.8	33.69	8.1	24.2	0.31
F22	15 Nov 2018	16	18.45	87.91	7.8	33.68	8.1	24.2	0.30
F22	15 Nov 2018	17	18.45	88.03	7.8	33.68	8.1	24.2	0.30
F22	15 Nov 2018	18	18.44	88.01	7.8	33.68	8.1	24.2	0.32
F22	15 Nov 2018	19	18.38	88.03	7.8	33.68	8.1	24.2	0.33
F22	15 Nov 2018	20	17.58	88.03	8.0	33.61	8.1	24.3	0.38
F22	15 Nov 2018	21	17.33	88.03	8.1	33.57	8.1	24.3	0.41
F22	15 Nov 2018	22	17.10	88.05	8.1	33.57	8.1	24.4	0.42
F22	15 Nov 2018	23	16.84	88.14	8.2	33.55	8.1	24.4	0.45
F22	15 Nov 2018	24	16.48	88.18	8.2	33.54	8.1	24.5	0.48
F22	15 Nov 2018	25	16.44	88.13	8.3	33.53	8.1	24.5	0.52
F22	15 Nov 2018	26	16.41	88.06	8.3	33.53	8.1	24.5	0.55
F22	15 Nov 2018	27	16.28	87.96	8.2	33.52	8.1	24.5	0.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F22	15 Nov 2018	28	16.17	87.94	8.2	33.52	8.1	24.6	0.64
F22	15 Nov 2018	29	16.04	87.83	8.2	33.53	8.1	24.6	0.80
F22	15 Nov 2018	30	15.90	87.24	8.1	33.53	8.1	24.6	1.14
F22	15 Nov 2018	31	15.82	86.60	8.1	33.53	8.1	24.7	1.35
F22	15 Nov 2018	32	15.81	86.47	8.1	33.53	8.1	24.7	1.37
F22	15 Nov 2018	33	15.74	86.80	8.1	33.53	8.1	24.7	1.42
F22	15 Nov 2018	34	15.70	86.82	8.0	33.54	8.1	24.7	1.65
F22	15 Nov 2018	35	15.64	86.21	7.9	33.54	8.1	24.7	2.19
F22	15 Nov 2018	36	15.54	85.03	7.9	33.54	8.1	24.7	2.65
F22	15 Nov 2018	37	15.52	84.40	7.8	33.54	8.1	24.7	2.77
F22	15 Nov 2018	38	15.45	84.55	7.8	33.54	8.1	24.8	2.69
F22	15 Nov 2018	39	15.39	85.01	7.7	33.54	8.1	24.8	2.51
F22	15 Nov 2018	40	15.32	85.47	7.6	33.55	8.1	24.8	2.26
F22	15 Nov 2018	41	15.24	85.92	7.5	33.55	8.0	24.8	1.91
F22	15 Nov 2018	42	15.04	86.56	7.4	33.55	8.0	24.8	1.52
F22	15 Nov 2018	43	14.93	87.46	7.3	33.55	8.0	24.9	1.28
F22	15 Nov 2018	44	14.86	87.75	7.2	33.55	8.0	24.9	1.14
F22	15 Nov 2018	45	14.81	87.84	7.2	33.55	8.0	24.9	1.06
F22	15 Nov 2018	46	14.75	87.95	7.2	33.55	8.0	24.9	1.01
F22	15 Nov 2018	47	14.68	87.93	7.2	33.55	8.0	24.9	0.99
F22	15 Nov 2018	48	14.63	88.06	7.1	33.55	8.0	24.9	0.96
F22	15 Nov 2018	49	14.58	88.11	7.1	33.55	8.0	24.9	0.91
F22	15 Nov 2018	50	14.53	88.16	7.1	33.55	8.0	25.0	0.89
F22	15 Nov 2018	51	14.51	88.23	7.1	33.55	8.0	25.0	0.88
F22	15 Nov 2018	52	14.46	88.26	7.0	33.55	8.0	25.0	0.84
F22	15 Nov 2018	53	14.35	88.34	7.0	33.55	8.0	25.0	0.76
F22	15 Nov 2018	54	14.25	88.40	6.9	33.55	8.0	25.0	0.68
F22	15 Nov 2018	55	14.17	88.41	6.9	33.55	8.0	25.0	0.64
F22	15 Nov 2018	56	14.03	88.58	6.9	33.55	8.0	25.1	0.58
F22	15 Nov 2018	57	14.02	88.66	6.8	33.55	8.0	25.1	0.53
F22	15 Nov 2018	58	14.02	88.65	6.8	33.55	8.0	25.1	0.52
F22	15 Nov 2018	59	14.01	88.68	6.9	33.55	8.0	25.1	0.50
F22	15 Nov 2018	60	14.01	88.64	6.9	33.55	8.0	25.1	0.48
F22	15 Nov 2018	61	14.00	88.60	6.8	33.55	8.0	25.1	0.48
F22	15 Nov 2018	62	13.98	88.58	6.8	33.55	8.0	25.1	0.45
F22	15 Nov 2018	63	13.88	88.44	6.8	33.55	8.0	25.1	0.47
F22	15 Nov 2018	64	13.83	88.36	6.7	33.55	8.0	25.1	0.40
F22	15 Nov 2018	65	13.79	88.35	6.7	33.55	8.0	25.1	0.40
F22	15 Nov 2018	66	13.78	88.60	6.7	33.55	8.0	25.1	0.38
F22	15 Nov 2018	67	13.78	88.63	6.7	33.55	8.0	25.1	0.38
F22	15 Nov 2018	68	13.75	88.62	6.7	33.56	8.0	25.1	0.39
F22	15 Nov 2018	69	13.63	88.68	6.6	33.56	8.0	25.1	0.36
F22	15 Nov 2018	70	13.54	88.66	6.6	33.56	8.0	25.2	0.34
F22	15 Nov 2018	71	13.41	88.58	6.5	33.56	8.0	25.2	0.31
F22	15 Nov 2018	72	13.17	88.30	6.4	33.57	8.0	25.2	0.29
F22	15 Nov 2018	73	13.08	87.97	6.4	33.57	7.9	25.3	0.28
F22	15 Nov 2018	74	13.05	88.02	6.4	33.57	7.9	25.3	0.26
F22	15 Nov 2018	75	13.03	88.14	6.3	33.57	7.9	25.3	0.27
F22	15 Nov 2018	76	13.00	88.32	6.3	33.57	7.9	25.3	0.26
F22	15 Nov 2018	77	12.92	88.67	6.3	33.57	7.9	25.3	0.26
F22	15 Nov 2018	78	12.82	88.46	6.2	33.57	7.9	25.3	0.24
F22	15 Nov 2018	79	12.75	87.76	6.2	33.57	7.9	25.3	0.22
F22	15 Nov 2018	80	12.72	87.22	6.1	33.57	7.9	25.3	0.21
F22	15 Nov 2018	81	12.72	86.92	6.1	33.57	7.9	25.3	0.21
F22	15 Nov 2018	82	12.73	87.07	6.1	33.57	7.9	25.3	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F23	15 Nov 2018	1	18.42	87.82	7.8	33.68	8.1	24.2	0.18
F23	15 Nov 2018	2	18.42	87.79	7.8	33.68	8.1	24.2	0.17
F23	15 Nov 2018	3	18.42	87.98	7.8	33.68	8.1	24.2	0.16
F23	15 Nov 2018	4	18.41	87.99	7.8	33.68	8.1	24.2	0.16
F23	15 Nov 2018	5	18.41	88.01	7.8	33.68	8.1	24.2	0.16
F23	15 Nov 2018	6	18.41	88.02	7.8	33.68	8.1	24.2	0.18
F23	15 Nov 2018	7	18.40	88.01	7.8	33.68	8.1	24.2	0.20
F23	15 Nov 2018	8	18.40	88.05	7.8	33.68	8.1	24.2	0.20
F23	15 Nov 2018	9	18.40	88.04	7.8	33.68	8.1	24.2	0.21
F23	15 Nov 2018	10	18.40	88.01	7.9	33.68	8.1	24.2	0.27
F23	15 Nov 2018	11	18.40	88.03	7.8	33.68	8.1	24.2	0.26
F23	15 Nov 2018	12	18.40	88.03	7.9	33.68	8.1	24.2	0.25
F23	15 Nov 2018	13	18.40	88.04	7.8	33.68	8.1	24.2	0.26
F23	15 Nov 2018	14	18.40	88.02	7.8	33.68	8.1	24.2	0.27
F23	15 Nov 2018	15	18.39	87.92	7.9	33.68	8.1	24.2	0.28
F23	15 Nov 2018	16	18.39	87.89	7.9	33.68	8.1	24.2	0.29
F23	15 Nov 2018	17	18.37	88.04	7.8	33.68	8.1	24.2	0.32
F23	15 Nov 2018	18	18.06	88.01	7.9	33.65	8.1	24.2	0.34
F23	15 Nov 2018	19	17.42	88.00	8.1	33.58	8.1	24.3	0.39
F23	15 Nov 2018	20	17.04	87.94	8.2	33.55	8.1	24.4	0.42
F23	15 Nov 2018	21	16.83	87.96	8.2	33.54	8.1	24.4	0.45
F23	15 Nov 2018	22	16.63	88.00	8.2	33.53	8.1	24.5	0.46
F23	15 Nov 2018	23	16.32	88.06	8.3	33.52	8.1	24.5	0.48
F23	15 Nov 2018	24	16.26	88.09	8.3	33.52	8.1	24.6	0.52
F23	15 Nov 2018	25	16.19	88.01	8.2	33.52	8.1	24.6	0.55
F23	15 Nov 2018	26	16.08	88.11	8.2	33.52	8.1	24.6	0.57
F23	15 Nov 2018	27	15.90	88.00	8.3	33.51	8.1	24.6	0.59
F23	15 Nov 2018	28	15.73	88.10	8.3	33.51	8.1	24.7	0.61
F23	15 Nov 2018	29	15.70	88.11	8.3	33.50	8.1	24.7	0.62
F23	15 Nov 2018	30	15.66	88.17	8.3	33.50	8.1	24.7	0.65
F23	15 Nov 2018	31	15.61	88.21	8.3	33.50	8.1	24.7	0.70
F23	15 Nov 2018	32	15.51	87.83	8.2	33.50	8.1	24.7	0.76
F23	15 Nov 2018	33	15.43	88.04	8.2	33.51	8.1	24.7	0.84
F23	15 Nov 2018	34	15.41	87.81	8.2	33.52	8.1	24.7	1.01
F23	15 Nov 2018	35	15.36	87.65	8.0	33.53	8.1	24.8	1.76
F23	15 Nov 2018	36	15.35	85.87	7.9	33.54	8.1	24.8	2.44
F23	15 Nov 2018	37	15.33	85.04	7.8	33.55	8.1	24.8	2.57
F23	15 Nov 2018	38	15.24	85.00	7.6	33.55	8.1	24.8	2.23
F23	15 Nov 2018	39	15.09	85.46	7.4	33.55	8.0	24.8	1.73
F23	15 Nov 2018	40	14.92	86.85	7.3	33.55	8.0	24.9	1.33
F23	15 Nov 2018	41	14.81	87.44	7.2	33.55	8.0	24.9	1.15
F23	15 Nov 2018	42	14.74	87.76	7.2	33.55	8.0	24.9	1.02
F23	15 Nov 2018	43	14.66	87.93	7.2	33.55	8.0	24.9	0.98
F23	15 Nov 2018	44	14.61	88.00	7.1	33.55	8.0	24.9	0.93
F23	15 Nov 2018	45	14.56	88.05	7.1	33.55	8.0	24.9	0.88
F23	15 Nov 2018	46	14.53	88.21	7.1	33.55	8.0	25.0	0.84
F23	15 Nov 2018	47	14.50	88.24	7.1	33.55	8.0	25.0	0.83
F23	15 Nov 2018	48	14.45	88.25	7.0	33.55	8.0	25.0	0.82
F23	15 Nov 2018	49	14.30	88.30	6.9	33.56	8.0	25.0	0.74
F23	15 Nov 2018	50	14.21	88.39	6.9	33.56	8.0	25.0	0.68
F23	15 Nov 2018	51	14.12	88.48	6.8	33.56	8.0	25.0	0.61
F23	15 Nov 2018	52	14.02	88.59	6.8	33.56	8.0	25.1	0.56
F23	15 Nov 2018	53	13.97	88.66	6.8	33.56	8.0	25.1	0.53
F23	15 Nov 2018	54	13.96	88.68	6.8	33.56	8.0	25.1	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F23	15 Nov 2018	55	13.95	88.73	6.8	33.56	8.0	25.1	0.49
F23	15 Nov 2018	56	13.94	88.72	6.8	33.56	8.0	25.1	0.50
F23	15 Nov 2018	57	13.93	88.71	6.7	33.56	8.0	25.1	0.50
F23	15 Nov 2018	58	13.91	88.72	6.7	33.56	8.0	25.1	0.48
F23	15 Nov 2018	59	13.89	88.74	6.7	33.56	8.0	25.1	0.47
F23	15 Nov 2018	60	13.87	88.74	6.7	33.56	8.0	25.1	0.47
F23	15 Nov 2018	61	13.83	88.47	6.7	33.56	8.0	25.1	0.44
F23	15 Nov 2018	62	13.76	88.60	6.7	33.56	8.0	25.1	0.42
F23	15 Nov 2018	63	13.74	88.79	6.7	33.56	8.0	25.1	0.42
F23	15 Nov 2018	64	13.71	88.78	6.7	33.56	8.0	25.1	0.41
F23	15 Nov 2018	65	13.69	88.82	6.6	33.56	8.0	25.1	0.40
F23	15 Nov 2018	66	13.63	88.60	6.6	33.56	8.0	25.1	0.39
F23	15 Nov 2018	67	13.51	88.75	6.6	33.56	8.0	25.2	0.37
F23	15 Nov 2018	68	13.48	88.84	6.6	33.56	8.0	25.2	0.35
F23	15 Nov 2018	69	13.46	88.78	6.6	33.56	8.0	25.2	0.34
F23	15 Nov 2018	70	13.39	88.72	6.5	33.56	8.0	25.2	0.33
F23	15 Nov 2018	71	13.36	88.62	6.5	33.56	8.0	25.2	0.33
F23	15 Nov 2018	72	13.23	88.53	6.4	33.56	8.0	25.2	0.30
F23	15 Nov 2018	73	13.20	88.47	6.4	33.57	7.9	25.2	0.27
F23	15 Nov 2018	74	13.08	88.76	6.4	33.57	7.9	25.3	0.31
F23	15 Nov 2018	75	12.96	88.84	6.3	33.57	7.9	25.3	0.30
F23	15 Nov 2018	76	12.77	88.95	6.2	33.57	7.9	25.3	0.26
F23	15 Nov 2018	77	12.64	88.82	6.2	33.57	7.9	25.4	0.24
F23	15 Nov 2018	78	12.56	88.71	6.1	33.57	7.9	25.4	0.22
F23	15 Nov 2018	79	12.45	88.53	6.0	33.58	7.9	25.4	0.20
F23	15 Nov 2018	80	12.39	88.25	6.0	33.58	7.9	25.4	0.19
F23	15 Nov 2018	81	12.38	87.64	6.0	33.58	7.9	25.4	0.19
F23	15 Nov 2018	82	12.38	87.29	5.9	33.58	7.9	25.4	0.18
F23	15 Nov 2018	83	12.39	87.17	6.0	33.58	7.9	25.4	0.18
F24	15 Nov 2018	1	18.41	87.60	7.8	33.68	8.1	24.2	0.19
F24	15 Nov 2018	2	18.40	87.53	7.8	33.68	8.1	24.2	0.18
F24	15 Nov 2018	3	18.40	87.68	7.8	33.68	8.1	24.2	0.18
F24	15 Nov 2018	4	18.41	87.69	7.8	33.68	8.1	24.2	0.19
F24	15 Nov 2018	5	18.40	87.64	7.8	33.68	8.1	24.2	0.19
F24	15 Nov 2018	6	18.40	87.70	7.8	33.68	8.1	24.2	0.20
F24	15 Nov 2018	7	18.40	87.72	7.8	33.68	8.1	24.2	0.20
F24	15 Nov 2018	8	18.40	87.70	7.8	33.68	8.1	24.2	0.21
F24	15 Nov 2018	9	18.40	87.73	7.8	33.68	8.1	24.2	0.22
F24	15 Nov 2018	10	18.40	87.79	7.8	33.68	8.1	24.2	0.22
F24	15 Nov 2018	11	18.40	87.80	7.8	33.68	8.1	24.2	0.23
F24	15 Nov 2018	12	18.40	87.78	7.8	33.68	8.1	24.2	0.25
F24	15 Nov 2018	13	18.40	87.83	7.8	33.68	8.1	24.2	0.26
F24	15 Nov 2018	14	18.40	87.84	7.8	33.68	8.1	24.2	0.27
F24	15 Nov 2018	15	18.21	87.83	7.8	33.67	8.1	24.2	0.29
F24	15 Nov 2018	16	17.17	87.82	8.1	33.58	8.1	24.4	0.35
F24	15 Nov 2018	17	16.72	87.80	8.2	33.55	8.1	24.5	0.41
F24	15 Nov 2018	18	16.61	87.80	8.3	33.54	8.1	24.5	0.45
F24	15 Nov 2018	19	16.55	87.80	8.2	33.53	8.1	24.5	0.49
F24	15 Nov 2018	20	16.35	87.79	8.2	33.53	8.1	24.5	0.55
F24	15 Nov 2018	21	16.22	87.62	8.2	33.53	8.1	24.6	0.64
F24	15 Nov 2018	22	16.14	87.33	8.2	33.53	8.1	24.6	0.67
F24	15 Nov 2018	23	16.01	87.48	8.2	33.52	8.1	24.6	0.67
F24	15 Nov 2018	24	15.95	87.70	8.2	33.52	8.1	24.6	0.67
F24	15 Nov 2018	25	15.84	87.79	8.2	33.52	8.1	24.6	0.69

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	15 Nov 2018	26	15.67	87.81	8.3	33.51	8.1	24.7	0.70
F24	15 Nov 2018	27	15.60	87.86	8.3	33.51	8.1	24.7	0.71
F24	15 Nov 2018	28	15.52	87.93	8.3	33.51	8.1	24.7	0.72
F24	15 Nov 2018	29	15.47	87.91	8.2	33.51	8.1	24.7	0.74
F24	15 Nov 2018	30	15.42	87.96	8.2	33.51	8.1	24.7	0.77
F24	15 Nov 2018	31	15.40	87.93	8.2	33.51	8.1	24.7	0.90
F24	15 Nov 2018	32	15.32	87.60	8.1	33.52	8.1	24.8	1.30
F24	15 Nov 2018	33	15.31	87.01	8.0	33.53	8.1	24.8	1.80
F24	15 Nov 2018	34	15.30	86.01	7.9	33.54	8.1	24.8	2.14
F24	15 Nov 2018	35	15.27	85.36	7.8	33.54	8.1	24.8	2.26
F24	15 Nov 2018	36	15.21	85.35	7.7	33.55	8.1	24.8	2.19
F24	15 Nov 2018	37	15.16	85.82	7.6	33.55	8.0	24.8	2.05
F24	15 Nov 2018	38	15.15	86.12	7.5	33.55	8.0	24.8	1.93
F24	15 Nov 2018	39	15.12	86.30	7.5	33.55	8.0	24.8	1.75
F24	15 Nov 2018	40	14.93	86.71	7.3	33.55	8.0	24.9	1.46
F24	15 Nov 2018	41	14.76	87.20	7.3	33.55	8.0	24.9	1.25
F24	15 Nov 2018	42	14.70	87.61	7.2	33.55	8.0	24.9	1.14
F24	15 Nov 2018	43	14.64	87.85	7.1	33.55	8.0	24.9	1.02
F24	15 Nov 2018	44	14.61	87.90	7.1	33.55	8.0	24.9	0.97
F24	15 Nov 2018	45	14.57	87.98	7.1	33.55	8.0	24.9	0.94
F24	15 Nov 2018	46	14.55	88.04	7.1	33.55	8.0	25.0	0.92
F24	15 Nov 2018	47	14.49	88.06	7.0	33.55	8.0	25.0	0.89
F24	15 Nov 2018	48	14.46	88.13	7.0	33.55	8.0	25.0	0.87
F24	15 Nov 2018	49	14.41	88.15	7.0	33.56	8.0	25.0	0.83
F24	15 Nov 2018	50	14.35	88.26	6.9	33.56	8.0	25.0	0.79
F24	15 Nov 2018	51	14.29	88.31	6.9	33.56	8.0	25.0	0.74
F24	15 Nov 2018	52	14.18	88.36	6.9	33.56	8.0	25.0	0.70
F24	15 Nov 2018	53	14.14	88.43	6.9	33.56	8.0	25.0	0.66
F24	15 Nov 2018	54	14.13	88.48	6.9	33.56	8.0	25.0	0.63
F24	15 Nov 2018	55	14.12	88.49	6.9	33.56	8.0	25.0	0.62
F24	15 Nov 2018	56	14.11	88.54	6.9	33.56	8.0	25.0	0.61
F24	15 Nov 2018	57	14.10	88.52	6.9	33.56	8.0	25.1	0.60
F24	15 Nov 2018	58	14.05	88.55	6.8	33.55	8.0	25.1	0.56
F24	15 Nov 2018	59	13.98	88.57	6.8	33.56	8.0	25.1	0.52
F24	15 Nov 2018	60	13.93	88.57	6.7	33.56	8.0	25.1	0.49
F24	15 Nov 2018	61	13.89	88.58	6.7	33.55	8.0	25.1	0.43
F24	15 Nov 2018	62	13.81	88.40	6.7	33.55	8.0	25.1	0.41
F24	15 Nov 2018	63	13.77	88.23	6.7	33.56	8.0	25.1	0.40
F24	15 Nov 2018	64	13.72	88.47	6.7	33.56	8.0	25.1	0.39
F24	15 Nov 2018	65	13.69	88.60	6.6	33.56	8.0	25.1	0.40
F24	15 Nov 2018	66	13.66	88.62	6.6	33.56	8.0	25.1	0.40
F24	15 Nov 2018	67	13.58	88.70	6.7	33.56	8.0	25.2	0.39
F24	15 Nov 2018	68	13.54	88.70	6.6	33.56	8.0	25.2	0.37
F24	15 Nov 2018	69	13.54	88.77	6.6	33.56	8.0	25.2	0.39
F24	15 Nov 2018	70	13.53	88.75	6.6	33.56	8.0	25.2	0.38
F24	15 Nov 2018	71	13.47	88.70	6.6	33.55	8.0	25.2	0.33
F24	15 Nov 2018	72	13.44	88.62	6.6	33.56	8.0	25.2	0.33
F24	15 Nov 2018	73	13.40	88.64	6.6	33.56	8.0	25.2	0.33
F24	15 Nov 2018	74	13.36	88.64	6.5	33.55	8.0	25.2	0.30
F24	15 Nov 2018	75	13.26	88.39	6.5	33.56	7.9	25.2	0.29
F24	15 Nov 2018	76	13.18	88.33	6.4	33.56	7.9	25.2	0.28
F24	15 Nov 2018	77	13.09	87.99	6.4	33.56	7.9	25.3	0.26
F24	15 Nov 2018	78	13.03	87.39	6.3	33.56	7.9	25.3	0.24
F24	15 Nov 2018	79	13.01	87.26	6.3	33.56	7.9	25.3	0.24
F24	15 Nov 2018	80	12.95	87.04	6.2	33.56	7.9	25.3	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	15 Nov 2018	81	12.82	86.74	6.1	33.57	7.9	25.3	0.21
F24	15 Nov 2018	82	12.56	85.97	6.0	33.57	7.9	25.4	0.19
F24	15 Nov 2018	83	12.50	85.42	6.0	33.57	7.9	25.4	0.18
F25	15 Nov 2018	1	18.48	88.02	7.8	33.70	8.1	24.2	0.16
F25	15 Nov 2018	2	18.48	87.97	7.7	33.70	8.1	24.2	0.16
F25	15 Nov 2018	3	18.46	88.02	7.8	33.70	8.1	24.2	0.17
F25	15 Nov 2018	4	18.46	88.03	7.8	33.70	8.1	24.2	0.18
F25	15 Nov 2018	5	18.47	88.04	7.8	33.70	8.1	24.2	0.18
F25	15 Nov 2018	6	18.46	88.03	7.7	33.70	8.1	24.2	0.19
F25	15 Nov 2018	7	18.46	88.01	7.7	33.70	8.1	24.2	0.19
F25	15 Nov 2018	8	18.45	88.04	7.8	33.70	8.1	24.2	0.20
F25	15 Nov 2018	9	18.43	88.05	7.8	33.70	8.1	24.2	0.21
F25	15 Nov 2018	10	18.43	88.03	7.8	33.70	8.1	24.2	0.22
F25	15 Nov 2018	11	18.42	88.03	7.8	33.69	8.1	24.2	0.22
F25	15 Nov 2018	12	18.41	88.06	7.8	33.69	8.1	24.2	0.24
F25	15 Nov 2018	13	18.39	88.01	7.8	33.69	8.1	24.2	0.24
F25	15 Nov 2018	14	18.39	88.02	7.8	33.69	8.1	24.2	0.25
F25	15 Nov 2018	15	18.39	88.02	7.8	33.69	8.1	24.2	0.26
F25	15 Nov 2018	16	18.39	88.05	7.8	33.69	8.1	24.2	0.26
F25	15 Nov 2018	17	18.38	88.03	7.8	33.69	8.1	24.2	0.26
F25	15 Nov 2018	18	18.30	87.96	7.7	33.69	8.1	24.2	0.29
F25	15 Nov 2018	19	16.93	87.94	8.0	33.59	8.1	24.5	0.38
F25	15 Nov 2018	20	16.45	87.68	8.2	33.54	8.1	24.5	0.49
F25	15 Nov 2018	21	16.25	87.47	8.2	33.53	8.1	24.6	0.59
F25	15 Nov 2018	22	16.10	87.47	8.2	33.52	8.1	24.6	0.65
F25	15 Nov 2018	23	15.94	87.36	8.3	33.52	8.1	24.6	0.70
F25	15 Nov 2018	24	15.84	87.51	8.2	33.52	8.1	24.6	0.73
F25	15 Nov 2018	25	15.70	87.62	8.2	33.52	8.1	24.7	0.75
F25	15 Nov 2018	26	15.55	87.55	8.2	33.52	8.1	24.7	0.96
F25	15 Nov 2018	27	15.50	87.01	8.1	33.53	8.1	24.7	1.23
F25	15 Nov 2018	28	15.44	86.46	8.1	33.53	8.1	24.7	1.45
F25	15 Nov 2018	29	15.40	86.20	8.0	33.53	8.1	24.8	1.72
F25	15 Nov 2018	30	15.36	85.45	7.9	33.54	8.1	24.8	1.97
F25	15 Nov 2018	31	15.34	85.57	7.9	33.54	8.1	24.8	2.15
F25	15 Nov 2018	32	15.33	85.39	7.8	33.54	8.1	24.8	2.25
F25	15 Nov 2018	33	15.32	85.23	7.8	33.55	8.1	24.8	2.38
F25	15 Nov 2018	34	15.30	84.94	7.7	33.55	8.0	24.8	2.49
F25	15 Nov 2018	35	15.11	85.32	7.5	33.55	8.0	24.8	2.04
F25	15 Nov 2018	36	14.97	86.51	7.4	33.55	8.0	24.9	1.59
F25	15 Nov 2018	37	14.86	87.11	7.3	33.55	8.0	24.9	1.26
F25	15 Nov 2018	38	14.67	87.53	7.2	33.55	8.0	24.9	1.09
F25	15 Nov 2018	39	14.56	87.79	7.1	33.55	8.0	25.0	0.99
F25	15 Nov 2018	40	14.53	87.88	7.1	33.55	8.0	25.0	0.93
F25	15 Nov 2018	41	14.49	87.96	7.0	33.55	8.0	25.0	0.87
F25	15 Nov 2018	42	14.47	87.99	7.0	33.55	8.0	25.0	0.86
F25	15 Nov 2018	43	14.46	88.02	7.0	33.56	8.0	25.0	0.86
F25	15 Nov 2018	44	14.39	88.05	7.0	33.56	8.0	25.0	0.83
F25	15 Nov 2018	45	14.34	88.11	7.0	33.56	8.0	25.0	0.76
F25	15 Nov 2018	46	14.30	88.15	6.9	33.55	8.0	25.0	0.74
F25	15 Nov 2018	47	14.27	88.17	6.9	33.56	8.0	25.0	0.74
F25	15 Nov 2018	48	14.19	88.22	6.9	33.56	8.0	25.0	0.68
F25	15 Nov 2018	49	14.12	88.32	6.9	33.56	8.0	25.0	0.64
F25	15 Nov 2018	50	14.08	88.38	6.8	33.56	8.0	25.1	0.62
F25	15 Nov 2018	51	14.06	88.42	6.8	33.56	8.0	25.1	0.59

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F25	15 Nov 2018	52	14.03	88.40	6.8	33.56	8.0	25.1	0.57
F25	15 Nov 2018	53	14.02	88.43	6.8	33.56	8.0	25.1	0.56
F25	15 Nov 2018	54	14.00	88.43	6.8	33.55	8.0	25.1	0.53
F25	15 Nov 2018	55	13.97	88.38	6.8	33.55	8.0	25.1	0.50
F25	15 Nov 2018	56	13.83	88.18	6.7	33.56	8.0	25.1	0.42
F25	15 Nov 2018	57	13.74	88.38	6.7	33.56	8.0	25.1	0.39
F25	15 Nov 2018	58	13.73	88.47	6.7	33.56	8.0	25.1	0.40
F25	15 Nov 2018	59	13.72	88.51	6.7	33.56	8.0	25.1	0.40
F25	15 Nov 2018	60	13.72	88.52	6.7	33.56	8.0	25.1	0.41
F25	15 Nov 2018	61	13.72	88.55	6.7	33.56	8.0	25.1	0.42
F25	15 Nov 2018	62	13.72	88.54	6.7	33.56	8.0	25.1	0.43
F25	15 Nov 2018	63	13.70	88.61	6.6	33.56	8.0	25.1	0.45
F25	15 Nov 2018	64	13.63	88.64	6.6	33.56	8.0	25.2	0.42
F25	15 Nov 2018	65	13.49	88.64	6.6	33.57	8.0	25.2	0.40
F25	15 Nov 2018	66	13.43	88.74	6.6	33.56	8.0	25.2	0.38
F25	15 Nov 2018	67	13.39	88.74	6.6	33.56	7.9	25.2	0.37
F25	15 Nov 2018	68	13.33	88.77	6.6	33.56	7.9	25.2	0.35
F25	15 Nov 2018	69	13.28	88.77	6.6	33.56	7.9	25.2	0.35
F25	15 Nov 2018	70	13.26	88.75	6.5	33.56	7.9	25.2	0.34
F25	15 Nov 2018	71	13.22	88.70	6.5	33.56	7.9	25.2	0.31
F25	15 Nov 2018	72	13.18	88.57	6.5	33.56	7.9	25.2	0.32
F25	15 Nov 2018	73	13.16	88.39	6.4	33.56	7.9	25.2	0.28
F25	15 Nov 2018	74	13.02	88.29	6.3	33.56	7.9	25.3	0.25
F25	15 Nov 2018	75	12.92	87.85	6.2	33.56	7.9	25.3	0.22
F25	15 Nov 2018	76	12.80	87.41	6.2	33.57	7.9	25.3	0.21
F25	15 Nov 2018	77	12.65	86.94	6.1	33.57	7.9	25.4	0.20
F25	15 Nov 2018	78	12.48	86.22	6.0	33.57	7.9	25.4	0.18
F25	15 Nov 2018	79	12.41	84.88	6.0	33.57	7.9	25.4	0.18
F25	15 Nov 2018	80	12.49	84.82	6.0	33.57	7.9	25.4	0.17
F26	17 Nov 2018	1	18.65	88.56	7.6	33.76	8.2	24.2	0.12
F26	17 Nov 2018	2	18.63	88.62	7.7	33.76	8.2	24.2	0.12
F26	17 Nov 2018	3	18.63	88.60	7.7	33.76	8.2	24.2	0.12
F26	17 Nov 2018	4	18.65	88.63	7.7	33.76	8.2	24.2	0.12
F26	17 Nov 2018	5	18.63	88.64	7.7	33.76	8.2	24.2	0.11
F26	17 Nov 2018	6	18.60	88.62	7.7	33.76	8.2	24.2	0.11
F26	17 Nov 2018	7	18.60	88.62	7.7	33.75	8.2	24.2	0.11
F26	17 Nov 2018	8	18.59	88.60	7.7	33.75	8.2	24.2	0.12
F26	17 Nov 2018	9	18.58	88.61	7.7	33.75	8.2	24.2	0.13
F26	17 Nov 2018	10	18.58	88.60	7.7	33.75	8.2	24.2	0.13
F26	17 Nov 2018	11	18.57	88.59	7.7	33.75	8.2	24.2	0.15
F26	17 Nov 2018	12	18.57	88.55	7.7	33.75	8.2	24.2	0.15
F26	17 Nov 2018	13	18.56	88.58	7.7	33.75	8.2	24.2	0.17
F26	17 Nov 2018	14	18.56	88.58	7.7	33.75	8.2	24.2	0.18
F26	17 Nov 2018	15	18.55	88.59	7.7	33.75	8.2	24.2	0.19
F26	17 Nov 2018	16	18.54	88.55	7.7	33.75	8.2	24.2	0.21
F26	17 Nov 2018	17	18.52	88.54	7.7	33.74	8.2	24.2	0.23
F26	17 Nov 2018	18	18.48	88.54	7.7	33.74	8.2	24.2	0.25
F26	17 Nov 2018	19	18.44	88.56	7.7	33.74	8.2	24.2	0.29
F26	17 Nov 2018	20	18.34	88.44	7.8	33.73	8.2	24.2	0.33
F26	17 Nov 2018	21	18.21	88.30	7.8	33.70	8.2	24.2	0.42
F26	17 Nov 2018	22	18.15	88.27	7.8	33.69	8.2	24.2	0.49
F26	17 Nov 2018	23	18.06	88.17	7.8	33.69	8.2	24.3	0.53
F26	17 Nov 2018	24	18.03	88.19	7.8	33.69	8.2	24.3	0.58
F26	17 Nov 2018	25	18.06	88.22	7.8	33.70	8.2	24.3	0.59

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	17 Nov 2018	26	18.04	88.20	7.8	33.71	8.2	24.3	0.59
F26	17 Nov 2018	27	17.93	88.30	7.8	33.70	8.2	24.3	0.62
F26	17 Nov 2018	28	17.79	88.21	7.8	33.68	8.2	24.3	0.69
F26	17 Nov 2018	29	17.71	87.96	7.8	33.67	8.2	24.3	0.79
F26	17 Nov 2018	30	17.60	87.90	7.8	33.66	8.2	24.3	0.83
F26	17 Nov 2018	31	17.49	87.96	7.8	33.66	8.2	24.4	0.87
F26	17 Nov 2018	32	17.43	87.97	7.8	33.65	8.2	24.4	0.90
F26	17 Nov 2018	33	17.36	88.02	7.7	33.65	8.2	24.4	0.95
F26	17 Nov 2018	34	17.13	88.06	7.8	33.63	8.2	24.4	0.99
F26	17 Nov 2018	35	16.99	87.97	7.8	33.61	8.1	24.5	1.05
F26	17 Nov 2018	36	16.83	87.91	7.9	33.60	8.1	24.5	1.11
F26	17 Nov 2018	37	16.68	87.82	8.0	33.59	8.2	24.5	1.13
F26	17 Nov 2018	38	16.50	87.71	8.1	33.58	8.2	24.5	1.17
F26	17 Nov 2018	39	16.43	87.48	8.1	33.58	8.2	24.6	1.26
F26	17 Nov 2018	40	16.41	87.45	8.1	33.57	8.2	24.6	1.32
F26	17 Nov 2018	41	16.36	87.46	8.0	33.57	8.2	24.6	1.38
F26	17 Nov 2018	42	16.11	87.41	8.0	33.56	8.2	24.6	1.52
F26	17 Nov 2018	43	15.86	87.18	8.1	33.55	8.1	24.7	1.73
F26	17 Nov 2018	44	15.79	86.86	8.0	33.55	8.1	24.7	1.86
F26	17 Nov 2018	45	15.53	86.82	8.0	33.54	8.1	24.7	1.77
F26	17 Nov 2018	46	15.23	87.25	8.0	33.53	8.1	24.8	1.67
F26	17 Nov 2018	47	15.00	87.54	7.9	33.52	8.1	24.8	1.58
F26	17 Nov 2018	48	14.98	87.54	7.8	33.53	8.1	24.8	1.52
F26	17 Nov 2018	49	14.88	87.59	7.5	33.54	8.1	24.9	1.43
F26	17 Nov 2018	50	14.81	87.77	7.3	33.54	8.1	24.9	1.32
F26	17 Nov 2018	51	14.78	87.96	7.2	33.54	8.1	24.9	1.18
F26	17 Nov 2018	52	14.73	88.09	7.2	33.55	8.1	24.9	1.10
F26	17 Nov 2018	53	14.69	88.15	7.2	33.55	8.1	24.9	1.04
F26	17 Nov 2018	54	14.68	88.21	7.2	33.55	8.1	24.9	1.00
F26	17 Nov 2018	55	14.68	88.16	7.2	33.55	8.1	24.9	0.99
F26	17 Nov 2018	56	14.66	88.16	7.2	33.55	8.1	24.9	0.99
F26	17 Nov 2018	57	14.53	88.28	7.2	33.54	8.1	24.9	0.99
F26	17 Nov 2018	58	14.40	88.39	7.2	33.54	8.1	25.0	0.89
F26	17 Nov 2018	59	14.37	88.42	7.1	33.54	8.1	25.0	0.81
F26	17 Nov 2018	60	14.36	88.41	7.1	33.54	8.1	25.0	0.73
F26	17 Nov 2018	61	14.35	88.33	7.1	33.54	8.1	25.0	0.69
F26	17 Nov 2018	62	14.34	88.06	7.0	33.54	8.1	25.0	0.67
F26	17 Nov 2018	63	14.32	88.47	7.0	33.55	8.1	25.0	0.65
F26	17 Nov 2018	64	14.32	88.52	7.0	33.55	8.1	25.0	0.62
F26	17 Nov 2018	65	14.30	88.45	7.0	33.55	8.1	25.0	0.59
F26	17 Nov 2018	66	14.27	88.10	6.9	33.55	8.1	25.0	0.55
F26	17 Nov 2018	67	14.16	87.64	6.8	33.54	8.1	25.0	0.51
F26	17 Nov 2018	68	14.00	87.44	6.7	33.55	8.0	25.1	0.41
F26	17 Nov 2018	69	13.86	87.41	6.6	33.55	8.0	25.1	0.36
F26	17 Nov 2018	70	13.54	87.19	6.5	33.56	8.0	25.2	0.30
F26	17 Nov 2018	71	13.42	87.23	6.4	33.56	8.0	25.2	0.27
F26	17 Nov 2018	72	13.31	87.23	6.3	33.56	8.0	25.2	0.26
F26	17 Nov 2018	73	13.02	87.17	6.3	33.57	8.0	25.3	0.23
F26	17 Nov 2018	74	12.92	87.15	6.2	33.57	8.0	25.3	0.23
F26	17 Nov 2018	75	12.85	87.04	6.1	33.57	8.0	25.3	0.22
F26	17 Nov 2018	76	12.82	87.02	6.1	33.57	8.0	25.3	0.21
F26	17 Nov 2018	77	12.73	86.96	6.1	33.57	8.0	25.3	0.20
F26	17 Nov 2018	78	12.68	87.14	6.0	33.57	8.0	25.4	0.19
F26	17 Nov 2018	79	12.56	87.71	6.0	33.58	8.0	25.4	0.17
F26	17 Nov 2018	80	12.51	87.93	5.9	33.58	8.0	25.4	0.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	17 Nov 2018	81	12.42	88.20	5.9	33.59	8.0	25.4	0.15
F26	17 Nov 2018	82	12.37	88.30	5.9	33.59	8.0	25.4	0.14
F26	17 Nov 2018	83	12.35	88.33	5.8	33.59	8.0	25.4	0.13
F26	17 Nov 2018	84	12.28	88.38	5.8	33.59	8.0	25.4	0.14
F26	17 Nov 2018	85	12.24	88.38	5.8	33.59	8.0	25.5	0.13
F26	17 Nov 2018	86	12.19	88.35	5.7	33.60	8.0	25.5	0.13
F26	17 Nov 2018	87	12.13	88.34	5.7	33.60	7.9	25.5	0.12
F26	17 Nov 2018	88	12.09	88.31	5.7	33.60	7.9	25.5	0.12
F26	17 Nov 2018	89	12.06	88.28	5.7	33.60	7.9	25.5	0.12
F26	17 Nov 2018	90	12.02	88.16	5.7	33.60	7.9	25.5	0.12
F26	17 Nov 2018	91	12.00	88.10	5.6	33.60	7.9	25.5	0.12
F26	17 Nov 2018	92	11.97	87.90	5.6	33.61	7.9	25.5	0.11
F26	17 Nov 2018	93	11.94	87.79	5.6	33.61	7.9	25.5	0.13
F26	17 Nov 2018	94	11.90	87.78	5.6	33.61	7.9	25.5	0.12
F26	17 Nov 2018	95	11.88	87.73	5.6	33.61	7.9	25.5	0.12
F26	17 Nov 2018	96	11.87	87.71	5.6	33.62	7.9	25.5	0.11
F26	17 Nov 2018	97	11.87	87.72	5.5	33.62	7.9	25.5	0.10
F26	17 Nov 2018	98	11.85	87.62	5.5	33.62	7.9	25.5	0.11
F27	17 Nov 2018	1	18.63	88.31	7.7	33.75	8.2	24.2	0.15
F27	17 Nov 2018	2	18.61	88.41	7.7	33.75	8.2	24.2	0.14
F27	17 Nov 2018	3	18.60	88.54	7.7	33.75	8.2	24.2	0.15
F27	17 Nov 2018	4	18.60	88.43	7.7	33.75	8.2	24.2	0.15
F27	17 Nov 2018	5	18.59	88.35	7.7	33.75	8.2	24.2	0.14
F27	17 Nov 2018	6	18.56	88.53	7.7	33.75	8.2	24.2	0.14
F27	17 Nov 2018	7	18.55	88.68	7.7	33.75	8.2	24.2	0.15
F27	17 Nov 2018	8	18.55	88.70	7.7	33.75	8.2	24.2	0.15
F27	17 Nov 2018	9	18.55	88.68	7.7	33.75	8.2	24.2	0.16
F27	17 Nov 2018	10	18.54	88.67	7.7	33.75	8.2	24.2	0.15
F27	17 Nov 2018	11	18.55	88.65	7.7	33.75	8.2	24.2	0.16
F27	17 Nov 2018	12	18.53	88.65	7.7	33.75	8.2	24.2	0.18
F27	17 Nov 2018	13	18.51	88.66	7.7	33.75	8.2	24.2	0.19
F27	17 Nov 2018	14	18.50	88.61	7.7	33.74	8.2	24.2	0.21
F27	17 Nov 2018	15	18.46	88.63	7.7	33.74	8.2	24.2	0.23
F27	17 Nov 2018	16	18.42	88.54	7.7	33.73	8.2	24.2	0.27
F27	17 Nov 2018	17	18.38	88.20	7.7	33.73	8.2	24.2	0.33
F27	17 Nov 2018	18	18.32	88.35	7.7	33.72	8.2	24.2	0.38
F27	17 Nov 2018	19	18.26	88.21	7.8	33.71	8.2	24.2	0.43
F27	17 Nov 2018	20	18.18	88.23	7.8	33.70	8.2	24.2	0.49
F27	17 Nov 2018	21	18.15	88.16	7.8	33.70	8.2	24.2	0.53
F27	17 Nov 2018	22	18.11	88.12	7.8	33.69	8.2	24.2	0.58
F27	17 Nov 2018	23	18.04	88.12	7.8	33.69	8.2	24.3	0.65
F27	17 Nov 2018	24	17.99	87.80	7.8	33.68	8.2	24.3	0.65
F27	17 Nov 2018	25	17.94	88.08	7.8	33.68	8.2	24.3	0.69
F27	17 Nov 2018	26	17.91	88.23	7.8	33.68	8.2	24.3	0.72
F27	17 Nov 2018	27	17.88	88.24	7.8	33.68	8.2	24.3	0.72
F27	17 Nov 2018	28	17.75	88.26	7.8	33.67	8.2	24.3	0.76
F27	17 Nov 2018	29	17.60	88.27	7.8	33.66	8.2	24.3	0.84
F27	17 Nov 2018	30	17.52	88.09	7.8	33.65	8.2	24.4	0.93
F27	17 Nov 2018	31	17.50	87.90	7.8	33.65	8.2	24.4	0.99
F27	17 Nov 2018	32	17.49	87.88	7.8	33.65	8.2	24.4	0.99
F27	17 Nov 2018	33	17.47	87.92	7.8	33.65	8.2	24.4	1.02
F27	17 Nov 2018	34	17.45	87.91	7.8	33.65	8.2	24.4	1.04
F27	17 Nov 2018	35	17.40	87.87	7.8	33.64	8.2	24.4	1.03
F27	17 Nov 2018	36	17.35	87.91	7.8	33.64	8.2	24.4	1.03

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	17 Nov 2018	37	17.28	87.93	7.7	33.64	8.2	24.4	1.09
F27	17 Nov 2018	38	17.14	87.90	7.7	33.63	8.2	24.4	1.13
F27	17 Nov 2018	39	16.80	87.74	7.8	33.60	8.1	24.5	1.19
F27	17 Nov 2018	40	16.62	88.00	7.8	33.59	8.1	24.5	1.16
F27	17 Nov 2018	41	16.37	88.10	7.9	33.57	8.1	24.6	1.16
F27	17 Nov 2018	42	16.24	87.97	8.0	33.57	8.1	24.6	1.28
F27	17 Nov 2018	43	16.15	87.74	8.0	33.56	8.1	24.6	1.34
F27	17 Nov 2018	44	15.97	87.61	8.0	33.55	8.1	24.6	1.42
F27	17 Nov 2018	45	15.67	87.42	8.1	33.54	8.1	24.7	1.51
F27	17 Nov 2018	46	15.54	87.52	8.1	33.53	8.1	24.7	1.51
F27	17 Nov 2018	47	15.49	87.46	8.1	33.53	8.1	24.7	1.53
F27	17 Nov 2018	48	15.42	87.50	8.1	33.53	8.1	24.7	1.52
F27	17 Nov 2018	49	15.33	87.56	8.0	33.52	8.1	24.8	1.45
F27	17 Nov 2018	50	15.20	87.73	8.0	33.52	8.1	24.8	1.47
F27	17 Nov 2018	51	15.00	87.78	7.9	33.52	8.1	24.8	1.30
F27	17 Nov 2018	52	14.77	88.05	7.9	33.51	8.1	24.9	1.22
F27	17 Nov 2018	53	14.70	88.29	7.9	33.51	8.1	24.9	1.15
F27	17 Nov 2018	54	14.63	88.36	7.9	33.51	8.1	24.9	1.13
F27	17 Nov 2018	55	14.55	88.42	7.8	33.51	8.1	24.9	1.08
F27	17 Nov 2018	56	14.33	88.47	7.7	33.51	8.1	25.0	1.01
F27	17 Nov 2018	57	14.23	88.54	7.6	33.52	8.1	25.0	0.95
F27	17 Nov 2018	58	14.17	88.63	7.4	33.52	8.1	25.0	0.86
F27	17 Nov 2018	59	14.03	88.70	7.3	33.53	8.1	25.0	0.78
F27	17 Nov 2018	60	13.94	88.81	7.1	33.54	8.1	25.1	0.68
F27	17 Nov 2018	61	13.90	88.87	7.0	33.54	8.1	25.1	0.62
F27	17 Nov 2018	62	13.73	88.83	7.0	33.51	8.1	25.1	0.54
F27	17 Nov 2018	63	13.55	88.06	7.0	33.48	8.0	25.1	0.49
F27	17 Nov 2018	64	13.57	87.79	7.0	33.49	8.0	25.1	0.46
F27	17 Nov 2018	65	13.47	88.23	7.0	33.48	8.1	25.1	0.42
F27	17 Nov 2018	66	13.42	88.03	7.0	33.49	8.0	25.1	0.41
F27	17 Nov 2018	67	13.37	88.27	6.9	33.48	8.0	25.1	0.36
F27	17 Nov 2018	68	13.31	87.85	6.8	33.47	8.0	25.1	0.33
F27	17 Nov 2018	69	13.28	87.47	6.7	33.47	8.0	25.2	0.31
F27	17 Nov 2018	70	13.31	87.92	6.7	33.49	8.0	25.2	0.31
F27	17 Nov 2018	71	13.30	88.05	6.7	33.49	8.0	25.2	0.30
F27	17 Nov 2018	72	13.27	87.78	6.6	33.49	8.0	25.2	0.30
F27	17 Nov 2018	73	13.21	87.35	6.5	33.48	8.0	25.2	0.27
F27	17 Nov 2018	74	13.13	86.46	6.4	33.46	8.0	25.2	0.24
F27	17 Nov 2018	75	13.05	85.79	6.3	33.45	8.0	25.2	0.21
F27	17 Nov 2018	76	13.09	85.84	6.3	33.46	8.0	25.2	0.19
F27	17 Nov 2018	77	13.06	85.88	6.3	33.46	8.0	25.2	0.16
F27	17 Nov 2018	78	13.06	85.76	6.3	33.46	8.0	25.2	0.16
F27	17 Nov 2018	79	13.10	86.08	6.3	33.48	8.0	25.2	0.15
F27	17 Nov 2018	80	13.11	86.41	6.3	33.50	8.0	25.2	0.16
F27	17 Nov 2018	81	13.10	86.58	6.3	33.50	8.0	25.2	0.16
F27	17 Nov 2018	82	13.02	86.66	6.2	33.50	8.0	25.2	0.16
F27	17 Nov 2018	83	12.83	86.45	6.2	33.49	8.0	25.3	0.15
F27	17 Nov 2018	84	12.80	86.06	6.1	33.50	8.0	25.3	0.16
F27	17 Nov 2018	85	12.87	86.49	6.1	33.54	8.0	25.3	0.18
F27	17 Nov 2018	86	12.83	87.41	6.1	33.57	8.0	25.3	0.19
F27	17 Nov 2018	87	12.67	87.75	6.0	33.58	8.0	25.4	0.18
F27	17 Nov 2018	88	12.46	87.58	5.9	33.59	8.0	25.4	0.17
F27	17 Nov 2018	89	12.27	87.58	5.8	33.59	8.0	25.4	0.16
F27	17 Nov 2018	90	12.04	87.86	5.7	33.60	7.9	25.5	0.14
F27	17 Nov 2018	91	12.00	88.01	5.7	33.60	7.9	25.5	0.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	17 Nov 2018	92	11.98	87.99	5.6	33.60	7.9	25.5	0.11
F27	17 Nov 2018	93	11.90	87.94	5.6	33.61	7.9	25.5	0.12
F27	17 Nov 2018	94	11.87	87.81	5.6	33.61	7.9	25.5	0.11
F27	17 Nov 2018	95	11.87	87.69	5.6	33.61	7.9	25.5	0.12
F27	17 Nov 2018	96	11.86	87.66	5.5	33.61	7.9	25.5	0.11
F27	17 Nov 2018	97	11.81	87.46	5.5	33.62	7.9	25.5	0.11
F27	17 Nov 2018	98	11.79	87.19	5.5	33.62	7.9	25.6	0.11
F27	17 Nov 2018	99	11.79	86.99	5.5	33.62	7.9	25.6	0.11
F27	17 Nov 2018	100	11.82	87.05	5.5	33.62	7.9	25.5	0.11
F28	17 Nov 2018	1	18.66	88.76	7.7	33.75	8.2	24.2	0.11
F28	17 Nov 2018	2	18.64	88.73	7.7	33.76	8.2	24.2	0.11
F28	17 Nov 2018	3	18.59	88.62	7.7	33.75	8.2	24.2	0.11
F28	17 Nov 2018	4	18.59	88.67	7.7	33.75	8.2	24.2	0.14
F28	17 Nov 2018	5	18.58	88.68	7.7	33.75	8.2	24.2	0.13
F28	17 Nov 2018	6	18.58	88.67	7.6	33.75	8.2	24.2	0.13
F28	17 Nov 2018	7	18.58	88.66	7.7	33.75	8.2	24.2	0.14
F28	17 Nov 2018	8	18.57	88.64	7.7	33.75	8.2	24.2	0.14
F28	17 Nov 2018	9	18.57	88.63	7.7	33.75	8.2	24.2	0.15
F28	17 Nov 2018	10	18.56	88.59	7.7	33.75	8.2	24.2	0.15
F28	17 Nov 2018	11	18.56	88.59	7.7	33.75	8.2	24.2	0.16
F28	17 Nov 2018	12	18.56	88.56	7.7	33.75	8.2	24.2	0.17
F28	17 Nov 2018	13	18.56	88.63	7.7	33.75	8.2	24.2	0.18
F28	17 Nov 2018	14	18.55	88.55	7.7	33.75	8.2	24.2	0.19
F28	17 Nov 2018	15	18.54	88.59	7.7	33.75	8.2	24.2	0.21
F28	17 Nov 2018	16	18.53	88.58	7.7	33.75	8.2	24.2	0.22
F28	17 Nov 2018	17	18.50	88.56	7.7	33.74	8.2	24.2	0.25
F28	17 Nov 2018	18	18.47	88.53	7.7	33.74	8.2	24.2	0.30
F28	17 Nov 2018	19	18.43	88.46	7.7	33.73	8.2	24.2	0.30
F28	17 Nov 2018	20	18.39	88.48	7.7	33.73	8.2	24.2	0.34
F28	17 Nov 2018	21	18.31	88.43	7.8	33.72	8.2	24.2	0.41
F28	17 Nov 2018	22	18.24	88.37	7.8	33.71	8.2	24.2	0.45
F28	17 Nov 2018	23	18.10	88.34	7.8	33.70	8.2	24.2	0.53
F28	17 Nov 2018	24	18.05	88.23	7.8	33.70	8.2	24.3	0.57
F28	17 Nov 2018	25	18.05	88.16	7.8	33.71	8.2	24.3	0.59
F28	17 Nov 2018	26	18.00	88.24	7.8	33.70	8.2	24.3	0.59
F28	17 Nov 2018	27	17.81	88.29	7.8	33.69	8.2	24.3	0.71
F28	17 Nov 2018	28	17.78	88.03	7.8	33.68	8.2	24.3	0.77
F28	17 Nov 2018	29	17.78	87.87	7.8	33.68	8.2	24.3	0.81
F28	17 Nov 2018	30	17.77	87.99	7.8	33.68	8.2	24.3	0.82
F28	17 Nov 2018	31	17.77	88.02	7.8	33.68	8.2	24.3	0.81
F28	17 Nov 2018	32	17.77	87.76	7.8	33.68	8.2	24.3	0.82
F28	17 Nov 2018	33	17.76	88.01	7.8	33.68	8.2	24.3	0.80
F28	17 Nov 2018	34	17.57	88.13	7.8	33.66	8.2	24.4	0.85
F28	17 Nov 2018	35	17.51	88.14	7.8	33.66	8.2	24.4	0.90
F28	17 Nov 2018	36	17.42	87.94	7.8	33.65	8.2	24.4	0.97
F28	17 Nov 2018	37	17.30	87.84	7.8	33.63	8.2	24.4	0.96
F28	17 Nov 2018	38	17.21	87.85	7.8	33.63	8.2	24.4	1.02
F28	17 Nov 2018	39	17.05	87.91	7.8	33.62	8.1	24.4	0.98
F28	17 Nov 2018	40	16.96	87.93	7.7	33.61	8.1	24.5	0.99
F28	17 Nov 2018	41	16.71	88.01	7.7	33.59	8.1	24.5	1.03
F28	17 Nov 2018	42	16.20	88.10	7.9	33.56	8.1	24.6	1.11
F28	17 Nov 2018	43	16.07	87.95	8.0	33.56	8.1	24.6	1.22
F28	17 Nov 2018	44	16.03	87.66	8.0	33.55	8.1	24.6	1.32
F28	17 Nov 2018	45	15.96	87.59	8.0	33.55	8.1	24.6	1.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	17 Nov 2018	46	15.87	87.50	8.0	33.55	8.1	24.7	1.41
F28	17 Nov 2018	47	15.58	87.58	8.0	33.54	8.1	24.7	1.39
F28	17 Nov 2018	48	15.44	87.76	8.0	33.53	8.1	24.7	1.36
F28	17 Nov 2018	49	15.41	87.82	8.0	33.53	8.1	24.7	1.33
F28	17 Nov 2018	50	15.38	87.90	8.0	33.52	8.1	24.8	1.30
F28	17 Nov 2018	51	15.32	87.87	8.0	33.52	8.1	24.8	1.29
F28	17 Nov 2018	52	15.27	88.00	8.0	33.52	8.1	24.8	1.24
F28	17 Nov 2018	53	15.20	88.04	8.0	33.52	8.1	24.8	1.22
F28	17 Nov 2018	54	15.04	88.09	8.0	33.52	8.1	24.8	1.22
F28	17 Nov 2018	55	14.87	88.10	8.0	33.51	8.1	24.9	1.20
F28	17 Nov 2018	56	14.81	88.21	7.9	33.51	8.1	24.9	1.15
F28	17 Nov 2018	57	14.73	88.28	7.9	33.51	8.1	24.9	1.12
F28	17 Nov 2018	58	14.60	88.15	7.9	33.51	8.1	24.9	1.08
F28	17 Nov 2018	59	14.58	88.44	7.9	33.51	8.1	24.9	1.06
F28	17 Nov 2018	60	14.50	88.51	7.8	33.51	8.1	24.9	1.01
F28	17 Nov 2018	61	14.43	88.55	7.8	33.51	8.1	24.9	0.99
F28	17 Nov 2018	62	14.36	88.69	7.8	33.51	8.1	25.0	0.95
F28	17 Nov 2018	63	14.32	88.74	7.8	33.51	8.1	25.0	0.92
F28	17 Nov 2018	64	14.30	88.75	7.7	33.51	8.1	25.0	0.90
F28	17 Nov 2018	65	14.23	88.80	7.6	33.51	8.1	25.0	0.84
F28	17 Nov 2018	66	14.05	88.91	7.6	33.51	8.1	25.0	0.80
F28	17 Nov 2018	67	13.93	88.92	7.5	33.52	8.1	25.1	0.75
F28	17 Nov 2018	68	13.83	88.95	7.5	33.51	8.1	25.1	0.68
F28	17 Nov 2018	69	13.77	88.80	7.4	33.51	8.1	25.1	0.64
F28	17 Nov 2018	70	13.75	88.81	7.4	33.52	8.1	25.1	0.65
F28	17 Nov 2018	71	13.70	89.09	7.3	33.53	8.1	25.1	0.63
F28	17 Nov 2018	72	13.65	89.16	7.3	33.53	8.1	25.1	0.60
F28	17 Nov 2018	73	13.58	89.02	7.2	33.53	8.1	25.1	0.57
F28	17 Nov 2018	74	13.52	89.24	7.2	33.53	8.1	25.1	0.53
F28	17 Nov 2018	75	13.46	89.18	7.1	33.53	8.1	25.2	0.50
F28	17 Nov 2018	76	13.38	89.06	6.9	33.53	8.1	25.2	0.45
F28	17 Nov 2018	77	13.16	88.51	6.7	33.49	8.0	25.2	0.37
F28	17 Nov 2018	78	13.04	87.63	6.6	33.47	8.0	25.2	0.31
F28	17 Nov 2018	79	13.05	86.69	6.6	33.48	8.0	25.2	0.30
F28	17 Nov 2018	80	13.14	86.98	6.7	33.51	8.0	25.2	0.34
F28	17 Nov 2018	81	13.14	88.23	6.7	33.53	8.0	25.2	0.33
F28	17 Nov 2018	82	13.09	88.30	6.6	33.53	8.0	25.2	0.30
F28	17 Nov 2018	83	13.09	88.18	6.5	33.53	8.0	25.2	0.29
F28	17 Nov 2018	84	13.08	88.16	6.5	33.54	8.0	25.2	0.27
F28	17 Nov 2018	85	13.04	88.08	6.4	33.54	8.0	25.3	0.26
F28	17 Nov 2018	86	13.02	87.82	6.4	33.55	8.0	25.3	0.25
F28	17 Nov 2018	87	13.01	87.84	6.3	33.55	8.0	25.3	0.23
F28	17 Nov 2018	88	12.95	87.75	6.2	33.55	8.0	25.3	0.22
F28	17 Nov 2018	89	12.77	87.34	6.1	33.53	8.0	25.3	0.18
F28	17 Nov 2018	90	12.60	86.71	6.0	33.54	8.0	25.3	0.17
F28	17 Nov 2018	91	12.50	86.66	6.0	33.56	8.0	25.4	0.16
F28	17 Nov 2018	92	12.41	87.11	5.9	33.57	8.0	25.4	0.16
F28	17 Nov 2018	93	12.38	87.47	5.8	33.58	8.0	25.4	0.16
F28	17 Nov 2018	94	12.22	87.79	5.8	33.59	8.0	25.5	0.15
F28	17 Nov 2018	95	12.01	88.27	5.7	33.61	7.9	25.5	0.13
F28	17 Nov 2018	96	11.89	88.31	5.6	33.62	7.9	25.5	0.13
F28	17 Nov 2018	97	11.82	88.39	5.5	33.63	7.9	25.6	0.12
F28	17 Nov 2018	98	11.81	88.05	5.5	33.63	7.9	25.6	0.13
F28	17 Nov 2018	99	11.80	87.80	5.4	33.63	7.9	25.6	0.13
F28	17 Nov 2018	100	11.71	87.40	5.4	33.64	7.9	25.6	0.12

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	17 Nov 2018	101	11.81	85.52	5.4	33.63	7.9	25.6	0.12
F29	17 Nov 2018	1	18.65	88.70	7.6	33.76	8.2	24.2	0.11
F29	17 Nov 2018	2	18.65	88.67	7.7	33.76	8.2	24.2	0.10
F29	17 Nov 2018	3	18.64	88.65	7.7	33.76	8.2	24.2	0.10
F29	17 Nov 2018	4	18.64	88.64	7.7	33.76	8.2	24.2	0.11
F29	17 Nov 2018	5	18.63	88.67	7.7	33.76	8.2	24.2	0.11
F29	17 Nov 2018	6	18.63	88.59	7.6	33.76	8.2	24.2	0.11
F29	17 Nov 2018	7	18.63	88.65	7.7	33.76	8.2	24.2	0.12
F29	17 Nov 2018	8	18.63	88.65	7.7	33.76	8.2	24.2	0.12
F29	17 Nov 2018	9	18.62	88.64	7.7	33.76	8.2	24.2	0.12
F29	17 Nov 2018	10	18.61	88.65	7.7	33.76	8.2	24.2	0.13
F29	17 Nov 2018	11	18.61	88.62	7.7	33.76	8.2	24.2	0.13
F29	17 Nov 2018	12	18.62	88.62	7.7	33.76	8.2	24.2	0.15
F29	17 Nov 2018	13	18.61	88.57	7.7	33.76	8.2	24.2	0.15
F29	17 Nov 2018	14	18.61	88.33	7.7	33.76	8.2	24.2	0.16
F29	17 Nov 2018	15	18.61	88.54	7.7	33.76	8.2	24.2	0.17
F29	17 Nov 2018	16	18.60	88.59	7.7	33.76	8.2	24.2	0.17
F29	17 Nov 2018	17	18.60	88.59	7.7	33.76	8.2	24.2	0.19
F29	17 Nov 2018	18	18.55	88.60	7.7	33.75	8.2	24.2	0.21
F29	17 Nov 2018	19	18.51	88.57	7.7	33.75	8.2	24.2	0.25
F29	17 Nov 2018	20	18.48	88.54	7.7	33.74	8.2	24.2	0.27
F29	17 Nov 2018	21	18.41	88.34	7.7	33.73	8.2	24.2	0.32
F29	17 Nov 2018	22	18.35	88.35	7.8	33.73	8.2	24.2	0.37
F29	17 Nov 2018	23	18.26	88.29	7.8	33.71	8.2	24.2	0.45
F29	17 Nov 2018	24	18.18	88.29	7.8	33.70	8.2	24.2	0.49
F29	17 Nov 2018	25	18.14	88.22	7.8	33.70	8.2	24.2	0.55
F29	17 Nov 2018	26	18.10	88.13	7.8	33.71	8.2	24.3	0.55
F29	17 Nov 2018	27	18.05	88.27	7.8	33.70	8.2	24.3	0.66
F29	17 Nov 2018	28	18.00	88.27	7.8	33.70	8.2	24.3	0.60
F29	17 Nov 2018	29	17.81	88.19	7.8	33.68	8.2	24.3	0.67
F29	17 Nov 2018	30	17.62	87.94	7.8	33.66	8.2	24.3	0.79
F29	17 Nov 2018	31	17.55	87.86	7.8	33.66	8.2	24.4	0.85
F29	17 Nov 2018	32	17.55	87.93	7.8	33.66	8.2	24.4	0.88
F29	17 Nov 2018	33	17.54	87.95	7.8	33.66	8.2	24.4	0.91
F29	17 Nov 2018	34	17.54	88.01	7.8	33.66	8.2	24.4	0.89
F29	17 Nov 2018	35	17.51	87.98	7.8	33.66	8.2	24.4	0.90
F29	17 Nov 2018	36	17.42	87.97	7.7	33.65	8.2	24.4	0.93
F29	17 Nov 2018	37	17.29	87.88	7.7	33.65	8.2	24.4	0.98
F29	17 Nov 2018	38	17.14	87.96	7.7	33.63	8.1	24.4	1.50
F29	17 Nov 2018	39	17.07	87.68	7.7	33.63	8.1	24.4	2.85
F29	17 Nov 2018	40	16.87	85.40	7.7	33.61	8.1	24.5	2.72
F29	17 Nov 2018	41	16.64	86.93	7.7	33.59	8.1	24.5	2.04
F29	17 Nov 2018	42	16.51	87.88	7.8	33.58	8.1	24.5	1.44
F29	17 Nov 2018	43	16.40	88.00	7.8	33.57	8.1	24.6	1.33
F29	17 Nov 2018	44	16.34	87.90	7.9	33.57	8.1	24.6	1.28
F29	17 Nov 2018	45	16.08	87.74	8.0	33.56	8.1	24.6	1.37
F29	17 Nov 2018	46	15.98	87.49	8.0	33.56	8.1	24.6	1.43
F29	17 Nov 2018	47	15.78	87.46	8.0	33.55	8.1	24.7	1.50
F29	17 Nov 2018	48	15.59	87.41	8.0	33.54	8.1	24.7	1.50
F29	17 Nov 2018	49	15.52	87.51	8.0	33.53	8.1	24.7	1.42
F29	17 Nov 2018	50	15.45	87.81	8.0	33.53	8.1	24.7	1.37
F29	17 Nov 2018	51	15.38	87.88	8.0	33.53	8.1	24.8	1.37
F29	17 Nov 2018	52	15.31	87.91	8.0	33.53	8.1	24.8	1.31
F29	17 Nov 2018	53	15.25	87.94	8.0	33.52	8.1	24.8	1.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	17 Nov 2018	54	15.07	88.00	7.9	33.52	8.1	24.8	1.29
F29	17 Nov 2018	55	14.79	88.12	7.9	33.52	8.1	24.9	1.19
F29	17 Nov 2018	56	14.63	88.34	7.8	33.51	8.1	24.9	1.10
F29	17 Nov 2018	57	14.51	88.57	7.8	33.51	8.1	24.9	1.05
F29	17 Nov 2018	58	14.44	88.62	7.8	33.51	8.1	24.9	1.04
F29	17 Nov 2018	59	14.42	88.64	7.8	33.51	8.1	24.9	0.98
F29	17 Nov 2018	60	14.41	88.68	7.8	33.51	8.1	24.9	0.95
F29	17 Nov 2018	61	14.39	88.66	7.7	33.51	8.1	25.0	0.95
F29	17 Nov 2018	62	14.34	88.58	7.7	33.51	8.1	25.0	0.93
F29	17 Nov 2018	63	14.22	88.76	7.7	33.51	8.1	25.0	0.94
F29	17 Nov 2018	64	14.15	88.72	7.7	33.51	8.1	25.0	0.95
F29	17 Nov 2018	65	14.11	88.69	7.6	33.52	8.1	25.0	0.91
F29	17 Nov 2018	66	14.06	88.77	7.4	33.52	8.1	25.0	0.84
F29	17 Nov 2018	67	14.04	88.83	7.2	33.53	8.1	25.0	0.75
F29	17 Nov 2018	68	13.99	88.80	7.1	33.54	8.1	25.1	0.66
F29	17 Nov 2018	69	13.96	88.79	6.9	33.55	8.1	25.1	0.59
F29	17 Nov 2018	70	13.91	88.80	6.8	33.55	8.0	25.1	0.74
F29	17 Nov 2018	71	13.89	88.77	6.8	33.55	8.0	25.1	0.51
F29	17 Nov 2018	72	13.89	88.77	6.8	33.55	8.0	25.1	0.48
F29	17 Nov 2018	73	13.89	88.82	6.8	33.56	8.0	25.1	0.47
F29	17 Nov 2018	74	13.87	88.85	6.8	33.56	8.0	25.1	0.48
F29	17 Nov 2018	75	13.85	88.86	6.8	33.56	8.0	25.1	0.47
F29	17 Nov 2018	76	13.81	88.87	6.7	33.56	8.0	25.1	0.44
F29	17 Nov 2018	77	13.79	88.85	6.7	33.56	8.0	25.1	0.44
F29	17 Nov 2018	78	13.76	88.77	6.7	33.56	8.0	25.1	0.43
F29	17 Nov 2018	79	13.74	88.77	6.7	33.56	8.0	25.1	0.42
F29	17 Nov 2018	80	13.70	88.85	6.7	33.56	8.0	25.1	0.42
F29	17 Nov 2018	81	13.64	88.88	6.6	33.56	8.0	25.1	0.40
F29	17 Nov 2018	82	13.56	88.86	6.6	33.56	8.0	25.2	0.39
F29	17 Nov 2018	83	13.47	89.03	6.6	33.56	8.0	25.2	0.39
F29	17 Nov 2018	84	13.29	89.07	6.6	33.54	8.0	25.2	0.36
F29	17 Nov 2018	85	13.06	88.18	6.5	33.50	8.0	25.2	0.31
F29	17 Nov 2018	86	13.05	86.69	6.5	33.51	8.0	25.2	0.29
F29	17 Nov 2018	87	13.15	87.29	6.5	33.54	8.0	25.2	0.29
F29	17 Nov 2018	88	13.16	88.36	6.5	33.56	8.0	25.2	0.29
F29	17 Nov 2018	89	13.13	88.57	6.4	33.56	8.0	25.3	0.28
F29	17 Nov 2018	90	13.09	88.47	6.4	33.56	8.0	25.3	0.27
F29	17 Nov 2018	91	13.06	88.33	6.3	33.56	8.0	25.3	0.25
F29	17 Nov 2018	92	13.03	88.07	6.3	33.56	8.0	25.3	0.24
F29	17 Nov 2018	93	13.00	87.61	6.2	33.57	8.0	25.3	0.23
F29	17 Nov 2018	94	12.91	87.10	6.2	33.57	8.0	25.3	0.25
F29	17 Nov 2018	95	12.85	87.00	6.2	33.57	8.0	25.3	0.21
F29	17 Nov 2018	96	12.81	86.95	6.2	33.57	8.0	25.3	0.21
F29	17 Nov 2018	97	12.79	86.94	6.1	33.57	8.0	25.3	0.21
F29	17 Nov 2018	98	12.74	87.10	6.1	33.57	8.0	25.3	0.20
F29	17 Nov 2018	99	12.54	87.37	6.1	33.57	8.0	25.4	0.19
F29	17 Nov 2018	100	12.81	87.30	6.1	33.56	8.0	25.3	0.20
F30	17 Nov 2018	1	18.65	88.71	7.6	33.76	8.2	24.2	0.11
F30	17 Nov 2018	2	18.65	88.70	7.7	33.76	8.2	24.2	0.11
F30	17 Nov 2018	3	18.65	88.71	7.6	33.76	8.2	24.2	0.10
F30	17 Nov 2018	4	18.64	88.69	7.6	33.76	8.2	24.2	0.10
F30	17 Nov 2018	5	18.64	88.71	7.6	33.76	8.2	24.2	0.10
F30	17 Nov 2018	6	18.64	88.70	7.7	33.76	8.2	24.2	0.11
F30	17 Nov 2018	7	18.63	88.68	7.7	33.76	8.2	24.2	0.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F30	17 Nov 2018	8	18.63	88.68	7.7	33.76	8.2	24.2	0.11
F30	17 Nov 2018	9	18.64	88.66	7.6	33.76	8.2	24.2	0.12
F30	17 Nov 2018	10	18.63	88.68	7.7	33.76	8.2	24.2	0.12
F30	17 Nov 2018	11	18.63	88.65	7.7	33.76	8.2	24.2	0.13
F30	17 Nov 2018	12	18.63	88.66	7.7	33.76	8.2	24.2	0.14
F30	17 Nov 2018	13	18.62	88.65	7.7	33.76	8.2	24.2	0.15
F30	17 Nov 2018	14	18.62	88.66	7.7	33.76	8.2	24.2	0.16
F30	17 Nov 2018	15	18.62	88.64	7.7	33.76	8.2	24.2	0.17
F30	17 Nov 2018	16	18.62	88.66	7.7	33.76	8.2	24.2	0.18
F30	17 Nov 2018	17	18.60	88.67	7.7	33.76	8.2	24.2	0.20
F30	17 Nov 2018	18	18.56	88.59	7.7	33.75	8.2	24.2	0.23
F30	17 Nov 2018	19	18.54	88.59	7.7	33.75	8.2	24.2	0.22
F30	17 Nov 2018	20	18.49	88.56	7.7	33.74	8.2	24.2	0.26
F30	17 Nov 2018	21	18.40	88.52	7.7	33.73	8.2	24.2	0.32
F30	17 Nov 2018	22	18.30	88.45	7.8	33.72	8.2	24.2	0.37
F30	17 Nov 2018	23	18.23	88.40	7.8	33.71	8.2	24.2	0.42
F30	17 Nov 2018	24	18.19	88.43	7.8	33.71	8.2	24.2	0.45
F30	17 Nov 2018	25	18.08	88.43	7.7	33.70	8.2	24.3	0.45
F30	17 Nov 2018	26	17.91	88.39	7.8	33.69	8.2	24.3	0.45
F30	17 Nov 2018	27	17.69	88.33	7.8	33.66	8.2	24.3	0.43
F30	17 Nov 2018	28	17.49	88.24	7.9	33.65	8.2	24.4	0.46
F30	17 Nov 2018	29	17.19	87.86	7.9	33.63	8.2	24.4	0.59
F30	17 Nov 2018	30	17.14	87.67	7.9	33.62	8.2	24.4	0.74
F30	17 Nov 2018	31	17.12	87.64	7.9	33.62	8.2	24.4	0.86
F30	17 Nov 2018	32	17.11	87.66	7.9	33.62	8.2	24.4	0.91
F30	17 Nov 2018	33	17.09	87.60	7.9	33.61	8.2	24.4	0.99
F30	17 Nov 2018	34	17.05	87.54	7.9	33.61	8.1	24.4	1.04
F30	17 Nov 2018	35	17.04	87.55	7.9	33.61	8.1	24.4	1.09
F30	17 Nov 2018	36	17.02	87.51	7.9	33.61	8.1	24.4	1.13
F30	17 Nov 2018	37	17.00	87.54	7.9	33.61	8.1	24.4	1.17
F30	17 Nov 2018	38	16.98	87.49	7.9	33.61	8.1	24.5	1.21
F30	17 Nov 2018	39	16.92	87.85	7.8	33.61	8.1	24.5	1.22
F30	17 Nov 2018	40	16.78	88.18	7.8	33.60	8.1	24.5	1.19
F30	17 Nov 2018	41	16.65	87.85	7.8	33.59	8.1	24.5	1.14
F30	17 Nov 2018	42	16.49	87.71	7.8	33.59	8.1	24.6	1.16
F30	17 Nov 2018	43	16.35	87.50	7.8	33.58	8.1	24.6	1.19
F30	17 Nov 2018	44	16.23	87.26	7.9	33.58	8.1	24.6	1.29
F30	17 Nov 2018	45	15.94	87.41	7.9	33.58	8.1	24.7	1.38
F30	17 Nov 2018	46	15.72	87.57	8.0	33.56	8.1	24.7	1.48
F30	17 Nov 2018	47	15.58	87.67	8.0	33.55	8.1	24.7	1.51
F30	17 Nov 2018	48	15.47	87.77	8.0	33.54	8.1	24.7	1.50
F30	17 Nov 2018	49	15.31	87.89	8.0	33.54	8.1	24.8	1.46
F30	17 Nov 2018	50	15.07	88.16	8.0	33.53	8.1	24.8	1.39
F30	17 Nov 2018	51	14.91	88.30	7.9	33.53	8.1	24.9	1.33
F30	17 Nov 2018	52	14.86	88.48	7.9	33.52	8.1	24.9	1.28
F30	17 Nov 2018	53	14.69	88.59	7.9	33.53	8.1	24.9	1.23
F30	17 Nov 2018	54	14.57	88.66	7.8	33.52	8.1	24.9	1.17
F30	17 Nov 2018	55	14.44	88.68	7.8	33.52	8.1	24.9	1.13
F30	17 Nov 2018	56	14.36	88.68	7.8	33.51	8.1	25.0	1.07
F30	17 Nov 2018	57	14.34	88.67	7.8	33.51	8.1	25.0	1.02
F30	17 Nov 2018	58	14.33	88.66	7.7	33.51	8.1	25.0	1.01
F30	17 Nov 2018	59	14.32	88.67	7.7	33.51	8.1	25.0	1.02
F30	17 Nov 2018	60	14.31	88.68	7.7	33.51	8.1	25.0	1.00
F30	17 Nov 2018	61	14.24	88.68	7.6	33.52	8.1	25.0	0.98
F30	17 Nov 2018	62	14.11	88.21	7.4	33.52	8.1	25.0	0.91

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F30	17 Nov 2018	63	13.96	87.24	7.2	33.52	8.1	25.1	0.82
F30	17 Nov 2018	64	13.83	87.09	7.1	33.52	8.1	25.1	0.71
F30	17 Nov 2018	65	13.82	86.56	6.9	33.51	8.0	25.1	0.64
F30	17 Nov 2018	66	13.73	86.08	6.8	33.51	8.0	25.1	0.57
F30	17 Nov 2018	67	13.67	86.09	6.8	33.50	8.0	25.1	0.52
F30	17 Nov 2018	68	13.62	85.91	6.7	33.49	8.0	25.1	0.48
F30	17 Nov 2018	69	13.50	85.54	6.6	33.47	8.0	25.1	0.46
F30	17 Nov 2018	70	13.40	85.16	6.6	33.45	8.0	25.1	0.40
F30	17 Nov 2018	71	13.36	84.20	6.5	33.45	8.0	25.1	0.37
F30	17 Nov 2018	72	13.35	83.79	6.5	33.45	8.0	25.1	0.35
F30	17 Nov 2018	73	13.34	83.68	6.5	33.45	8.0	25.1	0.34
F30	17 Nov 2018	74	13.34	83.63	6.5	33.45	8.0	25.1	0.32
F30	17 Nov 2018	75	13.32	83.66	6.5	33.45	8.0	25.1	0.32
F30	17 Nov 2018	76	13.30	83.60	6.4	33.45	8.0	25.1	0.32
F30	17 Nov 2018	77	13.29	83.54	6.4	33.45	8.0	25.1	0.31
F30	17 Nov 2018	78	13.28	83.56	6.4	33.45	8.0	25.1	0.31
F30	17 Nov 2018	79	13.28	83.78	6.4	33.46	8.0	25.1	0.30
F30	17 Nov 2018	80	13.26	84.20	6.4	33.47	8.0	25.2	0.31
F30	17 Nov 2018	81	13.23	84.54	6.4	33.48	8.0	25.2	0.30
F30	17 Nov 2018	82	13.20	85.09	6.4	33.49	8.0	25.2	0.29
F30	17 Nov 2018	83	13.19	85.35	6.4	33.50	8.0	25.2	0.28
F30	17 Nov 2018	84	13.19	85.61	6.4	33.50	8.0	25.2	0.28
F30	17 Nov 2018	85	13.19	86.14	6.4	33.52	8.0	25.2	0.28
F30	17 Nov 2018	86	13.14	86.66	6.4	33.52	8.0	25.2	0.27
F30	17 Nov 2018	87	13.12	86.63	6.4	33.52	8.0	25.2	0.27
F30	17 Nov 2018	88	13.10	86.44	6.4	33.52	8.0	25.2	0.28
F30	17 Nov 2018	89	13.08	86.41	6.4	33.52	8.0	25.2	0.30
F30	17 Nov 2018	90	13.06	86.52	6.3	33.52	8.0	25.2	0.26
F30	17 Nov 2018	91	13.04	86.56	6.3	33.52	8.0	25.2	0.25
F30	17 Nov 2018	92	13.00	86.60	6.3	33.53	8.0	25.3	0.24
F30	17 Nov 2018	93	12.96	86.59	6.2	33.53	8.0	25.3	0.23
F30	17 Nov 2018	94	12.87	86.52	6.2	33.54	8.0	25.3	0.21
F30	17 Nov 2018	95	12.79	86.47	6.1	33.54	8.0	25.3	0.20
F30	17 Nov 2018	96	12.53	86.28	6.0	33.57	8.0	25.4	0.18
F30	17 Nov 2018	97	12.39	86.18	5.9	33.59	8.0	25.4	0.17
F30	17 Nov 2018	98	12.40	85.59	5.9	33.58	8.0	25.4	0.16
F30	17 Nov 2018	99	12.44	82.60	5.9	33.58	8.0	25.4	0.16
F31	17 Nov 2018	1	18.69	88.33	7.6	33.76	8.2	24.2	0.09
F31	17 Nov 2018	2	18.67	88.41	7.6	33.76	8.2	24.2	0.11
F31	17 Nov 2018	3	18.67	88.46	7.6	33.76	8.2	24.2	0.09
F31	17 Nov 2018	4	18.66	88.54	7.6	33.76	8.2	24.2	0.10
F31	17 Nov 2018	5	18.66	88.62	7.6	33.76	8.2	24.2	0.10
F31	17 Nov 2018	6	18.66	88.64	7.6	33.76	8.2	24.2	0.11
F31	17 Nov 2018	7	18.65	88.66	7.6	33.76	8.2	24.2	0.11
F31	17 Nov 2018	8	18.65	88.65	7.6	33.76	8.2	24.2	0.13
F31	17 Nov 2018	9	18.65	88.67	7.6	33.76	8.2	24.2	0.13
F31	17 Nov 2018	10	18.65	88.71	7.6	33.76	8.2	24.2	0.14
F31	17 Nov 2018	11	18.65	88.63	7.6	33.76	8.2	24.2	0.16
F31	17 Nov 2018	12	18.65	88.71	7.7	33.76	8.2	24.2	0.15
F31	17 Nov 2018	13	18.65	88.73	7.7	33.76	8.2	24.2	0.15
F31	17 Nov 2018	14	18.65	88.72	7.7	33.76	8.2	24.2	0.16
F31	17 Nov 2018	15	18.65	88.71	7.7	33.76	8.2	24.2	0.19
F31	17 Nov 2018	16	18.65	88.73	7.7	33.76	8.2	24.2	0.18
F31	17 Nov 2018	17	18.65	88.71	7.7	33.76	8.2	24.2	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	17 Nov 2018	18	18.65	88.73	7.7	33.76	8.2	24.2	0.18
F31	17 Nov 2018	19	18.65	88.72	7.7	33.76	8.2	24.2	0.18
F31	17 Nov 2018	20	18.65	88.70	7.6	33.76	8.2	24.2	0.19
F31	17 Nov 2018	21	18.65	88.67	7.6	33.76	8.2	24.2	0.21
F31	17 Nov 2018	22	18.63	88.71	7.6	33.76	8.2	24.2	0.21
F31	17 Nov 2018	23	18.56	88.73	7.7	33.75	8.2	24.2	0.22
F31	17 Nov 2018	24	18.55	88.74	7.7	33.74	8.2	24.2	0.23
F31	17 Nov 2018	25	18.48	88.73	7.7	33.74	8.2	24.2	0.25
F31	17 Nov 2018	26	18.21	88.72	7.7	33.71	8.2	24.2	0.29
F31	17 Nov 2018	27	17.95	88.61	7.8	33.68	8.2	24.3	0.32
F31	17 Nov 2018	28	17.72	88.63	7.8	33.66	8.2	24.3	0.34
F31	17 Nov 2018	29	17.27	88.54	8.0	33.62	8.2	24.4	0.39
F31	17 Nov 2018	30	17.22	88.12	8.0	33.61	8.2	24.4	0.42
F31	17 Nov 2018	31	17.16	88.17	8.0	33.61	8.2	24.4	0.51
F31	17 Nov 2018	32	17.05	88.23	8.0	33.61	8.2	24.4	0.62
F31	17 Nov 2018	33	16.98	88.02	8.0	33.60	8.2	24.4	0.85
F31	17 Nov 2018	34	16.94	87.54	8.0	33.60	8.2	24.5	1.06
F31	17 Nov 2018	35	16.85	87.46	7.9	33.60	8.2	24.5	1.21
F31	17 Nov 2018	36	16.73	87.35	7.9	33.59	8.1	24.5	1.35
F31	17 Nov 2018	37	16.68	87.05	7.9	33.59	8.1	24.5	1.36
F31	17 Nov 2018	38	16.57	87.24	7.9	33.58	8.2	24.5	1.50
F31	17 Nov 2018	39	16.38	87.14	7.9	33.57	8.2	24.6	1.61
F31	17 Nov 2018	40	16.26	87.16	7.9	33.56	8.1	24.6	1.37
F31	17 Nov 2018	41	16.20	87.71	7.9	33.56	8.1	24.6	1.33
F31	17 Nov 2018	42	16.18	87.83	7.9	33.56	8.1	24.6	1.40
F31	17 Nov 2018	43	16.03	87.66	8.0	33.56	8.1	24.6	1.58
F31	17 Nov 2018	44	15.84	87.55	8.0	33.55	8.1	24.7	1.49
F31	17 Nov 2018	45	15.80	87.48	8.0	33.55	8.1	24.7	1.50
F31	17 Nov 2018	46	15.74	87.37	8.0	33.55	8.1	24.7	1.52
F31	17 Nov 2018	47	15.59	87.39	7.9	33.54	8.1	24.7	1.50
F31	17 Nov 2018	48	15.37	87.76	7.9	33.53	8.1	24.8	1.40
F31	17 Nov 2018	49	15.11	87.96	7.9	33.53	8.1	24.8	1.35
F31	17 Nov 2018	50	14.85	87.99	7.9	33.52	8.1	24.9	1.29
F31	17 Nov 2018	51	14.75	88.14	7.9	33.51	8.1	24.9	1.22
F31	17 Nov 2018	52	14.68	88.27	7.9	33.51	8.1	24.9	1.15
F31	17 Nov 2018	53	14.54	88.41	7.8	33.51	8.1	24.9	1.09
F31	17 Nov 2018	54	14.41	88.60	7.8	33.51	8.1	24.9	1.01
F31	17 Nov 2018	55	14.39	88.72	7.8	33.51	8.1	25.0	0.96
F31	17 Nov 2018	56	14.37	88.73	7.8	33.51	8.1	25.0	0.96
F31	17 Nov 2018	57	14.29	88.70	7.7	33.51	8.1	25.0	1.04
F31	17 Nov 2018	58	14.27	88.65	7.7	33.51	8.1	25.0	0.99
F31	17 Nov 2018	59	14.26	88.63	7.7	33.52	8.1	25.0	0.98
F31	17 Nov 2018	60	14.17	88.59	7.7	33.52	8.1	25.0	0.97
F31	17 Nov 2018	61	14.09	88.66	7.6	33.52	8.1	25.0	0.94
F31	17 Nov 2018	62	14.05	88.73	7.6	33.52	8.1	25.0	0.93
F31	17 Nov 2018	63	14.00	88.82	7.6	33.52	8.1	25.0	0.86
F31	17 Nov 2018	64	13.93	88.90	7.5	33.52	8.1	25.1	0.80
F31	17 Nov 2018	65	13.86	89.00	7.5	33.52	8.1	25.1	0.76
F31	17 Nov 2018	66	13.82	89.05	7.5	33.52	8.1	25.1	0.75
F31	17 Nov 2018	67	13.79	89.09	7.4	33.52	8.1	25.1	0.70
F31	17 Nov 2018	68	13.75	89.10	7.4	33.52	8.1	25.1	0.67
F31	17 Nov 2018	69	13.70	89.17	7.3	33.53	8.1	25.1	0.67
F31	17 Nov 2018	70	13.63	89.21	7.1	33.54	8.1	25.1	0.58
F31	17 Nov 2018	71	13.63	89.13	6.9	33.55	8.1	25.1	0.52
F31	17 Nov 2018	72	13.64	89.05	6.8	33.56	8.0	25.1	0.46

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	17 Nov 2018	73	13.63	89.01	6.7	33.56	8.0	25.1	0.43
F31	17 Nov 2018	74	13.63	89.02	6.7	33.56	8.0	25.2	0.42
F31	17 Nov 2018	75	13.60	88.95	6.6	33.56	8.0	25.2	0.40
F31	17 Nov 2018	76	13.55	89.03	6.7	33.56	8.0	25.2	0.41
F31	17 Nov 2018	77	13.44	89.14	6.8	33.55	8.0	25.2	0.45
F31	17 Nov 2018	78	13.37	89.29	7.0	33.55	8.0	25.2	0.46
F31	17 Nov 2018	79	13.34	89.34	7.0	33.54	8.0	25.2	0.47
F31	17 Nov 2018	80	13.32	89.36	7.0	33.54	8.0	25.2	0.49
F31	17 Nov 2018	81	13.30	89.40	7.0	33.54	8.1	25.2	0.48
F31	17 Nov 2018	82	13.31	89.26	6.8	33.55	8.0	25.2	0.45
F31	17 Nov 2018	83	13.31	89.09	6.6	33.56	8.0	25.2	0.40
F31	17 Nov 2018	84	13.31	89.05	6.5	33.57	8.0	25.2	0.36
F31	17 Nov 2018	85	13.29	89.05	6.6	33.57	8.0	25.2	0.35
F31	17 Nov 2018	86	13.24	89.07	6.6	33.56	8.0	25.2	0.34
F31	17 Nov 2018	87	13.21	89.15	6.7	33.56	8.0	25.2	0.33
F31	17 Nov 2018	88	13.19	89.20	6.6	33.56	8.0	25.2	0.34
F31	17 Nov 2018	89	13.12	89.20	6.6	33.56	8.0	25.3	0.31
F31	17 Nov 2018	90	13.06	88.84	6.5	33.56	8.0	25.3	0.28
F31	17 Nov 2018	91	12.98	88.14	6.3	33.57	8.0	25.3	0.25
F31	17 Nov 2018	92	12.95	87.32	6.3	33.57	8.0	25.3	0.24
F31	17 Nov 2018	93	12.89	87.01	6.2	33.57	8.0	25.3	0.22
F31	17 Nov 2018	94	12.75	86.36	6.1	33.57	8.0	25.3	0.20
F31	17 Nov 2018	95	12.67	85.71	6.0	33.57	8.0	25.4	0.19
F31	17 Nov 2018	96	12.59	85.65	6.0	33.58	8.0	25.4	0.19
F31	17 Nov 2018	97	12.55	85.68	6.0	33.58	8.0	25.4	0.18
F31	17 Nov 2018	98	12.50	85.67	6.0	33.58	8.0	25.4	0.18
F31	17 Nov 2018	99	12.58	49.50	6.0	33.58	8.0	25.4	0.18
F32	17 Nov 2018	1	18.66	88.75	7.7	33.76	8.2	24.2	0.12
F32	17 Nov 2018	2	18.66	88.77	7.7	33.76	8.2	24.2	0.10
F32	17 Nov 2018	3	18.66	88.75	7.7	33.76	8.2	24.2	0.11
F32	17 Nov 2018	4	18.66	88.78	7.7	33.76	8.2	24.2	0.12
F32	17 Nov 2018	5	18.65	88.76	7.7	33.76	8.2	24.2	0.13
F32	17 Nov 2018	6	18.65	88.76	7.7	33.76	8.2	24.2	0.12
F32	17 Nov 2018	7	18.65	88.77	7.7	33.76	8.2	24.2	0.13
F32	17 Nov 2018	8	18.65	88.77	7.7	33.76	8.2	24.2	0.13
F32	17 Nov 2018	9	18.65	88.77	7.7	33.76	8.2	24.2	0.14
F32	17 Nov 2018	10	18.65	88.75	7.7	33.76	8.2	24.2	0.14
F32	17 Nov 2018	11	18.65	88.75	7.6	33.76	8.2	24.2	0.14
F32	17 Nov 2018	12	18.65	88.75	7.6	33.76	8.2	24.2	0.15
F32	17 Nov 2018	13	18.65	88.75	7.7	33.76	8.2	24.2	0.16
F32	17 Nov 2018	14	18.65	88.75	7.7	33.76	8.2	24.2	0.16
F32	17 Nov 2018	15	18.65	88.72	7.7	33.76	8.2	24.2	0.17
F32	17 Nov 2018	16	18.65	88.74	7.7	33.76	8.2	24.2	0.18
F32	17 Nov 2018	17	18.64	88.75	7.7	33.76	8.2	24.2	0.18
F32	17 Nov 2018	18	18.64	88.73	7.7	33.76	8.2	24.2	0.18
F32	17 Nov 2018	19	18.64	88.70	7.7	33.76	8.2	24.2	0.20
F32	17 Nov 2018	20	18.63	88.72	7.7	33.76	8.2	24.2	0.20
F32	17 Nov 2018	21	18.62	88.74	7.7	33.75	8.2	24.2	0.21
F32	17 Nov 2018	22	18.58	88.76	7.6	33.75	8.2	24.2	0.22
F32	17 Nov 2018	23	18.34	88.74	7.7	33.72	8.2	24.2	0.23
F32	17 Nov 2018	24	18.10	88.74	7.8	33.69	8.2	24.2	0.26
F32	17 Nov 2018	25	17.90	88.75	7.8	33.67	8.2	24.3	0.29
F32	17 Nov 2018	26	17.58	88.68	7.9	33.64	8.2	24.3	0.34
F32	17 Nov 2018	27	17.27	88.48	8.0	33.62	8.2	24.4	0.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	17 Nov 2018	28	17.13	88.34	8.0	33.61	8.2	24.4	0.57
F32	17 Nov 2018	29	17.04	88.02	8.0	33.61	8.1	24.4	0.75
F32	17 Nov 2018	30	17.00	87.81	8.0	33.60	8.1	24.4	0.92
F32	17 Nov 2018	31	16.85	87.62	8.0	33.60	8.1	24.5	1.02
F32	17 Nov 2018	32	16.77	87.60	8.0	33.59	8.1	24.5	1.02
F32	17 Nov 2018	33	16.70	87.67	8.0	33.59	8.1	24.5	1.13
F32	17 Nov 2018	34	16.55	87.49	8.0	33.58	8.1	24.5	1.31
F32	17 Nov 2018	35	16.35	87.32	7.9	33.57	8.1	24.6	1.38
F32	17 Nov 2018	36	16.25	87.61	7.9	33.56	8.1	24.6	1.88
F32	17 Nov 2018	37	16.09	87.48	7.8	33.55	8.1	24.6	2.82
F32	17 Nov 2018	38	15.98	85.92	7.8	33.55	8.1	24.6	2.13
F32	17 Nov 2018	39	15.87	87.69	7.7	33.54	8.1	24.7	1.46
F32	17 Nov 2018	40	15.83	88.24	7.7	33.54	8.1	24.7	1.23
F32	17 Nov 2018	41	15.79	88.27	7.8	33.54	8.1	24.7	1.11
F32	17 Nov 2018	42	15.75	88.30	7.9	33.54	8.1	24.7	1.07
F32	17 Nov 2018	43	15.73	88.23	7.9	33.55	8.1	24.7	1.21
F32	17 Nov 2018	44	15.66	88.09	8.0	33.55	8.1	24.7	1.26
F32	17 Nov 2018	45	15.58	87.87	8.0	33.55	8.1	24.7	1.30
F32	17 Nov 2018	46	15.52	87.74	8.0	33.54	8.1	24.7	1.33
F32	17 Nov 2018	47	15.46	87.73	8.0	33.54	8.1	24.7	1.33
F32	17 Nov 2018	48	15.42	87.80	8.0	33.54	8.1	24.8	1.38
F32	17 Nov 2018	49	15.36	87.87	7.9	33.53	8.1	24.8	1.29
F32	17 Nov 2018	50	15.29	88.10	7.9	33.53	8.1	24.8	1.22
F32	17 Nov 2018	51	15.21	88.18	7.9	33.53	8.1	24.8	1.18
F32	17 Nov 2018	52	15.06	88.21	7.9	33.53	8.1	24.8	1.11
F32	17 Nov 2018	53	14.86	88.36	7.9	33.52	8.1	24.9	1.07
F32	17 Nov 2018	54	14.75	88.47	7.9	33.51	8.1	24.9	1.05
F32	17 Nov 2018	55	14.70	88.47	7.9	33.51	8.1	24.9	1.06
F32	17 Nov 2018	56	14.63	88.46	7.8	33.51	8.1	24.9	1.03
F32	17 Nov 2018	57	14.57	88.49	7.8	33.51	8.1	24.9	1.10
F32	17 Nov 2018	58	14.38	88.57	7.8	33.51	8.1	25.0	0.95
F32	17 Nov 2018	59	14.25	88.74	7.7	33.51	8.1	25.0	0.89
F32	17 Nov 2018	60	14.14	88.86	7.7	33.51	8.1	25.0	0.85
F32	17 Nov 2018	61	14.08	88.94	7.7	33.51	8.1	25.0	0.81
F32	17 Nov 2018	62	14.07	88.96	7.7	33.51	8.1	25.0	0.80
F32	17 Nov 2018	63	14.06	88.98	7.6	33.52	8.1	25.0	0.78
F32	17 Nov 2018	64	13.98	88.97	7.6	33.52	8.1	25.0	0.76
F32	17 Nov 2018	65	13.89	89.03	7.5	33.52	8.1	25.1	0.74
F32	17 Nov 2018	66	13.81	89.11	7.5	33.52	8.1	25.1	0.67
F32	17 Nov 2018	67	13.74	89.22	7.5	33.52	8.1	25.1	0.64
F32	17 Nov 2018	68	13.70	89.22	7.5	33.52	8.1	25.1	0.61
F32	17 Nov 2018	69	13.69	89.27	7.4	33.52	8.1	25.1	0.61
F32	17 Nov 2018	70	13.68	89.29	7.4	33.52	8.1	25.1	0.61
F32	17 Nov 2018	71	13.66	89.27	7.4	33.52	8.1	25.1	0.60
F32	17 Nov 2018	72	13.64	89.30	7.4	33.53	8.1	25.1	0.59
F32	17 Nov 2018	73	13.58	89.27	7.4	33.53	8.1	25.1	0.56
F32	17 Nov 2018	74	13.54	89.31	7.3	33.53	8.1	25.1	0.57
F32	17 Nov 2018	75	13.53	89.35	7.3	33.53	8.1	25.1	0.55
F32	17 Nov 2018	76	13.49	89.35	7.3	33.53	8.1	25.2	0.53
F32	17 Nov 2018	77	13.43	89.38	7.2	33.54	8.1	25.2	0.52
F32	17 Nov 2018	78	13.38	89.42	7.1	33.54	8.1	25.2	0.50
F32	17 Nov 2018	79	13.34	89.39	7.0	33.55	8.0	25.2	0.46
F32	17 Nov 2018	80	13.29	89.37	6.8	33.55	8.0	25.2	0.43
F32	17 Nov 2018	81	13.24	89.32	6.7	33.56	8.0	25.2	0.40
F32	17 Nov 2018	82	13.24	89.25	6.6	33.56	8.0	25.2	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	17 Nov 2018	83	13.22	89.12	6.6	33.56	8.0	25.2	0.33
F32	17 Nov 2018	84	13.13	89.09	6.6	33.56	8.0	25.3	0.32
F32	17 Nov 2018	85	13.06	89.13	6.5	33.56	8.0	25.3	0.30
F32	17 Nov 2018	86	13.04	89.11	6.5	33.56	8.0	25.3	0.29
F32	17 Nov 2018	87	13.02	89.12	6.5	33.56	8.0	25.3	0.27
F32	17 Nov 2018	88	12.97	89.13	6.4	33.56	8.0	25.3	0.25
F32	17 Nov 2018	89	12.91	89.03	6.4	33.56	8.0	25.3	0.23
F32	17 Nov 2018	90	12.86	88.84	6.3	33.56	8.0	25.3	0.21
F32	17 Nov 2018	91	12.82	88.72	6.3	33.56	8.0	25.3	0.21
F32	17 Nov 2018	92	12.79	88.70	6.2	33.57	8.0	25.3	0.19
F32	17 Nov 2018	93	12.73	88.56	6.2	33.57	8.0	25.3	0.17
F32	17 Nov 2018	94	12.69	88.26	6.2	33.57	8.0	25.3	0.17
F32	17 Nov 2018	95	12.64	88.11	6.1	33.57	8.0	25.4	0.16
F32	17 Nov 2018	96	12.64	88.04	6.1	33.57	8.0	25.4	0.16
F32	17 Nov 2018	97	12.58	87.74	6.0	33.57	8.0	25.4	0.15
F32	17 Nov 2018	98	12.52	87.43	6.0	33.57	8.0	25.4	0.16
F32	17 Nov 2018	99	12.48	87.27	6.0	33.58	8.0	25.4	0.15
F32	17 Nov 2018	100	12.44	87.15	5.9	33.58	8.0	25.4	0.15
F32	17 Nov 2018	101	12.38	87.23	5.9	33.58	7.9	25.4	0.15
F33	17 Nov 2018	1	18.63	88.41	7.7	33.75	8.2	24.2	0.13
F33	17 Nov 2018	2	18.63	88.50	7.7	33.75	8.2	24.2	0.12
F33	17 Nov 2018	3	18.63	88.56	7.7	33.75	8.2	24.2	0.12
F33	17 Nov 2018	4	18.63	88.57	7.7	33.75	8.2	24.2	0.12
F33	17 Nov 2018	5	18.63	88.56	7.7	33.75	8.2	24.2	0.12
F33	17 Nov 2018	6	18.63	88.56	7.7	33.75	8.2	24.2	0.14
F33	17 Nov 2018	7	18.62	88.50	7.7	33.75	8.2	24.2	0.14
F33	17 Nov 2018	8	18.62	88.55	7.7	33.75	8.2	24.2	0.15
F33	17 Nov 2018	9	18.62	88.56	7.7	33.75	8.2	24.2	0.15
F33	17 Nov 2018	10	18.61	88.56	7.7	33.75	8.2	24.2	0.16
F33	17 Nov 2018	11	18.61	88.58	7.7	33.75	8.2	24.2	0.17
F33	17 Nov 2018	12	18.60	88.60	7.7	33.75	8.2	24.2	0.17
F33	17 Nov 2018	13	18.60	88.58	7.7	33.75	8.2	24.2	0.18
F33	17 Nov 2018	14	18.60	88.60	7.7	33.75	8.2	24.2	0.19
F33	17 Nov 2018	15	18.60	88.59	7.7	33.75	8.2	24.2	0.20
F33	17 Nov 2018	16	18.60	88.58	7.7	33.75	8.2	24.2	0.21
F33	17 Nov 2018	17	18.60	88.61	7.7	33.75	8.2	24.2	0.21
F33	17 Nov 2018	18	18.59	88.60	7.7	33.75	8.2	24.2	0.21
F33	17 Nov 2018	19	18.57	88.56	7.7	33.74	8.2	24.2	0.22
F33	17 Nov 2018	20	18.56	88.63	7.7	33.74	8.2	24.2	0.24
F33	17 Nov 2018	21	18.48	88.71	7.7	33.73	8.2	24.2	0.24
F33	17 Nov 2018	22	18.35	88.71	7.8	33.71	8.2	24.2	0.26
F33	17 Nov 2018	23	18.24	88.82	7.8	33.70	8.2	24.2	0.27
F33	17 Nov 2018	24	18.19	88.86	7.8	33.69	8.2	24.2	0.27
F33	17 Nov 2018	25	18.14	88.86	7.8	33.68	8.2	24.2	0.28
F33	17 Nov 2018	26	18.02	88.87	7.8	33.67	8.2	24.3	0.31
F33	17 Nov 2018	27	17.71	88.83	7.9	33.65	8.2	24.3	0.33
F33	17 Nov 2018	28	17.48	88.71	8.0	33.63	8.2	24.4	0.37
F33	17 Nov 2018	29	17.39	88.65	8.0	33.62	8.2	24.4	0.41
F33	17 Nov 2018	30	17.23	88.53	8.0	33.61	8.2	24.4	0.45
F33	17 Nov 2018	31	17.01	88.45	8.1	33.60	8.2	24.4	0.48
F33	17 Nov 2018	32	16.92	88.40	8.1	33.59	8.2	24.5	0.52
F33	17 Nov 2018	33	16.90	88.31	8.1	33.59	8.2	24.5	0.54
F33	17 Nov 2018	34	16.80	88.24	8.1	33.59	8.2	24.5	0.62
F33	17 Nov 2018	35	16.57	88.20	8.1	33.58	8.1	24.5	0.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	17 Nov 2018	36	16.48	88.07	8.1	33.58	8.1	24.5	0.88
F33	17 Nov 2018	37	16.43	87.72	8.1	33.57	8.1	24.6	0.97
F33	17 Nov 2018	38	16.40	87.65	8.1	33.57	8.1	24.6	1.09
F33	17 Nov 2018	39	16.34	87.60	8.0	33.57	8.1	24.6	1.25
F33	17 Nov 2018	40	16.21	87.45	7.9	33.57	8.1	24.6	1.29
F33	17 Nov 2018	41	15.94	87.57	7.8	33.55	8.1	24.6	1.23
F33	17 Nov 2018	42	15.69	88.06	7.9	33.54	8.1	24.7	1.27
F33	17 Nov 2018	43	15.60	87.96	8.0	33.55	8.1	24.7	1.38
F33	17 Nov 2018	44	15.58	87.77	8.1	33.54	8.1	24.7	1.40
F33	17 Nov 2018	45	15.53	87.62	8.0	33.54	8.1	24.7	1.44
F33	17 Nov 2018	46	15.50	87.59	8.0	33.54	8.1	24.7	1.43
F33	17 Nov 2018	47	15.47	87.60	8.0	33.54	8.1	24.7	1.45
F33	17 Nov 2018	48	15.43	87.60	8.0	33.54	8.1	24.8	1.44
F33	17 Nov 2018	49	15.28	87.68	8.0	33.53	8.1	24.8	1.39
F33	17 Nov 2018	50	15.18	87.93	7.9	33.53	8.1	24.8	1.28
F33	17 Nov 2018	51	15.16	88.05	7.9	33.53	8.1	24.8	1.21
F33	17 Nov 2018	52	14.90	88.11	7.8	33.52	8.1	24.9	1.13
F33	17 Nov 2018	53	14.59	88.31	7.8	33.52	8.1	24.9	1.04
F33	17 Nov 2018	54	14.36	88.57	7.8	33.51	8.1	25.0	0.97
F33	17 Nov 2018	55	14.28	88.77	7.7	33.51	8.1	25.0	0.91
F33	17 Nov 2018	56	14.27	88.77	7.7	33.51	8.1	25.0	0.89
F33	17 Nov 2018	57	14.27	88.75	7.7	33.51	8.1	25.0	0.87
F33	17 Nov 2018	58	14.26	88.82	7.7	33.51	8.1	25.0	0.88
F33	17 Nov 2018	59	14.25	88.83	7.6	33.51	8.1	25.0	0.87
F33	17 Nov 2018	60	14.11	88.83	7.6	33.52	8.1	25.0	0.82
F33	17 Nov 2018	61	13.94	88.98	7.6	33.52	8.1	25.1	0.76
F33	17 Nov 2018	62	13.92	89.06	7.6	33.52	8.1	25.1	0.77
F33	17 Nov 2018	63	13.90	89.08	7.5	33.52	8.1	25.1	0.71
F33	17 Nov 2018	64	13.82	89.11	7.5	33.52	8.1	25.1	0.69
F33	17 Nov 2018	65	13.78	89.18	7.5	33.52	8.1	25.1	0.66
F33	17 Nov 2018	66	13.77	89.20	7.5	33.52	8.1	25.1	0.67
F33	17 Nov 2018	67	13.77	89.20	7.5	33.52	8.1	25.1	0.65
F33	17 Nov 2018	68	13.75	89.21	7.5	33.52	8.1	25.1	0.64
F33	17 Nov 2018	69	13.71	89.23	7.4	33.52	8.1	25.1	0.63
F33	17 Nov 2018	70	13.66	89.24	7.3	33.53	8.1	25.1	0.62
F33	17 Nov 2018	71	13.59	89.24	7.2	33.54	8.1	25.1	0.59
F33	17 Nov 2018	72	13.56	89.23	7.1	33.54	8.0	25.2	0.54
F33	17 Nov 2018	73	13.53	89.23	7.0	33.54	8.0	25.2	0.52
F33	17 Nov 2018	74	13.51	89.24	7.0	33.55	8.0	25.2	0.49
F33	17 Nov 2018	75	13.51	89.22	6.9	33.55	8.0	25.2	0.47
F33	17 Nov 2018	76	13.50	89.18	6.9	33.55	8.0	25.2	0.45
F33	17 Nov 2018	77	13.49	89.15	6.9	33.55	8.0	25.2	0.44
F33	17 Nov 2018	78	13.48	89.13	6.9	33.55	8.0	25.2	0.43
F33	17 Nov 2018	79	13.48	89.16	6.9	33.55	8.0	25.2	0.42
F33	17 Nov 2018	80	13.42	89.14	6.9	33.55	8.0	25.2	0.40
F33	17 Nov 2018	81	13.40	89.19	6.9	33.55	8.0	25.2	0.40
F33	17 Nov 2018	82	13.38	89.22	6.9	33.55	8.0	25.2	0.39
F33	17 Nov 2018	83	13.35	89.17	6.8	33.56	8.0	25.2	0.39
F33	17 Nov 2018	84	13.28	89.14	6.7	33.56	8.0	25.2	0.37
F33	17 Nov 2018	85	13.18	89.19	6.7	33.56	8.0	25.2	0.35
F33	17 Nov 2018	86	13.12	89.20	6.6	33.56	8.0	25.3	0.33
F33	17 Nov 2018	87	13.11	89.15	6.5	33.56	8.0	25.3	0.32
F33	17 Nov 2018	88	13.06	89.11	6.5	33.56	8.0	25.3	0.30
F33	17 Nov 2018	89	13.03	89.08	6.5	33.56	8.0	25.3	0.29
F33	17 Nov 2018	90	12.96	89.12	6.5	33.56	8.0	25.3	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	17 Nov 2018	91	12.89	89.01	6.4	33.56	8.0	25.3	0.24
F33	17 Nov 2018	92	12.75	88.93	6.2	33.57	8.0	25.3	0.20
F33	17 Nov 2018	93	12.65	88.66	6.2	33.57	8.0	25.4	0.18
F33	17 Nov 2018	94	12.63	88.32	6.1	33.57	8.0	25.4	0.17
F33	17 Nov 2018	95	12.61	88.13	6.1	33.57	8.0	25.4	0.17
F33	17 Nov 2018	96	12.58	87.90	6.0	33.57	8.0	25.4	0.16
F33	17 Nov 2018	97	12.51	87.52	6.0	33.57	8.0	25.4	0.16
F33	17 Nov 2018	98	12.40	87.02	5.9	33.58	7.9	25.4	0.15
F33	17 Nov 2018	99	12.33	86.64	5.9	33.58	7.9	25.4	0.15
F33	17 Nov 2018	100	12.31	86.19	5.8	33.58	7.9	25.4	0.16
F33	17 Nov 2018	101	12.25	86.25	5.8	33.59	7.9	25.4	0.15
F33	17 Nov 2018	102	12.31	86.28	5.8	33.59	7.9	25.4	0.16
F34	17 Nov 2018	1	18.62	88.50	7.7	33.75	8.2	24.2	0.16
F34	17 Nov 2018	2	18.62	88.51	7.7	33.75	8.2	24.2	0.15
F34	17 Nov 2018	3	18.62	88.51	7.7	33.75	8.2	24.2	0.13
F34	17 Nov 2018	4	18.62	88.51	7.7	33.75	8.2	24.2	0.14
F34	17 Nov 2018	5	18.61	88.53	7.7	33.75	8.2	24.2	0.14
F34	17 Nov 2018	6	18.61	88.50	7.7	33.75	8.2	24.2	0.15
F34	17 Nov 2018	7	18.61	88.51	7.7	33.75	8.2	24.2	0.16
F34	17 Nov 2018	8	18.61	88.48	7.7	33.75	8.2	24.2	0.17
F34	17 Nov 2018	9	18.60	88.53	7.7	33.75	8.2	24.2	0.17
F34	17 Nov 2018	10	18.60	88.51	7.7	33.75	8.2	24.2	0.19
F34	17 Nov 2018	11	18.60	88.52	7.7	33.75	8.2	24.2	0.19
F34	17 Nov 2018	12	18.60	88.50	7.7	33.75	8.2	24.2	0.19
F34	17 Nov 2018	13	18.60	88.51	7.7	33.75	8.2	24.2	0.20
F34	17 Nov 2018	14	18.59	88.51	7.7	33.75	8.2	24.2	0.21
F34	17 Nov 2018	15	18.58	88.54	7.7	33.74	8.2	24.2	0.21
F34	17 Nov 2018	16	18.57	88.51	7.7	33.74	8.2	24.2	0.23
F34	17 Nov 2018	17	18.54	88.55	7.7	33.74	8.2	24.2	0.22
F34	17 Nov 2018	18	18.52	88.56	7.7	33.73	8.2	24.2	0.22
F34	17 Nov 2018	19	18.50	88.63	7.7	33.73	8.2	24.2	0.23
F34	17 Nov 2018	20	18.49	88.64	7.7	33.73	8.2	24.2	0.24
F34	17 Nov 2018	21	18.47	88.68	7.7	33.73	8.2	24.2	0.25
F34	17 Nov 2018	22	18.43	88.70	7.7	33.72	8.2	24.2	0.25
F34	17 Nov 2018	23	18.41	88.75	7.7	33.72	8.2	24.2	0.26
F34	17 Nov 2018	24	18.37	88.73	7.7	33.71	8.2	24.2	0.27
F34	17 Nov 2018	25	18.28	88.73	7.8	33.70	8.2	24.2	0.29
F34	17 Nov 2018	26	18.21	88.74	7.8	33.69	8.2	24.2	0.30
F34	17 Nov 2018	27	18.16	88.74	7.8	33.69	8.2	24.2	0.30
F34	17 Nov 2018	28	18.14	88.77	7.8	33.68	8.2	24.2	0.31
F34	17 Nov 2018	29	18.12	88.79	7.8	33.68	8.2	24.2	0.32
F34	17 Nov 2018	30	18.03	88.80	7.8	33.68	8.2	24.3	0.33
F34	17 Nov 2018	31	17.82	88.69	7.8	33.66	8.2	24.3	0.35
F34	17 Nov 2018	32	17.38	88.73	7.9	33.63	8.2	24.4	0.43
F34	17 Nov 2018	33	17.03	88.51	8.0	33.61	8.2	24.4	0.48
F34	17 Nov 2018	34	16.76	88.30	8.1	33.59	8.2	24.5	0.59
F34	17 Nov 2018	35	16.56	88.22	8.1	33.58	8.2	24.5	0.74
F34	17 Nov 2018	36	16.48	88.00	8.1	33.57	8.1	24.5	0.89
F34	17 Nov 2018	37	16.42	87.78	8.1	33.57	8.1	24.6	1.01
F34	17 Nov 2018	38	16.35	87.68	8.0	33.57	8.1	24.6	1.12
F34	17 Nov 2018	39	16.26	87.67	8.0	33.56	8.1	24.6	1.17
F34	17 Nov 2018	40	16.09	87.62	7.9	33.56	8.1	24.6	1.23
F34	17 Nov 2018	41	15.83	87.74	7.9	33.55	8.1	24.7	1.30
F34	17 Nov 2018	42	15.67	87.84	8.0	33.54	8.1	24.7	1.33

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	17 Nov 2018	43	15.53	87.78	8.0	33.54	8.1	24.7	1.33
F34	17 Nov 2018	44	15.43	87.81	8.0	33.54	8.1	24.7	1.30
F34	17 Nov 2018	45	15.41	87.86	8.0	33.53	8.1	24.8	1.37
F34	17 Nov 2018	46	15.41	87.87	8.0	33.53	8.1	24.8	1.38
F34	17 Nov 2018	47	15.40	87.83	8.0	33.53	8.1	24.8	1.36
F34	17 Nov 2018	48	15.36	87.78	7.9	33.53	8.1	24.8	1.35
F34	17 Nov 2018	49	15.23	87.78	7.9	33.53	8.1	24.8	1.37
F34	17 Nov 2018	50	15.10	87.98	7.8	33.53	8.1	24.8	1.23
F34	17 Nov 2018	51	14.87	88.16	7.8	33.52	8.1	24.9	1.14
F34	17 Nov 2018	52	14.59	88.33	7.8	33.51	8.1	24.9	1.05
F34	17 Nov 2018	53	14.41	88.51	7.8	33.51	8.1	24.9	0.99
F34	17 Nov 2018	54	14.28	88.66	7.7	33.51	8.1	25.0	0.93
F34	17 Nov 2018	55	14.26	88.74	7.7	33.51	8.1	25.0	0.92
F34	17 Nov 2018	56	14.24	88.79	7.7	33.51	8.1	25.0	0.89
F34	17 Nov 2018	57	14.24	88.81	7.7	33.51	8.1	25.0	0.89
F34	17 Nov 2018	58	14.23	88.83	7.7	33.51	8.1	25.0	0.87
F34	17 Nov 2018	59	14.22	88.79	7.6	33.51	8.1	25.0	0.87
F34	17 Nov 2018	60	14.17	88.83	7.6	33.52	8.1	25.0	0.87
F34	17 Nov 2018	61	14.12	88.83	7.6	33.52	8.1	25.0	0.87
F34	17 Nov 2018	62	14.04	88.88	7.6	33.52	8.1	25.0	0.83
F34	17 Nov 2018	63	13.93	88.97	7.5	33.52	8.1	25.1	0.77
F34	17 Nov 2018	64	13.78	89.07	7.4	33.52	8.1	25.1	0.71
F34	17 Nov 2018	65	13.64	89.15	7.1	33.54	8.1	25.1	0.59
F34	17 Nov 2018	66	13.63	89.08	6.9	33.55	8.0	25.1	0.52
F34	17 Nov 2018	67	13.63	89.05	6.9	33.55	8.0	25.1	0.49
F34	17 Nov 2018	68	13.63	89.03	6.9	33.55	8.0	25.1	0.47
F34	17 Nov 2018	69	13.63	89.04	6.8	33.55	8.0	25.1	0.47
F34	17 Nov 2018	70	13.63	89.02	6.9	33.55	8.0	25.1	0.47
F34	17 Nov 2018	71	13.63	89.03	6.8	33.55	8.0	25.1	0.46
F34	17 Nov 2018	72	13.63	89.04	6.8	33.55	8.0	25.1	0.46
F34	17 Nov 2018	73	13.63	89.01	6.8	33.55	8.0	25.1	0.45
F34	17 Nov 2018	74	13.63	89.00	6.8	33.56	8.0	25.1	0.43
F34	17 Nov 2018	75	13.60	89.02	6.8	33.56	8.0	25.2	0.43
F34	17 Nov 2018	76	13.55	88.99	6.8	33.56	8.0	25.2	0.42
F34	17 Nov 2018	77	13.54	89.01	6.8	33.56	8.0	25.2	0.41
F34	17 Nov 2018	78	13.48	89.04	6.8	33.56	8.0	25.2	0.41
F34	17 Nov 2018	79	13.39	89.13	6.9	33.55	8.0	25.2	0.40
F34	17 Nov 2018	80	13.37	89.17	6.9	33.55	8.0	25.2	0.40
F34	17 Nov 2018	81	13.34	89.20	6.9	33.55	8.0	25.2	0.38
F34	17 Nov 2018	82	13.26	89.20	6.8	33.55	8.0	25.2	0.34
F34	17 Nov 2018	83	13.17	89.13	6.8	33.55	8.0	25.2	0.32
F34	17 Nov 2018	84	13.10	89.03	6.7	33.55	8.0	25.2	0.26
F34	17 Nov 2018	85	12.98	88.99	6.6	33.55	8.0	25.3	0.24
F34	17 Nov 2018	86	12.85	88.85	6.6	33.56	8.0	25.3	0.22
F34	17 Nov 2018	87	12.81	88.83	6.5	33.56	8.0	25.3	0.22
F34	17 Nov 2018	88	12.80	88.68	6.4	33.56	8.0	25.3	0.22
F34	17 Nov 2018	89	12.80	88.59	6.4	33.56	8.0	25.3	0.22
F34	17 Nov 2018	90	12.79	88.55	6.4	33.56	8.0	25.3	0.22
F34	17 Nov 2018	91	12.79	88.51	6.4	33.56	8.0	25.3	0.23
F34	17 Nov 2018	92	12.79	88.48	6.3	33.56	8.0	25.3	0.22
F34	17 Nov 2018	93	12.76	88.60	6.3	33.56	8.0	25.3	0.22
F34	17 Nov 2018	94	12.70	88.60	6.3	33.57	8.0	25.3	0.21
F34	17 Nov 2018	95	12.67	88.44	6.2	33.57	8.0	25.3	0.20
F34	17 Nov 2018	96	12.65	88.24	6.2	33.57	8.0	25.4	0.19
F34	17 Nov 2018	97	12.64	87.93	6.2	33.57	8.0	25.4	0.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	17 Nov 2018	98	12.61	87.75	6.1	33.57	8.0	25.4	0.18
F34	17 Nov 2018	99	12.52	87.09	6.0	33.58	8.0	25.4	0.17
F34	17 Nov 2018	100	12.32	63.01	5.8	33.58	7.9	25.4	0.20
F34	17 Nov 2018	101	12.32	48.75	5.8	33.58	7.9	25.4	0.22
F35	17 Nov 2018	1	18.68	88.45	7.6	33.76	8.1	24.2	0.15
F35	17 Nov 2018	2	18.67	88.50	7.7	33.76	8.1	24.2	0.15
F35	17 Nov 2018	3	18.67	88.60	7.7	33.76	8.1	24.2	0.16
F35	17 Nov 2018	4	18.67	88.61	7.7	33.76	8.1	24.2	0.16
F35	17 Nov 2018	5	18.67	88.61	7.6	33.76	8.1	24.2	0.17
F35	17 Nov 2018	6	18.67	88.62	7.6	33.76	8.2	24.2	0.17
F35	17 Nov 2018	7	18.67	88.61	7.6	33.76	8.2	24.2	0.18
F35	17 Nov 2018	8	18.67	88.58	7.6	33.76	8.2	24.2	0.18
F35	17 Nov 2018	9	18.66	88.59	7.7	33.76	8.2	24.2	0.19
F35	17 Nov 2018	10	18.66	88.60	7.7	33.76	8.2	24.2	0.19
F35	17 Nov 2018	11	18.66	88.63	7.7	33.76	8.2	24.2	0.20
F35	17 Nov 2018	12	18.65	88.58	7.6	33.76	8.2	24.2	0.20
F35	17 Nov 2018	13	18.65	88.62	7.6	33.76	8.2	24.2	0.21
F35	17 Nov 2018	14	18.64	88.58	7.7	33.75	8.2	24.2	0.21
F35	17 Nov 2018	15	18.57	88.62	7.7	33.74	8.2	24.2	0.21
F35	17 Nov 2018	16	18.51	88.62	7.7	33.73	8.1	24.2	0.22
F35	17 Nov 2018	17	18.47	88.62	7.7	33.72	8.1	24.2	0.22
F35	17 Nov 2018	18	18.46	88.59	7.7	33.72	8.1	24.2	0.23
F35	17 Nov 2018	19	18.46	88.68	7.7	33.72	8.1	24.2	0.24
F35	17 Nov 2018	20	18.46	88.66	7.7	33.72	8.1	24.2	0.24
F35	17 Nov 2018	21	18.45	88.47	7.8	33.72	8.1	24.2	0.26
F35	17 Nov 2018	22	18.44	88.72	7.8	33.72	8.1	24.2	0.27
F35	17 Nov 2018	23	18.42	88.71	7.7	33.72	8.1	24.2	0.27
F35	17 Nov 2018	24	18.32	88.81	7.7	33.70	8.1	24.2	0.28
F35	17 Nov 2018	25	18.20	88.84	7.7	33.69	8.1	24.2	0.29
F35	17 Nov 2018	26	17.83	88.87	7.8	33.66	8.1	24.3	0.32
F35	17 Nov 2018	27	17.44	88.77	8.0	33.63	8.1	24.4	0.39
F35	17 Nov 2018	28	17.26	88.63	8.0	33.62	8.1	24.4	0.45
F35	17 Nov 2018	29	17.17	88.52	8.1	33.61	8.1	24.4	0.51
F35	17 Nov 2018	30	17.11	88.36	8.1	33.60	8.1	24.4	0.54
F35	17 Nov 2018	31	17.06	88.34	8.0	33.60	8.1	24.4	0.57
F35	17 Nov 2018	32	17.02	88.39	8.0	33.60	8.1	24.4	0.60
F35	17 Nov 2018	33	16.93	88.35	8.0	33.60	8.1	24.5	0.63
F35	17 Nov 2018	34	16.78	88.26	8.0	33.59	8.1	24.5	0.72
F35	17 Nov 2018	35	16.66	88.22	8.0	33.59	8.1	24.5	0.82
F35	17 Nov 2018	36	16.57	88.12	8.1	33.58	8.1	24.5	0.90
F35	17 Nov 2018	37	16.47	87.96	8.1	33.58	8.1	24.5	0.95
F35	17 Nov 2018	38	16.38	87.89	8.0	33.57	8.1	24.6	1.06
F35	17 Nov 2018	39	16.16	87.81	7.9	33.56	8.1	24.6	1.17
F35	17 Nov 2018	40	15.85	87.79	7.8	33.55	8.1	24.7	1.16
F35	17 Nov 2018	41	15.59	87.95	7.8	33.54	8.1	24.7	1.16
F35	17 Nov 2018	42	15.46	88.05	7.7	33.53	8.1	24.7	1.13
F35	17 Nov 2018	43	15.37	88.12	7.7	33.53	8.1	24.8	1.06
F35	17 Nov 2018	44	15.26	88.24	7.8	33.53	8.1	24.8	1.09
F35	17 Nov 2018	45	15.22	88.29	7.9	33.53	8.1	24.8	1.05
F35	17 Nov 2018	46	15.21	88.32	7.9	33.53	8.1	24.8	1.08
F35	17 Nov 2018	47	15.16	88.28	7.9	33.53	8.1	24.8	1.08
F35	17 Nov 2018	48	15.10	88.28	7.9	33.53	8.1	24.8	1.07
F35	17 Nov 2018	49	15.05	88.31	7.9	33.53	8.1	24.8	1.07
F35	17 Nov 2018	50	15.00	88.32	7.8	33.53	8.1	24.8	1.06

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	17 Nov 2018	51	14.78	88.35	7.8	33.52	8.1	24.9	0.96
F35	17 Nov 2018	52	14.59	88.64	7.7	33.52	8.1	24.9	0.87
F35	17 Nov 2018	53	14.46	88.82	7.7	33.52	8.1	24.9	0.84
F35	17 Nov 2018	54	14.39	88.83	7.7	33.52	8.1	25.0	0.84
F35	17 Nov 2018	55	14.31	88.87	7.6	33.52	8.1	25.0	0.83
F35	17 Nov 2018	56	14.11	88.86	7.6	33.52	8.1	25.0	0.79
F35	17 Nov 2018	57	14.03	88.93	7.6	33.52	8.1	25.0	0.77
F35	17 Nov 2018	58	14.02	88.98	7.6	33.52	8.1	25.0	0.75
F35	17 Nov 2018	59	14.03	89.04	7.6	33.52	8.1	25.0	0.74
F35	17 Nov 2018	60	13.99	89.07	7.5	33.52	8.1	25.0	0.73
F35	17 Nov 2018	61	13.86	89.07	7.5	33.52	8.1	25.1	0.69
F35	17 Nov 2018	62	13.79	89.14	7.5	33.52	8.1	25.1	0.66
F35	17 Nov 2018	63	13.78	89.17	7.4	33.52	8.1	25.1	0.64
F35	17 Nov 2018	64	13.70	89.21	7.3	33.53	8.1	25.1	0.60
F35	17 Nov 2018	65	13.57	89.22	7.3	33.53	8.0	25.1	0.56
F35	17 Nov 2018	66	13.43	89.32	7.2	33.53	8.0	25.2	0.54
F35	17 Nov 2018	67	13.40	89.36	7.2	33.54	8.0	25.2	0.52
F35	17 Nov 2018	68	13.40	89.36	7.1	33.54	8.0	25.2	0.49
F35	17 Nov 2018	69	13.40	89.34	7.0	33.54	8.0	25.2	0.48
F35	17 Nov 2018	70	13.39	89.31	6.9	33.55	8.0	25.2	0.46
F35	17 Nov 2018	71	13.36	89.27	6.9	33.55	8.0	25.2	0.45
F35	17 Nov 2018	72	13.33	89.27	6.9	33.55	8.0	25.2	0.45
F35	17 Nov 2018	73	13.32	89.30	6.8	33.55	8.0	25.2	0.46
F35	17 Nov 2018	74	13.32	89.30	6.8	33.55	8.0	25.2	0.43
F35	17 Nov 2018	75	13.32	89.07	6.7	33.56	8.0	25.2	0.40
F35	17 Nov 2018	76	13.31	89.14	6.7	33.56	8.0	25.2	0.42
F35	17 Nov 2018	77	13.31	89.17	6.7	33.56	8.0	25.2	0.38
F35	17 Nov 2018	78	13.31	89.15	6.7	33.56	8.0	25.2	0.37
F35	17 Nov 2018	79	13.30	89.17	6.7	33.56	8.0	25.2	0.36
F35	17 Nov 2018	80	13.29	89.15	6.7	33.56	8.0	25.2	0.36
F35	17 Nov 2018	81	13.27	89.13	6.7	33.56	8.0	25.2	0.37
F35	17 Nov 2018	82	13.20	89.14	6.7	33.56	8.0	25.2	0.34
F35	17 Nov 2018	83	13.15	89.15	6.6	33.56	8.0	25.2	0.33
F35	17 Nov 2018	84	13.13	89.15	6.6	33.56	8.0	25.3	0.32
F35	17 Nov 2018	85	13.10	89.12	6.5	33.56	8.0	25.3	0.32
F35	17 Nov 2018	86	13.05	88.92	6.5	33.56	8.0	25.3	0.31
F35	17 Nov 2018	87	12.97	89.04	6.4	33.56	8.0	25.3	0.28
F35	17 Nov 2018	88	12.87	89.01	6.5	33.56	8.0	25.3	0.27
F35	17 Nov 2018	89	12.82	89.16	6.5	33.55	8.0	25.3	0.24
F35	17 Nov 2018	90	12.80	89.16	6.6	33.55	8.0	25.3	0.21
F35	17 Nov 2018	91	12.77	89.16	6.6	33.55	8.0	25.3	0.20
F35	17 Nov 2018	92	12.74	89.12	6.5	33.55	8.0	25.3	0.18
F35	17 Nov 2018	93	12.66	89.03	6.5	33.55	8.0	25.3	0.18
F35	17 Nov 2018	94	12.60	88.93	6.4	33.55	8.0	25.4	0.17
F35	17 Nov 2018	95	12.58	88.77	6.4	33.55	8.0	25.4	0.17
F35	17 Nov 2018	96	12.53	88.67	6.3	33.56	8.0	25.4	0.15
F35	17 Nov 2018	97	12.49	88.22	6.2	33.56	8.0	25.4	0.16
F35	17 Nov 2018	98	12.37	87.67	6.1	33.57	7.9	25.4	0.15
F35	17 Nov 2018	99	12.25	87.25	6.0	33.57	7.9	25.4	0.13
F35	17 Nov 2018	100	12.26	85.44	6.0	33.57	7.9	25.4	0.14
F35	17 Nov 2018	101	12.28	86.34	6.0	33.57	7.9	25.4	0.12
F36	17 Nov 2018	1	18.72	88.42	7.6	33.76	8.2	24.1	0.14
F36	17 Nov 2018	2	18.70	88.47	7.7	33.76	8.2	24.1	0.14
F36	17 Nov 2018	3	18.70	88.35	7.7	33.76	8.1	24.1	0.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F36	17 Nov 2018	4	18.69	88.51	7.7	33.76	8.1	24.1	0.16
F36	17 Nov 2018	5	18.69	88.46	7.7	33.76	8.1	24.1	0.17
F36	17 Nov 2018	6	18.69	88.43	7.7	33.76	8.1	24.1	0.18
F36	17 Nov 2018	7	18.69	88.48	7.7	33.76	8.1	24.1	0.18
F36	17 Nov 2018	8	18.69	88.46	7.7	33.76	8.1	24.1	0.20
F36	17 Nov 2018	9	18.69	88.52	7.7	33.76	8.1	24.1	0.20
F36	17 Nov 2018	10	18.69	88.44	7.7	33.76	8.1	24.1	0.21
F36	17 Nov 2018	11	18.68	88.54	7.7	33.76	8.2	24.2	0.22
F36	17 Nov 2018	12	18.67	88.51	7.7	33.75	8.2	24.2	0.22
F36	17 Nov 2018	13	18.63	88.53	7.7	33.75	8.2	24.2	0.23
F36	17 Nov 2018	14	18.57	88.61	7.7	33.74	8.1	24.2	0.22
F36	17 Nov 2018	15	18.55	88.60	7.7	33.73	8.1	24.2	0.24
F36	17 Nov 2018	16	18.52	88.64	7.7	33.73	8.1	24.2	0.22
F36	17 Nov 2018	17	18.52	88.64	7.7	33.73	8.1	24.2	0.24
F36	17 Nov 2018	18	18.51	88.68	7.7	33.73	8.1	24.2	0.25
F36	17 Nov 2018	19	18.50	88.68	7.7	33.73	8.2	24.2	0.23
F36	17 Nov 2018	20	18.48	88.68	7.7	33.73	8.1	24.2	0.24
F36	17 Nov 2018	21	18.45	88.67	7.7	33.72	8.1	24.2	0.26
F36	17 Nov 2018	22	18.40	88.66	7.7	33.72	8.1	24.2	0.27
F36	17 Nov 2018	23	18.35	88.75	7.7	33.71	8.1	24.2	0.27
F36	17 Nov 2018	24	18.26	88.76	7.8	33.70	8.1	24.2	0.28
F36	17 Nov 2018	25	18.14	88.76	7.8	33.69	8.1	24.2	0.30
F36	17 Nov 2018	26	17.78	88.73	7.8	33.66	8.1	24.3	0.34
F36	17 Nov 2018	27	17.49	88.67	7.9	33.64	8.1	24.4	0.38
F36	17 Nov 2018	28	17.26	88.53	8.0	33.62	8.1	24.4	0.44
F36	17 Nov 2018	29	17.11	88.41	8.0	33.61	8.1	24.4	0.50
F36	17 Nov 2018	30	16.92	88.35	8.1	33.60	8.1	24.5	0.57
F36	17 Nov 2018	31	16.81	88.27	8.1	33.59	8.1	24.5	0.63
F36	17 Nov 2018	32	16.78	88.31	8.1	33.59	8.1	24.5	0.67
F36	17 Nov 2018	33	16.77	88.22	8.1	33.59	8.1	24.5	0.69
F36	17 Nov 2018	34	16.70	88.13	8.1	33.59	8.1	24.5	0.75
F36	17 Nov 2018	35	16.61	87.96	8.1	33.58	8.1	24.5	0.90
F36	17 Nov 2018	36	16.55	87.66	8.1	33.58	8.1	24.5	0.94
F36	17 Nov 2018	37	16.50	87.89	8.1	33.58	8.1	24.5	0.96
F36	17 Nov 2018	38	16.44	87.93	8.1	33.58	8.1	24.6	0.97
F36	17 Nov 2018	39	16.31	87.90	8.0	33.57	8.1	24.6	1.04
F36	17 Nov 2018	40	15.83	87.76	7.9	33.56	8.1	24.7	1.13
F36	17 Nov 2018	41	15.49	87.95	7.9	33.54	8.1	24.7	1.18
F36	17 Nov 2018	42	15.30	88.03	7.9	33.54	8.1	24.8	1.13
F36	17 Nov 2018	43	15.19	88.23	7.9	33.53	8.1	24.8	1.09
F36	17 Nov 2018	44	15.15	88.21	7.9	33.53	8.1	24.8	1.13
F36	17 Nov 2018	45	15.13	88.34	7.9	33.53	8.1	24.8	1.07
F36	17 Nov 2018	46	15.11	88.36	7.9	33.53	8.1	24.8	1.11
F36	17 Nov 2018	47	15.01	88.41	7.8	33.53	8.1	24.8	1.07
F36	17 Nov 2018	48	14.72	88.59	7.7	33.53	8.1	24.9	0.98
F36	17 Nov 2018	49	14.52	88.86	7.7	33.52	8.1	24.9	0.91
F36	17 Nov 2018	50	14.33	88.88	7.7	33.52	8.1	25.0	0.85
F36	17 Nov 2018	51	14.24	88.89	7.6	33.52	8.1	25.0	0.89
F36	17 Nov 2018	52	14.15	88.86	7.6	33.52	8.1	25.0	0.82
F36	17 Nov 2018	53	13.99	88.98	7.6	33.52	8.1	25.0	0.77
F36	17 Nov 2018	54	13.94	89.08	7.5	33.52	8.1	25.1	0.73
F36	17 Nov 2018	55	13.89	89.10	7.5	33.52	8.1	25.1	0.70
F36	17 Nov 2018	56	13.80	89.17	7.4	33.53	8.1	25.1	0.67
F36	17 Nov 2018	57	13.75	89.19	7.4	33.53	8.1	25.1	0.62
F36	17 Nov 2018	58	13.68	89.23	7.4	33.53	8.1	25.1	0.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F36	17 Nov 2018	59	13.67	89.24	7.3	33.53	8.1	25.1	0.58
F36	17 Nov 2018	60	13.66	89.27	7.4	33.53	8.1	25.1	0.57
F36	17 Nov 2018	61	13.66	89.29	7.3	33.53	8.1	25.1	0.57
F36	17 Nov 2018	62	13.66	89.27	7.3	33.53	8.1	25.1	0.57
F36	17 Nov 2018	63	13.66	89.29	7.4	33.53	8.1	25.1	0.56
F36	17 Nov 2018	64	13.66	89.30	7.3	33.53	8.0	25.1	0.57
F36	17 Nov 2018	65	13.65	89.30	7.3	33.53	8.0	25.1	0.57
F36	17 Nov 2018	66	13.54	89.31	7.2	33.54	8.0	25.2	0.53
F36	17 Nov 2018	67	13.43	89.30	7.1	33.54	8.0	25.2	0.52
F36	17 Nov 2018	68	13.42	89.26	7.0	33.55	8.0	25.2	0.48
F36	17 Nov 2018	69	13.40	89.20	6.9	33.55	8.0	25.2	0.47
F36	17 Nov 2018	70	13.37	89.24	6.9	33.55	8.0	25.2	0.46
F36	17 Nov 2018	71	13.33	89.34	6.9	33.55	8.0	25.2	0.43
F36	17 Nov 2018	72	13.31	89.38	6.8	33.56	8.0	25.2	0.42
F36	17 Nov 2018	73	13.29	89.38	6.8	33.56	8.0	25.2	0.39
F36	17 Nov 2018	74	13.25	89.39	6.7	33.56	8.0	25.2	0.37
F36	17 Nov 2018	75	13.15	89.36	6.5	33.57	8.0	25.3	0.33
F36	17 Nov 2018	76	13.07	89.26	6.4	33.57	8.0	25.3	0.29
F36	17 Nov 2018	77	13.02	89.23	6.4	33.57	8.0	25.3	0.27
F36	17 Nov 2018	78	13.00	89.25	6.4	33.57	8.0	25.3	0.26
F36	17 Nov 2018	79	12.99	89.26	6.4	33.57	8.0	25.3	0.26
F36	17 Nov 2018	80	12.98	89.25	6.4	33.57	8.0	25.3	0.26
F36	17 Nov 2018	81	12.97	89.28	6.4	33.57	8.0	25.3	0.26
F36	17 Nov 2018	82	12.96	89.30	6.4	33.57	8.0	25.3	0.27
F36	17 Nov 2018	83	12.96	89.31	6.4	33.57	8.0	25.3	0.28
F36	17 Nov 2018	84	12.94	89.30	6.4	33.57	8.0	25.3	0.27
F36	17 Nov 2018	85	12.93	89.32	6.4	33.57	8.0	25.3	0.29
F36	17 Nov 2018	86	12.93	89.30	6.4	33.56	8.0	25.3	0.29
F36	17 Nov 2018	87	12.93	89.33	6.4	33.56	8.0	25.3	0.29
F36	17 Nov 2018	88	12.91	89.35	6.4	33.56	8.0	25.3	0.30
F36	17 Nov 2018	89	12.86	89.30	6.4	33.56	8.0	25.3	0.30
F36	17 Nov 2018	90	12.84	89.21	6.4	33.56	8.0	25.3	0.27
F36	17 Nov 2018	91	12.80	89.08	6.3	33.57	8.0	25.3	0.24
F36	17 Nov 2018	92	12.70	88.95	6.2	33.57	8.0	25.3	0.20
F36	17 Nov 2018	93	12.65	88.90	6.2	33.56	8.0	25.3	0.18
F36	17 Nov 2018	94	12.59	88.92	6.1	33.56	7.9	25.4	0.16
F36	17 Nov 2018	95	12.54	88.96	6.1	33.57	7.9	25.4	0.15
F36	17 Nov 2018	96	12.53	88.99	6.1	33.56	7.9	25.4	0.15
F36	17 Nov 2018	97	12.51	89.00	6.1	33.57	7.9	25.4	0.15
F36	17 Nov 2018	98	12.45	89.01	6.1	33.57	7.9	25.4	0.15
F36	17 Nov 2018	99	12.27	88.86	6.0	33.57	7.9	25.4	0.14
F36	17 Nov 2018	100	12.16	87.45	5.9	33.58	7.9	25.5	0.13

NA = not available

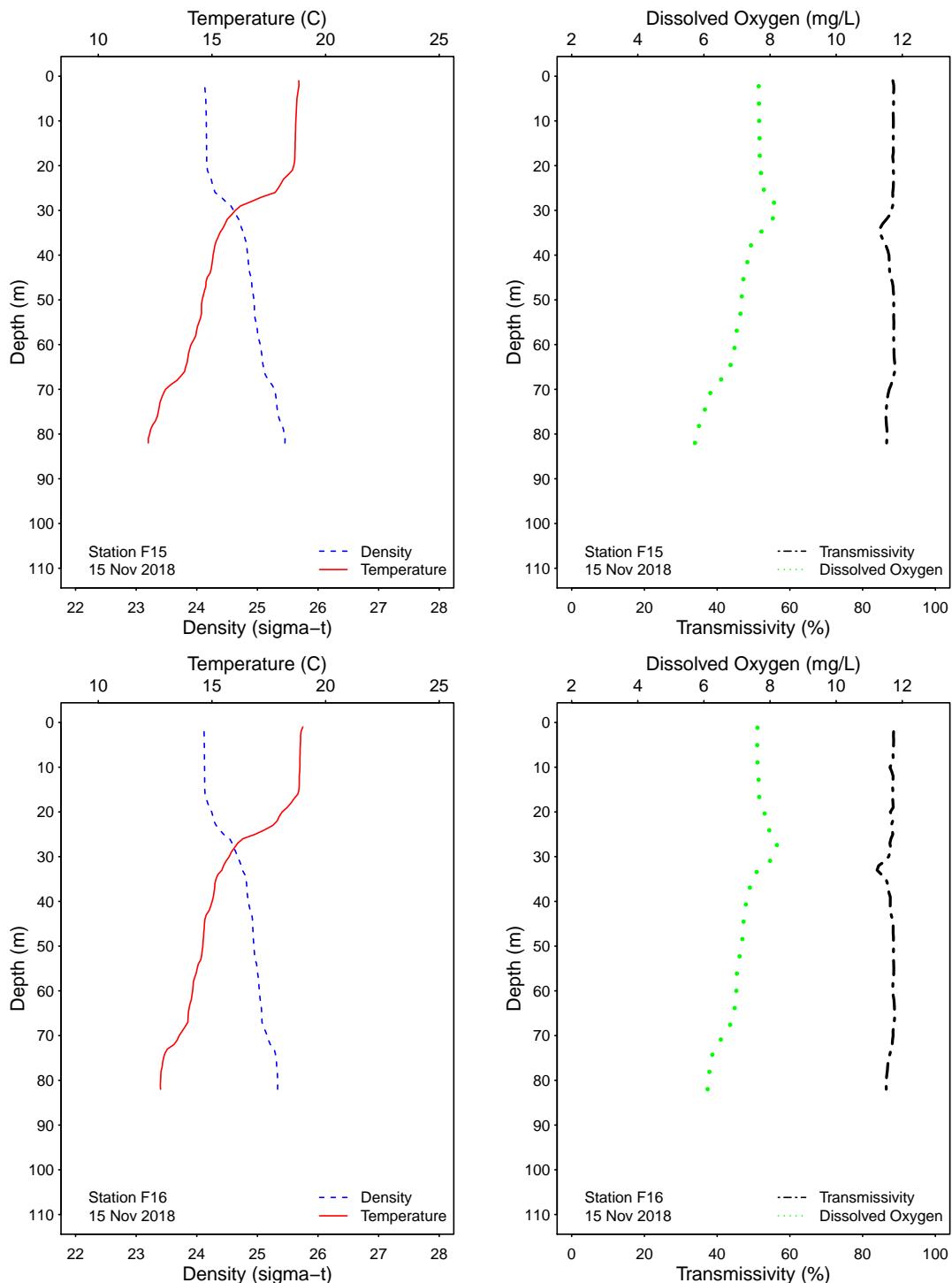


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

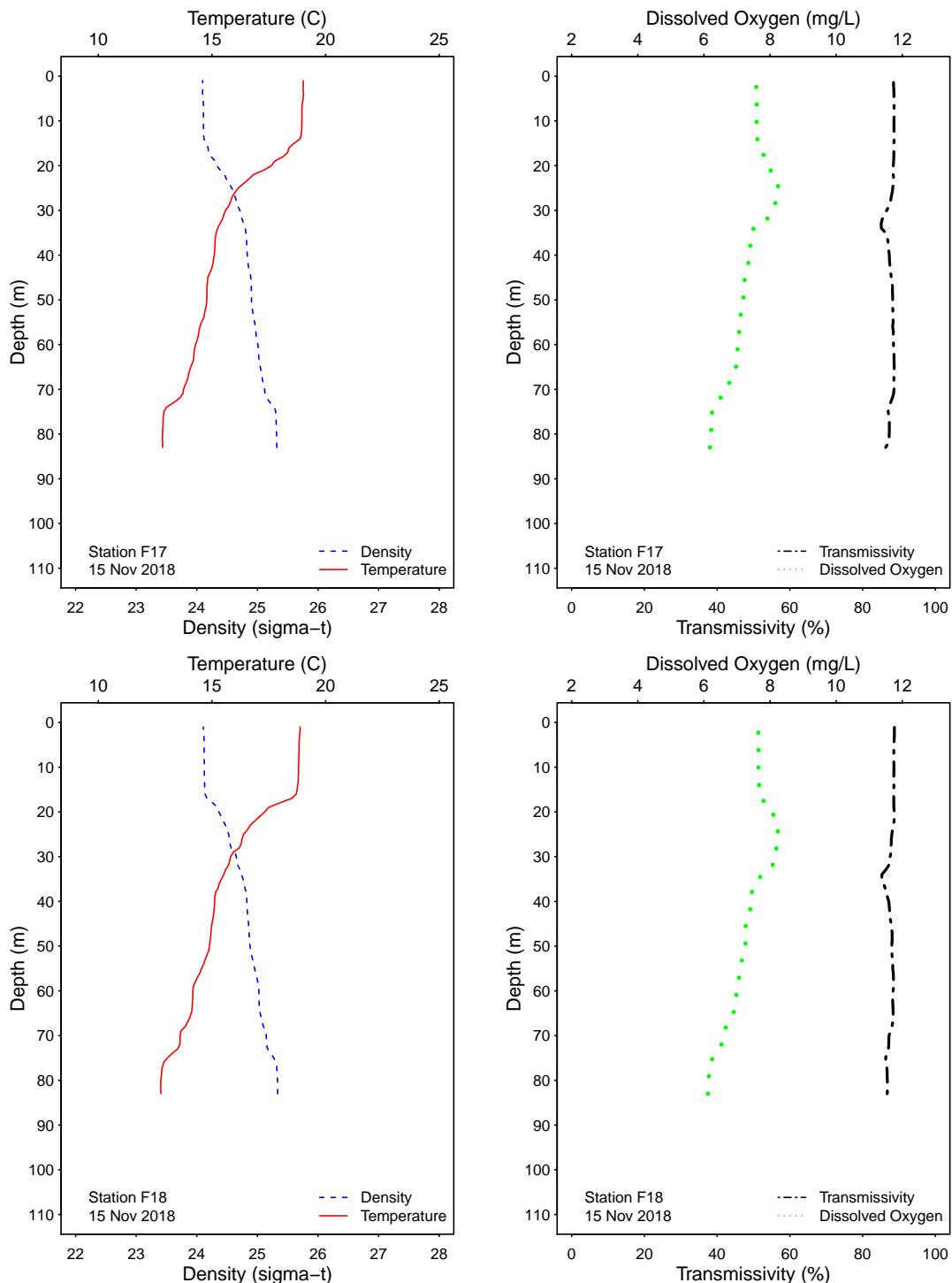


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

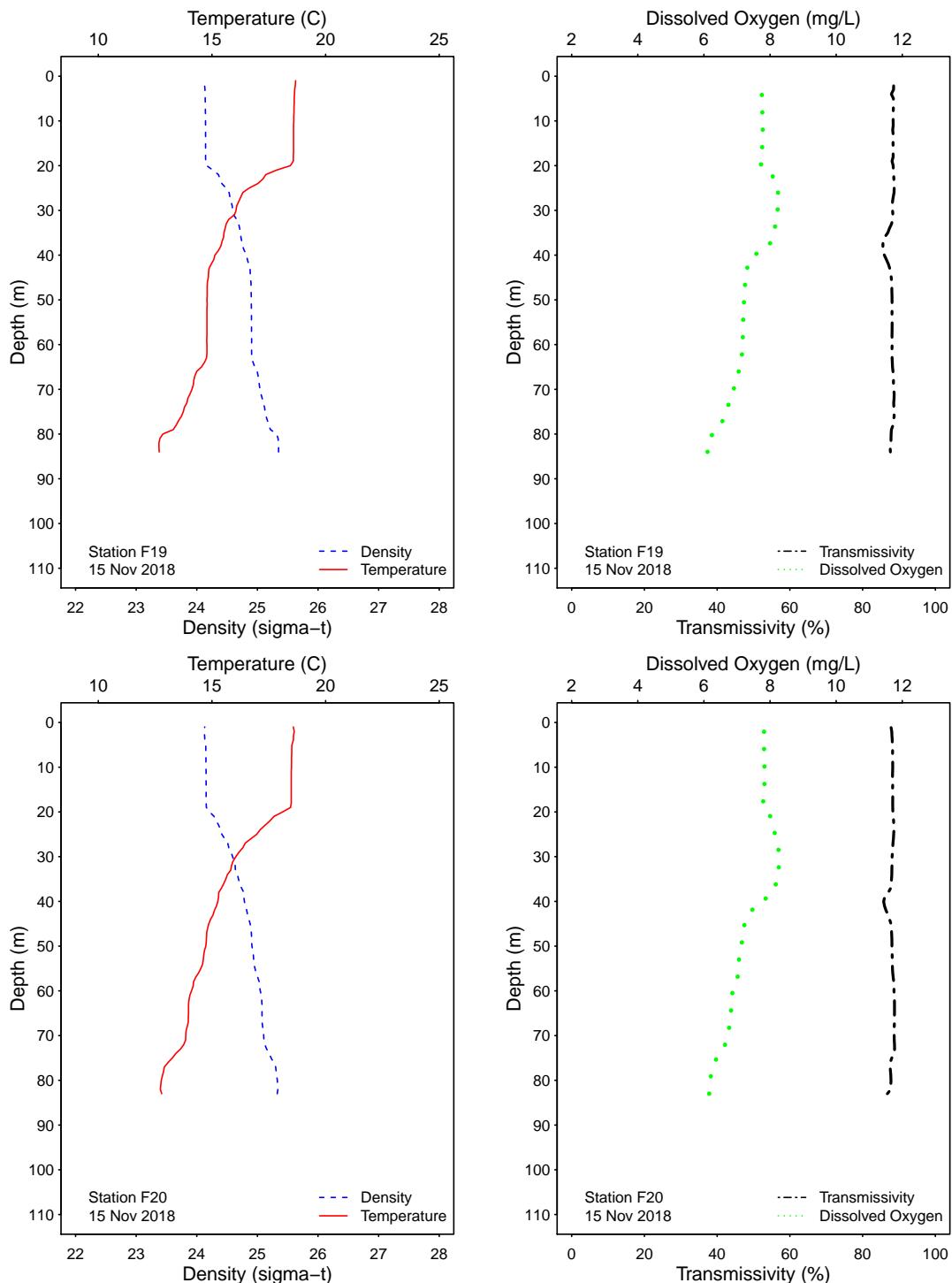


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

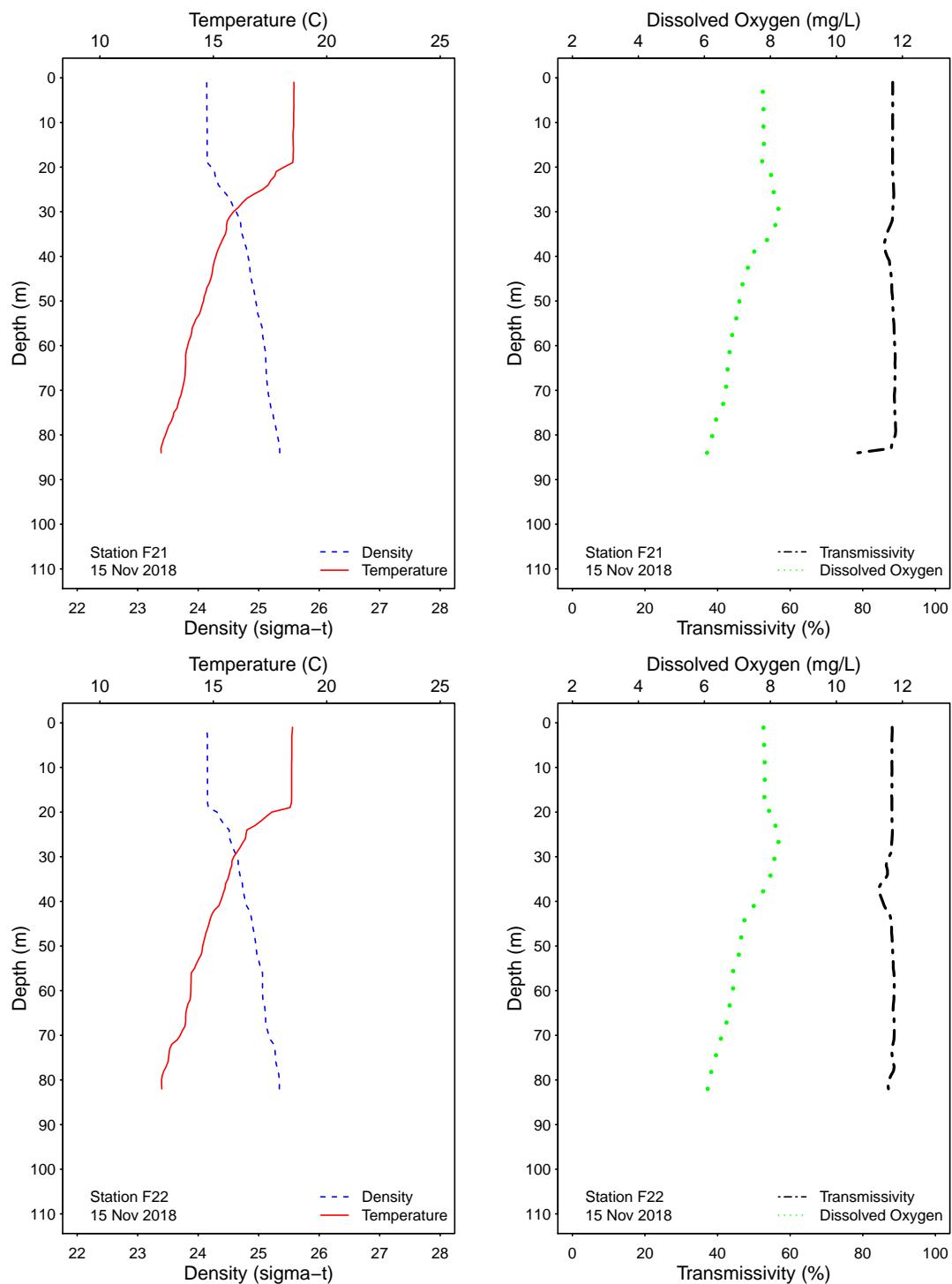


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

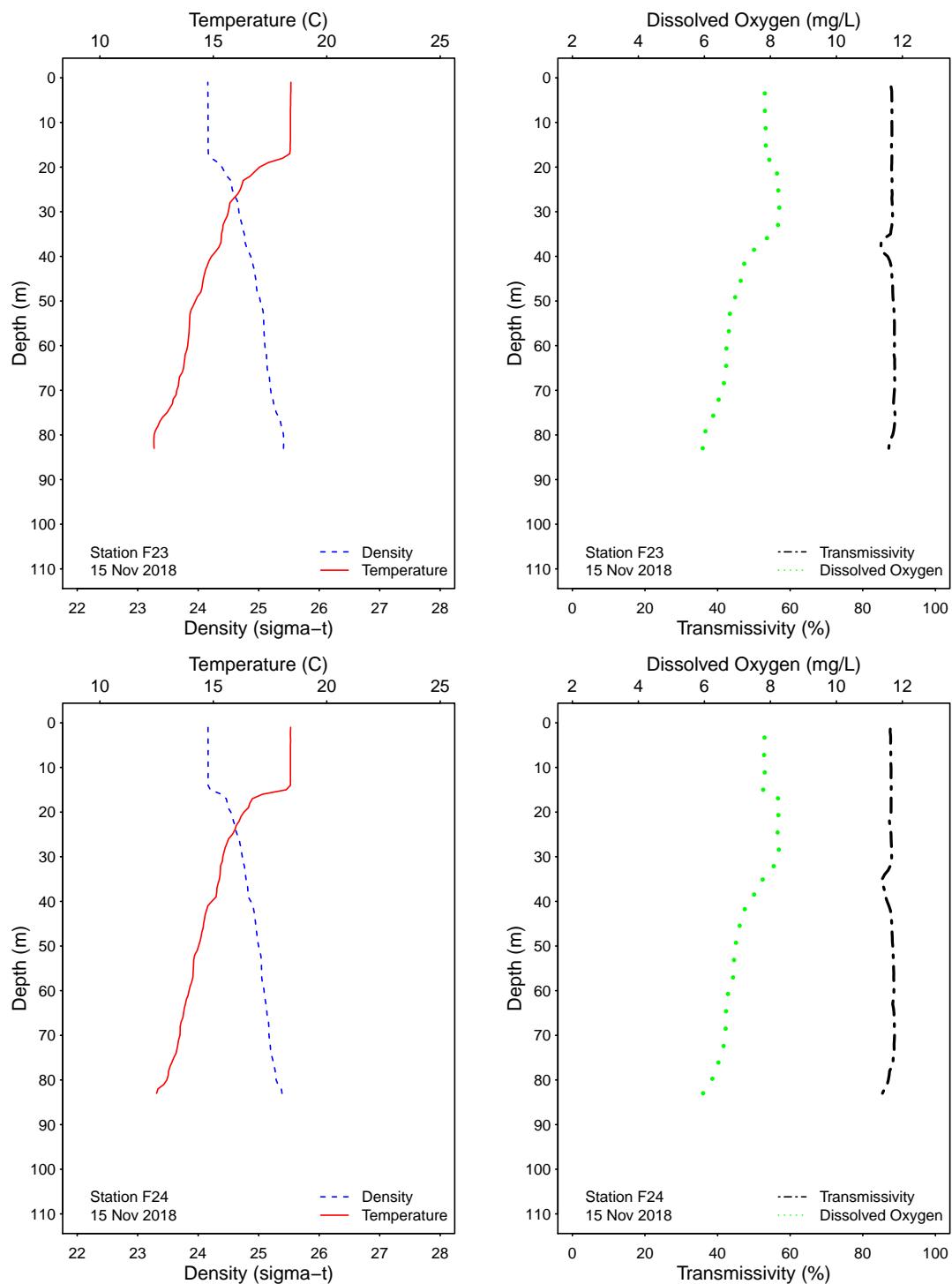


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

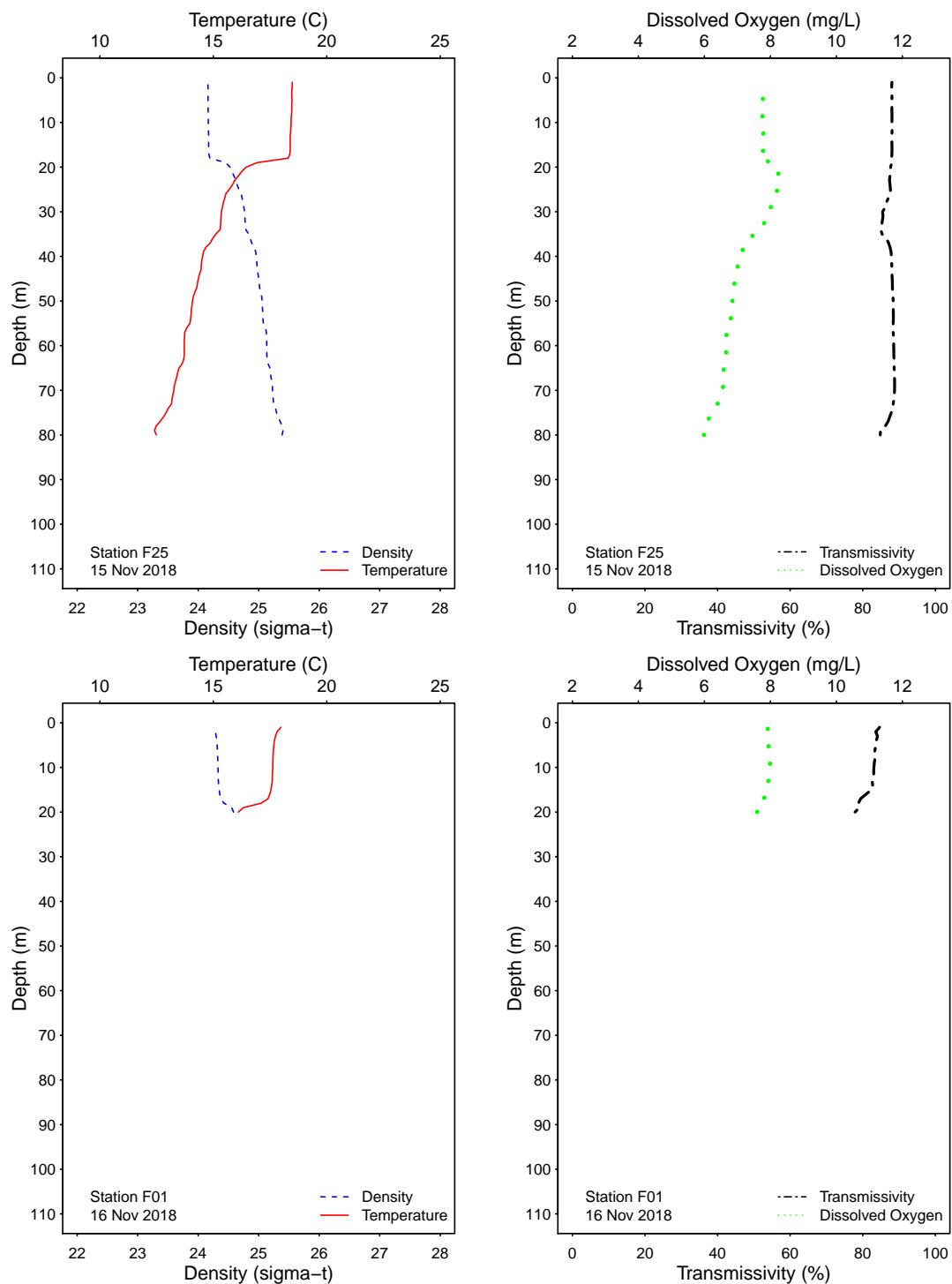


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

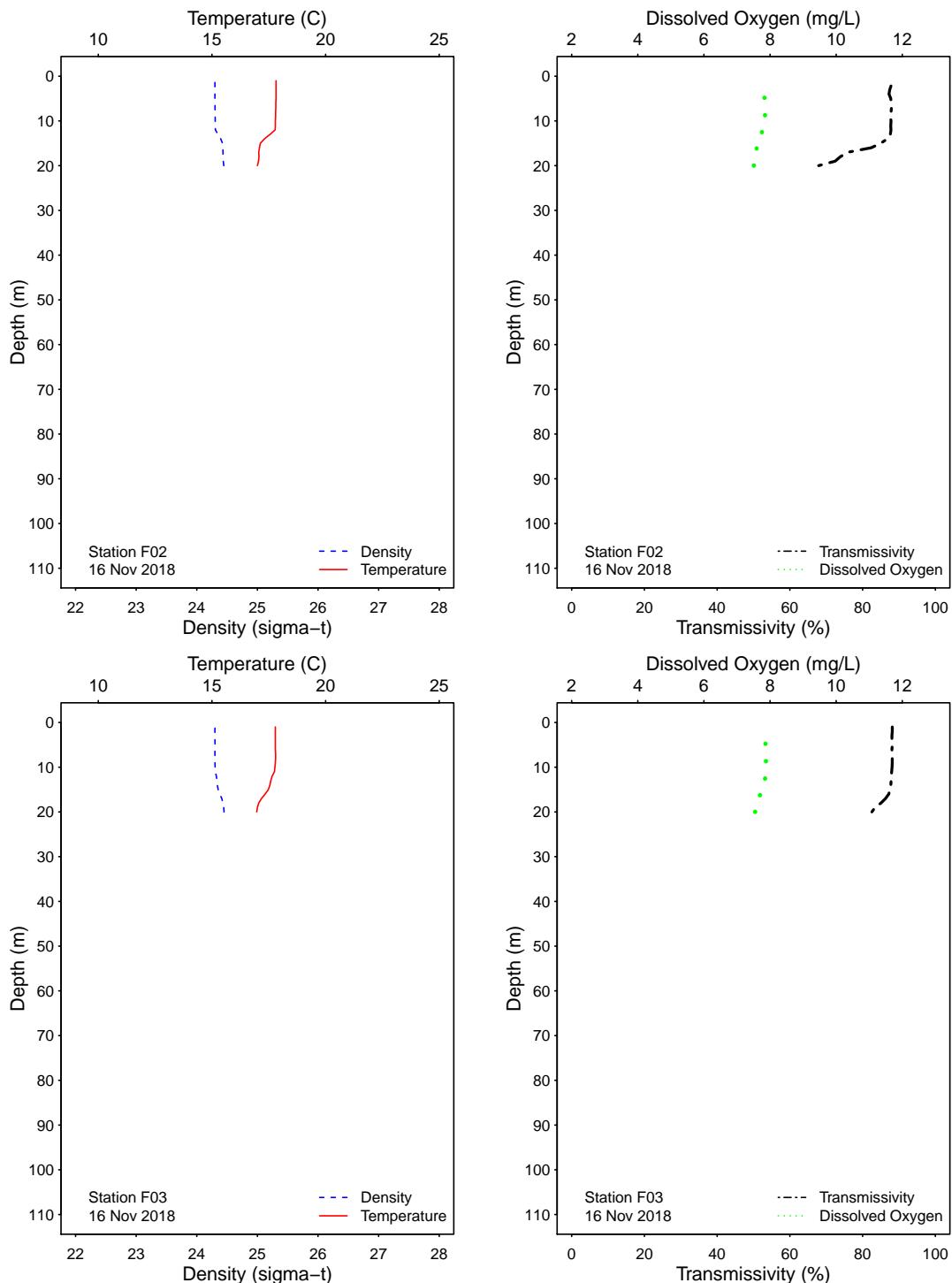


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

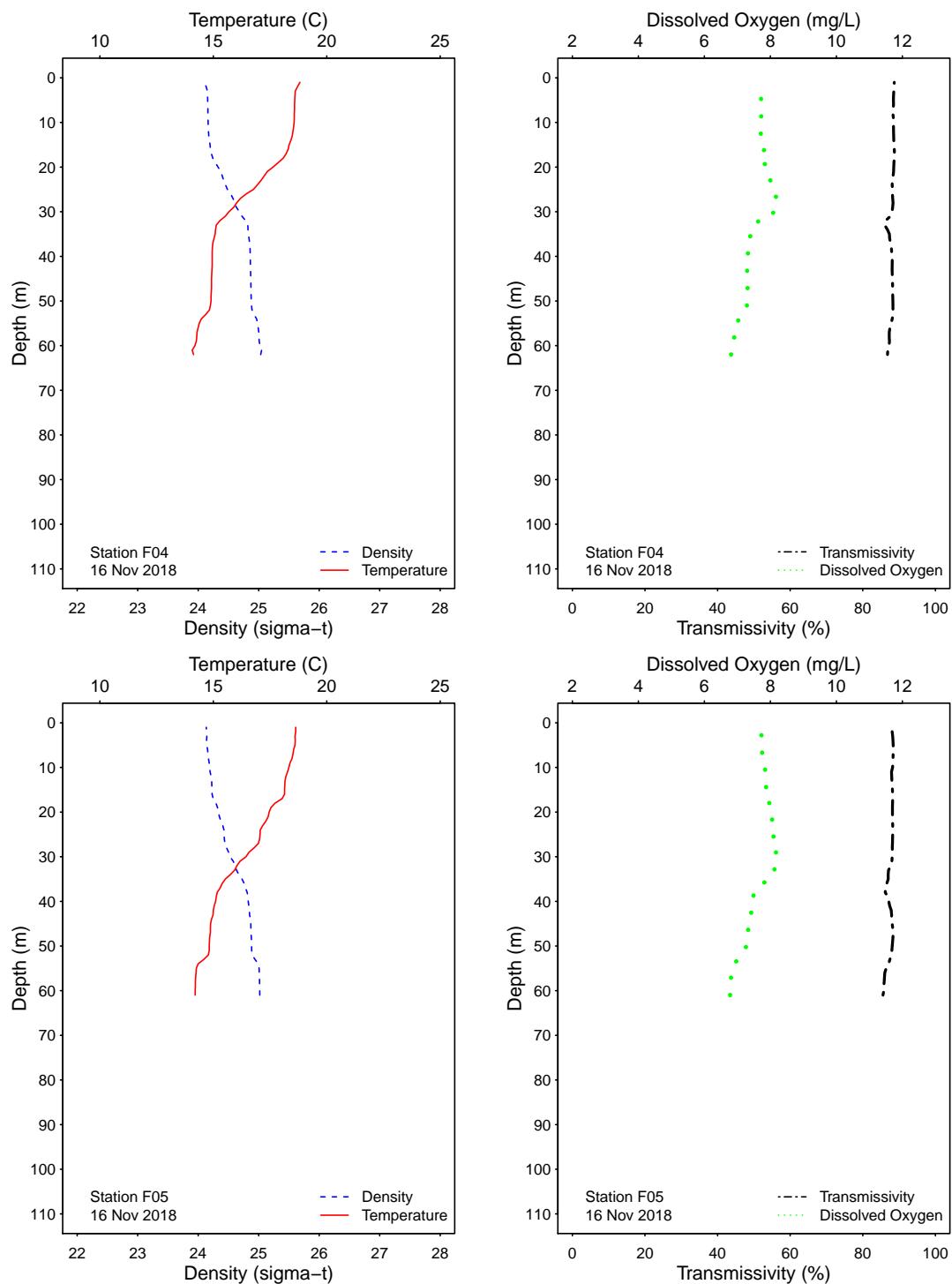


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

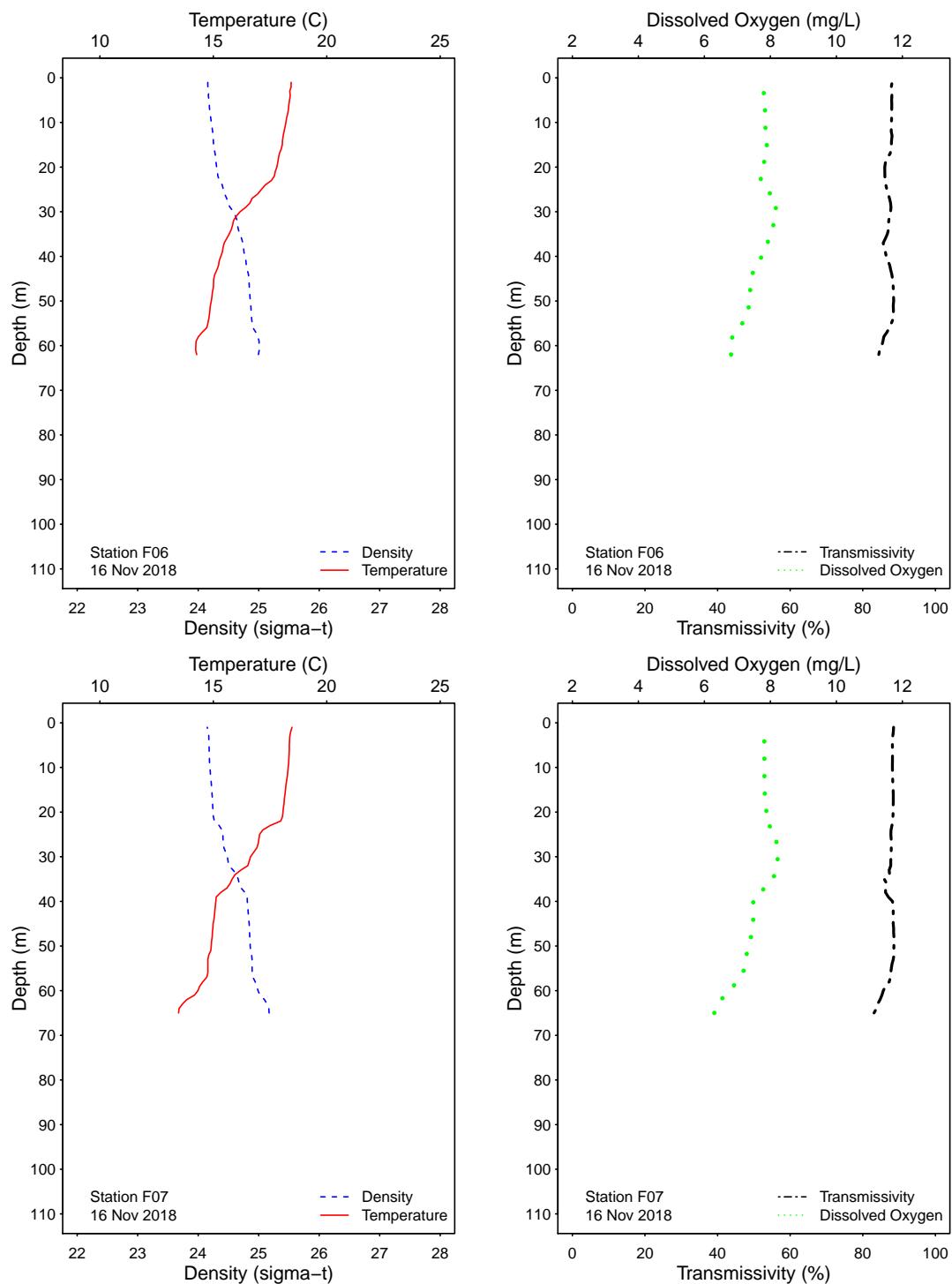


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

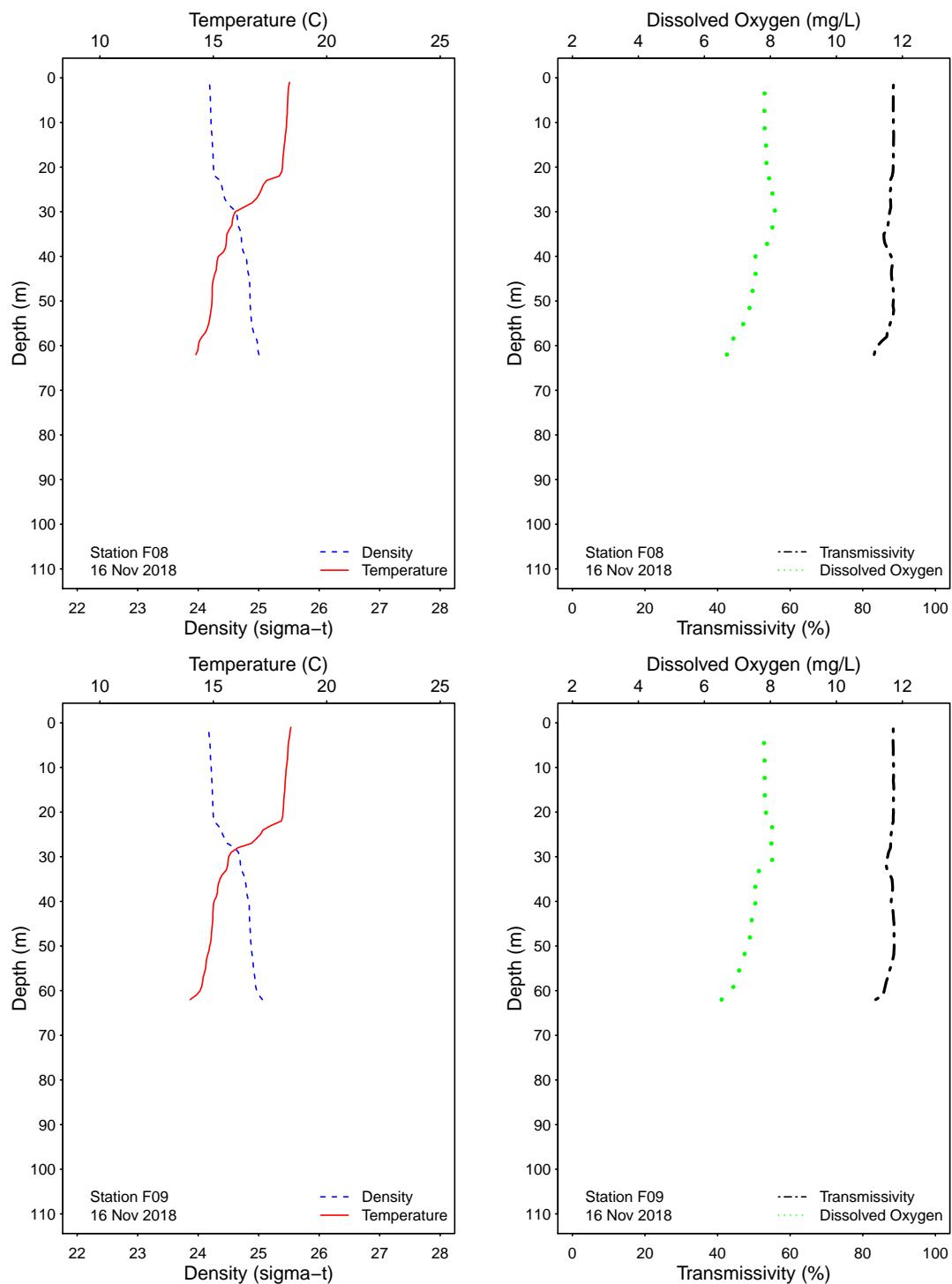


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

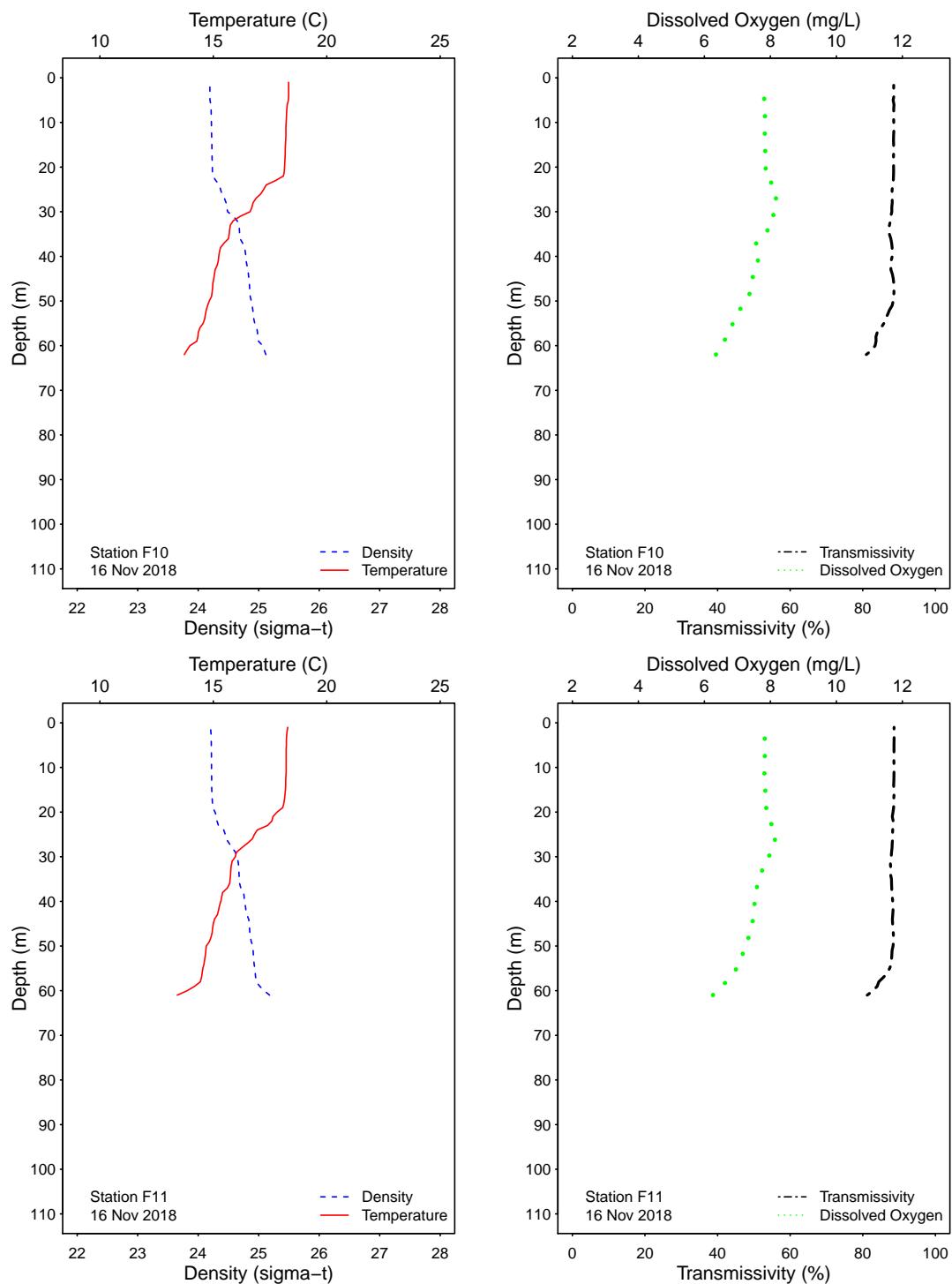


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

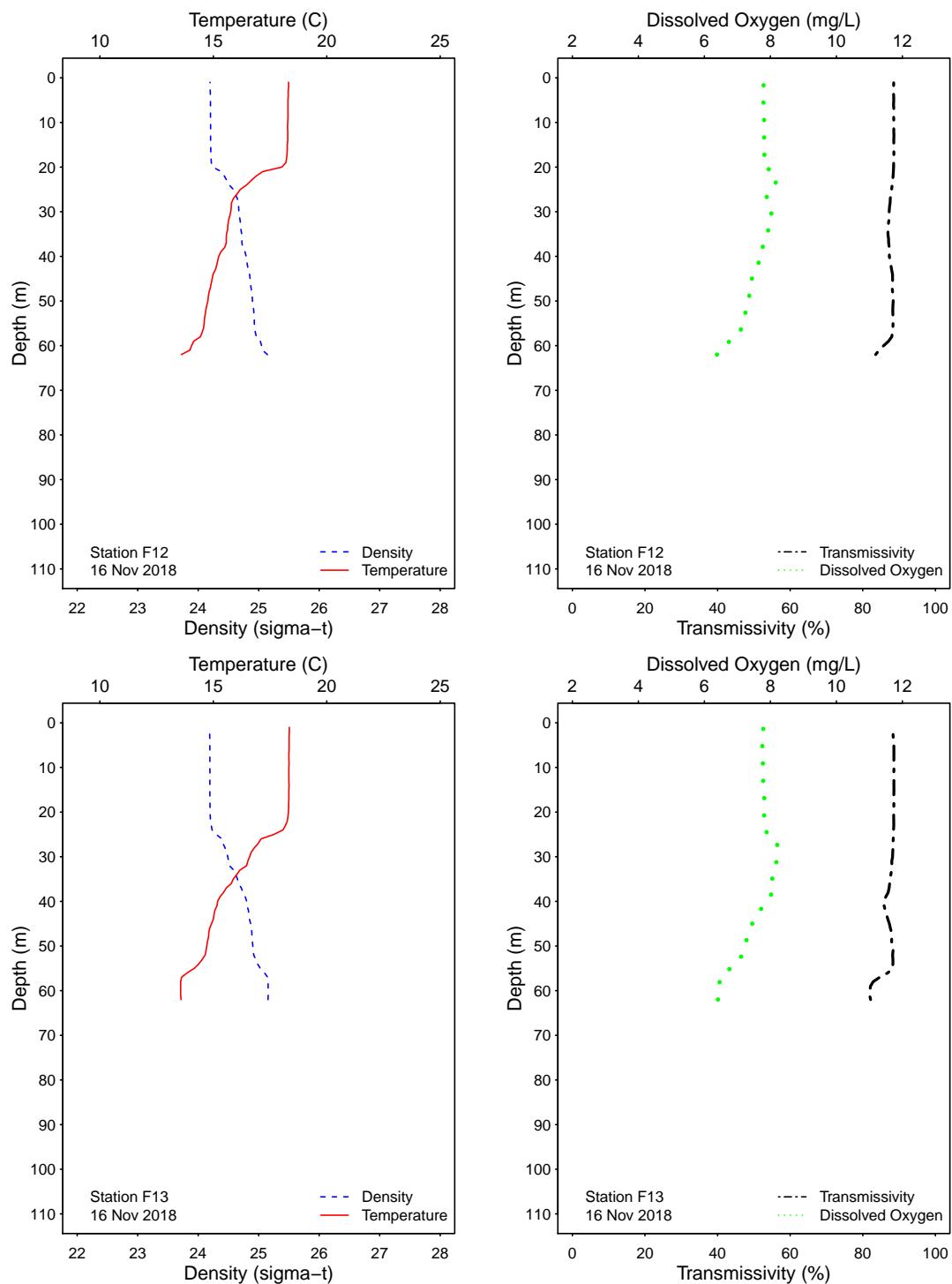


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

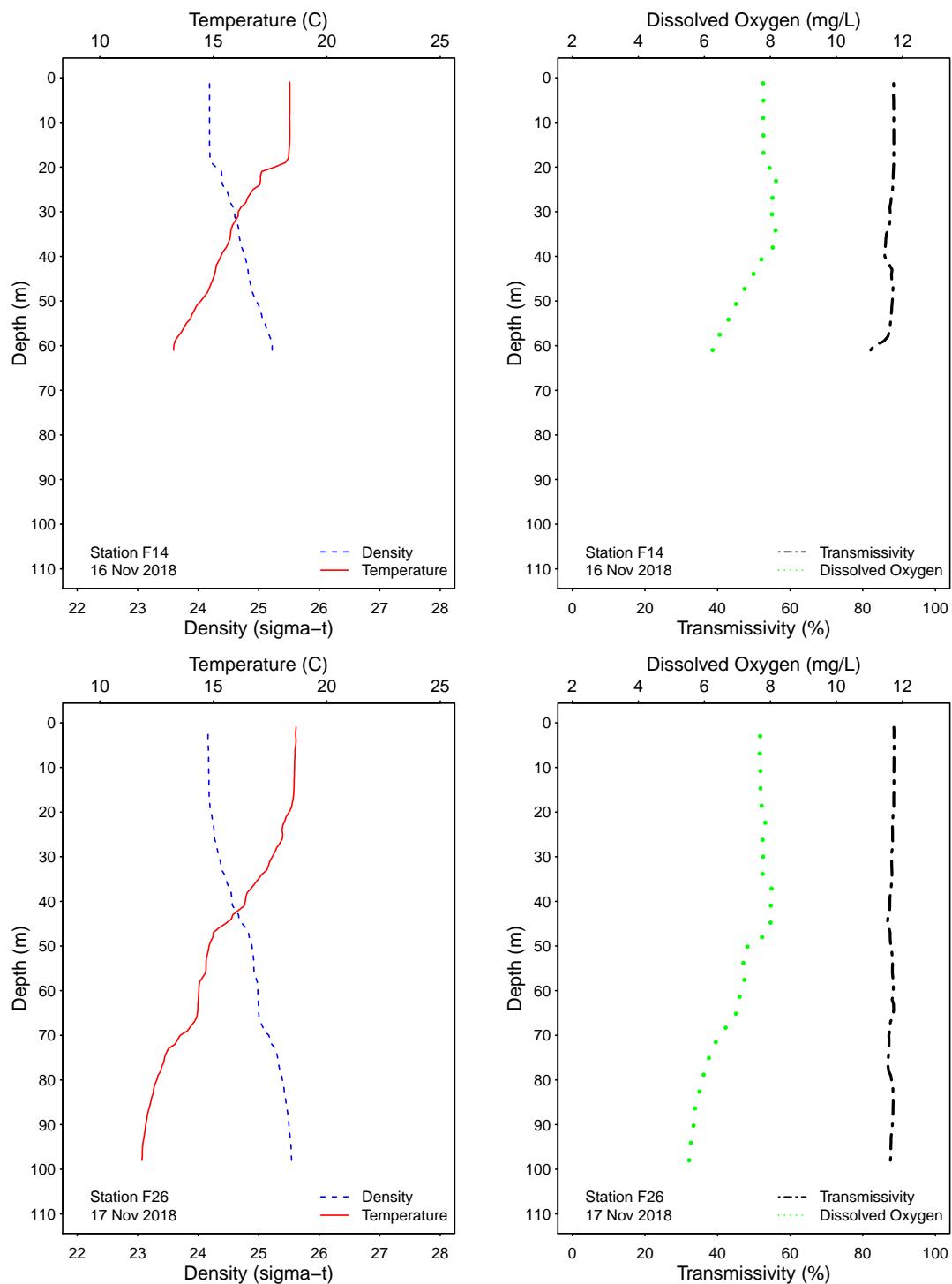


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

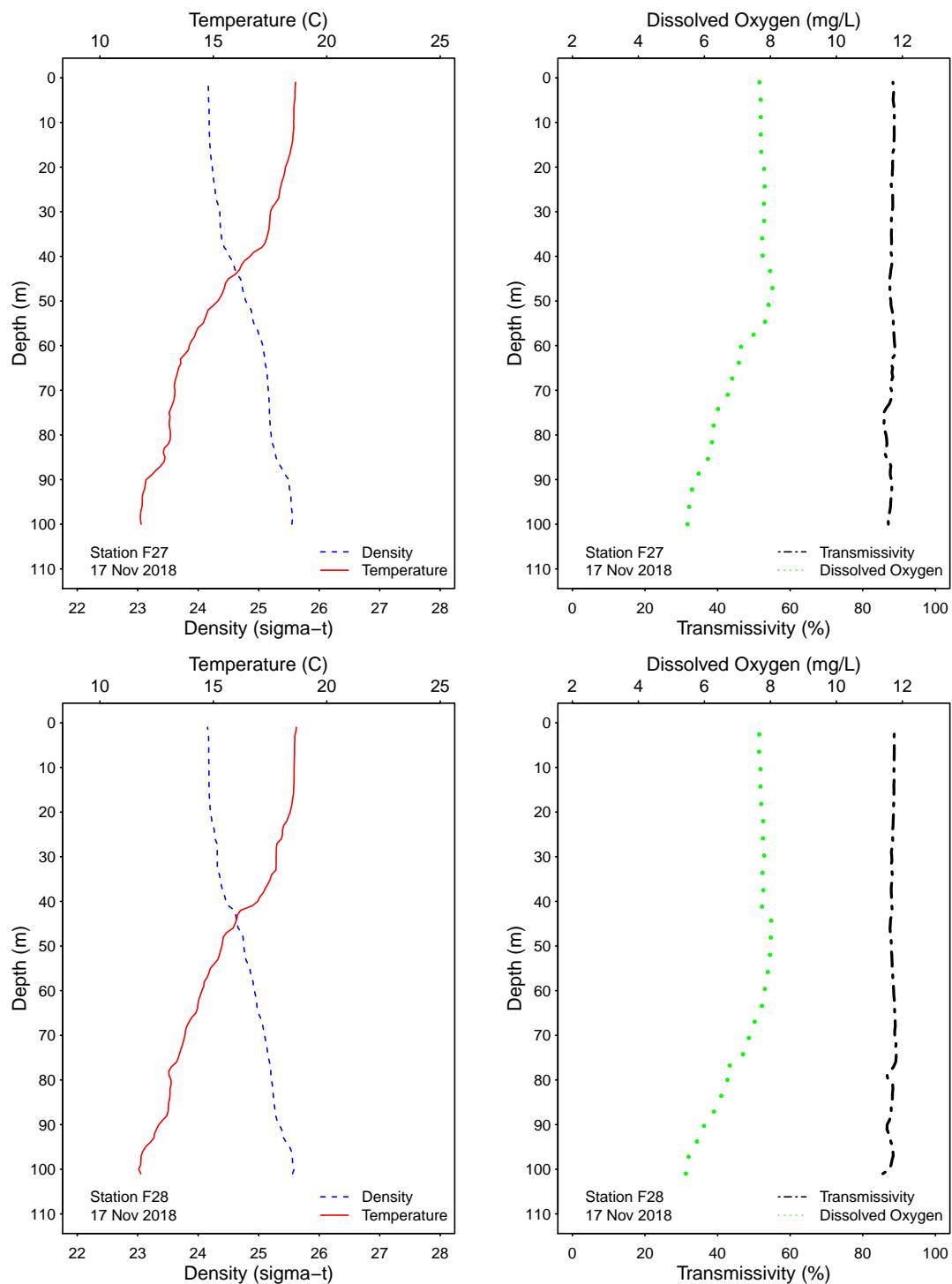


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

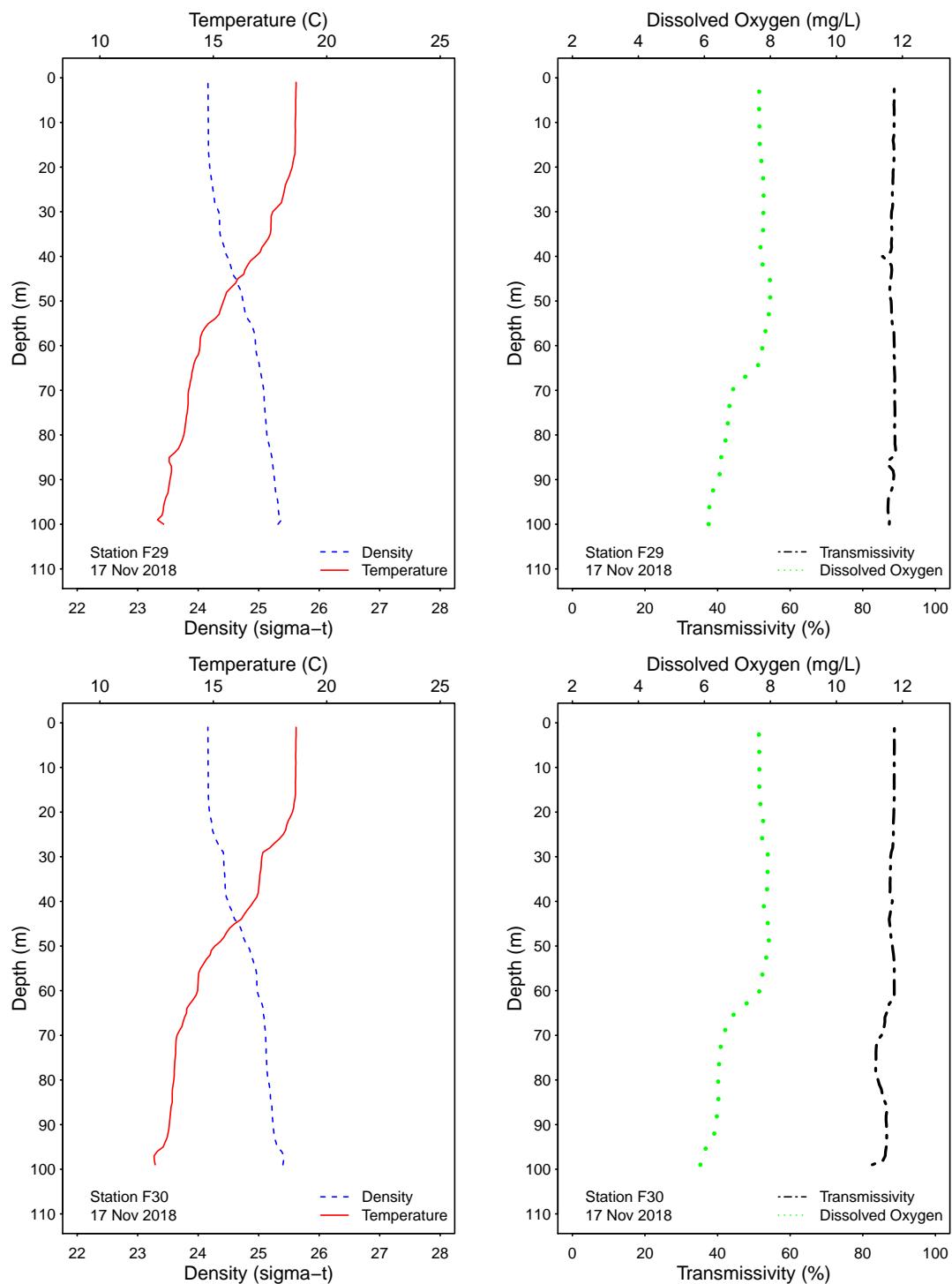


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

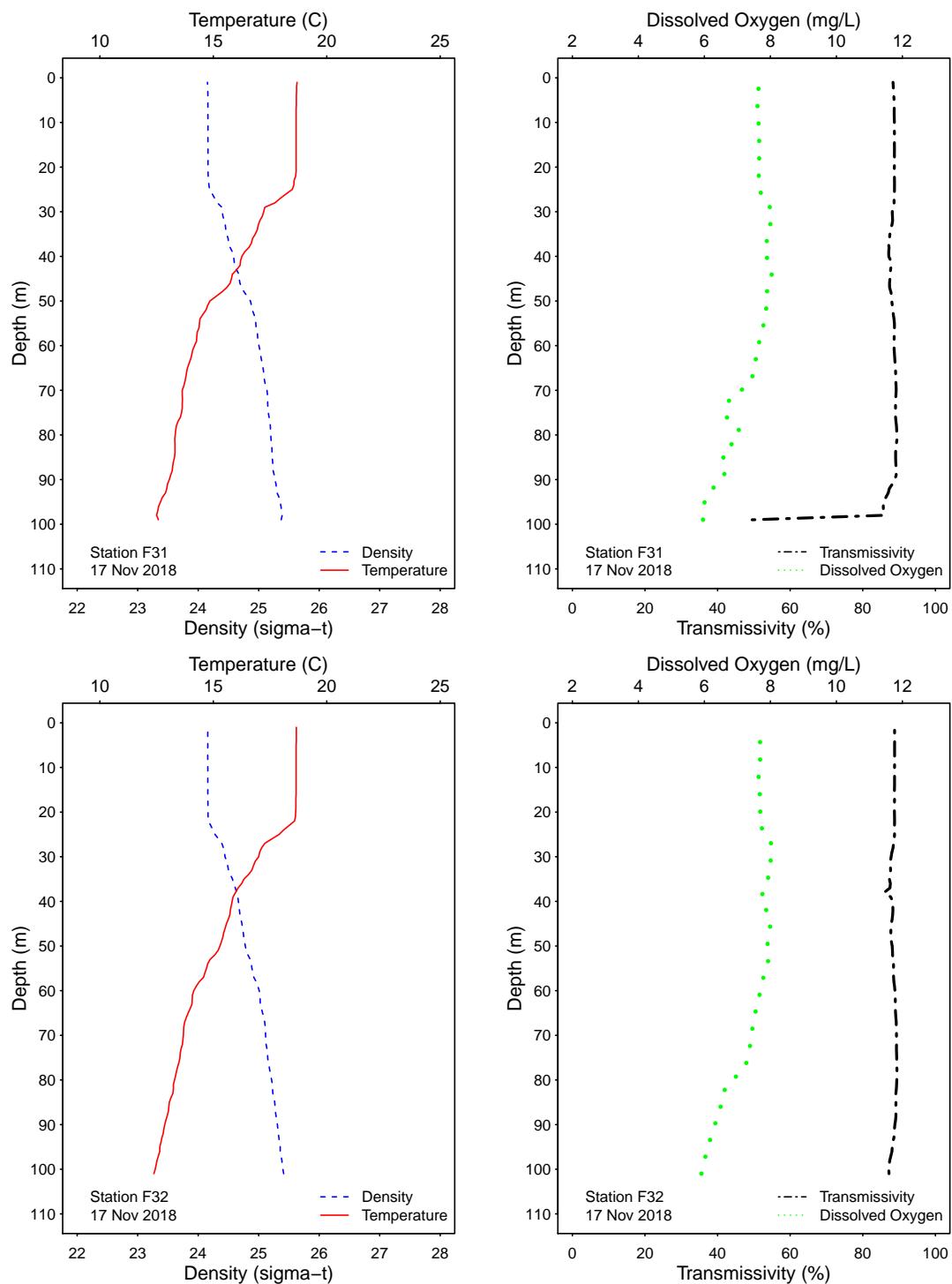


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

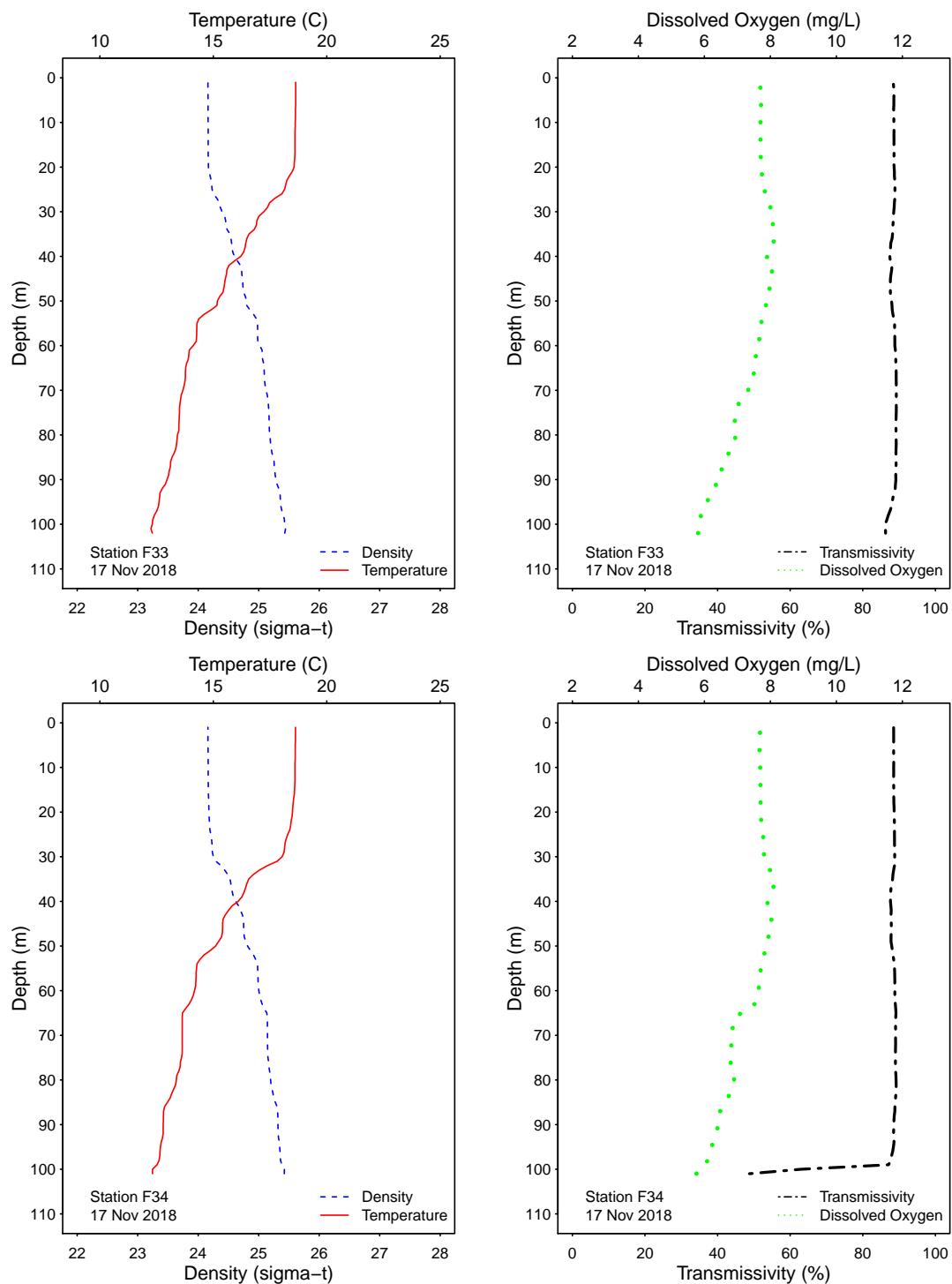


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

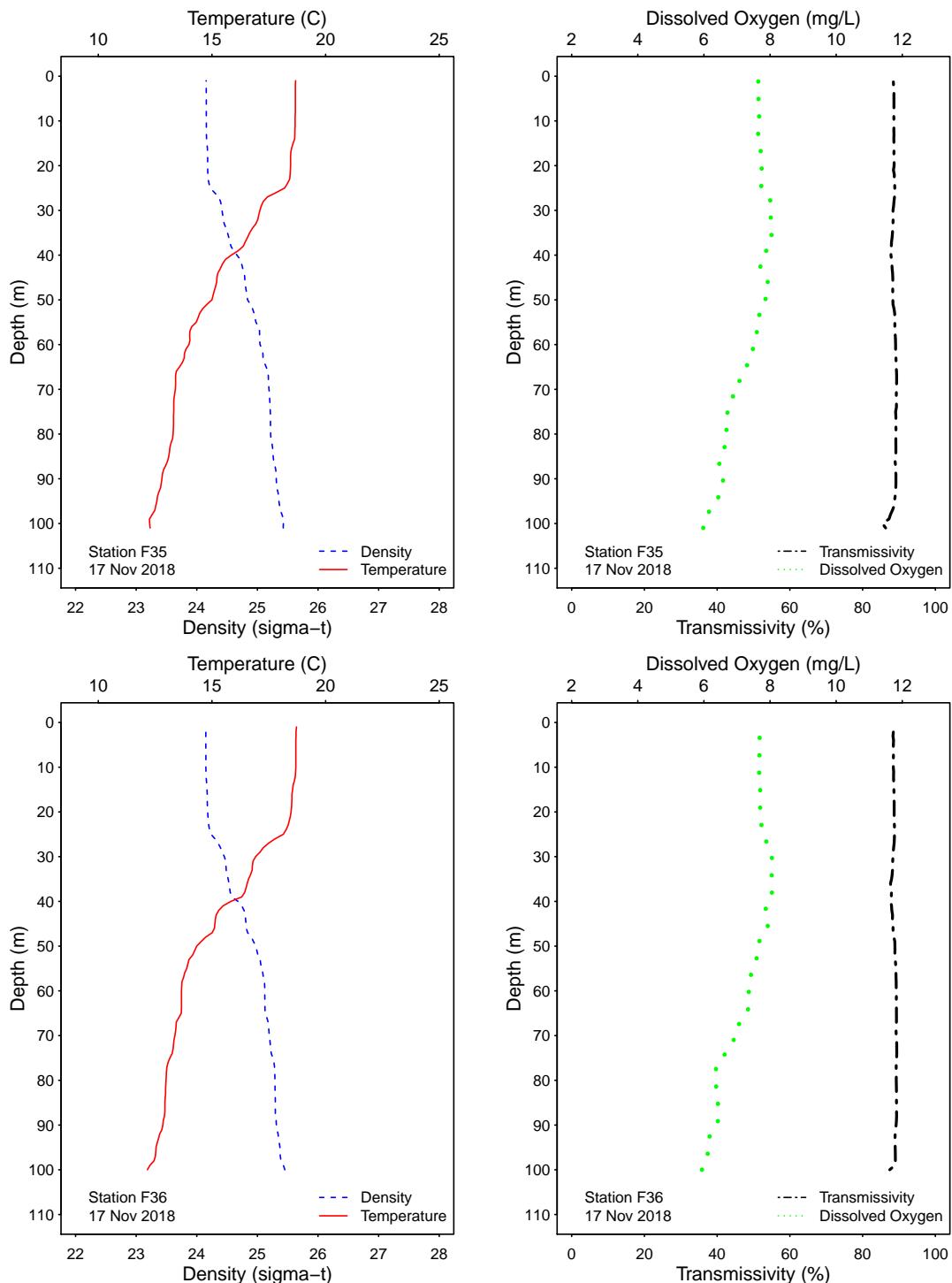


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

APPENDIX A

Quality Assurance

Table A.1

Summary of bacteriological quality assurance field and lab duplicate sample analyses at selected PLOO stations. Densities of total coliform (Total), fecal coliform (Fecal), and *Enterococcus* (Enter) are reported as CFU/100 mL.

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Enter
A7	05 Nov 2018	18	AR	LAB DUPLICATE	<2	<2	<2
A7	14 Nov 2018	18	JT	LAB DUPLICATE	24e	2e	<2
A7	19 Nov 2018	18	AE	LAB DUPLICATE	2e	<2	<2
A7	26 Nov 2018	18	AE	LAB DUPLICATE	<2	<2	<2
C7	05 Nov 2018	18	AR	LAB DUPLICATE	<2	<2	<2
C7	14 Nov 2018	18	AE	LAB DUPLICATE	<2	<2	<2
C7	19 Nov 2018	18	AE	LAB DUPLICATE	2e	<2	<2
C7	26 Nov 2018	18	AR	LAB DUPLICATE	<2	<2	<2
C8	05 Nov 2018	12	AR	LAB DUPLICATE	<2	<2	<2
C8	14 Nov 2018	12	AE	LAB DUPLICATE	<2	<2	<2
C8	19 Nov 2018	12	JT	LAB DUPLICATE	6e	<2	ns
C8	26 Nov 2018	12	AR	LAB DUPLICATE	<2	<2	<2
D12	07 Nov 2018		JLT	FIELD DUPLICATE	2e	2e	4e
D12	07 Nov 2018		JLT	LAB DUPLICATE	4e	2e	<2
D12	14 Nov 2018		AR	FIELD DUPLICATE	<2	<2	<2
D12	14 Nov 2018		AR	LAB DUPLICATE	2e	<2	2e
D12	21 Nov 2018		AE	FIELD DUPLICATE	60e	10e	28e
D12	21 Nov 2018		AE	LAB DUPLICATE	16e	4e	26e
D12	28 Nov 2018		AR	FIELD DUPLICATE	<20	<2	4e
D12	28 Nov 2018		AR	LAB DUPLICATE	2e	<2	<2
F01	16 Nov 2018	12	AE	LAB DUPLICATE	ns	ns	<2
F02	16 Nov 2018	12	AE	LAB DUPLICATE	ns	ns	<2
F07	16 Nov 2018	60	LMA	LAB DUPLICATE	ns	ns	8e
F08	16 Nov 2018	60	AE	LAB DUPLICATE	ns	ns	2e
F11	16 Nov 2018	60	LMA	LAB DUPLICATE	ns	ns	ns
F17	15 Nov 2018	80	LMA	LAB DUPLICATE	ns	ns	6e
F18	15 Nov 2018	60	LMA	LAB DUPLICATE	ns	ns	<2
F19	15 Nov 2018	60	LMA	LAB DUPLICATE	ns	ns	<2
F20	15 Nov 2018	60	LMA	LAB DUPLICATE	ns	ns	<2
F21	15 Nov 2018	80	LMA	LAB DUPLICATE	ns	ns	<2
F28	17 Nov 2018	60	AR	LAB DUPLICATE	ns	ns	<2
F29	17 Nov 2018	60	AR	LAB DUPLICATE	ns	ns	2e
F30	17 Nov 2018	60	AR	LAB DUPLICATE	ns	ns	<2
F31	17 Nov 2018	80	AR	LAB DUPLICATE	ns	ns	<2
F32	17 Nov 2018	80	LMA	LAB DUPLICATE	ns	ns	ns
F34	17 Nov 2018	60	AR	LAB DUPLICATE	ns	ns	<2

ns = not sampled

ND = no data

