



POINT LOMA OCEAN OUTFALL MONTHLY RECEIVING WATERS MONITORING REPORT

**POINT LOMA
WASTEWATER TREATMENT PLANT**

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

FEBRUARY 2018

Environmental Monitoring and Technical Services
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Public Utilities Department

Environmental Monitoring & Technical Services Division

March 31, 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 February 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,

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

TS/rjg

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 monitored at eight shore stations (D4, D5, D7–D12). These stations range from the tip of the Point Loma Peninsula to west of Mission Bay (see station locations map). Due to site inaccessibility, station D8 has been temporarily abandoned and replaced with station D8-A. This new location will be sampled until access is restored at the original location. Seawater samples are collected from the surf zone at each station five times during the month. These samples are 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 are also recorded at the time of sample collection. Wind speed and direction are measured using a hand-held anemometer with a compass.

Kelp Bed Stations

The eight kelp stations are sampled four times during the month 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 consists primarily of collecting seawater samples at discrete depths to determine concentrations of indicator bacteria (i.e., total coliforms, fecal coliforms, and *Enterococcus*). Additional samples for ammonium analysis are collected at these same sites and depths on a quarterly basis in order to correspond to sampling at the offshore stations located within State waters that is typically scheduled during the months of February, May, August and November. Water column profiles of various physical/chemical parameters are also generated during each sampling event, and visual observations of weather and water conditions are recorded at each station.

Seawater samples at the kelp bed stations are primarily collected using a CTD-integrated rosette sampler with Niskin bottles. Aliquots for ammonium and bacteriological analyses are then drawn from these bottles into sterile sample bottles for processing at the City's Toxicology Laboratory (ammonium) and Marine Microbiology Laboratory (bacteria), respectively. Water column profiles of temperature, transmissivity, dissolved oxygen, pH, salinity, density, chlorophyll *a* are generated using a Sea-Bird conductivity, temperature and depth instrument (CTD), which collects these data

at a rate of \geq 4 scans per second. These scans are then internally averaged to create water column profiles with data readings at a rate of one per meter. The CTD data are presented in both graphical and tabular form. Additionally, data for depths closest to those where bacteriological samples are collected are extracted from the CTD profiles and 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 are primarily 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. The CTD profile data are then presented in both graphical and tabular form. Additionally, data for depths closest to those at which bacteriological samples are collected are 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:

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;

^[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.

(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 February, one of the eight shore stations was out of compliance with various California Ocean Plan (Ocean Plan) water-contact standards.
 - o The 30-day geometric mean standard for *Enterococcus* was exceeded at station D11 on one or more days during the month.
 - o The single sample maximum (SSM) standard for total coliform bacteria was exceeded at station D11 on February 28.
- Per permit requirements, a resample was collected in response to this SSM exceedance on March 1, which will be reported next month.
- The resamples collected on February 1 at shore stations D8-A and D11 were collected in response to exceedances that occurred at these stations on January 31.
- Shore stations D7 and D8-A were inaccessible on February 14, 21, and 28 due to unsafe conditions from shoreline erosion.
- 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 *Point Loma Ocean Outfall Annual Receiving Waters Monitoring and Assessment Report* for details (<http://www.sandiego.gov/mwwd/environment/oceanmonitor/reports/index.shtml>). Nothing of sewage origin was observed at any of the shore stations.

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. February 5, 16, 20, 26).
- During February, all of the kelp bed stations were in compliance with various water-contact standards specified in the Ocean Plan.
- Water column temperatures ranged from 11.93 to 16.28°C during the month. The difference between surface and bottom waters ranged from 0.07 to 2.25°C, indicating that the water column was stratified at some of the kelp bed stations during the month.
- Chlorophyll *a* concentrations ranged from 0.23 to 2.56 µg/L during February, suggesting the presence of phytoplankton during the month.
- There were no notable visual observations for February.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on February 13, 14, and 15
- During February, each of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) was in compliance with the relevant Ocean Plan single sample maximum standard for *Enterococcus*.
- All but 3 of the remaining 21 offshore stations were characterized by low densities of *Enterococcus* bacteria (i.e., <104 CFU/100 mL).
- Exceptions included stations F30, F31, and F32 which exceeded the single sample maximum for *Enterococcus* at 80 m and 98 m on February 15.
- During February, water column temperatures ranged from 10.94 to 16.54°C. The difference between surface and bottom waters ranged from 0.03 to 5.45°C, indicating that the water column was stratified at some of the offshore stations during the month.
- Chlorophyll *a* concentrations ranged from 0.11 to 6.23 µg/L at the offshore stations during the month, suggesting the presence of phytoplankton blooms.
- CDOM data are available upon request.
- Nothing of sewage origin was observed at any of the offshore stations.



TABLES AND FIGURES

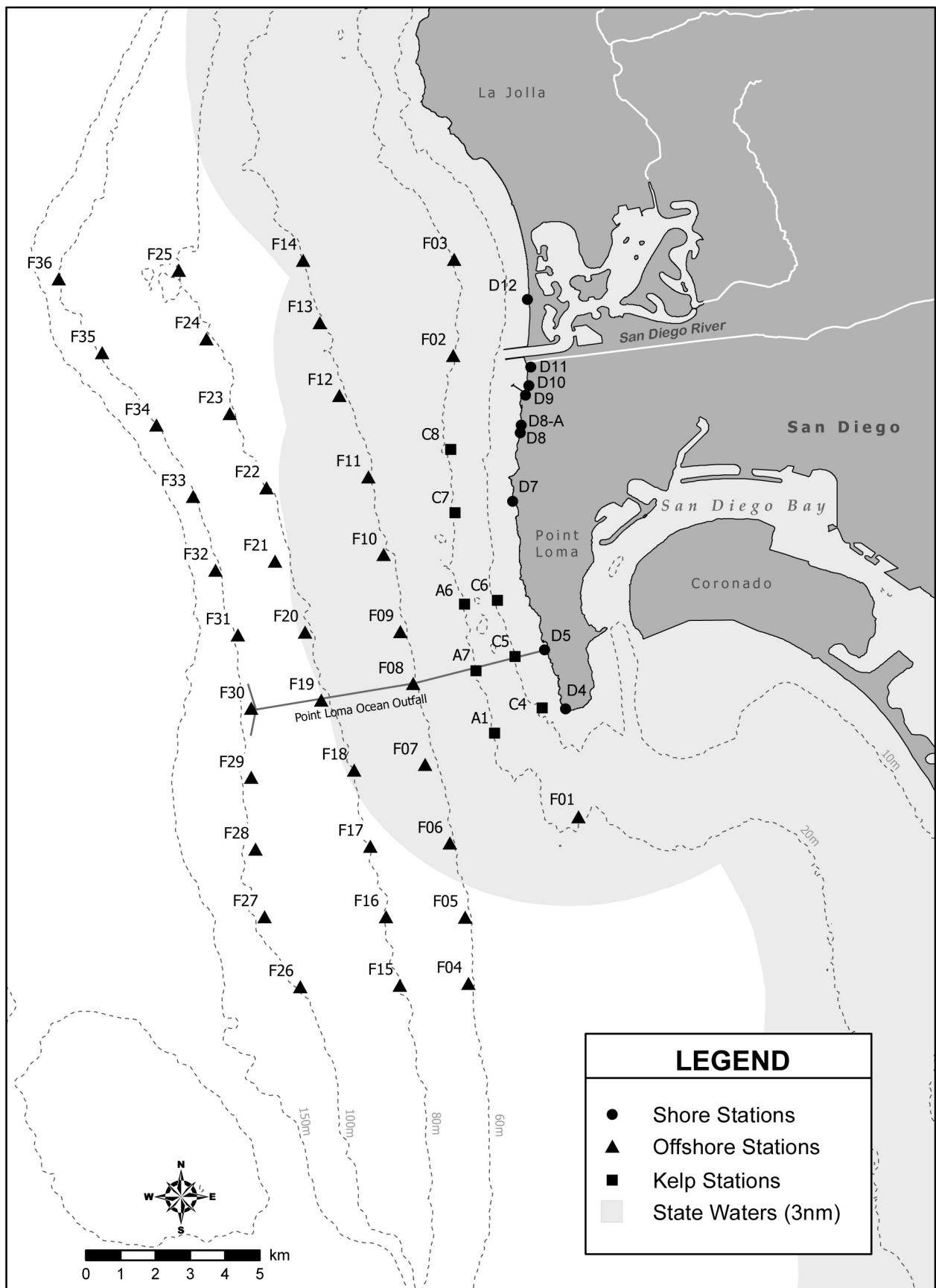


Figure 1.1 Station Map

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-A	D9	D10	D11	D12
01 Feb 2018	16	21	20	64	166	101	271	25
02 Feb 2018	20*	21*	15*	80	125	140	478	31*
03 Feb 2018	20*	21*	15*	80	125	140	478	31*
04 Feb 2018	20*	21*	15*	80	125	140	478	31*
05 Feb 2018	20*	21*	15*	80	125	140	478	31*
06 Feb 2018	20*	21*	15*	80	125	140	478	31*
07 Feb 2018	13	21	10	64	125	101	368	35
08 Feb 2018	13	21	10	64	71	101	368	35
09 Feb 2018	6*	12*	8*	51	24	37	173	14*
10 Feb 2018	6*	12*	8*	51	24	37	173	14*
11 Feb 2018	6*	12*	8*	51	10	15*	81*	14*
12 Feb 2018	6*	12*	8*	51	10	15*	81*	14*
13 Feb 2018	6*	12*	8*	51	10	15*	81*	14*
14 Feb 2018	8	13	8	51	11	11	70	9
15 Feb 2018	8	13	8	51	11	11	70	9
16 Feb 2018	6*	12*	6*	45	10	8*	73*	8*
17 Feb 2018	6*	12*	6*	45	10	8*	73*	8*
18 Feb 2018	6*	12*	6*	45	10	8*	73*	8*
19 Feb 2018	6*	12*	6*	45	10	8*	73*	8*
20 Feb 2018	6*	12*	6*	45	10	8*	73*	8*
21 Feb 2018	6	13	6	45	9	9	57	6
22 Feb 2018	6	13	6	45	9	9	57	6
23 Feb 2018	8*	21*	6*	101	10	13*	47*	6*
24 Feb 2018	8*	21*	6*	101	10	13*	47*	6*
25 Feb 2018	8*	21*	6*	101	10	13*	47*	6*
26 Feb 2018	8*	21*	6*	101	10	13*	47*	6*
27 Feb 2018	8*	21*	6*	101	10	13*	47*	6*
28 Feb 2018	9	24	6	101	13	18	45	5

* 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-A	D9	D10	D11	D12
01 Feb 2018	2	2	3	19	22	20	42	4
02 Feb 2018	2*	2*	4*	18	18	18	78	4*
03 Feb 2018	2*	2*	4*	18	18	18	78	4*
04 Feb 2018	2*	2*	4*	18	18	18	78	4*
05 Feb 2018	2*	2*	4*	18	18	18	78	4*
06 Feb 2018	2*	2*	4*	18	18	18	78	4*
07 Feb 2018	2	2	3	13	18	13	53	4
08 Feb 2018	2	2	3	13	12	13	53	4
09 Feb 2018	2*	2*	4*	16	5	6	18	3*
10 Feb 2018	2*	2*	4*	16	5	6	18	3*
11 Feb 2018	2*	2*	4*	16	3	3*	11*	3*
12 Feb 2018	2*	2*	4*	16	3	3*	11*	3*
13 Feb 2018	2*	2*	4*	16	3	3*	11*	3*
14 Feb 2018	2	2	4	16	4	3	11	3
15 Feb 2018	2	2	4	16	4	3	11	3
16 Feb 2018	2*	2*	4*	20	4	2*	14*	3*
17 Feb 2018	2*	2*	4*	20	4	2*	14*	3*
18 Feb 2018	2*	2*	4*	20	4	2*	14*	3*
19 Feb 2018	2*	2*	4*	20	4	2*	14*	3*
20 Feb 2018	2*	2*	4*	20	4	2*	14*	3*
21 Feb 2018	2	2	4	20	3	2	10	3
22 Feb 2018	2	2	4	20	3	2	10	3
23 Feb 2018	2*	2*	5*	44	3	2*	9*	3*
24 Feb 2018	2*	2*	5*	44	3	2*	9*	3*
25 Feb 2018	2*	2*	5*	44	3	2*	9*	3*
26 Feb 2018	2*	2*	5*	44	3	2*	9*	3*
27 Feb 2018	2*	2*	5*	44	3	2*	9*	3*
28 Feb 2018	2	3	5	44	3	3	6	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-A	D9	D10	D11	D12
01 Feb 2018	4	2	5	21	15	19	75	9
02 Feb 2018	3*	2*	7*	17*	9	17	114	13*
03 Feb 2018	3*	2*	7*	17*	12	17	114	13*
04 Feb 2018	3*	2*	7*	17*	12	17	114	13*
05 Feb 2018	3*	2*	7*	17*	12	17	114	13*
06 Feb 2018	3*	2*	7*	17*	12	17	114	13*
07 Feb 2018	3	2	5	11	12	12	71	13
08 Feb 2018	3	2	5	11	9	12	71	13
09 Feb 2018	3*	2*	4*	11*	4	5	30	8*
10 Feb 2018	3*	2*	4*	11*	4	5	30	8*
11 Feb 2018	3*	2*	4*	11*	3	5*	28	8*
12 Feb 2018	3*	2*	4*	11*	3	5*	28	8*
13 Feb 2018	3*	2*	4*	11*	3	5*	28	8*
14 Feb 2018	5	2	4	11	4	4	31	6
15 Feb 2018	5	2	4	11	4	4	31	6
16 Feb 2018	5*	2*	4*	7*	3	2*	28	5*
17 Feb 2018	5*	2*	4*	7*	3	2*	28	5*
18 Feb 2018	5*	2*	4*	7*	3	2*	28	5*
19 Feb 2018	5*	2*	4*	7*	3	2*	28	5*
20 Feb 2018	5*	2*	4*	7*	3	2*	28	5*
21 Feb 2018	4	2	4	7	2	2	18	4
22 Feb 2018	4	2	4	7	2	2	18	4
23 Feb 2018	5*	2*	7*	8*	3	2*	16	5*
24 Feb 2018	5*	2*	7*	8*	3	2*	16	5*
25 Feb 2018	5*	2*	7*	8*	3	2*	16	5*
26 Feb 2018	5*	2*	7*	8*	3	2*	16	5*
27 Feb 2018	5*	2*	7*	8*	3	2*	16	5*
28 Feb 2018	4	3	7	8	2	4	22	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-A	D9	D10	D11	D12
01 Feb 2018	ns	ns	ns	IC	ns	ns	ns	ns
07 Feb 2018	IC	IC	IC	IC	ns	IC	IC	IC
08 Feb 2018	ns	ns	ns	ns	IC	ns	ns	ns
14 Feb 2018	IC	IC	ns	ns	IC	IC	IC	IC
21 Feb 2018	IC	IC	ns	ns	IC	IC	IC	IC
28 Feb 2018	IC	IC	ns	ns	IC	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-A	D9	D10	D11	D12
01 Feb 2018	ns	ns	ns	IC	ns	ns	ns	ns
07 Feb 2018	IC	IC	IC	IC	ns	IC	IC	IC
08 Feb 2018	ns	ns	ns	ns	IC	ns	ns	ns
14 Feb 2018	IC	IC	ns	ns	IC	IC	IC	IC
21 Feb 2018	IC	IC	ns	ns	IC	IC	IC	IC
28 Feb 2018	IC	IC	ns	ns	IC	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-A	D9	D10	D11	D12
01 Feb 2018	ns	ns	ns	ns	ns	ns	IC	ns
07 Feb 2018	IC	IC	IC	IC	ns	IC	IC	IC
08 Feb 2018	ns	ns	ns	ns	IC	ns	ns	ns
14 Feb 2018	IC	IC	ns	ns	IC	IC	IC	IC
21 Feb 2018	IC	IC	ns	ns	IC	IC	IC	IC
28 Feb 2018	IC	IC	ns	ns	IC	IC	E	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-A	D9	D10	D11	D12
01 Feb 2018	ns	ns	ns	IC	ns	ns	ns	ns
07 Feb 2018	IC	IC	IC	IC	ns	IC	IC	IC
08 Feb 2018	ns	ns	ns	ns	IC	ns	ns	ns
14 Feb 2018	IC	IC	ns	ns	IC	IC	IC	IC
21 Feb 2018	IC	IC	ns	ns	IC	IC	IC	IC
28 Feb 2018	IC	IC	ns	ns	IC	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 Feb 2018	827	<2	<2	<2	1.00
D4	14 Feb 2018	837	20e	<2	54	0.10
D4	21 Feb 2018	812	4e	<2	<2	0.50
D4	28 Feb 2018	911	<20	2e	4e	0.10
D5	07 Feb 2018	814	<20	<2	2e	0.10
D5	14 Feb 2018	827	20e	<2	<2	0.10
D5	21 Feb 2018	801	<20	<2	<2	0.10
D5	28 Feb 2018	856	40e	16e	12e	0.40
D7	07 Feb 2018	849	<2	<2	<2	1.00
D7	14 Feb 2018	850	ns	ns	ns	ns
D7	21 Feb 2018	830	ns	ns	ns	ns
D7	28 Feb 2018	930	ns	ns	ns	ns
D8-A	01 Feb 2018	1211	20e	24e	ns	1.20
D8-A	07 Feb 2018	903	<20	<2	2e	0.10
D8-A	14 Feb 2018	903	ns	ns	ns	ns
D8-A	21 Feb 2018	856	ns	ns	ns	ns
D8-A	28 Feb 2018	947	ns	ns	ns	ns
D9	07 Feb 2018	938	ns	ns	ns	ns
D9	08 Feb 2018	1128	4e	<2	<2	0.50
D9	14 Feb 2018	916	<20	12e	6e	0.60
D9	21 Feb 2018	916	6e	<2	<2	0.33
D9	28 Feb 2018	1000	40e	<2	2e	0.05
D10	07 Feb 2018	916	<20	<2	<2	0.10
D10	14 Feb 2018	925	4e	<2	<2	0.50
D10	21 Feb 2018	925	20e	2e	2e	0.10
D10	28 Feb 2018	1009	60e	6e	36e	0.10
D11	01 Feb 2018	1158	ns	ns	10e	ns
D11	07 Feb 2018	953	100e	8e	4e	0.08
D11	14 Feb 2018	936	40e	10e	54	0.25
D11	21 Feb 2018	946	<20	2e	<2	0.10
D11	28 Feb 2018	1020	40e	2e	110	0.05
D12	07 Feb 2018	1013	60e	4e	10e	0.07
D12	14 Feb 2018	955	<2	<2	<2	1.00
D12	21 Feb 2018	1012	<2	<2	<2	1.00

Station	Date	Time	Total	Fecal	Enteric	F:T
D12	28 Feb 2018	1044	<2	<2	2e	1.00

ns = not sampled

ND = no data

Comments

Station	Date	Depth	Parameter	Comments
D8-A	01 Feb 2018			Resample for exceedance on 1/31/18
D11	01 Feb 2018			Resample for exceedance on 1/31/18
D9	07 Feb 2018			No access to station due to sinkhole.
D9	08 Feb 2018			Station was sampled on 20180208 Station was not accessible on 20180207
D8-A	08 Feb 2018			Resample
D7	14 Feb 2018			Station not accessible due to unsafe conditions and erosion
D8-A	14 Feb 2018			Station not accessible due to unsafe conditions and erosion
D7	21 Feb 2018			Station not accessible due to unsafe conditions and erosion
D8-A	21 Feb 2018			Station not accessible due to unsafe conditions and erosion
D7	28 Feb 2018			Station not accessible due to unsafe conditions and erosion
D8-A	28 Feb 2018			Station not accessible due to unsafe conditions and erosion

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 Feb 2018	Arrive Time	827
D4	07 Feb 2018	Weather	Foggy
D4	07 Feb 2018	Wind Speed (kts)	1.9
D4	07 Feb 2018	Wind Dir	W
D4	07 Feb 2018	Animal Life	None
D4	07 Feb 2018	Floatables	None
D4	07 Feb 2018	Water Color	Green
D4	07 Feb 2018	Current Direction	W
D4	07 Feb 2018	Water Temp (C)	15
D4	07 Feb 2018	Wave Height Low (ft)	3
D4	07 Feb 2018	High Tide (ft)	4.3
D4	07 Feb 2018	High Tide Time	228
D4	07 Feb 2018	Low Tide (ft)	1.3
D4	07 Feb 2018	Low Tide Time	947
D4	07 Feb 2018	Comments	Water clear
D4	14 Feb 2018	Arrive Time	837
D4	14 Feb 2018	Weather	Sunny
D4	14 Feb 2018	Wind Speed (kts)	2.9
D4	14 Feb 2018	Wind Dir	N
D4	14 Feb 2018	Animal Life	None
D4	14 Feb 2018	Floatables	None
D4	14 Feb 2018	Water Color	Green
D4	14 Feb 2018	Current Direction	N
D4	14 Feb 2018	Water Temp (C)	12.4
D4	14 Feb 2018	Wave Height Low (ft)	1
D4	14 Feb 2018	High Tide (ft)	5.6
D4	14 Feb 2018	High Tide Time	753
D4	14 Feb 2018	Low Tide (ft)	-0.7
D4	14 Feb 2018	Low Tide Time	1452
D4	14 Feb 2018	Comments	Water clear
D4	21 Feb 2018	Arrive Time	812
D4	21 Feb 2018	Weather	Partly Cloudy
D4	21 Feb 2018	Wind Speed (kts)	4.5
D4	21 Feb 2018	Wind Dir	S
D4	21 Feb 2018	Animal Life	None
D4	21 Feb 2018	Floatables	None
D4	21 Feb 2018	Water Color	Green
D4	21 Feb 2018	Current Direction	S
D4	21 Feb 2018	Water Temp (C)	6.4
D4	21 Feb 2018	Wave Height Low (ft)	1
D4	21 Feb 2018	High Tide (ft)	4.4
D4	21 Feb 2018	High Tide Time	1211
D4	21 Feb 2018	Low Tide (ft)	1.2
D4	21 Feb 2018	Low Tide Time	649
D4	21 Feb 2018	Comments	Kelp; Seagrass; Algae; Water clear
D4	28 Feb 2018	Arrive Time	911
D4	28 Feb 2018	Weather	Sunny
D4	28 Feb 2018	Wind Speed (kts)	2.3

Station	Date	Parameter	Value
D4	28 Feb 2018	Wind Dir	NE
D4	28 Feb 2018	Animal Life	None
D4	28 Feb 2018	Floatables	None
D4	28 Feb 2018	Water Color	Green
D4	28 Feb 2018	Current Direction	NE
D4	28 Feb 2018	Water Temp (C)	13
D4	28 Feb 2018	Wave Height Low (ft)	2
D4	28 Feb 2018	High Tide (ft)	6.2
D4	28 Feb 2018	High Tide Time	728
D4	28 Feb 2018	Low Tide (ft)	-1.5
D4	28 Feb 2018	Low Tide Time	1424
D4	28 Feb 2018	Comments	Algae; Water clear
D5	07 Feb 2018	Arrive Time	814
D5	07 Feb 2018	Weather	Foggy
D5	07 Feb 2018	Wind Speed (kts)	0
D5	07 Feb 2018	Wind Dir	
D5	07 Feb 2018	Animal Life	None
D5	07 Feb 2018	Floatables	None
D5	07 Feb 2018	Water Color	Green
D5	07 Feb 2018	Current Direction	
D5	07 Feb 2018	Water Temp (C)	15.8
D5	07 Feb 2018	Wave Height Low (ft)	2
D5	07 Feb 2018	High Tide (ft)	4.3
D5	07 Feb 2018	High Tide Time	228
D5	07 Feb 2018	Low Tide (ft)	1.3
D5	07 Feb 2018	Low Tide Time	947
D5	07 Feb 2018	Comments	Kelp; Water clear
D5	14 Feb 2018	Arrive Time	827
D5	14 Feb 2018	Weather	Sunny
D5	14 Feb 2018	Wind Speed (kts)	1.5
D5	14 Feb 2018	Wind Dir	S
D5	14 Feb 2018	Animal Life	None
D5	14 Feb 2018	Floatables	None
D5	14 Feb 2018	Water Color	Green
D5	14 Feb 2018	Current Direction	S
D5	14 Feb 2018	Water Temp (C)	13.6
D5	14 Feb 2018	Wave Height Low (ft)	0
D5	14 Feb 2018	High Tide (ft)	5.6
D5	14 Feb 2018	High Tide Time	753
D5	14 Feb 2018	Low Tide (ft)	-0.7
D5	14 Feb 2018	Low Tide Time	1452
D5	14 Feb 2018	Comments	Water clear
D5	21 Feb 2018	Arrive Time	801
D5	21 Feb 2018	Weather	Partly Cloudy
D5	21 Feb 2018	Wind Speed (kts)	2.3
D5	21 Feb 2018	Wind Dir	S
D5	21 Feb 2018	Animal Life	None
D5	21 Feb 2018	Floatables	None
D5	21 Feb 2018	Water Color	Green
D5	21 Feb 2018	Current Direction	S
D5	21 Feb 2018	Water Temp (C)	6.6
D5	21 Feb 2018	Wave Height Low (ft)	1

Station	Date	Parameter	Value
D5	21 Feb 2018	High Tide (ft)	4.4
D5	21 Feb 2018	High Tide Time	1211
D5	21 Feb 2018	Low Tide (ft)	1.2
D5	21 Feb 2018	Low Tide Time	649
D5	21 Feb 2018	Comments	Seagrass; Algae; Water clear
D5	28 Feb 2018	Arrive Time	856
D5	28 Feb 2018	Weather	Sunny
D5	28 Feb 2018	Wind Speed (kts)	1.2
D5	28 Feb 2018	Wind Dir	NW
D5	28 Feb 2018	Animal Life	None
D5	28 Feb 2018	Floatables	None
D5	28 Feb 2018	Water Color	Green
D5	28 Feb 2018	Current Direction	NW
D5	28 Feb 2018	Water Temp (C)	13.2
D5	28 Feb 2018	Wave Height Low (ft)	2
D5	28 Feb 2018	High Tide (ft)	6.2
D5	28 Feb 2018	High Tide Time	728
D5	28 Feb 2018	Low Tide (ft)	-1.5
D5	28 Feb 2018	Low Tide Time	1424
D5	28 Feb 2018	Comments	Kelp; Seagrass; Water clear
D7	07 Feb 2018	Arrive Time	849
D7	07 Feb 2018	Weather	Foggy
D7	07 Feb 2018	Wind Speed (kts)	0.5
D7	07 Feb 2018	Wind Dir	W
D7	07 Feb 2018	Animal Life	None
D7	07 Feb 2018	Floatables	None
D7	07 Feb 2018	Water Color	Green
D7	07 Feb 2018	Current Direction	W
D7	07 Feb 2018	Water Temp (C)	15.1
D7	07 Feb 2018	Wave Height Low (ft)	3
D7	07 Feb 2018	High Tide (ft)	4.3
D7	07 Feb 2018	High Tide Time	228
D7	07 Feb 2018	Low Tide (ft)	1.3
D7	07 Feb 2018	Low Tide Time	947
D7	07 Feb 2018	Comments	Kelp; 10 Surfers; Water clear
D7	14 Feb 2018	Arrive Time	850
D7	14 Feb 2018	Weather	Sunny
D7	14 Feb 2018	Wind Speed (kts)	1.5
D7	14 Feb 2018	Wind Dir	N
D7	14 Feb 2018	Animal Life	None
D7	14 Feb 2018	Floatables	None
D7	14 Feb 2018	Water Color	Green
D7	14 Feb 2018	Current Direction	N
D7	14 Feb 2018	Water Temp (C)	
D7	14 Feb 2018	Wave Height Low (ft)	2
D7	14 Feb 2018	High Tide (ft)	5.6
D7	14 Feb 2018	High Tide Time	753
D7	14 Feb 2018	Low Tide (ft)	-0.7
D7	14 Feb 2018	Low Tide Time	1452
D7	14 Feb 2018	Comments	Station not accessible due to unsafe conditions and erosion; Water clear

Station	Date	Parameter	Value
D7	21 Feb 2018	Arrive Time	830
D7	21 Feb 2018	Weather	Partly Cloudy
D7	21 Feb 2018	Wind Speed (kts)	1.5
D7	21 Feb 2018	Wind Dir	S
D7	21 Feb 2018	Animal Life	None
D7	21 Feb 2018	Floatables	None
D7	21 Feb 2018	Water Color	Green
D7	21 Feb 2018	Current Direction	S
D7	21 Feb 2018	Water Temp (C)	
D7	21 Feb 2018	Wave Height Low (ft)	2
D7	21 Feb 2018	High Tide (ft)	4.4
D7	21 Feb 2018	High Tide Time	1211
D7	21 Feb 2018	Low Tide (ft)	1.2
D7	21 Feb 2018	Low Tide Time	649
D7	21 Feb 2018	Comments	Station not accessible due to unsafe conditions and erosion; Water clea
D7	28 Feb 2018	Arrive Time	930
D7	28 Feb 2018	Weather	Sunny
D7	28 Feb 2018	Wind Speed (kts)	2.1
D7	28 Feb 2018	Wind Dir	NE
D7	28 Feb 2018	Animal Life	None
D7	28 Feb 2018	Floatables	None
D7	28 Feb 2018	Water Color	Green
D7	28 Feb 2018	Current Direction	NE
D7	28 Feb 2018	Water Temp (C)	
D7	28 Feb 2018	Wave Height Low (ft)	1
D7	28 Feb 2018	High Tide (ft)	6.2
D7	28 Feb 2018	High Tide Time	728
D7	28 Feb 2018	Low Tide (ft)	-1.5
D7	28 Feb 2018	Low Tide Time	1424
D7	28 Feb 2018	Comments	Station not accessible due to unsafe conditions and erosion
D8-A	01 Feb 2018	Arrive Time	1211
D8-A	01 Feb 2018	Weather	Foggy
D8-A	01 Feb 2018	Wind Speed (kts)	5.4
D8-A	01 Feb 2018	Wind Dir	W
D8-A	01 Feb 2018	Animal Life	None
D8-A	01 Feb 2018	Floatables	None
D8-A	01 Feb 2018	Water Color	Green
D8-A	01 Feb 2018	Current Direction	N
D8-A	01 Feb 2018	Water Temp (C)	12.8
D8-A	01 Feb 2018	Wave Height Low (ft)	4
D8-A	01 Feb 2018	High Tide (ft)	6.5
D8-A	01 Feb 2018	High Tide Time	907
D8-A	01 Feb 2018	Low Tide (ft)	-1.5
D8-A	01 Feb 2018	Low Tide Time	1606
D8-A	01 Feb 2018	Comments	Resample for exceedance on 1/31/18; Kelp; Seagrass; Algae; Water clear
D8-A	07 Feb 2018	Arrive Time	903
D8-A	07 Feb 2018	Weather	Foggy
D8-A	07 Feb 2018	Wind Speed (kts)	5.2
D8-A	07 Feb 2018	Wind Dir	W
D8-A	07 Feb 2018	Animal Life	None

Station	Date	Parameter	Value
D8-A	07 Feb 2018	Floatables	None
D8-A	07 Feb 2018	Water Color	Green
D8-A	07 Feb 2018	Current Direction	W
D8-A	07 Feb 2018	Water Temp (C)	18.1
D8-A	07 Feb 2018	Wave Height Low (ft)	3
D8-A	07 Feb 2018	High Tide (ft)	2.7
D8-A	07 Feb 2018	High Tide Time	1531
D8-A	07 Feb 2018	Low Tide (ft)	1.3
D8-A	07 Feb 2018	Low Tide Time	947
D8-A	07 Feb 2018	Comments	Kelp; 1 Person; 4 Surfers; Water clear
D8-A	14 Feb 2018	Arrive Time	903
D8-A	14 Feb 2018	Weather	Sunny
D8-A	14 Feb 2018	Wind Speed (kts)	2.3
D8-A	14 Feb 2018	Wind Dir	S
D8-A	14 Feb 2018	Animal Life	None
D8-A	14 Feb 2018	Floatables	None
D8-A	14 Feb 2018	Water Color	Green
D8-A	14 Feb 2018	Current Direction	S
D8-A	14 Feb 2018	Water Temp (C)	11.4
D8-A	14 Feb 2018	Wave Height Low (ft)	3
D8-A	14 Feb 2018	High Tide (ft)	5.6
D8-A	14 Feb 2018	High Tide Time	753
D8-A	14 Feb 2018	Low Tide (ft)	-0.7
D8-A	14 Feb 2018	Low Tide Time	1452
D8-A	14 Feb 2018	Comments	Station not accessible due to unsafe conditions and erosion; Kelp; Water clear
D8-A	21 Feb 2018	Arrive Time	856
D8-A	21 Feb 2018	Weather	Partly Cloudy
D8-A	21 Feb 2018	Wind Speed (kts)	5.2
D8-A	21 Feb 2018	Wind Dir	E
D8-A	21 Feb 2018	Animal Life	1 Dog
D8-A	21 Feb 2018	Floatables	None
D8-A	21 Feb 2018	Water Color	Green
D8-A	21 Feb 2018	Current Direction	E
D8-A	21 Feb 2018	Water Temp (C)	5.1
D8-A	21 Feb 2018	Wave Height Low (ft)	1
D8-A	21 Feb 2018	High Tide (ft)	4.4
D8-A	21 Feb 2018	High Tide Time	1211
D8-A	21 Feb 2018	Low Tide (ft)	1.2
D8-A	21 Feb 2018	Low Tide Time	649
D8-A	21 Feb 2018	Comments	Station not accessible due to unsafe conditions and erosion; Kelp; Seagrass; 2 Persons; Water clear
D8-A	28 Feb 2018	Arrive Time	947
D8-A	28 Feb 2018	Weather	Sunny
D8-A	28 Feb 2018	Wind Speed (kts)	
D8-A	28 Feb 2018	Wind Dir	NE
D8-A	28 Feb 2018	Animal Life	None
D8-A	28 Feb 2018	Floatables	None
D8-A	28 Feb 2018	Water Color	Green
D8-A	28 Feb 2018	Current Direction	NE
D8-A	28 Feb 2018	Water Temp (C)	
D8-A	28 Feb 2018	Wave Height Low (ft)	1

Station	Date	Parameter	Value
D8-A	28 Feb 2018	High Tide (ft)	6.2
D8-A	28 Feb 2018	High Tide Time	728
D8-A	28 Feb 2018	Low Tide (ft)	-1.5
D8-A	28 Feb 2018	Low Tide Time	1424
D8-A	28 Feb 2018	Comments	Station not accessible due to unsafe conditions and erosion; Water clear
D9	07 Feb 2018	Arrive Time	938
D9	07 Feb 2018	Weather	Foggy
D9	07 Feb 2018	Wind Speed (kts)	5.6
D9	07 Feb 2018	Wind Dir	W
D9	07 Feb 2018	Animal Life	None
D9	07 Feb 2018	Floatables	None
D9	07 Feb 2018	Water Color	Green
D9	07 Feb 2018	Current Direction	W
D9	07 Feb 2018	Water Temp (C)	14.6
D9	07 Feb 2018	Wave Height Low (ft)	3
D9	07 Feb 2018	High Tide (ft)	2.7
D9	07 Feb 2018	High Tide Time	1531
D9	07 Feb 2018	Low Tide (ft)	1.3
D9	07 Feb 2018	Low Tide Time	947
D9	07 Feb 2018	Comments	Kelp; 3 Surfers; Water clear; Station not accessible due to sinkhole
D9	08 Feb 2018	Arrive Time	1128
D9	08 Feb 2018	Weather	Sunny
D9	08 Feb 2018	Wind Speed (kts)	1.5
D9	08 Feb 2018	Wind Dir	S
D9	08 Feb 2018	Animal Life	None
D9	08 Feb 2018	Floatables	None
D9	08 Feb 2018	Water Color	Green
D9	08 Feb 2018	Current Direction	S
D9	08 Feb 2018	Water Temp (C)	18.3
D9	08 Feb 2018	Wave Height Low (ft)	3
D9	08 Feb 2018	High Tide (ft)	2.8
D9	08 Feb 2018	High Tide Time	1738
D9	08 Feb 2018	Low Tide (ft)	0.9
D9	08 Feb 2018	Low Tide Time	1117
D9	08 Feb 2018	Comments	Algae; 1 Surfer; Water clear
D9	14 Feb 2018	Arrive Time	916
D9	14 Feb 2018	Weather	Sunny
D9	14 Feb 2018	Wind Speed (kts)	1.5
D9	14 Feb 2018	Wind Dir	N
D9	14 Feb 2018	Animal Life	None
D9	14 Feb 2018	Floatables	None
D9	14 Feb 2018	Water Color	Green
D9	14 Feb 2018	Current Direction	N
D9	14 Feb 2018	Water Temp (C)	12
D9	14 Feb 2018	Wave Height Low (ft)	2
D9	14 Feb 2018	High Tide (ft)	5.6
D9	14 Feb 2018	High Tide Time	753
D9	14 Feb 2018	Low Tide (ft)	-0.7
D9	14 Feb 2018	Low Tide Time	1452
D9	14 Feb 2018	Comments	Water clear

Station	Date	Parameter	Value
D9	21 Feb 2018	Arrive Time	916
D9	21 Feb 2018	Weather	Partly Cloudy
D9	21 Feb 2018	Wind Speed (kts)	1.5
D9	21 Feb 2018	Wind Dir	S
D9	21 Feb 2018	Animal Life	None
D9	21 Feb 2018	Floatables	None
D9	21 Feb 2018	Water Color	Green
D9	21 Feb 2018	Current Direction	S
D9	21 Feb 2018	Water Temp (C)	6.2
D9	21 Feb 2018	Wave Height Low (ft)	2
D9	21 Feb 2018	High Tide (ft)	4.4
D9	21 Feb 2018	High Tide Time	1211
D9	21 Feb 2018	Low Tide (ft)	1.2
D9	21 Feb 2018	Low Tide Time	649
D9	21 Feb 2018	Comments	Seagrass; Algae; 1 Person; Water clear
D9	28 Feb 2018	Arrive Time	1000
D9	28 Feb 2018	Weather	Sunny
D9	28 Feb 2018	Wind Speed (kts)	0.5
D9	28 Feb 2018	Wind Dir	NW
D9	28 Feb 2018	Animal Life	None
D9	28 Feb 2018	Floatables	None
D9	28 Feb 2018	Water Color	Green
D9	28 Feb 2018	Current Direction	NW
D9	28 Feb 2018	Water Temp (C)	13.9
D9	28 Feb 2018	Wave Height Low (ft)	1
D9	28 Feb 2018	High Tide (ft)	6.2
D9	28 Feb 2018	High Tide Time	728
D9	28 Feb 2018	Low Tide (ft)	-1.5
D9	28 Feb 2018	Low Tide Time	1424
D9	28 Feb 2018	Comments	Kelp; Seagrass; Algae; Water clear
D10	07 Feb 2018	Arrive Time	916
D10	07 Feb 2018	Weather	Foggy
D10	07 Feb 2018	Wind Speed (kts)	5.1
D10	07 Feb 2018	Wind Dir	W
D10	07 Feb 2018	Animal Life	None
D10	07 Feb 2018	Floatables	None
D10	07 Feb 2018	Water Color	Green
D10	07 Feb 2018	Current Direction	W
D10	07 Feb 2018	Water Temp (C)	17.6
D10	07 Feb 2018	Wave Height Low (ft)	3
D10	07 Feb 2018	High Tide (ft)	2.7
D10	07 Feb 2018	High Tide Time	1531
D10	07 Feb 2018	Low Tide (ft)	1.3
D10	07 Feb 2018	Low Tide Time	947
D10	07 Feb 2018	Comments	Kelp; 5 Surfers; Water clear
D10	14 Feb 2018	Arrive Time	925
D10	14 Feb 2018	Weather	Sunny
D10	14 Feb 2018	Wind Speed (kts)	2.1
D10	14 Feb 2018	Wind Dir	S
D10	14 Feb 2018	Animal Life	None
D10	14 Feb 2018	Floatables	None
D10	14 Feb 2018	Water Color	Green

Station	Date	Parameter	Value
D10	14 Feb 2018	Current Direction	S
D10	14 Feb 2018	Water Temp (C)	13.3
D10	14 Feb 2018	Wave Height Low (ft)	3
D10	14 Feb 2018	High Tide (ft)	5.6
D10	14 Feb 2018	High Tide Time	753
D10	14 Feb 2018	Low Tide (ft)	-0.7
D10	14 Feb 2018	Low Tide Time	1452
D10	14 Feb 2018	Comments	Kelp; 5 Persons; 15 Surfers; Water clear
D10	21 Feb 2018	Arrive Time	925
D10	21 Feb 2018	Weather	Partly Cloudy
D10	21 Feb 2018	Wind Speed (kts)	4.4
D10	21 Feb 2018	Wind Dir	SE
D10	21 Feb 2018	Animal Life	None
D10	21 Feb 2018	Floatables	None
D10	21 Feb 2018	Water Color	Green
D10	21 Feb 2018	Current Direction	SE
D10	21 Feb 2018	Water Temp (C)	5.6
D10	21 Feb 2018	Wave Height Low (ft)	3
D10	21 Feb 2018	High Tide (ft)	4.4
D10	21 Feb 2018	High Tide Time	1211
D10	21 Feb 2018	Low Tide (ft)	1.2
D10	21 Feb 2018	Low Tide Time	649
D10	21 Feb 2018	Comments	Seagrass; 10 Surfers; Water clear
D10	28 Feb 2018	Arrive Time	1009
D10	28 Feb 2018	Weather	Sunny
D10	28 Feb 2018	Wind Speed (kts)	2.3
D10	28 Feb 2018	Wind Dir	SE
D10	28 Feb 2018	Animal Life	None
D10	28 Feb 2018	Floatables	None
D10	28 Feb 2018	Water Color	Green
D10	28 Feb 2018	Current Direction	SE
D10	28 Feb 2018	Water Temp (C)	14.2
D10	28 Feb 2018	Wave Height Low (ft)	2
D10	28 Feb 2018	High Tide (ft)	6.2
D10	28 Feb 2018	High Tide Time	728
D10	28 Feb 2018	Low Tide (ft)	-1.5
D10	28 Feb 2018	Low Tide Time	1424
D10	28 Feb 2018	Comments	Seagrass; 9 Persons; 5 Surfers; Water clear
D11	01 Feb 2018	Arrive Time	1158
D11	01 Feb 2018	Weather	Foggy
D11	01 Feb 2018	Wind Speed (kts)	4.8
D11	01 Feb 2018	Wind Dir	W
D11	01 Feb 2018	Animal Life	None
D11	01 Feb 2018	Floatables	None
D11	01 Feb 2018	Water Color	Green
D11	01 Feb 2018	Current Direction	N
D11	01 Feb 2018	Water Temp (C)	13.3
D11	01 Feb 2018	Wave Height Low (ft)	5
D11	01 Feb 2018	High Tide (ft)	6.5
D11	01 Feb 2018	High Tide Time	907
D11	01 Feb 2018	Low Tide (ft)	-1.5
D11	01 Feb 2018	Low Tide Time	1606

Station	Date	Parameter	Value
D11	01 Feb 2018	Comments	Resample for exceedance on 1/31/18; Kelp; 7 Persons; 3 Surfers; Water clear
D11	07 Feb 2018	Arrive Time	953
D11	07 Feb 2018	Weather	Foggy
D11	07 Feb 2018	Wind Speed (kts)	5.3
D11	07 Feb 2018	Wind Dir	W
D11	07 Feb 2018	Animal Life	None
D11	07 Feb 2018	Floatables	None
D11	07 Feb 2018	Water Color	Green
D11	07 Feb 2018	Current Direction	W
D11	07 Feb 2018	Water Temp (C)	15.8
D11	07 Feb 2018	Wave Height Low (ft)	2
D11	07 Feb 2018	High Tide (ft)	2.7
D11	07 Feb 2018	High Tide Time	1531
D11	07 Feb 2018	Low Tide (ft)	1.3
D11	07 Feb 2018	Low Tide Time	947
D11	07 Feb 2018	Comments	3 Persons; 5 Surfers; Water clear
D11	14 Feb 2018	Arrive Time	936
D11	14 Feb 2018	Weather	Sunny
D11	14 Feb 2018	Wind Speed (kts)	1.9
D11	14 Feb 2018	Wind Dir	S
D11	14 Feb 2018	Animal Life	None
D11	14 Feb 2018	Floatables	None
D11	14 Feb 2018	Water Color	Green
D11	14 Feb 2018	Current Direction	S
D11	14 Feb 2018	Water Temp (C)	12.4
D11	14 Feb 2018	Wave Height Low (ft)	3
D11	14 Feb 2018	High Tide (ft)	5.6
D11	14 Feb 2018	High Tide Time	753
D11	14 Feb 2018	Low Tide (ft)	-0.7
D11	14 Feb 2018	Low Tide Time	1452
D11	14 Feb 2018	Comments	25 Persons; 6 Surfers; Water clear
D11	21 Feb 2018	Arrive Time	946
D11	21 Feb 2018	Weather	Sunny
D11	21 Feb 2018	Wind Speed (kts)	4.8
D11	21 Feb 2018	Wind Dir	S
D11	21 Feb 2018	Animal Life	1 Dog
D11	21 Feb 2018	Floatables	None
D11	21 Feb 2018	Water Color	Green
D11	21 Feb 2018	Current Direction	S
D11	21 Feb 2018	Water Temp (C)	4.2
D11	21 Feb 2018	Wave Height Low (ft)	3
D11	21 Feb 2018	High Tide (ft)	4.4
D11	21 Feb 2018	High Tide Time	1211
D11	21 Feb 2018	Low Tide (ft)	1.2
D11	21 Feb 2018	Low Tide Time	649
D11	21 Feb 2018	Comments	10 Persons; 9 Surfers; Water clear
D11	28 Feb 2018	Arrive Time	1020
D11	28 Feb 2018	Weather	Sunny
D11	28 Feb 2018	Wind Speed (kts)	0.1
D11	28 Feb 2018	Wind Dir	SE

Station	Date	Parameter	Value
D11	28 Feb 2018	Animal Life	3 Dogs
D11	28 Feb 2018	Floatables	None
D11	28 Feb 2018	Water Color	Green
D11	28 Feb 2018	Current Direction	SE
D11	28 Feb 2018	Water Temp (C)	15
D11	28 Feb 2018	Wave Height Low (ft)	2
D11	28 Feb 2018	High Tide (ft)	6.2
D11	28 Feb 2018	High Tide Time	728
D11	28 Feb 2018	Low Tide (ft)	-1.5
D11	28 Feb 2018	Low Tide Time	1424
D11	28 Feb 2018	Comments	Kelp; Seagrass; 8 Persons; 2 Surfers; Water clear
D12	07 Feb 2018	Arrive Time	1013
D12	07 Feb 2018	Weather	Foggy
D12	07 Feb 2018	Wind Speed (kts)	5.6
D12	07 Feb 2018	Wind Dir	W
D12	07 Feb 2018	Animal Life	None
D12	07 Feb 2018	Floatables	None
D12	07 Feb 2018	Water Color	Green
D12	07 Feb 2018	Current Direction	W
D12	07 Feb 2018	Water Temp (C)	14.6
D12	07 Feb 2018	Wave Height Low (ft)	2
D12	07 Feb 2018	High Tide (ft)	2.7
D12	07 Feb 2018	High Tide Time	1531
D12	07 Feb 2018	Low Tide (ft)	1.3
D12	07 Feb 2018	Low Tide Time	947
D12	07 Feb 2018	Comments	12 Persons; Water clear
D12	14 Feb 2018	Arrive Time	955
D12	14 Feb 2018	Weather	Sunny
D12	14 Feb 2018	Wind Speed (kts)	1.9
D12	14 Feb 2018	Wind Dir	E
D12	14 Feb 2018	Animal Life	None
D12	14 Feb 2018	Floatables	None
D12	14 Feb 2018	Water Color	Green
D12	14 Feb 2018	Current Direction	E
D12	14 Feb 2018	Water Temp (C)	15.4
D12	14 Feb 2018	Wave Height Low (ft)	1
D12	14 Feb 2018	High Tide (ft)	5.6
D12	14 Feb 2018	High Tide Time	753
D12	14 Feb 2018	Low Tide (ft)	-0.7
D12	14 Feb 2018	Low Tide Time	1452
D12	14 Feb 2018	Comments	Kelp; 10 Persons; Water clear
D12	21 Feb 2018	Arrive Time	1012
D12	21 Feb 2018	Weather	Partly Cloudy
D12	21 Feb 2018	Wind Speed (kts)	3.3
D12	21 Feb 2018	Wind Dir	S
D12	21 Feb 2018	Animal Life	None
D12	21 Feb 2018	Floatables	None
D12	21 Feb 2018	Water Color	Green
D12	21 Feb 2018	Current Direction	S
D12	21 Feb 2018	Water Temp (C)	6.1
D12	21 Feb 2018	Wave Height Low (ft)	3
D12	21 Feb 2018	High Tide (ft)	4.4

Station	Date	Parameter	Value
D12	21 Feb 2018	High Tide Time	1211
D12	21 Feb 2018	Low Tide (ft)	1.2
D12	21 Feb 2018	Low Tide Time	649
D12	21 Feb 2018	Comments	Seagrass; 14 Persons; Water clear
D12	28 Feb 2018	Arrive Time	1044
D12	28 Feb 2018	Weather	Sunny
D12	28 Feb 2018	Wind Speed (kts)	5.4
D12	28 Feb 2018	Wind Dir	SW
D12	28 Feb 2018	Animal Life	None
D12	28 Feb 2018	Floatables	None
D12	28 Feb 2018	Water Color	Green
D12	28 Feb 2018	Current Direction	SW
D12	28 Feb 2018	Water Temp (C)	14.6
D12	28 Feb 2018	Wave Height Low (ft)	1
D12	28 Feb 2018	High Tide (ft)	6.2
D12	28 Feb 2018	High Tide Time	728
D12	28 Feb 2018	Low Tide (ft)	-1.5
D12	28 Feb 2018	Low Tide Time	1424
D12	28 Feb 2018	Comments	2 Joggers; 13 Persons; Water clear

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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 Feb 2018	6	6	8	4	7	4	16	13
02 Feb 2018	8*	5*	7*	5*	7*	5*	21*	22*
03 Feb 2018	8*	5*	7*	5*	7*	5*	21*	22*
04 Feb 2018	8*	5*	7*	5*	7*	5*	21*	22*
05 Feb 2018	6	5	5	4	5	4	13	13
06 Feb 2018	6	5	5	4	5	4	13	13
07 Feb 2018	6	5	5	4	5	4	13	13
08 Feb 2018	6	5	5	4	5	4	13	13
09 Feb 2018	6	5	5	4	5	4	13	13
10 Feb 2018	5*	3*	4*	3*	4*	3*	7*	7*
11 Feb 2018	5*	3*	4*	3*	4*	3*	7*	7*
12 Feb 2018	5*	3*	4*	3*	4*	3*	7*	7*
13 Feb 2018	5*	3*	4*	3*	4*	3*	7*	7*
14 Feb 2018	5*	3*	4*	3*	4*	3*	7*	7*
15 Feb 2018	6*	4*	4*	2*	2*	2*	6*	5*
16 Feb 2018	6*	9*	8*	2*	2*	2*	7*	5*
17 Feb 2018	6*	9*	8*	2*	2*	2*	7*	5*
18 Feb 2018	6*	9*	8*	2*	2*	2*	7*	5*
19 Feb 2018	6*	9*	8*	2*	2*	2*	7*	5*
20 Feb 2018	7	12	10	3	4	3	9	6
21 Feb 2018	6*	19*	13*	4*	5*	4*	9*	5*
22 Feb 2018	6*	19*	13*	4*	5*	4*	9*	5*
23 Feb 2018	6*	19*	13*	4*	5*	4*	9*	5*
24 Feb 2018	6*	19*	13*	4*	5*	4*	9*	5*
25 Feb 2018	6*	19*	13*	4*	5*	4*	9*	5*
26 Feb 2018	7	14	9	3	4	3	8	5
27 Feb 2018	7	14	9	3	4	3	8	5
28 Feb 2018	6*	15*	10*	4*	5*	4*	7*	5*

* 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 Feb 2018	2	2	2	2	2	2	3	3
02 Feb 2018	2*	2*	2*	2*	2*	2*	4*	3*
03 Feb 2018	2*	2*	2*	2*	2*	2*	4*	3*
04 Feb 2018	2*	2*	2*	2*	2*	2*	4*	3*
05 Feb 2018	2	2	2	2	2	2	3	3
06 Feb 2018	2	2	2	2	2	2	3	3
07 Feb 2018	2	2	2	2	2	2	3	3
08 Feb 2018	2	2	2	2	2	2	3	3
09 Feb 2018	2	2	2	2	2	2	3	3
10 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
11 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
12 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
13 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
14 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
15 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
16 Feb 2018	2*	3*	2*	2*	2*	2*	2*	2*
17 Feb 2018	2*	3*	2*	2*	2*	2*	2*	2*
18 Feb 2018	2*	3*	2*	2*	2*	2*	2*	2*
19 Feb 2018	2*	3*	2*	2*	2*	2*	2*	2*
20 Feb 2018	2	3	2	2	2	2	2	2
21 Feb 2018	2*	3*	3*	2*	2*	2*	2*	2*
22 Feb 2018	2*	3*	3*	2*	2*	2*	2*	2*
23 Feb 2018	2*	3*	3*	2*	2*	2*	2*	2*
24 Feb 2018	2*	3*	3*	2*	2*	2*	2*	2*
25 Feb 2018	2*	3*	3*	2*	2*	2*	2*	2*
26 Feb 2018	2	3	2	2	2	2	2	2
27 Feb 2018	2	3	2	2	2	2	2	2
28 Feb 2018	2*	3*	3*	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 Feb 2018	4	2	3	2	2	2	3	5
02 Feb 2018	2*	2*	2*	2*	2*	2*	3*	3*
03 Feb 2018	2*	2*	2*	2*	2*	2*	3*	3*
04 Feb 2018	2*	2*	2*	2*	2*	2*	3*	3*
05 Feb 2018	2	2	2	2	2	2	3	3
06 Feb 2018	2	2	2	2	2	2	3	3
07 Feb 2018	2	2	2	2	2	2	3	3
08 Feb 2018	2	2	2	2	2	2	3	3
09 Feb 2018	2	2	2	2	2	2	3	3
10 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
11 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
12 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
13 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
14 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
15 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
16 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
17 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
18 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
19 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
20 Feb 2018	2	2	2	2	2	2	2	2
21 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
22 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
23 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
24 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
25 Feb 2018	2*	2*	2*	2*	2*	2*	2*	2*
26 Feb 2018	2	2	2	2	2	2	2	2
27 Feb 2018	2	2	2	2	2	2	2	2
28 Feb 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 Feb 2018	IC							
16 Feb 2018	IC							
20 Feb 2018	IC							
26 Feb 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 Feb 2018	IC							
16 Feb 2018	IC							
20 Feb 2018	IC							
26 Feb 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 Feb 2018	IC							
16 Feb 2018	IC							
20 Feb 2018	IC							
26 Feb 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 Feb 2018	IC							
16 Feb 2018	IC							
20 Feb 2018	IC							
26 Feb 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 Feb 2018	821	1	<2	<2	<2	1.00	16.1	87.16	8.1	33.51	8.1
A1	05 Feb 2018	821	12	<2	<2	<2	1.00	14.7	86.95	7.6	33.45	8.1
A1	05 Feb 2018	821	18	<2	<2	<2	1.00	14.6	86.43	7.6	33.45	8.1
A1	16 Feb 2018	743	1	<2	<2	<2	1.00	15.8	81.89	8.3	33.49	8.2
A1	16 Feb 2018	743	12	2e	<2	<2	1.00	15.6	81.81	8.0	33.49	8.2
A1	16 Feb 2018	743	18	20e	<2	<2	0.10	14.6	83.19	7.3	33.46	8.1
A1	20 Feb 2018	758	1	18e	<2	<2	0.11	14.6	81.75	7.5	33.44	8.1
A1	20 Feb 2018	758	12	<2	<2	<2	1.00	13.6	85.84	7.0	33.42	8.1
A1	20 Feb 2018	758	18	2e	<2	<2	1.00	13.5	85.81	7.0	33.43	8.1
A1	26 Feb 2018	809	1	14e	<2	<2	0.14	13.9	79.91	7.5	33.53	8.0
A1	26 Feb 2018	809	12	10e	<2	<2	0.20	13.7	80.85	7.2	33.52	8.0
A1	26 Feb 2018	809	18	8e	2e	<2	0.25	13.5	81.47	6.9	33.52	8.0
C4	05 Feb 2018	1002	1	<2	<2	<2	1.00	16.1	86.37	8.0	33.52	8.1
C4	05 Feb 2018	1002	3	<2	<2	<2	1.00	16.1	86.29	8.1	33.51	8.1
C4	05 Feb 2018	1002	9	<2	2e	<2	1.00	15.4	83.70	8.2	33.49	8.2
C4	16 Feb 2018	916	1	<2	<2	<2	1.00	16.0	80.97	8.2	33.51	8.2
C4	16 Feb 2018	916	3	2e	<2	<2	1.00	16.0	81.01	8.2	33.51	8.2
C4	16 Feb 2018	916	9	2e	2e	<2	1.00	15.6	83.21	7.7	33.48	8.2
C4	20 Feb 2018	923	1	<20	<2	<2	0.10	14.8	73.67	7.5	33.52	8.2
C4	20 Feb 2018	923	3	<20	<2	<2	0.10	14.8	71.66	7.5	33.54	8.2
C4	20 Feb 2018	923	9	<20	<2	<2	0.10	13.9	65.42	6.9	33.51	8.1
C4	26 Feb 2018	953	1	<2	<2	<2	1.00	14.1	78.12	7.8	33.57	8.1
C4	26 Feb 2018	953	3	<2	<2	<2	1.00	14.1	78.12	7.8	33.57	8.1
C4	26 Feb 2018	953	9	4e	<2	<2	0.50	13.9	77.71	7.9	33.57	8.1
C5	05 Feb 2018	949	1	<2	<2	<2	1.00	16.0	85.20	8.4	33.50	8.2
C5	05 Feb 2018	949	3	2e	<2	<2	1.00	15.9	85.10	8.4	33.50	8.2
C5	05 Feb 2018	949	9	<2	<2	<2	1.00	15.7	85.60	8.2	33.50	8.2
C5	16 Feb 2018	906	1	2e	<2	<2	1.00	16.0	80.47	8.1	33.52	8.2
C5	16 Feb 2018	906	3	<2	<2	<2	1.00	16.0	80.07	8.1	33.52	8.2
C5	16 Feb 2018	906	9	6e	<2	<2	0.33	15.7	82.20	7.8	33.49	8.2
C5	20 Feb 2018	913	1	8e	<2	<2	0.25	15.0	64.08	7.4	33.53	8.2
C5	20 Feb 2018	913	3	<20	<2	<2	0.10	15.0	66.65	7.4	33.54	8.2
C5	20 Feb 2018	913	9	76	10e	<2	0.13	14.1	75.87	6.7	33.52	8.1
C5	26 Feb 2018	939	1	<2	<2	<2	1.00	14.0	81.19	7.9	33.54	8.1
C5	26 Feb 2018	939	3	<2	<2	<2	1.00	14.0	81.10	7.9	33.54	8.1
C5	26 Feb 2018	939	9	<2	<2	<2	1.00	13.5	83.04	6.8	33.52	8.0

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	Temp	XMS	DO	Sal	pH
A6	05 Feb 2018	855	1	<2	<2	<2	1.00	16.1	86.69	8.1	33.50	8.1
A6	05 Feb 2018	855	12	6e	<2	<2	0.33	15.1	86.65	7.6	33.48	8.1
A6	05 Feb 2018	855	18	<2	<2	<2	1.00	14.7	86.66	7.6	33.46	8.1
A6	16 Feb 2018	809	1	2e	<2	<2	1.00	15.8	80.98	8.3	33.49	8.2
A6	16 Feb 2018	809	12	40e	10e	2e	0.25	15.2	82.82	7.6	33.48	8.1
A6	16 Feb 2018	809	18	220e	8e	6e	0.04	14.1	82.63	6.8	33.48	8.1
A6	20 Feb 2018	822	1	4e	<2	<2	0.50	15.2	74.68	7.6	33.53	8.2
A6	20 Feb 2018	822	12	32e	2e	<2	0.06	14.4	81.03	7.0	33.48	8.1
A6	20 Feb 2018	822	18	82	2e	2e	0.02	13.4	82.03	6.4	33.46	8.0
A6	26 Feb 2018	843	1	<2	<2	<2	1.00	14.0	81.26	7.7	33.52	8.1
A6	26 Feb 2018	843	12	6e	<2	<2	0.33	14.0	81.14	7.7	33.52	8.0
A6	26 Feb 2018	843	18	4e	<2	<2	0.50	13.7	83.40	7.0	33.52	8.0
C6	05 Feb 2018	939	1	<2	<2	<2	1.00	16.1	85.53	8.5	33.51	8.2
C6	05 Feb 2018	939	3	<2	<2	<2	1.00	16.1	85.54	8.5	33.51	8.2
C6	05 Feb 2018	939	9	<2	<2	<2	1.00	15.1	85.67	8.1	33.52	8.1
C6	16 Feb 2018	856	1	<2	<2	<2	1.00	16.1	81.33	8.4	33.51	8.2
C6	16 Feb 2018	856	3	<2	<2	<2	1.00	16.1	81.37	8.4	33.52	8.2
C6	16 Feb 2018	856	9	2e	<2	<2	1.00	15.8	83.44	7.6	33.49	8.2
C6	20 Feb 2018	902	1	<20	<2	<2	0.10	15.2	60.84	7.6	33.55	8.2
C6	20 Feb 2018	902	3	<20	<2	<2	0.10	15.2	62.41	7.6	33.55	8.2
C6	20 Feb 2018	902	9	40e	2e	<2	0.05	13.7	66.18	6.3	33.46	8.1
C6	26 Feb 2018	928	1	<2	<2	<2	1.00	14.1	79.87	8.3	33.55	8.1
C6	26 Feb 2018	928	3	<2	<2	<2	1.00	14.1	79.78	8.2	33.54	8.1
C6	26 Feb 2018	928	9	<2	<2	<2	1.00	13.6	82.97	6.7	33.51	8.0
A7	05 Feb 2018	842	1	<2	<2	<2	1.00	16.2	86.83	8.0	33.51	8.1
A7	05 Feb 2018	842	12	<2	<2	<2	1.00	14.8	86.74	7.6	33.48	8.1
A7	05 Feb 2018	842	18	<2	<2	<2	1.00	14.6	86.51	7.6	33.45	8.1
A7	16 Feb 2018	757	1	2e	<2	<2	1.00	15.7	81.93	8.0	33.49	8.2
A7	16 Feb 2018	757	12	10e	<2	<2	0.20	15.3	83.20	7.6	33.49	8.1
A7	16 Feb 2018	757	18	160e	8e	2e	0.05	14.0	82.49	6.8	33.47	8.1
A7	20 Feb 2018	810	1	10e	<2	<2	0.20	14.6	79.45	7.4	33.45	8.1
A7	20 Feb 2018	810	12	30e	<2	<2	0.07	13.6	84.52	6.8	33.44	8.1
A7	20 Feb 2018	810	18	70	4e	4e	0.06	13.3	82.17	6.4	33.45	8.0
A7	26 Feb 2018	825	1	<2	<2	<2	1.00	14.0	81.11	7.7	33.53	8.1
A7	26 Feb 2018	825	12	<2	<2	<2	1.00	14.1	80.53	7.8	33.54	8.1
A7	26 Feb 2018	825	18	<2	<2	<2	1.00	13.9	79.46	7.4	33.54	8.0
C7	05 Feb 2018	908	1	<2	<2	<2	1.00	16.2	86.24	8.0	33.51	8.1
C7	05 Feb 2018	908	12	<2	<2	<2	1.00	16.2	86.46	8.1	33.51	8.1
C7	05 Feb 2018	908	18	2e	<2	<2	1.00	14.4	85.86	7.2	33.45	8.1
C7	16 Feb 2018	825	1	<2	<2	<2	1.00	15.9	81.04	8.1	33.49	8.2
C7	16 Feb 2018	825	12	2e	<2	<2	1.00	15.3	83.82	7.6	33.48	8.2

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	Temp	XMS	DO	Sal	pH
C7	16 Feb 2018	825	18	28e	<2	<2	0.07	14.9	84.02	7.3	33.48	8.1
C7	20 Feb 2018	835	1	<2	<2	2e	1.00	15.4	71.87	7.7	33.54	8.2
C7	20 Feb 2018	835	12	20e	<2	2e	0.10	14.0	76.59	6.6	33.47	8.1
C7	20 Feb 2018	835	18	30e	<2	2e	0.07	13.8	81.63	6.5	33.47	8.1
C7	26 Feb 2018	854	1	2e	<2	<2	1.00	14.2	78.43	8.0	33.53	8.1
C7	26 Feb 2018	854	12	2e	<2	<2	1.00	13.8	81.68	7.2	33.52	8.0
C7	26 Feb 2018	854	18	14e	<2	2e	0.14	12.3	83.98	5.6	33.52	7.9
C8	05 Feb 2018	919	1	<2	<2	<2	1.00	16.3	84.05	8.0	33.50	8.1
C8	05 Feb 2018	919	12	<2	<2	<2	1.00	16.1	86.60	8.1	33.50	8.2
C8	05 Feb 2018	919	18	<2	<2	<2	1.00	14.6	85.07	7.4	33.48	8.1
C8	16 Feb 2018	838	1	<2	<2	<2	1.00	15.9	81.12	8.1	33.49	8.2
C8	16 Feb 2018	838	12	2e	<2	<2	1.00	15.4	83.50	7.7	33.48	8.2
C8	16 Feb 2018	838	18	14e	<2	<2	0.14	15.2	84.01	7.5	33.48	8.1
C8	20 Feb 2018	845	1	<2	<2	<2	1.00	15.3	80.77	7.8	33.52	8.2
C8	20 Feb 2018	845	12	2e	<2	<2	1.00	15.0	78.13	7.6	33.52	8.2
C8	20 Feb 2018	845	18	20e	<2	<2	0.10	14.2	76.52	6.7	33.47	8.1
C8	26 Feb 2018	906	1	<2	<2	<2	1.00	14.2	78.45	7.9	33.53	8.1
C8	26 Feb 2018	906	12	2e	<2	<2	1.00	13.3	79.99	6.7	33.53	8.0
C8	26 Feb 2018	906	18	16e	<2	<2	0.12	12.0	82.88	5.3	33.52	7.9

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 Feb 2018	Depth (m)	18
A1	05 Feb 2018	Arrive Time	821
A1	05 Feb 2018	Depart Time	839
A1	05 Feb 2018	Air Temp (C)	13
A1	05 Feb 2018	Weather	Haze
A1	05 Feb 2018	Visibility (mi)	2
A1	05 Feb 2018	Wind Speed (kts)	6
A1	05 Feb 2018	Wind Dir	NE
A1	05 Feb 2018	Water Color	Greenish-Blue
A1	05 Feb 2018	Wave Ht Low (ft)	2
A1	05 Feb 2018	Wave Period (sec)	7
A1	05 Feb 2018	Sea State	Light chop
A1	05 Feb 2018	High Tide (ft)	4.44
A1	05 Feb 2018	High Tide Time	1234
A1	05 Feb 2018	Low Tide (ft)	1.38
A1	05 Feb 2018	Low Tide Time	646
A1	05 Feb 2018	Comments	Kelp
A1	16 Feb 2018	Depth (m)	19
A1	16 Feb 2018	Arrive Time	743
A1	16 Feb 2018	Depart Time	756
A1	16 Feb 2018	Air Temp (C)	15
A1	16 Feb 2018	Weather	Partly Cloudy
A1	16 Feb 2018	Visibility (mi)	15
A1	16 Feb 2018	Wind Speed (kts)	6
A1	16 Feb 2018	Wind Dir	N
A1	16 Feb 2018	Water Color	Brownish-Green
A1	16 Feb 2018	Wave Ht Low (ft)	4
A1	16 Feb 2018	Wave Period (sec)	11
A1	16 Feb 2018	Sea State	Confused swell
A1	16 Feb 2018	High Tide (ft)	5.5
A1	16 Feb 2018	High Tide Time	856
A1	16 Feb 2018	Low Tide (ft)	-0.61
A1	16 Feb 2018	Low Tide Time	1546
A1	16 Feb 2018	Comments	none
A1	20 Feb 2018	Depth (m)	19
A1	20 Feb 2018	Arrive Time	758
A1	20 Feb 2018	Depart Time	802
A1	20 Feb 2018	Air Temp (C)	9
A1	20 Feb 2018	Weather	Clear
A1	20 Feb 2018	Visibility (mi)	8
A1	20 Feb 2018	Wind Speed (kts)	11
A1	20 Feb 2018	Wind Dir	N
A1	20 Feb 2018	Water Color	Green
A1	20 Feb 2018	Wave Ht Low (ft)	6
A1	20 Feb 2018	Wave Period (sec)	7
A1	20 Feb 2018	Sea State	Light chop
A1	20 Feb 2018	High Tide (ft)	3.86
A1	20 Feb 2018	High Tide Time	1125
A1	20 Feb 2018	Low Tide (ft)	1.15

Station	Date	Parameter	Value
A1	20 Feb 2018	Low Tide Time	541
A1	20 Feb 2018	Comments	Kelp
A1	26 Feb 2018	Depth (m)	20
A1	26 Feb 2018	Arrive Time	809
A1	26 Feb 2018	Depart Time	817
A1	26 Feb 2018	Air Temp (C)	16
A1	26 Feb 2018	Weather	Partly Cloudy
A1	26 Feb 2018	Visibility (mi)	10
A1	26 Feb 2018	Wind Speed (kts)	8
A1	26 Feb 2018	Wind Dir	SE
A1	26 Feb 2018	Water Color	Greenish-Blue
A1	26 Feb 2018	Wave Ht Low (ft)	3
A1	26 Feb 2018	Wave Period (sec)	9
A1	26 Feb 2018	Sea State	Confused swell
A1	26 Feb 2018	High Tide (ft)	5.64
A1	26 Feb 2018	High Tide Time	547
A1	26 Feb 2018	Low Tide (ft)	-1.03
A1	26 Feb 2018	Low Tide Time	1303
A1	26 Feb 2018	Comments	none
C4	05 Feb 2018	Depth (m)	9
C4	05 Feb 2018	Arrive Time	1002
C4	05 Feb 2018	Depart Time	1015
C4	05 Feb 2018	Air Temp (C)	13
C4	05 Feb 2018	Weather	Haze
C4	05 Feb 2018	Visibility (mi)	2
C4	05 Feb 2018	Wind Speed (kts)	5
C4	05 Feb 2018	Wind Dir	SE
C4	05 Feb 2018	Water Color	Greenish-Blue
C4	05 Feb 2018	Wave Ht Low (ft)	2
C4	05 Feb 2018	Wave Period (sec)	7
C4	05 Feb 2018	Sea State	Light chop
C4	05 Feb 2018	High Tide (ft)	4.44
C4	05 Feb 2018	High Tide Time	1234
C4	05 Feb 2018	Low Tide (ft)	1.38
C4	05 Feb 2018	Low Tide Time	646
C4	05 Feb 2018	Comments	Kelp debris
C4	16 Feb 2018	Depth (m)	12
C4	16 Feb 2018	Arrive Time	916
C4	16 Feb 2018	Depart Time	924
C4	16 Feb 2018	Air Temp (C)	19
C4	16 Feb 2018	Weather	Partly Cloudy
C4	16 Feb 2018	Visibility (mi)	15
C4	16 Feb 2018	Wind Speed (kts)	3
C4	16 Feb 2018	Wind Dir	NW
C4	16 Feb 2018	Water Color	Greenish-Blue
C4	16 Feb 2018	Wave Ht Low (ft)	4
C4	16 Feb 2018	Wave Period (sec)	11
C4	16 Feb 2018	Sea State	Confused swell
C4	16 Feb 2018	High Tide (ft)	5.5
C4	16 Feb 2018	High Tide Time	856
C4	16 Feb 2018	Low Tide (ft)	-0.61
C4	16 Feb 2018	Low Tide Time	1546

Station	Date	Parameter	Value
C4	16 Feb 2018	Comments	none
C4	20 Feb 2018	Depth (m)	11
C4	20 Feb 2018	Arrive Time	923
C4	20 Feb 2018	Depart Time	926
C4	20 Feb 2018	Air Temp (C)	10
C4	20 Feb 2018	Weather	Clear
C4	20 Feb 2018	Visibility (mi)	8
C4	20 Feb 2018	Wind Speed (kts)	10
C4	20 Feb 2018	Wind Dir	NE
C4	20 Feb 2018	Water Color	Green
C4	20 Feb 2018	Wave Ht Low (ft)	6
C4	20 Feb 2018	Wave Period (sec)	7
C4	20 Feb 2018	Sea State	Confused swell
C4	20 Feb 2018	High Tide (ft)	3.86
C4	20 Feb 2018	High Tide Time	1125
C4	20 Feb 2018	Low Tide (ft)	1.15
C4	20 Feb 2018	Low Tide Time	541
C4	20 Feb 2018	Comments	Kelp; Kelp debris
C4	26 Feb 2018	Depth (m)	10
C4	26 Feb 2018	Arrive Time	953
C4	26 Feb 2018	Depart Time	956
C4	26 Feb 2018	Air Temp (C)	17
C4	26 Feb 2018	Weather	Partly Cloudy
C4	26 Feb 2018	Visibility (mi)	10
C4	26 Feb 2018	Wind Speed (kts)	11
C4	26 Feb 2018	Wind Dir	S
C4	26 Feb 2018	Water Color	Green
C4	26 Feb 2018	Wave Ht Low (ft)	3
C4	26 Feb 2018	Wave Period (sec)	9
C4	26 Feb 2018	Sea State	Calm
C4	26 Feb 2018	High Tide (ft)	5.64
C4	26 Feb 2018	High Tide Time	547
C4	26 Feb 2018	Low Tide (ft)	-1.03
C4	26 Feb 2018	Low Tide Time	1303
C4	26 Feb 2018	Comments	Kelp
C5	05 Feb 2018	Depth (m)	11
C5	05 Feb 2018	Arrive Time	949
C5	05 Feb 2018	Depart Time	957
C5	05 Feb 2018	Air Temp (C)	13
C5	05 Feb 2018	Weather	Haze
C5	05 Feb 2018	Visibility (mi)	2
C5	05 Feb 2018	Wind Speed (kts)	6
C5	05 Feb 2018	Wind Dir	SE
C5	05 Feb 2018	Water Color	Greenish-Blue
C5	05 Feb 2018	Wave Ht Low (ft)	2
C5	05 Feb 2018	Wave Period (sec)	7
C5	05 Feb 2018	Sea State	Light chop
C5	05 Feb 2018	High Tide (ft)	4.44
C5	05 Feb 2018	High Tide Time	1234
C5	05 Feb 2018	Low Tide (ft)	1.38
C5	05 Feb 2018	Low Tide Time	646
C5	05 Feb 2018	Comments	none

Station	Date	Parameter	Value
C5	16 Feb 2018	Depth (m)	14
C5	16 Feb 2018	Arrive Time	906
C5	16 Feb 2018	Depart Time	910
C5	16 Feb 2018	Air Temp (C)	18
C5	16 Feb 2018	Weather	Partly Cloudy
C5	16 Feb 2018	Visibility (mi)	15
C5	16 Feb 2018	Wind Speed (kts)	9
C5	16 Feb 2018	Wind Dir	NW
C5	16 Feb 2018	Water Color	Greenish-Blue
C5	16 Feb 2018	Wave Ht Low (ft)	4
C5	16 Feb 2018	Wave Period (sec)	11
C5	16 Feb 2018	Sea State	Confused swell
C5	16 Feb 2018	High Tide (ft)	5.5
C5	16 Feb 2018	High Tide Time	856
C5	16 Feb 2018	Low Tide (ft)	-0.61
C5	16 Feb 2018	Low Tide Time	1546
C5	16 Feb 2018	Comments	none
C5	20 Feb 2018	Depth (m)	9
C5	20 Feb 2018	Arrive Time	913
C5	20 Feb 2018	Depart Time	916
C5	20 Feb 2018	Air Temp (C)	11
C5	20 Feb 2018	Weather	Clear
C5	20 Feb 2018	Visibility (mi)	8
C5	20 Feb 2018	Wind Speed (kts)	5
C5	20 Feb 2018	Wind Dir	NE
C5	20 Feb 2018	Water Color	Green
C5	20 Feb 2018	Wave Ht Low (ft)	6
C5	20 Feb 2018	Wave Period (sec)	7
C5	20 Feb 2018	Sea State	Confused swell
C5	20 Feb 2018	High Tide (ft)	3.86
C5	20 Feb 2018	High Tide Time	1125
C5	20 Feb 2018	Low Tide (ft)	1.15
C5	20 Feb 2018	Low Tide Time	541
C5	20 Feb 2018	Comments	Kelp; Seagrass
C5	26 Feb 2018	Depth (m)	10
C5	26 Feb 2018	Arrive Time	939
C5	26 Feb 2018	Depart Time	944
C5	26 Feb 2018	Air Temp (C)	17
C5	26 Feb 2018	Weather	Partly Cloudy
C5	26 Feb 2018	Visibility (mi)	10
C5	26 Feb 2018	Wind Speed (kts)	9
C5	26 Feb 2018	Wind Dir	SE
C5	26 Feb 2018	Water Color	Greenish-Blue
C5	26 Feb 2018	Wave Ht Low (ft)	3
C5	26 Feb 2018	Wave Period (sec)	9
C5	26 Feb 2018	Sea State	Calm
C5	26 Feb 2018	High Tide (ft)	5.64
C5	26 Feb 2018	High Tide Time	547
C5	26 Feb 2018	Low Tide (ft)	-1.03
C5	26 Feb 2018	Low Tide Time	1303
C5	26 Feb 2018	Comments	Kelp

Station	Date	Parameter	Value
A6	05 Feb 2018	Depth (m)	18
A6	05 Feb 2018	Arrive Time	855
A6	05 Feb 2018	Depart Time	901
A6	05 Feb 2018	Air Temp (C)	13
A6	05 Feb 2018	Weather	Haze
A6	05 Feb 2018	Visibility (mi)	1
A6	05 Feb 2018	Wind Speed (kts)	8
A6	05 Feb 2018	Wind Dir	E
A6	05 Feb 2018	Water Color	Greenish-Blue
A6	05 Feb 2018	Wave Ht Low (ft)	2
A6	05 Feb 2018	Wave Period (sec)	7
A6	05 Feb 2018	Sea State	Light chop
A6	05 Feb 2018	High Tide (ft)	4.44
A6	05 Feb 2018	High Tide Time	1234
A6	05 Feb 2018	Low Tide (ft)	1.38
A6	05 Feb 2018	Low Tide Time	646
A6	05 Feb 2018	Comments	Kelp
A6	16 Feb 2018	Depth (m)	18
A6	16 Feb 2018	Arrive Time	809
A6	16 Feb 2018	Depart Time	816
A6	16 Feb 2018	Air Temp (C)	17
A6	16 Feb 2018	Weather	Partly Cloudy
A6	16 Feb 2018	Visibility (mi)	15
A6	16 Feb 2018	Wind Speed (kts)	8
A6	16 Feb 2018	Wind Dir	NE
A6	16 Feb 2018	Water Color	Greenish-Blue
A6	16 Feb 2018	Wave Ht Low (ft)	4
A6	16 Feb 2018	Wave Period (sec)	11
A6	16 Feb 2018	Sea State	Confused swell
A6	16 Feb 2018	High Tide (ft)	5.5
A6	16 Feb 2018	High Tide Time	856
A6	16 Feb 2018	Low Tide (ft)	-0.61
A6	16 Feb 2018	Low Tide Time	1546
A6	16 Feb 2018	Comments	none
A6	20 Feb 2018	Depth (m)	18
A6	20 Feb 2018	Arrive Time	822
A6	20 Feb 2018	Depart Time	827
A6	20 Feb 2018	Air Temp (C)	10
A6	20 Feb 2018	Weather	Clear
A6	20 Feb 2018	Visibility (mi)	8
A6	20 Feb 2018	Wind Speed (kts)	6
A6	20 Feb 2018	Wind Dir	N
A6	20 Feb 2018	Water Color	Green
A6	20 Feb 2018	Wave Ht Low (ft)	6
A6	20 Feb 2018	Wave Period (sec)	7
A6	20 Feb 2018	Sea State	Confused swell
A6	20 Feb 2018	High Tide (ft)	3.86
A6	20 Feb 2018	High Tide Time	1125
A6	20 Feb 2018	Low Tide (ft)	1.15
A6	20 Feb 2018	Low Tide Time	541
A6	20 Feb 2018	Comments	Kelp; Air bubbles at surface due to ship heave and swell
A6	26 Feb 2018	Depth (m)	19

Station	Date	Parameter	Value
A6	26 Feb 2018	Arrive Time	843
A6	26 Feb 2018	Depart Time	848
A6	26 Feb 2018	Air Temp (C)	16
A6	26 Feb 2018	Weather	Partly Cloudy
A6	26 Feb 2018	Visibility (mi)	10
A6	26 Feb 2018	Wind Speed (kts)	8
A6	26 Feb 2018	Wind Dir	SE
A6	26 Feb 2018	Water Color	Greenish-Blue
A6	26 Feb 2018	Wave Ht Low (ft)	3
A6	26 Feb 2018	Wave Period (sec)	9
A6	26 Feb 2018	Sea State	Confused swell
A6	26 Feb 2018	High Tide (ft)	5.64
A6	26 Feb 2018	High Tide Time	547
A6	26 Feb 2018	Low Tide (ft)	-1.03
A6	26 Feb 2018	Low Tide Time	1303
A6	26 Feb 2018	Comments	Lobster floats
C6	05 Feb 2018	Depth (m)	9
C6	05 Feb 2018	Arrive Time	939
C6	05 Feb 2018	Depart Time	946
C6	05 Feb 2018	Air Temp (C)	13
C6	05 Feb 2018	Weather	Haze
C6	05 Feb 2018	Visibility (mi)	2
C6	05 Feb 2018	Wind Speed (kts)	6
C6	05 Feb 2018	Wind Dir	SE
C6	05 Feb 2018	Water Color	Greenish-Blue
C6	05 Feb 2018	Wave Ht Low (ft)	2
C6	05 Feb 2018	Wave Period (sec)	7
C6	05 Feb 2018	Sea State	Light chop
C6	05 Feb 2018	High Tide (ft)	4.44
C6	05 Feb 2018	High Tide Time	1234
C6	05 Feb 2018	Low Tide (ft)	1.38
C6	05 Feb 2018	Low Tide Time	646
C6	05 Feb 2018	Comments	Kelp
C6	16 Feb 2018	Depth (m)	9
C6	16 Feb 2018	Arrive Time	856
C6	16 Feb 2018	Depart Time	900
C6	16 Feb 2018	Air Temp (C)	18
C6	16 Feb 2018	Weather	Partly Cloudy
C6	16 Feb 2018	Visibility (mi)	15
C6	16 Feb 2018	Wind Speed (kts)	8
C6	16 Feb 2018	Wind Dir	NW
C6	16 Feb 2018	Water Color	Greenish-Blue
C6	16 Feb 2018	Wave Ht Low (ft)	4
C6	16 Feb 2018	Wave Period (sec)	11
C6	16 Feb 2018	Sea State	Confused swell
C6	16 Feb 2018	High Tide (ft)	5.5
C6	16 Feb 2018	High Tide Time	856
C6	16 Feb 2018	Low Tide (ft)	-0.61
C6	16 Feb 2018	Low Tide Time	1546
C6	16 Feb 2018	Comments	none
C6	20 Feb 2018	Depth (m)	10
C6	20 Feb 2018	Arrive Time	902

Station	Date	Parameter	Value
C6	20 Feb 2018	Depart Time	907
C6	20 Feb 2018	Air Temp (C)	11
C6	20 Feb 2018	Weather	Clear
C6	20 Feb 2018	Visibility (mi)	8
C6	20 Feb 2018	Wind Speed (kts)	5
C6	20 Feb 2018	Wind Dir	N
C6	20 Feb 2018	Water Color	Green
C6	20 Feb 2018	Wave Ht Low (ft)	6
C6	20 Feb 2018	Wave Period (sec)	7
C6	20 Feb 2018	Sea State	Confused swell
C6	20 Feb 2018	High Tide (ft)	3.86
C6	20 Feb 2018	High Tide Time	1125
C6	20 Feb 2018	Low Tide (ft)	1.15
C6	20 Feb 2018	Low Tide Time	541
C6	20 Feb 2018	Comments	none
C6	26 Feb 2018	Depth (m)	9
C6	26 Feb 2018	Arrive Time	928
C6	26 Feb 2018	Depart Time	932
C6	26 Feb 2018	Air Temp (C)	17
C6	26 Feb 2018	Weather	Partly Cloudy
C6	26 Feb 2018	Visibility (mi)	10
C6	26 Feb 2018	Wind Speed (kts)	7
C6	26 Feb 2018	Wind Dir	SE
C6	26 Feb 2018	Water Color	Greenish-Blue
C6	26 Feb 2018	Wave Ht Low (ft)	3
C6	26 Feb 2018	Wave Period (sec)	9
C6	26 Feb 2018	Sea State	Calm
C6	26 Feb 2018	High Tide (ft)	5.64
C6	26 Feb 2018	High Tide Time	547
C6	26 Feb 2018	Low Tide (ft)	-1.03
C6	26 Feb 2018	Low Tide Time	1303
C6	26 Feb 2018	Comments	Kelp; Lobster floats
A7	05 Feb 2018	Depth (m)	18
A7	05 Feb 2018	Arrive Time	842
A7	05 Feb 2018	Depart Time	849
A7	05 Feb 2018	Air Temp (C)	13
A7	05 Feb 2018	Weather	Haze
A7	05 Feb 2018	Visibility (mi)	1
A7	05 Feb 2018	Wind Speed (kts)	8
A7	05 Feb 2018	Wind Dir	E
A7	05 Feb 2018	Water Color	Greenish-Blue
A7	05 Feb 2018	Wave Ht Low (ft)	2
A7	05 Feb 2018	Wave Period (sec)	7
A7	05 Feb 2018	Sea State	Light chop
A7	05 Feb 2018	High Tide (ft)	4.44
A7	05 Feb 2018	High Tide Time	1234
A7	05 Feb 2018	Low Tide (ft)	1.38
A7	05 Feb 2018	Low Tide Time	646
A7	05 Feb 2018	Comments	Kelp
A7	16 Feb 2018	Depth (m)	19
A7	16 Feb 2018	Arrive Time	757
A7	16 Feb 2018	Depart Time	804

Station	Date	Parameter	Value
A7	16 Feb 2018	Air Temp (C)	17
A7	16 Feb 2018	Weather	Partly Cloudy
A7	16 Feb 2018	Visibility (mi)	15
A7	16 Feb 2018	Wind Speed (kts)	9
A7	16 Feb 2018	Wind Dir	NE
A7	16 Feb 2018	Water Color	Brownish-Green
A7	16 Feb 2018	Wave Ht Low (ft)	4
A7	16 Feb 2018	Wave Period (sec)	11
A7	16 Feb 2018	Sea State	Confused swell
A7	16 Feb 2018	High Tide (ft)	5.5
A7	16 Feb 2018	High Tide Time	856
A7	16 Feb 2018	Low Tide (ft)	-0.61
A7	16 Feb 2018	Low Tide Time	1546
A7	16 Feb 2018	Comments	4 whales on station
A7	20 Feb 2018	Depth (m)	18
A7	20 Feb 2018	Arrive Time	810
A7	20 Feb 2018	Depart Time	814
A7	20 Feb 2018	Air Temp (C)	10
A7	20 Feb 2018	Weather	Clear
A7	20 Feb 2018	Visibility (mi)	8
A7	20 Feb 2018	Wind Speed (kts)	10
A7	20 Feb 2018	Wind Dir	NE
A7	20 Feb 2018	Water Color	Green
A7	20 Feb 2018	Wave Ht Low (ft)	6
A7	20 Feb 2018	Wave Period (sec)	7
A7	20 Feb 2018	Sea State	Light chop
A7	20 Feb 2018	High Tide (ft)	3.86
A7	20 Feb 2018	High Tide Time	1125
A7	20 Feb 2018	Low Tide (ft)	1.15
A7	20 Feb 2018	Low Tide Time	541
A7	20 Feb 2018	Comments	Kelp
A7	26 Feb 2018	Depth (m)	18
A7	26 Feb 2018	Arrive Time	825
A7	26 Feb 2018	Depart Time	831
A7	26 Feb 2018	Air Temp (C)	16
A7	26 Feb 2018	Weather	Partly Cloudy
A7	26 Feb 2018	Visibility (mi)	10
A7	26 Feb 2018	Wind Speed (kts)	8
A7	26 Feb 2018	Wind Dir	SE
A7	26 Feb 2018	Water Color	Greenish-Blue
A7	26 Feb 2018	Wave Ht Low (ft)	3
A7	26 Feb 2018	Wave Period (sec)	9
A7	26 Feb 2018	Sea State	Confused swell
A7	26 Feb 2018	High Tide (ft)	5.64
A7	26 Feb 2018	High Tide Time	547
A7	26 Feb 2018	Low Tide (ft)	-1.03
A7	26 Feb 2018	Low Tide Time	1303
A7	26 Feb 2018	Comments	Seagrass
C7	05 Feb 2018	Depth (m)	19
C7	05 Feb 2018	Arrive Time	908
C7	05 Feb 2018	Depart Time	913
C7	05 Feb 2018	Air Temp (C)	14

Station	Date	Parameter	Value
C7	05 Feb 2018	Weather	Haze
C7	05 Feb 2018	Visibility (mi)	1
C7	05 Feb 2018	Wind Speed (kts)	10
C7	05 Feb 2018	Wind Dir	E
C7	05 Feb 2018	Water Color	Greenish-Blue
C7	05 Feb 2018	Wave Ht Low (ft)	2
C7	05 Feb 2018	Wave Period (sec)	7
C7	05 Feb 2018	Sea State	Light chop
C7	05 Feb 2018	High Tide (ft)	4.44
C7	05 Feb 2018	High Tide Time	1234
C7	05 Feb 2018	Low Tide (ft)	1.38
C7	05 Feb 2018	Low Tide Time	646
C7	05 Feb 2018	Comments	Kelp; Kelp debris
C7	16 Feb 2018	Depth (m)	20
C7	16 Feb 2018	Arrive Time	825
C7	16 Feb 2018	Depart Time	831
C7	16 Feb 2018	Air Temp (C)	17
C7	16 Feb 2018	Weather	Partly Cloudy
C7	16 Feb 2018	Visibility (mi)	15
C7	16 Feb 2018	Wind Speed (kts)	6
C7	16 Feb 2018	Wind Dir	NE
C7	16 Feb 2018	Water Color	Greenish-Blue
C7	16 Feb 2018	Wave Ht Low (ft)	4
C7	16 Feb 2018	Wave Period (sec)	11
C7	16 Feb 2018	Sea State	Confused swell
C7	16 Feb 2018	High Tide (ft)	5.5
C7	16 Feb 2018	High Tide Time	856
C7	16 Feb 2018	Low Tide (ft)	-0.61
C7	16 Feb 2018	Low Tide Time	1546
C7	16 Feb 2018	Comments	none
C7	20 Feb 2018	Depth (m)	19
C7	20 Feb 2018	Arrive Time	835
C7	20 Feb 2018	Depart Time	839
C7	20 Feb 2018	Air Temp (C)	11
C7	20 Feb 2018	Weather	Clear
C7	20 Feb 2018	Visibility (mi)	8
C7	20 Feb 2018	Wind Speed (kts)	6
C7	20 Feb 2018	Wind Dir	N
C7	20 Feb 2018	Water Color	Green
C7	20 Feb 2018	Wave Ht Low (ft)	6
C7	20 Feb 2018	Wave Period (sec)	7
C7	20 Feb 2018	Sea State	Confused swell
C7	20 Feb 2018	High Tide (ft)	3.86
C7	20 Feb 2018	High Tide Time	1125
C7	20 Feb 2018	Low Tide (ft)	1.15
C7	20 Feb 2018	Low Tide Time	541
C7	20 Feb 2018	Comments	Kelp; Seagrass
C7	26 Feb 2018	Depth (m)	19
C7	26 Feb 2018	Arrive Time	854
C7	26 Feb 2018	Depart Time	857
C7	26 Feb 2018	Air Temp (C)	16
C7	26 Feb 2018	Weather	Partly Cloudy

Station	Date	Parameter	Value
C7	26 Feb 2018	Visibility (mi)	10
C7	26 Feb 2018	Wind Speed (kts)	8
C7	26 Feb 2018	Wind Dir	SE
C7	26 Feb 2018	Water Color	Greenish-Blue
C7	26 Feb 2018	Wave Ht Low (ft)	3
C7	26 Feb 2018	Wave Period (sec)	9
C7	26 Feb 2018	Sea State	Calm
C7	26 Feb 2018	High Tide (ft)	5.64
C7	26 Feb 2018	High Tide Time	547
C7	26 Feb 2018	Low Tide (ft)	-1.03
C7	26 Feb 2018	Low Tide Time	1303
C7	26 Feb 2018	Comments	none
C8	05 Feb 2018	Depth (m)	19
C8	05 Feb 2018	Arrive Time	919
C8	05 Feb 2018	Depart Time	928
C8	05 Feb 2018	Air Temp (C)	14
C8	05 Feb 2018	Weather	Haze
C8	05 Feb 2018	Visibility (mi)	2
C8	05 Feb 2018	Wind Speed (kts)	8
C8	05 Feb 2018	Wind Dir	SE
C8	05 Feb 2018	Water Color	Greenish-Blue
C8	05 Feb 2018	Wave Ht Low (ft)	2
C8	05 Feb 2018	Wave Period (sec)	7
C8	05 Feb 2018	Sea State	Light chop
C8	05 Feb 2018	High Tide (ft)	4.44
C8	05 Feb 2018	High Tide Time	1234
C8	05 Feb 2018	Low Tide (ft)	1.38
C8	05 Feb 2018	Low Tide Time	646
C8	05 Feb 2018	Comments	none
C8	16 Feb 2018	Depth (m)	20
C8	16 Feb 2018	Arrive Time	838
C8	16 Feb 2018	Depart Time	843
C8	16 Feb 2018	Air Temp (C)	17
C8	16 Feb 2018	Weather	Partly Cloudy
C8	16 Feb 2018	Visibility (mi)	15
C8	16 Feb 2018	Wind Speed (kts)	4
C8	16 Feb 2018	Wind Dir	NW
C8	16 Feb 2018	Water Color	Greenish-Blue
C8	16 Feb 2018	Wave Ht Low (ft)	4
C8	16 Feb 2018	Wave Period (sec)	11
C8	16 Feb 2018	Sea State	Confused swell
C8	16 Feb 2018	High Tide (ft)	5.5
C8	16 Feb 2018	High Tide Time	856
C8	16 Feb 2018	Low Tide (ft)	-0.61
C8	16 Feb 2018	Low Tide Time	1546
C8	16 Feb 2018	Comments	none
C8	20 Feb 2018	Depth (m)	19
C8	20 Feb 2018	Arrive Time	845
C8	20 Feb 2018	Depart Time	848
C8	20 Feb 2018	Air Temp (C)	11
C8	20 Feb 2018	Weather	Clear
C8	20 Feb 2018	Visibility (mi)	8

Station	Date	Parameter	Value
C8	20 Feb 2018	Wind Speed (kts)	5
C8	20 Feb 2018	Wind Dir	NE
C8	20 Feb 2018	Water Color	Green
C8	20 Feb 2018	Wave Ht Low (ft)	6
C8	20 Feb 2018	Wave Period (sec)	7
C8	20 Feb 2018	Sea State	Confused swell
C8	20 Feb 2018	High Tide (ft)	3.86
C8	20 Feb 2018	High Tide Time	1125
C8	20 Feb 2018	Low Tide (ft)	1.15
C8	20 Feb 2018	Low Tide Time	541
C8	20 Feb 2018	Comments	Kelp debris
C8	26 Feb 2018	Depth (m)	19
C8	26 Feb 2018	Arrive Time	906
C8	26 Feb 2018	Depart Time	910
C8	26 Feb 2018	Air Temp (C)	17
C8	26 Feb 2018	Weather	Partly Cloudy
C8	26 Feb 2018	Visibility (mi)	10
C8	26 Feb 2018	Wind Speed (kts)	8
C8	26 Feb 2018	Wind Dir	SE
C8	26 Feb 2018	Water Color	Greenish-Blue
C8	26 Feb 2018	Wave Ht Low (ft)	3
C8	26 Feb 2018	Wave Period (sec)	9
C8	26 Feb 2018	Sea State	Light chop
C8	26 Feb 2018	High Tide (ft)	5.64
C8	26 Feb 2018	High Tide Time	547
C8	26 Feb 2018	Low Tide (ft)	-1.03
C8	26 Feb 2018	Low Tide Time	1303
C8	26 Feb 2018	Comments	Seagrass

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 ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
A1	05 Feb 2018	1	16.07	87.16	8.1	33.51	8.1	24.6	0.25
A1	05 Feb 2018	2	16.06	87.23	8.1	33.51	8.1	24.6	0.26
A1	05 Feb 2018	3	16.06	87.21	8.1	33.50	8.1	24.6	0.27
A1	05 Feb 2018	4	16.06	87.18	8.1	33.51	8.1	24.6	0.27
A1	05 Feb 2018	5	16.03	87.22	8.0	33.51	8.1	24.6	0.27
A1	05 Feb 2018	6	15.92	87.11	8.0	33.51	8.1	24.6	0.33
A1	05 Feb 2018	7	15.84	87.23	8.0	33.50	8.1	24.6	0.37
A1	05 Feb 2018	8	15.49	87.18	7.8	33.51	8.1	24.7	0.42
A1	05 Feb 2018	9	15.21	87.21	7.7	33.49	8.1	24.8	0.49
A1	05 Feb 2018	10	15.06	87.17	7.6	33.48	8.1	24.8	0.57
A1	05 Feb 2018	11	14.79	87.13	7.5	33.47	8.1	24.8	0.62
A1	05 Feb 2018	12	14.66	86.95	7.6	33.45	8.1	24.9	0.87
A1	05 Feb 2018	13	14.63	86.35	7.6	33.45	8.1	24.9	1.03
A1	05 Feb 2018	14	14.61	86.57	7.6	33.45	8.1	24.9	1.32
A1	05 Feb 2018	15	14.58	86.45	7.6	33.45	8.1	24.9	1.36
A1	05 Feb 2018	16	14.57	86.43	7.6	33.45	8.1	24.9	1.37
A1	16 Feb 2018	1	15.81	81.89	8.3	33.49	8.2	24.6	1.18
A1	16 Feb 2018	2	15.81	81.87	8.3	33.49	8.2	24.6	1.23
A1	16 Feb 2018	3	15.82	81.89	8.3	33.49	8.2	24.6	1.34
A1	16 Feb 2018	4	15.82	81.52	8.3	33.49	8.2	24.6	1.52
A1	16 Feb 2018	5	15.82	81.73	8.3	33.49	8.2	24.6	1.54
A1	16 Feb 2018	6	15.82	81.63	8.3	33.49	8.2	24.6	1.56
A1	16 Feb 2018	7	15.81	81.60	8.3	33.49	8.2	24.6	1.56
A1	16 Feb 2018	8	15.81	81.93	8.3	33.49	8.2	24.6	1.63
A1	16 Feb 2018	9	15.80	81.94	8.2	33.49	8.2	24.6	1.66
A1	16 Feb 2018	10	15.78	81.74	8.2	33.49	8.2	24.6	1.58
A1	16 Feb 2018	11	15.73	81.98	8.1	33.49	8.2	24.6	1.59
A1	16 Feb 2018	12	15.60	81.81	8.0	33.49	8.2	24.7	1.84
A1	16 Feb 2018	13	15.44	82.49	7.9	33.48	8.2	24.7	1.50
A1	16 Feb 2018	14	15.37	83.03	7.8	33.48	8.2	24.7	1.24
A1	16 Feb 2018	15	15.29	83.31	7.7	33.48	8.2	24.7	1.42
A1	16 Feb 2018	16	15.25	83.35	7.6	33.48	8.1	24.7	1.08
A1	16 Feb 2018	17	15.01	83.38	7.4	33.48	8.1	24.8	1.08
A1	16 Feb 2018	18	14.64	83.19	7.3	33.46	8.1	24.9	1.01
A1	16 Feb 2018	19	14.69	81.75	7.3	33.49	8.1	24.9	0.83
A1	20 Feb 2018	1	14.62	81.75	7.5	33.44	8.1	24.9	0.85
A1	20 Feb 2018	2	14.62	82.43	7.5	33.49	8.1	24.9	0.88
A1	20 Feb 2018	3	14.62	82.47	7.4	33.48	8.1	24.9	0.94
A1	20 Feb 2018	4	14.62	82.65	7.4	33.48	8.1	24.9	0.98
A1	20 Feb 2018	5	14.34	82.71	7.2	33.49	8.1	24.9	1.04
A1	20 Feb 2018	6	13.86	83.77	7.2	33.45	8.1	25.0	1.03
A1	20 Feb 2018	7	13.81	84.61	7.1	33.44	8.1	25.0	1.05
A1	20 Feb 2018	8	13.74	85.52	7.1	33.43	8.1	25.0	1.27
A1	20 Feb 2018	9	13.68	85.32	7.1	33.43	8.1	25.0	1.14
A1	20 Feb 2018	10	13.63	85.74	7.0	33.43	8.1	25.0	1.25
A1	20 Feb 2018	11	13.60	85.86	7.0	33.42	8.1	25.1	1.28
A1	20 Feb 2018	12	13.59	85.84	7.0	33.42	8.1	25.1	1.34
A1	20 Feb 2018	13	13.57	85.79	7.0	33.43	8.1	25.1	1.32
A1	20 Feb 2018	14	13.56	85.77	7.0	33.43	8.1	25.1	1.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A1	20 Feb 2018	15	13.56	85.73	7.0	33.43	8.1	25.1	1.27
A1	20 Feb 2018	16	13.54	85.70	7.0	33.43	8.1	25.1	1.25
A1	20 Feb 2018	17	13.53	85.81	7.0	33.43	8.1	25.1	1.30
A1	20 Feb 2018	18	13.51	85.81	7.0	33.43	8.1	25.1	1.28
A1	20 Feb 2018	19	13.51	85.67	6.9	33.42	8.1	25.1	1.19
A1	20 Feb 2018	20	13.52	85.78	6.9	33.42	8.1	25.1	1.15
A1	26 Feb 2018	1	13.87	79.91	7.5	33.53	8.0	25.1	0.77
A1	26 Feb 2018	2	13.86	79.90	7.4	33.53	8.0	25.1	0.77
A1	26 Feb 2018	3	13.86	79.60	7.4	33.53	8.0	25.1	0.89
A1	26 Feb 2018	4	13.82	79.77	7.4	33.53	8.0	25.1	1.04
A1	26 Feb 2018	5	13.81	79.75	7.3	33.53	8.0	25.1	1.15
A1	26 Feb 2018	6	13.78	79.92	7.3	33.52	8.0	25.1	1.26
A1	26 Feb 2018	7	13.77	80.08	7.3	33.52	8.0	25.1	1.35
A1	26 Feb 2018	8	13.74	80.29	7.3	33.52	8.0	25.1	1.38
A1	26 Feb 2018	9	13.72	80.30	7.3	33.52	8.0	25.1	1.40
A1	26 Feb 2018	10	13.68	80.45	7.2	33.52	8.0	25.1	1.44
A1	26 Feb 2018	11	13.67	80.64	7.2	33.52	8.0	25.1	1.48
A1	26 Feb 2018	12	13.66	80.85	7.2	33.52	8.0	25.1	1.49
A1	26 Feb 2018	13	13.66	81.00	7.2	33.52	8.0	25.1	1.49
A1	26 Feb 2018	14	13.65	80.76	7.1	33.52	8.0	25.1	1.49
A1	26 Feb 2018	15	13.65	80.81	7.2	33.52	8.0	25.1	1.43
A1	26 Feb 2018	16	13.65	81.18	7.2	33.52	8.0	25.1	1.39
A1	26 Feb 2018	17	13.62	81.35	7.1	33.52	8.0	25.1	1.41
A1	26 Feb 2018	18	13.54	81.47	6.9	33.52	8.0	25.1	1.33
A1	26 Feb 2018	19	13.09	82.20	6.5	33.54	8.0	25.2	1.14
C4	05 Feb 2018	1	16.14	86.37	8.0	33.52	8.1	24.6	0.25
C4	05 Feb 2018	2	16.10	86.36	8.0	33.51	8.1	24.6	0.25
C4	05 Feb 2018	3	16.07	86.29	8.1	33.51	8.1	24.6	0.28
C4	05 Feb 2018	4	15.93	86.15	8.2	33.51	8.2	24.6	0.33
C4	05 Feb 2018	5	15.81	85.20	8.3	33.51	8.2	24.6	0.43
C4	05 Feb 2018	6	15.71	84.30	8.4	33.50	8.2	24.7	0.47
C4	05 Feb 2018	7	15.64	83.86	8.4	33.50	8.2	24.7	0.48
C4	05 Feb 2018	8	15.56	83.49	8.3	33.49	8.2	24.7	0.50
C4	05 Feb 2018	9	15.38	83.70	8.2	33.49	8.2	24.7	0.45
C4	05 Feb 2018	10	15.16	84.12	8.0	33.48	8.1	24.8	0.37
C4	16 Feb 2018	1	15.96	80.97	8.2	33.51	8.2	24.6	1.09
C4	16 Feb 2018	2	15.96	81.05	8.2	33.51	8.2	24.6	1.18
C4	16 Feb 2018	3	15.96	81.01	8.2	33.51	8.2	24.6	1.22
C4	16 Feb 2018	4	15.96	81.02	8.2	33.51	8.2	24.6	1.26
C4	16 Feb 2018	5	15.95	81.05	8.2	33.51	8.2	24.6	1.34
C4	16 Feb 2018	6	15.85	81.13	8.1	33.50	8.2	24.6	1.43
C4	16 Feb 2018	7	15.79	81.92	8.1	33.49	8.2	24.6	1.44
C4	16 Feb 2018	8	15.72	82.28	7.9	33.49	8.2	24.6	1.28
C4	16 Feb 2018	9	15.65	83.21	7.7	33.48	8.2	24.7	0.94
C4	16 Feb 2018	10	15.65	83.73	7.7	33.48	8.2	24.7	0.67
C4	16 Feb 2018	11	15.65	83.80	7.7	33.48	8.2	24.7	0.60
C4	20 Feb 2018	1	14.83	73.67	7.5	33.52	8.2	24.9	0.41
C4	20 Feb 2018	2	14.82	73.52	7.5	33.53	8.2	24.9	0.44
C4	20 Feb 2018	3	14.75	71.66	7.5	33.54	8.2	24.9	0.45
C4	20 Feb 2018	4	14.68	66.81	7.5	33.54	8.2	24.9	0.57
C4	20 Feb 2018	5	14.66	58.05	7.5	33.54	8.2	24.9	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C4	20 Feb 2018	6	14.66	59.96	7.5	33.54	8.2	24.9	1.01
C4	20 Feb 2018	7	14.68	61.37	7.5	33.53	8.2	24.9	0.92
C4	20 Feb 2018	8	14.57	64.85	7.3	33.56	8.1	25.0	0.85
C4	20 Feb 2018	9	13.89	65.42	6.9	33.51	8.1	25.1	0.91
C4	20 Feb 2018	10	13.63	63.54	6.4	33.47	8.1	25.1	0.82
C4	26 Feb 2018	1	14.10	78.12	7.8	33.57	8.1	25.1	0.45
C4	26 Feb 2018	2	14.09	78.14	7.8	33.56	8.1	25.1	0.47
C4	26 Feb 2018	3	14.08	78.12	7.8	33.57	8.1	25.1	0.52
C4	26 Feb 2018	4	14.04	77.69	7.8	33.57	8.1	25.1	0.59
C4	26 Feb 2018	5	13.99	77.50	7.9	33.57	8.1	25.1	0.68
C4	26 Feb 2018	6	13.98	77.52	7.9	33.57	8.1	25.1	0.76
C4	26 Feb 2018	7	13.96	77.57	7.9	33.57	8.1	25.1	0.80
C4	26 Feb 2018	8	13.95	77.53	7.9	33.57	8.1	25.1	0.79
C4	26 Feb 2018	9	13.93	77.71	7.9	33.57	8.1	25.1	0.73
C4	26 Feb 2018	10	13.93	77.56	8.0	33.57	8.1	25.1	0.62
C5	05 Feb 2018	1	15.96	85.20	8.4	33.50	8.2	24.6	0.60
C5	05 Feb 2018	2	15.96	85.19	8.4	33.50	8.2	24.6	0.61
C5	05 Feb 2018	3	15.95	85.10	8.4	33.50	8.2	24.6	0.66
C5	05 Feb 2018	4	15.96	84.97	8.4	33.50	8.2	24.6	0.73
C5	05 Feb 2018	5	15.94	85.17	8.4	33.50	8.2	24.6	0.82
C5	05 Feb 2018	6	15.92	85.03	8.3	33.50	8.2	24.6	0.86
C5	05 Feb 2018	7	15.90	85.17	8.3	33.50	8.2	24.6	0.88
C5	05 Feb 2018	8	15.84	85.25	8.2	33.51	8.2	24.6	0.88
C5	05 Feb 2018	9	15.68	85.60	8.2	33.50	8.2	24.7	0.77
C5	05 Feb 2018	10	15.33	85.80	8.0	33.53	8.2	24.8	0.62
C5	05 Feb 2018	11	14.62	85.16	7.8	33.49	8.1	24.9	0.49
C5	16 Feb 2018	1	16.02	80.47	8.1	33.52	8.2	24.6	0.60
C5	16 Feb 2018	2	16.03	80.02	8.1	33.52	8.2	24.6	0.61
C5	16 Feb 2018	3	16.02	80.07	8.1	33.52	8.2	24.6	0.63
C5	16 Feb 2018	4	16.00	80.35	8.0	33.52	8.2	24.6	0.65
C5	16 Feb 2018	5	15.93	80.71	7.9	33.52	8.2	24.6	0.68
C5	16 Feb 2018	6	15.93	81.00	7.9	33.51	8.2	24.6	0.75
C5	16 Feb 2018	7	15.92	81.15	7.9	33.51	8.2	24.6	0.77
C5	16 Feb 2018	8	15.75	81.68	7.9	33.50	8.2	24.6	0.99
C5	16 Feb 2018	9	15.68	82.20	7.8	33.49	8.2	24.7	1.13
C5	16 Feb 2018	10	15.61	82.75	7.7	33.49	8.2	24.7	0.99
C5	16 Feb 2018	11	15.61	83.47	7.6	33.49	8.2	24.7	0.88
C5	20 Feb 2018	1	14.99	64.08	7.4	33.53	8.2	24.8	0.37
C5	20 Feb 2018	2	14.99	61.27	7.4	33.54	8.2	24.8	0.38
C5	20 Feb 2018	3	14.96	66.65	7.4	33.54	8.2	24.9	0.43
C5	20 Feb 2018	4	14.90	67.29	7.4	33.54	8.2	24.9	0.53
C5	20 Feb 2018	5	14.79	65.20	7.3	33.53	8.2	24.9	0.64
C5	20 Feb 2018	6	14.57	66.24	7.1	33.53	8.2	24.9	0.70
C5	20 Feb 2018	7	14.50	73.15	7.0	33.50	8.1	24.9	0.77
C5	20 Feb 2018	8	14.39	76.49	6.9	33.51	8.1	24.9	0.74
C5	20 Feb 2018	9	14.08	75.87	6.7	33.52	8.1	25.0	0.73
C5	20 Feb 2018	10	13.88	75.87	6.6	33.47	8.1	25.0	0.69
C5	20 Feb 2018	11	14.05	73.49	6.6	33.47	8.1	25.0	0.68
C5	26 Feb 2018	1	14.04	81.19	7.9	33.54	8.1	25.1	0.48
C5	26 Feb 2018	2	14.02	81.20	7.9	33.54	8.1	25.1	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C5	26 Feb 2018	3	13.98	81.10	7.9	33.54	8.1	25.1	0.50
C5	26 Feb 2018	4	13.95	80.79	7.9	33.54	8.1	25.1	0.59
C5	26 Feb 2018	5	13.94	80.67	7.8	33.54	8.1	25.1	0.70
C5	26 Feb 2018	6	13.93	80.72	7.7	33.54	8.1	25.1	0.77
C5	26 Feb 2018	7	13.86	80.95	7.6	33.53	8.1	25.1	0.73
C5	26 Feb 2018	8	13.74	81.89	7.2	33.52	8.0	25.1	0.67
C5	26 Feb 2018	9	13.49	83.04	6.8	33.52	8.0	25.1	0.57
C5	26 Feb 2018	10	13.21	83.46	6.5	33.52	8.0	25.2	0.47
C5	26 Feb 2018	11	13.16	83.03	6.5	33.49	8.0	25.2	0.34
A6	05 Feb 2018	1	16.12	86.69	8.1	33.50	8.1	24.6	0.30
A6	05 Feb 2018	2	16.12	86.74	8.1	33.50	8.1	24.6	0.30
A6	05 Feb 2018	3	16.11	86.78	8.1	33.50	8.1	24.6	0.29
A6	05 Feb 2018	4	16.04	86.74	8.0	33.51	8.1	24.6	0.33
A6	05 Feb 2018	5	15.97	86.70	8.0	33.51	8.1	24.6	0.39
A6	05 Feb 2018	6	15.83	86.67	7.9	33.50	8.1	24.6	0.38
A6	05 Feb 2018	7	15.78	86.72	7.9	33.50	8.1	24.6	0.40
A6	05 Feb 2018	8	15.71	86.64	7.8	33.50	8.1	24.7	0.44
A6	05 Feb 2018	9	15.58	86.62	7.8	33.50	8.1	24.7	0.48
A6	05 Feb 2018	10	15.36	86.59	7.7	33.49	8.1	24.7	0.60
A6	05 Feb 2018	11	15.26	86.56	7.7	33.49	8.1	24.7	0.61
A6	05 Feb 2018	12	15.07	86.65	7.6	33.48	8.1	24.8	0.60
A6	05 Feb 2018	13	14.97	86.56	7.6	33.48	8.1	24.8	0.62
A6	05 Feb 2018	14	14.83	86.46	7.6	33.47	8.1	24.8	0.79
A6	05 Feb 2018	15	14.77	86.48	7.6	33.46	8.1	24.8	0.83
A6	05 Feb 2018	16	14.76	86.45	7.6	33.46	8.1	24.8	0.87
A6	05 Feb 2018	17	14.74	86.51	7.6	33.46	8.1	24.8	0.88
A6	05 Feb 2018	18	14.73	86.66	7.6	33.46	8.1	24.8	0.80
A6	16 Feb 2018	1	15.83	80.98	8.3	33.49	8.2	24.6	1.15
A6	16 Feb 2018	2	15.85	81.60	8.3	33.49	8.2	24.6	1.21
A6	16 Feb 2018	3	15.83	81.89	8.3	33.50	8.2	24.6	1.18
A6	16 Feb 2018	4	15.80	81.72	8.2	33.49	8.2	24.6	1.28
A6	16 Feb 2018	5	15.82	81.77	8.3	33.49	8.2	24.6	1.42
A6	16 Feb 2018	6	15.75	81.95	8.2	33.50	8.2	24.6	1.41
A6	16 Feb 2018	7	15.60	82.04	8.0	33.49	8.2	24.7	1.50
A6	16 Feb 2018	8	15.53	82.22	7.9	33.48	8.2	24.7	1.45
A6	16 Feb 2018	9	15.37	82.60	7.7	33.49	8.2	24.7	1.31
A6	16 Feb 2018	10	15.23	82.56	7.6	33.48	8.2	24.8	1.08
A6	16 Feb 2018	11	15.21	82.71	7.6	33.48	8.1	24.8	0.88
A6	16 Feb 2018	12	15.19	82.82	7.6	33.48	8.1	24.8	0.81
A6	16 Feb 2018	13	15.17	82.76	7.5	33.48	8.1	24.8	0.75
A6	16 Feb 2018	14	15.14	82.44	7.5	33.48	8.1	24.8	0.70
A6	16 Feb 2018	15	15.01	82.93	7.4	33.48	8.1	24.8	0.61
A6	16 Feb 2018	16	14.76	82.77	7.2	33.49	8.1	24.9	0.57
A6	16 Feb 2018	17	14.51	82.58	7.0	33.48	8.1	24.9	0.71
A6	16 Feb 2018	18	14.13	82.63	6.8	33.48	8.1	25.0	0.59
A6	20 Feb 2018	1	15.16	74.68	7.6	33.53	8.2	24.8	0.46
A6	20 Feb 2018	2	15.17	71.59	7.5	33.51	8.2	24.8	0.49
A6	20 Feb 2018	3	15.03	75.83	7.4	33.53	8.2	24.8	0.55
A6	20 Feb 2018	4	14.86	78.60	7.3	33.52	8.2	24.9	0.65
A6	20 Feb 2018	5	14.66	80.51	7.3	33.51	8.2	24.9	0.75
A6	20 Feb 2018	6	14.65	80.83	7.3	33.50	8.2	24.9	0.80
A6	20 Feb 2018	7	14.62	80.89	7.3	33.50	8.2	24.9	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A6	20 Feb 2018	8	14.60	80.71	7.3	33.49	8.1	24.9	0.94
A6	20 Feb 2018	9	14.56	80.84	7.2	33.49	8.1	24.9	0.96
A6	20 Feb 2018	10	14.52	80.97	7.2	33.49	8.1	24.9	0.97
A6	20 Feb 2018	11	14.45	81.15	7.2	33.49	8.1	24.9	1.00
A6	20 Feb 2018	12	14.39	81.03	7.0	33.48	8.1	24.9	0.98
A6	20 Feb 2018	13	14.14	81.09	7.0	33.49	8.1	25.0	0.98
A6	20 Feb 2018	14	14.10	81.55	6.9	33.47	8.1	25.0	0.98
A6	20 Feb 2018	15	13.74	82.41	6.6	33.47	8.1	25.1	0.95
A6	20 Feb 2018	16	13.60	82.72	6.5	33.47	8.1	25.1	0.92
A6	20 Feb 2018	17	13.46	81.95	6.4	33.46	8.1	25.1	0.89
A6	20 Feb 2018	18	13.41	82.03	6.4	33.46	8.0	25.1	0.84
A6	20 Feb 2018	19	13.43	81.92	6.3	33.46	8.0	25.1	0.83
A6	26 Feb 2018	1	14.04	81.26	7.7	33.52	8.1	25.0	0.88
A6	26 Feb 2018	2	14.03	81.34	7.7	33.52	8.1	25.0	0.90
A6	26 Feb 2018	3	14.03	81.33	7.7	33.52	8.1	25.0	1.02
A6	26 Feb 2018	4	14.03	81.21	7.7	33.52	8.1	25.0	1.09
A6	26 Feb 2018	5	14.03	81.09	7.7	33.52	8.1	25.0	1.16
A6	26 Feb 2018	6	14.03	81.21	7.7	33.52	8.1	25.0	1.30
A6	26 Feb 2018	7	14.02	81.19	7.7	33.52	8.1	25.0	1.45
A6	26 Feb 2018	8	14.02	81.08	7.7	33.52	8.1	25.0	1.65
A6	26 Feb 2018	9	14.01	81.05	7.7	33.52	8.1	25.0	1.74
A6	26 Feb 2018	10	14.01	81.10	7.7	33.52	8.1	25.0	1.78
A6	26 Feb 2018	11	14.01	81.20	7.6	33.52	8.1	25.0	1.83
A6	26 Feb 2018	12	14.01	81.14	7.7	33.52	8.0	25.0	1.85
A6	26 Feb 2018	13	14.00	81.24	7.6	33.52	8.0	25.0	1.84
A6	26 Feb 2018	14	13.99	81.50	7.6	33.52	8.0	25.0	1.80
A6	26 Feb 2018	15	13.97	81.61	7.5	33.52	8.0	25.1	1.68
A6	26 Feb 2018	16	13.90	81.81	7.3	33.52	8.0	25.1	1.58
A6	26 Feb 2018	17	13.82	82.47	7.2	33.51	8.0	25.1	1.36
A6	26 Feb 2018	18	13.70	83.40	7.0	33.52	8.0	25.1	1.04
A6	26 Feb 2018	19	13.50	83.71	6.7	33.52	8.0	25.1	0.85
C6	05 Feb 2018	1	16.13	85.53	8.5	33.51	8.2	24.6	0.47
C6	05 Feb 2018	2	16.14	85.46	8.5	33.51	8.2	24.6	0.48
C6	05 Feb 2018	3	16.14	85.54	8.5	33.51	8.2	24.6	0.47
C6	05 Feb 2018	4	16.12	85.64	8.3	33.51	8.2	24.6	0.46
C6	05 Feb 2018	5	16.10	85.76	8.3	33.51	8.2	24.6	0.51
C6	05 Feb 2018	6	16.04	85.59	8.4	33.51	8.2	24.6	0.61
C6	05 Feb 2018	7	15.92	85.50	8.5	33.51	8.2	24.6	0.70
C6	05 Feb 2018	8	15.71	85.30	8.3	33.51	8.2	24.7	0.80
C6	05 Feb 2018	9	15.14	85.67	8.1	33.52	8.1	24.8	0.72
C6	05 Feb 2018	10	14.89	85.72	8.0	33.48	8.1	24.8	0.48
C6	16 Feb 2018	1	16.05	81.33	8.4	33.51	8.2	24.6	0.62
C6	16 Feb 2018	2	16.05	81.41	8.4	33.52	8.2	24.6	0.65
C6	16 Feb 2018	3	16.05	81.37	8.4	33.52	8.2	24.6	0.68
C6	16 Feb 2018	4	16.05	81.42	8.4	33.52	8.2	24.6	0.71
C6	16 Feb 2018	5	16.01	81.60	8.3	33.51	8.2	24.6	0.70
C6	16 Feb 2018	6	15.94	82.00	8.0	33.50	8.2	24.6	0.66
C6	16 Feb 2018	7	15.89	82.42	7.9	33.50	8.2	24.6	0.63
C6	16 Feb 2018	8	15.86	82.70	7.7	33.49	8.2	24.6	0.59
C6	16 Feb 2018	9	15.80	83.44	7.6	33.49	8.2	24.6	0.53
C6	16 Feb 2018	10	15.81	83.70	7.6	33.49	8.2	24.6	0.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C6	20 Feb 2018	1	15.20	60.84	7.6	33.55	8.2	24.8	0.49
C6	20 Feb 2018	2	15.20	61.31	7.6	33.55	8.2	24.8	0.47
C6	20 Feb 2018	3	15.19	62.41	7.6	33.55	8.2	24.8	0.55
C6	20 Feb 2018	4	15.18	63.34	7.6	33.55	8.2	24.8	0.65
C6	20 Feb 2018	5	15.08	64.16	7.4	33.55	8.2	24.8	0.68
C6	20 Feb 2018	6	14.69	64.33	7.1	33.53	8.2	24.9	0.67
C6	20 Feb 2018	7	14.14	64.97	6.7	33.51	8.1	25.0	0.63
C6	20 Feb 2018	8	13.83	66.78	6.4	33.48	8.1	25.0	0.64
C6	20 Feb 2018	9	13.72	66.18	6.3	33.46	8.1	25.1	0.67
C6	26 Feb 2018	1	14.11	79.87	8.3	33.55	8.1	25.0	0.62
C6	26 Feb 2018	2	14.09	79.75	8.3	33.55	8.1	25.0	0.64
C6	26 Feb 2018	3	14.06	79.78	8.2	33.54	8.1	25.1	0.74
C6	26 Feb 2018	4	14.02	79.99	8.2	33.54	8.1	25.1	0.89
C6	26 Feb 2018	5	13.99	80.29	8.0	33.54	8.1	25.1	0.98
C6	26 Feb 2018	6	13.94	80.60	7.8	33.53	8.1	25.1	1.01
C6	26 Feb 2018	7	13.84	81.46	7.4	33.53	8.0	25.1	0.88
C6	26 Feb 2018	8	13.75	82.48	7.1	33.52	8.0	25.1	0.75
C6	26 Feb 2018	9	13.61	82.97	6.7	33.51	8.0	25.1	0.56
A7	05 Feb 2018	1	16.18	86.83	8.0	33.51	8.1	24.6	0.29
A7	05 Feb 2018	2	16.18	86.89	8.0	33.51	8.1	24.6	0.28
A7	05 Feb 2018	3	16.18	86.96	8.0	33.51	8.1	24.6	0.29
A7	05 Feb 2018	4	16.17	86.95	8.0	33.52	8.1	24.6	0.29
A7	05 Feb 2018	5	16.10	86.99	8.0	33.52	8.1	24.6	0.32
A7	05 Feb 2018	6	15.98	86.93	8.0	33.51	8.1	24.6	0.37
A7	05 Feb 2018	7	15.90	86.93	7.9	33.51	8.1	24.6	0.40
A7	05 Feb 2018	8	15.81	86.84	7.9	33.51	8.1	24.6	0.44
A7	05 Feb 2018	9	15.68	86.96	7.8	33.50	8.1	24.7	0.44
A7	05 Feb 2018	10	15.45	86.99	7.7	33.50	8.1	24.7	0.46
A7	05 Feb 2018	11	15.19	86.92	7.6	33.50	8.1	24.8	0.54
A7	05 Feb 2018	12	14.78	86.74	7.6	33.48	8.1	24.8	0.59
A7	05 Feb 2018	13	14.73	86.71	7.6	33.46	8.1	24.8	0.87
A7	05 Feb 2018	14	14.69	86.61	7.6	33.46	8.1	24.9	0.91
A7	05 Feb 2018	15	14.65	86.53	7.6	33.45	8.1	24.9	1.04
A7	05 Feb 2018	16	14.64	86.63	7.6	33.45	8.1	24.9	1.05
A7	05 Feb 2018	17	14.63	86.57	7.6	33.45	8.1	24.9	1.13
A7	05 Feb 2018	18	14.62	86.51	7.6	33.45	8.1	24.9	1.20
A7	05 Feb 2018	19	14.62	86.55	7.6	33.45	8.1	24.9	1.21
A7	16 Feb 2018	1	15.72	81.93	8.0	33.49	8.2	24.6	1.19
A7	16 Feb 2018	2	15.72	82.03	8.0	33.49	8.2	24.6	1.15
A7	16 Feb 2018	3	15.71	81.94	8.0	33.49	8.2	24.7	1.24
A7	16 Feb 2018	4	15.71	81.98	8.0	33.49	8.2	24.7	1.19
A7	16 Feb 2018	5	15.72	82.07	8.1	33.49	8.2	24.6	1.25
A7	16 Feb 2018	6	15.72	82.02	8.1	33.49	8.2	24.6	1.32
A7	16 Feb 2018	7	15.70	82.06	8.0	33.49	8.2	24.7	1.33
A7	16 Feb 2018	8	15.63	82.33	8.0	33.49	8.2	24.7	1.34
A7	16 Feb 2018	9	15.58	82.66	7.9	33.49	8.2	24.7	1.26
A7	16 Feb 2018	10	15.51	82.38	7.8	33.48	8.2	24.7	1.16
A7	16 Feb 2018	11	15.47	82.31	7.7	33.48	8.2	24.7	1.16
A7	16 Feb 2018	12	15.28	83.20	7.6	33.49	8.1	24.7	1.03
A7	16 Feb 2018	13	15.24	83.72	7.5	33.48	8.1	24.7	0.74
A7	16 Feb 2018	14	15.12	83.57	7.5	33.48	8.1	24.8	0.62
A7	16 Feb 2018	15	15.11	83.79	7.4	33.48	8.1	24.8	0.64

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A7	16 Feb 2018	16	14.95	83.71	7.2	33.48	8.1	24.8	0.62
A7	16 Feb 2018	17	14.15	83.15	7.0	33.50	8.1	25.0	0.77
A7	16 Feb 2018	18	13.97	82.49	6.8	33.47	8.1	25.0	0.62
A7	16 Feb 2018	19	13.78	81.90	6.7	33.47	8.1	25.0	0.58
A7	20 Feb 2018	1	14.61	79.45	7.4	33.45	8.1	24.9	0.56
A7	20 Feb 2018	2	14.61	81.59	7.4	33.50	8.1	24.9	0.55
A7	20 Feb 2018	3	14.61	81.32	7.3	33.50	8.1	24.9	0.59
A7	20 Feb 2018	4	14.61	81.53	7.4	33.50	8.1	24.9	0.69
A7	20 Feb 2018	5	14.61	81.66	7.3	33.50	8.1	24.9	0.76
A7	20 Feb 2018	6	14.50	81.76	7.2	33.50	8.1	24.9	0.80
A7	20 Feb 2018	7	14.31	82.39	7.0	33.48	8.1	25.0	0.85
A7	20 Feb 2018	8	13.92	83.61	7.0	33.47	8.1	25.0	0.93
A7	20 Feb 2018	9	14.11	83.90	6.9	33.46	8.1	25.0	0.95
A7	20 Feb 2018	10	13.76	83.95	6.8	33.45	8.1	25.0	1.01
A7	20 Feb 2018	11	13.66	84.37	6.8	33.45	8.1	25.1	1.05
A7	20 Feb 2018	12	13.61	84.52	6.8	33.44	8.1	25.1	1.06
A7	20 Feb 2018	13	13.62	84.45	6.8	33.44	8.1	25.1	1.18
A7	20 Feb 2018	14	13.49	83.90	6.6	33.45	8.1	25.1	1.01
A7	20 Feb 2018	15	13.48	83.73	6.6	33.45	8.1	25.1	0.94
A7	20 Feb 2018	16	13.48	83.69	6.6	33.45	8.1	25.1	0.91
A7	20 Feb 2018	17	13.43	83.12	6.5	33.45	8.1	25.1	0.88
A7	20 Feb 2018	18	13.27	82.17	6.4	33.45	8.0	25.1	0.81
A7	20 Feb 2018	19	13.26	81.70	6.3	33.45	8.0	25.1	0.74
A7	20 Feb 2018	20	13.26	80.70	6.3	33.45	8.0	25.1	0.75
A7	26 Feb 2018	1	14.03	81.11	7.7	33.53	8.1	25.0	0.92
A7	26 Feb 2018	2	14.13	81.11	7.7	33.52	8.1	25.0	0.93
A7	26 Feb 2018	3	14.10	81.15	7.8	33.54	8.1	25.0	1.02
A7	26 Feb 2018	4	14.06	81.05	7.8	33.54	8.1	25.0	1.09
A7	26 Feb 2018	5	14.10	81.22	7.8	33.53	8.1	25.0	1.19
A7	26 Feb 2018	6	14.15	81.41	7.8	33.52	8.1	25.0	1.23
A7	26 Feb 2018	7	14.22	81.47	7.8	33.52	8.1	25.0	1.43
A7	26 Feb 2018	8	14.24	81.49	7.8	33.52	8.1	25.0	1.64
A7	26 Feb 2018	9	14.23	81.33	7.8	33.53	8.1	25.0	1.73
A7	26 Feb 2018	10	14.17	81.41	7.8	33.53	8.1	25.0	1.76
A7	26 Feb 2018	11	14.13	81.25	7.8	33.53	8.1	25.0	1.76
A7	26 Feb 2018	12	14.10	80.53	7.8	33.54	8.1	25.0	1.70
A7	26 Feb 2018	13	14.13	80.34	7.8	33.53	8.1	25.0	1.66
A7	26 Feb 2018	14	14.15	80.66	7.8	33.53	8.1	25.0	1.70
A7	26 Feb 2018	15	14.07	80.36	7.7	33.54	8.1	25.0	1.70
A7	26 Feb 2018	16	14.00	80.00	7.7	33.54	8.1	25.1	1.63
A7	26 Feb 2018	17	14.00	79.73	7.7	33.54	8.0	25.1	1.51
A7	26 Feb 2018	18	13.93	79.46	7.4	33.54	8.0	25.1	1.44
A7	26 Feb 2018	19	13.09	80.03	6.8	33.59	8.0	25.3	1.31
A7	26 Feb 2018	20	12.91	81.89	6.6	33.52	7.9	25.3	0.97
C7	05 Feb 2018	1	16.25	86.24	8.0	33.51	8.1	24.5	0.27
C7	05 Feb 2018	2	16.24	86.40	8.1	33.51	8.1	24.5	0.29
C7	05 Feb 2018	3	16.22	86.38	8.1	33.51	8.1	24.5	0.28
C7	05 Feb 2018	4	16.21	86.35	8.1	33.51	8.1	24.6	0.32
C7	05 Feb 2018	5	16.20	86.40	8.1	33.51	8.1	24.6	0.33
C7	05 Feb 2018	6	16.20	86.45	8.1	33.51	8.1	24.6	0.35
C7	05 Feb 2018	7	16.19	86.45	8.1	33.51	8.1	24.6	0.38
C7	05 Feb 2018	8	16.19	86.44	8.1	33.51	8.1	24.6	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C7	05 Feb 2018	9	16.19	86.46	8.1	33.50	8.1	24.6	0.43
C7	05 Feb 2018	10	16.18	86.42	8.1	33.51	8.1	24.6	0.45
C7	05 Feb 2018	11	16.18	86.44	8.1	33.50	8.1	24.6	0.48
C7	05 Feb 2018	12	16.17	86.46	8.1	33.51	8.1	24.6	0.51
C7	05 Feb 2018	13	16.16	86.35	8.1	33.51	8.1	24.6	0.58
C7	05 Feb 2018	14	16.14	86.30	8.0	33.51	8.1	24.6	0.66
C7	05 Feb 2018	15	16.04	86.35	7.9	33.51	8.1	24.6	0.70
C7	05 Feb 2018	16	15.12	85.54	7.7	33.54	8.1	24.8	0.79
C7	05 Feb 2018	17	14.41	85.42	7.3	33.48	8.1	24.9	0.65
C7	05 Feb 2018	18	14.36	85.86	7.2	33.45	8.1	24.9	0.49
C7	16 Feb 2018	1	15.90	81.04	8.1	33.49	8.2	24.6	1.12
C7	16 Feb 2018	2	15.89	81.19	8.1	33.50	8.2	24.6	1.13
C7	16 Feb 2018	3	15.73	81.57	8.0	33.50	8.2	24.7	1.21
C7	16 Feb 2018	4	15.69	81.82	7.9	33.49	8.2	24.7	1.14
C7	16 Feb 2018	5	15.64	82.10	7.9	33.49	8.2	24.7	1.07
C7	16 Feb 2018	6	15.62	82.34	7.9	33.48	8.2	24.7	1.09
C7	16 Feb 2018	7	15.60	82.24	8.0	33.48	8.2	24.7	1.15
C7	16 Feb 2018	8	15.58	82.41	7.9	33.48	8.2	24.7	1.23
C7	16 Feb 2018	9	15.53	82.61	7.9	33.48	8.2	24.7	1.34
C7	16 Feb 2018	10	15.52	82.96	7.9	33.48	8.2	24.7	1.16
C7	16 Feb 2018	11	15.42	83.13	7.7	33.49	8.2	24.7	1.09
C7	16 Feb 2018	12	15.30	83.82	7.6	33.48	8.2	24.7	0.90
C7	16 Feb 2018	13	15.28	84.00	7.5	33.48	8.2	24.7	0.66
C7	16 Feb 2018	14	15.16	84.14	7.5	33.48	8.1	24.8	0.56
C7	16 Feb 2018	15	15.14	84.15	7.4	33.48	8.1	24.8	0.49
C7	16 Feb 2018	16	15.02	84.12	7.4	33.48	8.1	24.8	0.55
C7	16 Feb 2018	17	14.96	84.15	7.3	33.48	8.1	24.8	0.63
C7	16 Feb 2018	18	14.93	84.02	7.3	33.48	8.1	24.8	0.64
C7	16 Feb 2018	19	14.86	83.93	7.3	33.48	8.1	24.8	0.79
C7	16 Feb 2018	20	14.84	83.92	7.3	33.48	8.1	24.8	0.65
C7	20 Feb 2018	1	15.41	71.87	7.7	33.54	8.2	24.8	0.90
C7	20 Feb 2018	2	15.41	71.89	7.8	33.54	8.2	24.8	0.93
C7	20 Feb 2018	3	15.42	71.68	7.7	33.54	8.2	24.8	1.09
C7	20 Feb 2018	4	15.41	71.43	7.7	33.55	8.2	24.8	1.39
C7	20 Feb 2018	5	15.40	71.36	7.7	33.55	8.2	24.8	1.58
C7	20 Feb 2018	6	15.40	71.19	7.7	33.55	8.2	24.8	1.65
C7	20 Feb 2018	7	15.36	71.43	7.7	33.55	8.2	24.8	1.65
C7	20 Feb 2018	8	15.23	71.69	7.5	33.55	8.2	24.8	1.60
C7	20 Feb 2018	9	14.82	73.57	7.2	33.52	8.2	24.9	1.46
C7	20 Feb 2018	10	14.23	77.19	6.9	33.52	8.1	25.0	1.18
C7	20 Feb 2018	11	14.03	78.88	6.7	33.48	8.1	25.0	0.94
C7	20 Feb 2018	12	14.02	76.59	6.6	33.47	8.1	25.0	0.81
C7	20 Feb 2018	13	13.92	79.81	6.6	33.47	8.1	25.0	0.72
C7	20 Feb 2018	14	13.90	81.38	6.6	33.47	8.1	25.0	0.76
C7	20 Feb 2018	15	13.87	81.77	6.6	33.47	8.1	25.0	0.73
C7	20 Feb 2018	16	13.86	81.91	6.5	33.47	8.1	25.0	0.67
C7	20 Feb 2018	17	13.86	82.09	6.5	33.47	8.1	25.0	0.65
C7	20 Feb 2018	18	13.81	81.63	6.5	33.47	8.1	25.0	0.64
C7	20 Feb 2018	19	13.82	80.11	6.5	33.47	8.1	25.0	0.61
C7	26 Feb 2018	1	14.22	78.43	8.0	33.53	8.1	25.0	1.22
C7	26 Feb 2018	2	14.22	78.15	7.9	33.53	8.1	25.0	1.21
C7	26 Feb 2018	3	14.22	78.31	7.9	33.53	8.1	25.0	1.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C7	26 Feb 2018	4	14.21	78.39	8.0	33.53	8.1	25.0	1.50
C7	26 Feb 2018	5	14.21	78.46	7.9	33.53	8.1	25.0	1.67
C7	26 Feb 2018	6	14.19	78.46	7.9	33.53	8.1	25.0	1.97
C7	26 Feb 2018	7	14.18	78.85	7.9	33.53	8.1	25.0	2.23
C7	26 Feb 2018	8	14.18	78.97	7.9	33.53	8.1	25.0	2.27
C7	26 Feb 2018	9	14.18	78.92	7.9	33.53	8.1	25.0	2.36
C7	26 Feb 2018	10	14.14	78.96	7.7	33.53	8.1	25.0	2.28
C7	26 Feb 2018	11	14.00	80.44	7.4	33.53	8.1	25.0	2.06
C7	26 Feb 2018	12	13.81	81.68	7.2	33.52	8.0	25.1	1.77
C7	26 Feb 2018	13	13.65	82.21	7.0	33.52	8.0	25.1	1.61
C7	26 Feb 2018	14	13.51	82.35	6.8	33.51	8.0	25.1	1.32
C7	26 Feb 2018	15	13.33	83.11	6.5	33.51	8.0	25.2	1.05
C7	26 Feb 2018	16	13.14	83.61	6.2	33.51	8.0	25.2	0.85
C7	26 Feb 2018	17	12.83	83.72	5.9	33.51	7.9	25.3	0.67
C7	26 Feb 2018	18	12.33	83.98	5.6	33.52	7.9	25.4	0.56
C7	26 Feb 2018	19	12.20	83.63	5.5	33.49	7.9	25.4	0.40
C8	05 Feb 2018	1	16.28	84.05	8.0	33.50	8.1	24.5	0.23
C8	05 Feb 2018	2	16.27	86.24	8.0	33.51	8.1	24.5	0.23
C8	05 Feb 2018	3	16.24	86.41	8.0	33.51	8.1	24.5	0.23
C8	05 Feb 2018	4	16.23	86.52	8.1	33.51	8.1	24.5	0.25
C8	05 Feb 2018	5	16.21	86.49	8.1	33.51	8.1	24.6	0.27
C8	05 Feb 2018	6	16.16	86.55	8.1	33.51	8.1	24.6	0.31
C8	05 Feb 2018	7	16.14	86.67	8.1	33.50	8.1	24.6	0.31
C8	05 Feb 2018	8	16.11	86.65	8.1	33.50	8.2	24.6	0.32
C8	05 Feb 2018	9	16.10	86.67	8.1	33.50	8.2	24.6	0.34
C8	05 Feb 2018	10	16.09	86.66	8.1	33.50	8.2	24.6	0.38
C8	05 Feb 2018	11	16.09	86.61	8.1	33.50	8.2	24.6	0.41
C8	05 Feb 2018	12	16.08	86.60	8.1	33.50	8.2	24.6	0.48
C8	05 Feb 2018	13	16.07	86.48	8.1	33.50	8.2	24.6	0.58
C8	05 Feb 2018	14	16.03	86.00	8.1	33.50	8.2	24.6	0.68
C8	05 Feb 2018	15	16.00	85.78	8.1	33.50	8.2	24.6	0.85
C8	05 Feb 2018	16	15.92	85.21	8.1	33.51	8.2	24.6	0.94
C8	05 Feb 2018	17	15.39	84.83	7.8	33.52	8.1	24.7	1.00
C8	05 Feb 2018	18	14.58	85.07	7.4	33.48	8.1	24.9	0.72
C8	16 Feb 2018	1	15.90	81.12	8.1	33.49	8.2	24.6	0.90
C8	16 Feb 2018	2	15.89	81.10	8.1	33.49	8.2	24.6	1.00
C8	16 Feb 2018	3	15.85	80.72	8.1	33.49	8.2	24.6	1.19
C8	16 Feb 2018	4	15.74	80.95	8.0	33.49	8.2	24.6	1.24
C8	16 Feb 2018	5	15.67	81.60	8.0	33.49	8.2	24.7	1.15
C8	16 Feb 2018	6	15.64	81.88	8.0	33.48	8.2	24.7	1.12
C8	16 Feb 2018	7	15.62	82.08	8.0	33.48	8.2	24.7	1.11
C8	16 Feb 2018	8	15.60	82.34	7.9	33.48	8.2	24.7	1.20
C8	16 Feb 2018	9	15.56	82.41	7.9	33.48	8.2	24.7	1.13
C8	16 Feb 2018	10	15.51	82.67	7.8	33.48	8.2	24.7	1.01
C8	16 Feb 2018	11	15.44	83.47	7.7	33.48	8.2	24.7	0.83
C8	16 Feb 2018	12	15.39	83.50	7.7	33.48	8.2	24.7	0.72
C8	16 Feb 2018	13	15.36	83.57	7.7	33.48	8.2	24.7	0.71
C8	16 Feb 2018	14	15.34	83.66	7.7	33.48	8.2	24.7	0.67
C8	16 Feb 2018	15	15.30	83.58	7.7	33.48	8.2	24.7	0.70
C8	16 Feb 2018	16	15.28	83.79	7.6	33.48	8.1	24.7	0.76
C8	16 Feb 2018	17	15.24	83.77	7.5	33.48	8.1	24.7	0.71
C8	16 Feb 2018	18	15.24	84.01	7.5	33.48	8.1	24.7	0.62
C8	16 Feb 2018	19	15.24	83.87	7.6	33.48	8.1	24.7	0.68

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C8	20 Feb 2018	1	15.29	80.77	7.8	33.52	8.2	24.8	0.66
C8	20 Feb 2018	2	15.29	80.67	7.8	33.52	8.2	24.8	0.68
C8	20 Feb 2018	3	15.30	79.86	7.8	33.52	8.2	24.8	0.73
C8	20 Feb 2018	4	15.27	79.20	7.8	33.52	8.2	24.8	0.86
C8	20 Feb 2018	5	15.26	78.56	7.8	33.52	8.2	24.8	1.02
C8	20 Feb 2018	6	15.25	78.51	7.8	33.52	8.2	24.8	1.20
C8	20 Feb 2018	7	15.24	78.89	7.8	33.52	8.2	24.8	1.22
C8	20 Feb 2018	8	15.21	78.73	7.8	33.52	8.2	24.8	1.30
C8	20 Feb 2018	9	15.17	77.57	7.7	33.53	8.2	24.8	1.26
C8	20 Feb 2018	10	15.15	77.51	7.7	33.52	8.2	24.8	1.34
C8	20 Feb 2018	11	15.07	77.78	7.7	33.52	8.2	24.8	1.30
C8	20 Feb 2018	12	15.04	78.13	7.6	33.52	8.2	24.8	1.21
C8	20 Feb 2018	13	14.96	78.46	7.4	33.51	8.2	24.8	1.18
C8	20 Feb 2018	14	14.76	80.17	7.3	33.50	8.1	24.9	1.04
C8	20 Feb 2018	15	14.45	81.66	7.0	33.49	8.1	24.9	0.89
C8	20 Feb 2018	16	14.28	80.75	6.8	33.48	8.1	25.0	0.87
C8	20 Feb 2018	17	14.22	79.24	6.8	33.47	8.1	25.0	0.84
C8	20 Feb 2018	18	14.20	76.52	6.7	33.47	8.1	25.0	0.89
C8	20 Feb 2018	19	14.20	71.89	6.7	33.47	8.1	25.0	0.93
C8	20 Feb 2018	20	14.22	73.05	6.7	33.47	8.1	25.0	0.88
C8	26 Feb 2018	1	14.18	78.45	7.9	33.53	8.1	25.0	1.03
C8	26 Feb 2018	2	14.17	78.35	7.9	33.53	8.1	25.0	1.06
C8	26 Feb 2018	3	14.16	78.34	7.9	33.53	8.1	25.0	1.18
C8	26 Feb 2018	4	14.15	78.35	7.9	33.53	8.1	25.0	1.44
C8	26 Feb 2018	5	14.14	78.25	7.9	33.53	8.1	25.0	1.66
C8	26 Feb 2018	6	14.14	78.16	7.9	33.53	8.1	25.0	1.95
C8	26 Feb 2018	7	14.13	78.08	7.8	33.53	8.1	25.0	2.25
C8	26 Feb 2018	8	14.12	78.06	7.8	33.53	8.1	25.0	2.47
C8	26 Feb 2018	9	14.07	78.28	7.7	33.53	8.1	25.0	2.56
C8	26 Feb 2018	10	14.04	78.58	7.6	33.53	8.0	25.0	2.53
C8	26 Feb 2018	11	13.91	78.92	7.2	33.53	8.0	25.1	2.35
C8	26 Feb 2018	12	13.33	79.99	6.7	33.53	8.0	25.2	1.86
C8	26 Feb 2018	13	13.12	81.02	6.3	33.51	7.9	25.2	1.38
C8	26 Feb 2018	14	13.06	81.46	6.2	33.50	7.9	25.2	1.18
C8	26 Feb 2018	15	13.02	81.81	6.1	33.50	7.9	25.2	1.04
C8	26 Feb 2018	16	12.71	82.36	5.9	33.52	7.9	25.3	0.87
C8	26 Feb 2018	17	12.33	83.09	5.5	33.51	7.9	25.4	0.68
C8	26 Feb 2018	18	12.01	82.88	5.3	33.52	7.9	25.4	0.55
C8	26 Feb 2018	19	11.93	82.79	5.2	33.51	7.8	25.4	0.67

NA = not available

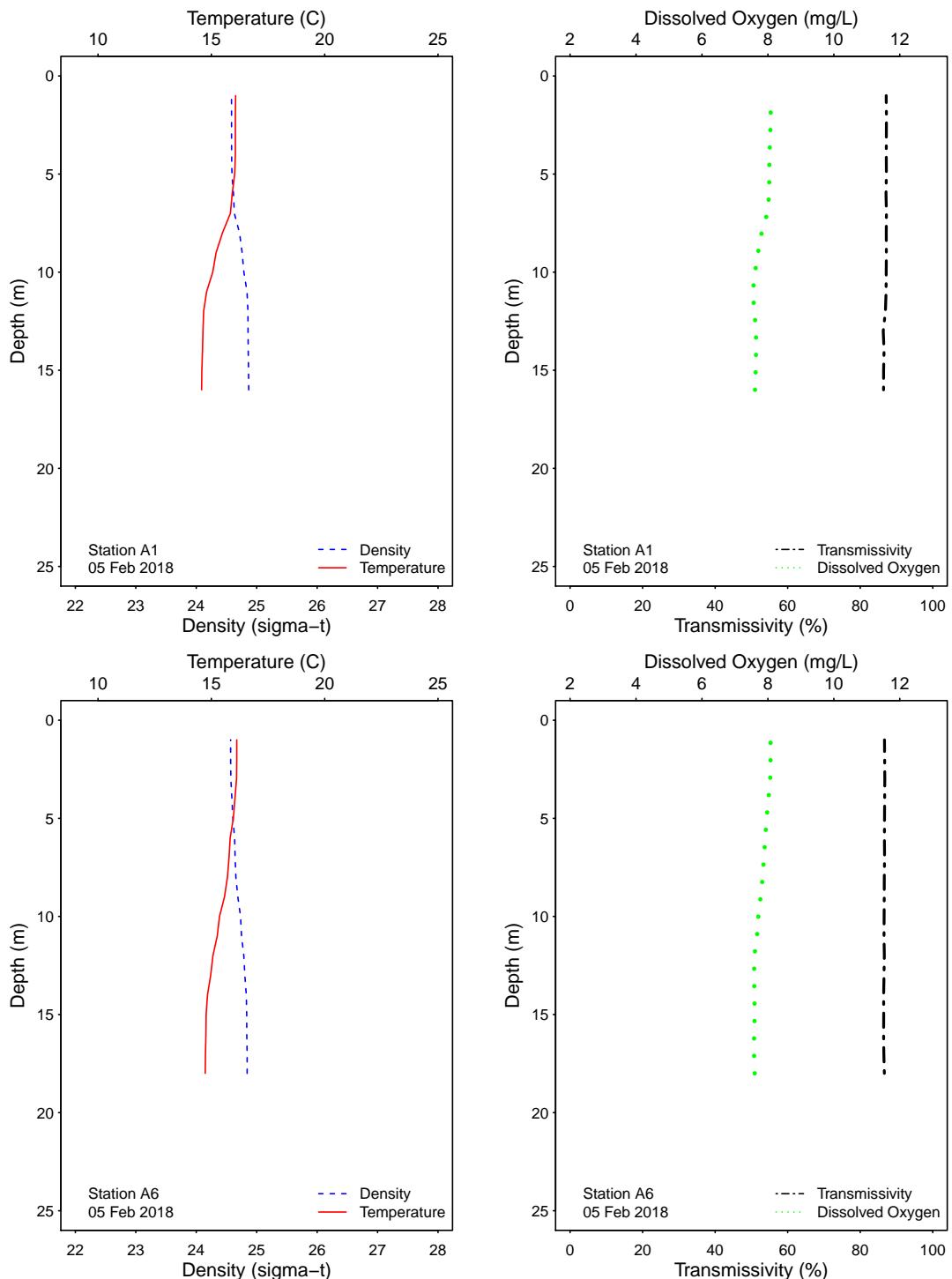


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

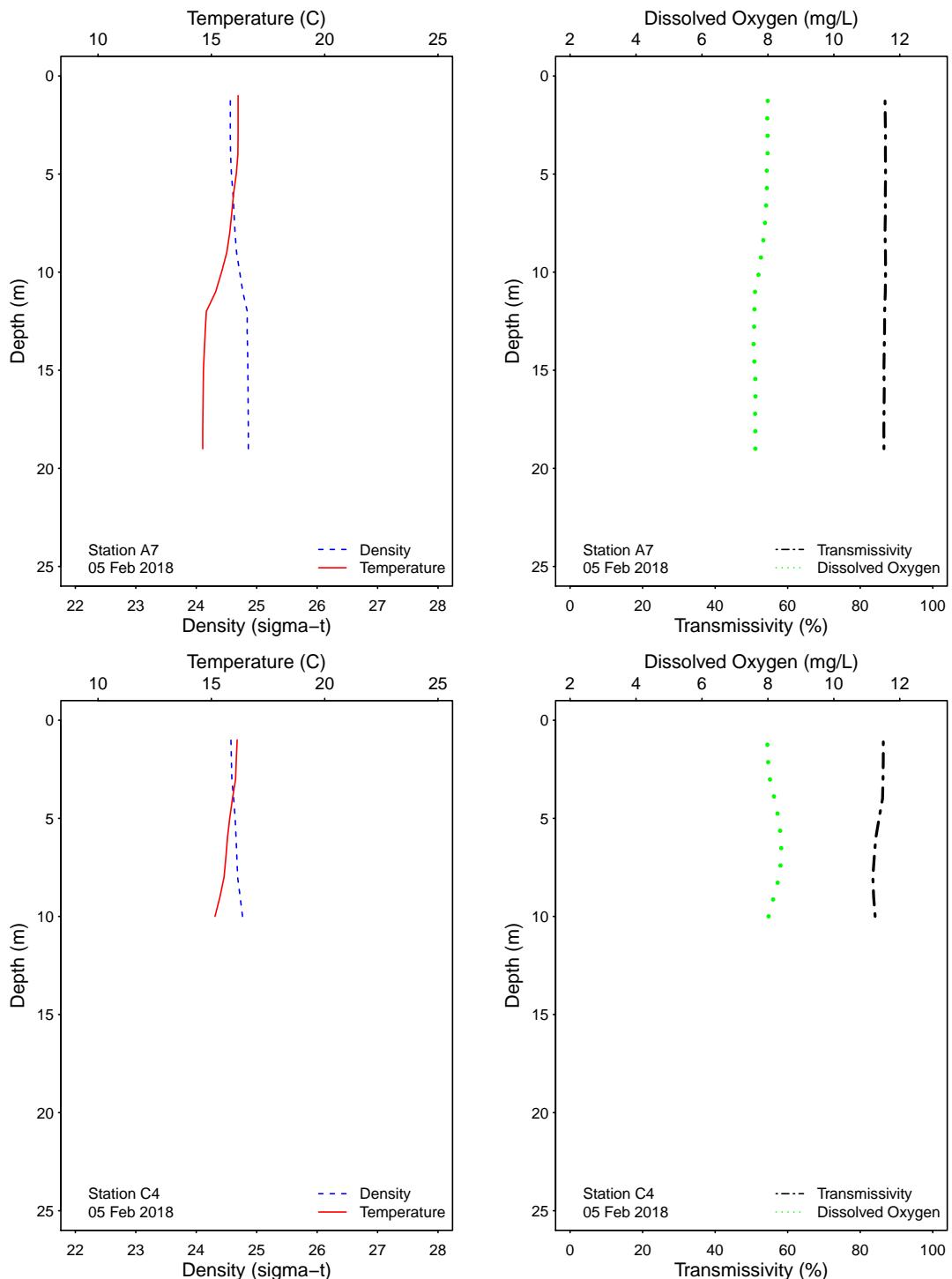


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

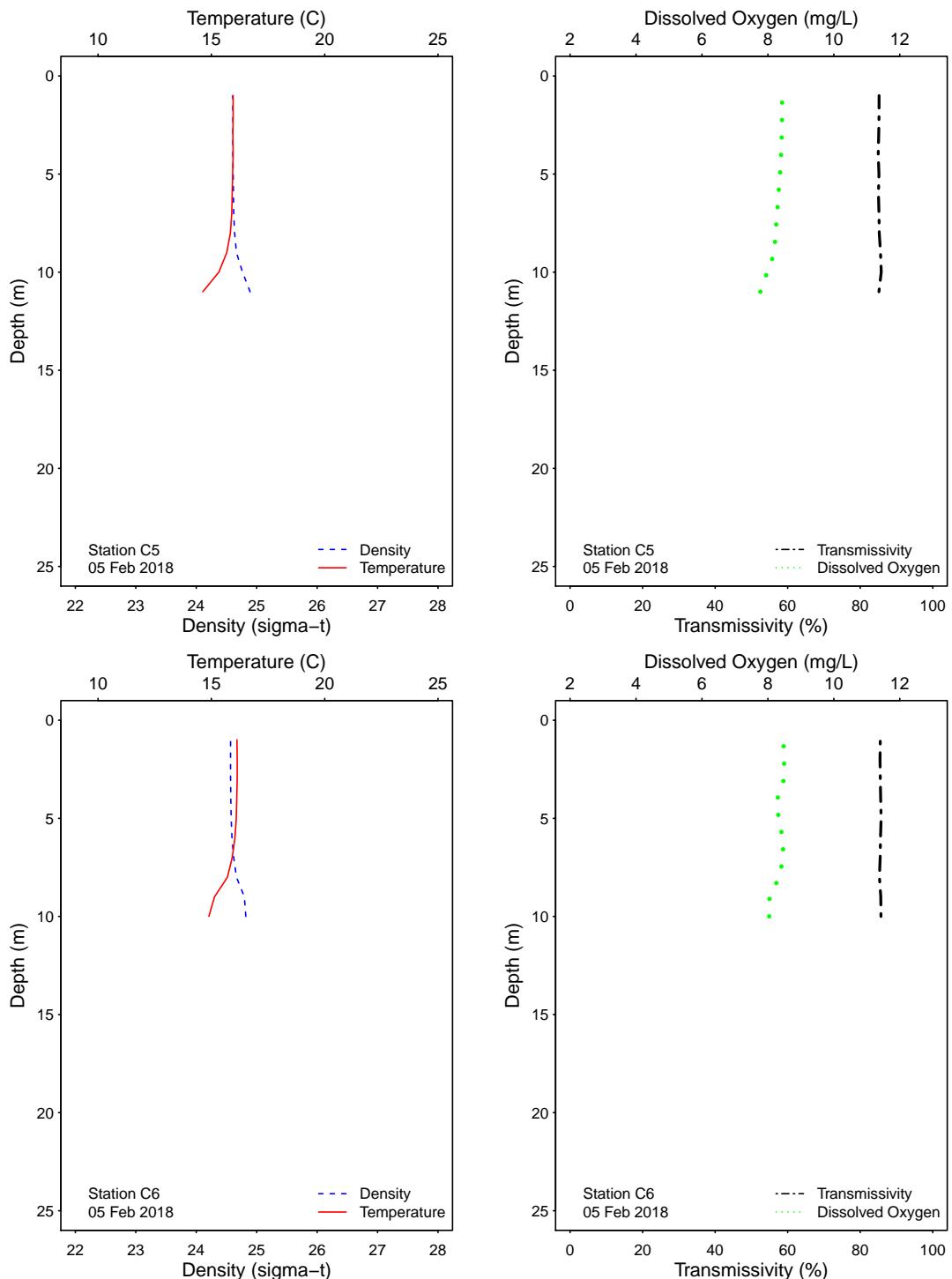


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

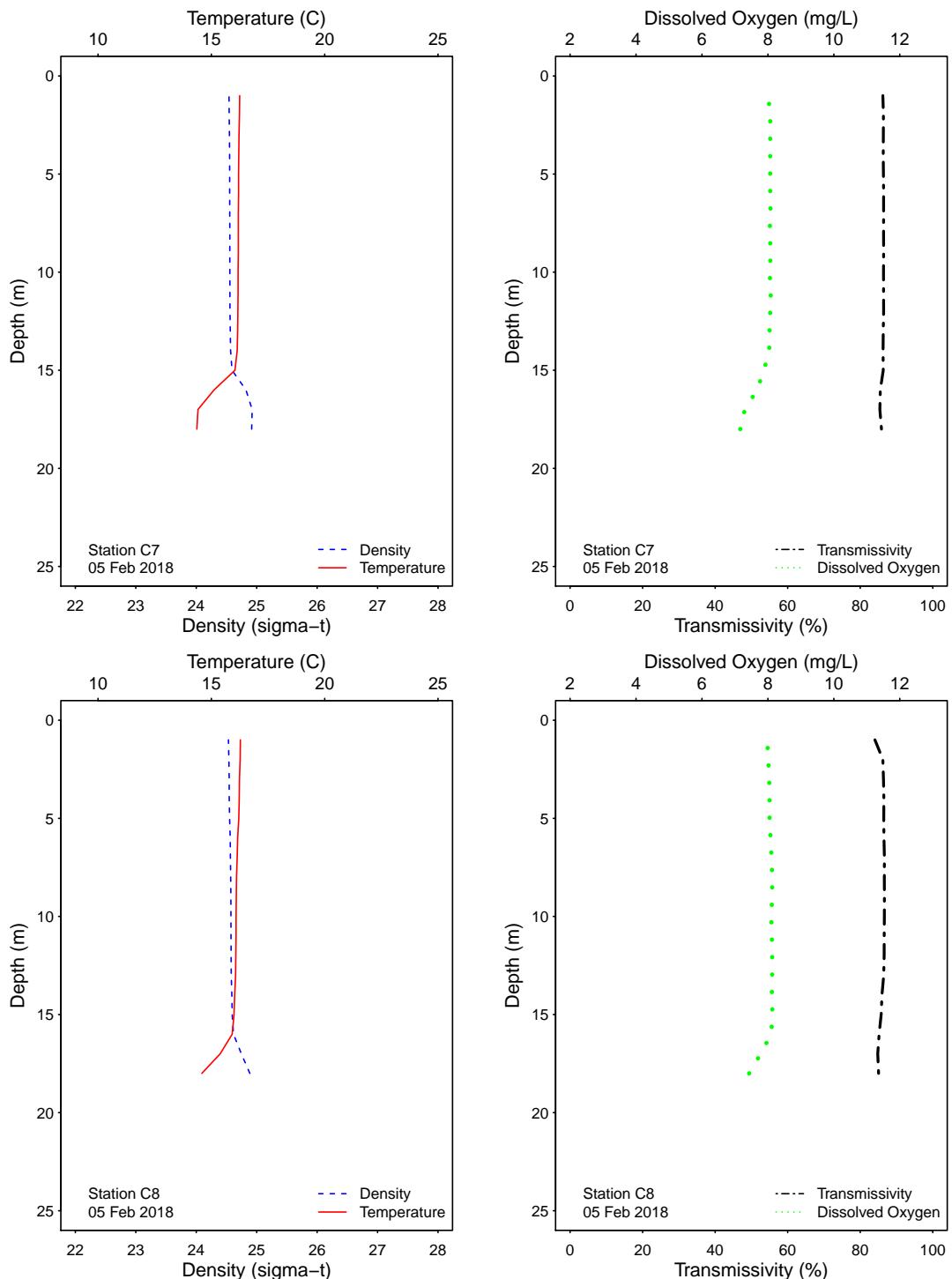


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

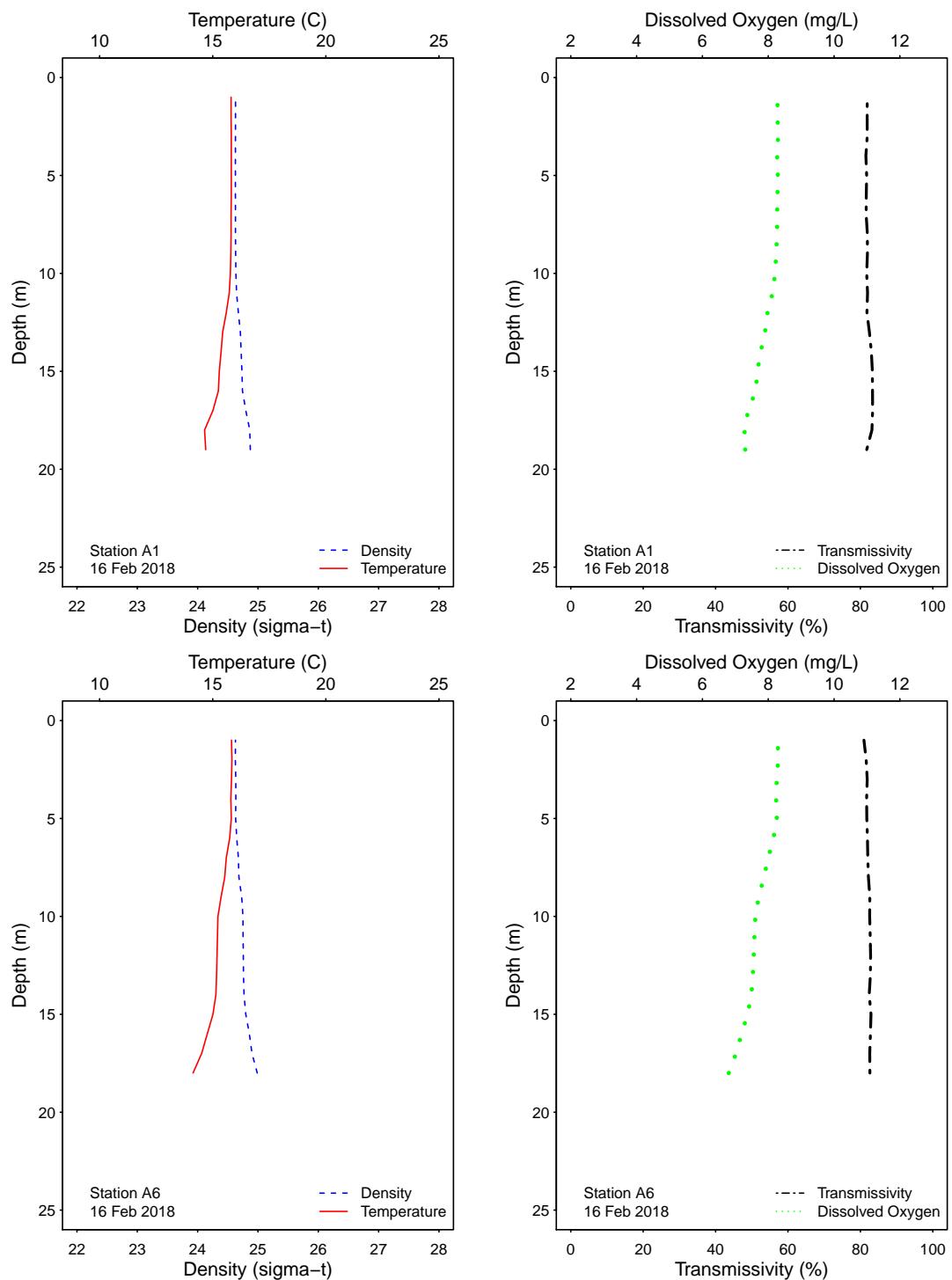


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

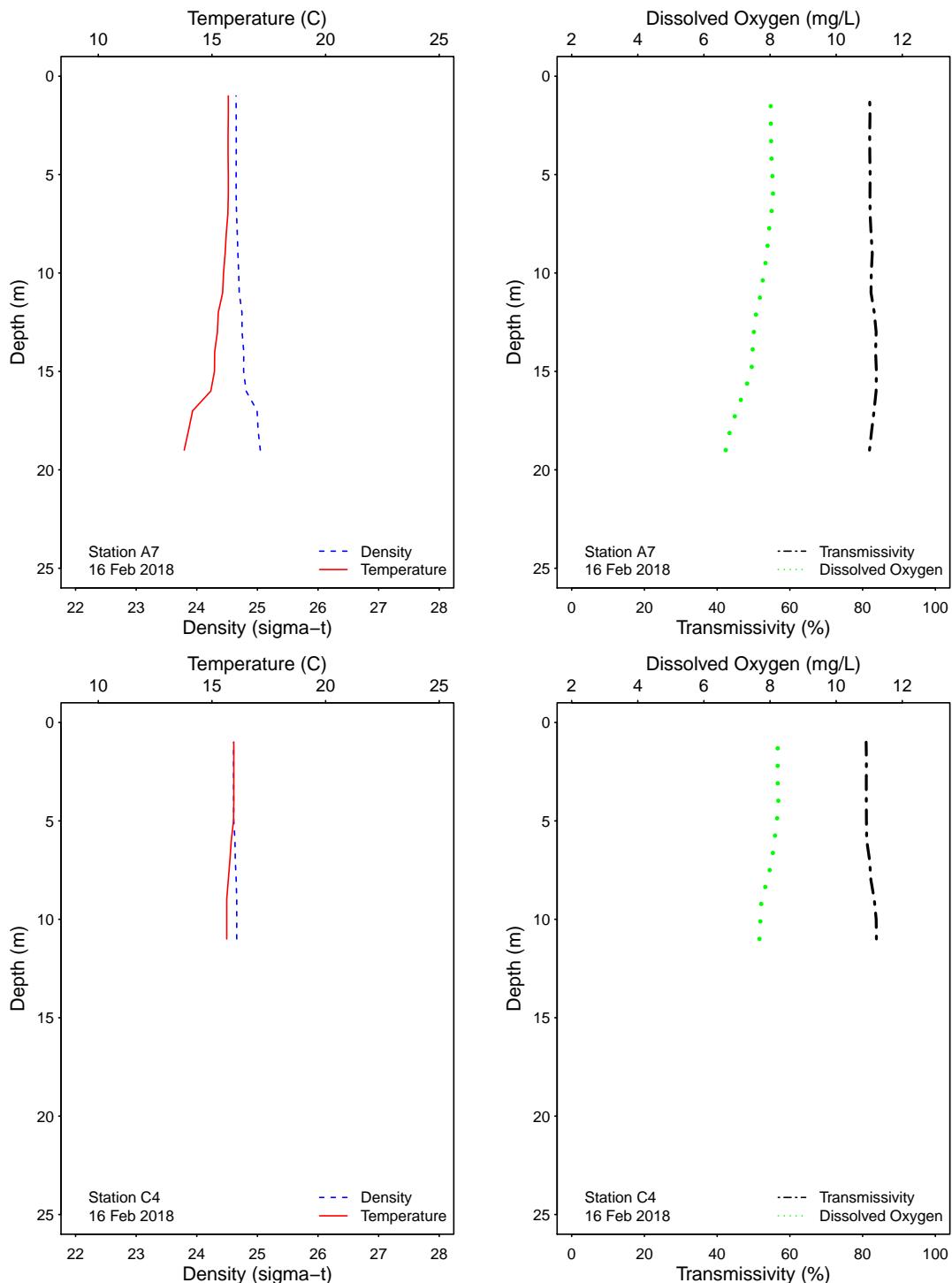


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

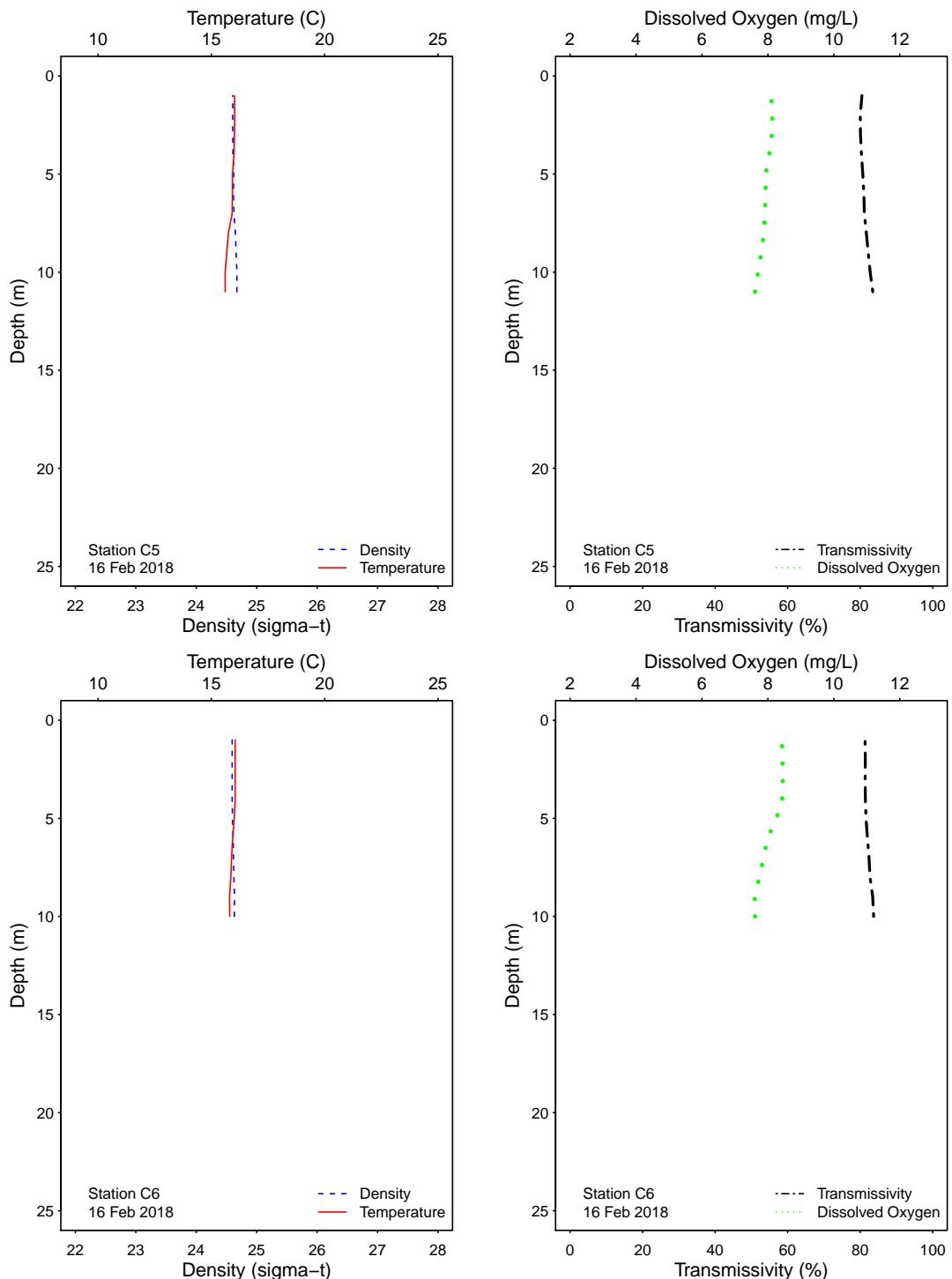


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

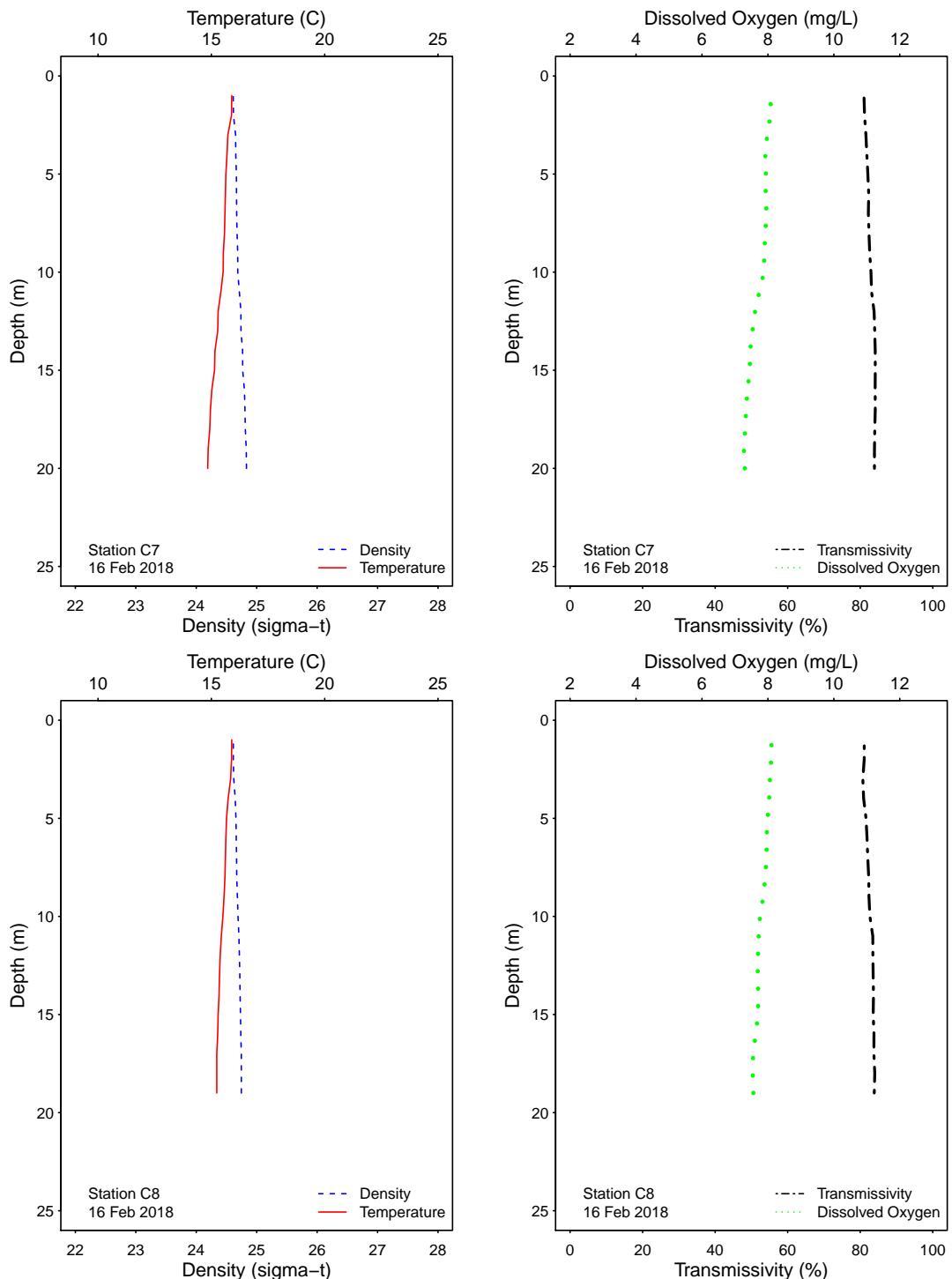


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

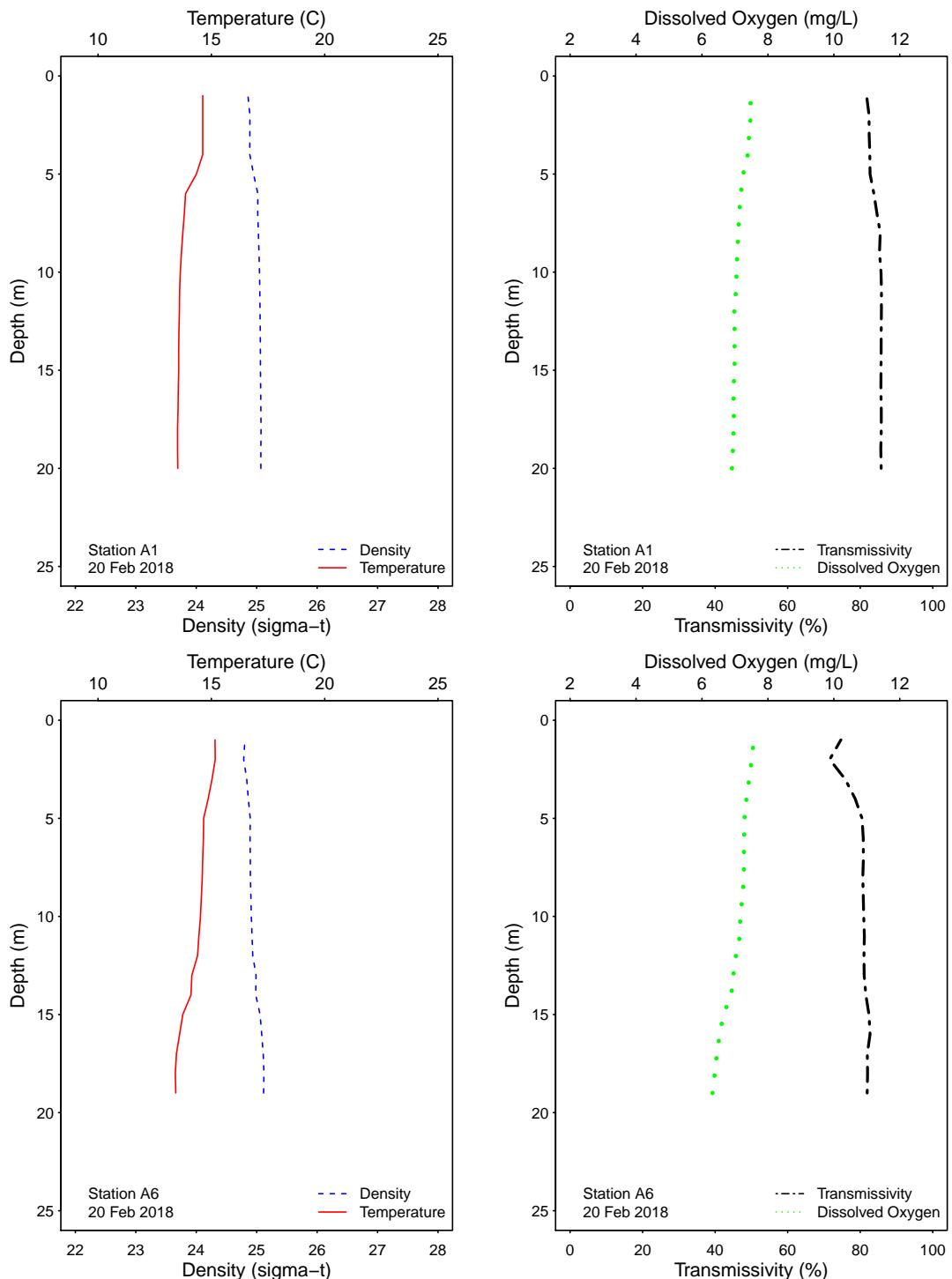


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

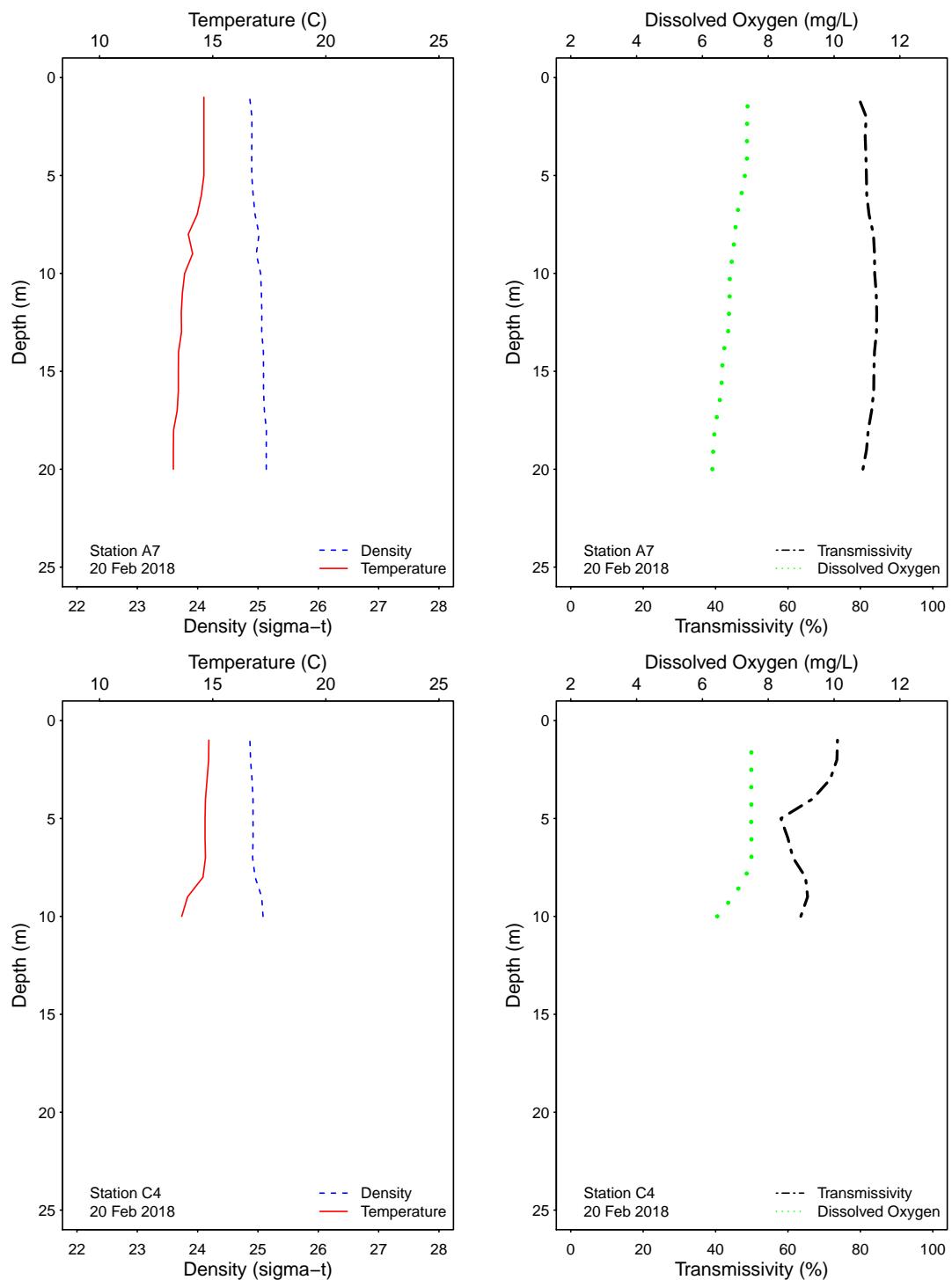


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

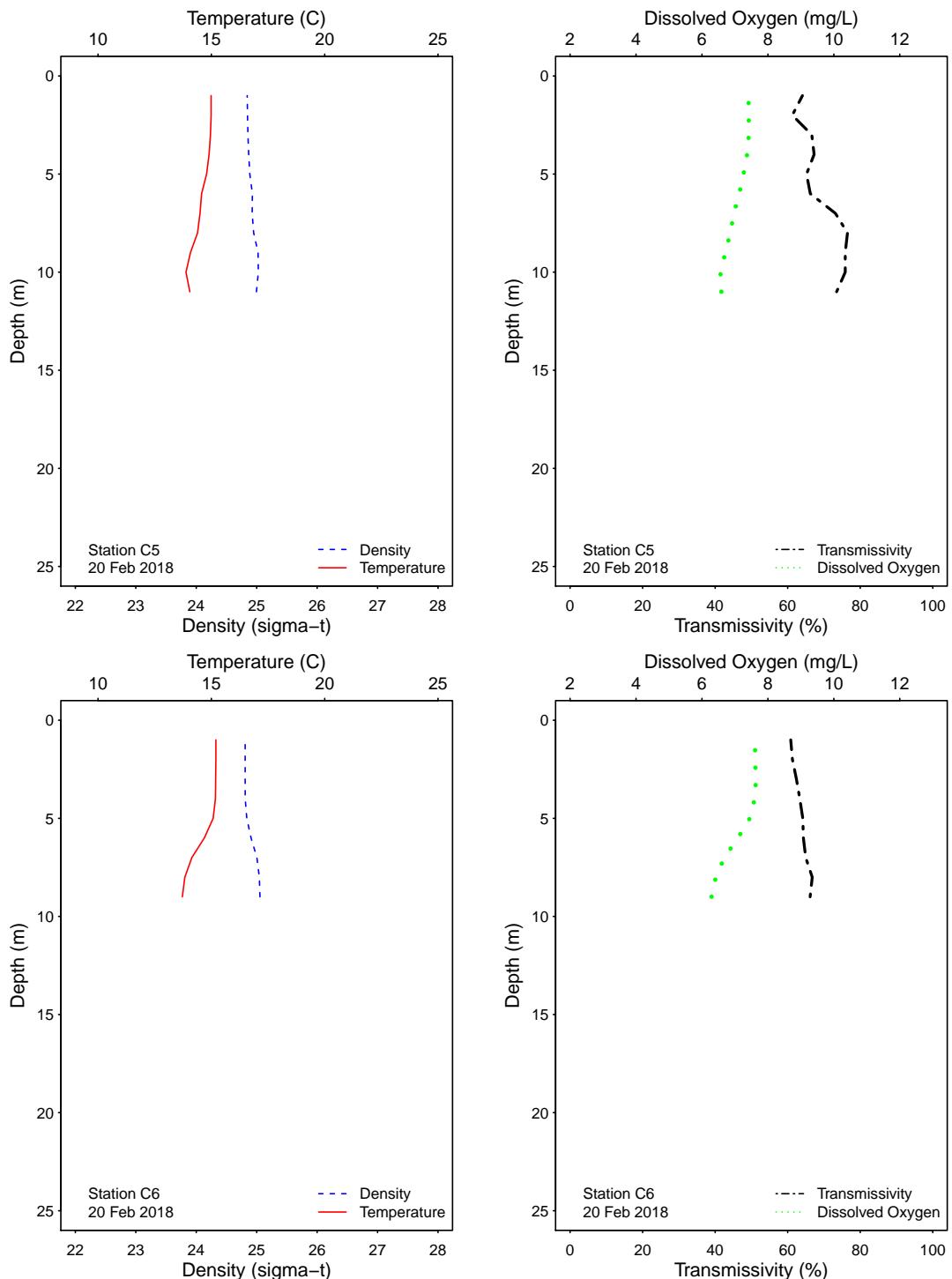


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

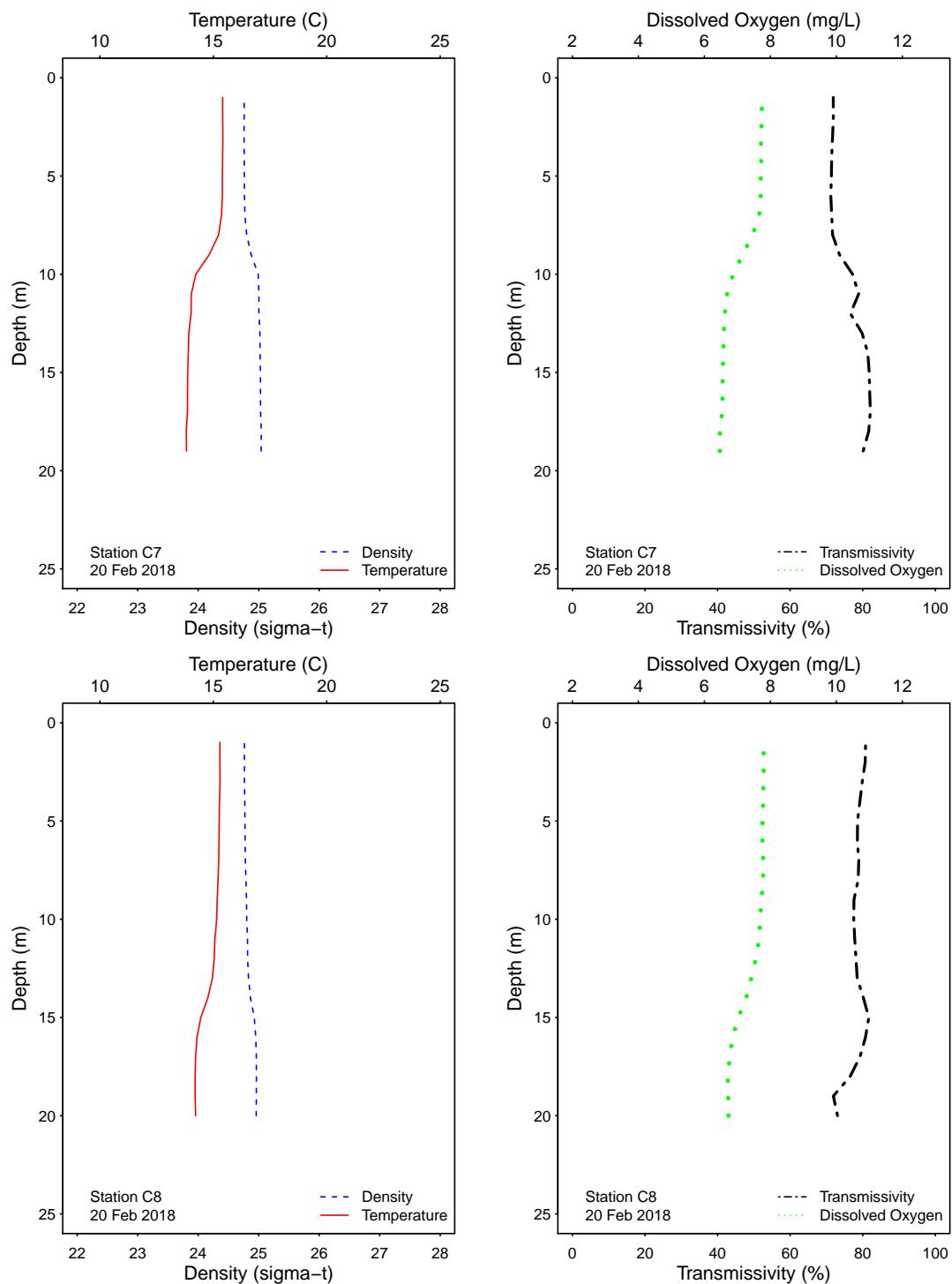


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

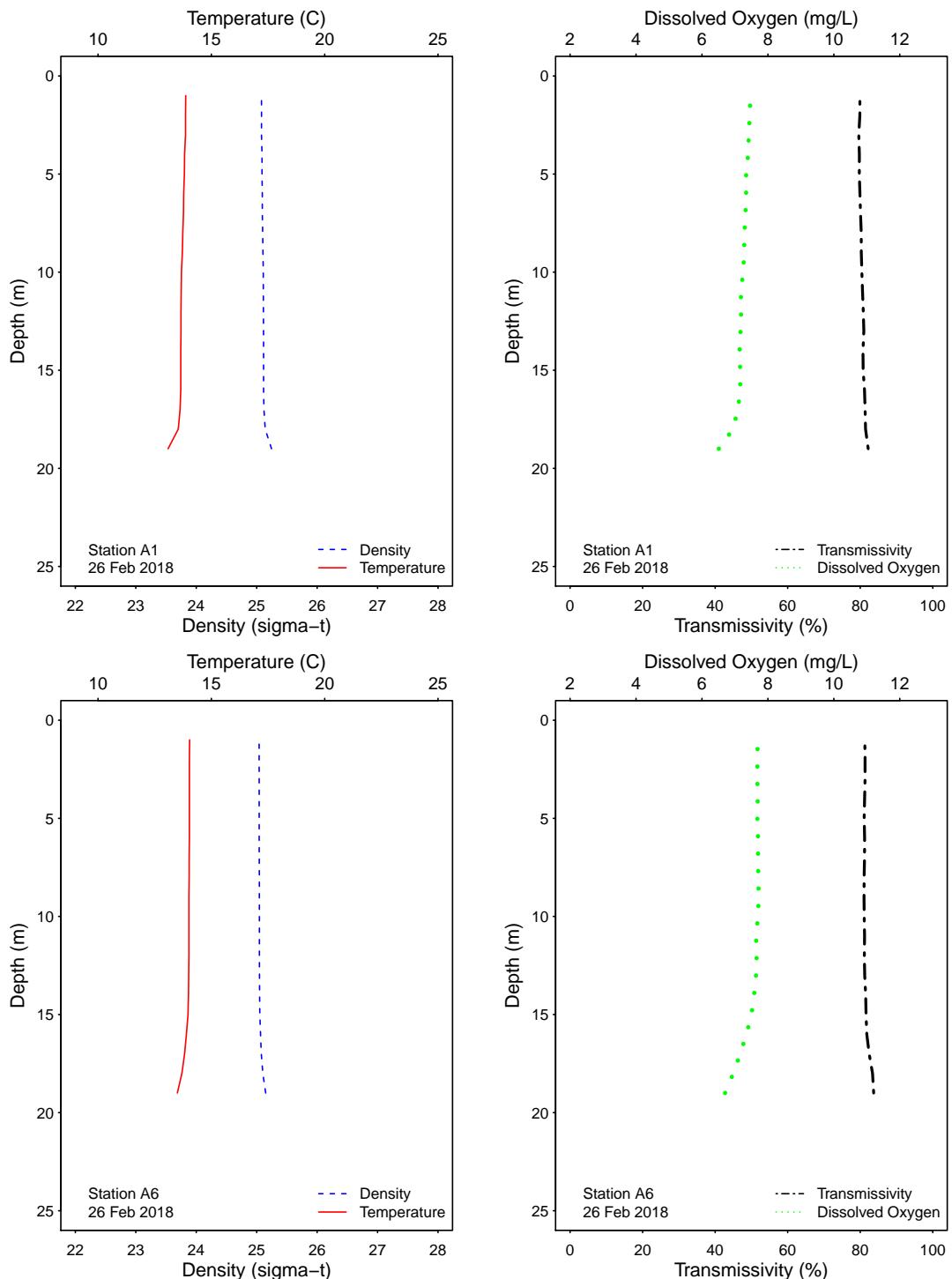


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

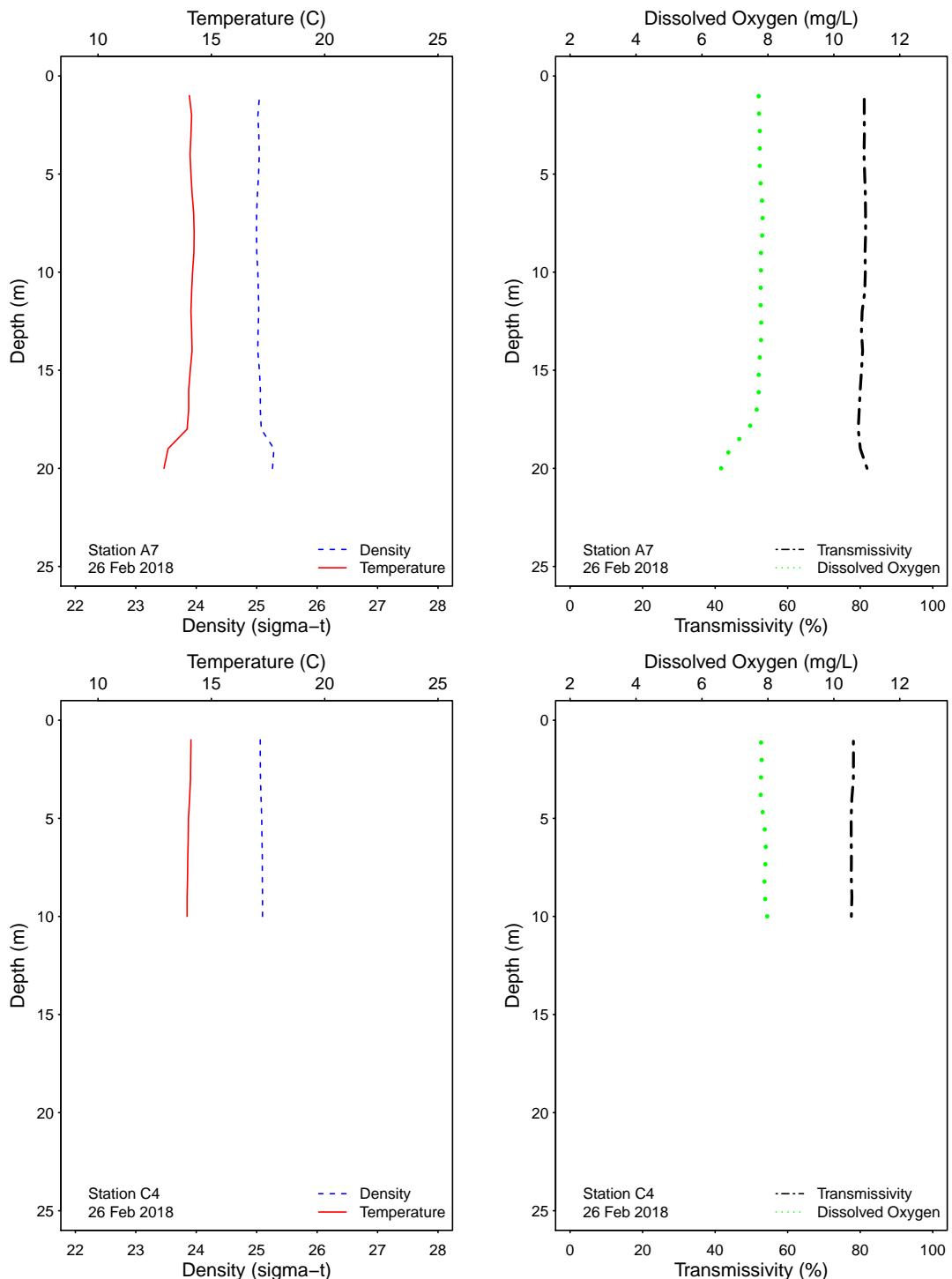


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

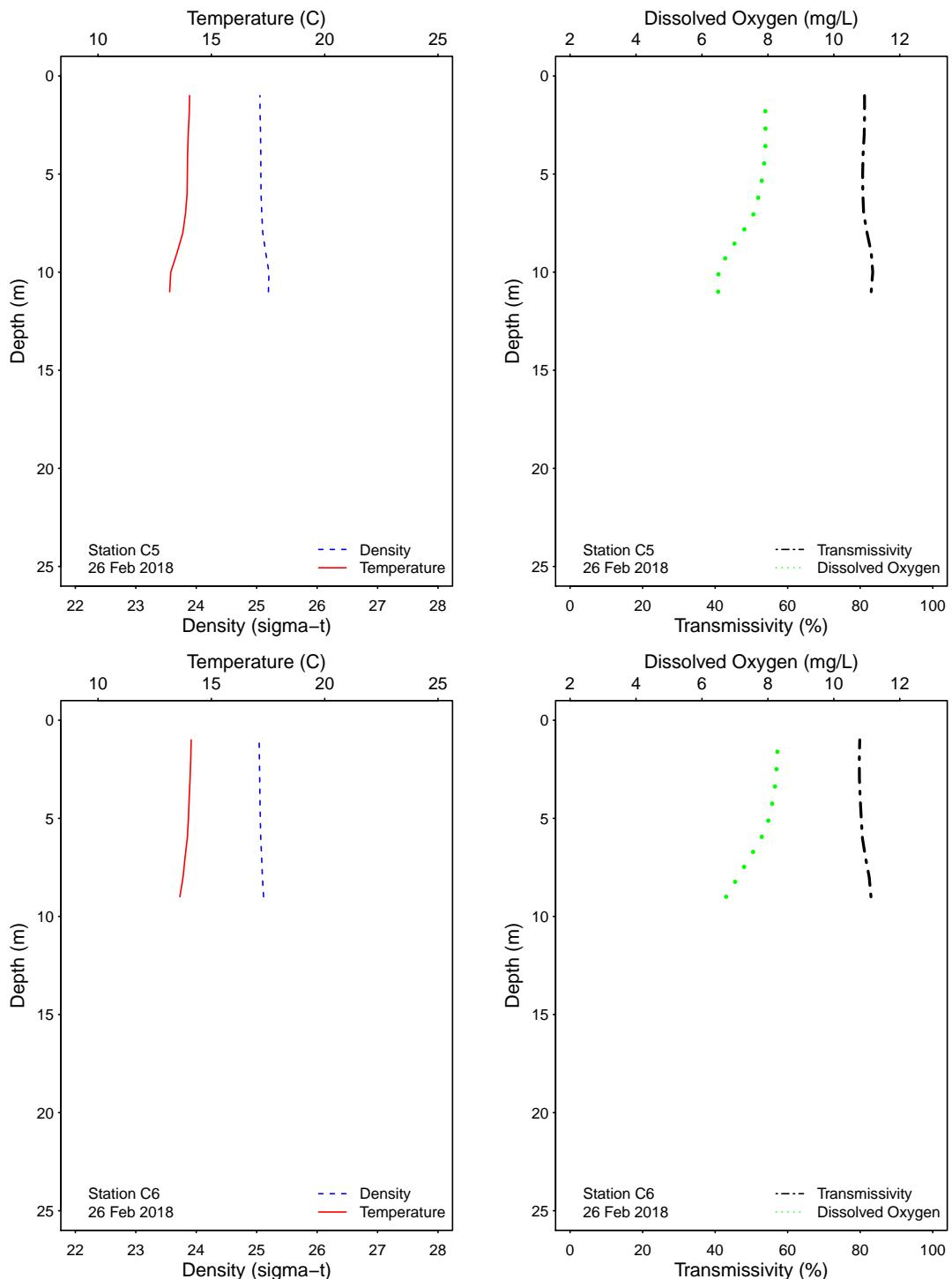


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

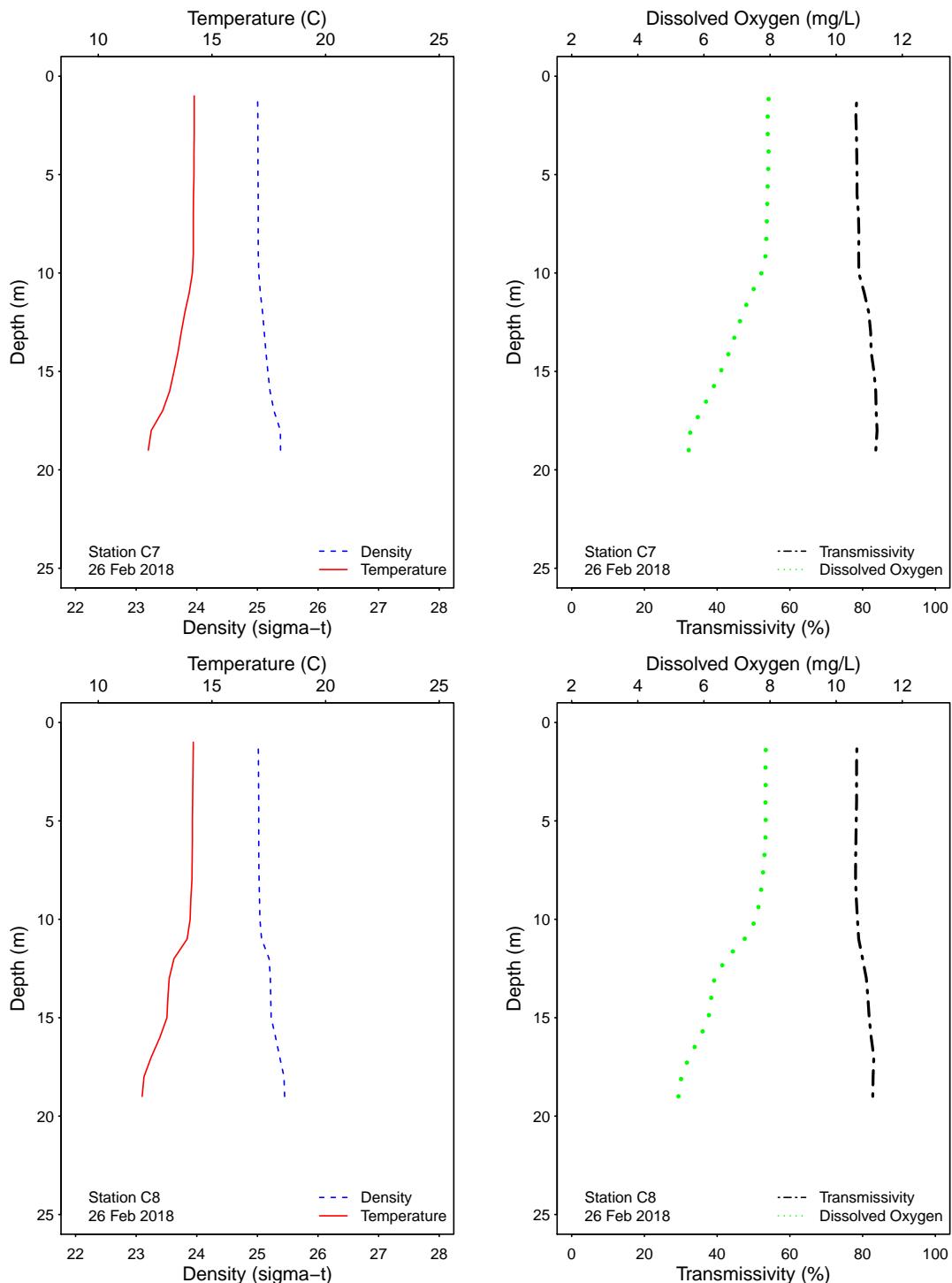


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

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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
13 Feb 2018	IC	ns	ns	ns											
14 Feb 2018	ns	IC	IC	IC											

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	13 Feb 2018	1130	1	<2	16.1	82.13	8.2	33.46	8.2
F01	13 Feb 2018	1130	12	<2	15.7	81.37	8.3	33.48	8.2
F01	13 Feb 2018	1130	18	<2	15.6	82.10	8.2	33.48	8.2
F02	13 Feb 2018	818	1	<2	15.8	81.78	8.1	33.49	8.2
F02	13 Feb 2018	818	12	<2	15.6	83.65	7.9	33.48	8.2
F02	13 Feb 2018	818	18	<2	15.2	84.38	7.6	33.48	8.1
F03	13 Feb 2018	834	1	<2	15.8	83.07	8.2	33.49	8.2
F03	13 Feb 2018	834	12	<2	15.8	83.00	8.2	33.49	8.2
F03	13 Feb 2018	834	18	<2	15.8	83.10	8.2	33.49	8.2
F04	13 Feb 2018	1110	1	<2	16.0	85.82	8.0	33.51	8.2
F04	13 Feb 2018	1110	25	<2	15.3	83.96	8.2	33.48	8.2
F04	13 Feb 2018	1110	60	<2	13.0	83.50	6.1	33.48	8.0
F05	13 Feb 2018	1058	1	<2	16.0	85.99	8.1	33.50	8.2
F05	13 Feb 2018	1058	25	<2	15.7	85.59	8.2	33.49	8.2
F05	13 Feb 2018	1058	60	<2	13.2	81.24	6.2	33.47	8.0
F06	13 Feb 2018	1041	1	<2	15.8	85.76	8.0	33.50	8.2
F06	13 Feb 2018	1041	25	<2	15.5	84.02	8.1	33.49	8.2
F06	13 Feb 2018	1041	60	12e	13.5	80.55	6.4	33.46	8.0
F07	13 Feb 2018	1028	1	<2	15.8	85.95	8.1	33.49	8.2
F07	13 Feb 2018	1028	25	<2	15.6	84.84	8.1	33.49	8.2
F07	13 Feb 2018	1028	60	<2	13.5	78.83	6.3	33.47	8.0
F08	13 Feb 2018	1020	1	<2	15.6	84.27	8.1	33.49	8.2
F08	13 Feb 2018	1020	25	<2	15.5	84.18	8.1	33.49	8.2
F08	13 Feb 2018	1020	60	12e	13.4	78.87	6.2	33.46	8.0
F09	13 Feb 2018	1002	1	<2	15.6	83.34	8.1	33.49	8.2
F09	13 Feb 2018	1002	25	<2	15.6	83.54	8.2	33.49	8.2
F09	13 Feb 2018	1002	60	8e	13.3	79.78	6.2	33.47	8.0
F10	13 Feb 2018	949	1	<2	15.7	83.13	8.1	33.49	8.2
F10	13 Feb 2018	949	25	<2	15.5	82.98	8.2	33.49	8.2
F10	13 Feb 2018	949	60	2e	13.4	82.18	6.4	33.47	8.0
F11	13 Feb 2018	935	1	<2	15.7	83.16	8.1	33.48	8.2
F11	13 Feb 2018	935	25	<2	15.0	83.72	7.8	33.47	8.2
F11	13 Feb 2018	935	60	<2	13.1	83.18	6.2	33.47	8.0
F12	13 Feb 2018	915	1	<2	15.7	82.30	8.2	33.49	8.2
F12	13 Feb 2018	915	25	<2	14.8	84.27	7.6	33.47	8.1
F12	13 Feb 2018	915	60	<2	12.7	83.29	5.8	33.47	8.0

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F13	13 Feb 2018	903	1	<2	15.8	83.37	8.2	33.49	8.2
F13	13 Feb 2018	903	25	<2	14.8	84.12	7.7	33.47	8.1
F13	13 Feb 2018	903	60	<2	12.6	82.75	5.7	33.48	8.0
F14	13 Feb 2018	850	1	<2	15.8	83.47	8.3	33.49	8.2
F14	13 Feb 2018	850	25	<2	15.1	83.80	7.8	33.48	8.2
F14	13 Feb 2018	850	60	<2	12.4	84.01	5.8	33.48	8.0
F15	14 Feb 2018	1129	1	<2	16.5	86.26	8.0	33.53	8.2
F15	14 Feb 2018	1129	25	<2	15.2	84.59	8.1	33.47	8.2
F15	14 Feb 2018	1129	60	2e	12.9	85.03	6.1	33.47	8.0
F15	14 Feb 2018	1129	80	<2	11.8	82.79	5.2	33.55	7.9
F16	14 Feb 2018	1113	1	<2	16.3	85.96	8.0	33.53	8.2
F16	14 Feb 2018	1113	25	<2	15.9	85.32	8.0	33.52	8.2
F16	14 Feb 2018	1113	60	4e	13.3	84.87	6.3	33.46	8.0
F16	14 Feb 2018	1113	80	10e	11.6	83.02	5.1	33.55	7.9
F17	14 Feb 2018	1059	1	<2	16.2	85.90	8.1	33.52	8.2
F17	14 Feb 2018	1059	25	<2	15.4	84.90	8.2	33.49	8.2
F17	14 Feb 2018	1059	60	<2	13.6	84.99	6.6	33.46	8.0
F17	14 Feb 2018	1059	80	12e	11.6	82.06	5.0	33.54	7.9
F18	14 Feb 2018	1044	1	<2	16.0	86.13	8.1	33.50	8.2
F18	14 Feb 2018	1044	25	<2	15.7	85.64	8.2	33.50	8.2
F18	14 Feb 2018	1044	60	<2	13.5	85.23	6.5	33.46	8.0
F18	14 Feb 2018	1044	80	34e	11.7	78.58	4.9	33.53	7.9
F19	14 Feb 2018	1030	1	<2	16.1	86.08	8.1	33.51	8.2
F19	14 Feb 2018	1030	25	<2	14.9	85.29	8.1	33.47	8.1
F19	14 Feb 2018	1030	60	<2	13.0	84.81	6.2	33.47	8.0
F19	14 Feb 2018	1030	80	<2	11.7	73.19	4.8	33.52	7.9
F20	14 Feb 2018	1015	1	<2	16.1	86.20	8.1	33.50	8.2
F20	14 Feb 2018	1015	25	<2	14.8	85.56	8.0	33.47	8.1
F20	14 Feb 2018	1015	60	<2	13.4	85.13	6.5	33.46	8.0
F20	14 Feb 2018	1015	80	22e	12.1	72.53	5.2	33.50	7.9
F21	14 Feb 2018	956	1	<2	16.0	86.05	8.2	33.50	8.2
F21	14 Feb 2018	956	25	<2	14.8	85.27	8.1	33.46	8.1
F21	14 Feb 2018	956	60	<2	13.2	86.07	6.3	33.46	8.0
F21	14 Feb 2018	956	80	<2	12.3	80.75	5.7	33.48	7.9
F22	14 Feb 2018	930	1	<2	15.9	86.07	8.2	33.50	8.2
F22	14 Feb 2018	930	25	<2	14.8	85.07	8.1	33.46	8.1
F22	14 Feb 2018	930	60	<2	13.0	86.05	6.2	33.46	8.0
F22	14 Feb 2018	930	80	<2	12.1	81.78	5.6	33.49	7.9
F23	14 Feb 2018	914	1	<2	15.8	86.07	8.1	33.50	8.2
F23	14 Feb 2018	914	25	<2	15.1	85.56	8.1	33.48	8.2
F23	14 Feb 2018	914	60	<2	12.8	86.58	6.1	33.47	8.0
F23	14 Feb 2018	914	80	2e	11.8	85.84	5.4	33.51	7.9
F24	14 Feb 2018	853	1	<2	15.9	85.55	8.2	33.50	8.2
F24	14 Feb 2018	853	25	<2	15.6	84.72	8.2	33.49	8.2

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F24	14 Feb 2018	853	60	<2	12.9	86.16	6.2	33.47	8.0
F24	14 Feb 2018	853	80	<2	11.8	85.35	5.5	33.50	7.9
F25	14 Feb 2018	835	1	<2	15.8	85.61	8.2	33.50	8.2
F25	14 Feb 2018	835	25	<2	15.6	84.73	8.2	33.49	8.2
F25	14 Feb 2018	835	60	<2	12.8	86.55	6.1	33.47	8.0
F25	14 Feb 2018	835	80	<2	11.7	86.67	5.5	33.51	7.9
F26	15 Feb 2018	1057	1	<2	16.4	85.15	8.0	33.52	8.2
F26	15 Feb 2018	1057	25	<2	15.6	84.16	8.1	33.50	8.2
F26	15 Feb 2018	1057	60	2e	13.2	85.19	6.3	33.47	8.0
F26	15 Feb 2018	1057	80	10e	11.6	85.82	5.2	33.52	7.9
F26	15 Feb 2018	1057	98	2e	11.1	84.33	4.8	33.60	7.9
F27	15 Feb 2018	1044	1	<2	16.4	85.74	7.9	33.53	8.2
F27	15 Feb 2018	1044	25	<2	15.0	83.06	8.0	33.47	8.2
F27	15 Feb 2018	1044	60	<2	13.1	85.85	6.2	33.46	8.0
F27	15 Feb 2018	1044	80	10e	11.6	85.78	5.2	33.52	7.9
F27	15 Feb 2018	1044	98	6e	11.1	84.24	4.7	33.61	7.8
F28	15 Feb 2018	1031	1	<2	16.4	85.21	8.0	33.53	8.2
F28	15 Feb 2018	1031	25	<2	15.5	84.78	8.1	33.50	8.2
F28	15 Feb 2018	1031	60	10e	12.8	85.60	6.0	33.46	8.0
F28	15 Feb 2018	1031	80	12e	11.9	84.61	5.3	33.49	7.9
F28	15 Feb 2018	1031	98	4e	11.3	83.20	4.8	33.59	7.9
F29	15 Feb 2018	1017	1	<2	16.4	85.63	7.9	33.53	8.2
F29	15 Feb 2018	1017	25	<2	15.8	85.30	8.1	33.52	8.2
F29	15 Feb 2018	1017	60	2e	13.1	85.48	6.1	33.46	8.0
F29	15 Feb 2018	1017	80	4e	11.8	84.60	5.2	33.52	7.9
F29	15 Feb 2018	1017	98	16e	11.3	81.16	4.8	33.57	7.9
F30	15 Feb 2018	1003	1	<2	16.4	85.68	8.0	33.53	8.2
F30	15 Feb 2018	1003	25	<2	14.9	84.29	8.0	33.46	8.2
F30	15 Feb 2018	1003	60	<2	13.7	85.26	6.6	33.46	8.0
F30	15 Feb 2018	1003	80	280e	11.8	80.55	5.0	33.46	7.9
F30	15 Feb 2018	1003	98	160e	11.4	80.31	4.8	33.51	7.9
F31	15 Feb 2018	948	1	<2	16.2	85.73	8.0	33.53	8.2
F31	15 Feb 2018	948	25	2e	15.8	85.62	8.1	33.51	8.2
F31	15 Feb 2018	948	60	<2	12.8	83.98	6.0	33.47	8.0
F31	15 Feb 2018	948	80	160e	12.0	80.08	5.1	33.47	7.9
F31	15 Feb 2018	948	98	160e	11.3	74.89	4.6	33.55	7.8
F32	15 Feb 2018	935	1	<2	16.1	85.25	8.1	33.51	8.2
F32	15 Feb 2018	935	25	<2	15.9	85.36	8.1	33.51	8.2
F32	15 Feb 2018	935	60	2e	13.0	86.17	6.2	33.46	8.0
F32	15 Feb 2018	935	80	<2	12.3	85.51	5.8	33.48	8.0
F32	15 Feb 2018	935	98	240e	11.2	76.76	4.6	33.53	7.8
F33	15 Feb 2018	920	1	<2	16.1	85.39	8.1	33.51	8.2
F33	15 Feb 2018	920	25	<2	15.8	85.20	8.2	33.50	8.2
F33	15 Feb 2018	920	60	<2	13.0	86.40	6.2	33.46	8.0
F33	15 Feb 2018	920	80	<2	12.2	86.83	5.7	33.49	8.0
F33	15 Feb 2018	920	98	26e	11.8	80.96	5.4	33.50	7.9

Station	Date	Time	Depth	Enter	Temp	XMS	DO	Sal	pH
F34	15 Feb 2018	906	1	<2	16.0	85.78	8.1	33.51	8.2
F34	15 Feb 2018	906	25	<2	15.8	85.35	8.1	33.50	8.2
F34	15 Feb 2018	906	60	<2	12.8	86.51	6.0	33.47	8.0
F34	15 Feb 2018	906	80	<2	12.2	86.84	5.7	33.49	7.9
F34	15 Feb 2018	906	98	2e	11.6	86.65	5.2	33.53	7.9
F35	15 Feb 2018	850	1	<2	16.2	85.92	8.0	33.52	8.2
F35	15 Feb 2018	850	25	10e	16.0	85.69	8.1	33.51	8.2
F35	15 Feb 2018	850	60	<2	12.8	86.60	6.1	33.47	8.0
F35	15 Feb 2018	850	80	<2	12.1	86.91	5.6	33.50	7.9
F35	15 Feb 2018	850	98	<2	11.3	86.58	5.1	33.55	7.9
F36	15 Feb 2018	834	1	<2	16.3	85.58	8.0	33.53	8.2
F36	15 Feb 2018	834	25	<2	15.9	85.58	8.1	33.51	8.2
F36	15 Feb 2018	834	60	<2	12.6	86.48	6.0	33.47	8.0
F36	15 Feb 2018	834	80	<2	11.8	86.74	5.4	33.52	7.9
F36	15 Feb 2018	834	98	<2	11.1	87.12	5.1	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	13 Feb 2018	Depth (m)	20
F01	13 Feb 2018	Arrive Time	1130
F01	13 Feb 2018	Depart Time	1136
F01	13 Feb 2018	Air Temp (C)	16
F01	13 Feb 2018	Weather	Partly Cloudy
F01	13 Feb 2018	Visibility (mi)	15
F01	13 Feb 2018	Wind Speed (kts)	4
F01	13 Feb 2018	Wind Dir	SE
F01	13 Feb 2018	Water Color	Bluish-Green
F01	13 Feb 2018	Wave Ht Low (ft)	4
F01	13 Feb 2018	Wave Period (sec)	13
F01	13 Feb 2018	Sea State	Light chop
F01	13 Feb 2018	High Tide (ft)	5.41
F01	13 Feb 2018	High Tide Time	721
F01	13 Feb 2018	Low Tide (ft)	-0.62
F01	13 Feb 2018	Low Tide Time	1424
F01	13 Feb 2018	Comments	none
F02	13 Feb 2018	Depth (m)	22
F02	13 Feb 2018	Arrive Time	818
F02	13 Feb 2018	Depart Time	826
F02	13 Feb 2018	Air Temp (C)	14
F02	13 Feb 2018	Weather	Haze
F02	13 Feb 2018	Visibility (mi)	15
F02	13 Feb 2018	Wind Speed (kts)	5
F02	13 Feb 2018	Wind Dir	N
F02	13 Feb 2018	Water Color	Bluish-Green
F02	13 Feb 2018	Wave Ht Low (ft)	4
F02	13 Feb 2018	Wave Period (sec)	13
F02	13 Feb 2018	Sea State	Light chop
F02	13 Feb 2018	High Tide (ft)	5.41
F02	13 Feb 2018	High Tide Time	721
F02	13 Feb 2018	Low Tide (ft)	-0.62
F02	13 Feb 2018	Low Tide Time	1424
F02	13 Feb 2018	Comments	none
F03	13 Feb 2018	Depth (m)	22
F03	13 Feb 2018	Arrive Time	834
F03	13 Feb 2018	Depart Time	840
F03	13 Feb 2018	Air Temp (C)	14
F03	13 Feb 2018	Weather	Haze
F03	13 Feb 2018	Visibility (mi)	15
F03	13 Feb 2018	Wind Speed (kts)	4
F03	13 Feb 2018	Wind Dir	N
F03	13 Feb 2018	Water Color	Bluish-Green
F03	13 Feb 2018	Wave Ht Low (ft)	4
F03	13 Feb 2018	Wave Period (sec)	13
F03	13 Feb 2018	Sea State	Light chop
F03	13 Feb 2018	High Tide (ft)	5.41
F03	13 Feb 2018	High Tide Time	721
F03	13 Feb 2018	Low Tide (ft)	-0.62

Station	Date	Parameter	Value
F03	13 Feb 2018	Low Tide Time	1424
F03	13 Feb 2018	Comments	none
F04	13 Feb 2018	Depth (m)	61
F04	13 Feb 2018	Arrive Time	1110
F04	13 Feb 2018	Depart Time	1116
F04	13 Feb 2018	Air Temp (C)	15
F04	13 Feb 2018	Weather	Partly Cloudy
F04	13 Feb 2018	Visibility (mi)	15
F04	13 Feb 2018	Wind Speed (kts)	2
F04	13 Feb 2018	Wind Dir	SW
F04	13 Feb 2018	Water Color	Bluish-Green
F04	13 Feb 2018	Wave Ht Low (ft)	4
F04	13 Feb 2018	Wave Period (sec)	13
F04	13 Feb 2018	Sea State	Light chop
F04	13 Feb 2018	High Tide (ft)	5.41
F04	13 Feb 2018	High Tide Time	721
F04	13 Feb 2018	Low Tide (ft)	-0.62
F04	13 Feb 2018	Low Tide Time	1424
F04	13 Feb 2018	Comments	none
F05	13 Feb 2018	Depth (m)	61
F05	13 Feb 2018	Arrive Time	1058
F05	13 Feb 2018	Depart Time	1104
F05	13 Feb 2018	Air Temp (C)	15
F05	13 Feb 2018	Weather	Partly Cloudy
F05	13 Feb 2018	Visibility (mi)	15
F05	13 Feb 2018	Wind Speed (kts)	2
F05	13 Feb 2018	Wind Dir	S
F05	13 Feb 2018	Water Color	Bluish-Green
F05	13 Feb 2018	Wave Ht Low (ft)	4
F05	13 Feb 2018	Wave Period (sec)	13
F05	13 Feb 2018	Sea State	Light chop
F05	13 Feb 2018	High Tide (ft)	5.41
F05	13 Feb 2018	High Tide Time	721
F05	13 Feb 2018	Low Tide (ft)	-0.62
F05	13 Feb 2018	Low Tide Time	1424
F05	13 Feb 2018	Comments	none
F06	13 Feb 2018	Depth (m)	61
F06	13 Feb 2018	Arrive Time	1041
F06	13 Feb 2018	Depart Time	1050
F06	13 Feb 2018	Air Temp (C)	15
F06	13 Feb 2018	Weather	Haze
F06	13 Feb 2018	Visibility (mi)	15
F06	13 Feb 2018	Wind Speed (kts)	4
F06	13 Feb 2018	Wind Dir	E
F06	13 Feb 2018	Water Color	Bluish-Green
F06	13 Feb 2018	Wave Ht Low (ft)	4
F06	13 Feb 2018	Wave Period (sec)	13
F06	13 Feb 2018	Sea State	Light chop
F06	13 Feb 2018	High Tide (ft)	5.41
F06	13 Feb 2018	High Tide Time	721
F06	13 Feb 2018	Low Tide (ft)	-0.62
F06	13 Feb 2018	Low Tide Time	1424

Station	Date	Parameter	Value
F06	13 Feb 2018	Comments	none
F07	13 Feb 2018	Depth (m)	64
F07	13 Feb 2018	Arrive Time	1028
F07	13 Feb 2018	Depart Time	1035
F07	13 Feb 2018	Air Temp (C)	15
F07	13 Feb 2018	Weather	Haze
F07	13 Feb 2018	Visibility (mi)	15
F07	13 Feb 2018	Wind Speed (kts)	0
F07	13 Feb 2018	Wind Dir	
F07	13 Feb 2018	Water Color	Bluish-Green
F07	13 Feb 2018	Wave Ht Low (ft)	4
F07	13 Feb 2018	Wave Period (sec)	13
F07	13 Feb 2018	Sea State	Light chop
F07	13 Feb 2018	High Tide (ft)	5.41
F07	13 Feb 2018	High Tide Time	721
F07	13 Feb 2018	Low Tide (ft)	-0.62
F07	13 Feb 2018	Low Tide Time	1424
F07	13 Feb 2018	Comments	none
F08	13 Feb 2018	Depth (m)	61
F08	13 Feb 2018	Arrive Time	1020
F08	13 Feb 2018	Depart Time	1022
F08	13 Feb 2018	Air Temp (C)	15
F08	13 Feb 2018	Weather	Haze
F08	13 Feb 2018	Visibility (mi)	15
F08	13 Feb 2018	Wind Speed (kts)	3
F08	13 Feb 2018	Wind Dir	E
F08	13 Feb 2018	Water Color	Bluish-Green
F08	13 Feb 2018	Wave Ht Low (ft)	4
F08	13 Feb 2018	Wave Period (sec)	13
F08	13 Feb 2018	Sea State	Light chop
F08	13 Feb 2018	High Tide (ft)	5.41
F08	13 Feb 2018	High Tide Time	721
F08	13 Feb 2018	Low Tide (ft)	-0.62
F08	13 Feb 2018	Low Tide Time	1424
F08	13 Feb 2018	Comments	none
F09	13 Feb 2018	Depth (m)	62
F09	13 Feb 2018	Arrive Time	1002
F09	13 Feb 2018	Depart Time	1010
F09	13 Feb 2018	Air Temp (C)	15
F09	13 Feb 2018	Weather	Haze
F09	13 Feb 2018	Visibility (mi)	15
F09	13 Feb 2018	Wind Speed (kts)	9
F09	13 Feb 2018	Wind Dir	E
F09	13 Feb 2018	Water Color	Bluish-Green
F09	13 Feb 2018	Wave Ht Low (ft)	4
F09	13 Feb 2018	Wave Period (sec)	13
F09	13 Feb 2018	Sea State	Light chop
F09	13 Feb 2018	High Tide (ft)	5.41
F09	13 Feb 2018	High Tide Time	721
F09	13 Feb 2018	Low Tide (ft)	-0.62
F09	13 Feb 2018	Low Tide Time	1424
F09	13 Feb 2018	Comments	none

Station	Date	Parameter	Value
F10	13 Feb 2018	Depth (m)	63
F10	13 Feb 2018	Arrive Time	949
F10	13 Feb 2018	Depart Time	955
F10	13 Feb 2018	Air Temp (C)	15
F10	13 Feb 2018	Weather	Haze
F10	13 Feb 2018	Visibility (mi)	15
F10	13 Feb 2018	Wind Speed (kts)	3
F10	13 Feb 2018	Wind Dir	E
F10	13 Feb 2018	Water Color	Bluish-Green
F10	13 Feb 2018	Wave Ht Low (ft)	4
F10	13 Feb 2018	Wave Period (sec)	13
F10	13 Feb 2018	Sea State	Light chop
F10	13 Feb 2018	High Tide (ft)	5.41
F10	13 Feb 2018	High Tide Time	721
F10	13 Feb 2018	Low Tide (ft)	-0.62
F10	13 Feb 2018	Low Tide Time	1424
F10	13 Feb 2018	Comments	none
F11	13 Feb 2018	Depth (m)	61
F11	13 Feb 2018	Arrive Time	935
F11	13 Feb 2018	Depart Time	942
F11	13 Feb 2018	Air Temp (C)	15
F11	13 Feb 2018	Weather	Haze
F11	13 Feb 2018	Visibility (mi)	15
F11	13 Feb 2018	Wind Speed (kts)	3
F11	13 Feb 2018	Wind Dir	E
F11	13 Feb 2018	Water Color	Bluish-Green
F11	13 Feb 2018	Wave Ht Low (ft)	4
F11	13 Feb 2018	Wave Period (sec)	13
F11	13 Feb 2018	Sea State	Light chop
F11	13 Feb 2018	High Tide (ft)	5.41
F11	13 Feb 2018	High Tide Time	721
F11	13 Feb 2018	Low Tide (ft)	-0.62
F11	13 Feb 2018	Low Tide Time	1424
F11	13 Feb 2018	Comments	none
F12	13 Feb 2018	Depth (m)	62
F12	13 Feb 2018	Arrive Time	915
F12	13 Feb 2018	Depart Time	927
F12	13 Feb 2018	Air Temp (C)	15
F12	13 Feb 2018	Weather	Haze
F12	13 Feb 2018	Visibility (mi)	15
F12	13 Feb 2018	Wind Speed (kts)	4
F12	13 Feb 2018	Wind Dir	N
F12	13 Feb 2018	Water Color	Bluish-Green
F12	13 Feb 2018	Wave Ht Low (ft)	4
F12	13 Feb 2018	Wave Period (sec)	13
F12	13 Feb 2018	Sea State	Light chop
F12	13 Feb 2018	High Tide (ft)	5.41
F12	13 Feb 2018	High Tide Time	721
F12	13 Feb 2018	Low Tide (ft)	-0.62
F12	13 Feb 2018	Low Tide Time	1424
F12	13 Feb 2018	Comments	none

Station	Date	Parameter	Value
F13	13 Feb 2018	Depth (m)	61
F13	13 Feb 2018	Arrive Time	903
F13	13 Feb 2018	Depart Time	910
F13	13 Feb 2018	Air Temp (C)	14
F13	13 Feb 2018	Weather	Haze
F13	13 Feb 2018	Visibility (mi)	15
F13	13 Feb 2018	Wind Speed (kts)	2
F13	13 Feb 2018	Wind Dir	N
F13	13 Feb 2018	Water Color	Bluish-Green
F13	13 Feb 2018	Wave Ht Low (ft)	4
F13	13 Feb 2018	Wave Period (sec)	13
F13	13 Feb 2018	Sea State	Light chop
F13	13 Feb 2018	High Tide (ft)	5.41
F13	13 Feb 2018	High Tide Time	721
F13	13 Feb 2018	Low Tide (ft)	-0.62
F13	13 Feb 2018	Low Tide Time	1424
F13	13 Feb 2018	Comments	none
F14	13 Feb 2018	Depth (m)	61
F14	13 Feb 2018	Arrive Time	850
F14	13 Feb 2018	Depart Time	857
F14	13 Feb 2018	Air Temp (C)	14
F14	13 Feb 2018	Weather	Haze
F14	13 Feb 2018	Visibility (mi)	15
F14	13 Feb 2018	Wind Speed (kts)	4
F14	13 Feb 2018	Wind Dir	NE
F14	13 Feb 2018	Water Color	Bluish-Green
F14	13 Feb 2018	Wave Ht Low (ft)	4
F14	13 Feb 2018	Wave Period (sec)	13
F14	13 Feb 2018	Sea State	Light chop
F14	13 Feb 2018	High Tide (ft)	5.41
F14	13 Feb 2018	High Tide Time	721
F14	13 Feb 2018	Low Tide (ft)	-0.62
F14	13 Feb 2018	Low Tide Time	1424
F14	13 Feb 2018	Comments	none
F15	14 Feb 2018	Depth (m)	81
F15	14 Feb 2018	Arrive Time	1129
F15	14 Feb 2018	Depart Time	1134
F15	14 Feb 2018	Air Temp (C)	17
F15	14 Feb 2018	Weather	Haze
F15	14 Feb 2018	Visibility (mi)	12
F15	14 Feb 2018	Wind Speed (kts)	1
F15	14 Feb 2018	Wind Dir	NW
F15	14 Feb 2018	Water Color	Bluish-Green
F15	14 Feb 2018	Wave Ht Low (ft)	3
F15	14 Feb 2018	Wave Period (sec)	7
F15	14 Feb 2018	Sea State	Calm
F15	14 Feb 2018	High Tide (ft)	5.55
F15	14 Feb 2018	High Tide Time	753
F15	14 Feb 2018	Low Tide (ft)	-0.71
F15	14 Feb 2018	Low Tide Time	1452
F15	14 Feb 2018	Comments	none
F16	14 Feb 2018	Depth (m)	81

Station	Date	Parameter	Value
F16	14 Feb 2018	Arrive Time	1113
F16	14 Feb 2018	Depart Time	1118
F16	14 Feb 2018	Air Temp (C)	17
F16	14 Feb 2018	Weather	Haze
F16	14 Feb 2018	Visibility (mi)	12
F16	14 Feb 2018	Wind Speed (kts)	2
F16	14 Feb 2018	Wind Dir	NW
F16	14 Feb 2018	Water Color	Bluish-Green
F16	14 Feb 2018	Wave Ht Low (ft)	3
F16	14 Feb 2018	Wave Period (sec)	7
F16	14 Feb 2018	Sea State	Calm
F16	14 Feb 2018	High Tide (ft)	5.55
F16	14 Feb 2018	High Tide Time	753
F16	14 Feb 2018	Low Tide (ft)	-0.71
F16	14 Feb 2018	Low Tide Time	1452
F16	14 Feb 2018	Comments	none
F17	14 Feb 2018	Depth (m)	82
F17	14 Feb 2018	Arrive Time	1059
F17	14 Feb 2018	Depart Time	1103
F17	14 Feb 2018	Air Temp (C)	17
F17	14 Feb 2018	Weather	Haze
F17	14 Feb 2018	Visibility (mi)	12
F17	14 Feb 2018	Wind Speed (kts)	2
F17	14 Feb 2018	Wind Dir	NW
F17	14 Feb 2018	Water Color	Bluish-Green
F17	14 Feb 2018	Wave Ht Low (ft)	3
F17	14 Feb 2018	Wave Period (sec)	7
F17	14 Feb 2018	Sea State	Calm
F17	14 Feb 2018	High Tide (ft)	5.55
F17	14 Feb 2018	High Tide Time	753
F17	14 Feb 2018	Low Tide (ft)	-0.71
F17	14 Feb 2018	Low Tide Time	1452
F17	14 Feb 2018	Comments	none
F18	14 Feb 2018	Depth (m)	85
F18	14 Feb 2018	Arrive Time	1044
F18	14 Feb 2018	Depart Time	1049
F18	14 Feb 2018	Air Temp (C)	17
F18	14 Feb 2018	Weather	Haze
F18	14 Feb 2018	Visibility (mi)	12
F18	14 Feb 2018	Wind Speed (kts)	0
F18	14 Feb 2018	Wind Dir	
F18	14 Feb 2018	Water Color	Bluish-Green
F18	14 Feb 2018	Wave Ht Low (ft)	3
F18	14 Feb 2018	Wave Period (sec)	7
F18	14 Feb 2018	Sea State	Calm
F18	14 Feb 2018	High Tide (ft)	5.55
F18	14 Feb 2018	High Tide Time	753
F18	14 Feb 2018	Low Tide (ft)	-0.71
F18	14 Feb 2018	Low Tide Time	1452
F18	14 Feb 2018	Comments	none
F19	14 Feb 2018	Depth (m)	82
F19	14 Feb 2018	Arrive Time	1030

Station	Date	Parameter	Value
F19	14 Feb 2018	Depart Time	1034
F19	14 Feb 2018	Air Temp (C)	17
F19	14 Feb 2018	Weather	Haze
F19	14 Feb 2018	Visibility (mi)	12
F19	14 Feb 2018	Wind Speed (kts)	2
F19	14 Feb 2018	Wind Dir	N
F19	14 Feb 2018	Water Color	Bluish-Green
F19	14 Feb 2018	Wave Ht Low (ft)	3
F19	14 Feb 2018	Wave Period (sec)	7
F19	14 Feb 2018	Sea State	Calm
F19	14 Feb 2018	High Tide (ft)	5.55
F19	14 Feb 2018	High Tide Time	753
F19	14 Feb 2018	Low Tide (ft)	-0.71
F19	14 Feb 2018	Low Tide Time	1452
F19	14 Feb 2018	Comments	none
F20	14 Feb 2018	Depth (m)	82
F20	14 Feb 2018	Arrive Time	1015
F20	14 Feb 2018	Depart Time	1020
F20	14 Feb 2018	Air Temp (C)	17
F20	14 Feb 2018	Weather	Haze
F20	14 Feb 2018	Visibility (mi)	12
F20	14 Feb 2018	Wind Speed (kts)	1
F20	14 Feb 2018	Wind Dir	NW
F20	14 Feb 2018	Water Color	Bluish-Green
F20	14 Feb 2018	Wave Ht Low (ft)	3
F20	14 Feb 2018	Wave Period (sec)	7
F20	14 Feb 2018	Sea State	Calm
F20	14 Feb 2018	High Tide (ft)	5.55
F20	14 Feb 2018	High Tide Time	753
F20	14 Feb 2018	Low Tide (ft)	-0.71
F20	14 Feb 2018	Low Tide Time	1452
F20	14 Feb 2018	Comments	none
F21	14 Feb 2018	Depth (m)	83
F21	14 Feb 2018	Arrive Time	956
F21	14 Feb 2018	Depart Time	1006
F21	14 Feb 2018	Air Temp (C)	17
F21	14 Feb 2018	Weather	Haze
F21	14 Feb 2018	Visibility (mi)	12
F21	14 Feb 2018	Wind Speed (kts)	2
F21	14 Feb 2018	Wind Dir	W
F21	14 Feb 2018	Water Color	Bluish-Green
F21	14 Feb 2018	Wave Ht Low (ft)	3
F21	14 Feb 2018	Wave Period (sec)	7
F21	14 Feb 2018	Sea State	Calm
F21	14 Feb 2018	High Tide (ft)	5.55
F21	14 Feb 2018	High Tide Time	753
F21	14 Feb 2018	Low Tide (ft)	-0.71
F21	14 Feb 2018	Low Tide Time	1452
F21	14 Feb 2018	Comments	none
F22	14 Feb 2018	Depth (m)	81
F22	14 Feb 2018	Arrive Time	930
F22	14 Feb 2018	Depart Time	943

Station	Date	Parameter	Value
F22	14 Feb 2018	Air Temp (C)	16
F22	14 Feb 2018	Weather	Haze
F22	14 Feb 2018	Visibility (mi)	12
F22	14 Feb 2018	Wind Speed (kts)	2
F22	14 Feb 2018	Wind Dir	N
F22	14 Feb 2018	Water Color	Bluish-Green
F22	14 Feb 2018	Wave Ht Low (ft)	3
F22	14 Feb 2018	Wave Period (sec)	7
F22	14 Feb 2018	Sea State	Calm
F22	14 Feb 2018	High Tide (ft)	5.55
F22	14 Feb 2018	High Tide Time	753
F22	14 Feb 2018	Low Tide (ft)	-0.71
F22	14 Feb 2018	Low Tide Time	1452
F22	14 Feb 2018	Comments	none
F24	14 Feb 2018	Depth (m)	82
F24	14 Feb 2018	Arrive Time	853
F24	14 Feb 2018	Depart Time	859
F24	14 Feb 2018	Air Temp (C)	16
F24	14 Feb 2018	Weather	Haze
F24	14 Feb 2018	Visibility (mi)	12
F24	14 Feb 2018	Wind Speed (kts)	2
F24	14 Feb 2018	Wind Dir	N
F24	14 Feb 2018	Water Color	Bluish-Green
F24	14 Feb 2018	Wave Ht Low (ft)	3
F24	14 Feb 2018	Wave Period (sec)	7
F24	14 Feb 2018	Sea State	Calm
F24	14 Feb 2018	High Tide (ft)	5.55
F24	14 Feb 2018	High Tide Time	753
F24	14 Feb 2018	Low Tide (ft)	-0.71
F24	14 Feb 2018	Low Tide Time	1452
F24	14 Feb 2018	Comments	none
F25	14 Feb 2018	Depth (m)	81
F25	14 Feb 2018	Arrive Time	835
F25	14 Feb 2018	Depart Time	842
F25	14 Feb 2018	Air Temp (C)	16
F25	14 Feb 2018	Weather	Haze
F25	14 Feb 2018	Visibility (mi)	12
F25	14 Feb 2018	Wind Speed (kts)	3
F25	14 Feb 2018	Wind Dir	NE
F25	14 Feb 2018	Water Color	Bluish-Green
F25	14 Feb 2018	Wave Ht Low (ft)	3
F25	14 Feb 2018	Wave Period (sec)	7
F25	14 Feb 2018	Sea State	Calm
F25	14 Feb 2018	High Tide (ft)	5.55
F25	14 Feb 2018	High Tide Time	753
F25	14 Feb 2018	Low Tide (ft)	-0.71
F25	14 Feb 2018	Low Tide Time	1452
F25	14 Feb 2018	Comments	none
F26	15 Feb 2018	Depth (m)	98
F26	15 Feb 2018	Arrive Time	1057
F26	15 Feb 2018	Depart Time	1105
F26	15 Feb 2018	Air Temp (C)	16

Station	Date	Parameter	Value
F26	15 Feb 2018	Weather	Clear
F26	15 Feb 2018	Visibility (mi)	12
F26	15 Feb 2018	Wind Speed (kts)	8
F26	15 Feb 2018	Wind Dir	W
F26	15 Feb 2018	Water Color	Greenish-Blue
F26	15 Feb 2018	Wave Ht Low (ft)	3
F26	15 Feb 2018	Wave Period (sec)	13
F26	15 Feb 2018	Sea State	Calm
F26	15 Feb 2018	High Tide (ft)	5.58
F26	15 Feb 2018	High Tide Time	824
F26	15 Feb 2018	Low Tide (ft)	-0.71
F26	15 Feb 2018	Low Tide Time	1519
F26	15 Feb 2018	Comments	
F27	15 Feb 2018	Depth (m)	100
F27	15 Feb 2018	Arrive Time	1044
F27	15 Feb 2018	Depart Time	1050
F27	15 Feb 2018	Air Temp (C)	16
F27	15 Feb 2018	Weather	Clear
F27	15 Feb 2018	Visibility (mi)	12
F27	15 Feb 2018	Wind Speed (kts)	7
F27	15 Feb 2018	Wind Dir	SW
F27	15 Feb 2018	Water Color	Greenish-Blue
F27	15 Feb 2018	Wave Ht Low (ft)	3
F27	15 Feb 2018	Wave Period (sec)	13
F27	15 Feb 2018	Sea State	Calm
F27	15 Feb 2018	High Tide (ft)	5.58
F27	15 Feb 2018	High Tide Time	824
F27	15 Feb 2018	Low Tide (ft)	-0.71
F27	15 Feb 2018	Low Tide Time	1519
F27	15 Feb 2018	Comments	none
F28	15 Feb 2018	Depth (m)	100
F28	15 Feb 2018	Arrive Time	1031
F28	15 Feb 2018	Depart Time	1037
F28	15 Feb 2018	Air Temp (C)	16
F28	15 Feb 2018	Weather	Clear
F28	15 Feb 2018	Visibility (mi)	12
F28	15 Feb 2018	Wind Speed (kts)	6
F28	15 Feb 2018	Wind Dir	W
F28	15 Feb 2018	Water Color	Greenish-Blue
F28	15 Feb 2018	Wave Ht Low (ft)	3
F28	15 Feb 2018	Wave Period (sec)	13
F28	15 Feb 2018	Sea State	Calm
F28	15 Feb 2018	High Tide (ft)	5.58
F28	15 Feb 2018	High Tide Time	824
F28	15 Feb 2018	Low Tide (ft)	-0.71
F28	15 Feb 2018	Low Tide Time	1519
F28	15 Feb 2018	Comments	none
F29	15 Feb 2018	Depth (m)	100
F29	15 Feb 2018	Arrive Time	1017
F29	15 Feb 2018	Depart Time	1024
F29	15 Feb 2018	Air Temp (C)	16
F29	15 Feb 2018	Weather	Clear

Station	Date	Parameter	Value
F29	15 Feb 2018	Visibility (mi)	10
F29	15 Feb 2018	Wind Speed (kts)	6
F29	15 Feb 2018	Wind Dir	W
F29	15 Feb 2018	Water Color	Greenish-Blue
F29	15 Feb 2018	Wave Ht Low (ft)	3
F29	15 Feb 2018	Wave Period (sec)	13
F29	15 Feb 2018	Sea State	Calm
F29	15 Feb 2018	High Tide (ft)	5.58
F29	15 Feb 2018	High Tide Time	824
F29	15 Feb 2018	Low Tide (ft)	-0.71
F29	15 Feb 2018	Low Tide Time	1519
F29	15 Feb 2018	Comments	none
F30	15 Feb 2018	Depth (m)	99
F30	15 Feb 2018	Arrive Time	1003
F30	15 Feb 2018	Depart Time	1009
F30	15 Feb 2018	Air Temp (C)	16
F30	15 Feb 2018	Weather	Clear
F30	15 Feb 2018	Visibility (mi)	10
F30	15 Feb 2018	Wind Speed (kts)	3
F30	15 Feb 2018	Wind Dir	W
F30	15 Feb 2018	Water Color	Greenish-Blue
F30	15 Feb 2018	Wave Ht Low (ft)	3
F30	15 Feb 2018	Wave Period (sec)	13
F30	15 Feb 2018	Sea State	Calm
F30	15 Feb 2018	High Tide (ft)	5.58
F30	15 Feb 2018	High Tide Time	824
F30	15 Feb 2018	Low Tide (ft)	-0.71
F30	15 Feb 2018	Low Tide Time	1519
F30	15 Feb 2018	Comments	Birds at surface
F31	15 Feb 2018	Depth (m)	99
F31	15 Feb 2018	Arrive Time	948
F31	15 Feb 2018	Depart Time	956
F31	15 Feb 2018	Air Temp (C)	15
F31	15 Feb 2018	Weather	Clear
F31	15 Feb 2018	Visibility (mi)	10
F31	15 Feb 2018	Wind Speed (kts)	2
F31	15 Feb 2018	Wind Dir	W
F31	15 Feb 2018	Water Color	Greenish-Blue
F31	15 Feb 2018	Wave Ht Low (ft)	3
F31	15 Feb 2018	Wave Period (sec)	13
F31	15 Feb 2018	Sea State	Calm
F31	15 Feb 2018	High Tide (ft)	5.58
F31	15 Feb 2018	High Tide Time	824
F31	15 Feb 2018	Low Tide (ft)	-0.71
F31	15 Feb 2018	Low Tide Time	1519
F31	15 Feb 2018	Comments	none
F32	15 Feb 2018	Depth (m)	103
F32	15 Feb 2018	Arrive Time	935
F32	15 Feb 2018	Depart Time	941
F32	15 Feb 2018	Air Temp (C)	16
F32	15 Feb 2018	Weather	Clear
F32	15 Feb 2018	Visibility (mi)	8

Station	Date	Parameter	Value
F32	15 Feb 2018	Wind Speed (kts)	2
F32	15 Feb 2018	Wind Dir	NW
F32	15 Feb 2018	Water Color	Greenish-Blue
F32	15 Feb 2018	Wave Ht Low (ft)	3
F32	15 Feb 2018	Wave Period (sec)	13
F32	15 Feb 2018	Sea State	Calm
F32	15 Feb 2018	High Tide (ft)	5.58
F32	15 Feb 2018	High Tide Time	824
F32	15 Feb 2018	Low Tide (ft)	-0.71
F32	15 Feb 2018	Low Tide Time	1519
F32	15 Feb 2018	Comments	none
F33	15 Feb 2018	Depth (m)	100
F33	15 Feb 2018	Arrive Time	920
F33	15 Feb 2018	Depart Time	934
F33	15 Feb 2018	Air Temp (C)	16
F33	15 Feb 2018	Weather	Clear
F33	15 Feb 2018	Visibility (mi)	8
F33	15 Feb 2018	Wind Speed (kts)	3
F33	15 Feb 2018	Wind Dir	W
F33	15 Feb 2018	Water Color	Greenish-Blue
F33	15 Feb 2018	Wave Ht Low (ft)	3
F33	15 Feb 2018	Wave Period (sec)	13
F33	15 Feb 2018	Sea State	Calm
F33	15 Feb 2018	High Tide (ft)	5.58
F33	15 Feb 2018	High Tide Time	824
F33	15 Feb 2018	Low Tide (ft)	-0.71
F33	15 Feb 2018	Low Tide Time	1519
F33	15 Feb 2018	Comments	1
F34	15 Feb 2018	Depth (m)	101
F34	15 Feb 2018	Arrive Time	906
F34	15 Feb 2018	Depart Time	912
F34	15 Feb 2018	Air Temp (C)	16
F34	15 Feb 2018	Weather	Clear
F34	15 Feb 2018	Visibility (mi)	8
F34	15 Feb 2018	Wind Speed (kts)	4
F34	15 Feb 2018	Wind Dir	W
F34	15 Feb 2018	Water Color	Greenish-Blue
F34	15 Feb 2018	Wave Ht Low (ft)	3
F34	15 Feb 2018	Wave Period (sec)	13
F34	15 Feb 2018	Sea State	Calm
F34	15 Feb 2018	High Tide (ft)	5.58
F34	15 Feb 2018	High Tide Time	824
F34	15 Feb 2018	Low Tide (ft)	-0.71
F34	15 Feb 2018	Low Tide Time	1519
F34	15 Feb 2018	Comments	none
F35	15 Feb 2018	Depth (m)	101
F35	15 Feb 2018	Arrive Time	850
F35	15 Feb 2018	Depart Time	857
F35	15 Feb 2018	Air Temp (C)	15
F35	15 Feb 2018	Weather	Clear
F35	15 Feb 2018	Visibility (mi)	8
F35	15 Feb 2018	Wind Speed (kts)	2

Station	Date	Parameter	Value
F35	15 Feb 2018	Wind Dir	NW
F35	15 Feb 2018	Water Color	Greenish-Blue
F35	15 Feb 2018	Wave Ht Low (ft)	3
F35	15 Feb 2018	Wave Period (sec)	13
F35	15 Feb 2018	Sea State	Calm
F35	15 Feb 2018	High Tide (ft)	5.58
F35	15 Feb 2018	High Tide Time	824
F35	15 Feb 2018	Low Tide (ft)	-0.71
F35	15 Feb 2018	Low Tide Time	1519
F35	15 Feb 2018	Comments	none
F36	15 Feb 2018	Depth (m)	99
F36	15 Feb 2018	Arrive Time	834
F36	15 Feb 2018	Depart Time	843
F36	15 Feb 2018	Air Temp (C)	16
F36	15 Feb 2018	Weather	Clear
F36	15 Feb 2018	Visibility (mi)	6
F36	15 Feb 2018	Wind Speed (kts)	1
F36	15 Feb 2018	Wind Dir	NW
F36	15 Feb 2018	Water Color	Greenish-Blue
F36	15 Feb 2018	Wave Ht Low (ft)	3
F36	15 Feb 2018	Wave Period (sec)	13
F36	15 Feb 2018	Sea State	Calm
F36	15 Feb 2018	High Tide (ft)	5.58
F36	15 Feb 2018	High Tide Time	824
F36	15 Feb 2018	Low Tide (ft)	-0.71
F36	15 Feb 2018	Low Tide Time	1519
F36	15 Feb 2018	Comments	Boats

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 ($\sigma-t$)	Chlor ($\mu\text{g/L}$)
F01	13 Feb 2018	1	16.11	82.13	8.2	33.46	8.2	24.5	0.63
F01	13 Feb 2018	2	16.07	82.36	8.2	33.49	8.2	24.6	0.62
F01	13 Feb 2018	3	15.90	82.26	8.2	33.49	8.2	24.6	0.64
F01	13 Feb 2018	4	15.83	81.60	8.2	33.49	8.2	24.6	0.72
F01	13 Feb 2018	5	15.80	80.94	8.3	33.49	8.2	24.6	0.89
F01	13 Feb 2018	6	15.78	80.73	8.3	33.48	8.2	24.6	0.99
F01	13 Feb 2018	7	15.77	80.89	8.3	33.48	8.2	24.6	1.03
F01	13 Feb 2018	8	15.75	81.05	8.3	33.48	8.2	24.6	1.09
F01	13 Feb 2018	9	15.74	81.30	8.3	33.48	8.2	24.6	1.17
F01	13 Feb 2018	10	15.73	81.18	8.3	33.48	8.2	24.6	1.10
F01	13 Feb 2018	11	15.72	81.31	8.3	33.48	8.2	24.6	1.20
F01	13 Feb 2018	12	15.70	81.37	8.3	33.48	8.2	24.6	1.24
F01	13 Feb 2018	13	15.68	81.78	8.3	33.48	8.2	24.7	1.37
F01	13 Feb 2018	14	15.68	81.78	8.3	33.48	8.2	24.7	1.35
F01	13 Feb 2018	15	15.67	81.67	8.3	33.48	8.2	24.7	1.28
F01	13 Feb 2018	16	15.64	81.85	8.2	33.48	8.2	24.7	1.31
F01	13 Feb 2018	17	15.61	82.04	8.2	33.48	8.2	24.7	1.33
F01	13 Feb 2018	18	15.61	82.10	8.2	33.48	8.2	24.7	1.36
F01	13 Feb 2018	19	15.60	82.43	8.1	33.48	8.2	24.7	1.28
F01	13 Feb 2018	20	15.60	82.14	8.2	33.48	8.2	24.7	1.23
F02	13 Feb 2018	1	15.83	81.78	8.1	33.49	8.2	24.6	1.17
F02	13 Feb 2018	2	15.83	81.53	8.1	33.49	8.2	24.6	1.18
F02	13 Feb 2018	3	15.83	81.80	8.1	33.49	8.2	24.6	1.13
F02	13 Feb 2018	4	15.83	82.03	8.2	33.49	8.2	24.6	1.12
F02	13 Feb 2018	5	15.83	81.92	8.1	33.49	8.2	24.6	1.21
F02	13 Feb 2018	6	15.82	81.92	8.1	33.49	8.2	24.6	1.33
F02	13 Feb 2018	7	15.75	82.35	8.1	33.49	8.2	24.6	1.34
F02	13 Feb 2018	8	15.70	83.07	8.1	33.49	8.2	24.7	1.32
F02	13 Feb 2018	9	15.65	83.21	8.0	33.49	8.2	24.7	1.28
F02	13 Feb 2018	10	15.60	83.37	8.0	33.49	8.2	24.7	1.20
F02	13 Feb 2018	11	15.57	83.45	7.9	33.48	8.2	24.7	1.16
F02	13 Feb 2018	12	15.55	83.65	7.9	33.48	8.2	24.7	1.27
F02	13 Feb 2018	13	15.50	83.90	7.8	33.48	8.2	24.7	1.05
F02	13 Feb 2018	14	15.43	84.19	7.8	33.48	8.2	24.7	1.01
F02	13 Feb 2018	15	15.41	84.37	7.8	33.48	8.1	24.7	1.08
F02	13 Feb 2018	16	15.37	84.28	7.7	33.48	8.1	24.7	1.33
F02	13 Feb 2018	17	15.23	84.29	7.7	33.48	8.1	24.8	0.99
F02	13 Feb 2018	18	15.18	84.38	7.6	33.48	8.1	24.8	0.99
F02	13 Feb 2018	19	15.08	84.03	7.5	33.48	8.1	24.8	0.97
F02	13 Feb 2018	20	15.05	83.34	7.4	33.47	8.1	24.8	0.77
F02	13 Feb 2018	21	14.98	81.53	7.3	33.47	8.1	24.8	0.75
F02	13 Feb 2018	22	14.97	80.89	7.3	33.47	8.1	24.8	0.85
F03	13 Feb 2018	1	15.79	83.07	8.2	33.49	8.2	24.6	0.95
F03	13 Feb 2018	2	15.78	82.98	8.2	33.49	8.2	24.6	0.97
F03	13 Feb 2018	3	15.78	83.24	8.2	33.49	8.2	24.6	0.95
F03	13 Feb 2018	4	15.78	83.27	8.1	33.49	8.2	24.6	0.96
F03	13 Feb 2018	5	15.78	83.19	8.2	33.49	8.2	24.6	1.12
F03	13 Feb 2018	6	15.78	83.25	8.2	33.49	8.2	24.6	1.28
F03	13 Feb 2018	7	15.78	83.26	8.2	33.49	8.2	24.6	1.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F03	13 Feb 2018	8	15.78	83.04	8.2	33.49	8.2	24.6	1.36
F03	13 Feb 2018	9	15.78	82.77	8.2	33.49	8.2	24.6	1.44
F03	13 Feb 2018	10	15.78	82.84	8.2	33.49	8.2	24.6	1.48
F03	13 Feb 2018	11	15.78	82.89	8.2	33.49	8.2	24.6	1.55
F03	13 Feb 2018	12	15.78	83.00	8.2	33.49	8.2	24.6	1.51
F03	13 Feb 2018	13	15.78	82.86	8.2	33.49	8.2	24.6	1.46
F03	13 Feb 2018	14	15.78	82.97	8.2	33.49	8.2	24.6	1.55
F03	13 Feb 2018	15	15.78	82.83	8.2	33.49	8.2	24.6	1.55
F03	13 Feb 2018	16	15.77	82.89	8.2	33.49	8.2	24.6	1.53
F03	13 Feb 2018	17	15.77	83.01	8.2	33.49	8.2	24.6	1.60
F03	13 Feb 2018	18	15.76	83.10	8.2	33.49	8.2	24.6	1.66
F03	13 Feb 2018	19	15.71	83.30	8.1	33.49	8.2	24.7	1.56
F03	13 Feb 2018	20	15.58	83.41	8.0	33.49	8.2	24.7	1.39
F03	13 Feb 2018	21	15.49	83.29	7.8	33.49	8.2	24.7	1.29
F04	13 Feb 2018	1	16.02	85.82	8.0	33.51	8.2	24.6	0.22
F04	13 Feb 2018	2	16.04	85.84	8.1	33.51	8.2	24.6	0.19
F04	13 Feb 2018	3	16.02	85.77	8.1	33.52	8.2	24.6	0.18
F04	13 Feb 2018	4	16.00	85.67	8.1	33.51	8.2	24.6	0.20
F04	13 Feb 2018	5	16.00	85.48	8.1	33.51	8.2	24.6	0.21
F04	13 Feb 2018	6	15.97	85.33	8.1	33.52	8.2	24.6	0.23
F04	13 Feb 2018	7	15.95	85.22	8.1	33.51	8.2	24.6	0.24
F04	13 Feb 2018	8	15.95	85.31	8.1	33.51	8.2	24.6	0.26
F04	13 Feb 2018	9	15.94	85.27	8.1	33.51	8.2	24.6	0.31
F04	13 Feb 2018	10	15.94	85.22	8.1	33.51	8.2	24.6	0.32
F04	13 Feb 2018	11	15.93	85.29	8.1	33.51	8.2	24.6	0.34
F04	13 Feb 2018	12	15.92	85.17	8.1	33.51	8.2	24.6	0.35
F04	13 Feb 2018	13	15.91	85.22	8.1	33.51	8.2	24.6	0.38
F04	13 Feb 2018	14	15.90	85.14	8.1	33.51	8.2	24.6	0.41
F04	13 Feb 2018	15	15.88	85.09	8.1	33.51	8.2	24.6	0.42
F04	13 Feb 2018	16	15.86	85.10	8.1	33.51	8.2	24.6	0.48
F04	13 Feb 2018	17	15.82	85.16	8.1	33.51	8.2	24.6	0.49
F04	13 Feb 2018	18	15.65	85.14	8.1	33.50	8.2	24.7	0.55
F04	13 Feb 2018	19	15.60	84.93	8.2	33.49	8.2	24.7	0.67
F04	13 Feb 2018	20	15.54	84.80	8.2	33.49	8.2	24.7	0.77
F04	13 Feb 2018	21	15.49	84.44	8.2	33.49	8.2	24.7	0.92
F04	13 Feb 2018	22	15.47	84.15	8.2	33.48	8.2	24.7	1.01
F04	13 Feb 2018	23	15.39	84.11	8.2	33.48	8.2	24.7	1.08
F04	13 Feb 2018	24	15.32	83.82	8.2	33.48	8.2	24.7	1.10
F04	13 Feb 2018	25	15.27	83.96	8.2	33.48	8.2	24.7	1.14
F04	13 Feb 2018	26	15.22	84.05	8.2	33.48	8.2	24.7	1.12
F04	13 Feb 2018	27	15.16	84.58	8.2	33.47	8.2	24.8	1.08
F04	13 Feb 2018	28	15.14	84.66	8.2	33.47	8.2	24.8	1.03
F04	13 Feb 2018	29	15.13	84.74	8.1	33.47	8.2	24.8	0.99
F04	13 Feb 2018	30	14.94	85.21	8.2	33.47	8.2	24.8	0.98
F04	13 Feb 2018	31	14.81	85.37	8.1	33.47	8.2	24.8	1.02
F04	13 Feb 2018	32	14.63	85.36	8.1	33.46	8.2	24.9	1.26
F04	13 Feb 2018	33	14.56	85.00	8.0	33.46	8.2	24.9	1.79
F04	13 Feb 2018	34	14.54	84.70	8.0	33.46	8.2	24.9	1.84
F04	13 Feb 2018	35	14.52	84.27	7.9	33.45	8.2	24.9	1.74
F04	13 Feb 2018	36	14.50	84.09	7.9	33.46	8.2	24.9	2.76
F04	13 Feb 2018	37	14.49	84.18	7.9	33.46	8.2	24.9	3.21
F04	13 Feb 2018	38	14.47	84.19	7.9	33.46	8.2	24.9	2.62
F04	13 Feb 2018	39	14.40	83.89	7.8	33.46	8.1	24.9	2.23
F04	13 Feb 2018	40	14.29	84.10	7.7	33.46	8.1	24.9	1.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F04	13 Feb 2018	41	14.23	84.13	7.6	33.45	8.1	24.9	2.20
F04	13 Feb 2018	42	14.18	84.21	7.5	33.45	8.1	25.0	3.23
F04	13 Feb 2018	43	14.13	84.48	7.4	33.45	8.1	25.0	3.13
F04	13 Feb 2018	44	14.06	84.96	7.2	33.46	8.1	25.0	2.42
F04	13 Feb 2018	45	13.98	84.37	7.1	33.46	8.1	25.0	1.71
F04	13 Feb 2018	46	13.95	84.20	7.1	33.46	8.1	25.0	1.43
F04	13 Feb 2018	47	13.94	84.78	7.0	33.46	8.1	25.0	1.50
F04	13 Feb 2018	48	13.92	84.14	7.0	33.46	8.1	25.0	1.76
F04	13 Feb 2018	49	13.89	84.27	7.0	33.46	8.1	25.0	2.93
F04	13 Feb 2018	50	13.88	84.94	7.0	33.46	8.1	25.0	3.23
F04	13 Feb 2018	51	13.85	84.44	6.9	33.46	8.1	25.0	1.76
F04	13 Feb 2018	52	13.78	84.09	6.9	33.46	8.1	25.0	0.99
F04	13 Feb 2018	53	13.73	84.39	6.8	33.46	8.1	25.1	0.79
F04	13 Feb 2018	54	13.69	84.77	6.7	33.46	8.1	25.1	1.28
F04	13 Feb 2018	55	13.63	84.84	6.7	33.46	8.1	25.1	1.46
F04	13 Feb 2018	56	13.62	84.96	6.6	33.46	8.1	25.1	1.19
F04	13 Feb 2018	57	13.54	84.95	6.6	33.46	8.1	25.1	1.14
F04	13 Feb 2018	58	13.48	84.72	6.4	33.46	8.0	25.1	1.12
F04	13 Feb 2018	59	13.16	84.30	6.2	33.48	8.0	25.2	1.51
F04	13 Feb 2018	60	12.96	83.50	6.1	33.48	8.0	25.2	1.51
F04	13 Feb 2018	61	12.94	83.20	6.0	33.47	8.0	25.2	0.81
F04	13 Feb 2018	62	12.94	83.16	6.0	33.47	8.0	25.2	0.95
F05	13 Feb 2018	1	15.99	85.99	8.1	33.50	8.2	24.6	0.19
F05	13 Feb 2018	2	15.99	86.04	8.1	33.50	8.2	24.6	0.20
F05	13 Feb 2018	3	15.99	85.91	8.1	33.51	8.2	24.6	0.20
F05	13 Feb 2018	4	15.93	86.00	8.1	33.51	8.2	24.6	0.21
F05	13 Feb 2018	5	15.90	85.73	8.1	33.51	8.2	24.6	0.24
F05	13 Feb 2018	6	15.88	85.43	8.1	33.51	8.2	24.6	0.26
F05	13 Feb 2018	7	15.87	85.47	8.1	33.51	8.2	24.6	0.29
F05	13 Feb 2018	8	15.87	85.35	8.1	33.50	8.2	24.6	0.30
F05	13 Feb 2018	9	15.86	85.48	8.1	33.50	8.2	24.6	0.32
F05	13 Feb 2018	10	15.86	85.47	8.2	33.50	8.2	24.6	0.33
F05	13 Feb 2018	11	15.86	85.39	8.1	33.50	8.2	24.6	0.35
F05	13 Feb 2018	12	15.85	85.30	8.1	33.50	8.2	24.6	0.37
F05	13 Feb 2018	13	15.85	85.44	8.2	33.50	8.2	24.6	0.39
F05	13 Feb 2018	14	15.85	85.46	8.1	33.50	8.2	24.6	0.42
F05	13 Feb 2018	15	15.85	85.45	8.1	33.50	8.2	24.6	0.44
F05	13 Feb 2018	16	15.84	85.41	8.1	33.50	8.2	24.6	0.47
F05	13 Feb 2018	17	15.83	85.51	8.2	33.50	8.2	24.6	0.53
F05	13 Feb 2018	18	15.80	85.38	8.2	33.50	8.2	24.6	0.54
F05	13 Feb 2018	19	15.76	85.53	8.2	33.50	8.2	24.6	0.59
F05	13 Feb 2018	20	15.75	85.48	8.1	33.50	8.2	24.6	0.62
F05	13 Feb 2018	21	15.75	85.45	8.1	33.50	8.2	24.6	0.65
F05	13 Feb 2018	22	15.74	85.37	8.1	33.50	8.2	24.6	0.66
F05	13 Feb 2018	23	15.74	85.68	8.2	33.50	8.2	24.6	0.69
F05	13 Feb 2018	24	15.73	85.59	8.2	33.50	8.2	24.7	0.69
F05	13 Feb 2018	25	15.72	85.59	8.2	33.49	8.2	24.7	0.72
F05	13 Feb 2018	26	15.71	85.58	8.1	33.49	8.2	24.7	0.76
F05	13 Feb 2018	27	15.70	85.40	8.1	33.49	8.2	24.7	0.76
F05	13 Feb 2018	28	15.47	85.53	8.1	33.50	8.2	24.7	0.82
F05	13 Feb 2018	29	15.29	85.22	8.1	33.48	8.2	24.7	0.88
F05	13 Feb 2018	30	15.08	85.40	8.1	33.48	8.2	24.8	0.96
F05	13 Feb 2018	31	14.93	85.48	8.1	33.47	8.2	24.8	1.15
F05	13 Feb 2018	32	14.88	85.61	8.1	33.46	8.2	24.8	1.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F05	13 Feb 2018	33	14.83	85.37	8.0	33.47	8.2	24.8	1.58
F05	13 Feb 2018	34	14.72	85.35	7.9	33.47	8.2	24.9	1.19
F05	13 Feb 2018	35	14.55	85.09	7.7	33.47	8.1	24.9	1.53
F05	13 Feb 2018	36	14.43	84.98	7.6	33.46	8.1	24.9	1.51
F05	13 Feb 2018	37	14.31	84.84	7.6	33.46	8.1	24.9	2.13
F05	13 Feb 2018	38	14.24	85.15	7.5	33.46	8.1	24.9	2.60
F05	13 Feb 2018	39	14.21	84.85	7.5	33.45	8.1	24.9	2.50
F05	13 Feb 2018	40	14.16	84.70	7.5	33.45	8.1	25.0	2.32
F05	13 Feb 2018	41	14.12	84.65	7.4	33.45	8.1	25.0	1.67
F05	13 Feb 2018	42	14.06	84.85	7.3	33.45	8.1	25.0	2.15
F05	13 Feb 2018	43	14.05	80.48	7.3	33.45	8.1	25.0	2.23
F05	13 Feb 2018	44	14.05	84.66	7.2	33.45	8.1	25.0	1.83
F05	13 Feb 2018	45	14.05	84.90	7.2	33.45	8.1	25.0	3.31
F05	13 Feb 2018	46	14.05	84.57	7.2	33.46	8.1	25.0	3.67
F05	13 Feb 2018	47	14.05	84.73	7.2	33.46	8.1	25.0	2.05
F05	13 Feb 2018	48	14.05	84.34	7.1	33.46	8.1	25.0	1.57
F05	13 Feb 2018	49	14.05	84.55	7.2	33.46	8.1	25.0	1.82
F05	13 Feb 2018	50	14.07	83.98	7.2	33.46	8.1	25.0	3.57
F05	13 Feb 2018	51	14.07	84.30	7.2	33.46	8.1	25.0	3.53
F05	13 Feb 2018	52	14.07	84.32	7.2	33.46	8.1	25.0	3.15
F05	13 Feb 2018	53	14.07	84.59	7.1	33.46	8.1	25.0	2.06
F05	13 Feb 2018	54	14.07	84.20	7.1	33.46	8.1	25.0	1.81
F05	13 Feb 2018	55	14.05	84.34	6.9	33.46	8.1	25.0	1.18
F05	13 Feb 2018	56	13.68	84.01	6.7	33.48	8.1	25.1	0.80
F05	13 Feb 2018	57	13.43	82.73	6.5	33.47	8.1	25.1	1.12
F05	13 Feb 2018	58	13.34	82.21	6.3	33.47	8.0	25.1	1.44
F05	13 Feb 2018	59	13.19	81.56	6.2	33.47	8.0	25.2	1.78
F05	13 Feb 2018	60	13.18	81.24	6.2	33.47	8.0	25.2	1.69
F05	13 Feb 2018	61	13.16	81.62	6.1	33.47	8.0	25.2	1.29
F05	13 Feb 2018	62	13.16	81.55	6.2	33.47	8.0	25.2	1.09
F06	13 Feb 2018	1	15.81	85.76	8.0	33.50	8.2	24.6	0.24
F06	13 Feb 2018	2	15.83	85.90	8.1	33.50	8.2	24.6	0.21
F06	13 Feb 2018	3	15.81	86.01	8.1	33.50	8.2	24.6	0.22
F06	13 Feb 2018	4	15.81	86.02	8.1	33.50	8.2	24.6	0.20
F06	13 Feb 2018	5	15.80	86.02	8.1	33.50	8.2	24.6	0.21
F06	13 Feb 2018	6	15.80	85.72	8.1	33.50	8.2	24.6	0.22
F06	13 Feb 2018	7	15.79	85.60	8.1	33.50	8.2	24.6	0.23
F06	13 Feb 2018	8	15.80	85.70	8.1	33.50	8.2	24.6	0.27
F06	13 Feb 2018	9	15.79	85.62	8.1	33.50	8.2	24.6	0.26
F06	13 Feb 2018	10	15.78	85.57	8.1	33.50	8.2	24.6	0.28
F06	13 Feb 2018	11	15.78	85.65	8.1	33.50	8.2	24.6	0.30
F06	13 Feb 2018	12	15.76	85.55	8.1	33.50	8.2	24.6	0.34
F06	13 Feb 2018	13	15.76	85.60	8.1	33.50	8.2	24.6	0.37
F06	13 Feb 2018	14	15.74	85.51	8.2	33.50	8.2	24.7	0.42
F06	13 Feb 2018	15	15.74	85.64	8.2	33.50	8.2	24.7	0.46
F06	13 Feb 2018	16	15.73	85.61	8.2	33.50	8.2	24.7	0.49
F06	13 Feb 2018	17	15.72	85.42	8.1	33.50	8.2	24.7	0.57
F06	13 Feb 2018	18	15.70	85.33	8.2	33.50	8.2	24.7	0.58
F06	13 Feb 2018	19	15.70	85.43	8.2	33.50	8.2	24.7	0.65
F06	13 Feb 2018	20	15.69	85.42	8.2	33.50	8.2	24.7	0.69
F06	13 Feb 2018	21	15.64	85.41	8.1	33.50	8.2	24.7	0.74
F06	13 Feb 2018	22	15.60	85.06	8.2	33.49	8.2	24.7	0.86
F06	13 Feb 2018	23	15.59	84.69	8.2	33.49	8.2	24.7	0.92
F06	13 Feb 2018	24	15.55	84.22	8.1	33.49	8.2	24.7	0.97

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F06	13 Feb 2018	25	15.53	84.02	8.1	33.49	8.2	24.7	1.04
F06	13 Feb 2018	26	15.51	84.05	8.1	33.48	8.2	24.7	1.12
F06	13 Feb 2018	27	15.28	84.19	8.0	33.49	8.2	24.8	1.02
F06	13 Feb 2018	28	15.05	83.77	7.8	33.48	8.2	24.8	1.01
F06	13 Feb 2018	29	14.89	83.47	7.7	33.48	8.1	24.8	1.02
F06	13 Feb 2018	30	14.75	83.42	7.7	33.47	8.1	24.8	0.94
F06	13 Feb 2018	31	14.66	83.87	7.7	33.47	8.1	24.9	1.16
F06	13 Feb 2018	32	14.64	84.59	7.7	33.46	8.1	24.9	1.41
F06	13 Feb 2018	33	14.62	84.90	7.7	33.46	8.1	24.9	0.92
F06	13 Feb 2018	34	14.61	85.03	7.8	33.46	8.1	24.9	0.96
F06	13 Feb 2018	35	14.61	85.23	7.8	33.46	8.1	24.9	0.96
F06	13 Feb 2018	36	14.60	84.98	7.7	33.46	8.1	24.9	1.94
F06	13 Feb 2018	37	14.60	84.86	7.7	33.46	8.1	24.9	1.49
F06	13 Feb 2018	38	14.60	85.09	7.7	33.46	8.1	24.9	1.03
F06	13 Feb 2018	39	14.59	84.88	7.7	33.46	8.1	24.9	1.01
F06	13 Feb 2018	40	14.56	84.71	7.7	33.46	8.1	24.9	1.04
F06	13 Feb 2018	41	14.54	84.75	7.7	33.46	8.1	24.9	0.91
F06	13 Feb 2018	42	14.49	85.01	7.7	33.46	8.1	24.9	1.03
F06	13 Feb 2018	43	14.41	85.20	7.6	33.46	8.1	24.9	1.04
F06	13 Feb 2018	44	14.39	84.82	7.6	33.46	8.1	24.9	1.07
F06	13 Feb 2018	45	14.38	84.66	7.5	33.46	8.1	24.9	1.74
F06	13 Feb 2018	46	14.37	84.75	7.5	33.46	8.1	24.9	2.37
F06	13 Feb 2018	47	14.35	84.15	7.5	33.46	8.1	24.9	2.24
F06	13 Feb 2018	48	14.31	84.80	7.5	33.46	8.1	24.9	1.78
F06	13 Feb 2018	49	14.28	84.67	7.5	33.46	8.1	24.9	1.66
F06	13 Feb 2018	50	14.28	84.36	7.4	33.46	8.1	24.9	1.94
F06	13 Feb 2018	51	14.28	84.68	7.4	33.46	8.1	24.9	1.92
F06	13 Feb 2018	52	14.27	84.62	7.4	33.46	8.1	24.9	1.75
F06	13 Feb 2018	53	14.27	84.50	7.4	33.46	8.1	24.9	1.28
F06	13 Feb 2018	54	14.24	84.59	7.4	33.46	8.1	24.9	2.02
F06	13 Feb 2018	55	14.23	84.58	7.3	33.46	8.1	24.9	2.31
F06	13 Feb 2018	56	14.21	84.39	7.3	33.46	8.1	25.0	1.69
F06	13 Feb 2018	57	14.17	84.36	7.2	33.46	8.1	25.0	1.34
F06	13 Feb 2018	58	14.00	82.83	6.8	33.47	8.1	25.0	0.87
F06	13 Feb 2018	59	13.58	81.67	6.6	33.48	8.1	25.1	0.61
F06	13 Feb 2018	60	13.53	80.55	6.4	33.46	8.0	25.1	0.79
F06	13 Feb 2018	61	13.41	79.85	6.3	33.47	8.0	25.1	1.10
F06	13 Feb 2018	62	13.34	79.21	6.3	33.47	8.0	25.1	1.16
F07	13 Feb 2018	1	15.84	85.95	8.1	33.49	8.2	24.6	0.27
F07	13 Feb 2018	2	15.84	85.90	8.1	33.50	8.2	24.6	0.27
F07	13 Feb 2018	3	15.83	85.64	8.1	33.50	8.2	24.6	0.26
F07	13 Feb 2018	4	15.83	85.73	8.1	33.50	8.2	24.6	0.25
F07	13 Feb 2018	5	15.82	85.70	8.1	33.50	8.2	24.6	0.25
F07	13 Feb 2018	6	15.81	85.60	8.1	33.50	8.2	24.6	0.27
F07	13 Feb 2018	7	15.81	85.51	8.1	33.50	8.2	24.6	0.27
F07	13 Feb 2018	8	15.81	85.47	8.0	33.50	8.2	24.6	0.28
F07	13 Feb 2018	9	15.81	85.37	8.1	33.50	8.2	24.6	0.30
F07	13 Feb 2018	10	15.80	85.45	8.1	33.50	8.2	24.6	0.31
F07	13 Feb 2018	11	15.78	85.47	8.1	33.50	8.2	24.6	0.35
F07	13 Feb 2018	12	15.78	84.90	8.1	33.50	8.2	24.6	0.35
F07	13 Feb 2018	13	15.77	85.36	8.1	33.50	8.2	24.6	0.38
F07	13 Feb 2018	14	15.75	85.34	8.1	33.50	8.2	24.6	0.41
F07	13 Feb 2018	15	15.73	85.27	8.2	33.50	8.2	24.7	0.48
F07	13 Feb 2018	16	15.71	85.17	8.2	33.50	8.2	24.7	0.54

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F07	13 Feb 2018	17	15.70	85.03	8.1	33.50	8.2	24.7	0.63
F07	13 Feb 2018	18	15.68	85.00	8.1	33.50	8.2	24.7	0.69
F07	13 Feb 2018	19	15.67	84.98	8.2	33.49	8.2	24.7	0.76
F07	13 Feb 2018	20	15.67	84.87	8.2	33.49	8.2	24.7	0.79
F07	13 Feb 2018	21	15.67	84.88	8.1	33.49	8.2	24.7	0.82
F07	13 Feb 2018	22	15.67	84.88	8.1	33.49	8.2	24.7	0.85
F07	13 Feb 2018	23	15.66	84.88	8.1	33.49	8.2	24.7	0.87
F07	13 Feb 2018	24	15.66	84.83	8.1	33.49	8.2	24.7	0.91
F07	13 Feb 2018	25	15.63	84.84	8.1	33.49	8.2	24.7	0.92
F07	13 Feb 2018	26	15.57	84.88	8.0	33.49	8.2	24.7	0.89
F07	13 Feb 2018	27	15.41	84.78	8.0	33.50	8.2	24.7	0.91
F07	13 Feb 2018	28	15.21	84.32	7.9	33.49	8.2	24.8	1.01
F07	13 Feb 2018	29	15.14	83.73	7.8	33.48	8.2	24.8	1.25
F07	13 Feb 2018	30	15.10	83.49	7.7	33.47	8.2	24.8	1.18
F07	13 Feb 2018	31	15.01	83.54	7.7	33.48	8.2	24.8	1.01
F07	13 Feb 2018	32	14.89	83.60	7.7	33.47	8.1	24.8	0.95
F07	13 Feb 2018	33	14.77	83.74	7.6	33.47	8.1	24.8	1.23
F07	13 Feb 2018	34	14.69	84.24	7.6	33.47	8.1	24.9	1.78
F07	13 Feb 2018	35	14.64	83.70	7.5	33.47	8.1	24.9	1.66
F07	13 Feb 2018	36	14.55	83.46	7.5	33.47	8.1	24.9	1.46
F07	13 Feb 2018	37	14.50	84.25	7.5	33.47	8.1	24.9	1.63
F07	13 Feb 2018	38	14.45	83.77	7.4	33.46	8.1	24.9	1.37
F07	13 Feb 2018	39	14.34	83.66	7.3	33.47	8.1	24.9	1.54
F07	13 Feb 2018	40	14.26	83.02	7.2	33.46	8.1	24.9	1.52
F07	13 Feb 2018	41	14.20	83.63	7.2	33.46	8.1	25.0	1.78
F07	13 Feb 2018	42	14.18	84.31	7.2	33.46	8.1	25.0	2.47
F07	13 Feb 2018	43	14.16	84.36	7.2	33.46	8.1	25.0	3.23
F07	13 Feb 2018	44	14.14	83.58	7.2	33.46	8.1	25.0	2.68
F07	13 Feb 2018	45	14.10	83.19	7.1	33.46	8.1	25.0	1.75
F07	13 Feb 2018	46	14.02	83.12	7.0	33.46	8.1	25.0	1.19
F07	13 Feb 2018	47	13.92	83.09	6.9	33.46	8.1	25.0	1.25
F07	13 Feb 2018	48	13.90	83.24	6.8	33.46	8.1	25.0	1.03
F07	13 Feb 2018	49	13.88	83.39	6.9	33.46	8.1	25.0	0.76
F07	13 Feb 2018	50	13.87	83.09	6.8	33.46	8.1	25.0	0.68
F07	13 Feb 2018	51	13.86	82.56	6.8	33.46	8.1	25.0	1.10
F07	13 Feb 2018	52	13.85	82.51	6.7	33.46	8.1	25.0	1.30
F07	13 Feb 2018	53	13.85	82.31	6.7	33.46	8.1	25.0	1.11
F07	13 Feb 2018	54	13.84	82.65	6.8	33.46	8.1	25.0	0.88
F07	13 Feb 2018	55	13.84	82.42	6.8	33.46	8.1	25.0	0.61
F07	13 Feb 2018	56	13.79	82.08	6.7	33.46	8.1	25.0	0.54
F07	13 Feb 2018	57	13.69	81.11	6.5	33.47	8.1	25.1	0.51
F07	13 Feb 2018	58	13.63	79.81	6.4	33.47	8.1	25.1	0.51
F07	13 Feb 2018	59	13.57	79.17	6.4	33.47	8.0	25.1	0.59
F07	13 Feb 2018	60	13.50	78.83	6.3	33.47	8.0	25.1	0.84
F07	13 Feb 2018	61	13.42	78.74	6.3	33.47	8.0	25.1	0.94
F07	13 Feb 2018	62	13.32	78.50	6.2	33.47	8.0	25.1	1.13
F07	13 Feb 2018	63	13.22	77.74	6.0	33.47	8.0	25.2	1.02
F07	13 Feb 2018	64	12.90	75.49	5.9	33.49	8.0	25.2	0.74
F07	13 Feb 2018	65	12.72	71.93	5.8	33.48	8.0	25.3	0.82
F08	13 Feb 2018	1	15.63	84.27	8.1	33.49	8.2	24.7	0.47
F08	13 Feb 2018	2	15.63	84.36	8.1	33.49	8.2	24.7	0.46
F08	13 Feb 2018	3	15.60	84.55	8.1	33.49	8.2	24.7	0.45
F08	13 Feb 2018	4	15.59	84.37	8.2	33.49	8.2	24.7	0.52
F08	13 Feb 2018	5	15.56	84.31	8.2	33.49	8.2	24.7	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F08	13 Feb 2018	6	15.55	83.83	8.2	33.49	8.2	24.7	0.63
F08	13 Feb 2018	7	15.55	83.89	8.2	33.49	8.2	24.7	0.71
F08	13 Feb 2018	8	15.55	83.83	8.2	33.49	8.2	24.7	0.75
F08	13 Feb 2018	9	15.55	83.96	8.2	33.49	8.2	24.7	0.77
F08	13 Feb 2018	10	15.54	83.92	8.1	33.49	8.2	24.7	0.79
F08	13 Feb 2018	11	15.54	84.06	8.1	33.49	8.2	24.7	0.82
F08	13 Feb 2018	12	15.54	84.06	8.2	33.49	8.2	24.7	0.89
F08	13 Feb 2018	13	15.54	83.99	8.1	33.49	8.2	24.7	1.04
F08	13 Feb 2018	14	15.54	83.90	8.2	33.49	8.2	24.7	1.16
F08	13 Feb 2018	15	15.54	84.06	8.2	33.48	8.2	24.7	0.99
F08	13 Feb 2018	16	15.54	84.11	8.1	33.49	8.2	24.7	1.03
F08	13 Feb 2018	17	15.54	83.92	8.1	33.49	8.2	24.7	1.00
F08	13 Feb 2018	18	15.54	84.15	8.1	33.49	8.2	24.7	0.93
F08	13 Feb 2018	19	15.54	83.70	8.2	33.49	8.2	24.7	1.07
F08	13 Feb 2018	20	15.54	84.01	8.2	33.49	8.2	24.7	0.99
F08	13 Feb 2018	21	15.54	84.01	8.2	33.49	8.2	24.7	0.99
F08	13 Feb 2018	22	15.54	83.96	8.2	33.49	8.2	24.7	0.99
F08	13 Feb 2018	23	15.54	83.88	8.2	33.49	8.2	24.7	1.05
F08	13 Feb 2018	24	15.54	84.18	8.2	33.49	8.2	24.7	1.16
F08	13 Feb 2018	25	15.54	84.18	8.1	33.49	8.2	24.7	1.12
F08	13 Feb 2018	26	15.54	83.99	8.1	33.49	8.2	24.7	1.08
F08	13 Feb 2018	27	15.48	84.08	8.1	33.49	8.2	24.7	1.09
F08	13 Feb 2018	28	15.30	84.24	7.9	33.49	8.2	24.7	1.07
F08	13 Feb 2018	29	15.09	84.60	7.9	33.49	8.2	24.8	1.17
F08	13 Feb 2018	30	15.01	84.53	7.8	33.48	8.2	24.8	1.29
F08	13 Feb 2018	31	14.99	84.40	7.8	33.47	8.2	24.8	1.99
F08	13 Feb 2018	32	14.96	84.53	7.8	33.47	8.2	24.8	1.18
F08	13 Feb 2018	33	14.95	84.24	7.8	33.47	8.2	24.8	0.91
F08	13 Feb 2018	34	14.88	84.31	7.7	33.47	8.1	24.8	0.89
F08	13 Feb 2018	35	14.86	84.38	7.7	33.47	8.1	24.8	1.18
F08	13 Feb 2018	36	14.80	84.13	7.6	33.47	8.1	24.8	1.67
F08	13 Feb 2018	37	14.75	84.51	7.6	33.47	8.1	24.8	1.32
F08	13 Feb 2018	38	14.68	84.28	7.6	33.47	8.1	24.9	1.13
F08	13 Feb 2018	39	14.66	84.71	7.6	33.47	8.1	24.9	1.22
F08	13 Feb 2018	40	14.65	84.52	7.6	33.47	8.1	24.9	1.78
F08	13 Feb 2018	41	14.63	84.14	7.5	33.47	8.1	24.9	2.34
F08	13 Feb 2018	42	14.57	83.94	7.5	33.47	8.1	24.9	1.79
F08	13 Feb 2018	43	14.45	83.36	7.4	33.47	8.1	24.9	1.93
F08	13 Feb 2018	44	14.37	83.78	7.3	33.47	8.1	24.9	2.11
F08	13 Feb 2018	45	14.31	84.05	7.2	33.46	8.1	24.9	1.70
F08	13 Feb 2018	46	14.27	83.96	7.2	33.46	8.1	24.9	1.04
F08	13 Feb 2018	47	14.25	84.05	7.2	33.46	8.1	24.9	0.82
F08	13 Feb 2018	48	14.24	84.00	7.2	33.46	8.1	24.9	1.02
F08	13 Feb 2018	49	14.23	83.97	7.2	33.46	8.1	24.9	0.81
F08	13 Feb 2018	50	14.22	83.96	7.1	33.46	8.1	24.9	0.84
F08	13 Feb 2018	51	14.20	83.56	7.1	33.46	8.1	25.0	1.16
F08	13 Feb 2018	52	14.12	83.30	7.0	33.47	8.1	25.0	0.95
F08	13 Feb 2018	53	14.02	83.13	6.9	33.46	8.1	25.0	1.01
F08	13 Feb 2018	54	13.94	83.37	6.9	33.46	8.1	25.0	0.94
F08	13 Feb 2018	55	13.81	83.19	6.8	33.46	8.1	25.0	0.69
F08	13 Feb 2018	56	13.70	82.65	6.7	33.46	8.1	25.1	0.70
F08	13 Feb 2018	57	13.58	81.55	6.5	33.46	8.1	25.1	0.78
F08	13 Feb 2018	58	13.48	80.43	6.4	33.46	8.0	25.1	0.74
F08	13 Feb 2018	59	13.41	79.79	6.3	33.46	8.0	25.1	0.96
F08	13 Feb 2018	60	13.39	78.87	6.2	33.46	8.0	25.1	0.78

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F08	13 Feb 2018	61	13.32	78.82	6.2	33.47	8.0	25.1	0.68
F08	13 Feb 2018	62	13.26	77.80	6.1	33.47	8.0	25.2	0.82
F09	13 Feb 2018	1	15.61	83.34	8.1	33.49	8.2	24.7	0.47
F09	13 Feb 2018	2	15.60	83.32	8.2	33.49	8.2	24.7	0.46
F09	13 Feb 2018	3	15.60	83.49	8.2	33.49	8.2	24.7	0.48
F09	13 Feb 2018	4	15.59	83.79	8.2	33.49	8.2	24.7	0.48
F09	13 Feb 2018	5	15.59	84.10	8.2	33.49	8.2	24.7	0.50
F09	13 Feb 2018	6	15.59	83.99	8.2	33.49	8.2	24.7	0.54
F09	13 Feb 2018	7	15.58	83.22	8.2	33.49	8.2	24.7	0.55
F09	13 Feb 2018	8	15.57	83.32	8.2	33.49	8.2	24.7	0.63
F09	13 Feb 2018	9	15.57	83.54	8.2	33.49	8.2	24.7	0.68
F09	13 Feb 2018	10	15.57	83.60	8.2	33.49	8.2	24.7	0.69
F09	13 Feb 2018	11	15.57	83.66	8.2	33.49	8.2	24.7	0.81
F09	13 Feb 2018	12	15.57	83.54	8.3	33.49	8.2	24.7	0.87
F09	13 Feb 2018	13	15.57	83.38	8.3	33.49	8.2	24.7	0.96
F09	13 Feb 2018	14	15.57	83.44	8.2	33.49	8.2	24.7	1.00
F09	13 Feb 2018	15	15.56	83.46	8.2	33.49	8.2	24.7	1.04
F09	13 Feb 2018	16	15.56	83.62	8.2	33.49	8.2	24.7	1.07
F09	13 Feb 2018	17	15.56	83.45	8.2	33.49	8.2	24.7	1.06
F09	13 Feb 2018	18	15.57	83.69	8.2	33.49	8.2	24.7	1.16
F09	13 Feb 2018	19	15.57	83.51	8.2	33.49	8.2	24.7	1.05
F09	13 Feb 2018	20	15.57	83.44	8.2	33.49	8.2	24.7	1.09
F09	13 Feb 2018	21	15.56	83.52	8.2	33.49	8.2	24.7	1.05
F09	13 Feb 2018	22	15.56	83.52	8.2	33.49	8.2	24.7	1.11
F09	13 Feb 2018	23	15.56	83.40	8.2	33.49	8.2	24.7	1.09
F09	13 Feb 2018	24	15.56	83.51	8.2	33.49	8.2	24.7	1.07
F09	13 Feb 2018	25	15.55	83.54	8.2	33.49	8.2	24.7	1.14
F09	13 Feb 2018	26	15.54	83.78	8.2	33.49	8.2	24.7	1.19
F09	13 Feb 2018	27	15.48	83.55	8.2	33.49	8.2	24.7	1.14
F09	13 Feb 2018	28	15.39	83.78	8.1	33.49	8.2	24.7	1.08
F09	13 Feb 2018	29	15.30	83.77	8.0	33.48	8.2	24.7	1.23
F09	13 Feb 2018	30	15.26	83.74	8.0	33.48	8.2	24.7	1.48
F09	13 Feb 2018	31	15.21	83.57	7.9	33.48	8.2	24.8	1.19
F09	13 Feb 2018	32	15.14	83.79	7.9	33.48	8.2	24.8	1.01
F09	13 Feb 2018	33	15.07	83.91	7.8	33.48	8.2	24.8	1.02
F09	13 Feb 2018	34	14.99	83.91	7.8	33.48	8.2	24.8	1.03
F09	13 Feb 2018	35	14.92	83.93	7.8	33.47	8.1	24.8	1.09
F09	13 Feb 2018	36	14.86	83.90	7.7	33.47	8.1	24.8	0.90
F09	13 Feb 2018	37	14.76	83.98	7.6	33.47	8.1	24.8	1.34
F09	13 Feb 2018	38	14.69	83.80	7.6	33.47	8.1	24.9	1.36
F09	13 Feb 2018	39	14.67	83.71	7.6	33.47	8.1	24.9	1.16
F09	13 Feb 2018	40	14.64	83.51	7.6	33.47	8.1	24.9	0.87
F09	13 Feb 2018	41	14.59	83.99	7.5	33.47	8.1	24.9	1.54
F09	13 Feb 2018	42	14.51	83.52	7.4	33.47	8.1	24.9	2.56
F09	13 Feb 2018	43	14.44	83.34	7.4	33.47	8.1	24.9	1.87
F09	13 Feb 2018	44	14.37	83.67	7.3	33.46	8.1	24.9	1.64
F09	13 Feb 2018	45	14.35	84.39	7.3	33.46	8.1	24.9	1.74
F09	13 Feb 2018	46	14.34	84.66	7.3	33.46	8.1	24.9	2.07
F09	13 Feb 2018	47	14.33	84.61	7.3	33.46	8.1	24.9	1.73
F09	13 Feb 2018	48	14.33	84.35	7.3	33.46	8.1	24.9	1.37
F09	13 Feb 2018	49	14.32	84.15	7.2	33.46	8.1	24.9	1.28
F09	13 Feb 2018	50	14.29	83.91	7.2	33.46	8.1	24.9	0.95
F09	13 Feb 2018	51	14.14	83.22	7.1	33.47	8.1	25.0	0.86
F09	13 Feb 2018	52	14.09	82.95	7.0	33.46	8.1	25.0	0.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F09	13 Feb 2018	53	14.03	83.19	7.0	33.46	8.1	25.0	1.16
F09	13 Feb 2018	54	13.99	83.49	7.0	33.46	8.1	25.0	1.17
F09	13 Feb 2018	55	13.91	83.52	6.9	33.46	8.1	25.0	1.31
F09	13 Feb 2018	56	13.79	82.86	6.8	33.46	8.1	25.0	1.57
F09	13 Feb 2018	57	13.71	82.81	6.7	33.46	8.1	25.1	0.90
F09	13 Feb 2018	58	13.64	82.22	6.5	33.46	8.1	25.1	0.58
F09	13 Feb 2018	59	13.51	81.45	6.4	33.47	8.0	25.1	0.48
F09	13 Feb 2018	60	13.35	79.78	6.2	33.47	8.0	25.1	0.50
F09	13 Feb 2018	61	13.11	77.44	6.0	33.48	8.0	25.2	0.78
F09	13 Feb 2018	62	12.96	74.12	5.8	33.48	8.0	25.2	1.02
F09	13 Feb 2018	63	12.86	71.17	5.8	33.48	8.0	25.2	0.98
F10	13 Feb 2018	1	15.67	83.13	8.1	33.49	8.2	24.7	0.49
F10	13 Feb 2018	2	15.65	83.35	8.2	33.49	8.2	24.7	0.50
F10	13 Feb 2018	3	15.63	83.35	8.2	33.49	8.2	24.7	0.45
F10	13 Feb 2018	4	15.62	83.27	8.2	33.49	8.2	24.7	0.46
F10	13 Feb 2018	5	15.61	83.08	8.2	33.49	8.2	24.7	0.56
F10	13 Feb 2018	6	15.61	83.26	8.2	33.49	8.2	24.7	0.65
F10	13 Feb 2018	7	15.61	82.86	8.2	33.49	8.2	24.7	0.71
F10	13 Feb 2018	8	15.60	82.83	8.2	33.49	8.2	24.7	0.83
F10	13 Feb 2018	9	15.60	82.95	8.2	33.49	8.2	24.7	0.87
F10	13 Feb 2018	10	15.60	82.96	8.2	33.49	8.2	24.7	0.92
F10	13 Feb 2018	11	15.60	82.88	8.2	33.49	8.2	24.7	1.01
F10	13 Feb 2018	12	15.60	82.83	8.2	33.49	8.2	24.7	1.05
F10	13 Feb 2018	13	15.59	82.87	8.2	33.49	8.2	24.7	1.06
F10	13 Feb 2018	14	15.59	82.88	8.2	33.49	8.2	24.7	1.11
F10	13 Feb 2018	15	15.59	82.97	8.2	33.49	8.2	24.7	1.34
F10	13 Feb 2018	16	15.59	82.65	8.2	33.49	8.2	24.7	1.27
F10	13 Feb 2018	17	15.59	82.82	8.2	33.49	8.2	24.7	1.21
F10	13 Feb 2018	18	15.58	82.68	8.2	33.49	8.2	24.7	1.17
F10	13 Feb 2018	19	15.57	82.75	8.2	33.49	8.2	24.7	1.19
F10	13 Feb 2018	20	15.57	83.05	8.2	33.49	8.2	24.7	1.20
F10	13 Feb 2018	21	15.57	83.30	8.2	33.49	8.2	24.7	1.24
F10	13 Feb 2018	22	15.57	83.15	8.2	33.49	8.2	24.7	1.23
F10	13 Feb 2018	23	15.56	82.86	8.2	33.49	8.2	24.7	1.20
F10	13 Feb 2018	24	15.55	83.01	8.2	33.49	8.2	24.7	1.43
F10	13 Feb 2018	25	15.54	82.98	8.2	33.49	8.2	24.7	1.30
F10	13 Feb 2018	26	15.49	83.18	8.1	33.49	8.2	24.7	1.25
F10	13 Feb 2018	27	15.28	83.62	8.0	33.49	8.2	24.7	1.08
F10	13 Feb 2018	28	15.12	83.84	7.9	33.48	8.2	24.8	0.96
F10	13 Feb 2018	29	15.01	84.04	7.8	33.47	8.2	24.8	0.88
F10	13 Feb 2018	30	14.92	84.06	7.8	33.47	8.2	24.8	0.86
F10	13 Feb 2018	31	14.85	83.82	7.7	33.47	8.1	24.8	1.20
F10	13 Feb 2018	32	14.79	83.72	7.7	33.47	8.1	24.8	0.97
F10	13 Feb 2018	33	14.76	83.88	7.6	33.47	8.1	24.8	0.87
F10	13 Feb 2018	34	14.69	84.04	7.6	33.47	8.1	24.9	0.96
F10	13 Feb 2018	35	14.64	84.03	7.5	33.46	8.1	24.9	1.70
F10	13 Feb 2018	36	14.50	83.93	7.5	33.47	8.1	24.9	1.91
F10	13 Feb 2018	37	14.45	84.20	7.4	33.46	8.1	24.9	2.82
F10	13 Feb 2018	38	14.43	84.41	7.4	33.46	8.1	24.9	1.97
F10	13 Feb 2018	39	14.42	84.32	7.4	33.46	8.1	24.9	1.58
F10	13 Feb 2018	40	14.41	84.26	7.4	33.46	8.1	24.9	1.61
F10	13 Feb 2018	41	14.40	84.23	7.4	33.46	8.1	24.9	1.51
F10	13 Feb 2018	42	14.40	84.65	7.4	33.46	8.1	24.9	1.37
F10	13 Feb 2018	43	14.40	84.45	7.4	33.46	8.1	24.9	1.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F10	13 Feb 2018	44	14.39	84.39	7.4	33.46	8.1	24.9	1.65
F10	13 Feb 2018	45	14.34	84.66	7.4	33.46	8.1	24.9	1.18
F10	13 Feb 2018	46	14.26	84.32	7.3	33.47	8.1	24.9	0.98
F10	13 Feb 2018	47	14.21	84.42	7.3	33.46	8.1	25.0	1.33
F10	13 Feb 2018	48	14.13	84.72	7.2	33.46	8.1	25.0	1.53
F10	13 Feb 2018	49	14.09	84.33	7.1	33.46	8.1	25.0	1.50
F10	13 Feb 2018	50	14.04	84.52	7.1	33.46	8.1	25.0	1.63
F10	13 Feb 2018	51	14.01	84.60	7.1	33.46	8.1	25.0	1.34
F10	13 Feb 2018	52	13.97	84.62	7.0	33.46	8.1	25.0	1.11
F10	13 Feb 2018	53	13.94	84.51	7.0	33.46	8.1	25.0	1.06
F10	13 Feb 2018	54	13.91	84.13	7.0	33.46	8.1	25.0	0.82
F10	13 Feb 2018	55	13.86	84.33	6.9	33.46	8.1	25.0	0.66
F10	13 Feb 2018	56	13.80	84.44	6.8	33.46	8.1	25.0	0.62
F10	13 Feb 2018	57	13.71	84.41	6.7	33.46	8.1	25.1	0.57
F10	13 Feb 2018	58	13.68	83.58	6.6	33.46	8.1	25.1	0.61
F10	13 Feb 2018	59	13.61	82.99	6.5	33.46	8.1	25.1	0.99
F10	13 Feb 2018	60	13.45	82.18	6.4	33.47	8.0	25.1	1.29
F10	13 Feb 2018	61	13.35	80.81	6.3	33.46	8.0	25.1	1.28
F10	13 Feb 2018	62	13.17	79.81	6.1	33.48	8.0	25.2	1.33
F10	13 Feb 2018	63	12.96	76.43	5.9	33.47	8.0	25.2	1.64
F11	13 Feb 2018	1	15.71	83.16	8.1	33.48	8.2	24.6	0.86
F11	13 Feb 2018	2	15.70	83.17	8.1	33.49	8.2	24.7	0.81
F11	13 Feb 2018	3	15.68	83.31	8.2	33.49	8.2	24.7	0.65
F11	13 Feb 2018	4	15.66	83.31	8.1	33.49	8.2	24.7	0.61
F11	13 Feb 2018	5	15.66	83.13	8.2	33.49	8.2	24.7	0.67
F11	13 Feb 2018	6	15.66	82.87	8.2	33.49	8.2	24.7	0.72
F11	13 Feb 2018	7	15.65	82.61	8.2	33.49	8.2	24.7	0.79
F11	13 Feb 2018	8	15.65	82.69	8.2	33.49	8.2	24.7	0.79
F11	13 Feb 2018	9	15.65	82.93	8.2	33.49	8.2	24.7	0.87
F11	13 Feb 2018	10	15.65	82.95	8.2	33.49	8.2	24.7	0.96
F11	13 Feb 2018	11	15.64	82.94	8.1	33.49	8.2	24.7	1.10
F11	13 Feb 2018	12	15.64	82.92	8.1	33.49	8.2	24.7	1.12
F11	13 Feb 2018	13	15.63	82.83	8.2	33.49	8.2	24.7	1.21
F11	13 Feb 2018	14	15.62	82.82	8.2	33.49	8.2	24.7	1.18
F11	13 Feb 2018	15	15.62	83.02	8.2	33.49	8.2	24.7	1.28
F11	13 Feb 2018	16	15.60	82.83	8.2	33.49	8.2	24.7	1.27
F11	13 Feb 2018	17	15.59	83.08	8.2	33.49	8.2	24.7	1.34
F11	13 Feb 2018	18	15.54	82.96	8.1	33.49	8.2	24.7	1.35
F11	13 Feb 2018	19	15.49	83.06	8.1	33.48	8.2	24.7	1.21
F11	13 Feb 2018	20	15.43	83.45	8.1	33.48	8.2	24.7	1.11
F11	13 Feb 2018	21	15.30	83.44	8.0	33.49	8.2	24.7	1.10
F11	13 Feb 2018	22	15.13	83.76	7.9	33.48	8.2	24.8	0.96
F11	13 Feb 2018	23	15.12	83.41	7.8	33.47	8.2	24.8	0.90
F11	13 Feb 2018	24	15.05	84.00	7.9	33.47	8.2	24.8	0.97
F11	13 Feb 2018	25	15.03	83.72	7.8	33.47	8.2	24.8	1.58
F11	13 Feb 2018	26	15.00	84.00	7.8	33.47	8.2	24.8	1.28
F11	13 Feb 2018	27	14.93	84.07	7.8	33.47	8.2	24.8	1.49
F11	13 Feb 2018	28	14.87	84.09	7.7	33.47	8.1	24.8	1.47
F11	13 Feb 2018	29	14.82	84.19	7.7	33.47	8.1	24.8	1.25
F11	13 Feb 2018	30	14.75	84.40	7.6	33.47	8.1	24.8	0.92
F11	13 Feb 2018	31	14.72	83.86	7.6	33.47	8.1	24.9	0.94
F11	13 Feb 2018	32	14.68	84.39	7.6	33.47	8.1	24.9	1.03
F11	13 Feb 2018	33	14.61	84.25	7.5	33.47	8.1	24.9	0.85
F11	13 Feb 2018	34	14.55	84.02	7.5	33.47	8.1	24.9	0.78

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F11	13 Feb 2018	35	14.53	84.30	7.5	33.46	8.1	24.9	1.34
F11	13 Feb 2018	36	14.48	84.09	7.5	33.46	8.1	24.9	1.76
F11	13 Feb 2018	37	14.45	84.63	7.5	33.46	8.1	24.9	1.59
F11	13 Feb 2018	38	14.43	84.67	7.4	33.46	8.1	24.9	1.24
F11	13 Feb 2018	39	14.38	84.36	7.4	33.46	8.1	24.9	1.66
F11	13 Feb 2018	40	14.35	83.85	7.4	33.46	8.1	24.9	1.63
F11	13 Feb 2018	41	14.33	84.06	7.4	33.46	8.1	24.9	1.84
F11	13 Feb 2018	42	14.24	83.94	7.3	33.46	8.1	24.9	1.20
F11	13 Feb 2018	43	14.22	84.19	7.3	33.46	8.1	25.0	1.41
F11	13 Feb 2018	44	14.19	84.17	7.3	33.46	8.1	25.0	1.25
F11	13 Feb 2018	45	14.10	84.00	7.2	33.46	8.1	25.0	1.14
F11	13 Feb 2018	46	14.05	84.76	7.2	33.46	8.1	25.0	1.31
F11	13 Feb 2018	47	14.03	84.60	7.1	33.46	8.1	25.0	2.03
F11	13 Feb 2018	48	13.97	84.35	7.0	33.46	8.1	25.0	1.84
F11	13 Feb 2018	49	13.94	84.18	7.0	33.46	8.1	25.0	1.57
F11	13 Feb 2018	50	13.90	84.84	7.0	33.46	8.1	25.0	1.41
F11	13 Feb 2018	51	13.86	84.85	6.9	33.46	8.1	25.0	0.92
F11	13 Feb 2018	52	13.83	84.70	6.9	33.46	8.1	25.0	1.41
F11	13 Feb 2018	53	13.80	84.50	6.8	33.46	8.1	25.0	1.28
F11	13 Feb 2018	54	13.74	84.62	6.8	33.46	8.1	25.1	1.50
F11	13 Feb 2018	55	13.65	83.98	6.6	33.46	8.1	25.1	1.19
F11	13 Feb 2018	56	13.60	83.07	6.5	33.46	8.1	25.1	0.86
F11	13 Feb 2018	57	13.46	81.99	6.4	33.47	8.0	25.1	1.13
F11	13 Feb 2018	58	13.27	81.04	6.3	33.47	8.0	25.2	0.84
F11	13 Feb 2018	59	13.23	82.11	6.3	33.46	8.0	25.2	0.69
F11	13 Feb 2018	60	13.07	83.18	6.2	33.47	8.0	25.2	0.48
F11	13 Feb 2018	61	12.89	83.01	6.0	33.47	8.0	25.2	0.47
F11	13 Feb 2018	62	12.83	80.69	6.0	33.47	8.0	25.2	0.48
F12	13 Feb 2018	1	15.69	82.30	8.2	33.49	8.2	24.7	0.61
F12	13 Feb 2018	2	15.70	82.63	8.2	33.49	8.2	24.7	0.60
F12	13 Feb 2018	3	15.70	83.49	8.2	33.49	8.2	24.7	0.56
F12	13 Feb 2018	4	15.69	83.48	8.2	33.49	8.2	24.7	0.55
F12	13 Feb 2018	5	15.68	83.41	8.2	33.49	8.2	24.7	0.58
F12	13 Feb 2018	6	15.68	83.46	8.2	33.49	8.2	24.7	0.67
F12	13 Feb 2018	7	15.68	82.96	8.2	33.49	8.2	24.7	0.75
F12	13 Feb 2018	8	15.67	82.92	8.2	33.49	8.2	24.7	0.74
F12	13 Feb 2018	9	15.67	83.29	8.2	33.49	8.2	24.7	0.90
F12	13 Feb 2018	10	15.67	83.10	8.2	33.49	8.2	24.7	0.96
F12	13 Feb 2018	11	15.67	83.15	8.2	33.49	8.2	24.7	0.96
F12	13 Feb 2018	12	15.67	83.25	8.2	33.49	8.2	24.7	1.04
F12	13 Feb 2018	13	15.66	82.92	8.2	33.49	8.2	24.7	1.09
F12	13 Feb 2018	14	15.66	83.29	8.2	33.49	8.2	24.7	1.20
F12	13 Feb 2018	15	15.66	83.21	8.2	33.49	8.2	24.7	1.08
F12	13 Feb 2018	16	15.62	83.25	8.2	33.49	8.2	24.7	1.15
F12	13 Feb 2018	17	15.54	83.52	8.1	33.49	8.2	24.7	1.16
F12	13 Feb 2018	18	15.39	83.56	8.1	33.49	8.2	24.7	1.08
F12	13 Feb 2018	19	15.26	83.42	8.0	33.48	8.2	24.7	1.17
F12	13 Feb 2018	20	15.20	83.69	7.9	33.47	8.2	24.8	1.07
F12	13 Feb 2018	21	15.15	83.66	7.9	33.47	8.2	24.8	1.04
F12	13 Feb 2018	22	15.03	83.84	7.7	33.48	8.2	24.8	1.66
F12	13 Feb 2018	23	14.93	84.04	7.6	33.47	8.2	24.8	1.40
F12	13 Feb 2018	24	14.85	84.15	7.6	33.47	8.1	24.8	0.98
F12	13 Feb 2018	25	14.76	84.27	7.6	33.47	8.1	24.8	0.77
F12	13 Feb 2018	26	14.67	84.61	7.5	33.47	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)
F12	13 Feb 2018	27	14.62	84.51	7.5	33.46	8.1	24.9	0.92
F12	13 Feb 2018	28	14.60	84.77	7.5	33.46	8.1	24.9	1.57
F12	13 Feb 2018	29	14.59	84.60	7.5	33.46	8.1	24.9	2.29
F12	13 Feb 2018	30	14.57	84.32	7.5	33.46	8.1	24.9	1.81
F12	13 Feb 2018	31	14.54	84.26	7.5	33.46	8.1	24.9	2.18
F12	13 Feb 2018	32	14.51	83.77	7.5	33.46	8.1	24.9	2.01
F12	13 Feb 2018	33	14.49	83.38	7.5	33.46	8.1	24.9	1.63
F12	13 Feb 2018	34	14.45	83.73	7.5	33.47	8.1	24.9	1.63
F12	13 Feb 2018	35	14.29	84.06	7.4	33.47	8.1	24.9	1.79
F12	13 Feb 2018	36	14.18	84.17	7.4	33.46	8.1	25.0	2.51
F12	13 Feb 2018	37	14.15	84.09	7.3	33.46	8.1	25.0	3.00
F12	13 Feb 2018	38	14.15	83.98	7.3	33.46	8.1	25.0	2.34
F12	13 Feb 2018	39	14.13	84.41	7.3	33.46	8.1	25.0	1.78
F12	13 Feb 2018	40	14.10	84.33	7.3	33.46	8.1	25.0	1.56
F12	13 Feb 2018	41	14.09	84.05	7.3	33.45	8.1	25.0	1.37
F12	13 Feb 2018	42	14.02	84.02	7.2	33.46	8.1	25.0	1.06
F12	13 Feb 2018	43	13.94	84.14	7.2	33.46	8.1	25.0	1.83
F12	13 Feb 2018	44	13.91	84.22	7.1	33.45	8.1	25.0	3.21
F12	13 Feb 2018	45	13.89	83.79	7.0	33.45	8.1	25.0	1.90
F12	13 Feb 2018	46	13.85	84.52	7.0	33.45	8.1	25.0	1.84
F12	13 Feb 2018	47	13.80	84.59	6.9	33.46	8.1	25.0	1.45
F12	13 Feb 2018	48	13.74	84.75	6.8	33.46	8.1	25.0	1.24
F12	13 Feb 2018	49	13.68	84.86	6.7	33.46	8.1	25.1	1.39
F12	13 Feb 2018	50	13.63	84.85	6.6	33.46	8.1	25.1	1.78
F12	13 Feb 2018	51	13.26	85.02	6.4	33.48	8.1	25.2	1.63
F12	13 Feb 2018	52	12.97	85.33	6.3	33.47	8.0	25.2	1.02
F12	13 Feb 2018	53	12.83	85.69	6.2	33.46	8.0	25.2	0.80
F12	13 Feb 2018	54	12.79	85.92	6.2	33.46	8.0	25.2	0.62
F12	13 Feb 2018	55	12.76	85.40	6.1	33.46	8.0	25.2	0.58
F12	13 Feb 2018	56	12.74	84.99	6.0	33.46	8.0	25.3	0.53
F12	13 Feb 2018	57	12.74	84.45	6.0	33.47	8.0	25.3	0.45
F12	13 Feb 2018	58	12.73	84.50	6.0	33.47	8.0	25.3	0.43
F12	13 Feb 2018	59	12.71	83.79	5.9	33.47	8.0	25.3	0.39
F12	13 Feb 2018	60	12.68	83.29	5.8	33.47	8.0	25.3	0.38
F12	13 Feb 2018	61	12.65	82.95	5.8	33.48	8.0	25.3	0.40
F12	13 Feb 2018	62	12.59	82.63	5.8	33.48	8.0	25.3	0.38
F12	13 Feb 2018	63	12.57	81.86	5.7	33.48	8.0	25.3	0.39
F13	13 Feb 2018	1	15.80	83.37	8.2	33.49	8.2	24.6	0.83
F13	13 Feb 2018	2	15.81	83.09	8.2	33.49	8.2	24.6	0.75
F13	13 Feb 2018	3	15.80	83.03	8.2	33.49	8.2	24.6	0.71
F13	13 Feb 2018	4	15.79	83.11	8.2	33.49	8.2	24.6	0.77
F13	13 Feb 2018	5	15.79	83.00	8.2	33.49	8.2	24.6	0.80
F13	13 Feb 2018	6	15.79	82.99	8.2	33.49	8.2	24.6	0.87
F13	13 Feb 2018	7	15.78	82.71	8.2	33.49	8.2	24.6	0.93
F13	13 Feb 2018	8	15.78	82.77	8.2	33.49	8.2	24.6	1.04
F13	13 Feb 2018	9	15.78	82.72	8.2	33.49	8.2	24.6	1.08
F13	13 Feb 2018	10	15.77	82.74	8.2	33.49	8.2	24.6	1.09
F13	13 Feb 2018	11	15.76	82.87	8.2	33.49	8.2	24.6	1.18
F13	13 Feb 2018	12	15.73	82.68	8.2	33.49	8.2	24.6	1.16
F13	13 Feb 2018	13	15.70	82.81	8.2	33.49	8.2	24.6	1.14
F13	13 Feb 2018	14	15.66	83.12	8.1	33.49	8.2	24.7	1.12
F13	13 Feb 2018	15	15.50	83.00	8.0	33.49	8.2	24.7	1.11
F13	13 Feb 2018	16	15.33	83.37	8.0	33.48	8.2	24.7	1.10
F13	13 Feb 2018	17	15.29	83.73	8.0	33.47	8.2	24.7	1.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F13	13 Feb 2018	18	15.27	83.50	8.0	33.47	8.2	24.7	1.37
F13	13 Feb 2018	19	15.27	83.30	8.0	33.47	8.2	24.7	1.41
F13	13 Feb 2018	20	15.27	83.45	8.0	33.47	8.2	24.7	1.25
F13	13 Feb 2018	21	15.25	83.68	8.0	33.47	8.2	24.7	1.21
F13	13 Feb 2018	22	15.18	83.54	7.9	33.47	8.2	24.8	1.44
F13	13 Feb 2018	23	15.01	83.73	7.8	33.48	8.2	24.8	1.28
F13	13 Feb 2018	24	14.85	83.95	7.7	33.47	8.2	24.8	1.06
F13	13 Feb 2018	25	14.81	84.12	7.7	33.47	8.1	24.8	1.03
F13	13 Feb 2018	26	14.77	84.25	7.7	33.47	8.1	24.8	1.00
F13	13 Feb 2018	27	14.72	84.16	7.8	33.47	8.1	24.8	0.94
F13	13 Feb 2018	28	14.69	84.40	7.8	33.46	8.1	24.9	1.35
F13	13 Feb 2018	29	14.66	84.57	7.8	33.46	8.1	24.9	1.31
F13	13 Feb 2018	30	14.61	84.76	7.8	33.46	8.1	24.9	1.34
F13	13 Feb 2018	31	14.47	84.40	7.6	33.47	8.1	24.9	1.46
F13	13 Feb 2018	32	14.22	84.28	7.5	33.47	8.1	25.0	1.54
F13	13 Feb 2018	33	14.17	84.53	7.4	33.46	8.1	25.0	1.64
F13	13 Feb 2018	34	14.15	84.16	7.4	33.45	8.1	25.0	2.95
F13	13 Feb 2018	35	14.14	84.28	7.4	33.45	8.1	25.0	4.08
F13	13 Feb 2018	36	14.13	84.50	7.4	33.45	8.1	25.0	3.32
F13	13 Feb 2018	37	14.10	84.19	7.3	33.45	8.1	25.0	2.14
F13	13 Feb 2018	38	14.02	84.37	7.2	33.46	8.1	25.0	2.09
F13	13 Feb 2018	39	13.90	84.31	7.1	33.46	8.1	25.0	2.31
F13	13 Feb 2018	40	13.82	84.54	7.0	33.46	8.1	25.0	2.00
F13	13 Feb 2018	41	13.75	84.75	6.9	33.46	8.1	25.0	1.43
F13	13 Feb 2018	42	13.70	85.02	6.8	33.46	8.1	25.1	1.21
F13	13 Feb 2018	43	13.65	85.11	6.8	33.46	8.1	25.1	0.94
F13	13 Feb 2018	44	13.62	85.41	6.7	33.46	8.1	25.1	0.75
F13	13 Feb 2018	45	13.58	85.22	6.7	33.46	8.1	25.1	0.56
F13	13 Feb 2018	46	13.50	85.06	6.6	33.46	8.1	25.1	0.45
F13	13 Feb 2018	47	13.25	85.40	6.5	33.47	8.0	25.2	0.62
F13	13 Feb 2018	48	13.12	85.45	6.3	33.46	8.0	25.2	0.57
F13	13 Feb 2018	49	13.00	85.72	6.3	33.46	8.0	25.2	0.51
F13	13 Feb 2018	50	12.82	85.81	6.2	33.46	8.0	25.2	0.50
F13	13 Feb 2018	51	12.74	85.86	6.1	33.46	8.0	25.3	0.48
F13	13 Feb 2018	52	12.70	85.67	6.0	33.46	8.0	25.3	0.45
F13	13 Feb 2018	53	12.68	85.24	6.0	33.46	8.0	25.3	0.44
F13	13 Feb 2018	54	12.66	85.06	6.0	33.47	8.0	25.3	0.61
F13	13 Feb 2018	55	12.65	84.65	5.9	33.47	8.0	25.3	0.66
F13	13 Feb 2018	56	12.65	84.54	5.9	33.47	8.0	25.3	0.49
F13	13 Feb 2018	57	12.64	84.29	5.9	33.47	8.0	25.3	0.43
F13	13 Feb 2018	58	12.61	84.14	5.8	33.47	8.0	25.3	0.41
F13	13 Feb 2018	59	12.58	83.55	5.8	33.48	8.0	25.3	0.38
F13	13 Feb 2018	60	12.56	82.75	5.7	33.48	8.0	25.3	0.38
F13	13 Feb 2018	61	12.55	82.54	5.7	33.48	8.0	25.3	0.37
F13	13 Feb 2018	62	12.54	82.34	5.7	33.48	8.0	25.3	0.39
F14	13 Feb 2018	1	15.78	83.47	8.3	33.49	8.2	24.6	0.59
F14	13 Feb 2018	2	15.78	83.22	8.2	33.49	8.2	24.6	0.61
F14	13 Feb 2018	3	15.78	83.27	8.2	33.49	8.2	24.6	0.59
F14	13 Feb 2018	4	15.78	83.30	8.2	33.49	8.2	24.6	0.65
F14	13 Feb 2018	5	15.78	83.49	8.2	33.49	8.2	24.6	0.69
F14	13 Feb 2018	6	15.77	83.40	8.2	33.49	8.2	24.6	0.74
F14	13 Feb 2018	7	15.77	83.26	8.2	33.49	8.2	24.6	0.85
F14	13 Feb 2018	8	15.77	82.84	8.3	33.49	8.2	24.6	1.02
F14	13 Feb 2018	9	15.77	82.95	8.3	33.49	8.2	24.6	1.10

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F14	13 Feb 2018	10	15.77	83.18	8.3	33.49	8.2	24.6	1.10
F14	13 Feb 2018	11	15.76	82.71	8.2	33.49	8.2	24.6	1.12
F14	13 Feb 2018	12	15.76	82.71	8.2	33.49	8.2	24.6	1.13
F14	13 Feb 2018	13	15.75	83.02	8.2	33.49	8.2	24.6	1.16
F14	13 Feb 2018	14	15.75	82.96	8.2	33.49	8.2	24.6	1.22
F14	13 Feb 2018	15	15.75	83.08	8.2	33.49	8.2	24.6	1.26
F14	13 Feb 2018	16	15.73	83.12	8.2	33.49	8.2	24.6	1.28
F14	13 Feb 2018	17	15.72	83.08	8.2	33.49	8.2	24.6	1.22
F14	13 Feb 2018	18	15.70	83.26	8.2	33.49	8.2	24.7	1.38
F14	13 Feb 2018	19	15.68	83.50	8.2	33.48	8.2	24.7	1.35
F14	13 Feb 2018	20	15.65	83.40	8.2	33.48	8.2	24.7	1.21
F14	13 Feb 2018	21	15.62	83.25	8.2	33.48	8.2	24.7	1.17
F14	13 Feb 2018	22	15.51	83.31	8.1	33.48	8.2	24.7	1.19
F14	13 Feb 2018	23	15.39	83.19	8.1	33.48	8.2	24.7	1.18
F14	13 Feb 2018	24	15.31	83.51	7.9	33.48	8.2	24.7	1.06
F14	13 Feb 2018	25	15.06	83.80	7.8	33.48	8.2	24.8	0.88
F14	13 Feb 2018	26	14.97	84.31	7.7	33.47	8.2	24.8	0.78
F14	13 Feb 2018	27	14.81	84.04	7.7	33.47	8.2	24.8	0.78
F14	13 Feb 2018	28	14.68	84.29	7.7	33.46	8.2	24.9	0.84
F14	13 Feb 2018	29	14.48	84.70	7.8	33.46	8.1	24.9	1.05
F14	13 Feb 2018	30	14.36	85.01	7.6	33.46	8.1	24.9	1.21
F14	13 Feb 2018	31	14.26	84.67	7.4	33.46	8.1	24.9	2.26
F14	13 Feb 2018	32	14.20	84.73	7.4	33.45	8.1	25.0	2.13
F14	13 Feb 2018	33	14.15	84.79	7.4	33.45	8.1	25.0	2.33
F14	13 Feb 2018	34	14.11	84.48	7.4	33.45	8.1	25.0	2.14
F14	13 Feb 2018	35	14.05	84.46	7.3	33.45	8.1	25.0	1.76
F14	13 Feb 2018	36	13.98	84.56	7.2	33.45	8.1	25.0	1.79
F14	13 Feb 2018	37	13.93	84.64	7.1	33.45	8.1	25.0	1.47
F14	13 Feb 2018	38	13.82	85.13	7.0	33.46	8.1	25.0	1.35
F14	13 Feb 2018	39	13.74	85.14	6.9	33.46	8.1	25.0	2.01
F14	13 Feb 2018	40	13.70	85.28	6.8	33.45	8.1	25.1	1.58
F14	13 Feb 2018	41	13.63	85.02	6.8	33.46	8.1	25.1	1.46
F14	13 Feb 2018	42	13.56	85.50	6.7	33.46	8.1	25.1	1.26
F14	13 Feb 2018	43	13.40	85.59	6.6	33.46	8.1	25.1	0.83
F14	13 Feb 2018	44	13.24	85.65	6.4	33.46	8.0	25.2	0.64
F14	13 Feb 2018	45	13.12	85.73	6.4	33.46	8.0	25.2	0.66
F14	13 Feb 2018	46	13.07	85.66	6.3	33.46	8.0	25.2	0.57
F14	13 Feb 2018	47	13.05	85.60	6.3	33.45	8.0	25.2	0.51
F14	13 Feb 2018	48	13.01	85.82	6.3	33.46	8.0	25.2	0.48
F14	13 Feb 2018	49	12.98	85.74	6.2	33.46	8.0	25.2	0.45
F14	13 Feb 2018	50	12.95	85.71	6.2	33.46	8.0	25.2	0.52
F14	13 Feb 2018	51	12.92	85.67	6.2	33.46	8.0	25.2	0.45
F14	13 Feb 2018	52	12.84	85.37	6.1	33.47	8.0	25.2	0.45
F14	13 Feb 2018	53	12.69	84.96	6.0	33.47	8.0	25.3	0.41
F14	13 Feb 2018	54	12.53	84.82	5.9	33.48	8.0	25.3	0.40
F14	13 Feb 2018	55	12.48	84.61	5.8	33.48	8.0	25.3	0.40
F14	13 Feb 2018	56	12.48	84.51	5.8	33.47	8.0	25.3	0.44
F14	13 Feb 2018	57	12.50	84.39	5.8	33.47	8.0	25.3	0.44
F14	13 Feb 2018	58	12.44	84.21	5.8	33.48	8.0	25.3	0.42
F14	13 Feb 2018	59	12.44	84.13	5.8	33.48	8.0	25.3	0.41
F14	13 Feb 2018	60	12.44	84.01	5.8	33.48	8.0	25.3	0.43
F14	13 Feb 2018	61	12.43	83.93	5.8	33.48	8.0	25.3	0.40
F14	13 Feb 2018	62	12.43	83.84	5.8	33.48	8.0	25.3	0.43
F15	14 Feb 2018	1	16.54	86.26	8.0	33.53	8.2	24.5	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F15	14 Feb 2018	2	16.39	86.12	8.0	33.54	8.2	24.5	0.16
F15	14 Feb 2018	3	16.29	85.90	8.0	33.54	8.2	24.6	0.17
F15	14 Feb 2018	4	16.25	85.75	8.0	33.53	8.2	24.6	0.19
F15	14 Feb 2018	5	16.23	85.72	8.0	33.53	8.2	24.6	0.22
F15	14 Feb 2018	6	16.21	85.66	8.0	33.53	8.2	24.6	0.23
F15	14 Feb 2018	7	16.20	85.63	8.0	33.53	8.2	24.6	0.26
F15	14 Feb 2018	8	16.20	85.58	8.0	33.53	8.2	24.6	0.27
F15	14 Feb 2018	9	16.19	85.60	8.0	33.53	8.2	24.6	0.29
F15	14 Feb 2018	10	16.19	85.57	8.0	33.53	8.2	24.6	0.32
F15	14 Feb 2018	11	16.18	85.61	8.1	33.53	8.2	24.6	0.33
F15	14 Feb 2018	12	16.17	85.47	8.1	33.53	8.2	24.6	0.35
F15	14 Feb 2018	13	16.17	85.40	8.0	33.53	8.2	24.6	0.37
F15	14 Feb 2018	14	16.15	85.42	8.0	33.53	8.2	24.6	0.41
F15	14 Feb 2018	15	16.15	85.42	8.0	33.53	8.2	24.6	0.43
F15	14 Feb 2018	16	16.15	85.43	8.0	33.53	8.2	24.6	0.46
F15	14 Feb 2018	17	16.13	85.39	8.0	33.53	8.2	24.6	0.48
F15	14 Feb 2018	18	16.11	85.42	8.1	33.53	8.2	24.6	0.52
F15	14 Feb 2018	19	16.10	85.39	8.1	33.53	8.2	24.6	0.55
F15	14 Feb 2018	20	16.06	85.44	8.1	33.53	8.2	24.6	0.61
F15	14 Feb 2018	21	15.99	85.34	8.1	33.52	8.2	24.6	0.70
F15	14 Feb 2018	22	15.94	85.22	8.1	33.52	8.2	24.6	0.77
F15	14 Feb 2018	23	15.86	84.98	8.0	33.51	8.2	24.6	0.81
F15	14 Feb 2018	24	15.49	84.89	8.0	33.50	8.2	24.7	0.96
F15	14 Feb 2018	25	15.24	84.59	8.1	33.47	8.2	24.7	1.15
F15	14 Feb 2018	26	15.19	84.20	8.1	33.47	8.2	24.8	1.25
F15	14 Feb 2018	27	15.15	84.07	8.1	33.47	8.2	24.8	1.34
F15	14 Feb 2018	28	15.09	83.96	8.1	33.47	8.2	24.8	1.46
F15	14 Feb 2018	29	15.03	83.95	8.1	33.46	8.1	24.8	1.54
F15	14 Feb 2018	30	15.00	83.85	8.1	33.46	8.1	24.8	1.56
F15	14 Feb 2018	31	14.86	83.87	8.0	33.47	8.1	24.8	1.72
F15	14 Feb 2018	32	14.76	83.59	8.0	33.46	8.1	24.8	2.01
F15	14 Feb 2018	33	14.73	83.10	8.0	33.45	8.1	24.8	2.32
F15	14 Feb 2018	34	14.72	82.97	8.0	33.45	8.1	24.8	2.52
F15	14 Feb 2018	35	14.70	82.83	8.0	33.45	8.1	24.8	2.55
F15	14 Feb 2018	36	14.68	82.71	7.9	33.45	8.1	24.8	2.55
F15	14 Feb 2018	37	14.56	82.73	7.9	33.45	8.1	24.9	2.76
F15	14 Feb 2018	38	14.49	82.38	7.8	33.45	8.1	24.9	2.93
F15	14 Feb 2018	39	14.46	82.46	7.8	33.45	8.1	24.9	2.75
F15	14 Feb 2018	40	14.30	83.18	7.6	33.46	8.1	24.9	2.12
F15	14 Feb 2018	41	14.17	84.84	7.5	33.46	8.1	25.0	1.57
F15	14 Feb 2018	42	14.12	85.12	7.3	33.45	8.1	25.0	1.17
F15	14 Feb 2018	43	14.10	85.24	7.3	33.45	8.1	25.0	0.99
F15	14 Feb 2018	44	13.97	85.02	7.1	33.46	8.1	25.0	1.14
F15	14 Feb 2018	45	13.82	85.01	6.9	33.46	8.1	25.0	1.62
F15	14 Feb 2018	46	13.78	85.25	6.8	33.45	8.1	25.0	1.71
F15	14 Feb 2018	47	13.77	85.42	6.8	33.45	8.0	25.0	1.85
F15	14 Feb 2018	48	13.75	85.03	6.8	33.45	8.0	25.0	1.20
F15	14 Feb 2018	49	13.70	85.15	6.7	33.46	8.0	25.1	0.84
F15	14 Feb 2018	50	13.55	85.48	6.6	33.46	8.0	25.1	0.89
F15	14 Feb 2018	51	13.52	85.55	6.6	33.45	8.0	25.1	0.87
F15	14 Feb 2018	52	13.43	85.63	6.5	33.46	8.0	25.1	0.79
F15	14 Feb 2018	53	13.37	85.91	6.5	33.45	8.0	25.1	1.06
F15	14 Feb 2018	54	13.30	85.78	6.4	33.46	8.0	25.1	0.96
F15	14 Feb 2018	55	13.19	86.00	6.3	33.46	8.0	25.2	0.72
F15	14 Feb 2018	56	13.07	85.74	6.2	33.46	8.0	25.2	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F15	14 Feb 2018	57	13.00	85.43	6.2	33.46	8.0	25.2	0.74
F15	14 Feb 2018	58	12.98	85.15	6.1	33.46	8.0	25.2	0.73
F15	14 Feb 2018	59	12.95	85.07	6.1	33.47	8.0	25.2	0.57
F15	14 Feb 2018	60	12.91	85.03	6.1	33.47	8.0	25.2	0.47
F15	14 Feb 2018	61	12.87	85.01	6.0	33.47	8.0	25.2	0.45
F15	14 Feb 2018	62	12.84	85.13	6.0	33.47	8.0	25.2	0.55
F15	14 Feb 2018	63	12.79	85.25	6.0	33.47	8.0	25.2	0.49
F15	14 Feb 2018	64	12.78	85.18	6.0	33.47	8.0	25.3	0.45
F15	14 Feb 2018	65	12.77	85.25	6.0	33.47	8.0	25.3	0.44
F15	14 Feb 2018	66	12.75	85.17	6.0	33.47	8.0	25.3	0.44
F15	14 Feb 2018	67	12.69	85.25	5.9	33.48	8.0	25.3	1.41
F15	14 Feb 2018	68	12.62	85.25	5.9	33.48	8.0	25.3	1.26
F15	14 Feb 2018	69	12.49	85.17	5.7	33.49	8.0	25.3	0.60
F15	14 Feb 2018	70	12.28	85.05	5.6	33.50	7.9	25.4	0.39
F15	14 Feb 2018	71	12.22	84.73	5.6	33.50	7.9	25.4	0.36
F15	14 Feb 2018	72	12.21	84.96	5.5	33.51	7.9	25.4	0.35
F15	14 Feb 2018	73	12.19	84.96	5.5	33.51	7.9	25.4	0.35
F15	14 Feb 2018	74	12.11	84.85	5.4	33.52	7.9	25.4	0.34
F15	14 Feb 2018	75	11.99	84.53	5.4	33.53	7.9	25.4	0.32
F15	14 Feb 2018	76	11.94	83.99	5.3	33.53	7.9	25.5	0.31
F15	14 Feb 2018	77	11.90	83.60	5.3	33.54	7.9	25.5	0.31
F15	14 Feb 2018	78	11.87	83.48	5.2	33.54	7.9	25.5	0.31
F15	14 Feb 2018	79	11.83	83.04	5.2	33.54	7.9	25.5	0.31
F15	14 Feb 2018	80	11.77	82.79	5.2	33.55	7.9	25.5	0.31
F15	14 Feb 2018	81	11.74	82.67	5.2	33.55	7.9	25.5	0.29
F15	14 Feb 2018	82	11.73	82.59	5.2	33.55	7.9	25.5	0.30
F16	14 Feb 2018	1	16.30	85.96	8.0	33.53	8.2	24.6	0.20
F16	14 Feb 2018	2	16.24	85.84	8.0	33.53	8.2	24.6	0.19
F16	14 Feb 2018	3	16.18	85.79	8.1	33.53	8.2	24.6	0.21
F16	14 Feb 2018	4	16.17	85.61	8.0	33.53	8.2	24.6	0.22
F16	14 Feb 2018	5	16.16	85.64	8.0	33.53	8.2	24.6	0.25
F16	14 Feb 2018	6	16.15	85.54	8.0	33.53	8.2	24.6	0.26
F16	14 Feb 2018	7	16.14	85.55	8.1	33.53	8.2	24.6	0.27
F16	14 Feb 2018	8	16.13	85.50	8.1	33.53	8.2	24.6	0.29
F16	14 Feb 2018	9	16.11	85.54	8.0	33.53	8.2	24.6	0.30
F16	14 Feb 2018	10	16.10	85.44	8.1	33.53	8.2	24.6	0.31
F16	14 Feb 2018	11	16.09	85.49	8.0	33.53	8.2	24.6	0.33
F16	14 Feb 2018	12	16.08	85.50	8.1	33.53	8.2	24.6	0.33
F16	14 Feb 2018	13	16.08	85.31	8.1	33.53	8.2	24.6	0.36
F16	14 Feb 2018	14	16.08	85.45	8.0	33.53	8.2	24.6	0.38
F16	14 Feb 2018	15	16.07	85.46	8.1	33.53	8.2	24.6	0.39
F16	14 Feb 2018	16	16.05	85.42	8.1	33.53	8.2	24.6	0.42
F16	14 Feb 2018	17	16.04	85.37	8.1	33.52	8.2	24.6	0.43
F16	14 Feb 2018	18	16.04	85.42	8.1	33.52	8.2	24.6	0.45
F16	14 Feb 2018	19	16.03	85.39	8.1	33.52	8.2	24.6	0.46
F16	14 Feb 2018	20	16.03	85.48	8.1	33.52	8.2	24.6	0.49
F16	14 Feb 2018	21	16.02	85.45	8.1	33.52	8.2	24.6	0.49
F16	14 Feb 2018	22	16.01	85.40	8.1	33.52	8.2	24.6	0.50
F16	14 Feb 2018	23	15.99	85.44	8.1	33.52	8.2	24.6	0.54
F16	14 Feb 2018	24	15.97	85.32	8.1	33.52	8.2	24.6	0.59
F16	14 Feb 2018	25	15.90	85.32	8.0	33.52	8.2	24.6	0.66
F16	14 Feb 2018	26	15.73	85.23	8.0	33.51	8.2	24.7	0.79
F16	14 Feb 2018	27	15.38	84.91	8.1	33.48	8.2	24.7	0.93
F16	14 Feb 2018	28	15.28	84.70	8.1	33.47	8.2	24.7	1.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	14 Feb 2018	29	15.22	84.43	8.1	33.47	8.2	24.7	1.16
F16	14 Feb 2018	30	15.19	84.34	8.1	33.47	8.2	24.7	1.23
F16	14 Feb 2018	31	15.18	84.27	8.1	33.47	8.1	24.8	1.28
F16	14 Feb 2018	32	15.17	84.20	8.1	33.47	8.2	24.8	1.30
F16	14 Feb 2018	33	15.12	84.03	8.1	33.47	8.1	24.8	1.41
F16	14 Feb 2018	34	14.96	84.00	8.0	33.47	8.1	24.8	1.56
F16	14 Feb 2018	35	14.92	83.69	8.1	33.46	8.1	24.8	1.74
F16	14 Feb 2018	36	14.91	83.41	8.1	33.46	8.1	24.8	1.79
F16	14 Feb 2018	37	14.89	83.52	8.1	33.46	8.1	24.8	1.88
F16	14 Feb 2018	38	14.88	83.44	8.0	33.46	8.1	24.8	1.91
F16	14 Feb 2018	39	14.79	83.50	8.0	33.46	8.1	24.8	1.95
F16	14 Feb 2018	40	14.56	83.31	8.0	33.46	8.1	24.9	2.38
F16	14 Feb 2018	41	14.45	82.90	7.8	33.45	8.1	24.9	2.72
F16	14 Feb 2018	42	14.30	82.81	7.7	33.45	8.1	24.9	2.54
F16	14 Feb 2018	43	14.21	83.43	7.6	33.45	8.1	24.9	2.14
F16	14 Feb 2018	44	14.19	83.98	7.5	33.45	8.1	24.9	2.47
F16	14 Feb 2018	45	14.17	84.15	7.5	33.45	8.1	25.0	1.91
F16	14 Feb 2018	46	14.16	84.89	7.4	33.45	8.1	25.0	1.97
F16	14 Feb 2018	47	14.13	85.00	7.4	33.45	8.1	25.0	2.41
F16	14 Feb 2018	48	14.09	84.89	7.3	33.45	8.1	25.0	2.56
F16	14 Feb 2018	49	14.03	84.54	7.2	33.45	8.1	25.0	2.75
F16	14 Feb 2018	50	13.86	85.19	7.0	33.45	8.1	25.0	1.89
F16	14 Feb 2018	51	13.77	85.47	6.9	33.45	8.1	25.0	1.15
F16	14 Feb 2018	52	13.69	85.72	6.8	33.45	8.0	25.1	0.97
F16	14 Feb 2018	53	13.59	85.69	6.7	33.45	8.0	25.1	0.85
F16	14 Feb 2018	54	13.47	85.98	6.6	33.45	8.0	25.1	0.75
F16	14 Feb 2018	55	13.45	86.04	6.6	33.45	8.0	25.1	1.11
F16	14 Feb 2018	56	13.42	85.81	6.5	33.45	8.0	25.1	1.29
F16	14 Feb 2018	57	13.40	85.57	6.5	33.46	8.0	25.1	1.07
F16	14 Feb 2018	58	13.35	85.28	6.4	33.46	8.0	25.1	0.95
F16	14 Feb 2018	59	13.32	84.72	6.3	33.46	8.0	25.1	1.08
F16	14 Feb 2018	60	13.29	84.87	6.3	33.46	8.0	25.1	1.38
F16	14 Feb 2018	61	13.27	84.73	6.3	33.46	8.0	25.1	1.20
F16	14 Feb 2018	62	13.20	84.46	6.2	33.47	8.0	25.2	1.12
F16	14 Feb 2018	63	13.12	84.23	6.2	33.47	8.0	25.2	0.72
F16	14 Feb 2018	64	13.06	84.15	6.1	33.47	8.0	25.2	0.54
F16	14 Feb 2018	65	12.97	83.98	6.1	33.47	8.0	25.2	0.67
F16	14 Feb 2018	66	12.89	84.18	6.0	33.47	8.0	25.2	0.56
F16	14 Feb 2018	67	12.86	84.37	6.0	33.47	8.0	25.2	0.45
F16	14 Feb 2018	68	12.82	84.42	6.0	33.47	8.0	25.2	0.41
F16	14 Feb 2018	69	12.74	84.22	5.9	33.47	8.0	25.3	0.39
F16	14 Feb 2018	70	12.63	83.93	5.8	33.48	8.0	25.3	0.78
F16	14 Feb 2018	71	12.53	83.92	5.7	33.48	8.0	25.3	0.57
F16	14 Feb 2018	72	12.49	83.85	5.7	33.48	7.9	25.3	0.42
F16	14 Feb 2018	73	12.41	83.91	5.6	33.49	7.9	25.3	0.37
F16	14 Feb 2018	74	12.26	83.98	5.5	33.50	7.9	25.4	0.34
F16	14 Feb 2018	75	11.93	83.78	5.3	33.53	7.9	25.5	0.31
F16	14 Feb 2018	76	11.88	83.16	5.2	33.53	7.9	25.5	0.27
F16	14 Feb 2018	77	11.83	82.97	5.2	33.53	7.9	25.5	0.26
F16	14 Feb 2018	78	11.75	82.95	5.2	33.54	7.9	25.5	0.26
F16	14 Feb 2018	79	11.69	82.98	5.1	33.55	7.9	25.5	0.26
F16	14 Feb 2018	80	11.62	83.02	5.1	33.55	7.9	25.5	0.24
F16	14 Feb 2018	81	11.57	83.14	5.0	33.56	7.9	25.6	0.24
F16	14 Feb 2018	82	11.50	82.98	5.0	33.57	7.9	25.6	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F17	14 Feb 2018	1	16.24	85.90	8.1	33.52	8.2	24.6	0.18
F17	14 Feb 2018	2	16.17	85.89	8.1	33.52	8.2	24.6	0.17
F17	14 Feb 2018	3	16.11	85.78	8.1	33.52	8.2	24.6	0.18
F17	14 Feb 2018	4	16.08	85.61	8.1	33.52	8.2	24.6	0.21
F17	14 Feb 2018	5	16.08	85.52	8.1	33.52	8.2	24.6	0.21
F17	14 Feb 2018	6	16.08	85.57	8.1	33.52	8.2	24.6	0.22
F17	14 Feb 2018	7	16.08	85.50	8.1	33.52	8.2	24.6	0.23
F17	14 Feb 2018	8	16.07	85.46	8.1	33.52	8.2	24.6	0.25
F17	14 Feb 2018	9	16.05	85.45	8.1	33.52	8.2	24.6	0.26
F17	14 Feb 2018	10	16.04	85.31	8.1	33.52	8.2	24.6	0.28
F17	14 Feb 2018	11	16.03	85.41	8.1	33.52	8.2	24.6	0.29
F17	14 Feb 2018	12	16.02	85.27	8.1	33.52	8.2	24.6	0.32
F17	14 Feb 2018	13	16.01	85.45	8.1	33.52	8.2	24.6	0.34
F17	14 Feb 2018	14	16.00	85.41	8.1	33.52	8.2	24.6	0.36
F17	14 Feb 2018	15	16.00	85.41	8.1	33.52	8.2	24.6	0.37
F17	14 Feb 2018	16	15.99	85.36	8.1	33.52	8.2	24.6	0.40
F17	14 Feb 2018	17	15.98	85.46	8.1	33.52	8.2	24.6	0.43
F17	14 Feb 2018	18	15.97	85.44	8.1	33.51	8.2	24.6	0.46
F17	14 Feb 2018	19	15.94	85.30	8.1	33.51	8.2	24.6	0.48
F17	14 Feb 2018	20	15.92	85.43	8.1	33.51	8.2	24.6	0.51
F17	14 Feb 2018	21	15.91	85.41	8.1	33.51	8.2	24.6	0.55
F17	14 Feb 2018	22	15.89	85.38	8.1	33.51	8.2	24.6	0.58
F17	14 Feb 2018	23	15.81	85.33	8.1	33.50	8.2	24.6	0.66
F17	14 Feb 2018	24	15.71	85.18	8.1	33.50	8.2	24.7	0.74
F17	14 Feb 2018	25	15.43	84.90	8.2	33.49	8.2	24.7	0.86
F17	14 Feb 2018	26	15.25	84.66	8.2	33.48	8.2	24.7	1.00
F17	14 Feb 2018	27	15.16	84.51	8.2	33.47	8.2	24.8	1.10
F17	14 Feb 2018	28	15.08	84.31	8.2	33.47	8.2	24.8	1.16
F17	14 Feb 2018	29	14.92	84.25	8.1	33.47	8.1	24.8	1.35
F17	14 Feb 2018	30	14.80	84.03	8.0	33.46	8.1	24.8	1.63
F17	14 Feb 2018	31	14.68	83.90	7.9	33.46	8.1	24.9	1.79
F17	14 Feb 2018	32	14.62	83.83	7.9	33.45	8.1	24.9	2.13
F17	14 Feb 2018	33	14.54	83.36	7.8	33.46	8.1	24.9	2.46
F17	14 Feb 2018	34	14.41	83.10	7.7	33.45	8.1	24.9	2.54
F17	14 Feb 2018	35	14.38	83.24	7.6	33.45	8.1	24.9	2.44
F17	14 Feb 2018	36	14.36	83.77	7.6	33.45	8.1	24.9	2.34
F17	14 Feb 2018	37	14.34	83.99	7.6	33.45	8.1	24.9	2.59
F17	14 Feb 2018	38	14.31	84.27	7.6	33.45	8.1	24.9	2.43
F17	14 Feb 2018	39	14.29	84.52	7.6	33.45	8.1	24.9	1.98
F17	14 Feb 2018	40	14.28	84.42	7.6	33.45	8.1	24.9	1.73
F17	14 Feb 2018	41	14.28	84.56	7.5	33.45	8.1	24.9	1.85
F17	14 Feb 2018	42	14.27	84.64	7.5	33.45	8.1	24.9	2.34
F17	14 Feb 2018	43	14.25	84.60	7.5	33.45	8.1	24.9	2.51
F17	14 Feb 2018	44	14.22	84.78	7.5	33.45	8.1	24.9	1.83
F17	14 Feb 2018	45	14.19	85.02	7.5	33.45	8.1	25.0	1.89
F17	14 Feb 2018	46	14.13	84.66	7.4	33.46	8.1	25.0	2.09
F17	14 Feb 2018	47	14.03	84.90	7.2	33.45	8.1	25.0	2.75
F17	14 Feb 2018	48	13.98	84.86	7.2	33.45	8.1	25.0	3.03
F17	14 Feb 2018	49	13.95	85.24	7.1	33.45	8.1	25.0	3.27
F17	14 Feb 2018	50	13.83	84.69	6.9	33.46	8.1	25.0	2.14
F17	14 Feb 2018	51	13.65	85.25	6.7	33.46	8.0	25.1	1.70
F17	14 Feb 2018	52	13.64	85.08	6.7	33.46	8.0	25.1	1.70
F17	14 Feb 2018	53	13.63	85.05	6.7	33.45	8.0	25.1	1.37
F17	14 Feb 2018	54	13.63	84.93	6.7	33.45	8.0	25.1	1.62
F17	14 Feb 2018	55	13.63	84.98	6.6	33.46	8.0	25.1	1.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F17	14 Feb 2018	56	13.63	85.07	6.6	33.46	8.0	25.1	1.71
F17	14 Feb 2018	57	13.63	84.41	6.6	33.46	8.0	25.1	1.38
F17	14 Feb 2018	58	13.63	84.97	6.6	33.46	8.0	25.1	1.40
F17	14 Feb 2018	59	13.62	84.97	6.6	33.46	8.0	25.1	1.09
F17	14 Feb 2018	60	13.61	84.99	6.6	33.46	8.0	25.1	1.34
F17	14 Feb 2018	61	13.58	85.21	6.6	33.46	8.0	25.1	1.19
F17	14 Feb 2018	62	13.51	85.17	6.5	33.46	8.0	25.1	2.05
F17	14 Feb 2018	63	13.48	85.33	6.5	33.46	8.0	25.1	1.26
F17	14 Feb 2018	64	13.45	85.15	6.4	33.46	8.0	25.1	0.80
F17	14 Feb 2018	65	13.36	84.58	6.4	33.46	8.0	25.1	1.09
F17	14 Feb 2018	66	13.23	84.54	6.3	33.46	8.0	25.2	1.30
F17	14 Feb 2018	67	13.09	84.93	6.2	33.46	8.0	25.2	1.05
F17	14 Feb 2018	68	13.01	85.27	6.0	33.47	8.0	25.2	0.67
F17	14 Feb 2018	69	12.74	84.21	5.8	33.48	8.0	25.3	0.54
F17	14 Feb 2018	70	12.58	83.16	5.7	33.48	8.0	25.3	0.47
F17	14 Feb 2018	71	12.47	82.85	5.6	33.48	7.9	25.3	0.36
F17	14 Feb 2018	72	12.25	82.92	5.5	33.49	7.9	25.4	0.31
F17	14 Feb 2018	73	12.09	82.61	5.3	33.50	7.9	25.4	0.54
F17	14 Feb 2018	74	11.84	82.46	5.2	33.52	7.9	25.5	0.41
F17	14 Feb 2018	75	11.79	82.38	5.1	33.52	7.9	25.5	0.28
F17	14 Feb 2018	76	11.77	82.16	5.1	33.52	7.9	25.5	0.23
F17	14 Feb 2018	77	11.73	82.09	5.1	33.53	7.9	25.5	0.23
F17	14 Feb 2018	78	11.71	82.08	5.0	33.53	7.9	25.5	0.21
F17	14 Feb 2018	79	11.68	82.01	5.0	33.53	7.9	25.5	0.22
F17	14 Feb 2018	80	11.64	82.06	5.0	33.54	7.9	25.5	0.21
F17	14 Feb 2018	81	11.58	81.89	5.0	33.55	7.9	25.5	0.20
F17	14 Feb 2018	82	11.45	81.97	4.9	33.56	7.9	25.6	0.21
F17	14 Feb 2018	83	11.44	82.09	4.9	33.56	7.9	25.6	0.19
F18	14 Feb 2018	1	15.97	86.13	8.1	33.50	8.2	24.6	0.21
F18	14 Feb 2018	2	15.98	85.89	8.1	33.51	8.2	24.6	0.21
F18	14 Feb 2018	3	15.95	85.60	8.1	33.51	8.2	24.6	0.20
F18	14 Feb 2018	4	15.93	85.54	8.1	33.51	8.2	24.6	0.21
F18	14 Feb 2018	5	15.92	85.55	8.1	33.51	8.2	24.6	0.23
F18	14 Feb 2018	6	15.91	85.59	8.1	33.51	8.2	24.6	0.22
F18	14 Feb 2018	7	15.90	85.53	8.1	33.51	8.2	24.6	0.24
F18	14 Feb 2018	8	15.90	85.55	8.2	33.51	8.2	24.6	0.28
F18	14 Feb 2018	9	15.89	85.49	8.2	33.51	8.2	24.6	0.29
F18	14 Feb 2018	10	15.88	85.46	8.1	33.50	8.2	24.6	0.31
F18	14 Feb 2018	11	15.88	85.57	8.2	33.50	8.2	24.6	0.33
F18	14 Feb 2018	12	15.87	85.49	8.1	33.50	8.2	24.6	0.36
F18	14 Feb 2018	13	15.86	85.50	8.1	33.50	8.2	24.6	0.38
F18	14 Feb 2018	14	15.86	85.52	8.1	33.50	8.2	24.6	0.41
F18	14 Feb 2018	15	15.84	85.43	8.2	33.50	8.2	24.6	0.44
F18	14 Feb 2018	16	15.83	85.38	8.2	33.50	8.2	24.6	0.47
F18	14 Feb 2018	17	15.83	85.53	8.2	33.50	8.2	24.6	0.51
F18	14 Feb 2018	18	15.82	85.54	8.2	33.50	8.2	24.6	0.53
F18	14 Feb 2018	19	15.81	85.51	8.2	33.50	8.2	24.6	0.55
F18	14 Feb 2018	20	15.79	85.51	8.2	33.50	8.2	24.6	0.62
F18	14 Feb 2018	21	15.79	85.62	8.2	33.50	8.2	24.6	0.62
F18	14 Feb 2018	22	15.78	85.43	8.2	33.50	8.2	24.6	0.66
F18	14 Feb 2018	23	15.77	85.66	8.2	33.50	8.2	24.6	0.65
F18	14 Feb 2018	24	15.76	85.62	8.2	33.50	8.2	24.6	0.66
F18	14 Feb 2018	25	15.73	85.64	8.2	33.50	8.2	24.7	0.69
F18	14 Feb 2018	26	15.68	85.62	8.2	33.49	8.2	24.7	0.70

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F18	14 Feb 2018	27	15.59	85.65	8.2	33.49	8.2	24.7	0.73
F18	14 Feb 2018	28	15.52	85.52	8.2	33.49	8.2	24.7	0.78
F18	14 Feb 2018	29	15.41	85.61	8.1	33.48	8.2	24.7	0.86
F18	14 Feb 2018	30	15.13	85.55	8.1	33.48	8.2	24.8	1.00
F18	14 Feb 2018	31	14.94	85.55	8.0	33.47	8.1	24.8	1.09
F18	14 Feb 2018	32	14.75	85.39	7.9	33.47	8.1	24.8	1.14
F18	14 Feb 2018	33	14.58	85.48	7.8	33.46	8.1	24.9	1.10
F18	14 Feb 2018	34	14.57	85.37	7.8	33.46	8.1	24.9	1.00
F18	14 Feb 2018	35	14.54	85.61	7.8	33.45	8.1	24.9	0.97
F18	14 Feb 2018	36	14.36	85.48	7.7	33.46	8.1	24.9	1.05
F18	14 Feb 2018	37	14.30	85.87	7.5	33.46	8.1	24.9	0.93
F18	14 Feb 2018	38	14.23	85.61	7.4	33.46	8.1	24.9	0.90
F18	14 Feb 2018	39	14.14	84.67	7.3	33.46	8.1	25.0	1.13
F18	14 Feb 2018	40	14.11	85.39	7.2	33.46	8.1	25.0	0.96
F18	14 Feb 2018	41	14.10	85.21	7.2	33.46	8.1	25.0	1.09
F18	14 Feb 2018	42	14.07	85.04	7.1	33.46	8.1	25.0	0.87
F18	14 Feb 2018	43	14.06	84.82	7.0	33.46	8.1	25.0	1.33
F18	14 Feb 2018	44	13.94	84.34	6.9	33.46	8.1	25.0	1.53
F18	14 Feb 2018	45	13.87	84.52	6.9	33.46	8.1	25.0	1.04
F18	14 Feb 2018	46	13.85	84.58	6.8	33.46	8.1	25.0	1.18
F18	14 Feb 2018	47	13.83	84.75	6.8	33.46	8.0	25.0	1.43
F18	14 Feb 2018	48	13.81	85.01	6.8	33.46	8.0	25.0	1.27
F18	14 Feb 2018	49	13.77	84.82	6.8	33.46	8.0	25.0	1.23
F18	14 Feb 2018	50	13.76	84.63	6.7	33.46	8.0	25.0	1.58
F18	14 Feb 2018	51	13.73	84.19	6.7	33.46	8.0	25.1	1.93
F18	14 Feb 2018	52	13.71	84.87	6.7	33.46	8.0	25.1	1.07
F18	14 Feb 2018	53	13.70	84.68	6.7	33.46	8.0	25.1	0.74
F18	14 Feb 2018	54	13.67	85.21	6.7	33.46	8.0	25.1	0.73
F18	14 Feb 2018	55	13.65	85.46	6.7	33.46	8.0	25.1	1.26
F18	14 Feb 2018	56	13.65	85.44	6.7	33.46	8.0	25.1	1.25
F18	14 Feb 2018	57	13.64	85.34	6.7	33.46	8.0	25.1	0.80
F18	14 Feb 2018	58	13.62	85.32	6.6	33.46	8.0	25.1	0.73
F18	14 Feb 2018	59	13.61	85.37	6.6	33.46	8.0	25.1	0.93
F18	14 Feb 2018	60	13.47	85.23	6.5	33.46	8.0	25.1	0.74
F18	14 Feb 2018	61	13.39	85.47	6.4	33.46	8.0	25.1	0.86
F18	14 Feb 2018	62	13.29	85.50	6.3	33.46	8.0	25.1	0.69
F18	14 Feb 2018	63	13.22	85.42	6.3	33.46	8.0	25.2	0.54
F18	14 Feb 2018	64	13.20	85.28	6.3	33.46	8.0	25.2	0.45
F18	14 Feb 2018	65	13.17	85.21	6.2	33.46	8.0	25.2	0.42
F18	14 Feb 2018	66	13.08	84.89	6.2	33.47	8.0	25.2	0.41
F18	14 Feb 2018	67	13.01	84.88	6.1	33.46	8.0	25.2	0.40
F18	14 Feb 2018	68	12.96	84.72	6.0	33.47	8.0	25.2	0.40
F18	14 Feb 2018	69	12.78	84.65	5.9	33.48	8.0	25.3	0.38
F18	14 Feb 2018	70	12.68	83.51	5.8	33.48	8.0	25.3	0.36
F18	14 Feb 2018	71	12.60	81.85	5.6	33.48	8.0	25.3	0.34
F18	14 Feb 2018	72	12.49	80.21	5.5	33.48	7.9	25.3	0.33
F18	14 Feb 2018	73	12.41	79.78	5.5	33.49	7.9	25.3	0.46
F18	14 Feb 2018	74	12.29	80.57	5.4	33.49	7.9	25.4	0.42
F18	14 Feb 2018	75	12.20	80.58	5.3	33.50	7.9	25.4	0.31
F18	14 Feb 2018	76	12.09	79.60	5.2	33.51	7.9	25.4	0.29
F18	14 Feb 2018	77	11.93	79.38	5.1	33.52	7.9	25.5	0.27
F18	14 Feb 2018	78	11.80	79.67	5.1	33.52	7.9	25.5	0.23
F18	14 Feb 2018	79	11.71	79.64	5.0	33.53	7.9	25.5	0.22
F18	14 Feb 2018	80	11.67	78.58	4.9	33.53	7.9	25.5	0.21
F18	14 Feb 2018	81	11.55	77.03	4.9	33.55	7.9	25.5	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F18	14 Feb 2018	82	11.45	75.33	4.8	33.55	7.9	25.6	0.22
F18	14 Feb 2018	83	11.45	75.83	4.8	33.56	7.9	25.6	0.21
F19	14 Feb 2018	1	16.05	86.08	8.1	33.51	8.2	24.6	0.24
F19	14 Feb 2018	2	16.03	86.07	8.1	33.51	8.2	24.6	0.25
F19	14 Feb 2018	3	15.97	85.85	8.1	33.51	8.2	24.6	0.25
F19	14 Feb 2018	4	15.94	85.70	8.1	33.51	8.2	24.6	0.27
F19	14 Feb 2018	5	15.93	85.30	8.1	33.51	8.2	24.6	0.30
F19	14 Feb 2018	6	15.92	85.20	8.1	33.51	8.2	24.6	0.34
F19	14 Feb 2018	7	15.92	85.20	8.1	33.51	8.2	24.6	0.38
F19	14 Feb 2018	8	15.91	85.15	8.1	33.51	8.2	24.6	0.42
F19	14 Feb 2018	9	15.91	85.20	8.2	33.51	8.2	24.6	0.46
F19	14 Feb 2018	10	15.90	85.09	8.1	33.51	8.2	24.6	0.47
F19	14 Feb 2018	11	15.90	85.13	8.1	33.51	8.2	24.6	0.50
F19	14 Feb 2018	12	15.90	85.29	8.2	33.51	8.2	24.6	0.53
F19	14 Feb 2018	13	15.89	85.27	8.2	33.51	8.2	24.6	0.54
F19	14 Feb 2018	14	15.89	85.29	8.2	33.51	8.2	24.6	0.58
F19	14 Feb 2018	15	15.89	85.29	8.1	33.51	8.2	24.6	0.59
F19	14 Feb 2018	16	15.89	85.23	8.1	33.51	8.2	24.6	0.60
F19	14 Feb 2018	17	15.88	85.33	8.1	33.51	8.2	24.6	0.62
F19	14 Feb 2018	18	15.82	85.24	8.1	33.51	8.2	24.6	0.69
F19	14 Feb 2018	19	15.72	85.19	8.1	33.50	8.2	24.7	0.74
F19	14 Feb 2018	20	15.55	85.08	8.2	33.49	8.2	24.7	0.80
F19	14 Feb 2018	21	15.42	85.05	8.2	33.49	8.2	24.7	0.88
F19	14 Feb 2018	22	15.37	85.03	8.2	33.48	8.2	24.7	0.91
F19	14 Feb 2018	23	15.22	85.09	8.1	33.48	8.2	24.8	0.95
F19	14 Feb 2018	24	14.98	85.21	8.1	33.47	8.2	24.8	0.97
F19	14 Feb 2018	25	14.92	85.29	8.1	33.47	8.1	24.8	1.02
F19	14 Feb 2018	26	14.88	85.22	8.1	33.46	8.1	24.8	1.04
F19	14 Feb 2018	27	14.88	85.35	8.1	33.46	8.1	24.8	1.12
F19	14 Feb 2018	28	14.88	85.45	8.1	33.46	8.1	24.8	1.06
F19	14 Feb 2018	29	14.88	85.33	8.0	33.46	8.1	24.8	1.09
F19	14 Feb 2018	30	14.75	85.37	8.0	33.47	8.1	24.8	1.08
F19	14 Feb 2018	31	14.65	85.34	7.8	33.47	8.1	24.9	1.02
F19	14 Feb 2018	32	14.52	85.58	7.8	33.46	8.1	24.9	0.97
F19	14 Feb 2018	33	14.49	85.71	7.7	33.46	8.1	24.9	0.93
F19	14 Feb 2018	34	14.46	85.59	7.7	33.46	8.1	24.9	0.95
F19	14 Feb 2018	35	14.44	85.36	7.7	33.46	8.1	24.9	0.96
F19	14 Feb 2018	36	14.43	85.40	7.7	33.46	8.1	24.9	1.19
F19	14 Feb 2018	37	14.40	85.53	7.6	33.46	8.1	24.9	1.00
F19	14 Feb 2018	38	14.33	85.18	7.4	33.46	8.1	24.9	0.83
F19	14 Feb 2018	39	14.22	84.62	7.2	33.47	8.1	25.0	0.98
F19	14 Feb 2018	40	14.11	84.54	7.1	33.46	8.1	25.0	1.71
F19	14 Feb 2018	41	14.03	84.61	7.0	33.46	8.1	25.0	1.82
F19	14 Feb 2018	42	13.99	84.77	7.0	33.46	8.1	25.0	1.27
F19	14 Feb 2018	43	13.96	84.59	7.0	33.46	8.1	25.0	1.38
F19	14 Feb 2018	44	13.94	84.70	7.0	33.46	8.1	25.0	1.38
F19	14 Feb 2018	45	13.94	84.64	7.0	33.46	8.1	25.0	1.68
F19	14 Feb 2018	46	13.90	84.68	6.9	33.46	8.1	25.0	2.35
F19	14 Feb 2018	47	13.82	84.87	6.9	33.46	8.1	25.0	2.23
F19	14 Feb 2018	48	13.78	85.25	6.8	33.46	8.0	25.0	2.20
F19	14 Feb 2018	49	13.76	85.00	6.8	33.46	8.0	25.0	1.84
F19	14 Feb 2018	50	13.75	85.09	6.8	33.46	8.0	25.0	1.04
F19	14 Feb 2018	51	13.72	84.96	6.7	33.46	8.0	25.1	1.28
F19	14 Feb 2018	52	13.69	85.06	6.7	33.46	8.0	25.1	1.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F19	14 Feb 2018	53	13.65	85.01	6.7	33.46	8.0	25.1	0.77
F19	14 Feb 2018	54	13.62	85.19	6.6	33.46	8.0	25.1	0.99
F19	14 Feb 2018	55	13.52	84.98	6.6	33.46	8.0	25.1	0.83
F19	14 Feb 2018	56	13.44	85.15	6.5	33.46	8.0	25.1	0.69
F19	14 Feb 2018	57	13.40	85.11	6.5	33.46	8.0	25.1	0.65
F19	14 Feb 2018	58	13.35	85.21	6.4	33.46	8.0	25.1	0.54
F19	14 Feb 2018	59	13.20	85.28	6.3	33.47	8.0	25.2	0.56
F19	14 Feb 2018	60	13.04	84.81	6.2	33.47	8.0	25.2	0.48
F19	14 Feb 2018	61	12.89	83.60	6.0	33.47	8.0	25.2	0.43
F19	14 Feb 2018	62	12.86	83.03	6.0	33.47	8.0	25.2	0.40
F19	14 Feb 2018	63	12.83	82.49	5.9	33.47	8.0	25.2	0.43
F19	14 Feb 2018	64	12.75	82.10	5.8	33.48	8.0	25.3	0.50
F19	14 Feb 2018	65	12.57	81.04	5.7	33.48	8.0	25.3	0.41
F19	14 Feb 2018	66	12.44	80.60	5.5	33.48	7.9	25.3	0.37
F19	14 Feb 2018	67	12.32	80.53	5.4	33.49	7.9	25.4	0.31
F19	14 Feb 2018	68	12.25	80.41	5.4	33.49	7.9	25.4	0.29
F19	14 Feb 2018	69	12.25	80.12	5.4	33.49	7.9	25.4	0.29
F19	14 Feb 2018	70	12.24	79.51	5.3	33.49	7.9	25.4	0.28
F19	14 Feb 2018	71	12.22	78.94	5.3	33.49	7.9	25.4	0.29
F19	14 Feb 2018	72	12.20	78.49	5.3	33.49	7.9	25.4	0.29
F19	14 Feb 2018	73	12.13	77.81	5.2	33.50	7.9	25.4	0.29
F19	14 Feb 2018	74	12.07	76.79	5.1	33.50	7.9	25.4	0.31
F19	14 Feb 2018	75	11.98	74.27	5.0	33.50	7.9	25.4	0.37
F19	14 Feb 2018	76	11.92	73.67	5.0	33.50	7.9	25.4	0.49
F19	14 Feb 2018	77	11.83	72.67	4.9	33.51	7.9	25.5	0.38
F19	14 Feb 2018	78	11.77	72.84	4.9	33.52	7.9	25.5	0.30
F19	14 Feb 2018	79	11.75	73.39	4.9	33.52	7.9	25.5	0.28
F19	14 Feb 2018	80	11.73	73.19	4.8	33.52	7.9	25.5	0.26
F19	14 Feb 2018	81	11.72	73.10	4.8	33.52	7.9	25.5	0.26
F19	14 Feb 2018	82	11.71	73.09	4.8	33.53	7.9	25.5	0.25
F19	14 Feb 2018	83	11.71	72.80	4.8	33.53	7.9	25.5	0.26
F19	14 Feb 2018	84	11.71	72.79	4.8	33.53	7.9	25.5	0.26
F20	14 Feb 2018	1	16.06	86.20	8.1	33.50	8.2	24.6	0.18
F20	14 Feb 2018	2	16.00	86.01	8.1	33.51	8.2	24.6	0.18
F20	14 Feb 2018	3	15.93	85.73	8.1	33.51	8.2	24.6	0.18
F20	14 Feb 2018	4	15.92	85.70	8.1	33.51	8.2	24.6	0.20
F20	14 Feb 2018	5	15.90	85.36	8.1	33.51	8.2	24.6	0.23
F20	14 Feb 2018	6	15.89	85.38	8.1	33.50	8.2	24.6	0.27
F20	14 Feb 2018	7	15.89	85.39	8.1	33.50	8.2	24.6	0.33
F20	14 Feb 2018	8	15.89	85.42	8.1	33.50	8.2	24.6	0.34
F20	14 Feb 2018	9	15.89	85.33	8.1	33.50	8.2	24.6	0.36
F20	14 Feb 2018	10	15.89	85.39	8.1	33.50	8.2	24.6	0.39
F20	14 Feb 2018	11	15.88	85.38	8.1	33.50	8.2	24.6	0.43
F20	14 Feb 2018	12	15.88	85.35	8.1	33.50	8.2	24.6	0.43
F20	14 Feb 2018	13	15.87	85.08	8.1	33.50	8.2	24.6	0.48
F20	14 Feb 2018	14	15.87	85.20	8.1	33.50	8.2	24.6	0.54
F20	14 Feb 2018	15	15.83	85.23	8.1	33.50	8.2	24.6	0.55
F20	14 Feb 2018	16	15.68	85.36	8.1	33.50	8.2	24.7	0.60
F20	14 Feb 2018	17	15.56	85.39	8.1	33.49	8.2	24.7	0.65
F20	14 Feb 2018	18	15.38	85.34	8.1	33.49	8.2	24.7	0.68
F20	14 Feb 2018	19	15.30	85.24	8.2	33.48	8.2	24.7	0.71
F20	14 Feb 2018	20	15.23	85.17	8.1	33.48	8.2	24.7	0.75
F20	14 Feb 2018	21	15.05	85.48	8.1	33.48	8.2	24.8	0.75
F20	14 Feb 2018	22	14.94	85.51	8.2	33.47	8.2	24.8	0.77

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F20	14 Feb 2018	23	14.92	85.42	8.2	33.46	8.2	24.8	0.80
F20	14 Feb 2018	24	14.90	85.58	8.1	33.46	8.1	24.8	0.86
F20	14 Feb 2018	25	14.82	85.56	8.0	33.47	8.1	24.8	0.89
F20	14 Feb 2018	26	14.58	85.40	7.8	33.47	8.1	24.9	0.99
F20	14 Feb 2018	27	14.40	84.40	7.5	33.47	8.1	24.9	0.97
F20	14 Feb 2018	28	14.31	84.97	7.3	33.46	8.1	24.9	0.80
F20	14 Feb 2018	29	14.29	84.64	7.2	33.46	8.1	24.9	1.22
F20	14 Feb 2018	30	14.18	84.53	7.2	33.46	8.1	25.0	1.15
F20	14 Feb 2018	31	14.10	84.31	7.1	33.46	8.1	25.0	0.93
F20	14 Feb 2018	32	14.09	84.86	7.1	33.46	8.1	25.0	0.91
F20	14 Feb 2018	33	14.06	84.72	7.1	33.46	8.1	25.0	1.33
F20	14 Feb 2018	34	14.04	84.62	7.0	33.46	8.1	25.0	1.29
F20	14 Feb 2018	35	14.01	84.71	7.0	33.46	8.1	25.0	1.92
F20	14 Feb 2018	36	13.97	84.74	7.0	33.46	8.1	25.0	1.78
F20	14 Feb 2018	37	13.94	84.88	7.0	33.46	8.1	25.0	1.38
F20	14 Feb 2018	38	13.93	84.67	7.0	33.46	8.1	25.0	1.30
F20	14 Feb 2018	39	13.92	84.62	7.0	33.46	8.1	25.0	1.02
F20	14 Feb 2018	40	13.89	84.33	7.0	33.46	8.1	25.0	1.07
F20	14 Feb 2018	41	13.87	84.67	7.0	33.46	8.1	25.0	0.95
F20	14 Feb 2018	42	13.83	84.86	6.9	33.46	8.1	25.0	1.24
F20	14 Feb 2018	43	13.81	84.85	6.9	33.45	8.1	25.0	1.51
F20	14 Feb 2018	44	13.79	84.69	6.9	33.45	8.1	25.0	1.54
F20	14 Feb 2018	45	13.66	84.75	6.8	33.46	8.0	25.1	2.55
F20	14 Feb 2018	46	13.61	84.96	6.7	33.46	8.0	25.1	1.36
F20	14 Feb 2018	47	13.59	85.54	6.7	33.46	8.0	25.1	0.94
F20	14 Feb 2018	48	13.58	85.56	6.6	33.46	8.0	25.1	1.26
F20	14 Feb 2018	49	13.57	85.44	6.6	33.46	8.0	25.1	1.22
F20	14 Feb 2018	50	13.56	85.45	6.6	33.46	8.0	25.1	0.87
F20	14 Feb 2018	51	13.55	85.32	6.6	33.46	8.0	25.1	0.78
F20	14 Feb 2018	52	13.54	85.25	6.6	33.46	8.0	25.1	1.04
F20	14 Feb 2018	53	13.53	85.49	6.6	33.46	8.0	25.1	0.81
F20	14 Feb 2018	54	13.51	85.45	6.6	33.46	8.0	25.1	2.10
F20	14 Feb 2018	55	13.49	85.53	6.6	33.46	8.0	25.1	2.66
F20	14 Feb 2018	56	13.48	85.44	6.6	33.46	8.0	25.1	1.92
F20	14 Feb 2018	57	13.47	85.36	6.6	33.46	8.0	25.1	1.17
F20	14 Feb 2018	58	13.47	84.99	6.6	33.46	8.0	25.1	1.29
F20	14 Feb 2018	59	13.46	85.42	6.5	33.46	8.0	25.1	1.87
F20	14 Feb 2018	60	13.42	85.13	6.5	33.46	8.0	25.1	1.02
F20	14 Feb 2018	61	13.41	84.51	6.4	33.46	8.0	25.1	0.64
F20	14 Feb 2018	62	13.37	84.03	6.4	33.46	8.0	25.1	1.32
F20	14 Feb 2018	63	13.31	83.88	6.3	33.47	8.0	25.1	0.98
F20	14 Feb 2018	64	13.16	83.23	6.2	33.47	8.0	25.2	0.60
F20	14 Feb 2018	65	13.11	82.44	6.1	33.47	8.0	25.2	0.46
F20	14 Feb 2018	66	13.07	82.25	6.1	33.47	8.0	25.2	0.57
F20	14 Feb 2018	67	13.05	82.09	6.1	33.47	8.0	25.2	0.58
F20	14 Feb 2018	68	13.03	82.36	6.1	33.46	8.0	25.2	0.48
F20	14 Feb 2018	69	12.98	82.80	6.0	33.47	8.0	25.2	0.52
F20	14 Feb 2018	70	12.89	82.50	5.9	33.47	8.0	25.2	0.57
F20	14 Feb 2018	71	12.76	80.71	5.8	33.48	8.0	25.3	1.02
F20	14 Feb 2018	72	12.68	79.56	5.7	33.48	8.0	25.3	0.67
F20	14 Feb 2018	73	12.60	78.94	5.6	33.48	8.0	25.3	0.45
F20	14 Feb 2018	74	12.34	76.92	5.5	33.50	7.9	25.4	0.56
F20	14 Feb 2018	75	12.22	75.00	5.4	33.50	7.9	25.4	0.58
F20	14 Feb 2018	76	12.16	73.99	5.3	33.50	7.9	25.4	0.39
F20	14 Feb 2018	77	12.13	73.46	5.3	33.50	7.9	25.4	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F20	14 Feb 2018	78	12.10	73.25	5.2	33.50	7.9	25.4	0.36
F20	14 Feb 2018	79	12.08	72.81	5.2	33.50	7.9	25.4	0.32
F20	14 Feb 2018	80	12.05	72.53	5.2	33.50	7.9	25.4	0.30
F20	14 Feb 2018	81	12.04	71.81	5.2	33.50	7.9	25.4	0.29
F20	14 Feb 2018	82	12.03	71.31	5.2	33.51	7.9	25.4	0.30
F20	14 Feb 2018	83	12.02	70.59	5.2	33.51	7.9	25.4	0.37
F21	14 Feb 2018	1	15.98	86.05	8.2	33.50	8.2	24.6	0.21
F21	14 Feb 2018	2	16.01	85.99	8.1	33.51	8.2	24.6	0.20
F21	14 Feb 2018	3	15.95	85.82	8.1	33.51	8.2	24.6	0.20
F21	14 Feb 2018	4	15.94	85.78	8.1	33.50	8.2	24.6	0.23
F21	14 Feb 2018	5	15.94	85.69	8.2	33.50	8.2	24.6	0.24
F21	14 Feb 2018	6	15.93	85.53	8.2	33.50	8.2	24.6	0.25
F21	14 Feb 2018	7	15.93	85.42	8.2	33.50	8.2	24.6	0.27
F21	14 Feb 2018	8	15.92	85.46	8.2	33.50	8.2	24.6	0.29
F21	14 Feb 2018	9	15.92	85.53	8.2	33.50	8.2	24.6	0.33
F21	14 Feb 2018	10	15.92	85.46	8.2	33.50	8.2	24.6	0.33
F21	14 Feb 2018	11	15.92	85.52	8.2	33.50	8.2	24.6	0.35
F21	14 Feb 2018	12	15.92	85.52	8.2	33.50	8.2	24.6	0.37
F21	14 Feb 2018	13	15.91	85.50	8.2	33.50	8.2	24.6	0.40
F21	14 Feb 2018	14	15.91	85.45	8.2	33.50	8.2	24.6	0.40
F21	14 Feb 2018	15	15.90	85.45	8.2	33.50	8.2	24.6	0.42
F21	14 Feb 2018	16	15.88	85.53	8.2	33.50	8.2	24.6	0.44
F21	14 Feb 2018	17	15.86	85.55	8.2	33.50	8.2	24.6	0.47
F21	14 Feb 2018	18	15.83	85.52	8.2	33.50	8.2	24.6	0.50
F21	14 Feb 2018	19	15.76	85.41	8.2	33.50	8.2	24.6	0.51
F21	14 Feb 2018	20	15.72	85.32	8.1	33.49	8.2	24.7	0.58
F21	14 Feb 2018	21	15.42	85.42	8.1	33.49	8.2	24.7	0.62
F21	14 Feb 2018	22	15.14	85.42	8.1	33.47	8.2	24.8	0.68
F21	14 Feb 2018	23	15.03	84.98	8.1	33.46	8.1	24.8	0.74
F21	14 Feb 2018	24	14.95	85.32	8.1	33.46	8.1	24.8	0.78
F21	14 Feb 2018	25	14.82	85.27	8.1	33.46	8.1	24.8	0.82
F21	14 Feb 2018	26	14.74	85.49	8.1	33.46	8.1	24.8	0.86
F21	14 Feb 2018	27	14.66	85.32	8.0	33.46	8.1	24.9	0.97
F21	14 Feb 2018	28	14.54	85.15	7.9	33.46	8.1	24.9	1.11
F21	14 Feb 2018	29	14.48	85.09	7.7	33.46	8.1	24.9	1.02
F21	14 Feb 2018	30	14.42	85.00	7.5	33.46	8.1	24.9	0.89
F21	14 Feb 2018	31	14.34	84.65	7.3	33.46	8.1	24.9	1.09
F21	14 Feb 2018	32	14.28	84.37	7.3	33.46	8.1	24.9	0.95
F21	14 Feb 2018	33	14.27	84.67	7.2	33.46	8.1	24.9	1.00
F21	14 Feb 2018	34	14.25	84.41	7.2	33.46	8.1	24.9	1.72
F21	14 Feb 2018	35	14.23	84.49	7.2	33.46	8.1	24.9	0.94
F21	14 Feb 2018	36	14.22	84.54	7.2	33.46	8.1	25.0	0.91
F21	14 Feb 2018	37	14.19	84.53	7.2	33.46	8.1	25.0	0.93
F21	14 Feb 2018	38	14.16	84.31	7.2	33.46	8.1	25.0	1.07
F21	14 Feb 2018	39	14.14	84.41	7.2	33.46	8.1	25.0	1.57
F21	14 Feb 2018	40	14.12	84.39	7.1	33.46	8.1	25.0	1.06
F21	14 Feb 2018	41	14.06	84.36	7.1	33.46	8.1	25.0	0.88
F21	14 Feb 2018	42	14.05	84.47	7.1	33.46	8.1	25.0	2.28
F21	14 Feb 2018	43	14.01	84.57	7.1	33.46	8.1	25.0	1.92
F21	14 Feb 2018	44	13.99	84.63	7.1	33.46	8.1	25.0	1.44
F21	14 Feb 2018	45	13.96	84.56	7.1	33.46	8.1	25.0	1.39
F21	14 Feb 2018	46	13.87	84.64	7.0	33.45	8.1	25.0	1.93
F21	14 Feb 2018	47	13.83	84.53	7.0	33.45	8.1	25.0	3.10
F21	14 Feb 2018	48	13.79	84.81	6.9	33.45	8.1	25.0	2.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F21	14 Feb 2018	49	13.59	84.99	6.7	33.46	8.0	25.1	1.95
F21	14 Feb 2018	50	13.45	84.94	6.6	33.46	8.0	25.1	2.86
F21	14 Feb 2018	51	13.41	85.41	6.5	33.46	8.0	25.1	1.66
F21	14 Feb 2018	52	13.38	85.75	6.5	33.46	8.0	25.1	1.30
F21	14 Feb 2018	53	13.33	85.90	6.5	33.46	8.0	25.1	1.39
F21	14 Feb 2018	54	13.26	86.00	6.4	33.46	8.0	25.1	0.84
F21	14 Feb 2018	55	13.21	85.99	6.4	33.46	8.0	25.2	0.87
F21	14 Feb 2018	56	13.17	85.93	6.4	33.46	8.0	25.2	0.73
F21	14 Feb 2018	57	13.17	86.01	6.4	33.46	8.0	25.2	0.59
F21	14 Feb 2018	58	13.16	85.98	6.4	33.46	8.0	25.2	1.04
F21	14 Feb 2018	59	13.16	86.04	6.3	33.46	8.0	25.2	1.42
F21	14 Feb 2018	60	13.16	86.07	6.3	33.46	8.0	25.2	0.78
F21	14 Feb 2018	61	13.15	86.09	6.3	33.46	8.0	25.2	1.00
F21	14 Feb 2018	62	13.15	86.11	6.3	33.46	8.0	25.2	0.87
F21	14 Feb 2018	63	13.13	85.89	6.3	33.46	8.0	25.2	0.74
F21	14 Feb 2018	64	13.13	85.92	6.3	33.46	8.0	25.2	0.60
F21	14 Feb 2018	65	13.07	85.97	6.3	33.46	8.0	25.2	0.98
F21	14 Feb 2018	66	13.05	86.13	6.3	33.46	8.0	25.2	1.05
F21	14 Feb 2018	67	13.03	86.10	6.2	33.46	8.0	25.2	0.76
F21	14 Feb 2018	68	13.01	86.13	6.2	33.46	8.0	25.2	0.60
F21	14 Feb 2018	69	12.97	86.00	6.2	33.46	8.0	25.2	0.57
F21	14 Feb 2018	70	12.92	86.13	6.1	33.46	8.0	25.2	0.52
F21	14 Feb 2018	71	12.84	86.15	6.1	33.47	8.0	25.2	0.52
F21	14 Feb 2018	72	12.74	86.04	6.0	33.47	8.0	25.3	0.47
F21	14 Feb 2018	73	12.67	85.48	5.9	33.47	8.0	25.3	0.46
F21	14 Feb 2018	74	12.60	85.18	5.9	33.47	8.0	25.3	0.42
F21	14 Feb 2018	75	12.53	83.91	5.8	33.48	8.0	25.3	0.41
F21	14 Feb 2018	76	12.47	82.59	5.8	33.48	8.0	25.3	0.42
F21	14 Feb 2018	77	12.45	82.36	5.8	33.48	8.0	25.3	0.40
F21	14 Feb 2018	78	12.40	81.86	5.7	33.48	7.9	25.3	0.40
F21	14 Feb 2018	79	12.38	81.04	5.7	33.48	7.9	25.3	0.38
F21	14 Feb 2018	80	12.35	80.75	5.7	33.48	7.9	25.3	0.44
F21	14 Feb 2018	81	12.33	79.89	5.6	33.48	7.9	25.3	0.43
F21	14 Feb 2018	82	12.30	79.33	5.6	33.49	7.9	25.4	0.40
F21	14 Feb 2018	83	12.29	78.74	5.6	33.49	7.9	25.4	0.37
F21	14 Feb 2018	84	12.27	78.15	5.6	33.49	7.9	25.4	0.37
F21	14 Feb 2018	85	12.26	77.75	5.6	33.49	7.9	25.4	0.36
F22	14 Feb 2018	1	15.93	86.07	8.2	33.50	8.2	24.6	0.16
F22	14 Feb 2018	2	15.91	85.84	8.2	33.50	8.2	24.6	0.16
F22	14 Feb 2018	3	15.90	85.15	8.2	33.50	8.2	24.6	0.16
F22	14 Feb 2018	4	15.89	85.77	8.2	33.50	8.2	24.6	0.19
F22	14 Feb 2018	5	15.89	85.65	8.2	33.50	8.2	24.6	0.23
F22	14 Feb 2018	6	15.89	85.37	8.2	33.50	8.2	24.6	0.24
F22	14 Feb 2018	7	15.89	85.41	8.2	33.50	8.2	24.6	0.27
F22	14 Feb 2018	8	15.89	85.45	8.2	33.50	8.2	24.6	0.27
F22	14 Feb 2018	9	15.88	85.37	8.2	33.50	8.2	24.6	0.31
F22	14 Feb 2018	10	15.88	85.48	8.2	33.50	8.2	24.6	0.32
F22	14 Feb 2018	11	15.88	85.48	8.2	33.50	8.2	24.6	0.33
F22	14 Feb 2018	12	15.87	85.37	8.2	33.50	8.2	24.6	0.36
F22	14 Feb 2018	13	15.87	85.22	8.2	33.50	8.2	24.6	0.38
F22	14 Feb 2018	14	15.86	85.34	8.2	33.50	8.2	24.6	0.39
F22	14 Feb 2018	15	15.86	85.51	8.2	33.50	8.2	24.6	0.43
F22	14 Feb 2018	16	15.85	85.35	8.2	33.50	8.2	24.6	0.45
F22	14 Feb 2018	17	15.83	85.33	8.2	33.50	8.2	24.6	0.46

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F22	14 Feb 2018	18	15.82	85.36	8.2	33.50	8.2	24.6	0.47
F22	14 Feb 2018	19	15.78	85.44	8.2	33.50	8.2	24.6	0.50
F22	14 Feb 2018	20	15.67	85.44	8.2	33.49	8.2	24.7	0.55
F22	14 Feb 2018	21	15.50	85.48	8.1	33.48	8.2	24.7	0.58
F22	14 Feb 2018	22	15.10	85.32	8.2	33.48	8.2	24.8	0.66
F22	14 Feb 2018	23	14.91	85.56	8.2	33.47	8.2	24.8	0.72
F22	14 Feb 2018	24	14.82	85.26	8.2	33.46	8.1	24.8	0.88
F22	14 Feb 2018	25	14.78	85.07	8.1	33.46	8.1	24.8	0.87
F22	14 Feb 2018	26	14.72	85.27	8.1	33.46	8.1	24.8	0.96
F22	14 Feb 2018	27	14.70	84.96	8.1	33.46	8.1	24.8	0.99
F22	14 Feb 2018	28	14.68	85.15	8.1	33.46	8.1	24.9	1.00
F22	14 Feb 2018	29	14.65	85.15	8.1	33.46	8.1	24.9	1.02
F22	14 Feb 2018	30	14.61	85.14	8.1	33.46	8.1	24.9	1.09
F22	14 Feb 2018	31	14.60	85.15	8.0	33.46	8.1	24.9	1.15
F22	14 Feb 2018	32	14.56	85.06	8.0	33.46	8.1	24.9	1.15
F22	14 Feb 2018	33	14.48	84.84	7.8	33.46	8.1	24.9	1.19
F22	14 Feb 2018	34	14.38	84.82	7.8	33.46	8.1	24.9	1.79
F22	14 Feb 2018	35	14.30	84.22	7.7	33.46	8.1	24.9	2.55
F22	14 Feb 2018	36	14.27	84.36	7.6	33.46	8.1	24.9	2.06
F22	14 Feb 2018	37	14.25	83.63	7.5	33.46	8.1	24.9	1.47
F22	14 Feb 2018	38	14.21	84.00	7.5	33.46	8.1	24.9	1.27
F22	14 Feb 2018	39	14.19	84.37	7.5	33.46	8.1	25.0	1.67
F22	14 Feb 2018	40	14.15	84.37	7.4	33.45	8.1	25.0	2.02
F22	14 Feb 2018	41	14.13	84.38	7.4	33.45	8.1	25.0	2.20
F22	14 Feb 2018	42	14.12	84.54	7.4	33.45	8.1	25.0	2.04
F22	14 Feb 2018	43	14.08	84.26	7.3	33.45	8.1	25.0	1.62
F22	14 Feb 2018	44	14.01	84.02	7.3	33.45	8.1	25.0	2.14
F22	14 Feb 2018	45	13.97	84.12	7.2	33.45	8.1	25.0	2.06
F22	14 Feb 2018	46	13.91	84.15	7.0	33.45	8.1	25.0	1.44
F22	14 Feb 2018	47	13.67	84.59	6.8	33.46	8.1	25.1	1.33
F22	14 Feb 2018	48	13.58	85.06	6.7	33.46	8.0	25.1	0.88
F22	14 Feb 2018	49	13.51	84.97	6.6	33.46	8.0	25.1	0.75
F22	14 Feb 2018	50	13.48	85.66	6.6	33.45	8.0	25.1	0.78
F22	14 Feb 2018	51	13.46	85.66	6.6	33.45	8.0	25.1	0.97
F22	14 Feb 2018	52	13.43	85.54	6.6	33.45	8.0	25.1	1.14
F22	14 Feb 2018	53	13.40	85.65	6.5	33.45	8.0	25.1	0.87
F22	14 Feb 2018	54	13.38	85.75	6.5	33.45	8.0	25.1	0.70
F22	14 Feb 2018	55	13.31	85.52	6.4	33.46	8.0	25.1	0.57
F22	14 Feb 2018	56	13.22	85.43	6.4	33.46	8.0	25.2	0.54
F22	14 Feb 2018	57	13.14	85.79	6.3	33.46	8.0	25.2	0.55
F22	14 Feb 2018	58	13.10	85.91	6.3	33.46	8.0	25.2	0.54
F22	14 Feb 2018	59	13.04	85.91	6.3	33.46	8.0	25.2	0.54
F22	14 Feb 2018	60	12.98	86.05	6.2	33.46	8.0	25.2	0.56
F22	14 Feb 2018	61	12.88	86.18	6.2	33.46	8.0	25.2	0.56
F22	14 Feb 2018	62	12.81	86.32	6.1	33.46	8.0	25.2	0.58
F22	14 Feb 2018	63	12.77	86.44	6.1	33.46	8.0	25.2	0.52
F22	14 Feb 2018	64	12.74	86.65	6.1	33.46	8.0	25.3	0.50
F22	14 Feb 2018	65	12.71	86.63	6.0	33.47	8.0	25.3	0.52
F22	14 Feb 2018	66	12.68	86.54	6.0	33.47	8.0	25.3	0.48
F22	14 Feb 2018	67	12.66	86.66	6.0	33.47	8.0	25.3	0.46
F22	14 Feb 2018	68	12.64	86.61	6.0	33.47	8.0	25.3	0.45
F22	14 Feb 2018	69	12.62	86.67	6.0	33.47	8.0	25.3	0.44
F22	14 Feb 2018	70	12.59	86.70	6.0	33.47	8.0	25.3	0.43
F22	14 Feb 2018	71	12.51	86.73	5.9	33.47	8.0	25.3	0.42
F22	14 Feb 2018	72	12.38	86.14	5.8	33.48	8.0	25.3	0.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F22	14 Feb 2018	73	12.33	85.51	5.8	33.48	8.0	25.3	0.40
F22	14 Feb 2018	74	12.32	85.50	5.8	33.48	7.9	25.3	0.37
F22	14 Feb 2018	75	12.32	85.43	5.8	33.48	7.9	25.3	0.38
F22	14 Feb 2018	76	12.31	85.04	5.8	33.48	7.9	25.3	0.37
F22	14 Feb 2018	77	12.30	84.78	5.7	33.48	7.9	25.4	0.37
F22	14 Feb 2018	78	12.25	84.10	5.7	33.48	7.9	25.4	0.38
F22	14 Feb 2018	79	12.21	82.91	5.6	33.49	7.9	25.4	0.37
F22	14 Feb 2018	80	12.14	81.78	5.6	33.49	7.9	25.4	0.36
F22	14 Feb 2018	81	12.09	79.55	5.5	33.49	7.9	25.4	0.35
F22	14 Feb 2018	82	12.05	76.41	5.5	33.50	7.9	25.4	0.41
F22	14 Feb 2018	83	12.02	74.31	5.5	33.50	7.9	25.4	0.40
F23	14 Feb 2018	1	15.82	86.07	8.1	33.50	8.2	24.6	0.27
F23	14 Feb 2018	2	15.79	86.13	8.1	33.50	8.2	24.6	0.26
F23	14 Feb 2018	3	15.77	86.00	8.1	33.50	8.2	24.6	0.27
F23	14 Feb 2018	4	15.75	85.87	8.2	33.50	8.2	24.6	0.29
F23	14 Feb 2018	5	15.75	85.82	8.1	33.50	8.2	24.6	0.30
F23	14 Feb 2018	6	15.74	85.65	8.1	33.50	8.2	24.6	0.34
F23	14 Feb 2018	7	15.74	85.70	8.1	33.50	8.2	24.7	0.34
F23	14 Feb 2018	8	15.73	85.60	8.2	33.49	8.2	24.7	0.49
F23	14 Feb 2018	9	15.73	85.61	8.2	33.50	8.2	24.7	0.39
F23	14 Feb 2018	10	15.72	85.68	8.2	33.50	8.2	24.7	0.38
F23	14 Feb 2018	11	15.72	85.58	8.1	33.50	8.2	24.7	0.39
F23	14 Feb 2018	12	15.71	85.71	8.2	33.50	8.2	24.7	0.40
F23	14 Feb 2018	13	15.71	85.63	8.2	33.50	8.2	24.7	0.42
F23	14 Feb 2018	14	15.70	85.68	8.2	33.50	8.2	24.7	0.47
F23	14 Feb 2018	15	15.70	85.70	8.1	33.50	8.2	24.7	0.59
F23	14 Feb 2018	16	15.69	85.67	8.1	33.50	8.2	24.7	0.62
F23	14 Feb 2018	17	15.68	85.44	8.2	33.50	8.2	24.7	0.57
F23	14 Feb 2018	18	15.65	85.66	8.2	33.49	8.2	24.7	0.57
F23	14 Feb 2018	19	15.62	85.73	8.2	33.49	8.2	24.7	0.61
F23	14 Feb 2018	20	15.60	85.69	8.2	33.49	8.2	24.7	0.65
F23	14 Feb 2018	21	15.59	85.44	8.1	33.49	8.2	24.7	0.68
F23	14 Feb 2018	22	15.45	85.51	8.1	33.49	8.2	24.7	0.69
F23	14 Feb 2018	23	15.37	85.50	8.1	33.48	8.2	24.7	0.76
F23	14 Feb 2018	24	15.30	85.51	8.1	33.48	8.2	24.7	0.77
F23	14 Feb 2018	25	15.11	85.56	8.1	33.48	8.2	24.8	0.84
F23	14 Feb 2018	26	14.81	85.42	8.1	33.47	8.1	24.8	0.92
F23	14 Feb 2018	27	14.76	85.26	8.1	33.46	8.1	24.8	1.04
F23	14 Feb 2018	28	14.75	85.18	8.1	33.45	8.1	24.8	1.06
F23	14 Feb 2018	29	14.72	85.14	8.0	33.46	8.1	24.8	1.10
F23	14 Feb 2018	30	14.65	85.14	8.0	33.45	8.1	24.9	1.14
F23	14 Feb 2018	31	14.53	85.09	7.8	33.46	8.1	24.9	1.32
F23	14 Feb 2018	32	14.31	84.49	7.7	33.45	8.1	24.9	1.51
F23	14 Feb 2018	33	14.19	83.81	7.5	33.45	8.1	25.0	1.97
F23	14 Feb 2018	34	14.13	84.38	7.5	33.45	8.1	25.0	2.28
F23	14 Feb 2018	35	14.09	84.38	7.4	33.45	8.1	25.0	1.90
F23	14 Feb 2018	36	14.02	84.37	7.3	33.45	8.1	25.0	1.77
F23	14 Feb 2018	37	13.92	84.25	7.2	33.45	8.1	25.0	1.61
F23	14 Feb 2018	38	13.84	83.39	7.0	33.46	8.1	25.0	1.64
F23	14 Feb 2018	39	13.78	83.52	6.9	33.46	8.1	25.0	2.59
F23	14 Feb 2018	40	13.70	84.55	6.9	33.46	8.1	25.1	3.64
F23	14 Feb 2018	41	13.64	84.78	6.9	33.45	8.1	25.1	3.33
F23	14 Feb 2018	42	13.59	84.78	6.9	33.45	8.1	25.1	2.38
F23	14 Feb 2018	43	13.57	84.98	6.9	33.45	8.0	25.1	2.04

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F23	14 Feb 2018	44	13.54	84.14	6.8	33.45	8.0	25.1	1.96
F23	14 Feb 2018	45	13.52	85.13	6.8	33.45	8.0	25.1	3.10
F23	14 Feb 2018	46	13.49	85.16	6.8	33.45	8.0	25.1	3.40
F23	14 Feb 2018	47	13.45	85.48	6.7	33.45	8.0	25.1	3.27
F23	14 Feb 2018	48	13.42	85.61	6.6	33.45	8.0	25.1	2.31
F23	14 Feb 2018	49	13.39	85.53	6.6	33.46	8.0	25.1	2.05
F23	14 Feb 2018	50	13.32	85.79	6.5	33.46	8.0	25.1	1.51
F23	14 Feb 2018	51	13.22	85.95	6.4	33.46	8.0	25.2	1.04
F23	14 Feb 2018	52	13.15	86.03	6.3	33.46	8.0	25.2	1.16
F23	14 Feb 2018	53	13.09	86.13	6.3	33.46	8.0	25.2	0.98
F23	14 Feb 2018	54	13.05	86.21	6.3	33.46	8.0	25.2	0.87
F23	14 Feb 2018	55	13.03	86.35	6.2	33.46	8.0	25.2	0.84
F23	14 Feb 2018	56	12.99	86.48	6.2	33.47	8.0	25.2	0.74
F23	14 Feb 2018	57	12.98	86.42	6.2	33.47	8.0	25.2	0.76
F23	14 Feb 2018	58	12.94	86.49	6.2	33.47	8.0	25.2	0.70
F23	14 Feb 2018	59	12.88	86.56	6.1	33.47	8.0	25.2	0.65
F23	14 Feb 2018	60	12.82	86.58	6.1	33.47	8.0	25.2	0.60
F23	14 Feb 2018	61	12.80	86.67	6.0	33.47	8.0	25.2	0.57
F23	14 Feb 2018	62	12.77	86.67	6.1	33.47	8.0	25.3	0.55
F23	14 Feb 2018	63	12.75	86.70	6.0	33.47	8.0	25.3	0.53
F23	14 Feb 2018	64	12.72	86.71	6.0	33.47	8.0	25.3	0.58
F23	14 Feb 2018	65	12.67	86.75	6.0	33.47	8.0	25.3	0.53
F23	14 Feb 2018	66	12.64	86.77	6.0	33.47	8.0	25.3	0.54
F23	14 Feb 2018	67	12.64	86.82	5.9	33.47	8.0	25.3	0.47
F23	14 Feb 2018	68	12.62	86.80	5.9	33.48	8.0	25.3	0.43
F23	14 Feb 2018	69	12.59	86.78	5.9	33.48	8.0	25.3	0.43
F23	14 Feb 2018	70	12.55	86.78	5.9	33.48	8.0	25.3	0.42
F23	14 Feb 2018	71	12.48	86.76	5.8	33.48	8.0	25.3	0.43
F23	14 Feb 2018	72	12.28	86.84	5.8	33.49	8.0	25.4	0.40
F23	14 Feb 2018	73	12.16	86.87	5.7	33.49	7.9	25.4	0.37
F23	14 Feb 2018	74	12.09	86.87	5.7	33.49	7.9	25.4	0.34
F23	14 Feb 2018	75	12.05	86.90	5.6	33.49	7.9	25.4	0.35
F23	14 Feb 2018	76	12.03	86.94	5.6	33.49	7.9	25.4	0.35
F23	14 Feb 2018	77	12.00	86.83	5.6	33.49	7.9	25.4	0.33
F23	14 Feb 2018	78	11.94	86.99	5.6	33.50	7.9	25.4	0.31
F23	14 Feb 2018	79	11.86	86.26	5.5	33.50	7.9	25.5	0.29
F23	14 Feb 2018	80	11.83	85.84	5.4	33.51	7.9	25.5	0.28
F23	14 Feb 2018	81	11.81	85.46	5.4	33.51	7.9	25.5	0.27
F23	14 Feb 2018	82	11.81	85.09	5.4	33.51	7.9	25.5	0.27
F23	14 Feb 2018	83	11.80	84.81	5.4	33.51	7.9	25.5	0.28
F24	14 Feb 2018	1	15.87	85.55	8.2	33.50	8.2	24.6	0.18
F24	14 Feb 2018	2	15.86	85.33	8.2	33.50	8.2	24.6	0.18
F24	14 Feb 2018	3	15.85	85.29	8.2	33.50	8.2	24.6	0.18
F24	14 Feb 2018	4	15.86	85.42	8.2	33.50	8.2	24.6	0.19
F24	14 Feb 2018	5	15.86	85.52	8.2	33.50	8.2	24.6	0.20
F24	14 Feb 2018	6	15.85	85.21	8.2	33.50	8.2	24.6	0.21
F24	14 Feb 2018	7	15.83	85.21	8.2	33.50	8.2	24.6	0.25
F24	14 Feb 2018	8	15.82	85.21	8.2	33.50	8.2	24.6	0.28
F24	14 Feb 2018	9	15.82	85.14	8.2	33.50	8.2	24.6	0.30
F24	14 Feb 2018	10	15.82	85.22	8.2	33.50	8.2	24.6	0.35
F24	14 Feb 2018	11	15.82	85.27	8.2	33.50	8.2	24.6	0.37
F24	14 Feb 2018	12	15.82	84.59	8.2	33.50	8.2	24.6	0.40
F24	14 Feb 2018	13	15.82	84.99	8.2	33.50	8.2	24.6	0.41
F24	14 Feb 2018	14	15.81	85.04	8.2	33.50	8.2	24.6	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	14 Feb 2018	15	15.80	85.22	8.2	33.50	8.2	24.6	0.54
F24	14 Feb 2018	16	15.79	85.17	8.2	33.50	8.2	24.6	0.52
F24	14 Feb 2018	17	15.78	85.08	8.2	33.50	8.2	24.6	0.52
F24	14 Feb 2018	18	15.77	84.93	8.2	33.50	8.2	24.6	0.56
F24	14 Feb 2018	19	15.75	85.05	8.2	33.49	8.2	24.6	0.61
F24	14 Feb 2018	20	15.74	84.82	8.2	33.49	8.2	24.6	0.64
F24	14 Feb 2018	21	15.72	84.83	8.2	33.49	8.2	24.7	0.61
F24	14 Feb 2018	22	15.70	84.85	8.2	33.49	8.2	24.7	0.61
F24	14 Feb 2018	23	15.67	84.92	8.2	33.49	8.2	24.7	0.66
F24	14 Feb 2018	24	15.66	84.83	8.2	33.49	8.2	24.7	0.65
F24	14 Feb 2018	25	15.55	84.72	8.2	33.49	8.2	24.7	0.69
F24	14 Feb 2018	26	15.30	84.97	8.2	33.48	8.2	24.7	0.74
F24	14 Feb 2018	27	15.05	84.74	8.2	33.47	8.2	24.8	0.86
F24	14 Feb 2018	28	14.96	84.76	8.2	33.46	8.2	24.8	0.96
F24	14 Feb 2018	29	14.93	84.33	8.2	33.46	8.1	24.8	1.03
F24	14 Feb 2018	30	14.89	84.39	8.2	33.46	8.1	24.8	1.02
F24	14 Feb 2018	31	14.88	84.37	8.2	33.46	8.1	24.8	1.04
F24	14 Feb 2018	32	14.87	84.38	8.1	33.46	8.1	24.8	1.06
F24	14 Feb 2018	33	14.86	84.45	8.1	33.46	8.1	24.8	1.03
F24	14 Feb 2018	34	14.84	84.39	8.1	33.46	8.1	24.8	1.02
F24	14 Feb 2018	35	14.82	84.30	8.1	33.46	8.1	24.8	0.99
F24	14 Feb 2018	36	14.70	84.35	8.1	33.46	8.1	24.9	1.11
F24	14 Feb 2018	37	14.64	84.13	8.0	33.46	8.1	24.9	1.19
F24	14 Feb 2018	38	14.61	83.80	8.0	33.46	8.1	24.9	1.75
F24	14 Feb 2018	39	14.55	83.45	8.0	33.46	8.1	24.9	2.15
F24	14 Feb 2018	40	14.48	82.48	7.9	33.46	8.1	24.9	2.18
F24	14 Feb 2018	41	14.43	82.11	7.9	33.46	8.1	24.9	2.69
F24	14 Feb 2018	42	14.33	81.68	7.8	33.46	8.1	24.9	3.15
F24	14 Feb 2018	43	14.21	81.15	7.7	33.46	8.1	25.0	3.21
F24	14 Feb 2018	44	14.10	81.61	7.5	33.46	8.1	25.0	3.84
F24	14 Feb 2018	45	13.91	81.93	7.4	33.45	8.1	25.0	6.23
F24	14 Feb 2018	46	13.80	81.25	7.2	33.45	8.1	25.0	5.84
F24	14 Feb 2018	47	13.77	81.19	7.0	33.46	8.1	25.0	3.57
F24	14 Feb 2018	48	13.70	82.86	6.9	33.46	8.1	25.1	2.56
F24	14 Feb 2018	49	13.64	83.93	6.8	33.46	8.0	25.1	1.89
F24	14 Feb 2018	50	13.60	84.31	6.8	33.46	8.0	25.1	1.86
F24	14 Feb 2018	51	13.52	84.81	6.7	33.46	8.0	25.1	1.56
F24	14 Feb 2018	52	13.44	85.35	6.6	33.46	8.0	25.1	1.33
F24	14 Feb 2018	53	13.30	85.36	6.5	33.46	8.0	25.1	0.97
F24	14 Feb 2018	54	13.18	85.75	6.4	33.46	8.0	25.2	0.96
F24	14 Feb 2018	55	13.13	85.98	6.3	33.46	8.0	25.2	1.00
F24	14 Feb 2018	56	13.07	85.89	6.3	33.46	8.0	25.2	0.97
F24	14 Feb 2018	57	13.04	86.07	6.2	33.46	8.0	25.2	1.03
F24	14 Feb 2018	58	13.00	86.11	6.2	33.47	8.0	25.2	0.85
F24	14 Feb 2018	59	12.97	86.22	6.2	33.47	8.0	25.2	0.75
F24	14 Feb 2018	60	12.91	86.16	6.2	33.47	8.0	25.2	0.71
F24	14 Feb 2018	61	12.87	86.29	6.1	33.47	8.0	25.2	0.74
F24	14 Feb 2018	62	12.85	86.34	6.1	33.46	8.0	25.2	0.66
F24	14 Feb 2018	63	12.83	86.41	6.1	33.46	8.0	25.2	0.68
F24	14 Feb 2018	64	12.81	86.42	6.1	33.47	8.0	25.2	0.57
F24	14 Feb 2018	65	12.77	86.44	6.1	33.47	8.0	25.3	0.52
F24	14 Feb 2018	66	12.73	86.42	6.0	33.47	8.0	25.3	0.49
F24	14 Feb 2018	67	12.72	86.53	6.0	33.47	8.0	25.3	0.47
F24	14 Feb 2018	68	12.71	86.43	6.0	33.47	8.0	25.3	0.48
F24	14 Feb 2018	69	12.68	86.49	6.0	33.47	8.0	25.3	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	14 Feb 2018	70	12.58	86.51	5.9	33.48	8.0	25.3	0.40
F24	14 Feb 2018	71	12.47	86.57	5.9	33.48	8.0	25.3	0.40
F24	14 Feb 2018	72	12.31	86.57	5.8	33.48	8.0	25.4	0.39
F24	14 Feb 2018	73	12.07	86.67	5.7	33.49	7.9	25.4	0.35
F24	14 Feb 2018	74	11.98	86.74	5.6	33.49	7.9	25.4	0.34
F24	14 Feb 2018	75	11.94	86.76	5.6	33.49	7.9	25.4	0.32
F24	14 Feb 2018	76	11.90	86.69	5.6	33.50	7.9	25.4	0.29
F24	14 Feb 2018	77	11.85	86.63	5.5	33.50	7.9	25.5	0.30
F24	14 Feb 2018	78	11.84	86.01	5.5	33.50	7.9	25.5	0.28
F24	14 Feb 2018	79	11.83	85.45	5.5	33.50	7.9	25.5	0.27
F24	14 Feb 2018	80	11.83	85.35	5.5	33.50	7.9	25.5	0.27
F24	14 Feb 2018	81	11.83	85.22	5.5	33.50	7.9	25.5	0.32
F24	14 Feb 2018	82	11.83	85.12	5.5	33.50	7.9	25.5	0.35
F24	14 Feb 2018	83	11.83	85.11	5.5	33.50	7.9	25.5	0.29
F25	14 Feb 2018	1	15.83	85.61	8.2	33.50	8.2	24.6	0.25
F25	14 Feb 2018	2	15.83	85.17	8.2	33.50	8.2	24.6	0.27
F25	14 Feb 2018	3	15.82	84.74	8.1	33.50	8.2	24.6	0.24
F25	14 Feb 2018	4	15.82	85.33	8.1	33.50	8.2	24.6	0.24
F25	14 Feb 2018	5	15.82	85.51	8.1	33.50	8.2	24.6	0.25
F25	14 Feb 2018	6	15.82	85.27	8.2	33.50	8.2	24.6	0.26
F25	14 Feb 2018	7	15.82	85.23	8.2	33.50	8.2	24.6	0.29
F25	14 Feb 2018	8	15.82	85.26	8.2	33.50	8.2	24.6	0.30
F25	14 Feb 2018	9	15.82	85.26	8.2	33.50	8.2	24.6	0.33
F25	14 Feb 2018	10	15.82	85.41	8.2	33.50	8.2	24.6	0.36
F25	14 Feb 2018	11	15.81	85.25	8.2	33.50	8.2	24.6	0.38
F25	14 Feb 2018	12	15.81	85.14	8.2	33.50	8.2	24.6	0.40
F25	14 Feb 2018	13	15.81	85.23	8.2	33.50	8.2	24.6	0.47
F25	14 Feb 2018	14	15.80	85.28	8.2	33.50	8.2	24.6	0.46
F25	14 Feb 2018	15	15.80	85.30	8.2	33.50	8.2	24.6	0.45
F25	14 Feb 2018	16	15.80	85.31	8.2	33.50	8.2	24.6	0.56
F25	14 Feb 2018	17	15.80	85.22	8.2	33.50	8.2	24.6	0.49
F25	14 Feb 2018	18	15.79	85.19	8.2	33.50	8.2	24.6	0.52
F25	14 Feb 2018	19	15.77	85.06	8.2	33.50	8.2	24.6	0.55
F25	14 Feb 2018	20	15.76	85.11	8.2	33.50	8.2	24.6	0.56
F25	14 Feb 2018	21	15.75	85.11	8.2	33.50	8.2	24.6	0.63
F25	14 Feb 2018	22	15.72	85.06	8.2	33.50	8.2	24.7	0.65
F25	14 Feb 2018	23	15.71	84.90	8.2	33.50	8.2	24.7	0.67
F25	14 Feb 2018	24	15.63	84.98	8.2	33.50	8.2	24.7	0.68
F25	14 Feb 2018	25	15.55	84.73	8.2	33.49	8.2	24.7	0.71
F25	14 Feb 2018	26	15.38	84.73	8.2	33.49	8.2	24.7	0.76
F25	14 Feb 2018	27	15.28	84.65	8.2	33.48	8.2	24.7	0.86
F25	14 Feb 2018	28	15.26	84.71	8.2	33.47	8.1	24.7	0.86
F25	14 Feb 2018	29	15.18	84.72	8.2	33.47	8.1	24.8	0.85
F25	14 Feb 2018	30	14.97	84.59	8.2	33.47	8.1	24.8	1.07
F25	14 Feb 2018	31	14.88	83.91	8.1	33.47	8.1	24.8	1.76
F25	14 Feb 2018	32	14.74	83.36	8.1	33.47	8.1	24.8	1.88
F25	14 Feb 2018	33	14.68	82.92	8.1	33.46	8.1	24.9	1.92
F25	14 Feb 2018	34	14.64	82.35	8.0	33.46	8.1	24.9	2.05
F25	14 Feb 2018	35	14.42	81.93	8.0	33.46	8.1	24.9	2.78
F25	14 Feb 2018	36	14.32	81.04	7.9	33.45	8.1	24.9	3.56
F25	14 Feb 2018	37	14.30	80.95	7.9	33.45	8.1	24.9	3.57
F25	14 Feb 2018	38	14.24	80.88	7.9	33.45	8.1	24.9	4.33
F25	14 Feb 2018	39	14.16	80.04	7.8	33.45	8.1	25.0	5.03
F25	14 Feb 2018	40	14.00	79.33	7.6	33.46	8.1	25.0	4.05

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F25	14 Feb 2018	41	13.91	80.56	7.3	33.46	8.1	25.0	3.27
F25	14 Feb 2018	42	13.72	81.44	7.0	33.47	8.1	25.1	3.99
F25	14 Feb 2018	43	13.64	84.05	6.8	33.46	8.0	25.1	2.96
F25	14 Feb 2018	44	13.63	84.01	6.8	33.46	8.0	25.1	2.59
F25	14 Feb 2018	45	13.62	84.44	6.8	33.46	8.0	25.1	2.54
F25	14 Feb 2018	46	13.61	84.53	6.8	33.46	8.0	25.1	2.43
F25	14 Feb 2018	47	13.56	84.78	6.8	33.46	8.0	25.1	3.10
F25	14 Feb 2018	48	13.50	85.00	6.7	33.46	8.0	25.1	2.64
F25	14 Feb 2018	49	13.45	85.03	6.6	33.46	8.0	25.1	2.27
F25	14 Feb 2018	50	13.34	85.32	6.5	33.46	8.0	25.1	1.96
F25	14 Feb 2018	51	13.23	85.68	6.4	33.46	8.0	25.2	1.75
F25	14 Feb 2018	52	13.08	85.80	6.3	33.47	8.0	25.2	1.39
F25	14 Feb 2018	53	12.96	86.13	6.2	33.47	8.0	25.2	1.01
F25	14 Feb 2018	54	12.93	86.26	6.2	33.46	8.0	25.2	0.85
F25	14 Feb 2018	55	12.93	86.41	6.2	33.46	8.0	25.2	0.77
F25	14 Feb 2018	56	12.92	86.39	6.2	33.46	8.0	25.2	0.69
F25	14 Feb 2018	57	12.92	86.46	6.2	33.47	8.0	25.2	0.64
F25	14 Feb 2018	58	12.89	86.46	6.1	33.47	8.0	25.2	0.62
F25	14 Feb 2018	59	12.84	86.50	6.1	33.47	8.0	25.2	0.56
F25	14 Feb 2018	60	12.82	86.55	6.1	33.47	8.0	25.2	0.54
F25	14 Feb 2018	61	12.81	86.58	6.1	33.47	8.0	25.2	0.51
F25	14 Feb 2018	62	12.80	86.56	6.1	33.47	8.0	25.2	0.53
F25	14 Feb 2018	63	12.79	86.58	6.1	33.47	8.0	25.2	0.52
F25	14 Feb 2018	64	12.76	86.59	6.0	33.47	8.0	25.3	0.48
F25	14 Feb 2018	65	12.71	86.64	6.0	33.48	8.0	25.3	0.45
F25	14 Feb 2018	66	12.63	86.71	5.9	33.48	8.0	25.3	0.42
F25	14 Feb 2018	67	12.43	86.70	5.9	33.48	8.0	25.3	0.43
F25	14 Feb 2018	68	12.22	86.74	5.8	33.49	7.9	25.4	0.40
F25	14 Feb 2018	69	12.02	86.87	5.7	33.50	7.9	25.4	0.32
F25	14 Feb 2018	70	11.95	86.75	5.6	33.50	7.9	25.4	0.30
F25	14 Feb 2018	71	11.89	86.88	5.6	33.50	7.9	25.4	0.28
F25	14 Feb 2018	72	11.80	86.77	5.6	33.50	7.9	25.5	0.26
F25	14 Feb 2018	73	11.77	86.53	5.6	33.50	7.9	25.5	0.26
F25	14 Feb 2018	74	11.77	86.36	5.6	33.50	7.9	25.5	0.24
F25	14 Feb 2018	75	11.77	86.41	5.5	33.50	7.9	25.5	0.26
F25	14 Feb 2018	76	11.76	86.47	5.6	33.50	7.9	25.5	0.25
F25	14 Feb 2018	77	11.74	86.60	5.5	33.50	7.9	25.5	0.27
F25	14 Feb 2018	78	11.73	86.76	5.5	33.51	7.9	25.5	0.27
F25	14 Feb 2018	79	11.71	86.81	5.5	33.51	7.9	25.5	0.26
F25	14 Feb 2018	80	11.71	86.67	5.5	33.51	7.9	25.5	0.27
F25	14 Feb 2018	81	11.71	86.61	5.5	33.51	7.9	25.5	0.29
F26	15 Feb 2018	1	16.35	85.15	8.0	33.52	8.2	24.5	0.18
F26	15 Feb 2018	2	16.32	85.15	8.0	33.52	8.2	24.5	0.18
F26	15 Feb 2018	3	16.15	85.05	8.0	33.52	8.2	24.6	0.18
F26	15 Feb 2018	4	16.12	84.90	8.1	33.52	8.2	24.6	0.19
F26	15 Feb 2018	5	16.10	84.79	8.1	33.51	8.2	24.6	0.22
F26	15 Feb 2018	6	16.09	84.81	8.1	33.51	8.2	24.6	0.23
F26	15 Feb 2018	7	16.08	84.87	8.0	33.51	8.2	24.6	0.26
F26	15 Feb 2018	8	16.08	84.84	8.0	33.51	8.2	24.6	0.28
F26	15 Feb 2018	9	16.08	84.79	8.1	33.51	8.2	24.6	0.31
F26	15 Feb 2018	10	16.08	84.78	8.1	33.51	8.2	24.6	0.34
F26	15 Feb 2018	11	16.06	84.63	8.1	33.51	8.2	24.6	0.37
F26	15 Feb 2018	12	16.06	84.61	8.0	33.51	8.2	24.6	0.41
F26	15 Feb 2018	13	16.05	84.61	8.1	33.51	8.2	24.6	0.46

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	15 Feb 2018	14	16.05	84.52	8.1	33.52	8.2	24.6	0.50
F26	15 Feb 2018	15	16.04	84.65	8.1	33.52	8.2	24.6	0.53
F26	15 Feb 2018	16	16.02	84.63	8.1	33.52	8.2	24.6	0.59
F26	15 Feb 2018	17	16.01	84.53	8.1	33.51	8.2	24.6	0.64
F26	15 Feb 2018	18	16.01	84.58	8.1	33.51	8.2	24.6	0.69
F26	15 Feb 2018	19	16.01	84.51	8.1	33.51	8.2	24.6	0.71
F26	15 Feb 2018	20	16.01	84.48	8.1	33.51	8.2	24.6	0.73
F26	15 Feb 2018	21	15.99	84.52	8.1	33.52	8.2	24.6	0.77
F26	15 Feb 2018	22	15.94	84.48	8.0	33.52	8.2	24.6	0.83
F26	15 Feb 2018	23	15.75	84.24	8.1	33.51	8.2	24.7	0.95
F26	15 Feb 2018	24	15.70	84.31	8.1	33.50	8.2	24.7	1.03
F26	15 Feb 2018	25	15.65	84.16	8.1	33.50	8.2	24.7	1.12
F26	15 Feb 2018	26	15.61	84.02	8.1	33.50	8.2	24.7	1.20
F26	15 Feb 2018	27	15.61	83.96	8.1	33.50	8.2	24.7	1.25
F26	15 Feb 2018	28	15.60	84.01	8.1	33.50	8.2	24.7	1.26
F26	15 Feb 2018	29	15.51	83.76	8.1	33.49	8.2	24.7	1.36
F26	15 Feb 2018	30	15.43	83.63	8.1	33.49	8.2	24.7	1.50
F26	15 Feb 2018	31	15.35	83.52	8.0	33.48	8.2	24.7	1.63
F26	15 Feb 2018	32	15.25	83.50	8.0	33.48	8.2	24.7	1.63
F26	15 Feb 2018	33	15.12	83.54	8.0	33.48	8.2	24.8	1.76
F26	15 Feb 2018	34	15.05	83.28	8.0	33.47	8.2	24.8	1.95
F26	15 Feb 2018	35	15.03	83.24	8.0	33.47	8.1	24.8	2.01
F26	15 Feb 2018	36	15.01	83.48	8.0	33.47	8.1	24.8	2.03
F26	15 Feb 2018	37	15.00	83.62	8.0	33.47	8.1	24.8	2.01
F26	15 Feb 2018	38	14.98	83.83	7.9	33.47	8.1	24.8	1.93
F26	15 Feb 2018	39	14.94	84.05	7.9	33.47	8.1	24.8	1.85
F26	15 Feb 2018	40	14.88	84.17	7.8	33.47	8.1	24.8	1.72
F26	15 Feb 2018	41	14.64	84.62	7.7	33.47	8.1	24.9	1.55
F26	15 Feb 2018	42	14.50	84.91	7.6	33.46	8.1	24.9	1.46
F26	15 Feb 2018	43	14.38	84.95	7.5	33.46	8.1	24.9	1.42
F26	15 Feb 2018	44	14.18	85.12	7.4	33.45	8.1	25.0	1.36
F26	15 Feb 2018	45	14.07	85.23	7.3	33.45	8.1	25.0	1.31
F26	15 Feb 2018	46	14.02	85.15	7.2	33.45	8.1	25.0	1.27
F26	15 Feb 2018	47	13.99	85.20	7.2	33.45	8.1	25.0	1.27
F26	15 Feb 2018	48	13.96	85.30	7.2	33.45	8.1	25.0	1.26
F26	15 Feb 2018	49	13.89	85.31	7.1	33.45	8.1	25.0	1.16
F26	15 Feb 2018	50	13.76	85.65	6.9	33.45	8.1	25.0	1.01
F26	15 Feb 2018	51	13.73	85.82	6.8	33.45	8.1	25.0	0.86
F26	15 Feb 2018	52	13.71	86.14	6.8	33.45	8.1	25.1	0.75
F26	15 Feb 2018	53	13.69	86.23	6.8	33.45	8.1	25.1	0.66
F26	15 Feb 2018	54	13.66	85.88	6.7	33.45	8.1	25.1	0.63
F26	15 Feb 2018	55	13.59	86.19	6.6	33.46	8.0	25.1	0.61
F26	15 Feb 2018	56	13.56	85.74	6.5	33.46	8.0	25.1	0.78
F26	15 Feb 2018	57	13.53	85.30	6.5	33.46	8.0	25.1	0.82
F26	15 Feb 2018	58	13.50	85.21	6.5	33.46	8.0	25.1	0.80
F26	15 Feb 2018	59	13.38	84.90	6.4	33.47	8.0	25.1	1.33
F26	15 Feb 2018	60	13.21	85.19	6.3	33.47	8.0	25.2	1.20
F26	15 Feb 2018	61	13.03	85.25	6.2	33.47	8.0	25.2	0.86
F26	15 Feb 2018	62	12.92	85.26	6.1	33.47	8.0	25.2	0.57
F26	15 Feb 2018	63	12.76	85.65	6.0	33.47	8.0	25.3	0.44
F26	15 Feb 2018	64	12.67	85.65	6.0	33.47	8.0	25.3	0.39
F26	15 Feb 2018	65	12.60	85.74	5.9	33.47	8.0	25.3	0.35
F26	15 Feb 2018	66	12.54	85.73	5.9	33.47	8.0	25.3	0.33
F26	15 Feb 2018	67	12.50	85.67	5.8	33.47	8.0	25.3	0.35
F26	15 Feb 2018	68	12.48	85.56	5.8	33.47	8.0	25.3	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	15 Feb 2018	69	12.38	85.45	5.7	33.48	8.0	25.3	0.29
F26	15 Feb 2018	70	12.34	85.43	5.7	33.49	8.0	25.3	0.29
F26	15 Feb 2018	71	12.25	85.43	5.6	33.50	8.0	25.4	0.27
F26	15 Feb 2018	72	12.08	85.36	5.5	33.50	7.9	25.4	0.23
F26	15 Feb 2018	73	11.93	85.29	5.3	33.51	7.9	25.4	0.20
F26	15 Feb 2018	74	11.78	85.36	5.3	33.51	7.9	25.5	0.17
F26	15 Feb 2018	75	11.73	85.55	5.2	33.51	7.9	25.5	0.16
F26	15 Feb 2018	76	11.69	85.67	5.2	33.52	7.9	25.5	0.15
F26	15 Feb 2018	77	11.67	85.77	5.2	33.52	7.9	25.5	0.15
F26	15 Feb 2018	78	11.66	85.76	5.2	33.52	7.9	25.5	0.15
F26	15 Feb 2018	79	11.66	85.78	5.2	33.52	7.9	25.5	0.15
F26	15 Feb 2018	80	11.65	85.82	5.2	33.52	7.9	25.5	0.15
F26	15 Feb 2018	81	11.64	85.76	5.2	33.52	7.9	25.5	0.16
F26	15 Feb 2018	82	11.64	85.64	5.2	33.52	7.9	25.5	0.14
F26	15 Feb 2018	83	11.65	85.67	5.2	33.52	7.9	25.5	0.17
F26	15 Feb 2018	84	11.65	85.57	5.2	33.52	7.9	25.5	0.14
F26	15 Feb 2018	85	11.64	85.54	5.2	33.53	7.9	25.5	0.14
F26	15 Feb 2018	86	11.63	85.55	5.2	33.53	7.9	25.5	0.14
F26	15 Feb 2018	87	11.62	85.57	5.1	33.53	7.9	25.5	0.14
F26	15 Feb 2018	88	11.57	85.55	5.1	33.54	7.9	25.5	0.16
F26	15 Feb 2018	89	11.50	85.30	5.0	33.55	7.9	25.6	0.14
F26	15 Feb 2018	90	11.44	85.37	5.0	33.56	7.9	25.6	0.13
F26	15 Feb 2018	91	11.39	85.42	5.0	33.56	7.9	25.6	0.13
F26	15 Feb 2018	92	11.39	85.35	5.0	33.56	7.9	25.6	0.12
F26	15 Feb 2018	93	11.38	85.22	5.0	33.57	7.9	25.6	0.13
F26	15 Feb 2018	94	11.37	85.06	4.9	33.57	7.9	25.6	0.13
F26	15 Feb 2018	95	11.36	85.02	4.9	33.57	7.9	25.6	0.13
F26	15 Feb 2018	96	11.24	84.73	4.8	33.59	7.9	25.6	0.12
F26	15 Feb 2018	97	11.17	84.49	4.8	33.60	7.9	25.7	0.11
F26	15 Feb 2018	98	11.14	84.33	4.8	33.60	7.9	25.7	0.11
F26	15 Feb 2018	99	11.11	84.26	4.8	33.60	7.9	25.7	0.12
F26	15 Feb 2018	100	11.11	84.34	4.7	33.61	7.9	25.7	0.12
F27	15 Feb 2018	1	16.39	85.74	7.9	33.53	8.2	24.5	0.14
F27	15 Feb 2018	2	16.38	85.73	8.0	33.53	8.2	24.5	0.14
F27	15 Feb 2018	3	16.32	85.97	8.0	33.53	8.2	24.5	0.14
F27	15 Feb 2018	4	16.23	85.98	7.9	33.53	8.2	24.6	0.15
F27	15 Feb 2018	5	16.21	85.90	8.0	33.53	8.2	24.6	0.17
F27	15 Feb 2018	6	16.20	85.87	8.0	33.53	8.2	24.6	0.19
F27	15 Feb 2018	7	16.18	85.91	8.0	33.53	8.2	24.6	0.20
F27	15 Feb 2018	8	16.16	85.84	8.0	33.53	8.2	24.6	0.22
F27	15 Feb 2018	9	16.15	85.71	8.0	33.52	8.2	24.6	0.25
F27	15 Feb 2018	10	16.12	85.56	8.0	33.52	8.2	24.6	0.28
F27	15 Feb 2018	11	16.11	85.49	8.0	33.52	8.2	24.6	0.31
F27	15 Feb 2018	12	16.09	85.46	8.0	33.52	8.2	24.6	0.34
F27	15 Feb 2018	13	16.07	85.46	8.0	33.52	8.2	24.6	0.38
F27	15 Feb 2018	14	16.07	85.41	8.0	33.52	8.2	24.6	0.44
F27	15 Feb 2018	15	16.06	85.42	8.0	33.52	8.2	24.6	0.44
F27	15 Feb 2018	16	16.07	85.40	8.0	33.52	8.2	24.6	0.45
F27	15 Feb 2018	17	15.99	85.23	8.0	33.52	8.2	24.6	0.53
F27	15 Feb 2018	18	15.86	85.13	8.0	33.51	8.2	24.6	0.63
F27	15 Feb 2018	19	15.57	84.69	8.1	33.50	8.2	24.7	0.80
F27	15 Feb 2018	20	15.36	83.95	8.1	33.48	8.2	24.7	1.00
F27	15 Feb 2018	21	15.23	83.84	8.1	33.48	8.2	24.8	1.23
F27	15 Feb 2018	22	15.17	83.86	8.1	33.48	8.2	24.8	1.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	15 Feb 2018	23	15.06	83.38	8.1	33.47	8.2	24.8	1.64
F27	15 Feb 2018	24	15.05	83.25	8.0	33.47	8.2	24.8	1.80
F27	15 Feb 2018	25	14.98	83.06	8.0	33.47	8.2	24.8	2.02
F27	15 Feb 2018	26	14.94	82.87	8.0	33.47	8.1	24.8	2.17
F27	15 Feb 2018	27	14.93	82.76	8.0	33.47	8.1	24.8	2.37
F27	15 Feb 2018	28	14.91	82.70	8.0	33.47	8.1	24.8	2.42
F27	15 Feb 2018	29	14.89	82.62	7.9	33.47	8.1	24.8	2.47
F27	15 Feb 2018	30	14.86	82.64	8.0	33.47	8.1	24.8	2.53
F27	15 Feb 2018	31	14.84	82.69	8.0	33.47	8.1	24.8	2.59
F27	15 Feb 2018	32	14.83	82.67	7.9	33.47	8.1	24.8	2.65
F27	15 Feb 2018	33	14.81	82.68	7.9	33.47	8.1	24.8	2.63
F27	15 Feb 2018	34	14.79	82.75	7.9	33.47	8.1	24.8	2.63
F27	15 Feb 2018	35	14.79	82.69	7.9	33.47	8.1	24.8	2.65
F27	15 Feb 2018	36	14.75	82.81	7.8	33.47	8.1	24.8	2.63
F27	15 Feb 2018	37	14.64	82.94	7.8	33.46	8.1	24.9	2.52
F27	15 Feb 2018	38	14.56	83.17	7.7	33.46	8.1	24.9	2.52
F27	15 Feb 2018	39	14.49	83.43	7.7	33.46	8.1	24.9	2.40
F27	15 Feb 2018	40	14.47	83.74	7.6	33.46	8.1	24.9	2.26
F27	15 Feb 2018	41	14.41	83.83	7.6	33.45	8.1	24.9	2.02
F27	15 Feb 2018	42	14.23	84.33	7.4	33.45	8.1	24.9	1.69
F27	15 Feb 2018	43	13.96	84.97	7.3	33.45	8.1	25.0	1.44
F27	15 Feb 2018	44	13.89	85.04	7.2	33.45	8.1	25.0	1.30
F27	15 Feb 2018	45	13.87	85.32	7.1	33.45	8.1	25.0	1.29
F27	15 Feb 2018	46	13.83	85.47	7.0	33.45	8.1	25.0	1.16
F27	15 Feb 2018	47	13.76	85.40	7.0	33.45	8.1	25.0	1.11
F27	15 Feb 2018	48	13.72	85.55	7.0	33.45	8.1	25.0	1.07
F27	15 Feb 2018	49	13.69	85.72	6.9	33.45	8.1	25.1	1.01
F27	15 Feb 2018	50	13.65	85.76	6.9	33.45	8.1	25.1	0.93
F27	15 Feb 2018	51	13.61	86.04	6.8	33.45	8.0	25.1	0.88
F27	15 Feb 2018	52	13.52	86.09	6.7	33.45	8.0	25.1	1.08
F27	15 Feb 2018	53	13.51	85.84	6.6	33.45	8.0	25.1	0.97
F27	15 Feb 2018	54	13.50	85.87	6.6	33.45	8.0	25.1	0.80
F27	15 Feb 2018	55	13.49	85.80	6.6	33.45	8.0	25.1	1.05
F27	15 Feb 2018	56	13.48	85.70	6.6	33.45	8.0	25.1	1.11
F27	15 Feb 2018	57	13.47	85.85	6.5	33.45	8.0	25.1	1.08
F27	15 Feb 2018	58	13.42	85.97	6.5	33.45	8.0	25.1	0.94
F27	15 Feb 2018	59	13.23	85.99	6.4	33.45	8.0	25.1	0.68
F27	15 Feb 2018	60	13.11	85.85	6.2	33.46	8.0	25.2	0.54
F27	15 Feb 2018	61	13.02	85.70	6.2	33.46	8.0	25.2	0.49
F27	15 Feb 2018	62	12.93	85.62	6.1	33.46	8.0	25.2	0.47
F27	15 Feb 2018	63	12.84	85.57	6.0	33.46	8.0	25.2	0.43
F27	15 Feb 2018	64	12.79	85.35	6.0	33.46	8.0	25.2	0.40
F27	15 Feb 2018	65	12.70	85.39	5.9	33.46	8.0	25.3	0.40
F27	15 Feb 2018	66	12.63	85.51	5.9	33.46	8.0	25.3	0.36
F27	15 Feb 2018	67	12.59	85.28	5.8	33.47	8.0	25.3	0.32
F27	15 Feb 2018	68	12.59	85.05	5.8	33.47	8.0	25.3	0.31
F27	15 Feb 2018	69	12.59	84.89	5.8	33.47	8.0	25.3	0.30
F27	15 Feb 2018	70	12.58	84.97	5.8	33.47	8.0	25.3	0.29
F27	15 Feb 2018	71	12.53	84.64	5.7	33.47	8.0	25.3	0.28
F27	15 Feb 2018	72	12.50	84.49	5.7	33.47	8.0	25.3	0.27
F27	15 Feb 2018	73	12.46	84.40	5.6	33.47	8.0	25.3	0.27
F27	15 Feb 2018	74	12.28	84.15	5.5	33.47	7.9	25.3	0.26
F27	15 Feb 2018	75	12.16	84.29	5.4	33.48	7.9	25.4	0.23
F27	15 Feb 2018	76	11.98	84.53	5.3	33.48	7.9	25.4	0.20
F27	15 Feb 2018	77	11.80	84.56	5.2	33.50	7.9	25.5	0.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	15 Feb 2018	78	11.70	84.99	5.2	33.51	7.9	25.5	0.17
F27	15 Feb 2018	79	11.68	85.55	5.2	33.51	7.9	25.5	0.16
F27	15 Feb 2018	80	11.62	85.78	5.2	33.52	7.9	25.5	0.17
F27	15 Feb 2018	81	11.39	86.15	5.1	33.56	7.9	25.6	0.17
F27	15 Feb 2018	82	11.37	86.18	5.0	33.56	7.9	25.6	0.16
F27	15 Feb 2018	83	11.37	85.98	5.0	33.56	7.9	25.6	0.16
F27	15 Feb 2018	84	11.37	85.94	5.0	33.56	7.9	25.6	0.16
F27	15 Feb 2018	85	11.37	85.87	5.0	33.56	7.9	25.6	0.16
F27	15 Feb 2018	86	11.37	85.99	5.0	33.56	7.9	25.6	0.15
F27	15 Feb 2018	87	11.37	85.80	5.0	33.56	7.9	25.6	0.16
F27	15 Feb 2018	88	11.37	85.72	5.0	33.56	7.9	25.6	0.15
F27	15 Feb 2018	89	11.37	85.70	5.0	33.56	7.9	25.6	0.15
F27	15 Feb 2018	90	11.36	85.66	5.0	33.56	7.9	25.6	0.16
F27	15 Feb 2018	91	11.36	85.65	5.0	33.56	7.9	25.6	0.14
F27	15 Feb 2018	92	11.36	85.61	5.0	33.56	7.9	25.6	0.16
F27	15 Feb 2018	93	11.35	85.31	4.9	33.57	7.9	25.6	0.15
F27	15 Feb 2018	94	11.32	85.30	4.9	33.57	7.9	25.6	0.15
F27	15 Feb 2018	95	11.24	85.06	4.9	33.59	7.9	25.6	0.17
F27	15 Feb 2018	96	11.18	84.69	4.8	33.59	7.9	25.6	0.15
F27	15 Feb 2018	97	11.12	84.44	4.8	33.60	7.9	25.7	0.15
F27	15 Feb 2018	98	11.08	84.24	4.7	33.61	7.8	25.7	0.15
F27	15 Feb 2018	99	11.03	84.06	4.7	33.62	7.8	25.7	0.15
F27	15 Feb 2018	100	10.96	83.95	4.6	33.63	7.8	25.7	0.14
F27	15 Feb 2018	101	10.94	83.77	4.6	33.64	7.8	25.7	0.13
F28	15 Feb 2018	1	16.41	85.21	8.0	33.53	8.2	24.5	0.17
F28	15 Feb 2018	2	16.38	85.59	8.0	33.53	8.2	24.5	0.19
F28	15 Feb 2018	3	16.31	85.67	8.0	33.53	8.2	24.5	0.21
F28	15 Feb 2018	4	16.29	85.76	8.0	33.53	8.2	24.6	0.21
F28	15 Feb 2018	5	16.28	85.76	8.0	33.53	8.2	24.6	0.22
F28	15 Feb 2018	6	16.27	85.77	8.0	33.53	8.2	24.6	0.22
F28	15 Feb 2018	7	16.26	85.78	8.0	33.53	8.2	24.6	0.24
F28	15 Feb 2018	8	16.26	85.57	8.0	33.53	8.2	24.6	0.27
F28	15 Feb 2018	9	16.25	85.69	8.0	33.53	8.2	24.6	0.28
F28	15 Feb 2018	10	16.25	85.74	8.0	33.53	8.2	24.6	0.30
F28	15 Feb 2018	11	16.25	85.69	8.0	33.53	8.2	24.6	0.33
F28	15 Feb 2018	12	16.24	85.70	8.0	33.53	8.2	24.6	0.33
F28	15 Feb 2018	13	16.24	85.68	8.0	33.53	8.2	24.6	0.35
F28	15 Feb 2018	14	16.23	85.67	8.0	33.53	8.2	24.6	0.37
F28	15 Feb 2018	15	16.22	85.67	8.0	33.53	8.2	24.6	0.40
F28	15 Feb 2018	16	16.20	85.60	8.0	33.53	8.2	24.6	0.43
F28	15 Feb 2018	17	16.15	85.42	8.1	33.53	8.2	24.6	0.46
F28	15 Feb 2018	18	16.13	85.48	8.1	33.52	8.2	24.6	0.51
F28	15 Feb 2018	19	16.12	85.47	8.0	33.52	8.2	24.6	0.53
F28	15 Feb 2018	20	16.03	85.47	8.0	33.52	8.2	24.6	0.59
F28	15 Feb 2018	21	15.88	85.25	8.1	33.51	8.2	24.6	0.65
F28	15 Feb 2018	22	15.77	85.05	8.1	33.51	8.2	24.7	0.78
F28	15 Feb 2018	23	15.70	84.79	8.1	33.50	8.2	24.7	0.83
F28	15 Feb 2018	24	15.62	84.71	8.1	33.50	8.2	24.7	0.91
F28	15 Feb 2018	25	15.53	84.78	8.1	33.50	8.2	24.7	1.01
F28	15 Feb 2018	26	15.40	84.41	8.1	33.49	8.2	24.7	1.06
F28	15 Feb 2018	27	15.35	84.36	8.1	33.48	8.2	24.7	1.12
F28	15 Feb 2018	28	15.25	84.52	8.1	33.48	8.2	24.7	1.19
F28	15 Feb 2018	29	15.16	84.38	8.1	33.48	8.2	24.8	1.29
F28	15 Feb 2018	30	15.08	84.33	8.0	33.48	8.2	24.8	1.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	15 Feb 2018	31	14.93	83.90	8.0	33.47	8.2	24.8	1.75
F28	15 Feb 2018	32	14.91	83.25	8.0	33.47	8.1	24.8	2.00
F28	15 Feb 2018	33	14.86	83.11	8.0	33.47	8.1	24.8	2.24
F28	15 Feb 2018	34	14.77	82.67	7.9	33.46	8.1	24.8	2.48
F28	15 Feb 2018	35	14.49	82.33	7.7	33.46	8.1	24.9	2.73
F28	15 Feb 2018	36	14.37	82.90	7.6	33.45	8.1	24.9	2.64
F28	15 Feb 2018	37	14.36	83.70	7.6	33.45	8.1	24.9	2.53
F28	15 Feb 2018	38	14.13	84.25	7.4	33.45	8.1	25.0	1.95
F28	15 Feb 2018	39	14.03	84.73	7.3	33.45	8.1	25.0	1.77
F28	15 Feb 2018	40	13.94	85.05	7.2	33.45	8.1	25.0	1.36
F28	15 Feb 2018	41	13.91	85.26	7.2	33.45	8.1	25.0	1.22
F28	15 Feb 2018	42	13.89	85.34	7.2	33.45	8.1	25.0	1.20
F28	15 Feb 2018	43	13.87	85.27	7.1	33.45	8.1	25.0	1.28
F28	15 Feb 2018	44	13.68	85.43	6.9	33.45	8.1	25.1	1.38
F28	15 Feb 2018	45	13.65	85.76	6.9	33.45	8.1	25.1	1.01
F28	15 Feb 2018	46	13.63	85.86	6.8	33.45	8.1	25.1	0.87
F28	15 Feb 2018	47	13.62	85.96	6.8	33.45	8.1	25.1	0.98
F28	15 Feb 2018	48	13.61	86.00	6.8	33.45	8.1	25.1	1.12
F28	15 Feb 2018	49	13.60	86.11	6.8	33.45	8.1	25.1	0.95
F28	15 Feb 2018	50	13.58	86.03	6.7	33.45	8.1	25.1	1.07
F28	15 Feb 2018	51	13.54	86.13	6.7	33.45	8.0	25.1	1.47
F28	15 Feb 2018	52	13.48	86.13	6.6	33.45	8.0	25.1	1.42
F28	15 Feb 2018	53	13.44	86.30	6.6	33.45	8.0	25.1	1.23
F28	15 Feb 2018	54	13.39	86.32	6.5	33.45	8.0	25.1	0.76
F28	15 Feb 2018	55	13.27	86.37	6.4	33.45	8.0	25.1	0.60
F28	15 Feb 2018	56	13.07	86.38	6.3	33.46	8.0	25.2	0.51
F28	15 Feb 2018	57	12.93	86.11	6.2	33.46	8.0	25.2	0.45
F28	15 Feb 2018	58	12.86	85.98	6.1	33.46	8.0	25.2	0.41
F28	15 Feb 2018	59	12.83	85.73	6.1	33.46	8.0	25.2	0.39
F28	15 Feb 2018	60	12.83	85.60	6.0	33.46	8.0	25.2	0.38
F28	15 Feb 2018	61	12.82	85.51	6.0	33.46	8.0	25.2	0.38
F28	15 Feb 2018	62	12.80	85.46	6.0	33.46	8.0	25.2	0.40
F28	15 Feb 2018	63	12.78	85.54	6.0	33.46	8.0	25.2	0.40
F28	15 Feb 2018	64	12.76	85.58	6.0	33.47	8.0	25.3	0.38
F28	15 Feb 2018	65	12.67	85.39	5.9	33.47	8.0	25.3	0.38
F28	15 Feb 2018	66	12.63	85.30	5.8	33.47	8.0	25.3	0.79
F28	15 Feb 2018	67	12.54	85.30	5.8	33.47	8.0	25.3	0.45
F28	15 Feb 2018	68	12.47	84.96	5.7	33.47	8.0	25.3	0.30
F28	15 Feb 2018	69	12.44	84.80	5.6	33.47	8.0	25.3	0.26
F28	15 Feb 2018	70	12.37	84.42	5.6	33.48	7.9	25.3	0.23
F28	15 Feb 2018	71	12.35	84.08	5.6	33.48	7.9	25.3	0.22
F28	15 Feb 2018	72	12.30	84.06	5.5	33.48	7.9	25.4	0.20
F28	15 Feb 2018	73	12.26	84.10	5.5	33.48	7.9	25.4	0.22
F28	15 Feb 2018	74	12.24	84.09	5.5	33.48	7.9	25.4	0.22
F28	15 Feb 2018	75	12.22	84.00	5.5	33.48	7.9	25.4	0.20
F28	15 Feb 2018	76	12.19	84.01	5.4	33.48	7.9	25.4	0.20
F28	15 Feb 2018	77	12.15	84.15	5.4	33.48	7.9	25.4	0.20
F28	15 Feb 2018	78	12.04	84.27	5.3	33.49	7.9	25.4	0.21
F28	15 Feb 2018	79	11.95	84.44	5.3	33.49	7.9	25.4	0.19
F28	15 Feb 2018	80	11.94	84.61	5.3	33.49	7.9	25.4	0.18
F28	15 Feb 2018	81	11.93	84.67	5.3	33.49	7.9	25.4	0.19
F28	15 Feb 2018	82	11.88	84.56	5.2	33.51	7.9	25.5	0.18
F28	15 Feb 2018	83	11.81	84.95	5.2	33.52	7.9	25.5	0.18
F28	15 Feb 2018	84	11.79	85.08	5.2	33.52	7.9	25.5	0.18
F28	15 Feb 2018	85	11.75	85.10	5.2	33.52	7.9	25.5	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	15 Feb 2018	86	11.57	85.18	5.1	33.54	7.9	25.5	0.16
F28	15 Feb 2018	87	11.43	85.43	5.0	33.56	7.9	25.6	0.15
F28	15 Feb 2018	88	11.40	85.65	5.0	33.56	7.9	25.6	0.15
F28	15 Feb 2018	89	11.38	85.45	5.0	33.56	7.9	25.6	0.15
F28	15 Feb 2018	90	11.38	85.42	5.0	33.56	7.9	25.6	0.14
F28	15 Feb 2018	91	11.38	85.17	5.0	33.57	7.9	25.6	0.15
F28	15 Feb 2018	92	11.39	84.87	5.0	33.57	7.9	25.6	0.17
F28	15 Feb 2018	93	11.40	84.38	4.9	33.57	7.9	25.6	0.16
F28	15 Feb 2018	94	11.40	84.17	4.9	33.57	7.9	25.6	0.16
F28	15 Feb 2018	95	11.38	83.68	4.9	33.58	7.9	25.6	0.17
F28	15 Feb 2018	96	11.36	83.37	4.9	33.58	7.9	25.6	0.16
F28	15 Feb 2018	97	11.33	83.23	4.9	33.59	7.9	25.6	0.17
F28	15 Feb 2018	98	11.32	83.20	4.8	33.59	7.9	25.6	0.16
F28	15 Feb 2018	99	11.31	83.09	4.8	33.59	7.9	25.6	0.15
F28	15 Feb 2018	100	11.31	83.05	4.8	33.59	7.9	25.6	0.15
F28	15 Feb 2018	101	11.30	82.89	4.8	33.59	7.9	25.6	0.16
F29	15 Feb 2018	1	16.41	85.63	7.9	33.53	8.2	24.5	0.16
F29	15 Feb 2018	2	16.40	85.66	7.9	33.53	8.2	24.5	0.16
F29	15 Feb 2018	3	16.37	85.83	7.9	33.53	8.2	24.5	0.15
F29	15 Feb 2018	4	16.34	85.91	7.9	33.53	8.2	24.5	0.15
F29	15 Feb 2018	5	16.31	85.98	7.9	33.53	8.2	24.5	0.15
F29	15 Feb 2018	6	16.31	85.77	8.0	33.53	8.2	24.5	0.16
F29	15 Feb 2018	7	16.30	85.94	7.9	33.53	8.2	24.5	0.19
F29	15 Feb 2018	8	16.30	85.97	8.0	33.53	8.2	24.6	0.22
F29	15 Feb 2018	9	16.29	85.88	8.0	33.53	8.2	24.6	0.21
F29	15 Feb 2018	10	16.29	85.87	8.0	33.53	8.2	24.6	0.23
F29	15 Feb 2018	11	16.28	85.92	8.0	33.53	8.2	24.6	0.24
F29	15 Feb 2018	12	16.27	85.84	8.0	33.53	8.2	24.6	0.27
F29	15 Feb 2018	13	16.26	85.84	8.0	33.53	8.2	24.6	0.28
F29	15 Feb 2018	14	16.23	85.91	8.0	33.53	8.2	24.6	0.31
F29	15 Feb 2018	15	16.22	85.92	8.0	33.53	8.2	24.6	0.33
F29	15 Feb 2018	16	16.22	85.86	8.0	33.53	8.2	24.6	0.34
F29	15 Feb 2018	17	16.22	85.80	8.0	33.53	8.2	24.6	0.37
F29	15 Feb 2018	18	16.22	85.78	8.0	33.53	8.2	24.6	0.40
F29	15 Feb 2018	19	16.20	85.75	8.0	33.53	8.2	24.6	0.41
F29	15 Feb 2018	20	16.13	85.70	8.0	33.53	8.2	24.6	0.47
F29	15 Feb 2018	21	16.08	85.58	8.0	33.53	8.2	24.6	0.52
F29	15 Feb 2018	22	16.05	85.51	8.0	33.52	8.2	24.6	0.58
F29	15 Feb 2018	23	16.04	85.56	8.1	33.52	8.2	24.6	0.62
F29	15 Feb 2018	24	16.00	85.55	8.0	33.52	8.2	24.6	0.68
F29	15 Feb 2018	25	15.80	85.30	8.1	33.52	8.2	24.7	0.80
F29	15 Feb 2018	26	15.65	84.97	8.1	33.51	8.2	24.7	0.92
F29	15 Feb 2018	27	15.59	84.76	8.1	33.50	8.2	24.7	1.03
F29	15 Feb 2018	28	15.56	84.80	8.0	33.50	8.2	24.7	1.08
F29	15 Feb 2018	29	15.34	84.61	8.0	33.50	8.2	24.7	1.20
F29	15 Feb 2018	30	15.17	84.26	8.1	33.48	8.2	24.8	1.40
F29	15 Feb 2018	31	15.11	84.10	8.1	33.47	8.2	24.8	1.52
F29	15 Feb 2018	32	15.08	83.99	8.1	33.47	8.2	24.8	1.61
F29	15 Feb 2018	33	14.96	83.88	8.1	33.47	8.2	24.8	1.68
F29	15 Feb 2018	34	14.79	83.77	8.0	33.46	8.2	24.8	1.80
F29	15 Feb 2018	35	14.59	83.76	7.9	33.46	8.1	24.9	2.09
F29	15 Feb 2018	36	14.49	83.33	7.8	33.45	8.1	24.9	2.49
F29	15 Feb 2018	37	14.42	82.95	7.7	33.45	8.1	24.9	2.53
F29	15 Feb 2018	38	14.39	83.37	7.6	33.45	8.1	24.9	2.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	15 Feb 2018	39	14.38	83.54	7.6	33.45	8.1	24.9	2.36
F29	15 Feb 2018	40	14.34	83.66	7.6	33.45	8.1	24.9	2.26
F29	15 Feb 2018	41	14.29	83.80	7.5	33.45	8.1	24.9	2.16
F29	15 Feb 2018	42	14.27	83.89	7.5	33.45	8.1	24.9	2.09
F29	15 Feb 2018	43	14.26	84.12	7.5	33.45	8.1	24.9	1.98
F29	15 Feb 2018	44	14.22	84.25	7.4	33.45	8.1	24.9	1.90
F29	15 Feb 2018	45	14.19	84.43	7.4	33.45	8.1	25.0	1.78
F29	15 Feb 2018	46	14.16	84.58	7.4	33.45	8.1	25.0	1.73
F29	15 Feb 2018	47	14.11	84.70	7.3	33.45	8.1	25.0	1.58
F29	15 Feb 2018	48	14.00	85.09	7.1	33.45	8.1	25.0	1.49
F29	15 Feb 2018	49	13.81	85.38	7.0	33.45	8.1	25.0	1.41
F29	15 Feb 2018	50	13.73	85.73	6.8	33.45	8.1	25.0	1.09
F29	15 Feb 2018	51	13.58	85.95	6.7	33.46	8.1	25.1	0.86
F29	15 Feb 2018	52	13.54	86.00	6.7	33.45	8.0	25.1	0.77
F29	15 Feb 2018	53	13.53	86.00	6.6	33.45	8.0	25.1	0.72
F29	15 Feb 2018	54	13.51	85.93	6.6	33.45	8.0	25.1	0.77
F29	15 Feb 2018	55	13.50	86.09	6.6	33.45	8.0	25.1	0.78
F29	15 Feb 2018	56	13.48	85.93	6.6	33.45	8.0	25.1	0.82
F29	15 Feb 2018	57	13.44	85.96	6.5	33.46	8.0	25.1	0.69
F29	15 Feb 2018	58	13.29	85.85	6.3	33.46	8.0	25.1	0.55
F29	15 Feb 2018	59	13.12	85.67	6.2	33.47	8.0	25.2	0.49
F29	15 Feb 2018	60	13.06	85.48	6.1	33.46	8.0	25.2	0.43
F29	15 Feb 2018	61	12.98	84.92	6.1	33.47	8.0	25.2	0.45
F29	15 Feb 2018	62	12.87	84.95	6.0	33.47	8.0	25.2	0.40
F29	15 Feb 2018	63	12.81	85.22	6.0	33.46	8.0	25.2	0.38
F29	15 Feb 2018	64	12.78	85.35	6.0	33.46	8.0	25.2	0.37
F29	15 Feb 2018	65	12.78	85.47	6.0	33.46	8.0	25.2	0.36
F29	15 Feb 2018	66	12.77	85.47	6.0	33.46	8.0	25.2	0.37
F29	15 Feb 2018	67	12.74	85.49	6.0	33.47	8.0	25.3	0.36
F29	15 Feb 2018	68	12.71	85.44	5.9	33.47	8.0	25.3	0.35
F29	15 Feb 2018	69	12.68	85.44	5.9	33.47	8.0	25.3	0.34
F29	15 Feb 2018	70	12.66	84.94	5.9	33.47	8.0	25.3	0.35
F29	15 Feb 2018	71	12.58	85.30	5.8	33.47	8.0	25.3	0.33
F29	15 Feb 2018	72	12.49	85.14	5.7	33.47	8.0	25.3	0.30
F29	15 Feb 2018	73	12.41	84.92	5.6	33.48	8.0	25.3	0.28
F29	15 Feb 2018	74	12.33	84.70	5.5	33.48	8.0	25.3	0.26
F29	15 Feb 2018	75	12.15	84.67	5.4	33.49	7.9	25.4	0.23
F29	15 Feb 2018	76	12.08	84.60	5.4	33.49	7.9	25.4	0.21
F29	15 Feb 2018	77	12.00	84.57	5.3	33.50	7.9	25.4	0.20
F29	15 Feb 2018	78	11.94	84.55	5.3	33.50	7.9	25.4	0.19
F29	15 Feb 2018	79	11.92	84.58	5.3	33.51	7.9	25.4	0.19
F29	15 Feb 2018	80	11.84	84.60	5.2	33.52	7.9	25.5	0.18
F29	15 Feb 2018	81	11.77	84.90	5.2	33.53	7.9	25.5	0.20
F29	15 Feb 2018	82	11.72	85.00	5.2	33.54	7.9	25.5	0.19
F29	15 Feb 2018	83	11.67	84.76	5.1	33.54	7.9	25.5	0.19
F29	15 Feb 2018	84	11.63	84.70	5.1	33.55	7.9	25.5	0.20
F29	15 Feb 2018	85	11.62	84.61	5.1	33.55	7.9	25.5	0.18
F29	15 Feb 2018	86	11.60	84.52	5.1	33.55	7.9	25.5	0.19
F29	15 Feb 2018	87	11.60	84.43	5.1	33.55	7.9	25.5	0.19
F29	15 Feb 2018	88	11.52	84.23	5.0	33.56	7.9	25.6	0.19
F29	15 Feb 2018	89	11.46	84.03	5.0	33.57	7.9	25.6	0.18
F29	15 Feb 2018	90	11.43	83.65	4.9	33.57	7.9	25.6	0.17
F29	15 Feb 2018	91	11.41	83.36	4.9	33.57	7.9	25.6	0.18
F29	15 Feb 2018	92	11.38	82.80	4.8	33.57	7.9	25.6	0.15
F29	15 Feb 2018	93	11.35	81.84	4.8	33.57	7.9	25.6	0.15

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	15 Feb 2018	94	11.34	81.70	4.8	33.57	7.9	25.6	0.14
F29	15 Feb 2018	95	11.34	81.53	4.8	33.57	7.9	25.6	0.15
F29	15 Feb 2018	96	11.33	81.36	4.8	33.57	7.9	25.6	0.14
F29	15 Feb 2018	97	11.32	81.22	4.8	33.57	7.9	25.6	0.14
F29	15 Feb 2018	98	11.32	81.16	4.8	33.57	7.9	25.6	0.15
F29	15 Feb 2018	99	11.32	81.10	4.8	33.58	7.9	25.6	0.15
F29	15 Feb 2018	100	11.32	80.70	4.8	33.58	7.9	25.6	0.14
F30	15 Feb 2018	1	16.37	85.68	8.0	33.53	8.2	24.5	0.22
F30	15 Feb 2018	2	16.35	85.80	8.0	33.53	8.2	24.5	0.23
F30	15 Feb 2018	3	16.28	85.84	8.0	33.53	8.2	24.6	0.25
F30	15 Feb 2018	4	16.26	85.78	8.0	33.53	8.2	24.6	0.30
F30	15 Feb 2018	5	16.25	85.71	8.0	33.53	8.2	24.6	0.33
F30	15 Feb 2018	6	16.24	85.70	8.0	33.53	8.2	24.6	0.36
F30	15 Feb 2018	7	16.24	85.70	8.0	33.53	8.2	24.6	0.37
F30	15 Feb 2018	8	16.24	85.61	8.0	33.53	8.2	24.6	0.37
F30	15 Feb 2018	9	16.23	85.67	8.0	33.53	8.2	24.6	0.40
F30	15 Feb 2018	10	16.23	85.59	8.0	33.53	8.2	24.6	0.40
F30	15 Feb 2018	11	16.21	85.63	8.0	33.53	8.2	24.6	0.44
F30	15 Feb 2018	12	16.19	85.66	8.0	33.53	8.2	24.6	0.48
F30	15 Feb 2018	13	16.18	85.61	8.0	33.53	8.2	24.6	0.51
F30	15 Feb 2018	14	16.16	85.59	8.0	33.53	8.2	24.6	0.54
F30	15 Feb 2018	15	16.10	85.55	8.0	33.53	8.2	24.6	0.59
F30	15 Feb 2018	16	16.03	85.42	8.0	33.52	8.2	24.6	0.65
F30	15 Feb 2018	17	16.02	85.33	8.0	33.52	8.2	24.6	0.69
F30	15 Feb 2018	18	16.01	85.36	8.0	33.52	8.2	24.6	0.73
F30	15 Feb 2018	19	15.74	85.25	8.0	33.51	8.2	24.7	0.81
F30	15 Feb 2018	20	15.42	85.07	8.1	33.49	8.2	24.7	0.91
F30	15 Feb 2018	21	15.35	84.84	8.1	33.48	8.2	24.7	0.97
F30	15 Feb 2018	22	15.31	84.70	8.1	33.47	8.2	24.7	1.03
F30	15 Feb 2018	23	15.21	84.66	8.1	33.47	8.2	24.7	1.11
F30	15 Feb 2018	24	15.01	84.56	8.1	33.47	8.2	24.8	1.24
F30	15 Feb 2018	25	14.91	84.29	8.0	33.46	8.2	24.8	1.45
F30	15 Feb 2018	26	14.81	84.16	8.0	33.46	8.1	24.8	1.69
F30	15 Feb 2018	27	14.73	83.51	7.9	33.46	8.1	24.8	1.94
F30	15 Feb 2018	28	14.68	83.35	7.9	33.45	8.1	24.9	2.10
F30	15 Feb 2018	29	14.67	83.40	7.9	33.45	8.1	24.9	2.15
F30	15 Feb 2018	30	14.66	83.43	7.9	33.45	8.1	24.9	2.16
F30	15 Feb 2018	31	14.62	83.33	7.8	33.46	8.1	24.9	2.15
F30	15 Feb 2018	32	14.49	83.58	7.8	33.46	8.1	24.9	2.10
F30	15 Feb 2018	33	14.44	83.88	7.7	33.45	8.1	24.9	2.00
F30	15 Feb 2018	34	14.34	84.34	7.6	33.45	8.1	24.9	1.77
F30	15 Feb 2018	35	14.27	84.26	7.4	33.45	8.1	24.9	1.74
F30	15 Feb 2018	36	14.09	85.29	7.3	33.46	8.1	25.0	1.22
F30	15 Feb 2018	37	14.01	85.34	7.1	33.45	8.1	25.0	1.13
F30	15 Feb 2018	38	14.00	85.50	7.1	33.45	8.1	25.0	1.19
F30	15 Feb 2018	39	13.93	85.46	7.0	33.46	8.1	25.0	0.85
F30	15 Feb 2018	40	13.89	85.49	6.9	33.46	8.1	25.0	0.75
F30	15 Feb 2018	41	13.87	85.37	6.9	33.46	8.1	25.0	1.43
F30	15 Feb 2018	42	13.87	85.53	6.9	33.46	8.1	25.0	1.66
F30	15 Feb 2018	43	13.86	85.29	6.8	33.46	8.1	25.0	1.01
F30	15 Feb 2018	44	13.86	85.38	6.8	33.46	8.1	25.0	0.77
F30	15 Feb 2018	45	13.86	85.26	6.8	33.46	8.1	25.0	0.67
F30	15 Feb 2018	46	13.85	85.45	6.8	33.46	8.1	25.0	0.62
F30	15 Feb 2018	47	13.84	85.24	6.8	33.46	8.1	25.0	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F30	15 Feb 2018	48	13.83	84.90	6.8	33.46	8.1	25.0	0.65
F30	15 Feb 2018	49	13.83	84.91	6.8	33.46	8.1	25.0	1.04
F30	15 Feb 2018	50	13.83	84.87	6.8	33.46	8.1	25.0	1.16
F30	15 Feb 2018	51	13.81	84.95	6.8	33.46	8.1	25.0	0.78
F30	15 Feb 2018	52	13.79	84.85	6.7	33.46	8.1	25.0	1.05
F30	15 Feb 2018	53	13.78	85.17	6.7	33.46	8.0	25.0	1.00
F30	15 Feb 2018	54	13.77	85.12	6.7	33.46	8.0	25.0	0.84
F30	15 Feb 2018	55	13.75	85.17	6.7	33.46	8.0	25.0	0.63
F30	15 Feb 2018	56	13.74	85.42	6.7	33.46	8.0	25.0	0.65
F30	15 Feb 2018	57	13.74	85.39	6.7	33.46	8.0	25.1	0.74
F30	15 Feb 2018	58	13.72	85.34	6.7	33.46	8.0	25.1	0.61
F30	15 Feb 2018	59	13.70	85.32	6.6	33.46	8.0	25.1	0.53
F30	15 Feb 2018	60	13.68	85.26	6.6	33.46	8.0	25.1	0.51
F30	15 Feb 2018	61	13.64	85.17	6.6	33.46	8.0	25.1	0.51
F30	15 Feb 2018	62	13.56	85.08	6.5	33.46	8.0	25.1	0.46
F30	15 Feb 2018	63	13.40	84.71	6.3	33.47	8.0	25.1	0.45
F30	15 Feb 2018	64	13.09	84.59	6.1	33.47	8.0	25.2	0.59
F30	15 Feb 2018	65	12.87	83.92	5.9	33.47	8.0	25.2	0.78
F30	15 Feb 2018	66	12.68	83.30	5.8	33.47	8.0	25.3	0.47
F30	15 Feb 2018	67	12.57	82.96	5.7	33.47	8.0	25.3	0.35
F30	15 Feb 2018	68	12.56	82.83	5.7	33.47	8.0	25.3	0.32
F30	15 Feb 2018	69	12.53	82.41	5.6	33.47	8.0	25.3	0.31
F30	15 Feb 2018	70	12.51	82.43	5.6	33.47	8.0	25.3	0.29
F30	15 Feb 2018	71	12.47	82.46	5.6	33.48	8.0	25.3	0.30
F30	15 Feb 2018	72	12.43	82.34	5.5	33.48	7.9	25.3	0.30
F30	15 Feb 2018	73	12.37	82.21	5.5	33.48	7.9	25.3	0.29
F30	15 Feb 2018	74	12.34	82.30	5.5	33.48	7.9	25.3	0.27
F30	15 Feb 2018	75	12.30	82.33	5.4	33.48	7.9	25.4	0.27
F30	15 Feb 2018	76	12.22	82.15	5.4	33.48	7.9	25.4	0.27
F30	15 Feb 2018	77	12.10	81.82	5.3	33.48	7.9	25.4	0.25
F30	15 Feb 2018	78	11.98	81.60	5.2	33.47	7.9	25.4	0.23
F30	15 Feb 2018	79	11.87	81.09	5.0	33.47	7.9	25.4	0.20
F30	15 Feb 2018	80	11.79	80.55	5.0	33.46	7.9	25.4	0.19
F30	15 Feb 2018	81	11.73	80.16	4.9	33.45	7.9	25.4	0.19
F30	15 Feb 2018	82	11.64	80.51	4.8	33.46	7.9	25.5	0.18
F30	15 Feb 2018	83	11.49	80.21	4.7	33.43	7.9	25.5	0.17
F30	15 Feb 2018	84	11.48	79.55	4.7	33.43	7.9	25.5	0.15
F30	15 Feb 2018	85	11.48	79.32	4.7	33.43	7.9	25.5	0.16
F30	15 Feb 2018	86	11.47	79.38	4.7	33.44	7.9	25.5	0.16
F30	15 Feb 2018	87	11.47	79.43	4.7	33.44	7.9	25.5	0.15
F30	15 Feb 2018	88	11.47	79.31	4.7	33.44	7.9	25.5	0.16
F30	15 Feb 2018	89	11.47	79.37	4.7	33.44	7.9	25.5	0.16
F30	15 Feb 2018	90	11.47	79.25	4.7	33.44	7.9	25.5	0.15
F30	15 Feb 2018	91	11.47	79.64	4.7	33.45	7.9	25.5	0.15
F30	15 Feb 2018	92	11.47	79.71	4.7	33.45	7.9	25.5	0.15
F30	15 Feb 2018	93	11.47	79.40	4.7	33.45	7.9	25.5	0.15
F30	15 Feb 2018	94	11.43	79.50	4.7	33.48	7.9	25.5	0.15
F30	15 Feb 2018	95	11.42	79.62	4.7	33.49	7.9	25.5	0.15
F30	15 Feb 2018	96	11.41	79.93	4.8	33.50	7.9	25.5	0.15
F30	15 Feb 2018	97	11.41	80.10	4.8	33.50	7.9	25.5	0.16
F30	15 Feb 2018	98	11.41	80.31	4.8	33.51	7.9	25.5	0.16
F30	15 Feb 2018	99	11.40	80.42	4.8	33.52	7.9	25.6	0.16
F30	15 Feb 2018	100	11.39	80.32	4.8	33.53	7.9	25.6	0.17
F31	15 Feb 2018	1	16.23	85.73	8.0	33.53	8.2	24.6	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	15 Feb 2018	2	16.23	85.80	8.0	33.53	8.2	24.6	0.20
F31	15 Feb 2018	3	16.23	85.84	8.0	33.53	8.2	24.6	0.20
F31	15 Feb 2018	4	16.21	85.83	8.0	33.53	8.2	24.6	0.21
F31	15 Feb 2018	5	16.20	85.83	8.0	33.53	8.2	24.6	0.22
F31	15 Feb 2018	6	16.20	85.81	8.0	33.53	8.2	24.6	0.23
F31	15 Feb 2018	7	16.20	85.80	8.0	33.53	8.2	24.6	0.24
F31	15 Feb 2018	8	16.20	85.80	8.0	33.53	8.2	24.6	0.25
F31	15 Feb 2018	9	16.20	85.81	8.0	33.53	8.2	24.6	0.28
F31	15 Feb 2018	10	16.19	85.74	8.0	33.53	8.2	24.6	0.29
F31	15 Feb 2018	11	16.19	85.72	8.0	33.53	8.2	24.6	0.33
F31	15 Feb 2018	12	16.17	85.72	8.0	33.53	8.2	24.6	0.36
F31	15 Feb 2018	13	16.13	85.62	8.1	33.53	8.2	24.6	0.39
F31	15 Feb 2018	14	16.12	85.61	8.1	33.53	8.2	24.6	0.43
F31	15 Feb 2018	15	16.12	85.61	8.1	33.53	8.2	24.6	0.47
F31	15 Feb 2018	16	16.11	85.64	8.1	33.53	8.2	24.6	0.49
F31	15 Feb 2018	17	16.11	85.66	8.1	33.53	8.2	24.6	0.50
F31	15 Feb 2018	18	16.11	85.65	8.1	33.53	8.2	24.6	0.50
F31	15 Feb 2018	19	16.10	85.72	8.1	33.53	8.2	24.6	0.54
F31	15 Feb 2018	20	16.08	85.72	8.1	33.52	8.2	24.6	0.54
F31	15 Feb 2018	21	16.07	85.79	8.0	33.52	8.2	24.6	0.55
F31	15 Feb 2018	22	16.05	85.76	8.1	33.52	8.2	24.6	0.57
F31	15 Feb 2018	23	16.02	85.77	8.1	33.52	8.2	24.6	0.61
F31	15 Feb 2018	24	15.95	85.68	8.0	33.52	8.2	24.6	0.65
F31	15 Feb 2018	25	15.78	85.62	8.1	33.51	8.2	24.6	0.73
F31	15 Feb 2018	26	15.64	85.48	8.1	33.50	8.2	24.7	0.80
F31	15 Feb 2018	27	15.50	85.29	8.1	33.49	8.2	24.7	0.89
F31	15 Feb 2018	28	15.27	85.03	8.1	33.48	8.2	24.7	1.01
F31	15 Feb 2018	29	15.14	84.87	8.2	33.47	8.2	24.8	1.10
F31	15 Feb 2018	30	15.12	84.89	8.1	33.47	8.2	24.8	1.13
F31	15 Feb 2018	31	15.02	84.97	8.1	33.47	8.2	24.8	1.18
F31	15 Feb 2018	32	14.63	85.02	7.8	33.47	8.1	24.9	1.16
F31	15 Feb 2018	33	14.40	85.29	7.6	33.46	8.1	24.9	1.00
F31	15 Feb 2018	34	14.22	85.84	7.4	33.46	8.1	24.9	0.83
F31	15 Feb 2018	35	14.15	85.84	7.2	33.45	8.1	25.0	0.75
F31	15 Feb 2018	36	14.12	85.56	7.1	33.45	8.1	25.0	0.66
F31	15 Feb 2018	37	14.10	85.16	7.1	33.46	8.1	25.0	0.80
F31	15 Feb 2018	38	14.10	85.29	7.1	33.46	8.1	25.0	0.64
F31	15 Feb 2018	39	14.08	85.08	7.1	33.46	8.1	25.0	0.62
F31	15 Feb 2018	40	14.06	85.21	7.0	33.46	8.1	25.0	0.89
F31	15 Feb 2018	41	14.04	85.10	7.0	33.46	8.1	25.0	0.79
F31	15 Feb 2018	42	14.01	85.08	7.0	33.46	8.1	25.0	0.65
F31	15 Feb 2018	43	13.95	84.78	6.9	33.46	8.1	25.0	1.32
F31	15 Feb 2018	44	13.84	84.75	6.8	33.46	8.1	25.0	1.01
F31	15 Feb 2018	45	13.75	84.91	6.8	33.46	8.1	25.0	0.70
F31	15 Feb 2018	46	13.72	85.47	6.8	33.46	8.1	25.1	1.19
F31	15 Feb 2018	47	13.71	85.37	6.8	33.46	8.1	25.1	1.59
F31	15 Feb 2018	48	13.69	85.46	6.8	33.46	8.1	25.1	1.14
F31	15 Feb 2018	49	13.68	85.46	6.8	33.46	8.1	25.1	0.87
F31	15 Feb 2018	50	13.66	85.51	6.7	33.46	8.0	25.1	0.92
F31	15 Feb 2018	51	13.60	85.33	6.7	33.46	8.0	25.1	1.13
F31	15 Feb 2018	52	13.57	85.22	6.6	33.46	8.0	25.1	1.42
F31	15 Feb 2018	53	13.53	85.42	6.6	33.46	8.0	25.1	0.82
F31	15 Feb 2018	54	13.50	85.42	6.5	33.46	8.0	25.1	0.94
F31	15 Feb 2018	55	13.39	85.38	6.4	33.46	8.0	25.1	1.04
F31	15 Feb 2018	56	13.15	85.24	6.3	33.47	8.0	25.2	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	15 Feb 2018	57	13.09	84.58	6.2	33.47	8.0	25.2	0.56
F31	15 Feb 2018	58	13.01	84.48	6.1	33.47	8.0	25.2	0.51
F31	15 Feb 2018	59	12.94	84.19	6.1	33.47	8.0	25.2	0.59
F31	15 Feb 2018	60	12.84	83.98	6.0	33.47	8.0	25.2	0.89
F31	15 Feb 2018	61	12.75	83.33	5.9	33.47	8.0	25.3	0.53
F31	15 Feb 2018	62	12.71	83.15	5.9	33.47	8.0	25.3	0.47
F31	15 Feb 2018	63	12.66	83.00	5.9	33.47	8.0	25.3	0.43
F31	15 Feb 2018	64	12.64	83.21	5.8	33.47	8.0	25.3	0.41
F31	15 Feb 2018	65	12.62	83.26	5.8	33.47	8.0	25.3	0.40
F31	15 Feb 2018	66	12.59	83.03	5.8	33.48	8.0	25.3	0.40
F31	15 Feb 2018	67	12.57	82.97	5.8	33.48	8.0	25.3	0.40
F31	15 Feb 2018	68	12.54	82.93	5.8	33.48	8.0	25.3	0.40
F31	15 Feb 2018	69	12.51	83.06	5.8	33.48	8.0	25.3	0.40
F31	15 Feb 2018	70	12.47	82.93	5.7	33.48	8.0	25.3	0.39
F31	15 Feb 2018	71	12.46	82.32	5.7	33.48	8.0	25.3	0.38
F31	15 Feb 2018	72	12.43	81.89	5.6	33.48	8.0	25.3	0.39
F31	15 Feb 2018	73	12.27	81.32	5.4	33.48	7.9	25.4	0.33
F31	15 Feb 2018	74	12.16	80.28	5.3	33.47	7.9	25.4	0.42
F31	15 Feb 2018	75	12.11	79.61	5.2	33.48	7.9	25.4	0.53
F31	15 Feb 2018	76	11.98	80.00	5.2	33.48	7.9	25.4	0.30
F31	15 Feb 2018	77	11.97	80.02	5.1	33.47	7.9	25.4	0.26
F31	15 Feb 2018	78	11.96	80.14	5.1	33.47	7.9	25.4	0.26
F31	15 Feb 2018	79	11.97	80.11	5.1	33.47	7.9	25.4	0.25
F31	15 Feb 2018	80	11.97	80.08	5.1	33.47	7.9	25.4	0.24
F31	15 Feb 2018	81	11.93	79.99	5.1	33.48	7.9	25.4	0.23
F31	15 Feb 2018	82	11.82	79.88	5.0	33.48	7.9	25.4	0.33
F31	15 Feb 2018	83	11.73	79.76	4.9	33.48	7.9	25.5	0.25
F31	15 Feb 2018	84	11.65	79.82	4.8	33.48	7.9	25.5	0.19
F31	15 Feb 2018	85	11.62	80.03	4.8	33.48	7.9	25.5	0.19
F31	15 Feb 2018	86	11.60	80.37	4.8	33.48	7.9	25.5	0.19
F31	15 Feb 2018	87	11.58	80.38	4.8	33.49	7.9	25.5	0.16
F31	15 Feb 2018	88	11.58	79.85	4.8	33.49	7.9	25.5	0.17
F31	15 Feb 2018	89	11.59	79.30	4.8	33.49	7.9	25.5	0.22
F31	15 Feb 2018	90	11.62	79.18	4.8	33.50	7.9	25.5	0.26
F31	15 Feb 2018	91	11.60	78.66	4.7	33.51	7.9	25.5	0.18
F31	15 Feb 2018	92	11.53	78.52	4.7	33.50	7.9	25.5	0.16
F31	15 Feb 2018	93	11.47	78.83	4.7	33.49	7.9	25.5	0.14
F31	15 Feb 2018	94	11.48	78.98	4.7	33.50	7.9	25.5	0.15
F31	15 Feb 2018	95	11.53	78.20	4.7	33.53	7.9	25.5	0.15
F31	15 Feb 2018	96	11.49	76.56	4.7	33.54	7.9	25.6	0.16
F31	15 Feb 2018	97	11.44	74.73	4.6	33.54	7.9	25.6	0.15
F31	15 Feb 2018	98	11.30	74.89	4.6	33.55	7.8	25.6	0.14
F31	15 Feb 2018	99	11.20	76.39	4.6	33.55	7.8	25.6	0.13
F31	15 Feb 2018	100	11.14	78.52	4.6	33.55	7.8	25.6	0.12
F32	15 Feb 2018	1	16.10	85.25	8.1	33.51	8.2	24.6	0.26
F32	15 Feb 2018	2	16.10	85.49	8.1	33.51	8.2	24.6	0.27
F32	15 Feb 2018	3	16.08	85.53	8.1	33.51	8.2	24.6	0.28
F32	15 Feb 2018	4	16.07	85.61	8.1	33.51	8.2	24.6	0.29
F32	15 Feb 2018	5	16.06	85.50	8.1	33.51	8.2	24.6	0.30
F32	15 Feb 2018	6	16.05	85.53	8.1	33.51	8.2	24.6	0.31
F32	15 Feb 2018	7	16.05	85.04	8.1	33.51	8.2	24.6	0.32
F32	15 Feb 2018	8	16.05	85.52	8.1	33.51	8.2	24.6	0.34
F32	15 Feb 2018	9	16.04	85.58	8.1	33.51	8.2	24.6	0.35
F32	15 Feb 2018	10	16.04	85.53	8.1	33.51	8.2	24.6	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	15 Feb 2018	11	16.03	85.56	8.1	33.51	8.2	24.6	0.39
F32	15 Feb 2018	12	16.03	85.54	8.1	33.51	8.2	24.6	0.41
F32	15 Feb 2018	13	16.02	85.55	8.1	33.51	8.2	24.6	0.45
F32	15 Feb 2018	14	16.02	85.60	8.1	33.51	8.2	24.6	0.45
F32	15 Feb 2018	15	16.02	85.57	8.1	33.51	8.2	24.6	0.47
F32	15 Feb 2018	16	16.02	85.60	8.1	33.51	8.2	24.6	0.48
F32	15 Feb 2018	17	16.01	85.57	8.1	33.51	8.2	24.6	0.49
F32	15 Feb 2018	18	16.01	85.59	8.1	33.51	8.2	24.6	0.51
F32	15 Feb 2018	19	16.01	85.52	8.1	33.51	8.2	24.6	0.53
F32	15 Feb 2018	20	16.00	85.57	8.1	33.51	8.2	24.6	0.54
F32	15 Feb 2018	21	15.98	85.53	8.1	33.51	8.2	24.6	0.57
F32	15 Feb 2018	22	15.95	85.53	8.2	33.51	8.2	24.6	0.60
F32	15 Feb 2018	23	15.92	85.43	8.2	33.51	8.2	24.6	0.61
F32	15 Feb 2018	24	15.90	85.43	8.2	33.51	8.2	24.6	0.68
F32	15 Feb 2018	25	15.89	85.36	8.1	33.51	8.2	24.6	0.70
F32	15 Feb 2018	26	15.88	85.31	8.1	33.51	8.2	24.6	0.74
F32	15 Feb 2018	27	15.87	85.25	8.1	33.50	8.2	24.6	0.79
F32	15 Feb 2018	28	15.86	85.21	8.1	33.50	8.2	24.6	0.79
F32	15 Feb 2018	29	15.75	84.98	8.1	33.50	8.2	24.7	0.85
F32	15 Feb 2018	30	15.56	84.99	8.1	33.49	8.2	24.7	0.95
F32	15 Feb 2018	31	15.43	84.80	8.1	33.48	8.2	24.7	1.02
F32	15 Feb 2018	32	15.24	84.71	8.1	33.48	8.2	24.8	1.07
F32	15 Feb 2018	33	14.99	84.67	8.1	33.47	8.2	24.8	1.14
F32	15 Feb 2018	34	14.90	84.79	8.0	33.47	8.2	24.8	1.20
F32	15 Feb 2018	35	14.66	85.02	7.8	33.47	8.1	24.9	1.15
F32	15 Feb 2018	36	14.46	85.45	7.6	33.46	8.1	24.9	1.00
F32	15 Feb 2018	37	14.32	85.57	7.4	33.46	8.1	24.9	1.21
F32	15 Feb 2018	38	14.28	85.16	7.3	33.46	8.1	24.9	0.99
F32	15 Feb 2018	39	14.23	85.18	7.2	33.46	8.1	24.9	1.10
F32	15 Feb 2018	40	14.22	85.27	7.2	33.46	8.1	24.9	1.09
F32	15 Feb 2018	41	14.20	84.98	7.2	33.46	8.1	25.0	0.78
F32	15 Feb 2018	42	14.16	85.19	7.2	33.46	8.1	25.0	0.91
F32	15 Feb 2018	43	14.08	85.40	7.1	33.46	8.1	25.0	1.54
F32	15 Feb 2018	44	14.01	85.19	7.0	33.46	8.1	25.0	1.12
F32	15 Feb 2018	45	14.00	85.22	7.0	33.46	8.1	25.0	0.92
F32	15 Feb 2018	46	13.95	85.32	7.0	33.46	8.1	25.0	1.06
F32	15 Feb 2018	47	13.88	85.23	6.9	33.46	8.1	25.0	1.58
F32	15 Feb 2018	48	13.77	85.27	6.8	33.46	8.1	25.0	1.37
F32	15 Feb 2018	49	13.65	85.21	6.8	33.46	8.1	25.1	1.55
F32	15 Feb 2018	50	13.60	85.59	6.7	33.46	8.0	25.1	1.08
F32	15 Feb 2018	51	13.55	85.59	6.7	33.45	8.0	25.1	0.90
F32	15 Feb 2018	52	13.52	85.65	6.6	33.45	8.0	25.1	1.04
F32	15 Feb 2018	53	13.50	85.61	6.6	33.45	8.0	25.1	1.87
F32	15 Feb 2018	54	13.49	85.70	6.6	33.46	8.0	25.1	1.65
F32	15 Feb 2018	55	13.46	85.77	6.6	33.46	8.0	25.1	1.08
F32	15 Feb 2018	56	13.41	85.37	6.5	33.46	8.0	25.1	0.82
F32	15 Feb 2018	57	13.35	85.72	6.4	33.46	8.0	25.1	0.74
F32	15 Feb 2018	58	13.20	85.85	6.4	33.47	8.0	25.2	0.74
F32	15 Feb 2018	59	13.11	85.98	6.3	33.46	8.0	25.2	0.76
F32	15 Feb 2018	60	13.04	86.17	6.2	33.46	8.0	25.2	0.69
F32	15 Feb 2018	61	12.92	86.35	6.2	33.47	8.0	25.2	0.69
F32	15 Feb 2018	62	12.85	86.45	6.1	33.47	8.0	25.2	0.64
F32	15 Feb 2018	63	12.80	86.58	6.1	33.47	8.0	25.2	0.58
F32	15 Feb 2018	64	12.76	86.53	6.0	33.47	8.0	25.3	0.54
F32	15 Feb 2018	65	12.73	86.65	6.0	33.47	8.0	25.3	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	15 Feb 2018	66	12.72	86.68	6.0	33.47	8.0	25.3	0.50
F32	15 Feb 2018	67	12.72	86.65	6.0	33.47	8.0	25.3	0.51
F32	15 Feb 2018	68	12.70	86.70	6.0	33.47	8.0	25.3	0.51
F32	15 Feb 2018	69	12.67	86.70	6.0	33.47	8.0	25.3	0.47
F32	15 Feb 2018	70	12.65	86.69	6.0	33.47	8.0	25.3	0.46
F32	15 Feb 2018	71	12.64	86.73	6.0	33.47	8.0	25.3	0.45
F32	15 Feb 2018	72	12.63	86.66	5.9	33.47	8.0	25.3	0.46
F32	15 Feb 2018	73	12.61	86.70	5.9	33.48	8.0	25.3	0.45
F32	15 Feb 2018	74	12.59	86.72	5.9	33.48	8.0	25.3	0.44
F32	15 Feb 2018	75	12.55	86.63	5.9	33.48	8.0	25.3	0.44
F32	15 Feb 2018	76	12.52	86.69	5.9	33.48	8.0	25.3	0.45
F32	15 Feb 2018	77	12.48	86.69	5.9	33.48	8.0	25.3	0.46
F32	15 Feb 2018	78	12.43	86.66	5.8	33.48	8.0	25.3	0.46
F32	15 Feb 2018	79	12.39	86.35	5.8	33.48	8.0	25.3	0.44
F32	15 Feb 2018	80	12.34	85.51	5.8	33.48	8.0	25.3	0.41
F32	15 Feb 2018	81	12.28	84.81	5.7	33.48	8.0	25.4	0.41
F32	15 Feb 2018	82	12.20	84.19	5.7	33.49	8.0	25.4	0.38
F32	15 Feb 2018	83	12.13	83.57	5.6	33.49	7.9	25.4	0.36
F32	15 Feb 2018	84	12.09	82.59	5.5	33.49	7.9	25.4	0.36
F32	15 Feb 2018	85	12.05	81.70	5.5	33.50	7.9	25.4	0.34
F32	15 Feb 2018	86	12.03	81.24	5.4	33.50	7.9	25.4	0.34
F32	15 Feb 2018	87	12.02	80.24	5.4	33.50	7.9	25.4	0.32
F32	15 Feb 2018	88	11.99	80.09	5.3	33.50	7.9	25.4	0.31
F32	15 Feb 2018	89	11.88	79.41	5.2	33.51	7.9	25.5	0.28
F32	15 Feb 2018	90	11.75	78.94	5.0	33.51	7.9	25.5	0.25
F32	15 Feb 2018	91	11.66	77.39	4.9	33.52	7.9	25.5	0.23
F32	15 Feb 2018	92	11.62	76.78	4.9	33.52	7.9	25.5	0.22
F32	15 Feb 2018	93	11.59	76.04	4.9	33.52	7.9	25.5	0.21
F32	15 Feb 2018	94	11.56	75.68	4.9	33.52	7.9	25.5	0.21
F32	15 Feb 2018	95	11.50	75.56	4.9	33.53	7.9	25.5	0.23
F32	15 Feb 2018	96	11.44	76.07	4.8	33.53	7.9	25.6	0.20
F32	15 Feb 2018	97	11.30	76.22	4.7	33.54	7.9	25.6	0.18
F32	15 Feb 2018	98	11.19	76.76	4.6	33.53	7.8	25.6	0.15
F32	15 Feb 2018	99	11.18	77.46	4.6	33.53	7.8	25.6	0.14
F32	15 Feb 2018	100	11.08	77.46	4.5	33.56	7.8	25.6	0.14
F32	15 Feb 2018	101	11.02	75.13	4.6	33.58	7.8	25.7	0.13
F33	15 Feb 2018	1	16.08	85.39	8.1	33.51	8.2	24.6	0.29
F33	15 Feb 2018	2	16.08	85.26	8.1	33.51	8.2	24.6	0.30
F33	15 Feb 2018	3	16.08	85.40	8.1	33.51	8.2	24.6	0.30
F33	15 Feb 2018	4	16.08	85.46	8.1	33.51	8.2	24.6	0.30
F33	15 Feb 2018	5	16.06	85.28	8.1	33.51	8.2	24.6	0.34
F33	15 Feb 2018	6	16.05	85.45	8.1	33.51	8.2	24.6	0.33
F33	15 Feb 2018	7	16.05	85.45	8.1	33.51	8.2	24.6	0.35
F33	15 Feb 2018	8	16.04	85.43	8.1	33.51	8.2	24.6	0.38
F33	15 Feb 2018	9	16.04	85.44	8.1	33.51	8.2	24.6	0.39
F33	15 Feb 2018	10	16.04	85.45	8.1	33.51	8.2	24.6	0.40
F33	15 Feb 2018	11	16.04	85.44	8.1	33.51	8.2	24.6	0.41
F33	15 Feb 2018	12	16.04	85.37	8.1	33.51	8.2	24.6	0.45
F33	15 Feb 2018	13	16.04	85.34	8.1	33.51	8.2	24.6	0.47
F33	15 Feb 2018	14	16.03	85.43	8.1	33.51	8.2	24.6	0.47
F33	15 Feb 2018	15	16.03	85.21	8.1	33.51	8.2	24.6	0.50
F33	15 Feb 2018	16	16.02	85.37	8.1	33.51	8.2	24.6	0.53
F33	15 Feb 2018	17	16.02	85.40	8.1	33.51	8.2	24.6	0.54
F33	15 Feb 2018	18	16.01	85.31	8.1	33.51	8.2	24.6	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	15 Feb 2018	19	16.01	85.27	8.1	33.51	8.2	24.6	0.58
F33	15 Feb 2018	20	15.97	85.21	8.1	33.51	8.2	24.6	0.66
F33	15 Feb 2018	21	15.92	85.17	8.1	33.51	8.2	24.6	0.70
F33	15 Feb 2018	22	15.90	84.99	8.1	33.51	8.2	24.6	0.73
F33	15 Feb 2018	23	15.87	85.10	8.1	33.50	8.2	24.6	0.74
F33	15 Feb 2018	24	15.82	85.13	8.1	33.50	8.2	24.6	0.78
F33	15 Feb 2018	25	15.79	85.20	8.2	33.50	8.2	24.6	0.80
F33	15 Feb 2018	26	15.76	85.22	8.1	33.50	8.2	24.6	0.83
F33	15 Feb 2018	27	15.64	85.11	8.1	33.50	8.2	24.7	0.85
F33	15 Feb 2018	28	15.56	85.25	8.1	33.49	8.2	24.7	0.91
F33	15 Feb 2018	29	15.36	85.07	8.1	33.49	8.2	24.7	0.96
F33	15 Feb 2018	30	15.11	85.02	8.1	33.47	8.2	24.8	1.08
F33	15 Feb 2018	31	14.99	84.68	8.0	33.47	8.2	24.8	1.15
F33	15 Feb 2018	32	14.80	84.63	8.0	33.46	8.1	24.8	1.31
F33	15 Feb 2018	33	14.71	84.57	8.0	33.46	8.1	24.8	1.46
F33	15 Feb 2018	34	14.55	84.71	7.9	33.46	8.1	24.9	1.51
F33	15 Feb 2018	35	14.45	84.32	7.8	33.45	8.1	24.9	1.93
F33	15 Feb 2018	36	14.36	83.62	7.6	33.45	8.1	24.9	2.02
F33	15 Feb 2018	37	14.19	84.00	7.4	33.46	8.1	25.0	1.68
F33	15 Feb 2018	38	14.11	84.84	7.3	33.45	8.1	25.0	1.27
F33	15 Feb 2018	39	14.09	84.95	7.2	33.46	8.1	25.0	1.11
F33	15 Feb 2018	40	14.05	85.03	7.2	33.46	8.1	25.0	1.08
F33	15 Feb 2018	41	14.01	84.80	7.1	33.46	8.1	25.0	1.13
F33	15 Feb 2018	42	13.98	84.93	7.1	33.46	8.1	25.0	1.03
F33	15 Feb 2018	43	13.96	84.95	7.0	33.46	8.1	25.0	0.98
F33	15 Feb 2018	44	13.93	84.80	7.0	33.46	8.1	25.0	1.20
F33	15 Feb 2018	45	13.90	84.98	7.0	33.46	8.1	25.0	1.12
F33	15 Feb 2018	46	13.78	84.87	6.9	33.46	8.1	25.0	1.76
F33	15 Feb 2018	47	13.57	84.79	6.8	33.46	8.1	25.1	1.73
F33	15 Feb 2018	48	13.53	84.91	6.7	33.45	8.0	25.1	1.25
F33	15 Feb 2018	49	13.51	85.37	6.7	33.45	8.0	25.1	1.02
F33	15 Feb 2018	50	13.48	85.11	6.7	33.45	8.0	25.1	0.96
F33	15 Feb 2018	51	13.47	85.57	6.6	33.45	8.0	25.1	1.03
F33	15 Feb 2018	52	13.46	85.71	6.6	33.45	8.0	25.1	1.55
F33	15 Feb 2018	53	13.42	85.76	6.6	33.46	8.0	25.1	1.30
F33	15 Feb 2018	54	13.35	85.55	6.5	33.46	8.0	25.1	1.54
F33	15 Feb 2018	55	13.26	86.01	6.4	33.46	8.0	25.1	1.39
F33	15 Feb 2018	56	13.18	85.97	6.3	33.46	8.0	25.2	1.09
F33	15 Feb 2018	57	13.08	86.12	6.3	33.46	8.0	25.2	0.87
F33	15 Feb 2018	58	13.05	86.16	6.2	33.46	8.0	25.2	0.97
F33	15 Feb 2018	59	13.02	86.34	6.2	33.46	8.0	25.2	1.10
F33	15 Feb 2018	60	13.00	86.40	6.2	33.46	8.0	25.2	0.88
F33	15 Feb 2018	61	13.00	86.38	6.2	33.46	8.0	25.2	0.90
F33	15 Feb 2018	62	12.99	86.25	6.2	33.47	8.0	25.2	0.90
F33	15 Feb 2018	63	12.97	86.26	6.2	33.47	8.0	25.2	0.78
F33	15 Feb 2018	64	12.86	86.40	6.1	33.47	8.0	25.2	0.70
F33	15 Feb 2018	65	12.82	86.60	6.1	33.47	8.0	25.2	0.69
F33	15 Feb 2018	66	12.80	86.56	6.1	33.47	8.0	25.2	0.65
F33	15 Feb 2018	67	12.79	86.56	6.1	33.47	8.0	25.2	0.60
F33	15 Feb 2018	68	12.78	86.58	6.0	33.47	8.0	25.3	0.58
F33	15 Feb 2018	69	12.75	86.57	6.0	33.47	8.0	25.3	0.59
F33	15 Feb 2018	70	12.72	86.63	6.0	33.47	8.0	25.3	0.56
F33	15 Feb 2018	71	12.68	86.63	6.0	33.47	8.0	25.3	0.52
F33	15 Feb 2018	72	12.64	86.68	6.0	33.47	8.0	25.3	0.52
F33	15 Feb 2018	73	12.61	86.62	5.9	33.47	8.0	25.3	0.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	15 Feb 2018	74	12.54	86.65	5.9	33.48	8.0	25.3	0.51
F33	15 Feb 2018	75	12.49	86.71	5.9	33.48	8.0	25.3	0.45
F33	15 Feb 2018	76	12.47	86.61	5.8	33.48	8.0	25.3	0.43
F33	15 Feb 2018	77	12.43	86.73	5.8	33.48	8.0	25.3	0.43
F33	15 Feb 2018	78	12.40	86.77	5.8	33.48	8.0	25.3	0.44
F33	15 Feb 2018	79	12.35	86.77	5.8	33.48	8.0	25.3	0.45
F33	15 Feb 2018	80	12.23	86.83	5.7	33.49	8.0	25.4	0.41
F33	15 Feb 2018	81	12.22	86.76	5.7	33.48	8.0	25.4	0.44
F33	15 Feb 2018	82	12.19	86.75	5.7	33.48	8.0	25.4	0.50
F33	15 Feb 2018	83	12.13	86.64	5.6	33.49	7.9	25.4	0.49
F33	15 Feb 2018	84	12.07	86.57	5.6	33.49	7.9	25.4	0.45
F33	15 Feb 2018	85	12.05	86.33	5.6	33.49	7.9	25.4	0.42
F33	15 Feb 2018	86	12.04	86.29	5.6	33.49	7.9	25.4	0.41
F33	15 Feb 2018	87	12.02	86.21	5.6	33.49	7.9	25.4	0.38
F33	15 Feb 2018	88	12.02	85.90	5.6	33.49	7.9	25.4	0.39
F33	15 Feb 2018	89	12.02	85.92	5.6	33.49	7.9	25.4	0.38
F33	15 Feb 2018	90	12.02	86.01	5.6	33.49	7.9	25.4	0.38
F33	15 Feb 2018	91	12.02	85.79	5.6	33.49	7.9	25.4	0.37
F33	15 Feb 2018	92	12.01	85.80	5.6	33.49	7.9	25.4	0.36
F33	15 Feb 2018	93	12.01	85.64	5.6	33.49	7.9	25.4	0.39
F33	15 Feb 2018	94	12.00	85.52	5.6	33.49	7.9	25.4	0.39
F33	15 Feb 2018	95	11.99	85.26	5.5	33.49	7.9	25.4	0.37
F33	15 Feb 2018	96	11.97	84.92	5.5	33.49	7.9	25.4	0.37
F33	15 Feb 2018	97	11.89	84.12	5.5	33.50	7.9	25.4	0.35
F33	15 Feb 2018	98	11.84	80.96	5.4	33.50	7.9	25.5	0.34
F33	15 Feb 2018	99	11.74	79.83	5.4	33.51	7.9	25.5	0.31
F33	15 Feb 2018	100	11.64	76.90	5.3	33.52	7.9	25.5	0.31
F33	15 Feb 2018	101	11.47	74.09	5.2	33.54	7.9	25.6	0.28
F34	15 Feb 2018	1	16.04	85.78	8.1	33.51	8.2	24.6	0.21
F34	15 Feb 2018	2	16.04	85.59	8.1	33.51	8.2	24.6	0.22
F34	15 Feb 2018	3	16.03	85.68	8.1	33.51	8.2	24.6	0.23
F34	15 Feb 2018	4	16.03	85.76	8.2	33.51	8.2	24.6	0.25
F34	15 Feb 2018	5	16.02	85.77	8.2	33.51	8.2	24.6	0.28
F34	15 Feb 2018	6	16.01	85.69	8.2	33.51	8.2	24.6	0.29
F34	15 Feb 2018	7	15.99	85.71	8.1	33.51	8.2	24.6	0.31
F34	15 Feb 2018	8	15.98	85.65	8.2	33.51	8.2	24.6	0.35
F34	15 Feb 2018	9	15.97	85.63	8.2	33.50	8.2	24.6	0.38
F34	15 Feb 2018	10	15.94	85.56	8.2	33.50	8.2	24.6	0.40
F34	15 Feb 2018	11	15.92	85.51	8.2	33.50	8.2	24.6	0.44
F34	15 Feb 2018	12	15.91	85.32	8.2	33.50	8.2	24.6	0.47
F34	15 Feb 2018	13	15.91	85.43	8.2	33.50	8.2	24.6	0.49
F34	15 Feb 2018	14	15.91	85.42	8.2	33.50	8.2	24.6	0.50
F34	15 Feb 2018	15	15.91	85.39	8.2	33.50	8.2	24.6	0.54
F34	15 Feb 2018	16	15.91	85.31	8.2	33.50	8.2	24.6	0.56
F34	15 Feb 2018	17	15.91	85.39	8.2	33.50	8.2	24.6	0.58
F34	15 Feb 2018	18	15.90	85.43	8.2	33.50	8.2	24.6	0.61
F34	15 Feb 2018	19	15.90	85.31	8.2	33.50	8.2	24.6	0.61
F34	15 Feb 2018	20	15.89	85.37	8.2	33.50	8.2	24.6	0.64
F34	15 Feb 2018	21	15.89	85.44	8.2	33.50	8.2	24.6	0.65
F34	15 Feb 2018	22	15.88	85.38	8.2	33.50	8.2	24.6	0.67
F34	15 Feb 2018	23	15.85	85.36	8.1	33.50	8.2	24.6	0.70
F34	15 Feb 2018	24	15.84	85.39	8.2	33.50	8.2	24.6	0.70
F34	15 Feb 2018	25	15.82	85.35	8.1	33.50	8.2	24.6	0.74
F34	15 Feb 2018	26	15.79	85.35	8.2	33.50	8.2	24.6	0.78

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	15 Feb 2018	27	15.72	85.21	8.1	33.50	8.2	24.7	0.82
F34	15 Feb 2018	28	15.43	85.07	8.1	33.49	8.2	24.7	0.91
F34	15 Feb 2018	29	15.23	84.95	8.1	33.48	8.2	24.7	1.05
F34	15 Feb 2018	30	14.98	84.71	8.1	33.47	8.2	24.8	1.32
F34	15 Feb 2018	31	14.83	84.21	8.0	33.46	8.1	24.8	1.81
F34	15 Feb 2018	32	14.70	83.83	7.9	33.46	8.1	24.8	1.94
F34	15 Feb 2018	33	14.41	83.56	7.7	33.45	8.1	24.9	1.87
F34	15 Feb 2018	34	14.24	83.93	7.6	33.45	8.1	24.9	1.84
F34	15 Feb 2018	35	14.19	84.08	7.5	33.45	8.1	24.9	1.83
F34	15 Feb 2018	36	14.15	84.30	7.5	33.45	8.1	25.0	1.93
F34	15 Feb 2018	37	14.12	84.29	7.5	33.45	8.1	25.0	2.01
F34	15 Feb 2018	38	14.11	84.18	7.5	33.45	8.1	25.0	1.85
F34	15 Feb 2018	39	14.09	84.36	7.4	33.45	8.1	25.0	2.01
F34	15 Feb 2018	40	13.88	84.26	7.2	33.45	8.1	25.0	2.73
F34	15 Feb 2018	41	13.56	83.90	6.8	33.45	8.1	25.1	3.23
F34	15 Feb 2018	42	13.48	84.23	6.7	33.45	8.0	25.1	3.05
F34	15 Feb 2018	43	13.43	84.13	6.7	33.45	8.0	25.1	3.21
F34	15 Feb 2018	44	13.39	85.17	6.6	33.45	8.0	25.1	2.46
F34	15 Feb 2018	45	13.38	85.50	6.6	33.45	8.0	25.1	2.39
F34	15 Feb 2018	46	13.29	85.53	6.5	33.46	8.0	25.1	1.43
F34	15 Feb 2018	47	13.21	85.82	6.4	33.46	8.0	25.2	1.12
F34	15 Feb 2018	48	13.18	85.88	6.4	33.46	8.0	25.2	0.99
F34	15 Feb 2018	49	13.16	85.95	6.4	33.46	8.0	25.2	1.02
F34	15 Feb 2018	50	13.13	86.11	6.3	33.46	8.0	25.2	0.90
F34	15 Feb 2018	51	13.11	86.17	6.3	33.46	8.0	25.2	0.81
F34	15 Feb 2018	52	13.08	86.38	6.3	33.46	8.0	25.2	0.76
F34	15 Feb 2018	53	13.06	86.29	6.3	33.46	8.0	25.2	0.74
F34	15 Feb 2018	54	13.05	86.51	6.3	33.46	8.0	25.2	0.75
F34	15 Feb 2018	55	13.00	86.39	6.2	33.46	8.0	25.2	0.73
F34	15 Feb 2018	56	12.95	86.36	6.2	33.47	8.0	25.2	0.77
F34	15 Feb 2018	57	12.92	86.41	6.2	33.47	8.0	25.2	0.71
F34	15 Feb 2018	58	12.88	86.52	6.1	33.47	8.0	25.2	0.69
F34	15 Feb 2018	59	12.83	86.58	6.1	33.47	8.0	25.2	0.71
F34	15 Feb 2018	60	12.78	86.51	6.0	33.47	8.0	25.2	0.66
F34	15 Feb 2018	61	12.77	86.62	6.0	33.47	8.0	25.3	0.62
F34	15 Feb 2018	62	12.76	86.68	6.0	33.47	8.0	25.3	0.60
F34	15 Feb 2018	63	12.75	86.69	6.0	33.47	8.0	25.3	0.59
F34	15 Feb 2018	64	12.75	86.65	6.0	33.47	8.0	25.3	0.58
F34	15 Feb 2018	65	12.75	86.71	6.0	33.47	8.0	25.3	0.58
F34	15 Feb 2018	66	12.73	86.65	6.0	33.47	8.0	25.3	0.57
F34	15 Feb 2018	67	12.68	86.65	6.0	33.47	8.0	25.3	0.54
F34	15 Feb 2018	68	12.66	86.75	6.0	33.47	8.0	25.3	0.55
F34	15 Feb 2018	69	12.66	86.74	6.0	33.47	8.0	25.3	0.53
F34	15 Feb 2018	70	12.65	86.75	6.0	33.47	8.0	25.3	0.53
F34	15 Feb 2018	71	12.61	86.73	5.9	33.47	8.0	25.3	0.52
F34	15 Feb 2018	72	12.56	86.74	5.9	33.48	8.0	25.3	0.73
F34	15 Feb 2018	73	12.51	86.70	5.9	33.48	8.0	25.3	0.66
F34	15 Feb 2018	74	12.46	86.83	5.8	33.48	8.0	25.3	0.48
F34	15 Feb 2018	75	12.43	86.89	5.8	33.48	8.0	25.3	0.45
F34	15 Feb 2018	76	12.40	86.86	5.8	33.48	8.0	25.3	0.44
F34	15 Feb 2018	77	12.35	86.86	5.8	33.48	8.0	25.3	0.45
F34	15 Feb 2018	78	12.27	86.84	5.7	33.48	8.0	25.4	0.44
F34	15 Feb 2018	79	12.22	86.82	5.7	33.49	8.0	25.4	0.45
F34	15 Feb 2018	80	12.19	86.84	5.7	33.49	7.9	25.4	0.43
F34	15 Feb 2018	81	12.12	86.87	5.6	33.49	7.9	25.4	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	15 Feb 2018	82	12.07	86.89	5.6	33.49	7.9	25.4	0.40
F34	15 Feb 2018	83	12.04	86.89	5.6	33.49	7.9	25.4	0.41
F34	15 Feb 2018	84	12.00	86.87	5.6	33.49	7.9	25.4	0.40
F34	15 Feb 2018	85	11.99	86.86	5.6	33.49	7.9	25.4	0.40
F34	15 Feb 2018	86	11.97	86.88	5.5	33.50	7.9	25.4	0.39
F34	15 Feb 2018	87	11.96	86.90	5.5	33.50	7.9	25.4	0.38
F34	15 Feb 2018	88	11.91	86.90	5.5	33.50	7.9	25.4	0.37
F34	15 Feb 2018	89	11.86	86.85	5.4	33.51	7.9	25.5	0.36
F34	15 Feb 2018	90	11.81	86.82	5.4	33.51	7.9	25.5	0.36
F34	15 Feb 2018	91	11.77	86.76	5.4	33.52	7.9	25.5	0.33
F34	15 Feb 2018	92	11.73	86.76	5.4	33.52	7.9	25.5	0.31
F34	15 Feb 2018	93	11.69	86.76	5.3	33.52	7.9	25.5	0.29
F34	15 Feb 2018	94	11.68	86.81	5.3	33.52	7.9	25.5	0.28
F34	15 Feb 2018	95	11.67	86.76	5.3	33.52	7.9	25.5	0.27
F34	15 Feb 2018	96	11.66	86.73	5.3	33.52	7.9	25.5	0.27
F34	15 Feb 2018	97	11.65	86.74	5.3	33.52	7.9	25.5	0.25
F34	15 Feb 2018	98	11.62	86.65	5.2	33.53	7.9	25.5	0.24
F34	15 Feb 2018	99	11.60	86.63	5.3	33.53	7.9	25.5	0.25
F34	15 Feb 2018	100	11.57	86.42	5.3	33.53	7.9	25.5	0.25
F34	15 Feb 2018	101	11.51	85.95	5.3	33.53	7.9	25.5	0.26
F34	15 Feb 2018	102	11.46	85.84	5.2	33.53	7.9	25.6	0.26
F35	15 Feb 2018	1	16.16	85.92	8.0	33.52	8.2	24.6	0.24
F35	15 Feb 2018	2	16.15	85.95	8.0	33.52	8.2	24.6	0.24
F35	15 Feb 2018	3	16.14	85.91	8.1	33.52	8.2	24.6	0.24
F35	15 Feb 2018	4	16.14	85.84	8.1	33.52	8.2	24.6	0.25
F35	15 Feb 2018	5	16.13	85.85	8.1	33.52	8.2	24.6	0.27
F35	15 Feb 2018	6	16.13	85.79	8.1	33.52	8.2	24.6	0.29
F35	15 Feb 2018	7	16.12	85.77	8.1	33.52	8.2	24.6	0.31
F35	15 Feb 2018	8	16.12	85.87	8.1	33.52	8.2	24.6	0.34
F35	15 Feb 2018	9	16.12	85.84	8.1	33.52	8.2	24.6	0.35
F35	15 Feb 2018	10	16.12	85.81	8.1	33.51	8.2	24.6	0.35
F35	15 Feb 2018	11	16.12	85.88	8.1	33.51	8.2	24.6	0.38
F35	15 Feb 2018	12	16.12	85.87	8.1	33.51	8.2	24.6	0.38
F35	15 Feb 2018	13	16.11	85.82	8.1	33.51	8.2	24.6	0.41
F35	15 Feb 2018	14	16.11	85.80	8.1	33.51	8.2	24.6	0.42
F35	15 Feb 2018	15	16.11	85.82	8.1	33.51	8.2	24.6	0.41
F35	15 Feb 2018	16	16.11	85.79	8.1	33.51	8.2	24.6	0.42
F35	15 Feb 2018	17	16.11	85.80	8.1	33.51	8.2	24.6	0.44
F35	15 Feb 2018	18	16.10	85.78	8.1	33.51	8.2	24.6	0.46
F35	15 Feb 2018	19	16.08	85.79	8.1	33.51	8.2	24.6	0.47
F35	15 Feb 2018	20	16.06	85.78	8.1	33.51	8.2	24.6	0.47
F35	15 Feb 2018	21	16.00	85.74	8.1	33.51	8.2	24.6	0.49
F35	15 Feb 2018	22	15.98	85.72	8.2	33.51	8.2	24.6	0.49
F35	15 Feb 2018	23	15.98	85.71	8.2	33.51	8.2	24.6	0.51
F35	15 Feb 2018	24	15.97	85.70	8.2	33.51	8.2	24.6	0.55
F35	15 Feb 2018	25	15.97	85.69	8.1	33.51	8.2	24.6	0.54
F35	15 Feb 2018	26	15.96	85.67	8.2	33.51	8.2	24.6	0.54
F35	15 Feb 2018	27	15.96	85.71	8.2	33.51	8.2	24.6	0.57
F35	15 Feb 2018	28	15.95	85.69	8.2	33.51	8.2	24.6	0.60
F35	15 Feb 2018	29	15.92	85.60	8.1	33.51	8.2	24.6	0.67
F35	15 Feb 2018	30	15.60	85.45	8.1	33.51	8.2	24.7	0.77
F35	15 Feb 2018	31	15.29	85.17	8.1	33.48	8.2	24.7	0.96
F35	15 Feb 2018	32	15.14	84.87	8.1	33.47	8.2	24.8	1.03
F35	15 Feb 2018	33	15.02	84.70	8.1	33.47	8.2	24.8	1.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	15 Feb 2018	34	14.84	84.35	8.0	33.46	8.1	24.8	1.35
F35	15 Feb 2018	35	14.70	84.18	8.0	33.46	8.1	24.8	1.53
F35	15 Feb 2018	36	14.49	84.22	7.8	33.46	8.1	24.9	1.82
F35	15 Feb 2018	37	14.27	83.64	7.6	33.45	8.1	24.9	2.15
F35	15 Feb 2018	38	14.15	83.47	7.5	33.45	8.1	25.0	2.30
F35	15 Feb 2018	39	14.09	83.52	7.4	33.44	8.1	25.0	2.11
F35	15 Feb 2018	40	14.00	83.76	7.3	33.45	8.1	25.0	1.98
F35	15 Feb 2018	41	13.96	83.93	7.3	33.45	8.1	25.0	2.24
F35	15 Feb 2018	42	13.88	84.28	7.1	33.45	8.1	25.0	2.31
F35	15 Feb 2018	43	13.65	84.27	6.9	33.45	8.1	25.1	3.32
F35	15 Feb 2018	44	13.45	84.40	6.7	33.45	8.0	25.1	2.44
F35	15 Feb 2018	45	13.26	84.98	6.5	33.46	8.0	25.1	1.68
F35	15 Feb 2018	46	13.20	85.26	6.4	33.45	8.0	25.2	1.59
F35	15 Feb 2018	47	13.19	85.73	6.4	33.45	8.0	25.2	1.56
F35	15 Feb 2018	48	13.17	85.58	6.4	33.45	8.0	25.2	1.80
F35	15 Feb 2018	49	13.12	85.89	6.3	33.46	8.0	25.2	1.29
F35	15 Feb 2018	50	13.00	86.05	6.3	33.46	8.0	25.2	1.03
F35	15 Feb 2018	51	12.90	86.27	6.2	33.47	8.0	25.2	0.86
F35	15 Feb 2018	52	12.88	86.46	6.1	33.47	8.0	25.2	0.78
F35	15 Feb 2018	53	12.86	86.46	6.2	33.47	8.0	25.2	0.72
F35	15 Feb 2018	54	12.85	86.53	6.1	33.47	8.0	25.2	0.69
F35	15 Feb 2018	55	12.84	86.59	6.1	33.47	8.0	25.2	0.68
F35	15 Feb 2018	56	12.84	86.64	6.1	33.47	8.0	25.2	0.68
F35	15 Feb 2018	57	12.83	86.60	6.1	33.47	8.0	25.2	0.73
F35	15 Feb 2018	58	12.81	86.59	6.1	33.47	8.0	25.2	0.71
F35	15 Feb 2018	59	12.79	86.62	6.1	33.47	8.0	25.2	0.67
F35	15 Feb 2018	60	12.75	86.60	6.1	33.47	8.0	25.3	0.67
F35	15 Feb 2018	61	12.73	86.51	6.1	33.47	8.0	25.3	0.66
F35	15 Feb 2018	62	12.73	86.55	6.1	33.47	8.0	25.3	0.65
F35	15 Feb 2018	63	12.72	86.69	6.1	33.47	8.0	25.3	0.81
F35	15 Feb 2018	64	12.71	86.66	6.0	33.47	8.0	25.3	0.77
F35	15 Feb 2018	65	12.71	86.59	6.1	33.47	8.0	25.3	0.65
F35	15 Feb 2018	66	12.69	86.71	6.0	33.47	8.0	25.3	0.66
F35	15 Feb 2018	67	12.66	86.63	6.0	33.47	8.0	25.3	0.65
F35	15 Feb 2018	68	12.58	86.71	6.0	33.47	8.0	25.3	0.66
F35	15 Feb 2018	69	12.39	86.75	5.9	33.48	8.0	25.3	0.60
F35	15 Feb 2018	70	12.35	86.82	5.8	33.48	8.0	25.3	0.54
F35	15 Feb 2018	71	12.30	86.79	5.8	33.48	8.0	25.4	0.50
F35	15 Feb 2018	72	12.27	86.82	5.7	33.48	8.0	25.4	0.49
F35	15 Feb 2018	73	12.18	86.90	5.7	33.49	8.0	25.4	0.44
F35	15 Feb 2018	74	12.17	86.94	5.7	33.49	7.9	25.4	0.42
F35	15 Feb 2018	75	12.16	86.89	5.7	33.49	7.9	25.4	0.44
F35	15 Feb 2018	76	12.14	86.87	5.6	33.49	7.9	25.4	0.40
F35	15 Feb 2018	77	12.15	86.89	5.6	33.49	7.9	25.4	0.37
F35	15 Feb 2018	78	12.14	86.89	5.6	33.50	7.9	25.4	0.37
F35	15 Feb 2018	79	12.14	86.91	5.6	33.50	7.9	25.4	0.35
F35	15 Feb 2018	80	12.10	86.91	5.6	33.50	7.9	25.4	0.37
F35	15 Feb 2018	81	12.02	86.94	5.5	33.51	7.9	25.4	0.34
F35	15 Feb 2018	82	11.96	86.87	5.5	33.51	7.9	25.4	0.32
F35	15 Feb 2018	83	11.93	86.89	5.5	33.51	7.9	25.4	0.34
F35	15 Feb 2018	84	11.87	86.82	5.5	33.51	7.9	25.5	0.33
F35	15 Feb 2018	85	11.81	86.88	5.4	33.52	7.9	25.5	0.32
F35	15 Feb 2018	86	11.75	86.85	5.4	33.52	7.9	25.5	0.30
F35	15 Feb 2018	87	11.69	86.90	5.3	33.52	7.9	25.5	0.30
F35	15 Feb 2018	88	11.67	86.89	5.3	33.53	7.9	25.5	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	15 Feb 2018	89	11.64	86.91	5.3	33.53	7.9	25.5	0.27
F35	15 Feb 2018	90	11.59	86.91	5.2	33.53	7.9	25.5	0.25
F35	15 Feb 2018	91	11.51	86.95	5.2	33.54	7.9	25.6	0.24
F35	15 Feb 2018	92	11.46	86.98	5.1	33.55	7.9	25.6	0.22
F35	15 Feb 2018	93	11.44	86.77	5.1	33.55	7.9	25.6	0.20
F35	15 Feb 2018	94	11.41	86.72	5.1	33.55	7.9	25.6	0.19
F35	15 Feb 2018	95	11.38	86.73	5.1	33.55	7.9	25.6	0.20
F35	15 Feb 2018	96	11.36	86.71	5.1	33.55	7.9	25.6	0.20
F35	15 Feb 2018	97	11.35	86.67	5.1	33.55	7.9	25.6	0.20
F35	15 Feb 2018	98	11.34	86.58	5.1	33.55	7.9	25.6	0.21
F35	15 Feb 2018	99	11.33	86.34	5.1	33.55	7.9	25.6	0.20
F35	15 Feb 2018	100	11.32	86.23	5.1	33.55	7.9	25.6	0.22
F35	15 Feb 2018	101	11.30	86.04	5.1	33.55	7.9	25.6	0.21
F36	15 Feb 2018	1	16.30	85.58	8.0	33.53	8.2	24.5	0.30
F36	15 Feb 2018	2	16.29	84.65	8.0	33.53	8.2	24.6	0.29
F36	15 Feb 2018	3	16.28	85.11	8.0	33.53	8.2	24.6	0.29
F36	15 Feb 2018	4	16.27	85.67	8.0	33.53	8.2	24.6	0.30
F36	15 Feb 2018	5	16.25	85.68	8.0	33.53	8.2	24.6	0.32
F36	15 Feb 2018	6	16.24	85.66	8.0	33.53	8.2	24.6	0.32
F36	15 Feb 2018	7	16.24	85.70	8.0	33.53	8.2	24.6	0.35
F36	15 Feb 2018	8	16.23	85.76	8.0	33.53	8.2	24.6	0.36
F36	15 Feb 2018	9	16.22	85.71	8.0	33.53	8.2	24.6	0.36
F36	15 Feb 2018	10	16.21	85.67	8.0	33.53	8.2	24.6	0.39
F36	15 Feb 2018	11	16.21	85.76	8.1	33.53	8.2	24.6	0.39
F36	15 Feb 2018	12	16.20	85.76	8.1	33.53	8.2	24.6	0.41
F36	15 Feb 2018	13	16.19	85.72	8.0	33.53	8.2	24.6	0.43
F36	15 Feb 2018	14	16.19	85.72	8.0	33.53	8.2	24.6	0.43
F36	15 Feb 2018	15	16.18	85.74	8.0	33.53	8.2	24.6	0.47
F36	15 Feb 2018	16	16.18	85.78	8.0	33.53	8.2	24.6	0.52
F36	15 Feb 2018	17	16.18	85.76	8.1	33.53	8.2	24.6	0.49
F36	15 Feb 2018	18	16.18	85.76	8.1	33.52	8.2	24.6	0.48
F36	15 Feb 2018	19	16.17	85.66	8.1	33.52	8.2	24.6	0.49
F36	15 Feb 2018	20	16.13	85.64	8.1	33.53	8.2	24.6	0.52
F36	15 Feb 2018	21	16.09	85.61	8.1	33.52	8.2	24.6	0.50
F36	15 Feb 2018	22	16.05	85.63	8.1	33.52	8.2	24.6	0.55
F36	15 Feb 2018	23	16.01	85.67	8.1	33.52	8.2	24.6	0.55
F36	15 Feb 2018	24	15.95	85.64	8.1	33.52	8.2	24.6	0.60
F36	15 Feb 2018	25	15.87	85.58	8.1	33.51	8.2	24.6	0.62
F36	15 Feb 2018	26	15.76	85.53	8.1	33.51	8.2	24.7	0.65
F36	15 Feb 2018	27	15.58	85.49	8.0	33.50	8.2	24.7	0.71
F36	15 Feb 2018	28	15.46	85.36	8.0	33.49	8.2	24.7	0.75
F36	15 Feb 2018	29	15.41	85.10	8.1	33.48	8.2	24.7	0.78
F36	15 Feb 2018	30	15.25	85.17	8.0	33.48	8.1	24.7	0.88
F36	15 Feb 2018	31	14.92	84.89	8.1	33.47	8.1	24.8	1.05
F36	15 Feb 2018	32	14.80	84.41	8.1	33.46	8.1	24.8	1.19
F36	15 Feb 2018	33	14.79	84.10	8.1	33.45	8.1	24.8	1.27
F36	15 Feb 2018	34	14.75	84.05	8.1	33.46	8.1	24.8	1.31
F36	15 Feb 2018	35	14.61	83.99	8.1	33.46	8.1	24.9	1.40
F36	15 Feb 2018	36	14.50	83.72	8.0	33.45	8.1	24.9	1.52
F36	15 Feb 2018	37	14.40	83.50	7.9	33.45	8.1	24.9	1.81
F36	15 Feb 2018	38	14.32	82.99	7.8	33.45	8.1	24.9	1.99
F36	15 Feb 2018	39	14.25	82.76	7.7	33.45	8.1	24.9	2.13
F36	15 Feb 2018	40	14.21	82.81	7.7	33.45	8.1	24.9	2.31
F36	15 Feb 2018	41	14.15	82.72	7.6	33.45	8.1	25.0	2.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ($\sigma\text{-t}$)	Chlor ($\mu\text{g/L}$)
F36	15 Feb 2018	42	13.97	82.93	7.4	33.45	8.1	25.0	3.47
F36	15 Feb 2018	43	13.86	83.20	7.3	33.45	8.1	25.0	2.95
F36	15 Feb 2018	44	13.78	83.44	7.1	33.45	8.1	25.0	2.59
F36	15 Feb 2018	45	13.53	82.63	6.9	33.46	8.1	25.1	2.05
F36	15 Feb 2018	46	13.41	83.90	6.8	33.45	8.0	25.1	2.94
F36	15 Feb 2018	47	13.34	83.31	6.7	33.45	8.0	25.1	2.61
F36	15 Feb 2018	48	13.31	83.83	6.6	33.45	8.0	25.1	2.42
F36	15 Feb 2018	49	13.26	84.22	6.5	33.45	8.0	25.1	2.88
F36	15 Feb 2018	50	13.21	84.46	6.5	33.45	8.0	25.2	1.90
F36	15 Feb 2018	51	13.13	84.98	6.4	33.45	8.0	25.2	1.37
F36	15 Feb 2018	52	13.04	85.83	6.4	33.45	8.0	25.2	1.21
F36	15 Feb 2018	53	13.01	85.91	6.3	33.45	8.0	25.2	1.39
F36	15 Feb 2018	54	12.98	85.74	6.3	33.46	8.0	25.2	0.99
F36	15 Feb 2018	55	12.94	86.14	6.2	33.46	8.0	25.2	0.83
F36	15 Feb 2018	56	12.85	86.20	6.2	33.46	8.0	25.2	0.89
F36	15 Feb 2018	57	12.77	86.41	6.2	33.46	8.0	25.2	0.87
F36	15 Feb 2018	58	12.73	86.46	6.1	33.46	8.0	25.3	0.70
F36	15 Feb 2018	59	12.68	86.49	6.1	33.47	8.0	25.3	0.72
F36	15 Feb 2018	60	12.64	86.48	6.0	33.47	8.0	25.3	0.65
F36	15 Feb 2018	61	12.58	86.45	6.0	33.47	8.0	25.3	0.66
F36	15 Feb 2018	62	12.48	86.53	5.9	33.48	8.0	25.3	0.65
F36	15 Feb 2018	63	12.44	86.34	5.9	33.48	8.0	25.3	0.67
F36	15 Feb 2018	64	12.39	86.33	5.8	33.48	8.0	25.3	0.65
F36	15 Feb 2018	65	12.36	86.44	5.8	33.48	8.0	25.3	0.61
F36	15 Feb 2018	66	12.34	86.49	5.8	33.48	8.0	25.3	0.59
F36	15 Feb 2018	67	12.32	86.44	5.8	33.48	8.0	25.3	0.58
F36	15 Feb 2018	68	12.31	86.45	5.8	33.48	8.0	25.4	0.56
F36	15 Feb 2018	69	12.25	86.53	5.7	33.48	8.0	25.4	0.55
F36	15 Feb 2018	70	12.21	86.56	5.7	33.48	8.0	25.4	0.52
F36	15 Feb 2018	71	12.15	86.69	5.7	33.49	7.9	25.4	0.49
F36	15 Feb 2018	72	12.10	86.67	5.6	33.50	7.9	25.4	0.43
F36	15 Feb 2018	73	12.09	86.74	5.6	33.50	7.9	25.4	0.38
F36	15 Feb 2018	74	12.05	86.72	5.5	33.51	7.9	25.4	0.35
F36	15 Feb 2018	75	12.00	86.79	5.5	33.51	7.9	25.4	0.33
F36	15 Feb 2018	76	11.94	86.79	5.5	33.52	7.9	25.4	0.31
F36	15 Feb 2018	77	11.89	86.79	5.5	33.52	7.9	25.5	0.29
F36	15 Feb 2018	78	11.87	86.75	5.4	33.52	7.9	25.5	0.30
F36	15 Feb 2018	79	11.86	86.73	5.4	33.52	7.9	25.5	0.31
F36	15 Feb 2018	80	11.85	86.74	5.4	33.52	7.9	25.5	0.30
F36	15 Feb 2018	81	11.83	86.74	5.4	33.52	7.9	25.5	0.30
F36	15 Feb 2018	82	11.78	86.69	5.4	33.52	7.9	25.5	0.33
F36	15 Feb 2018	83	11.68	86.76	5.3	33.53	7.9	25.5	0.31
F36	15 Feb 2018	84	11.67	86.78	5.3	33.53	7.9	25.5	0.30
F36	15 Feb 2018	85	11.64	86.79	5.3	33.53	7.9	25.5	0.29
F36	15 Feb 2018	86	11.60	86.79	5.3	33.54	7.9	25.5	0.29
F36	15 Feb 2018	87	11.54	86.81	5.2	33.54	7.9	25.5	0.28
F36	15 Feb 2018	88	11.50	86.83	5.2	33.54	7.9	25.6	0.27
F36	15 Feb 2018	89	11.47	86.90	5.2	33.55	7.9	25.6	0.28
F36	15 Feb 2018	90	11.38	86.78	5.1	33.56	7.9	25.6	0.27
F36	15 Feb 2018	91	11.27	86.85	5.0	33.57	7.9	25.6	0.21
F36	15 Feb 2018	92	11.19	86.80	5.0	33.58	7.9	25.6	0.20
F36	15 Feb 2018	93	11.16	86.80	5.0	33.58	7.9	25.6	0.20
F36	15 Feb 2018	94	11.14	86.85	5.0	33.58	7.9	25.6	0.20
F36	15 Feb 2018	95	11.12	86.93	5.0	33.58	7.9	25.6	0.20
F36	15 Feb 2018	96	11.10	87.04	5.1	33.57	7.9	25.6	0.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F36	15 Feb 2018	97	11.08	87.08	5.1	33.57	7.9	25.6	0.16
F36	15 Feb 2018	98	11.05	87.12	5.1	33.57	7.9	25.7	0.16
F36	15 Feb 2018	99	11.01	87.20	5.1	33.57	7.9	25.7	0.16
F36	15 Feb 2018	100	11.00	87.08	5.1	33.57	7.9	25.7	0.16
F36	15 Feb 2018	101	11.00	86.74	5.1	33.58	7.9	25.7	0.15

NA = not available

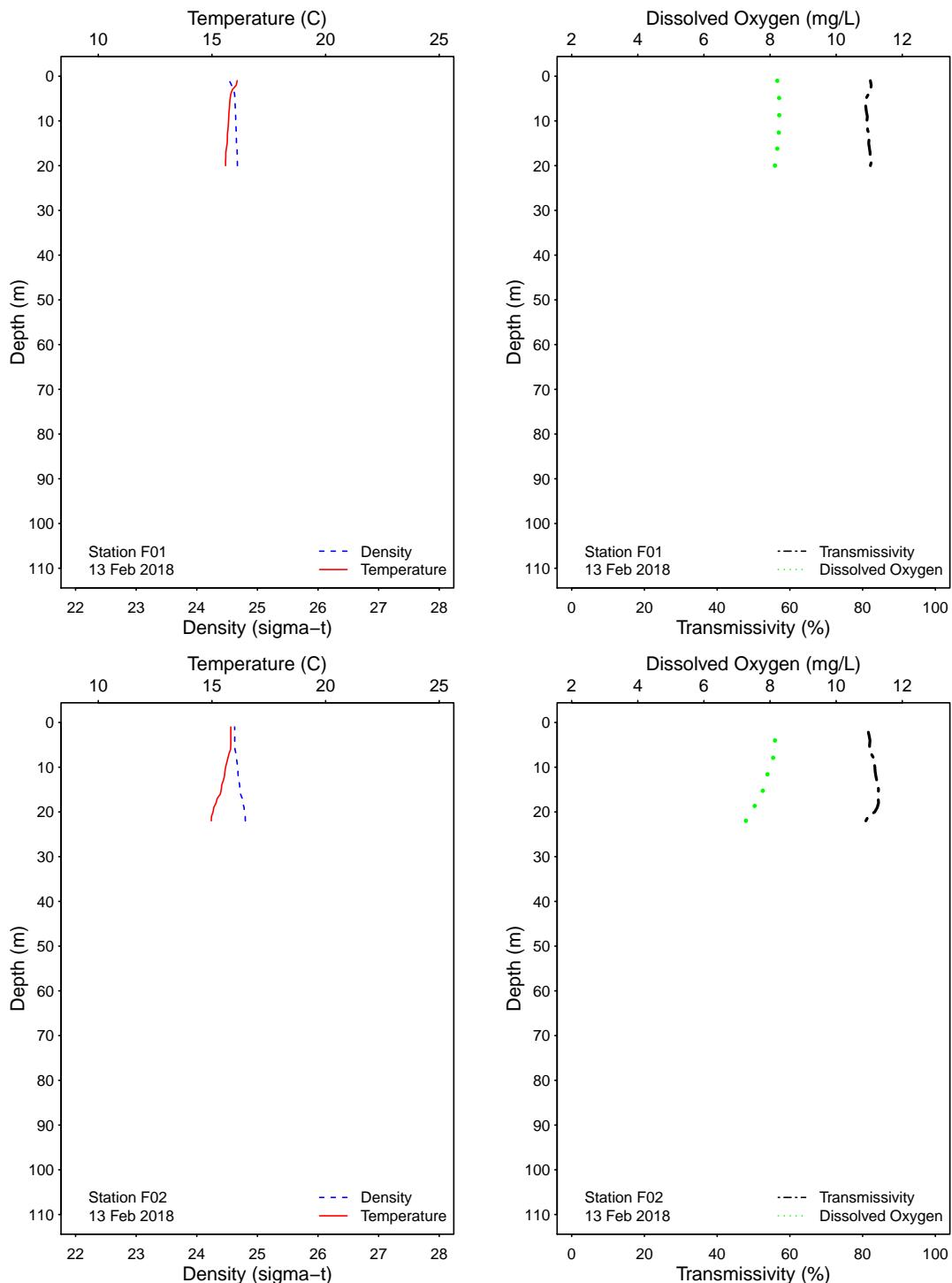


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

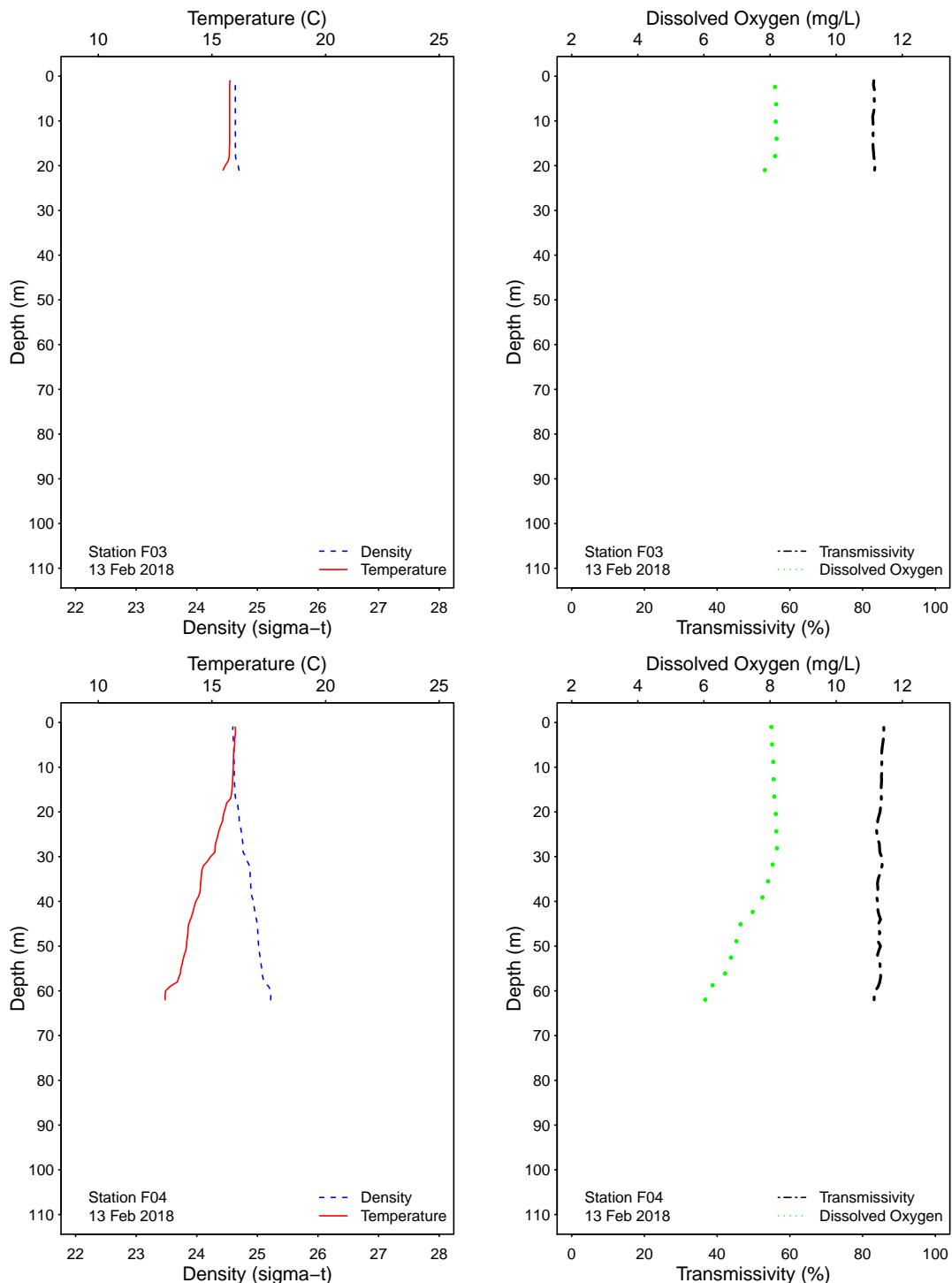


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

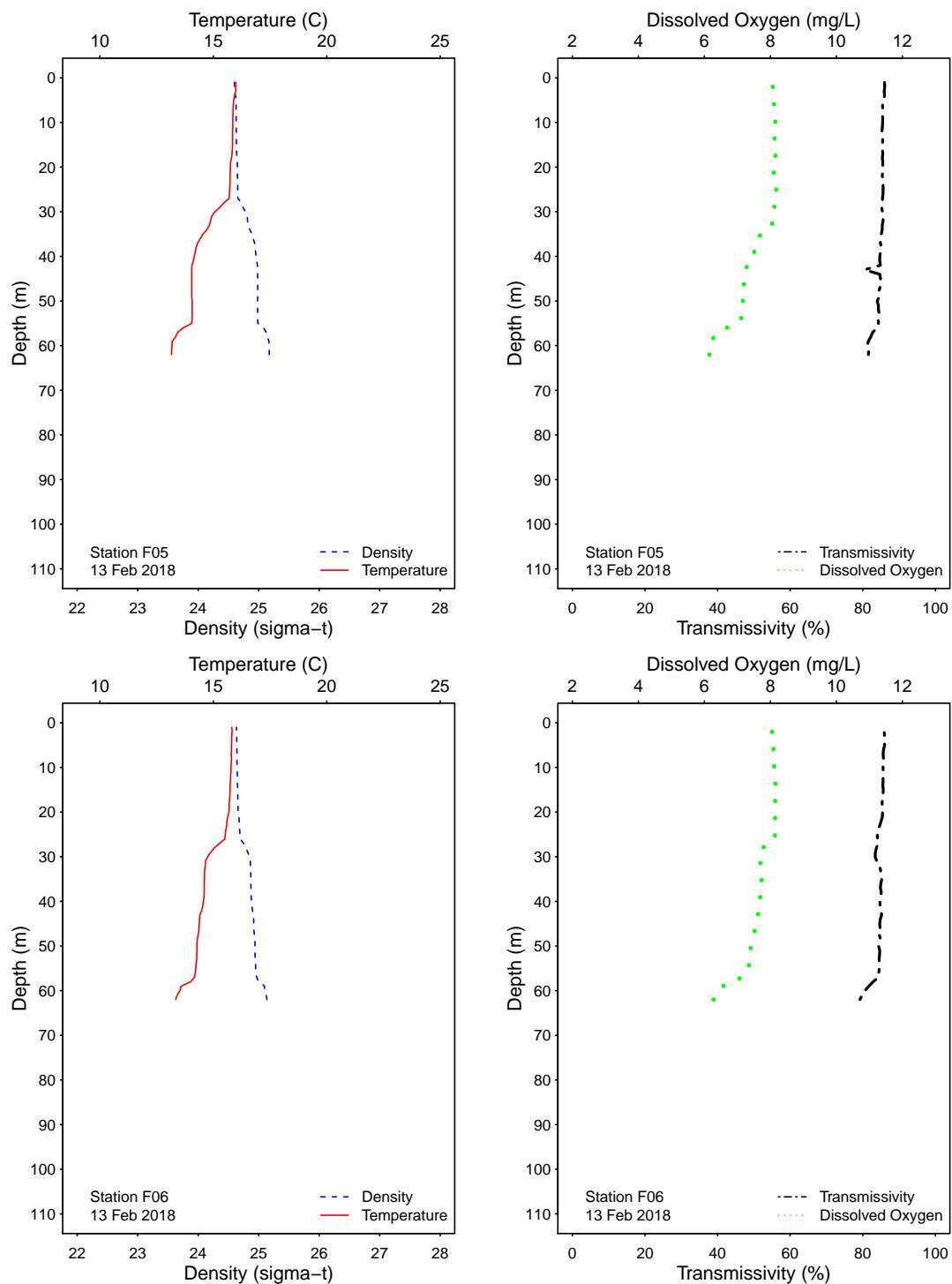


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

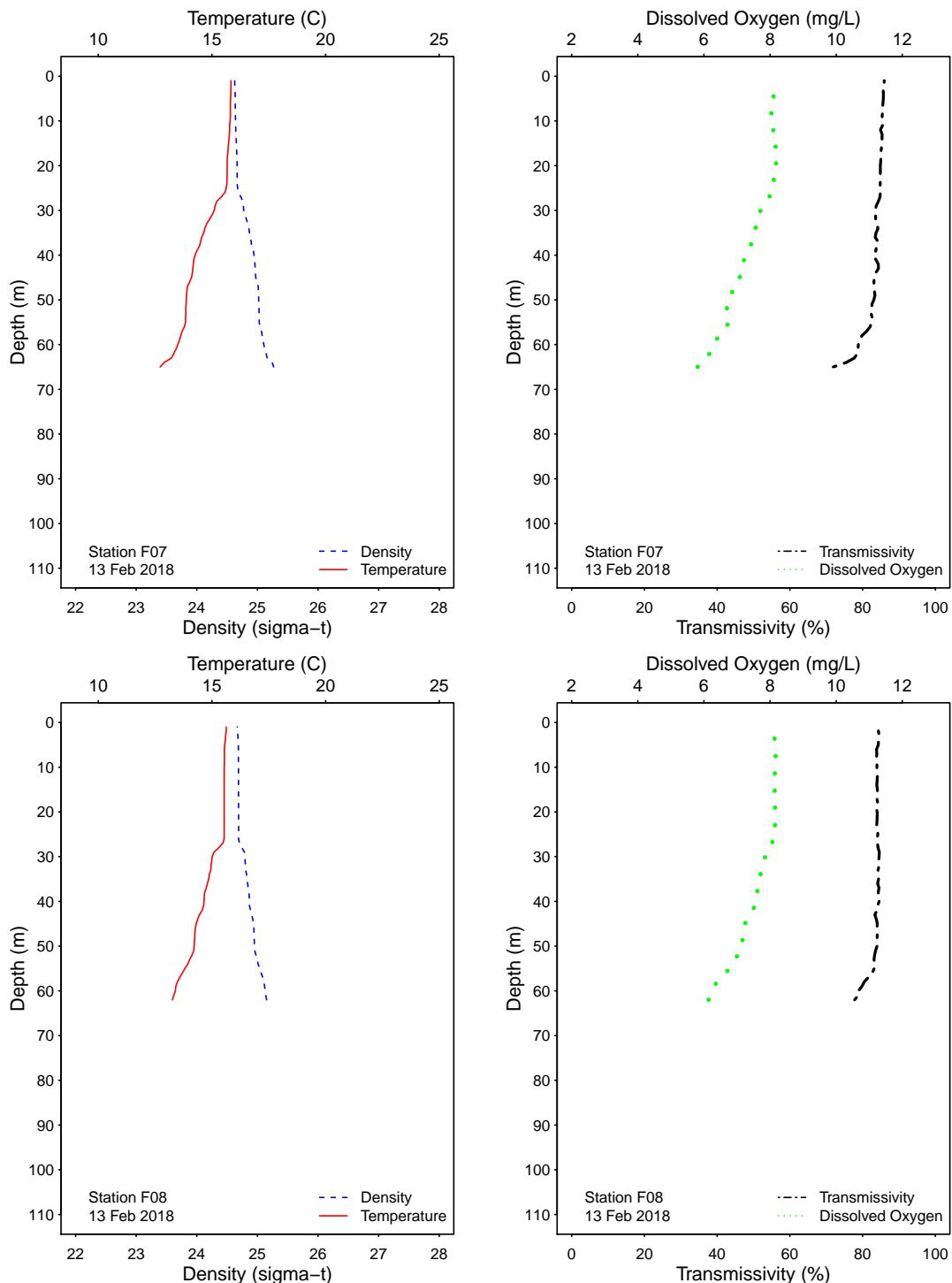


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

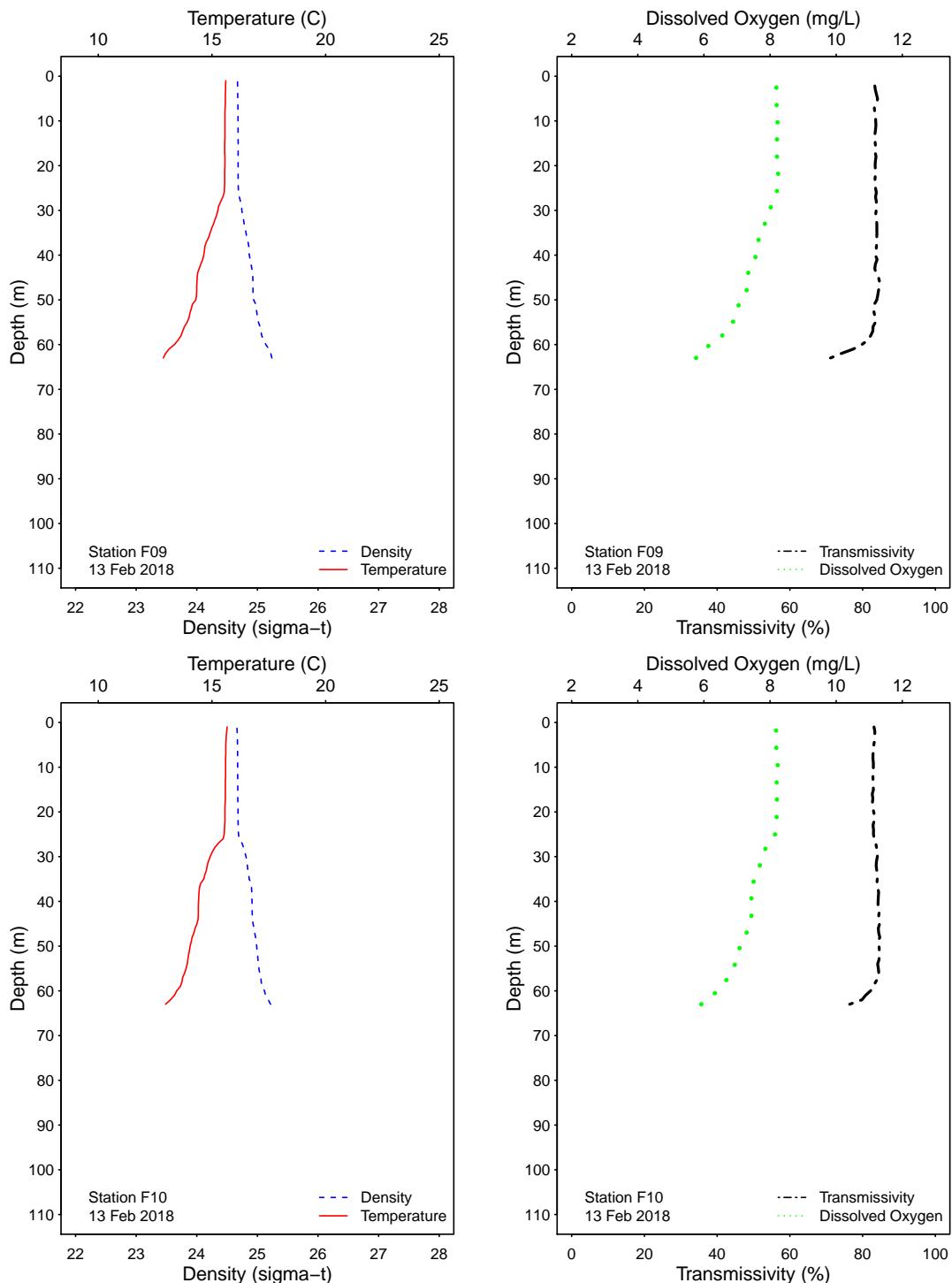


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

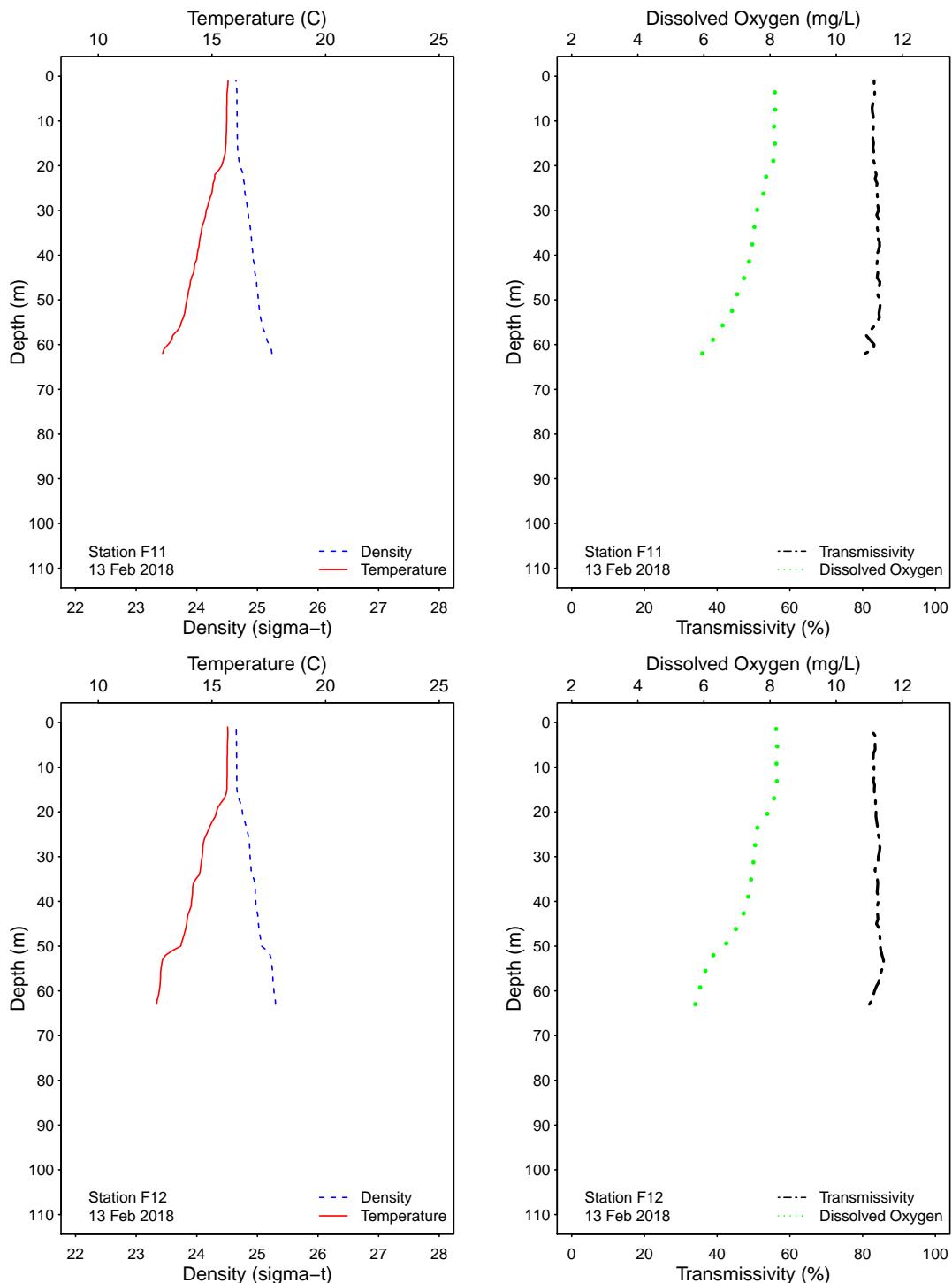


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

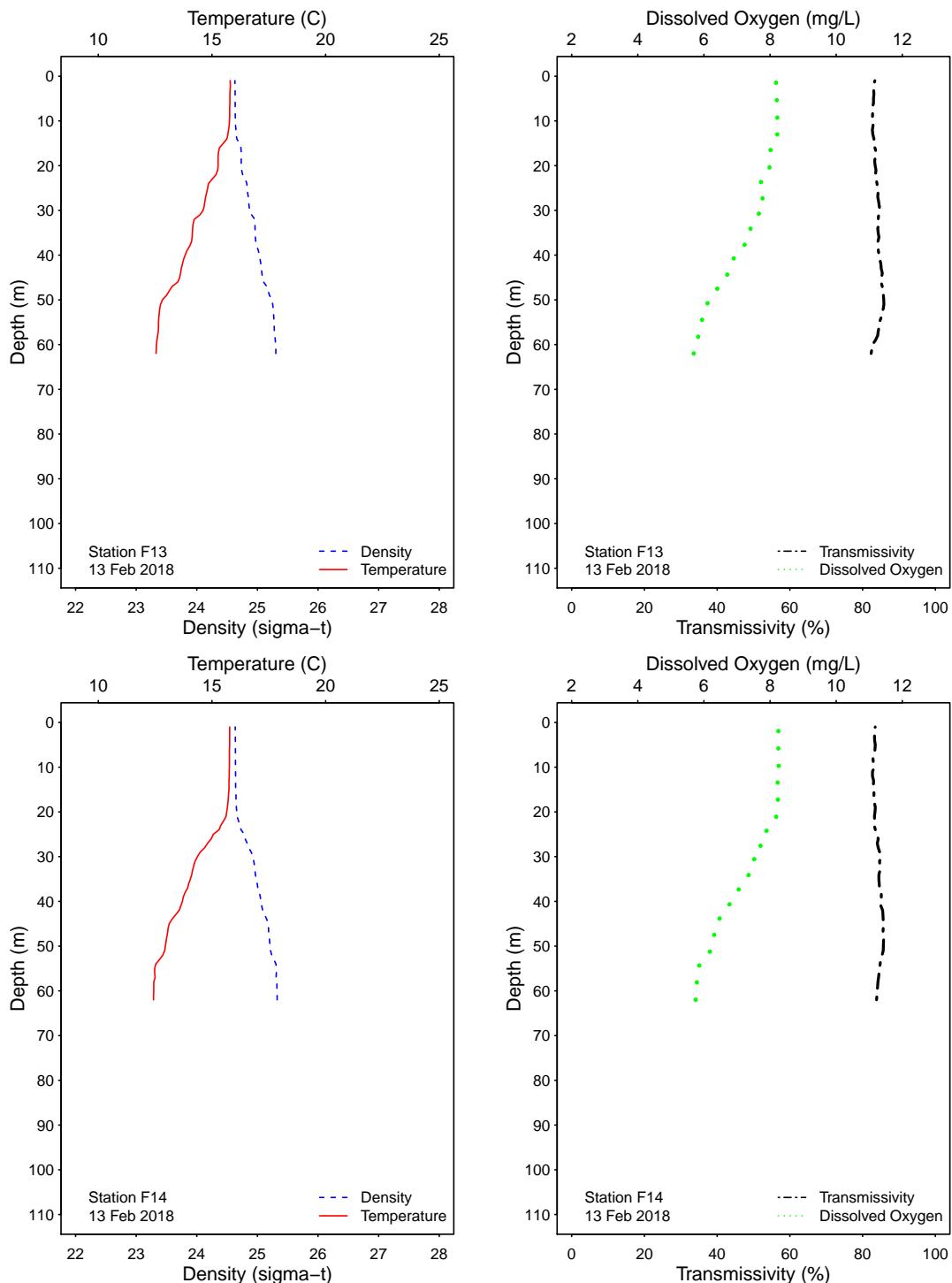


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

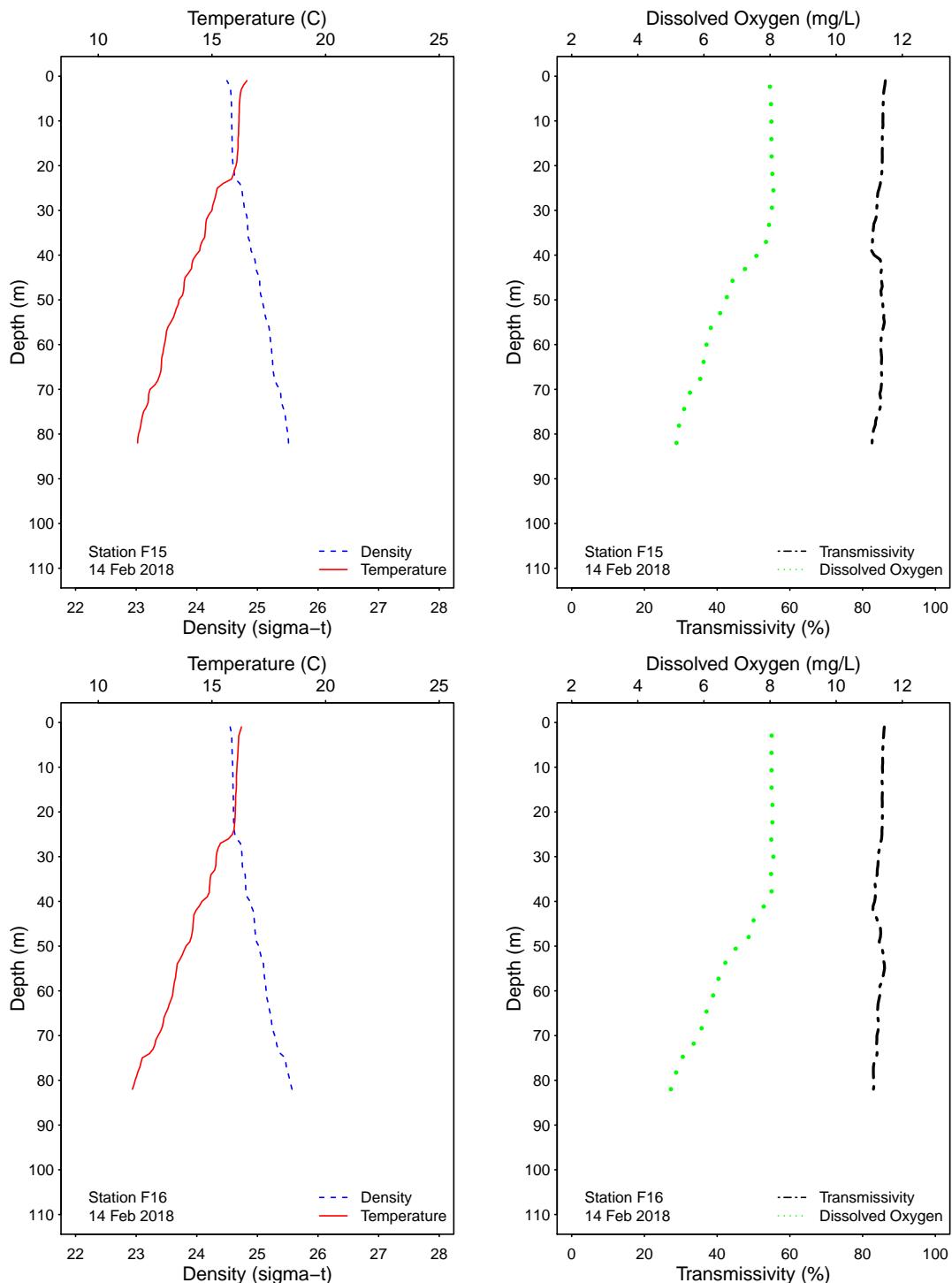


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

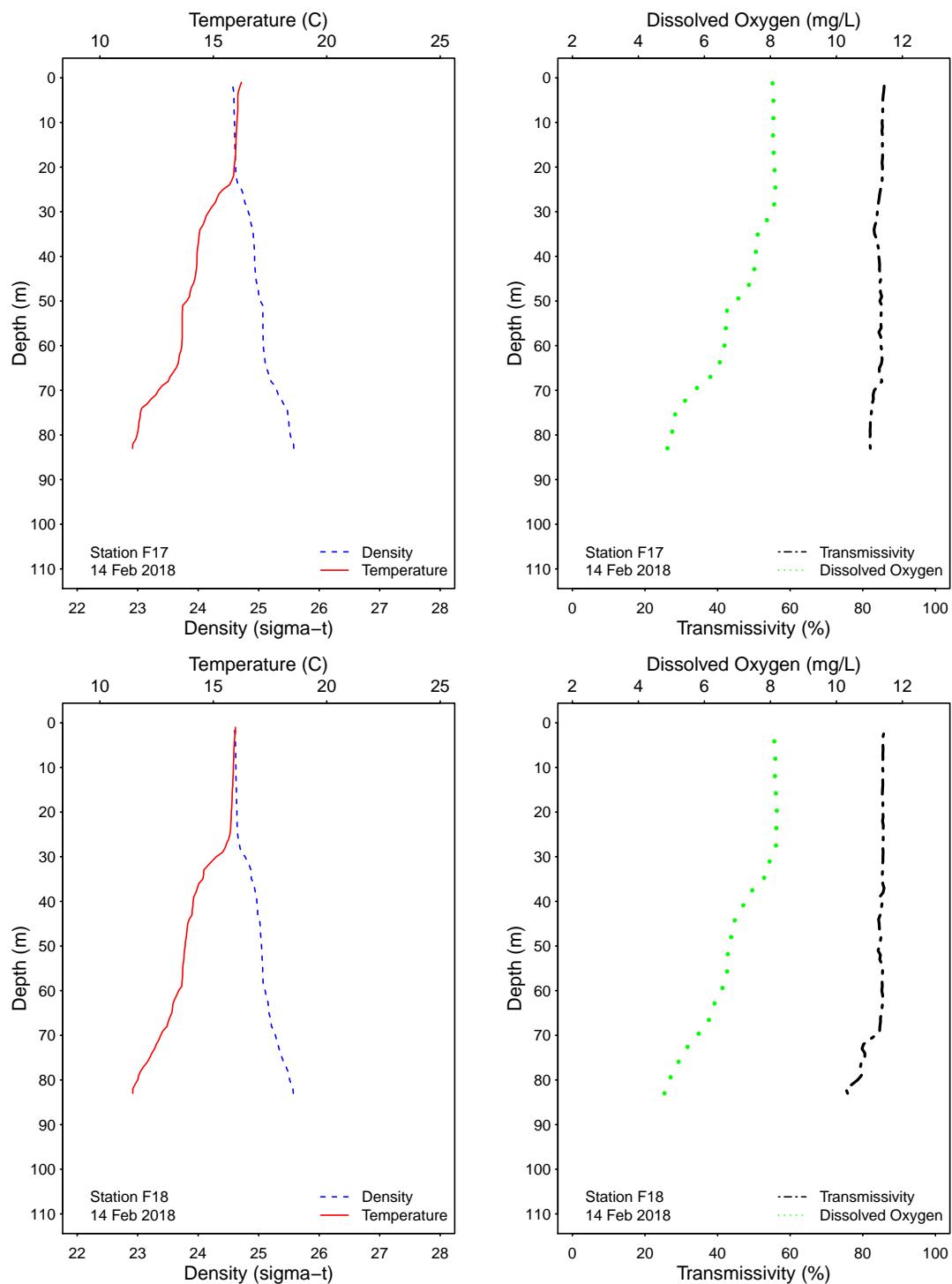


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

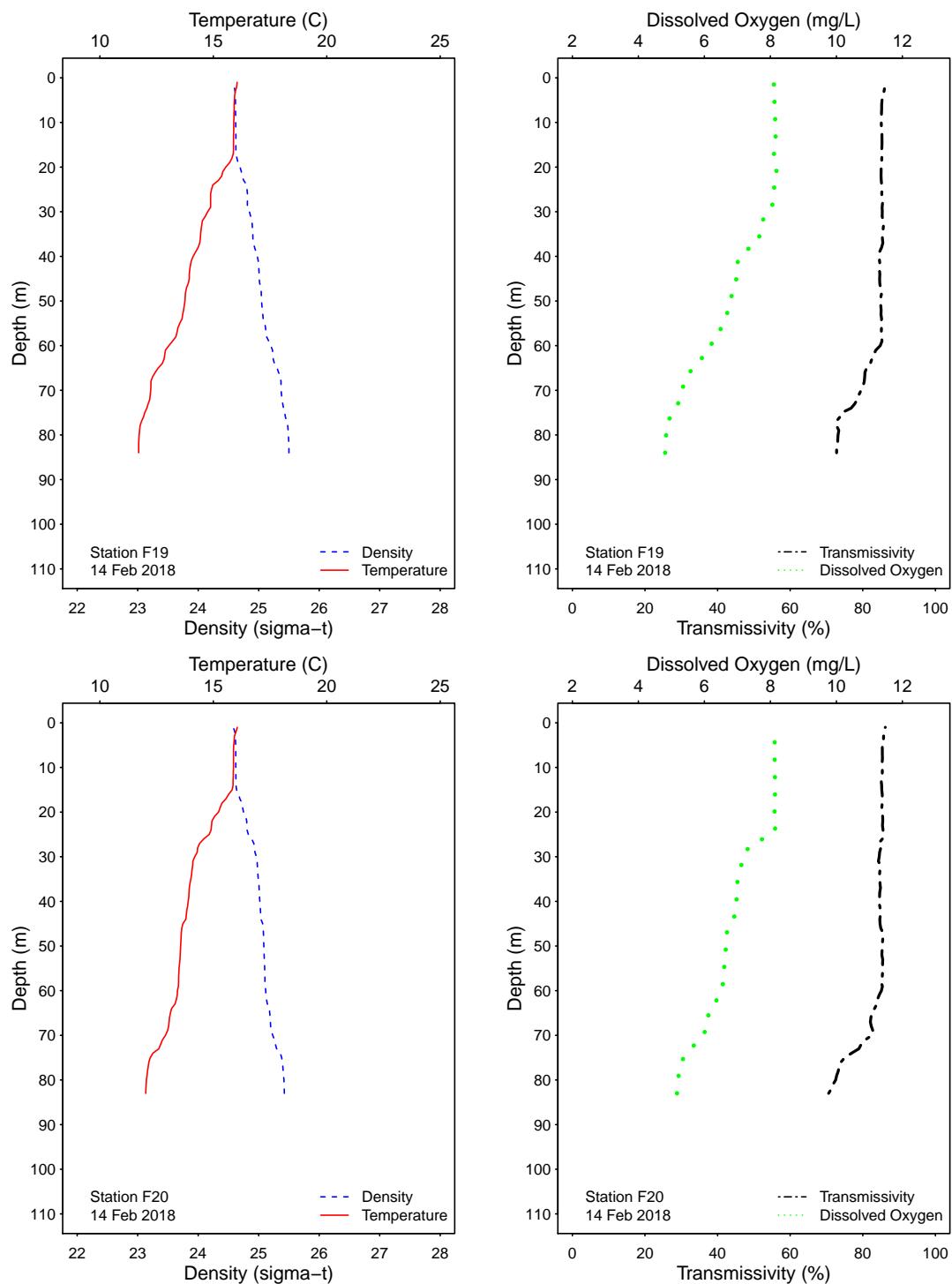


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

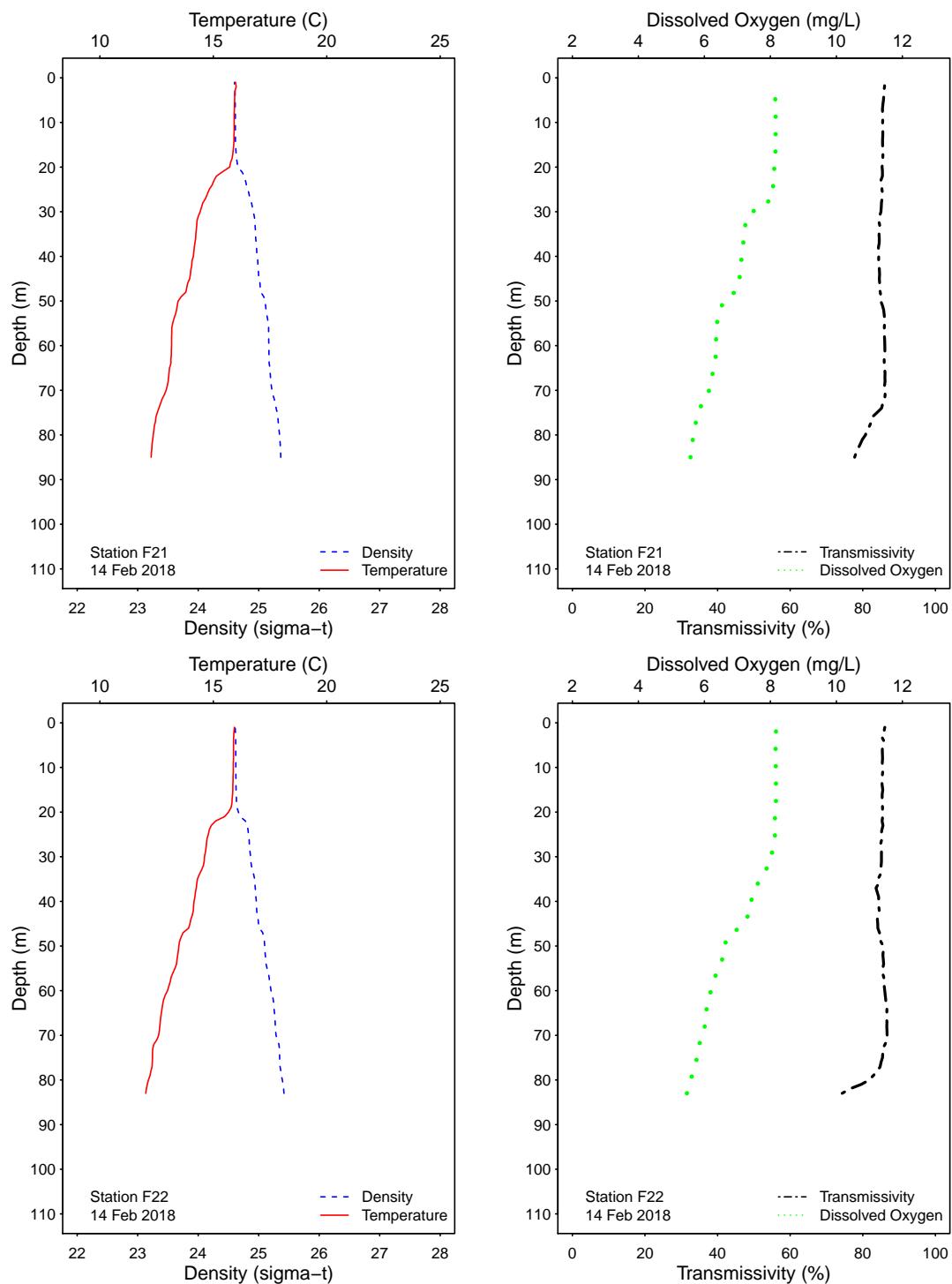


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

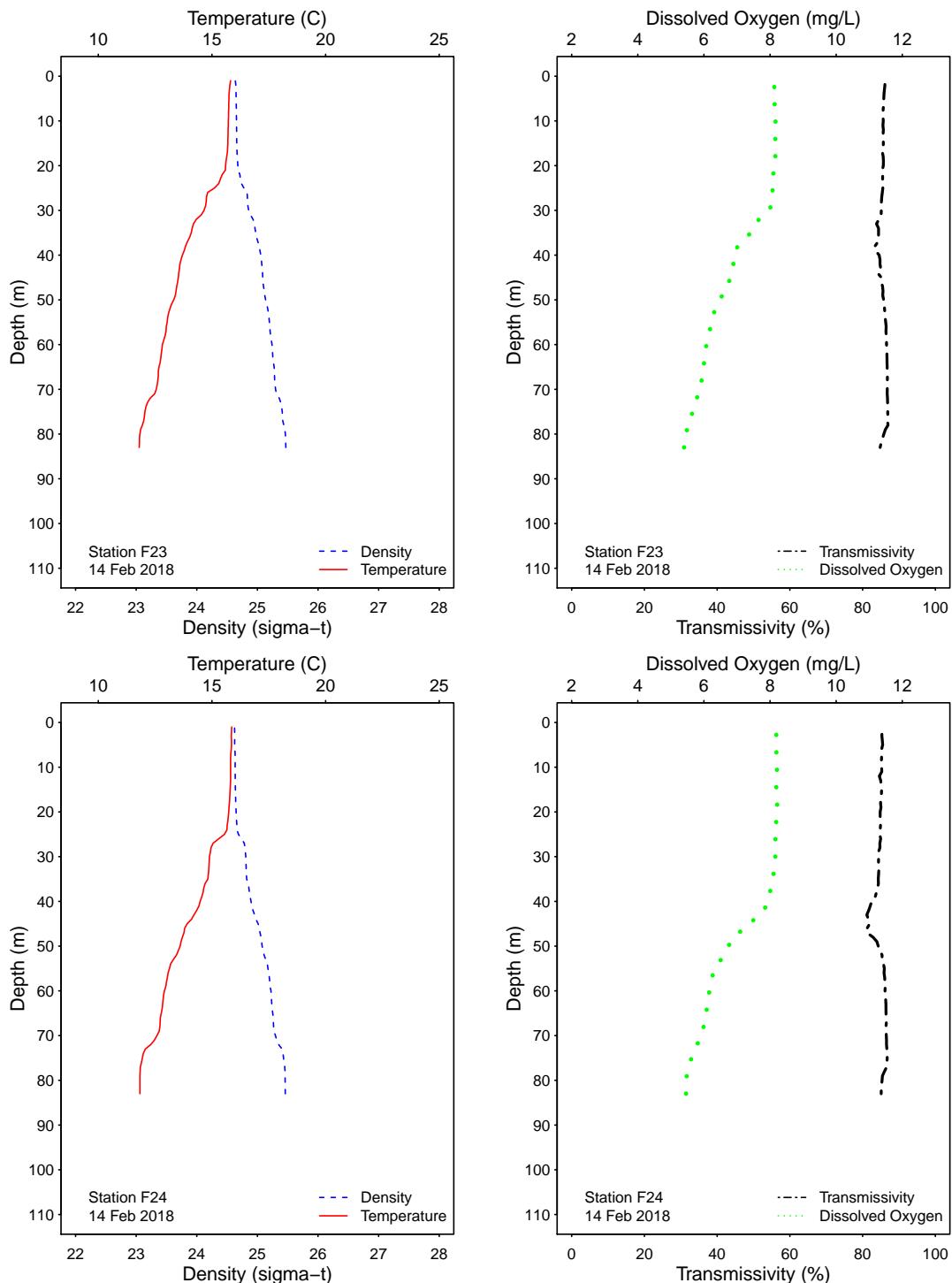


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

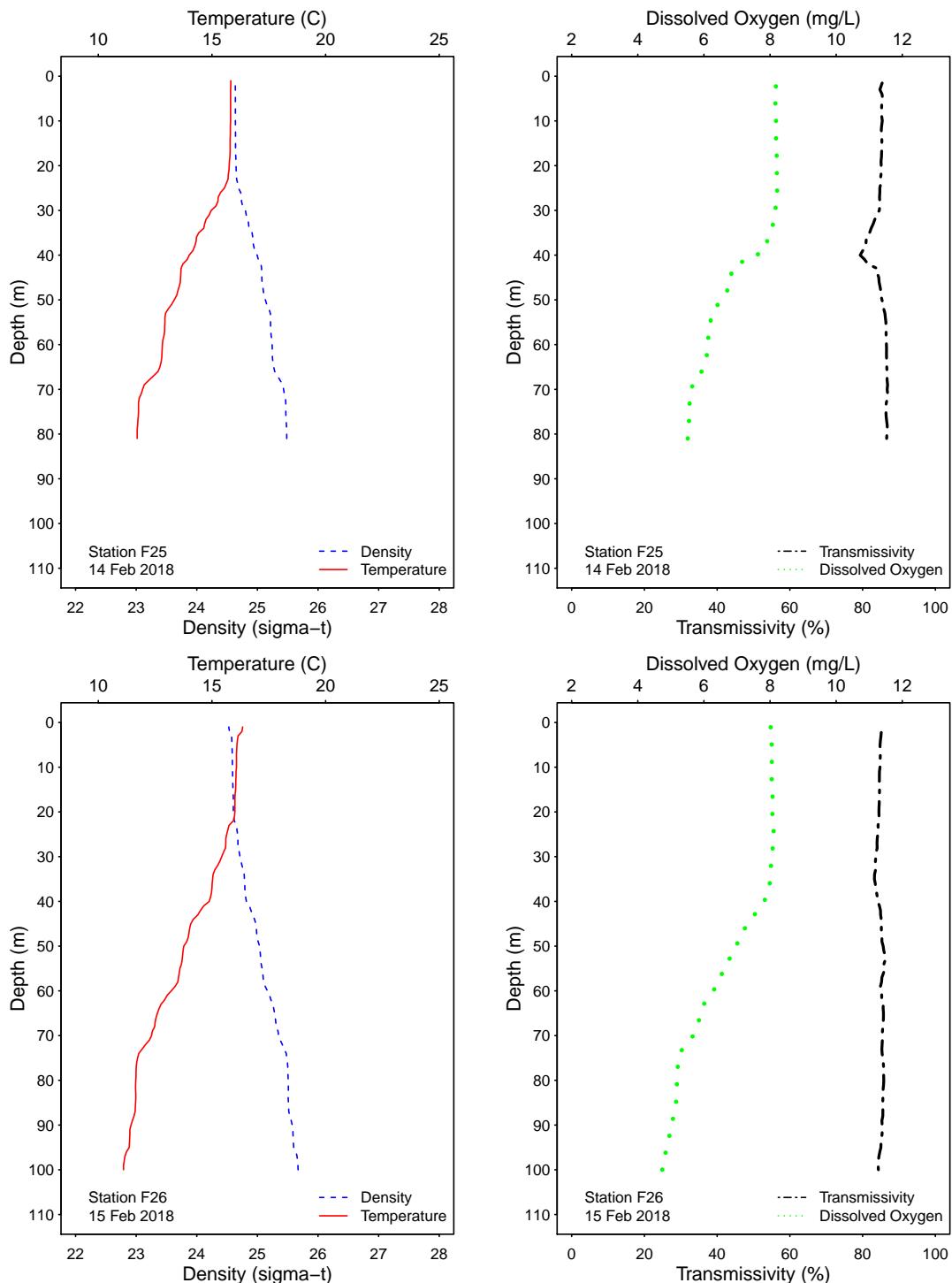


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

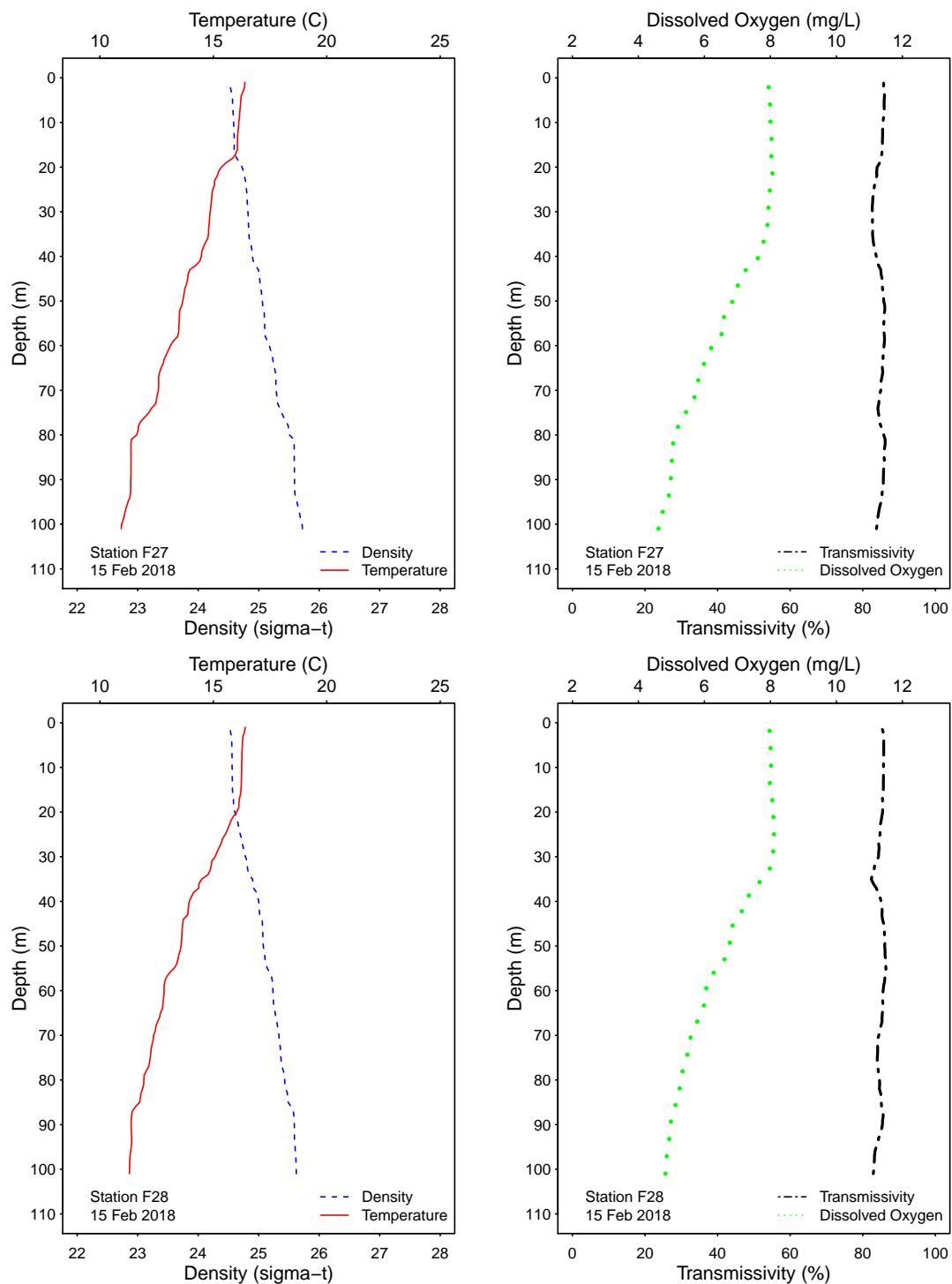


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

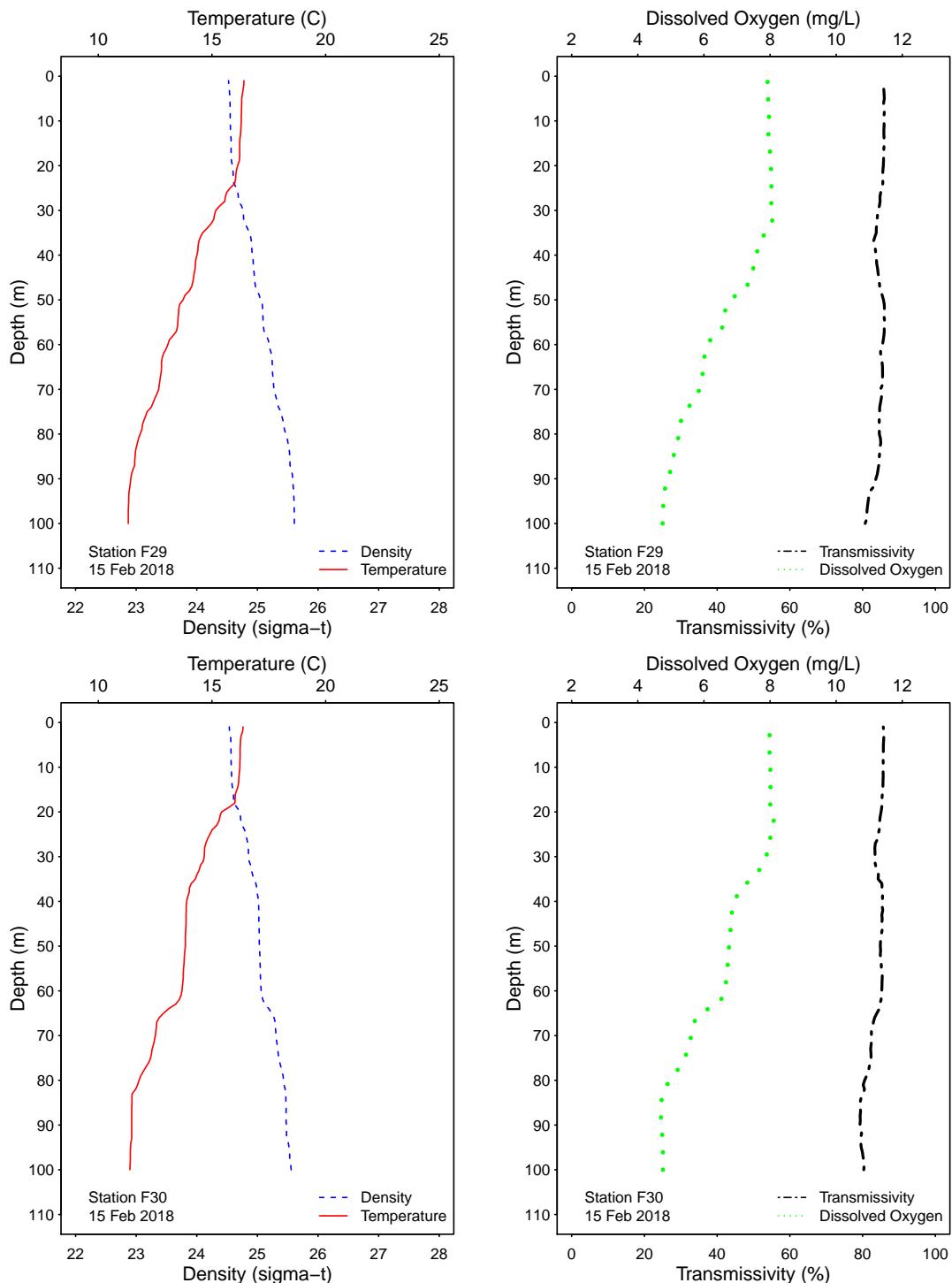


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

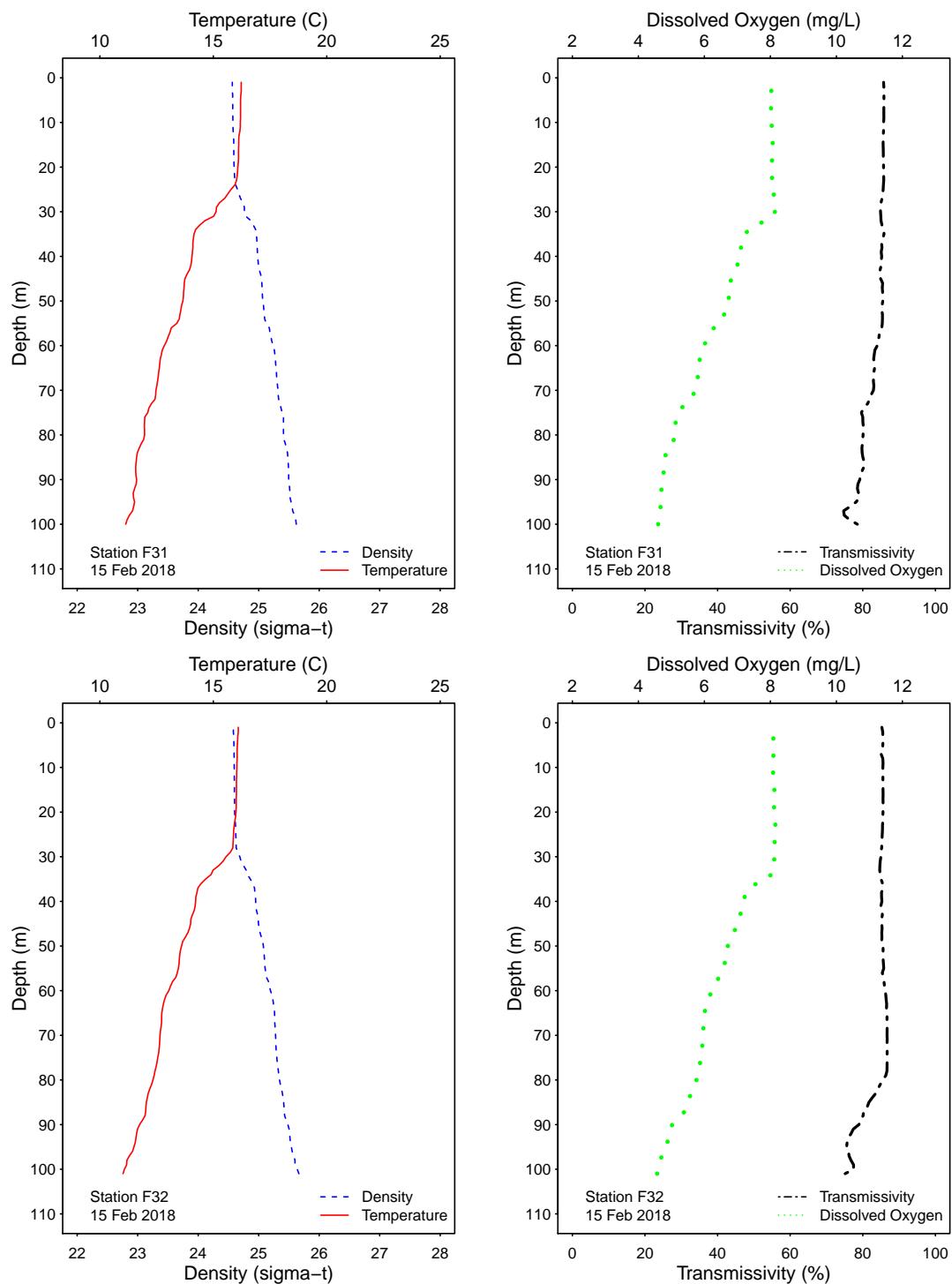


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

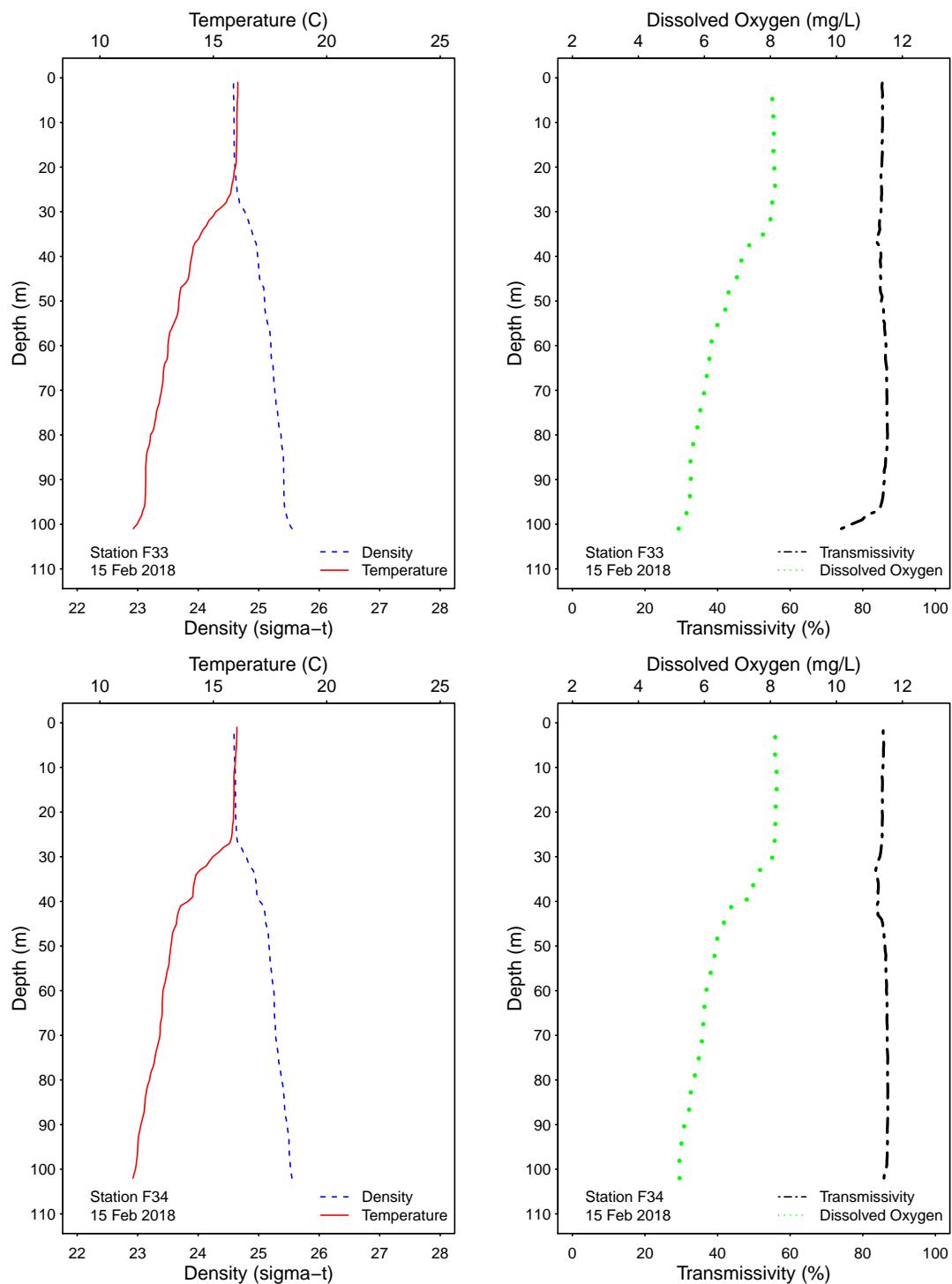


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

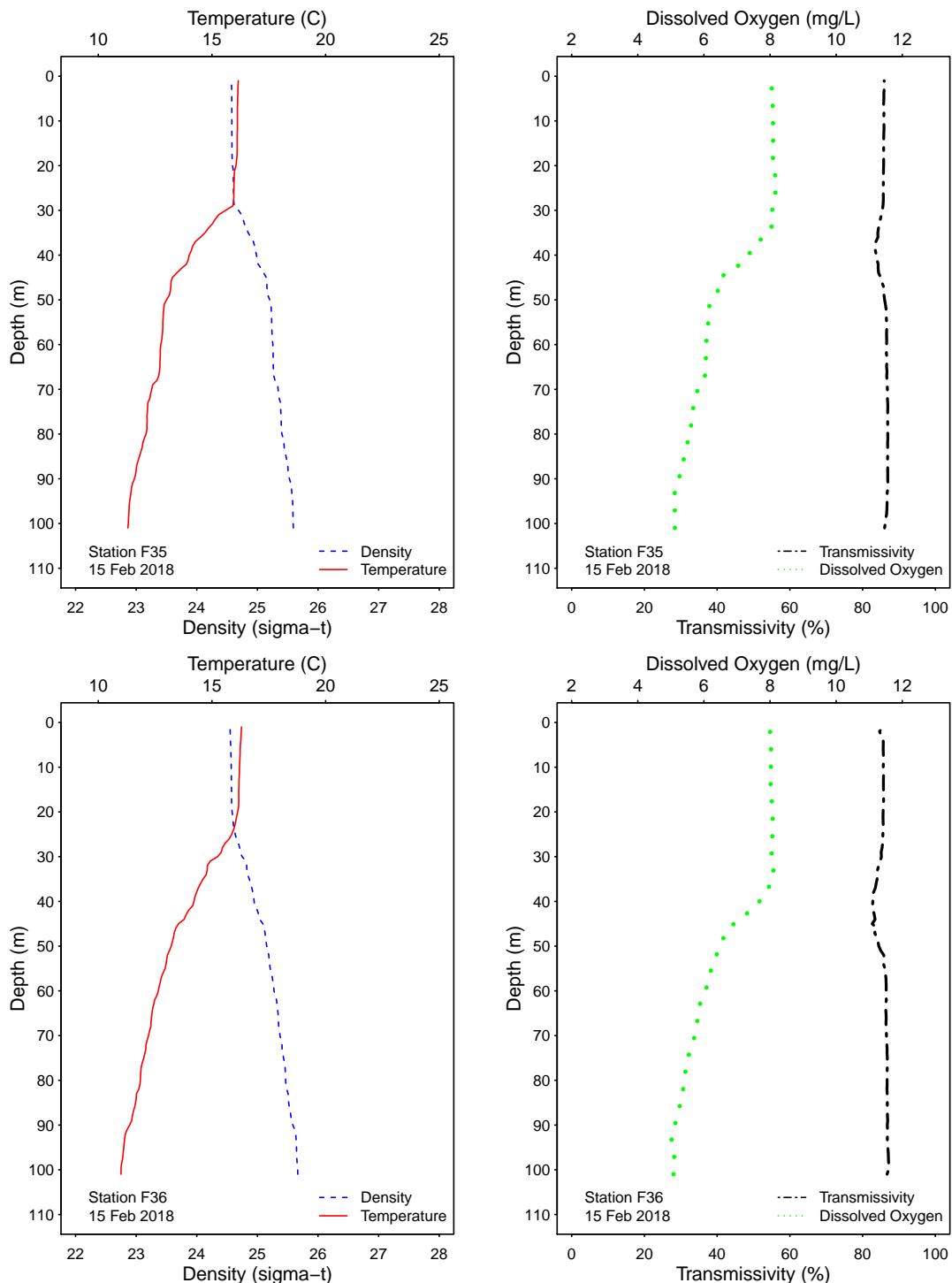


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

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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 Feb 2018	18	AR	LAB DUPLICATE	<2	<2	<2
A7	16 Feb 2018	18	ZV	LAB DUPLICATE	300e	24e	<2
A7	20 Feb 2018	18	AE	LAB DUPLICATE	68	2e	2e
A7	26 Feb 2018	18	LMA	LAB DUPLICATE	<2	<2	<2
C7	05 Feb 2018	18	AR	LAB DUPLICATE	4e	<2	<2
C7	16 Feb 2018	18	ZV	LAB DUPLICATE	24e	<2	<2
C7	20 Feb 2018	18	AE	LAB DUPLICATE	16e	4e	<2
C7	26 Feb 2018	18	AE	LAB DUPLICATE	10e	<2	2e
C8	05 Feb 2018	12	AR	LAB DUPLICATE	<2	<2	<2
C8	16 Feb 2018	12	LMA	LAB DUPLICATE	4e	<2	<2
C8	20 Feb 2018	12	ZV	LAB DUPLICATE	2e	<2	<2
C8	26 Feb 2018	12	AR	LAB DUPLICATE	4e	<2	<2
D12	07 Feb 2018		LMA	FIELD DUPLICATE	8e	<2	6e
D12	07 Feb 2018		LMA	LAB DUPLICATE	<2	<2	10e
D12	14 Feb 2018		ZV	FIELD DUPLICATE	4e	<2	<2
D12	14 Feb 2018		ZV	LAB DUPLICATE	<2	<2	<2
D12	21 Feb 2018		AE	FIELD DUPLICATE	<2	<2	<2
D12	21 Feb 2018		AE	LAB DUPLICATE	<2	<2	<2
D12	28 Feb 2018		AE	FIELD DUPLICATE	<20	2e	<2
D12	28 Feb 2018		AE	LAB DUPLICATE	<20	<2	2e
F01	13 Feb 2018	12	AR	LAB DUPLICATE	ns	ns	<2
F02	13 Feb 2018	12	AR	LAB DUPLICATE	ns	ns	<2
F07	13 Feb 2018	60	AE	LAB DUPLICATE	ns	ns	<2
F08	13 Feb 2018	60	ZV	LAB DUPLICATE	ns	ns	28e
F11	13 Feb 2018	60	AR	LAB DUPLICATE	ns	ns	<2
F17	14 Feb 2018	80	AE	LAB DUPLICATE	ns	ns	12e
F18	14 Feb 2018	60	AR	LAB DUPLICATE	ns	ns	<2
F19	14 Feb 2018	60	AR	LAB DUPLICATE	ns	ns	<2
F20	14 Feb 2018	60	LMA	LAB DUPLICATE	ns	ns	<2
F21	14 Feb 2018	80	LMA	LAB DUPLICATE	ns	ns	<2
F28	15 Feb 2018	60	LMA	LAB DUPLICATE	ns	ns	4e
F29	15 Feb 2018	60	ZV	LAB DUPLICATE	ns	ns	<2
F30	15 Feb 2018	60	ZV	LAB DUPLICATE	ns	ns	<2
F31	15 Feb 2018	80	ZV	LAB DUPLICATE	ns	ns	260e
F32	15 Feb 2018	80	AE	LAB DUPLICATE	ns	ns	<2
F34	15 Feb 2018	60	LMA	LAB DUPLICATE	ns	ns	<2

ns = not sampled

ND = no data

