



# Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall

(Point Loma Metropolitan Wastewater Treatment Plant)

NPDES Permit No. CA0107409

## February 2015



City of San Diego  
Ocean Monitoring Program  
Public Utilities Department  
Environmental Monitoring and Technical Services Division





## THE CITY OF SAN DIEGO

March 31, 2015

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 2015 Monthly Receiving Waters Monitoring Report for the Point Loma Ocean Outfall, Point Loma Wastewater Treatment Plant as required per Order No. R9-2009-0001, NPDES Permit No. CA0107409.

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

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

Sincerely,

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

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

TDS:mln

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. R9-2009-0001, 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). 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 five 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.

Van Dorn bottles are used to collect seawater samples from discrete depths at the kelp bed stations. The bottles are arrayed at the required depths and messenger-tripped in series. 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

eight 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. However, it should be noted that the CTD measurements and bacteriological samples are taken from separate hydrocasts.

### ***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 2009 COP compliance standards.

Monitoring at all offshore sites includes measurements of *Enterococcus* bacteria, water temperature, salinity, density, dissolved oxygen, pH, chlorophyll *a*, transmissivity, chromomimetic dissolved organic matter (CDOM), and visual observations of weather and water conditions. Monitoring at sites within State waters also include the collection of discrete grab samples for ammonium analysis (see Table 4.2).

Seawater samples for ammonium and 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)<sup>[1]</sup>. 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 2009 California Ocean Plan. The seven standards are defined as follows:

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

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

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

Single Sample Maximums:

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

Quality controls of bacteriological data include laboratory and field duplicate analyses. Laboratory duplicates are performed on approximately 10% of the water quality samples, while field duplicates are performed six times a month (see Appendix A). Laboratory duplicates represent two aliquots of the original sample that are split in the laboratory and analyzed by the same analyst using identical procedures within the same analytical run. The results of these analyses provide a measure of intra-analyst precision. In contrast, field duplicates represent two separate samples collected at the same time from the same site, which are handled under identical circumstances and treated exactly the same throughout field and lab procedures. The results of these analyses provide a measure of precision associated with sample collection, preservation, storage, and lab procedures. The sign test (see Gilbert, 1987) is used to statistically compare both the results from the laboratory duplicates, as well as the results from the field duplicates. These data will be further analyzed in the City's 2015 Quality Assurance Report, which will be completed in March 2016.

## SUMMARY OF RESULTS

### ***Shore Stations***

- During February 2015, each of the eight shore stations were in compliance with all of the water-contact standards specified in the Ocean Plan for total coliform, fecal coliform, and *Enterococcus* bacteria.
- 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 five times during February (i.e. February 5, 11, 17, 23, 26).
- During February, each of the kelp bed stations was in compliance with all of the water-contact standards specified in the Ocean Plan for total coliform, fecal coliform, and *Enterococcus* bacteria.
- Water column temperatures ranged from 12.92 to 17.50°C during the month. The difference between surface and bottom waters ranged from 0.02 to 3.65°C, indicating that the water column was stratified at the kelp bed stations during the month.

- Chlorophyll *a* concentrations ranged from 0.37 to 5.73 µg/L during February, suggesting the presence of phytoplankton blooms during the month.
- Ammonia (as nitrogen) values were <0.01 at all of the kelp bed stations during the month.
- Nothing of sewage origin was observed at any of the kelp bed stations.

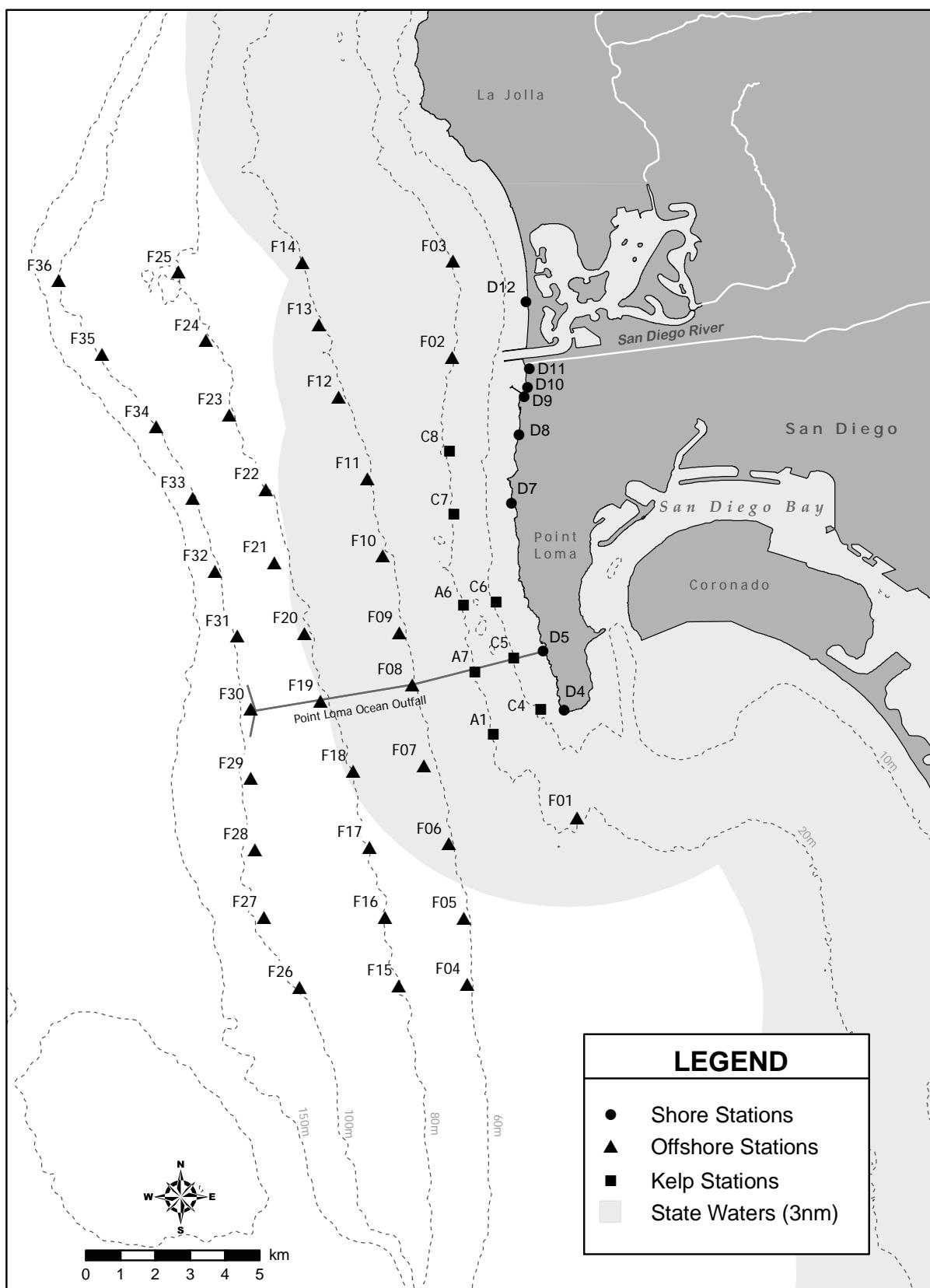
### ***Offshore Stations***

- Quarterly offshore water quality sampling was conducted on February 9, 10, and 11.
- All but one of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) were in compliance with the relevant Ocean Plan single sample maximum standard for *Enterococcus*.
  - o The SSM standard for *Enterococcus* was exceeded at stations F11 on February 9 and 11.
- Per 2009 Ocean Plan requirements, resamples were collected in response to these SSM exceedances (see Table 4.2 for details).
- All but one of the remaining 21 offshore stations were characterized by low densities of *Enterococcus* bacteria (i.e., <104 CFU/100 mL).
- The exception was station F30 at which the Ocean Plan single sample maximum standard for *Enterococcus* was exceeded on February 11 at 80 and 98 m.
- During February water column temperatures ranged from 10.08 to 17.31°C. The difference between surface and bottom waters ranged from 1.81 to 7.19°C, indicating that the water column was stratified at these stations during the month.
- Chlorophyll *a* concentrations ranged from 0.19 to 3.86 µg/L at the offshore stations during the month, suggesting the absence of phytoplankton blooms at these sites.
- CDOM data are available upon request.
- Ammonia (as nitrogen) values ranged from <0.01 to 0.02 mg/L at the 15 stations located in State waters.
- Nothing of sewage origin was observed at any of the offshore stations.



## TABLES AND FIGURES





**Figure 1.1** Station Map

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# Shore Stations



**Table 2.1**

Summary of compliance with the 2009 Ocean Plan's 30-day Geometric Mean standard for total coliforms 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	D9	D10	D11	D12
01 Feb 2015	2	20	24	43	9	30	37	6
02 Feb 2015	2	20	24	43	9	30	37	6
03 Feb 2015	2	20	24	43	9	30	37	6
04 Feb 2015	2	20	24	43	9	30	37	6
05 Feb 2015	3	20	20	34	13	33	45	11
06 Feb 2015	3	20	20	34	13	33	45	11
07 Feb 2015	3	20	20	34	13	33	45	11
08 Feb 2015	3	20	20	34	13	33	45	11
09 Feb 2015	3	20	20	34	13	33	45	11
10 Feb 2015	3	20	20	34	13	33	45	11
11 Feb 2015	3	14	11	15	7	14	17	14
12 Feb 2015	3	14	11	15	7	14	17	14
13 Feb 2015	3	14	11	15	7	14	17	14
14 Feb 2015	3	14	11	15	7	14	17	14
15 Feb 2015	3	14	11	15	7	14	17	14
16 Feb 2015	3	14	11	15	7	14	17	14
17 Feb 2015	5	14	9	17	9	14	23	18
18 Feb 2015	5	14	9	17	9	14	23	18
19 Feb 2015	5	14	9	17	9	14	23	18
20 Feb 2015	5	14	9	17	9	14	23	18
21 Feb 2015	5	14	9	17	9	14	23	18
22 Feb 2015	5	14	9	17	9	14	23	18
23 Feb 2015	5	9	7	40	13	13	41	18
24 Feb 2015	5	9	7	40	13	13	41	18
25 Feb 2015	5	9	7	40	13	13	41	18
26 Feb 2015	4	7	5	35	13	11	36	13
27 Feb 2015	4	7	5	35	13	11	36	13
28 Feb 2015	4	7	5	35	13	11	36	13

\* Geometric mean calculated using an n<5

**Table 2.2**

Summary of compliance with the 2009 Ocean Plan's 30-day Geometric Mean standard for fecal coliform 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	D9	D10	D11	D12
01 Feb 2015	2	3	3	8	2	5	6	2
02 Feb 2015	2	3	3	8	2	5	6	2
03 Feb 2015	2	3	3	8	2	5	6	2
04 Feb 2015	2	3	3	8	2	5	6	2
05 Feb 2015	2	3	3	8	2	6	6	2
06 Feb 2015	2	3	3	8	2	6	6	2
07 Feb 2015	2	3	3	8	2	6	6	2
08 Feb 2015	2	3	3	8	2	6	6	2
09 Feb 2015	2	3	3	8	2	6	6	2
10 Feb 2015	2	3	3	8	2	6	6	2
11 Feb 2015	2	3	3	5	2	5	2	2
12 Feb 2015	2	3	3	5	2	5	2	2
13 Feb 2015	2	3	3	5	2	5	2	2
14 Feb 2015	2	3	3	5	2	5	2	2
15 Feb 2015	2	3	3	5	2	5	2	2
16 Feb 2015	2	3	3	5	2	5	2	2
17 Feb 2015	2	2	3	5	2	5	3	3
18 Feb 2015	2	2	3	5	2	5	3	3
19 Feb 2015	2	2	3	5	2	5	3	3
20 Feb 2015	2	2	3	5	2	5	3	3
21 Feb 2015	2	2	3	5	2	5	3	3
22 Feb 2015	2	2	3	5	2	5	3	3
23 Feb 2015	2	2	3	11	2	6	5	3
24 Feb 2015	2	2	3	11	2	6	5	3
25 Feb 2015	2	2	3	11	2	6	5	3
26 Feb 2015	2	2	3	9	2	5	4	3
27 Feb 2015	2	2	3	9	2	5	4	3
28 Feb 2015	2	2	3	9	2	5	4	3

\* Geometric mean calculated using an n<5

**Table 2.3**

Summary of compliance with the 2009 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	D9	D10	D11	D12
01 Feb 2015	2	3	2	10	2	12	14	3
02 Feb 2015	2	3	2	10	2	12	14	3
03 Feb 2015	2	3	2	10	2	12	14	3
04 Feb 2015	2	3	2	10	2	12	14	3
05 Feb 2015	2	3	2	12	4	12	17	4
06 Feb 2015	2	3	2	12	4	12	17	4
07 Feb 2015	2	3	2	12	4	12	17	4
08 Feb 2015	2	3	2	12	4	12	17	4
09 Feb 2015	2	3	2	12	4	12	17	4
10 Feb 2015	2	3	2	12	4	12	17	4
11 Feb 2015	2	3	2	6	4	6	8	4
12 Feb 2015	2	3	2	6	4	6	8	4
13 Feb 2015	2	3	2	6	4	6	9	4
14 Feb 2015	2	3	2	6	4	6	9	4
15 Feb 2015	2	3	2	6	4	6	9	4
16 Feb 2015	2	3	2	6	4	6	9	4
17 Feb 2015	3	3	2	7	4	5	7	5
18 Feb 2015	3	3	2	7	4	5	7	5
19 Feb 2015	3	3	2	7	4	5	7	5
20 Feb 2015	3	3	2	7	4	5	7	5
21 Feb 2015	3	3	2	7	4	5	7	5
22 Feb 2015	3	3	2	7	4	5	7	5
23 Feb 2015	3	3	2	12	5	5	9	5
24 Feb 2015	3	3	2	12	5	5	9	5
25 Feb 2015	3	3	2	12	5	5	9	5
26 Feb 2015	3	3	2	9	4	4	8	4
27 Feb 2015	3	3	2	9	4	4	8	4
28 Feb 2015	3	3	2	9	4	4	8	4

\* Geometric mean calculated using an n<5

**Table 2.4**

Summary of compliance at the PLOO shore stations with the 2009 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	D9	D10	D11	D12
05 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
11 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
17 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
23 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
26 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

**Table 2.5**

Summary of compliance at the PLOO shore stations with the 2009 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	D9	D10	D11	D12
05 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
11 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
17 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
23 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
26 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

**Table 2.6**

Summary of compliance at the PLOO shore stations with the 2009 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	D9	D10	D11	D12
05 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
11 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
17 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
23 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
26 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

**Table 2.7**

Summary of compliance at the PLOO shore stations with the 2009 Ocean Plan's Single Sample Maximum standard for total coliforms 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	D9	D10	D11	D12
05 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
11 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
17 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
23 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC
26 Feb 2015	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance

E = Exceedance

ns = not sampled

**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	05 Feb 2015	1017	20e	<2	<2	0.10
	11 Feb 2015	915	<2	<2	2e	1.00
	17 Feb 2015	1030	<20	1e	16e	0.05
	23 Feb 2015	1051	<2	<2	<2	1.00
	26 Feb 2015	1021	<2	<2	<2	1.00
D5	05 Feb 2015	1059	<20	2e	<2	0.10
	11 Feb 2015	927	4e	<2	<2	0.50
	17 Feb 2015	1053	<20	<1	2e	0.05
	23 Feb 2015	1120	<2	<2	<2	1.00
	26 Feb 2015	1034	<2	<2	<2	1.00
D7	05 Feb 2015	935	<20	10e	<2	0.50
	11 Feb 2015	851	4e	<2	<2	0.50
	17 Feb 2015	1004	<20	3e	4e	0.15
	23 Feb 2015	1012	4e	<2	<2	0.50
	26 Feb 2015	948	2e	<2	<2	1.00
D8	05 Feb 2015	912	120e	20e	42	0.17
	11 Feb 2015	842	4e	2e	2e	0.50
	17 Feb 2015	949	40e	8e	6e	0.20
	23 Feb 2015	958	260e	68	42	0.26
	26 Feb 2015	926	<20	4e	<2	0.20
D9	05 Feb 2015	848	20e	<2	20e	0.10
	11 Feb 2015	829	2e	2e	<2	1.00
	17 Feb 2015	933	8e	<2	2e	0.25
	23 Feb 2015	942	60e	6e	16e	0.10
	26 Feb 2015	908	12e	<2	<2	0.17
D10	05 Feb 2015	831	6e	8e	2e	1.33
	11 Feb 2015	821	8e	4e	<2	0.50
	17 Feb 2015	917	<20	4e	6e	0.20
	23 Feb 2015	926	<20	10e	14e	0.50
	26 Feb 2015	855	4e	<2	<2	0.50
D11	05 Feb 2015	815	20e	<2	6e	0.10
	11 Feb 2015	811	20e	2e	4e	0.10
	17 Feb 2015	909	40e	4e	2e	0.10
	23 Feb 2015	913	360e	34e	50	0.09
	26 Feb 2015	844	20e	<2	4e	0.10
D12	05 Feb 2015	750	<200	2e	6e	0.01
	11 Feb 2015	750	6e	<2	<2	0.33
	17 Feb 2015	847	40e	12e	50	0.30
	23 Feb 2015	852	<2	<2	<2	1.00
	26 Feb 2015	822	2e	<2	<2	1.00

ns = not sampled

**Table 2.9**

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

Station	Date	Parameter	Value
D4	05 Feb 2015	Arrive Time	1017
D4	05 Feb 2015	Weather	Sunny
D4	05 Feb 2015	Wind Speed (kts)	2
D4	05 Feb 2015	Wind Dir	N
D4	05 Feb 2015	Animal Life	None
D4	05 Feb 2015	Floatables	None
D4	05 Feb 2015	Water Color	Green
D4	05 Feb 2015	Current Direction	N
D4	05 Feb 2015	Wave Height Low (ft)	2
D4	05 Feb 2015	High Tide (ft)	5.2
D4	05 Feb 2015	High Tide Time	920
D4	05 Feb 2015	Low Tide (ft)	-0.3
D4	05 Feb 2015	Low Tide Time	1606
D4	05 Feb 2015	Comments	Seagrass; Algae; Water clear
D4	11 Feb 2015	Arrive Time	915
D4	11 Feb 2015	Weather	Sunny
D4	11 Feb 2015	Wind Speed (kts)	1.4
D4	11 Feb 2015	Wind Dir	E
D4	11 Feb 2015	Animal Life	None
D4	11 Feb 2015	Floatables	None
D4	11 Feb 2015	Water Color	Green
D4	11 Feb 2015	Current Direction	E
D4	11 Feb 2015	Wave Height Low (ft)	4
D4	11 Feb 2015	High Tide (ft)	2.5
D4	11 Feb 2015	High Tide Time	1429
D4	11 Feb 2015	Low Tide (ft)	1.5
D4	11 Feb 2015	Low Tide Time	854
D4	11 Feb 2015	Comments	Water turbid
D4	17 Feb 2015	Arrive Time	1030
D4	17 Feb 2015	Weather	Drizzle
D4	17 Feb 2015	Wind Speed (kts)	4
D4	17 Feb 2015	Wind Dir	W
D4	17 Feb 2015	Animal Life	7 Cormorants; 1 Seagull
D4	17 Feb 2015	Floatables	None
D4	17 Feb 2015	Water Color	Green
D4	17 Feb 2015	Current Direction	W
D4	17 Feb 2015	Wave Height Low (ft)	3
D4	17 Feb 2015	High Tide (ft)	6.3
D4	17 Feb 2015	High Tide Time	723
D4	17 Feb 2015	Low Tide (ft)	-1.4
D4	17 Feb 2015	Low Tide Time	1418
D4	17 Feb 2015	Comments	Kelp; Seagrass; Water turbid

Station	Date	Parameter	Value
D4	23 Feb 2015	Arrive Time	1051
D4	23 Feb 2015	Weather	Sunny
D4	23 Feb 2015	Wind Speed (kts)	2.3
D4	23 Feb 2015	Wind Dir	N
D4	23 Feb 2015	Animal Life	None
D4	23 Feb 2015	Floatables	None
D4	23 Feb 2015	Water Color	Green
D4	23 Feb 2015	Current Direction	N
D4	23 Feb 2015	Wave Height Low (ft)	2
D4	23 Feb 2015	High Tide (ft)	3.7
D4	23 Feb 2015	High Tide Time	1224
D4	23 Feb 2015	Low Tide (ft)	0.5
D4	23 Feb 2015	Low Tide Time	630
D4	23 Feb 2015	Comments	Seagrass; Algae; Water clear
D4	26 Feb 2015	Arrive Time	1021
D4	26 Feb 2015	Weather	Sunny
D4	26 Feb 2015	Wind Speed (kts)	2.1
D4	26 Feb 2015	Wind Dir	SE
D4	26 Feb 2015	Animal Life	None
D4	26 Feb 2015	Floatables	None
D4	26 Feb 2015	Water Color	Green
D4	26 Feb 2015	Current Direction	SE
D4	26 Feb 2015	Wave Height Low (ft)	1
D4	26 Feb 2015	High Tide (ft)	4.6
D4	26 Feb 2015	High Tide Time	313
D4	26 Feb 2015	Low Tide (ft)	0.4
D4	26 Feb 2015	Low Tide Time	1100
D4	26 Feb 2015	Comments	Kelp; Seagrass; Algae; Water clear
D5	05 Feb 2015	Arrive Time	1059
D5	05 Feb 2015	Weather	Partly Cloudy
D5	05 Feb 2015	Wind Speed (kts)	2.2
D5	05 Feb 2015	Wind Dir	N
D5	05 Feb 2015	Animal Life	None
D5	05 Feb 2015	Floatables	None
D5	05 Feb 2015	Water Color	Green
D5	05 Feb 2015	Current Direction	N
D5	05 Feb 2015	Wave Height Low (ft)	2
D5	05 Feb 2015	High Tide (ft)	5.2
D5	05 Feb 2015	High Tide Time	920
D5	05 Feb 2015	Low Tide (ft)	-0.3
D5	05 Feb 2015	Low Tide Time	1606
D5	05 Feb 2015	Comments	Algae; Water clear
D5	11 Feb 2015	Arrive Time	927
D5	11 Feb 2015	Weather	Sunny
D5	11 Feb 2015	Wind Speed (kts)	0.2

Station	Date	Parameter	Value
D5	11 Feb 2015	Wind Dir	E
D5	11 Feb 2015	Animal Life	None
D5	11 Feb 2015	Floatables	None
D5	11 Feb 2015	Water Color	Green
D5	11 Feb 2015	Current Direction	E
D5	11 Feb 2015	Wave Height Low (ft)	4
D5	11 Feb 2015	High Tide (ft)	2.5
D5	11 Feb 2015	High Tide Time	1429
D5	11 Feb 2015	Low Tide (ft)	1.5
D5	11 Feb 2015	Low Tide Time	854
D5	11 Feb 2015	Comments	Water clear
D5	17 Feb 2015	Arrive Time	1053
D5	17 Feb 2015	Weather	Cloudy
D5	17 Feb 2015	Wind Speed (kts)	4
D5	17 Feb 2015	Wind Dir	W
D5	17 Feb 2015	Animal Life	None
D5	17 Feb 2015	Floatables	None
D5	17 Feb 2015	Water Color	Green
D5	17 Feb 2015	Current Direction	W
D5	17 Feb 2015	Wave Height Low (ft)	3
D5	17 Feb 2015	High Tide (ft)	6.3
D5	17 Feb 2015	High Tide Time	723
D5	17 Feb 2015	Low Tide (ft)	-1.4
D5	17 Feb 2015	Low Tide Time	1418
D5	17 Feb 2015	Comments	Kelp; Seagrass; Water turbid
D5	23 Feb 2015	Arrive Time	1120
D5	23 Feb 2015	Weather	Sunny
D5	23 Feb 2015	Wind Speed (kts)	2.5
D5	23 Feb 2015	Wind Dir	NW
D5	23 Feb 2015	Animal Life	None
D5	23 Feb 2015	Floatables	None
D5	23 Feb 2015	Water Color	Green
D5	23 Feb 2015	Current Direction	NW
D5	23 Feb 2015	Wave Height Low (ft)	2
D5	23 Feb 2015	High Tide (ft)	3.7
D5	23 Feb 2015	High Tide Time	1224
D5	23 Feb 2015	Low Tide (ft)	0.5
D5	23 Feb 2015	Low Tide Time	630
D5	23 Feb 2015	Comments	Algae; Water clear
D5	26 Feb 2015	Arrive Time	1034
D5	26 Feb 2015	Weather	Sunny
D5	26 Feb 2015	Wind Speed (kts)	2.1
D5	26 Feb 2015	Wind Dir	S
D5	26 Feb 2015	Animal Life	None
D5	26 Feb 2015	Floatables	None
D5	26 Feb 2015	Water Color	Green

Station	Date	Parameter	Value
D5	26 Feb 2015	Current Direction	S
D5	26 Feb 2015	Wave Height Low (ft)	2
D5	26 Feb 2015	High Tide (ft)	3.1
D5	26 Feb 2015	High Tide Time	1740
D5	26 Feb 2015	Low Tide (ft)	0.4
D5	26 Feb 2015	Low Tide Time	1100
D5	26 Feb 2015	Comments	Water clear
D7	05 Feb 2015	Arrive Time	935
D7	05 Feb 2015	Weather	Partly Cloudy
D7	05 Feb 2015	Wind Speed (kts)	1
D7	05 Feb 2015	Wind Dir	N
D7	05 Feb 2015	Animal Life	None
D7	05 Feb 2015	Floatables	None
D7	05 Feb 2015	Water Color	Green
D7	05 Feb 2015	Current Direction	N
D7	05 Feb 2015	Wave Height Low (ft)	3
D7	05 Feb 2015	High Tide (ft)	5.2
D7	05 Feb 2015	High Tide Time	920
D7	05 Feb 2015	Low Tide (ft)	1.2
D7	05 Feb 2015	Low Tide Time	326
D7	05 Feb 2015	Comments	Algae; Water clear
D7	11 Feb 2015	Arrive Time	851
D7	11 Feb 2015	Weather	Sunny
D7	11 Feb 2015	Wind Speed (kts)	0.2
D7	11 Feb 2015	Wind Dir	E
D7	11 Feb 2015	Animal Life	None
D7	11 Feb 2015	Floatables	None
D7	11 Feb 2015	Water Color	Green
D7	11 Feb 2015	Current Direction	E
D7	11 Feb 2015	Wave Height Low (ft)	4
D7	11 Feb 2015	High Tide (ft)	2.5
D7	11 Feb 2015	High Tide Time	1429
D7	11 Feb 2015	Low Tide (ft)	1.5
D7	11 Feb 2015	Low Tide Time	854
D7	11 Feb 2015	Comments	2 Surfers; Water clear
D7	17 Feb 2015	Arrive Time	1004
D7	17 Feb 2015	Weather	Cloudy
D7	17 Feb 2015	Wind Speed (kts)	5
D7	17 Feb 2015	Wind Dir	W
D7	17 Feb 2015	Animal Life	2 Birds
D7	17 Feb 2015	Floatables	None
D7	17 Feb 2015	Water Color	Green
D7	17 Feb 2015	Current Direction	W
D7	17 Feb 2015	Wave Height Low (ft)	4
D7	17 Feb 2015	High Tide (ft)	6.3
D7	17 Feb 2015	High Tide Time	723

Station	Date	Parameter	Value
D7	17 Feb 2015	Low Tide (ft)	-1.4
D7	17 Feb 2015	Low Tide Time	1418
D7	17 Feb 2015	Comments	Kelp; Seagrass; 1 Surfer; Water clear
D7	23 Feb 2015	Arrive Time	1012
D7	23 Feb 2015	Weather	Sunny
D7	23 Feb 2015	Wind Speed (kts)	1.3
D7	23 Feb 2015	Wind Dir	NW
D7	23 Feb 2015	Animal Life	None
D7	23 Feb 2015	Floatables	None
D7	23 Feb 2015	Water Color	Green
D7	23 Feb 2015	Current Direction	NW
D7	23 Feb 2015	Wave Height Low (ft)	2
D7	23 Feb 2015	High Tide (ft)	3.7
D7	23 Feb 2015	High Tide Time	1224
D7	23 Feb 2015	Low Tide (ft)	0.5
D7	23 Feb 2015	Low Tide Time	630
D7	23 Feb 2015	Comments	Algae; Water clear
D7	26 Feb 2015	Arrive Time	948
D7	26 Feb 2015	Weather	Sunny
D7	26 Feb 2015	Wind Speed (kts)	0.7
D7	26 Feb 2015	Wind Dir	SE
D7	26 Feb 2015	Animal Life	None
D7	26 Feb 2015	Floatables	None
D7	26 Feb 2015	Water Color	Green
D7	26 Feb 2015	Current Direction	SE
D7	26 Feb 2015	Wave Height Low (ft)	3
D7	26 Feb 2015	High Tide (ft)	4.6
D7	26 Feb 2015	High Tide Time	313
D7	26 Feb 2015	Low Tide (ft)	0.4
D7	26 Feb 2015	Low Tide Time	1100
D7	26 Feb 2015	Comments	Kelp; Seagrass; 3 Surfers; Water clear
D8	05 Feb 2015	Arrive Time	912
D8	05 Feb 2015	Weather	Cloudy
D8	05 Feb 2015	Wind Speed (kts)	1.1
D8	05 Feb 2015	Wind Dir	N
D8	05 Feb 2015	Animal Life	None
D8	05 Feb 2015	Floatables	None
D8	05 Feb 2015	Water Color	Green
D8	05 Feb 2015	Current Direction	N
D8	05 Feb 2015	Wave Height Low (ft)	3
D8	05 Feb 2015	High Tide (ft)	5.2
D8	05 Feb 2015	High Tide Time	920
D8	05 Feb 2015	Low Tide (ft)	1.2
D8	05 Feb 2015	Low Tide Time	326
D8	05 Feb 2015	Comments	Kelp; Algae; Water clear

Station	Date	Parameter	Value
D8	11 Feb 2015	Arrive Time	842
D8	11 Feb 2015	Weather	Sunny
D8	11 Feb 2015	Wind Speed (kts)	0.2
D8	11 Feb 2015	Wind Dir	E
D8	11 Feb 2015	Animal Life	None
D8	11 Feb 2015	Floatables	None
D8	11 Feb 2015	Water Color	Green
D8	11 Feb 2015	Current Direction	E
D8	11 Feb 2015	Wave Height Low (ft)	3
D8	11 Feb 2015	High Tide (ft)	2.5
D8	11 Feb 2015	High Tide Time	1429
D8	11 Feb 2015	Low Tide (ft)	1.5
D8	11 Feb 2015	Low Tide Time	854
D8	11 Feb 2015	Comments	Kelp; Seagrass; Water clear
D8	17 Feb 2015	Arrive Time	949
D8	17 Feb 2015	Weather	Cloudy
D8	17 Feb 2015	Wind Speed (kts)	3
D8	17 Feb 2015	Wind Dir	W
D8	17 Feb 2015	Animal Life	None
D8	17 Feb 2015	Floatables	None
D8	17 Feb 2015	Water Color	Green
D8	17 Feb 2015	Current Direction	W
D8	17 Feb 2015	Wave Height Low (ft)	3
D8	17 Feb 2015	High Tide (ft)	6.3
D8	17 Feb 2015	High Tide Time	723
D8	17 Feb 2015	Low Tide (ft)	-1.4
D8	17 Feb 2015	Low Tide Time	1418
D8	17 Feb 2015	Comments	Kelp; Seagrass; Water turbid; Two people and two dogs
D8	23 Feb 2015	Arrive Time	958
D8	23 Feb 2015	Weather	Partly Cloudy
D8	23 Feb 2015	Wind Speed (kts)	1.1
D8	23 Feb 2015	Wind Dir	N
D8	23 Feb 2015	Animal Life	None
D8	23 Feb 2015	Floatables	None
D8	23 Feb 2015	Water Color	Green
D8	23 Feb 2015	Current Direction	N
D8	23 Feb 2015	Wave Height Low (ft)	2
D8	23 Feb 2015	High Tide (ft)	3.7
D8	23 Feb 2015	High Tide Time	1224
D8	23 Feb 2015	Low Tide (ft)	0.5
D8	23 Feb 2015	Low Tide Time	630
D8	23 Feb 2015	Comments	Kelp; Seagrass; Water clear
D8	26 Feb 2015	Arrive Time	926
D8	26 Feb 2015	Weather	Sunny
D8	26 Feb 2015	Wind Speed (kts)	1.4

Station	Date	Parameter	Value
D8	26 Feb 2015	Wind Dir	SE
D8	26 Feb 2015	Animal Life	None
D8	26 Feb 2015	Floatables	None
D8	26 Feb 2015	Water Color	Green
D8	26 Feb 2015	Current Direction	SE
D8	26 Feb 2015	Wave Height Low (ft)	3
D8	26 Feb 2015	High Tide (ft)	4.6
D8	26 Feb 2015	High Tide Time	313
D8	26 Feb 2015	Low Tide (ft)	0.4
D8	26 Feb 2015	Low Tide Time	1100
D8	26 Feb 2015	Comments	Kelp; Seagrass; 5 Persons; Water clear
D9	05 Feb 2015	Arrive Time	848
D9	05 Feb 2015	Weather	Cloudy
D9	05 Feb 2015	Wind Speed (kts)	1.6
D9	05 Feb 2015	Wind Dir	N
D9	05 Feb 2015	Animal Life	None
D9	05 Feb 2015	Floatables	None
D9	05 Feb 2015	Water Color	Green
D9	05 Feb 2015	Current Direction	N
D9	05 Feb 2015	Wave Height Low (ft)	2
D9	05 Feb 2015	High Tide (ft)	5.2
D9	05 Feb 2015	High Tide Time	920
D9	05 Feb 2015	Low Tide (ft)	1.2
D9	05 Feb 2015	Low Tide Time	326
D9	05 Feb 2015	Comments	Algae; Water clear
D9	11 Feb 2015	Arrive Time	829
D9	11 Feb 2015	Weather	Sunny
D9	11 Feb 2015	Wind Speed (kts)	1.3
D9	11 Feb 2015	Wind Dir	E
D9	11 Feb 2015	Animal Life	None
D9	11 Feb 2015	Floatables	None
D9	11 Feb 2015	Water Color	Green
D9	11 Feb 2015	Current Direction	E
D9	11 Feb 2015	Wave Height Low (ft)	3
D9	11 Feb 2015	High Tide (ft)	2.5
D9	11 Feb 2015	High Tide Time	1429
D9	11 Feb 2015	Low Tide (ft)	1.5
D9	11 Feb 2015	Low Tide Time	854
D9	11 Feb 2015	Comments	Water turbid
D9	17 Feb 2015	Arrive Time	933
D9	17 Feb 2015	Weather	Cloudy
D9	17 Feb 2015	Wind Speed (kts)	3
D9	17 Feb 2015	Wind Dir	W
D9	17 Feb 2015	Animal Life	None
D9	17 Feb 2015	Floatables	None
D9	17 Feb 2015	Water Color	Blue

Station	Date	Parameter	Value
D9	17 Feb 2015	Current Direction	W
D9	17 Feb 2015	Wave Height Low (ft)	3
D9	17 Feb 2015	High Tide (ft)	6.3
D9	17 Feb 2015	High Tide Time	723
D9	17 Feb 2015	Low Tide (ft)	-1.4
D9	17 Feb 2015	Low Tide Time	1418
D9	17 Feb 2015	Comments	Kelp; Seagrass; Water clear
D9	23 Feb 2015	Arrive Time	942
D9	23 Feb 2015	Weather	Partly Cloudy
D9	23 Feb 2015	Wind Speed (kts)	0.3
D9	23 Feb 2015	Wind Dir	N
D9	23 Feb 2015	Animal Life	None
D9	23 Feb 2015	Floatables	None
D9	23 Feb 2015	Water Color	Green
D9	23 Feb 2015	Current Direction	N
D9	23 Feb 2015	Wave Height Low (ft)	3
D9	23 Feb 2015	High Tide (ft)	3.7
D9	23 Feb 2015	High Tide Time	1224
D9	23 Feb 2015	Low Tide (ft)	0.5
D9	23 Feb 2015	Low Tide Time	630
D9	23 Feb 2015	Comments	Kelp; Algae; Water clear
D9	26 Feb 2015	Arrive Time	908
D9	26 Feb 2015	Weather	Sunny
D9	26 Feb 2015	Wind Speed (kts)	1.4
D9	26 Feb 2015	Wind Dir	SE
D9	26 Feb 2015	Animal Life	None
D9	26 Feb 2015	Floatables	None
D9	26 Feb 2015	Water Color	Green
D9	26 Feb 2015	Current Direction	SE
D9	26 Feb 2015	Wave Height Low (ft)	2
D9	26 Feb 2015	High Tide (ft)	4.6
D9	26 Feb 2015	High Tide Time	313
D9	26 Feb 2015	Low Tide (ft)	0.4
D9	26 Feb 2015	Low Tide Time	1100
D9	26 Feb 2015	Comments	1 Person; Water clear
D10	05 Feb 2015	Arrive Time	831
D10	05 Feb 2015	Weather	Cloudy
D10	05 Feb 2015	Wind Speed (kts)	0.1
D10	05 Feb 2015	Wind Dir	NE
D10	05 Feb 2015	Animal Life	None
D10	05 Feb 2015	Floatables	None
D10	05 Feb 2015	Water Color	Green
D10	05 Feb 2015	Current Direction	NE
D10	05 Feb 2015	Wave Height Low (ft)	3
D10	05 Feb 2015	High Tide (ft)	5.2
D10	05 Feb 2015	High Tide Time	920

Station	Date	Parameter	Value
D10	05 Feb 2015	Low Tide (ft)	1.2
D10	05 Feb 2015	Low Tide Time	326
D10	05 Feb 2015	Comments	Water clear
D10	11 Feb 2015	Arrive Time	821
D10	11 Feb 2015	Weather	Sunny
D10	11 Feb 2015	Wind Speed (kts)	1.1
D10	11 Feb 2015	Wind Dir	E
D10	11 Feb 2015	Animal Life	None
D10	11 Feb 2015	Floatables	None
D10	11 Feb 2015	Water Color	Green
D10	11 Feb 2015	Current Direction	E
D10	11 Feb 2015	Wave Height Low (ft)	3
D10	11 Feb 2015	High Tide (ft)	2.5
D10	11 Feb 2015	High Tide Time	1429
D10	11 Feb 2015	Low Tide (ft)	1.5
D10	11 Feb 2015	Low Tide Time	854
D10	11 Feb 2015	Comments	Kelp; Seagrass; Water turbid
D10	17 Feb 2015	Arrive Time	917
D10	17 Feb 2015	Weather	Cloudy
D10	17 Feb 2015	Wind Speed (kts)	3
D10	17 Feb 2015	Wind Dir	W
D10	17 Feb 2015	Animal Life	None
D10	17 Feb 2015	Floatables	None
D10	17 Feb 2015	Water Color	Green
D10	17 Feb 2015	Current Direction	W
D10	17 Feb 2015	Wave Height Low (ft)	3
D10	17 Feb 2015	High Tide (ft)	6.3
D10	17 Feb 2015	High Tide Time	723
D10	17 Feb 2015	Low Tide (ft)	-1.4
D10	17 Feb 2015	Low Tide Time	1418
D10	17 Feb 2015	Comments	Kelp; Seagrass; Water turbid
D10	23 Feb 2015	Arrive Time	926
D10	23 Feb 2015	Weather	Cloudy
D10	23 Feb 2015	Wind Speed (kts)	3.3
D10	23 Feb 2015	Wind Dir	N
D10	23 Feb 2015	Animal Life	None
D10	23 Feb 2015	Floatables	None
D10	23 Feb 2015	Water Color	Green
D10	23 Feb 2015	Current Direction	N
D10	23 Feb 2015	Wave Height Low (ft)	3
D10	23 Feb 2015	High Tide (ft)	3.7
D10	23 Feb 2015	High Tide Time	1224
D10	23 Feb 2015	Low Tide (ft)	0.5
D10	23 Feb 2015	Low Tide Time	630
D10	23 Feb 2015	Comments	Kelp; Water clear

Station	Date	Parameter	Value
D10	26 Feb 2015	Arrive Time	855
D10	26 Feb 2015	Weather	Sunny
D10	26 Feb 2015	Wind Speed (kts)	2.2
D10	26 Feb 2015	Wind Dir	SE
D10	26 Feb 2015	Animal Life	5 Birds
D10	26 Feb 2015	Floatables	None
D10	26 Feb 2015	Water Color	Green
D10	26 Feb 2015	Current Direction	SE
D10	26 Feb 2015	Wave Height Low (ft)	3
D10	26 Feb 2015	High Tide (ft)	4.6
D10	26 Feb 2015	High Tide Time	313
D10	26 Feb 2015	Low Tide (ft)	0.4
D10	26 Feb 2015	Low Tide Time	1100
D10	26 Feb 2015	Comments	2 Persons; 2 Surfers; Water clear
D11	05 Feb 2015	Arrive Time	815
D11	05 Feb 2015	Weather	Cloudy
D11	05 Feb 2015	Wind Speed (kts)	2.1
D11	05 Feb 2015	Wind Dir	NE
D11	05 Feb 2015	Animal Life	None
D11	05 Feb 2015	Floatables	None
D11	05 Feb 2015	Water Color	Green
D11	05 Feb 2015	Current Direction	NE
D11	05 Feb 2015	Wave Height Low (ft)	3
D11	05 Feb 2015	High Tide (ft)	5.2
D11	05 Feb 2015	High Tide Time	920
D11	05 Feb 2015	Low Tide (ft)	1.2
D11	05 Feb 2015	Low Tide Time	326
D11	05 Feb 2015	Comments	Algae; Water clear
D11	11 Feb 2015	Arrive Time	811
D11	11 Feb 2015	Weather	Sunny
D11	11 Feb 2015	Wind Speed (kts)	1.2
D11	11 Feb 2015	Wind Dir	E
D11	11 Feb 2015	Animal Life	1 Dog
D11	11 Feb 2015	Floatables	None
D11	11 Feb 2015	Water Color	Green
D11	11 Feb 2015	Current Direction	E
D11	11 Feb 2015	Wave Height Low (ft)	3
D11	11 Feb 2015	High Tide (ft)	2.5
D11	11 Feb 2015	High Tide Time	1429
D11	11 Feb 2015	Low Tide (ft)	1.5
D11	11 Feb 2015	Low Tide Time	854
D11	11 Feb 2015	Comments	Kelp; Seagrass; 4 Persons; Water turbid
D11	17 Feb 2015	Arrive Time	909
D11	17 Feb 2015	Weather	Cloudy
D11	17 Feb 2015	Wind Speed (kts)	3
D11	17 Feb 2015	Wind Dir	W

Station	Date	Parameter	Value
D11	17 Feb 2015	Animal Life	None
D11	17 Feb 2015	Floatables	None
D11	17 Feb 2015	Water Color	Green
D11	17 Feb 2015	Current Direction	W
D11	17 Feb 2015	Wave Height Low (ft)	3
D11	17 Feb 2015	High Tide (ft)	6.3
D11	17 Feb 2015	High Tide Time	723
D11	17 Feb 2015	Low Tide (ft)	-1.4
D11	17 Feb 2015	Low Tide Time	1418
D11	17 Feb 2015	Comments	Kelp; Seagrass; Water turbid
D11	23 Feb 2015	Arrive Time	913
D11	23 Feb 2015	Weather	Partly Cloudy
D11	23 Feb 2015	Wind Speed (kts)	3.4
D11	23 Feb 2015	Wind Dir	N
D11	23 Feb 2015	Animal Life	None
D11	23 Feb 2015	Floatables	None
D11	23 Feb 2015	Water Color	Green
D11	23 Feb 2015	Current Direction	N
D11	23 Feb 2015	Wave Height Low (ft)	2
D11	23 Feb 2015	High Tide (ft)	3.7
D11	23 Feb 2015	High Tide Time	1224
D11	23 Feb 2015	Low Tide (ft)	0.5
D11	23 Feb 2015	Low Tide Time	630
D11	23 Feb 2015	Comments	Kelp; Algae; Water clear
D11	26 Feb 2015	Arrive Time	844
D11	26 Feb 2015	Weather	Sunny
D11	26 Feb 2015	Wind Speed (kts)	3.3
D11	26 Feb 2015	Wind Dir	SE
D11	26 Feb 2015	Animal Life	2 Seagulls
D11	26 Feb 2015	Floatables	None
D11	26 Feb 2015	Water Color	Green
D11	26 Feb 2015	Current Direction	SE
D11	26 Feb 2015	Wave Height Low (ft)	3
D11	26 Feb 2015	High Tide (ft)	4.6
D11	26 Feb 2015	High Tide Time	313
D11	26 Feb 2015	Low Tide (ft)	0.4
D11	26 Feb 2015	Low Tide Time	1100
D11	26 Feb 2015	Comments	Water clear
D12	05 Feb 2015	Arrive Time	750
D12	05 Feb 2015	Weather	Cloudy
D12	05 Feb 2015	Wind Speed (kts)	0.1
D12	05 Feb 2015	Wind Dir	NW
D12	05 Feb 2015	Animal Life	None
D12	05 Feb 2015	Floatables	None
D12	05 Feb 2015	Water Color	Green
D12	05 Feb 2015	Current Direction	NW

Station	Date	Parameter	Value
D12	05 Feb 2015	Wave Height Low (ft)	2
D12	05 Feb 2015	High Tide (ft)	5.2
D12	05 Feb 2015	High Tide Time	920
D12	05 Feb 2015	Low Tide (ft)	1.2
D12	05 Feb 2015	Low Tide Time	326
D12	05 Feb 2015	Comments	Seagrass; Water clear
D12	11 Feb 2015	Arrive Time	750
D12	11 Feb 2015	Weather	Sunny
D12	11 Feb 2015	Wind Speed (kts)	2.1
D12	11 Feb 2015	Wind Dir	E
D12	11 Feb 2015	Animal Life	None
D12	11 Feb 2015	Floatables	None
D12	11 Feb 2015	Water Color	Green
D12	11 Feb 2015	Current Direction	E
D12	11 Feb 2015	Wave Height Low (ft)	3
D12	11 Feb 2015	High Tide (ft)	4.1
D12	11 Feb 2015	High Tide Time	127
D12	11 Feb 2015	Low Tide (ft)	1.5
D12	11 Feb 2015	Low Tide Time	854
D12	11 Feb 2015	Comments	1 Person; Water clear
D12	17 Feb 2015	Arrive Time	847
D12	17 Feb 2015	Weather	Cloudy
D12	17 Feb 2015	Wind Speed (kts)	2.7
D12	17 Feb 2015	Wind Dir	W
D12	17 Feb 2015	Animal Life	None
D12	17 Feb 2015	Floatables	None
D12	17 Feb 2015	Water Color	Green
D12	17 Feb 2015	Current Direction	W
D12	17 Feb 2015	Wave Height Low (ft)	3
D12	17 Feb 2015	High Tide (ft)	6.3
D12	17 Feb 2015	High Tide Time	723
D12	17 Feb 2015	Low Tide (ft)	-1.4
D12	17 Feb 2015	Low Tide Time	1418
D12	17 Feb 2015	Comments	Water turbid; Small amount of leftover food
D12	23 Feb 2015	Arrive Time	852
D12	23 Feb 2015	Weather	Partly Cloudy
D12	23 Feb 2015	Wind Speed (kts)	7.1
D12	23 Feb 2015	Wind Dir	N
D12	23 Feb 2015	Animal Life	None
D12	23 Feb 2015	Floatables	None
D12	23 Feb 2015	Water Color	Green
D12	23 Feb 2015	Current Direction	N
D12	23 Feb 2015	Wave Height Low (ft)	2
D12	23 Feb 2015	High Tide (ft)	3.7
D12	23 Feb 2015	High Tide Time	1224
D12	23 Feb 2015	Low Tide (ft)	0.5

Station	Date	Parameter	Value
D12	23 Feb 2015	Low Tide Time	630
D12	23 Feb 2015	Comments	Seagrass; 1 Person; Water clear
D12	26 Feb 2015	Arrive Time	822
D12	26 Feb 2015	Weather	Sunny
D12	26 Feb 2015	Wind Speed (kts)	2.2
D12	26 Feb 2015	Wind Dir	SE
D12	26 Feb 2015	Animal Life	None
D12	26 Feb 2015	Floatables	None
D12	26 Feb 2015	Water Color	Green
D12	26 Feb 2015	Current Direction	SE
D12	26 Feb 2015	Wave Height Low (ft)	2
D12	26 Feb 2015	High Tide (ft)	4.6
D12	26 Feb 2015	High Tide Time	313
D12	26 Feb 2015	Low Tide (ft)	0.4
D12	26 Feb 2015	Low Tide Time	1100
D12	26 Feb 2015	Comments	Water clear

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# Kelp Stations



**Table 3.1**

Summary of compliance with the 2009 Ocean Plan's 30-day Geometric Mean standard for total coliforms 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 2015	3	4	3	2	3	2	2	3
02 Feb 2015	4	4	4	2	3	2	2	3
03 Feb 2015	4	4	4	2	3	2	2	3
04 Feb 2015	4	3	4	2	3	2	2	3
05 Feb 2015	4	3	4	2	3	2	2	3
06 Feb 2015	4	3	4	2	3	2	2	3
07 Feb 2015	4	3	4	2	3	2	2	3
08 Feb 2015	4	3	4	2	3	2	2	3
09 Feb 2015	5*	2*	5*	2*	3*	2*	2*	3*
10 Feb 2015	5*	2*	5*	2*	3*	2*	2*	3*
11 Feb 2015	5*	2*	5*	2*	3*	2*	2*	3*
12 Feb 2015	5	3	4	2	3	2	2	3
13 Feb 2015	5	3	4	2	3	2	2	3
14 Feb 2015	5*	3*	3*	2*	3*	2*	2*	4*
15 Feb 2015	5*	3*	3*	2*	3*	2*	2*	4*
16 Feb 2015	5*	3*	3*	2*	3*	2*	2*	4*
17 Feb 2015	5*	3*	3*	2*	3*	2*	2*	4*
18 Feb 2015	4	4	3	2	3	2	2	3
19 Feb 2015	5*	4*	3*	2*	3*	2*	2*	4*
20 Feb 2015	5*	4*	3*	2*	3*	2*	2*	4*
21 Feb 2015	5*	4*	3*	2*	3*	2*	2*	4*
22 Feb 2015	4	4	3	2	3	2	2	3
23 Feb 2015	4	4	3	2	3	2	2	3
24 Feb 2015	4	4	3	2	3	2	2	3
25 Feb 2015	4	4	3	2	3	2	2	3
26 Feb 2015	4	4	3	2	3	2	2	3
27 Feb 2015	4	4	3	2	2	2	2	2
28 Feb 2015	4	4	3	2	2	2	2	2

\* Geometric mean calculated using an n<5

**Table 3.2**

Summary of compliance with the 2009 Ocean Plan's 30-day Geometric Mean standard for fecal coliform 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 2015	2	3	2	3	2	2	2	2
02 Feb 2015	2	2	2	3	2	2	2	2
03 Feb 2015	2	2	2	3	2	2	2	2
04 Feb 2015	2	3	2	3	2	2	2	2
05 Feb 2015	2	3	2	3	2	2	2	2
06 Feb 2015	2	3	2	3	2	2	2	2
07 Feb 2015	2	3	2	3	2	2	2	2
08 Feb 2015	2	3	2	3	2	2	2	2
09 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
10 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
11 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
12 Feb 2015	2	2	2	2	2	2	2	2
13 Feb 2015	2	2	2	2	2	2	2	2
14 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
15 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
16 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
17 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
18 Feb 2015	2	2	2	2	2	2	2	2
19 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
20 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
21 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
22 Feb 2015	2	2	2	2	2	2	2	2
23 Feb 2015	2	2	2	2	2	2	2	2
24 Feb 2015	2	2	2	2	2	2	2	2
25 Feb 2015	2	2	2	2	2	2	2	2
26 Feb 2015	2	2	2	2	2	2	2	2
27 Feb 2015	2	2	2	2	2	2	2	2
28 Feb 2015	2	2	2	2	2	2	2	2

\* Geometric mean calculated using an n<5

**Table 3.3**

Summary of compliance with the 2009 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 2015	2	2	2	2	2	2	2	2
02 Feb 2015	2	2	2	2	2	2	2	2
03 Feb 2015	2	2	2	2	2	2	2	2
04 Feb 2015	2	2	2	2	2	2	2	2
05 Feb 2015	2	2	2	2	2	2	2	2
06 Feb 2015	2	2	2	2	2	2	2	2
07 Feb 2015	2	2	2	2	2	2	2	2
08 Feb 2015	2	2	2	2	2	2	2	2
09 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
10 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
11 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
12 Feb 2015	2	2	2	2	2	2	2	2
13 Feb 2015	2	2	2	2	2	2	2	2
14 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
15 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
16 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
17 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
18 Feb 2015	2	2	2	2	2	2	2	2
19 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
20 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
21 Feb 2015	2*	2*	2*	2*	2*	2*	2*	2*
22 Feb 2015	2	2	2	2	2	2	2	2
23 Feb 2015	2	2	2	2	2	2	2	2
24 Feb 2015	2	2	2	2	2	2	2	2
25 Feb 2015	2	2	2	2	2	2	2	2
26 Feb 2015	2	2	2	2	2	2	2	2
27 Feb 2015	2	2	2	2	2	2	2	2
28 Feb 2015	2	2	2	2	2	2	2	2

\* Geometric mean calculated using an n<5

**Table 3.4**

Summary of compliance at the PLOO kelp stations with the 2009 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
02 Feb 2015	IC							
12 Feb 2015	IC							
18 Feb 2015	IC							
22 Feb 2015	IC							
27 Feb 2015	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

**Table 3.5**

Summary of compliance at the PLOO kelp stations with the 2009 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
02 Feb 2015	IC							
12 Feb 2015	IC							
18 Feb 2015	IC							
22 Feb 2015	IC							
27 Feb 2015	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

**Table 3.6**

Summary of compliance at the PLOO kelp stations with the 2009 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
02 Feb 2015	IC							
12 Feb 2015	IC							
18 Feb 2015	IC							
22 Feb 2015	IC							
27 Feb 2015	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

**Table 3.7**

Summary of compliance at the PLOO kelp stations with the 2009 Ocean Plan's Single Sample Maximum standard for total coliforms 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
02 Feb 2015	IC							
12 Feb 2015	IC							
18 Feb 2015	IC							
22 Feb 2015	IC							
27 Feb 2015	IC							

IC = In Compliance

E = Exceedance

ns = not sampled

**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* (Enter) bacteria are reported as CFU/100 mL; the fecal:total coliform ratio (F:T) is unitless; ammonium (N-NH<sub>3</sub>) values are reported as mL/L; 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	Enter	F:T	N-NH <sub>3</sub>	Temp	XMS	DO	Sal	pH
A1	02 Feb 2015	804	1	4e	<2	4e	0.50	ns	16.2	89.06	7.7	33.40	8.2
A1	02 Feb 2015	804	12	10e	<2	<2	0.20	ns	15.5	87.88	7.3	33.36	8.2
A1	02 Feb 2015	804	18	60e	2e	<2	0.03	ns	13.8	89.32	7.0	33.30	8.1
A1	12 Feb 2015	744	1	2e	<2	<2	1.00	<0.01	16.3	83.44	6.7	33.24	8.2
A1	12 Feb 2015	744	12	4e	<2	<2	0.50	<0.01	14.4	81.51	6.9	33.34	8.1
A1	12 Feb 2015	744	18	12e	<2	<2	0.17	<0.01	12.9	80.63	6.1	33.34	8.0
A1	18 Feb 2015	750	1	<2	<2	<2	1.00	ns	16.8	90.06	8.0	33.36	8.2
A1	18 Feb 2015	750	12	<2	<2	<2	1.00	ns	16.6	90.32	8.0	33.35	8.2
A1	18 Feb 2015	750	18	<2	<2	<2	1.00	ns	13.6	87.30	7.3	33.27	8.1
A1	22 Feb 2015	755	1	<2	<2	<2	1.00	ns	17.1	91.56	7.8	33.37	8.2
A1	22 Feb 2015	755	12	<2	<2	<2	1.00	ns	14.7	90.33	7.7	33.28	8.1
A1	22 Feb 2015	755	18	<2	<2	<2	1.00	ns	14.6	89.53	7.6	33.29	8.1
A1	27 Feb 2015	952	1	<2	<2	<2	1.00	ns	17.0	87.98	7.9	33.38	8.2
A1	27 Feb 2015	952	12	<2	<2	<2	1.00	ns	16.8	91.42	7.7	33.36	8.2
A1	27 Feb 2015	952	18	<2	<2	<2	1.00	ns	14.8	91.47	7.0	33.31	8.1
C4	02 Feb 2015	1111	1	<2	<2	<2	1.00	ns	16.6	81.86	7.2	33.42	8.2
C4	02 Feb 2015	1111	3	<2	<2	<2	1.00	ns	16.5	82.44	7.3	33.42	8.2
C4	02 Feb 2015	1111	9	<2	<2	<2	1.00	ns	16.5	84.01	7.3	33.42	8.2
C4	12 Feb 2015	955	1	<2	<2	<2	1.00	<0.01	16.4	79.34	8.0	33.36	8.2
C4	12 Feb 2015	955	3	<2	<2	<2	1.00	<0.01	16.2	79.38	8.1	33.36	8.2
C4	12 Feb 2015	955	9	<2	<2	<2	1.00	<0.01	15.6	79.01	6.8	33.34	8.2
C4	18 Feb 2015	944	1	2e	<2	<2	1.00	ns	17.5	87.08	8.2	33.39	8.3
C4	18 Feb 2015	944	3	<2	<2	<2	1.00	ns	17.3	87.29	8.1	33.38	8.3
C4	18 Feb 2015	944	9	<2	<2	<2	1.00	ns	15.7	89.33	6.6	33.33	8.1
C4	22 Feb 2015	946	1	<2	<2	<2	1.00	ns	17.2	90.45	8.0	33.38	8.2
C4	22 Feb 2015	946	3	<2	<2	<2	1.00	ns	17.1	91.42	8.0	33.37	8.2
C4	22 Feb 2015	946	9	<2	<2	<2	1.00	ns	17.1	91.41	8.0	33.37	8.2
C4	27 Feb 2015	1153	1	<2	<2	<2	1.00	ns	16.9	85.86	7.7	33.38	8.2
C4	27 Feb 2015	1153	3	<2	<2	<2	1.00	ns	16.9	88.17	7.8	33.38	8.2
C4	27 Feb 2015	1153	9	<2	<2	<2	1.00	ns	16.8	87.76	7.8	33.37	8.2
C5	02 Feb 2015	1054	1	<2	<2	<2	1.00	ns	16.9	84.40	6.8	33.23	8.2
C5	02 Feb 2015	1054	3	<2	<2	<2	1.00	ns	16.6	83.47	7.0	33.47	8.2
C5	02 Feb 2015	1054	9	2e	<2	<2	1.00	ns	16.4	74.75	6.6	33.42	8.1
C5	12 Feb 2015	940	1	<2	<2	<2	1.00	<0.01	16.3	72.03	7.8	33.36	8.2
C5	12 Feb 2015	940	3	<2	<2	<2	1.00	<0.01	16.3	73.07	7.8	33.36	8.2
C5	12 Feb 2015	940	9	<2	<2	<2	1.00	<0.01	15.5	74.80	6.7	33.35	8.1

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	N-NH3	Temp	XMS	DO	Sal	pH
C5	18 Feb 2015	932	1	<2	<2	<2	1.00	ns	17.5	87.07	8.1	33.39	8.3
C5	18 Feb 2015	932	3	<2	<2	<2	1.00	ns	17.4	87.21	8.1	33.38	8.3
C5	18 Feb 2015	932	9	<2	<2	<2	1.00	ns	15.8	89.16	7.3	33.33	8.2
C5	22 Feb 2015	935	1	<2	<2	<2	1.00	ns	17.2	90.86	7.9	33.37	8.2
C5	22 Feb 2015	935	3	<2	<2	<2	1.00	ns	17.2	91.62	7.8	33.37	8.2
C5	22 Feb 2015	935	9	<2	<2	<2	1.00	ns	16.7	91.77	7.8	33.35	8.2
C5	27 Feb 2015	1139	1	<2	<2	<2	1.00	ns	17.2	82.99	7.8	33.40	8.2
C5	27 Feb 2015	1139	3	<2	<2	<2	1.00	ns	17.2	82.96	7.8	33.40	8.2
C5	27 Feb 2015	1139	9	<2	<2	<2	1.00	ns	17.0	83.55	8.0	33.39	8.2
A6	02 Feb 2015	843	1	<2	<2	2e	1.00	ns	16.4	86.47	7.7	33.40	8.2
A6	02 Feb 2015	843	12	2e	<2	2e	1.00	ns	16.3	86.67	7.5	33.40	8.2
A6	02 Feb 2015	843	18	8e	2e	4e	0.25	ns	15.5	87.98	6.9	33.36	8.2
A6	12 Feb 2015	818	1	2e	<2	<2	1.00	<0.01	16.4	79.62	8.2	33.35	8.2
A6	12 Feb 2015	818	12	6e	<2	<2	0.33	<0.01	15.5	80.64	7.2	33.34	8.2
A6	12 Feb 2015	818	18	18e	<2	<2	0.11	<0.01	13.4	78.13	6.2	33.32	8.0
A6	18 Feb 2015	825	1	2e	<2	<2	1.00	ns	17.2	88.94	8.1	33.38	8.2
A6	18 Feb 2015	825	12	<2	<2	<2	1.00	ns	16.4	89.06	7.9	33.35	8.2
A6	18 Feb 2015	825	18	10e	<2	<2	0.20	ns	15.8	89.02	7.7	33.33	8.2
A6	22 Feb 2015	828	1	<2	<2	<2	1.00	ns	17.2	91.65	7.8	33.37	8.2
A6	22 Feb 2015	828	12	2e	<2	<2	1.00	ns	16.5	91.50	7.6	33.35	8.2
A6	22 Feb 2015	828	18	6e	2e	<2	0.33	ns	15.3	90.85	7.5	33.31	8.1
A6	27 Feb 2015	1025	1	<2	<2	<2	1.00	ns	17.2	86.93	8.1	33.37	8.2
A6	27 Feb 2015	1025	12	2e	<2	<2	1.00	ns	16.4	91.04	7.4	33.34	8.2
A6	27 Feb 2015	1025	18	4e	<2	<2	0.50	ns	14.1	89.38	6.8	33.29	8.1
C6	02 Feb 2015	1041	1	<2	<2	<2	1.00	ns	16.9	84.66	7.3	33.40	8.2
C6	02 Feb 2015	1041	3	<2	<2	<2	1.00	ns	16.6	84.13	7.3	33.40	8.2
C6	02 Feb 2015	1041	9	2e	<2	<2	1.00	ns	16.5	85.53	6.9	33.41	8.2
C6	12 Feb 2015	922	1	<2	<2	<2	1.00	<0.01	16.4	73.97	6.6	33.35	8.2
C6	12 Feb 2015	922	3	<2	<2	<2	1.00	<0.01	16.4	75.23	7.8	33.39	8.2
C6	12 Feb 2015	922	9	<2	<2	<2	1.00	<0.01	15.7	82.24	7.1	33.36	8.1
C6	18 Feb 2015	918	1	<2	<2	<2	1.00	ns	17.5	87.90	8.1	33.38	8.3
C6	18 Feb 2015	918	3	2e	<2	<2	1.00	ns	17.4	87.96	8.1	33.38	8.3
C6	18 Feb 2015	918	9	2e	<2	<2	1.00	ns	16.0	90.01	7.4	33.33	8.2
C6	22 Feb 2015	922	1	<2	<2	<2	1.00	ns	17.3	89.73	8.1	33.39	8.2
C6	22 Feb 2015	922	3	<2	<2	<2	1.00	ns	17.3	90.42	8.1	33.39	8.2
C6	22 Feb 2015	922	9	<2	<2	<2	1.00	ns	17.2	90.73	8.0	33.38	8.2
C6	27 Feb 2015	1123	1	<2	<2	<2	1.00	ns	17.3	82.01	7.6	33.39	8.2
C6	27 Feb 2015	1123	3	<2	<2	<2	1.00	ns	17.3	82.87	7.7	33.39	8.2
C6	27 Feb 2015	1123	9	<2	<2	<2	1.00	ns	17.2	83.87	7.6	33.38	8.2
A7	02 Feb 2015	826	1	<2	<2	<2	1.00	ns	16.4	87.05	7.8	33.40	8.2
A7	02 Feb 2015	826	12	<2	<2	<2	1.00	ns	16.3	87.69	7.7	33.40	8.2
A7	02 Feb 2015	826	18	24e	2e	2e	0.08	ns	15.0	88.31	7.0	33.35	8.2
A7	12 Feb 2015	802	1	2e	<2	<2	1.00	<0.01	16.4	82.72	7.9	33.35	8.2

Station	Date	Time	Depth	Total	Fecal	Enter	F:T	N-NH3	Temp	XMS	DO	Sal	pH
A7	12 Feb 2015	802	12	<2	<2	2e	1.00	<0.01	16.0	81.64	7.4	33.34	8.2
A7	12 Feb 2015	802	18	<2	<2	4e	1.00	<0.01	13.3	79.99	6.2	33.33	8.0
A7	18 Feb 2015	808	1	<2	<2	<2	1.00	ns	17.1	88.35	8.4	33.38	8.2
A7	18 Feb 2015	808	12	<2	<2	<2	1.00	ns	16.9	88.09	8.1	33.37	8.2
A7	18 Feb 2015	808	18	<2	<2	<2	1.00	ns	15.4	89.16	7.6	33.30	8.2
A7	22 Feb 2015	811	1	<2	<2	<2	1.00	ns	17.2	90.22	7.8	33.37	8.2
A7	22 Feb 2015	811	12	2e	<2	<2	1.00	ns	15.1	91.10	7.6	33.30	8.1
A7	22 Feb 2015	811	18	4e	<2	<2	0.50	ns	15.0	90.77	7.6	33.30	8.1
A7	27 Feb 2015	1005	1	<2	<2	<2	1.00	ns	17.1	88.74	7.8	33.38	8.2
A7	27 Feb 2015	1005	12	2e	<2	<2	1.00	ns	17.0	90.84	7.9	33.38	8.2
A7	27 Feb 2015	1005	18	<2	<2	<2	1.00	ns	14.7	90.76	7.3	33.32	8.1
C7	02 Feb 2015	904	1	<2	<2	<2	1.00	ns	16.5	86.06	7.9	33.37	8.2
C7	02 Feb 2015	904	12	2e	<2	2e	1.00	ns	16.2	82.97	7.2	33.39	8.2
C7	02 Feb 2015	904	18	2e	<2	<2	1.00	ns	16.0	88.22	6.8	33.39	8.2
C7	12 Feb 2015	837	1	<2	<2	<2	1.00	<0.01	16.4	77.14	8.4	33.36	8.2
C7	12 Feb 2015	837	12	2e	8e	<2	4.00	<0.01	15.5	77.87	7.0	33.33	8.1
C7	12 Feb 2015	837	18	4e	2e	2e	0.50	0.01	13.8	79.64	6.2	33.34	8.1
C7	18 Feb 2015	844	1	4e	<2	<2	0.50	ns	17.4	87.83	8.6	33.38	8.3
C7	18 Feb 2015	844	12	<2	<2	<2	1.00	ns	16.6	88.28	8.0	33.35	8.2
C7	18 Feb 2015	844	18	<2	<2	<2	1.00	ns	14.5	89.35	7.3	33.29	8.2
C7	22 Feb 2015	845	1	<2	<2	<2	1.00	ns	17.2	90.07	7.9	33.37	8.2
C7	22 Feb 2015	845	12	<2	<2	<2	1.00	ns	17.0	91.17	7.4	33.36	8.2
C7	22 Feb 2015	845	18	<2	<2	<2	1.00	ns	15.4	89.88	7.2	33.32	8.1
C7	27 Feb 2015	1043	1	<2	<2	<2	1.00	ns	17.2	69.07	8.4	33.36	8.2
C7	27 Feb 2015	1043	12	<2	<2	<2	1.00	ns	16.4	89.14	7.3	33.33	8.2
C7	27 Feb 2015	1043	18	<2	<2	<2	1.00	ns	15.4	88.09	6.8	33.32	8.1
C8	02 Feb 2015	920	1	<2	<2	<2	1.00	ns	16.5	88.36	7.8	33.39	8.2
C8	02 Feb 2015	920	12	2e	<2	<2	1.00	ns	16.2	87.10	7.7	33.39	8.2
C8	02 Feb 2015	920	18	2e	<2	<2	1.00	ns	15.8	83.95	7.3	33.38	8.2
C8	12 Feb 2015	858	1	<2	<2	2e	1.00	<0.01	16.5	72.71	7.9	33.35	8.2
C8	12 Feb 2015	858	12	4e	2e	2e	0.50	<0.01	15.3	70.90	6.8	33.33	8.1
C8	12 Feb 2015	858	18	10e	<2	2e	0.20	<0.01	13.8	72.19	6.0	33.31	8.1
C8	18 Feb 2015	859	1	<2	<2	<2	1.00	ns	17.4	87.41	7.9	33.38	8.2
C8	18 Feb 2015	859	12	<2	<2	<2	1.00	ns	16.3	87.13	7.9	33.34	8.2
C8	18 Feb 2015	859	18	2e	<2	<2	1.00	ns	15.1	87.83	7.2	33.31	8.2
C8	22 Feb 2015	903	1	<2	<2	<2	1.00	ns	17.2	89.41	7.8	33.37	8.2
C8	22 Feb 2015	903	12	<2	<2	<2	1.00	ns	17.2	89.35	7.7	33.36	8.2
C8	22 Feb 2015	903	18	<2	<2	<2	1.00	ns	16.2	86.31	7.0	33.34	8.1
C8	27 Feb 2015	1102	1	<2	<2	<2	1.00	ns	17.1	88.31	7.9	33.37	8.2
C8	27 Feb 2015	1102	12	<2	<2	<2	1.00	ns	16.1	89.35	7.9	33.32	8.2
C8	27 Feb 2015	1102	18	<2	<2	<2	1.00	ns	15.1	88.80	7.5	33.30	8.2

ns = not sampled

**Table 3.9**

Summary of visual observations made during the month at the PLOO kelp stations for each sample date.

Station	Date	Parameter	Value
A1	02 Feb 2015	Depth (m)	18
A1	02 Feb 2015	Arrive Time	804
A1	02 Feb 2015	Depart Time	813
A1	02 Feb 2015	Air Temp (C)	15
A1	02 Feb 2015	Weather	Clear
A1	02 Feb 2015	Visibility (mi)	12
A1	02 Feb 2015	Wind Speed (kts)	1
A1	02 Feb 2015	Wind Dir	SE
A1	02 Feb 2015	Water Color	Green
A1	02 Feb 2015	Wave Ht Low (ft)	3
A1	02 Feb 2015	Wave Period (sec)	9
A1	02 Feb 2015	Sea State	Calm
A1	02 Feb 2015	High Tide (ft)	5.67
A1	02 Feb 2015	High Tide Time	746
A1	02 Feb 2015	Low Tide (ft)	-0.72
A1	02 Feb 2015	Low Tide Time	1446
A1	02 Feb 2015	Comments	Lobster floats; Kelp
A1	12 Feb 2015	Depth (m)	17
A1	12 Feb 2015	Arrive Time	744
A1	12 Feb 2015	Depart Time	755
A1	12 Feb 2015	Air Temp (C)	20
A1	12 Feb 2015	Weather	Clear
A1	12 Feb 2015	Visibility (mi)	9
A1	12 Feb 2015	Wind Speed (kts)	4
A1	12 Feb 2015	Wind Dir	E
A1	12 Feb 2015	Water Color	Greenish-Blue
A1	12 Feb 2015	Wave Ht Low (ft)	4
A1	12 Feb 2015	Wave Period (sec)	13
A1	12 Feb 2015	Sea State	Wind ripples
A1	12 Feb 2015	High Tide (ft)	2.57
A1	12 Feb 2015	High Tide Time	1635
A1	12 Feb 2015	Low Tide (ft)	1.08
A1	12 Feb 2015	Low Tide Time	1026
A1	12 Feb 2015	Comments	Lobster floats; Kelp
A1	18 Feb 2015	Depth (m)	18
A1	18 Feb 2015	Arrive Time	750
A1	18 Feb 2015	Depart Time	759
A1	18 Feb 2015	Air Temp (C)	15
A1	18 Feb 2015	Weather	Fog
A1	18 Feb 2015	Visibility (mi)	5
A1	18 Feb 2015	Wind Speed (kts)	5
A1	18 Feb 2015	Wind Dir	N

Station	Date	Parameter	Value
A1	18 Feb 2015	Water Color	Greenish-Blue
A1	18 Feb 2015	Wave Ht Low (ft)	4
A1	18 Feb 2015	Wave Period (sec)	13
A1	18 Feb 2015	Sea State	Calm
A1	18 Feb 2015	High Tide (ft)	6.36
A1	18 Feb 2015	High Tide Time	808
A1	18 Feb 2015	Low Tide (ft)	-1.46
A1	18 Feb 2015	Low Tide Time	1456
A1	18 Feb 2015	Comments	Kelp
A1	22 Feb 2015	Depth (m)	20
A1	22 Feb 2015	Arrive Time	755
A1	22 Feb 2015	Depart Time	804
A1	22 Feb 2015	Air Temp (C)	16
A1	22 Feb 2015	Weather	Overcast
A1	22 Feb 2015	Visibility (mi)	4
A1	22 Feb 2015	Wind Speed (kts)	8
A1	22 Feb 2015	Wind Dir	E
A1	22 Feb 2015	Water Color	Green
A1	22 Feb 2015	Wave Ht Low (ft)	3
A1	22 Feb 2015	Wave Period (sec)	13
A1	22 Feb 2015	Sea State	Calm
A1	22 Feb 2015	High Tide (ft)	4.45
A1	22 Feb 2015	High Tide Time	1121
A1	22 Feb 2015	Low Tide (ft)	0.28
A1	22 Feb 2015	Low Tide Time	525
A1	22 Feb 2015	Comments	Kelp; Boats
A1	27 Feb 2015	Depth (m)	18
A1	27 Feb 2015	Arrive Time	952
A1	27 Feb 2015	Depart Time	959
A1	27 Feb 2015	Air Temp (C)	16
A1	27 Feb 2015	Weather	Cloudy
A1	27 Feb 2015	Visibility (mi)	9
A1	27 Feb 2015	Wind Speed (kts)	14
A1	27 Feb 2015	Wind Dir	SW
A1	27 Feb 2015	Water Color	Bluish-Green
A1	27 Feb 2015	Wave Ht Low (ft)	4
A1	27 Feb 2015	Wave Period (sec)	11
A1	27 Feb 2015	Sea State	Light chop
A1	27 Feb 2015	High Tide (ft)	4.63
A1	27 Feb 2015	High Tide Time	430
A1	27 Feb 2015	Low Tide (ft)	0.08
A1	27 Feb 2015	Low Tide Time	1204
A1	27 Feb 2015	Comments	Kelp
C4	02 Feb 2015	Depth (m)	9
C4	02 Feb 2015	Arrive Time	1111
C4	02 Feb 2015	Depart Time	1117

Station	Date	Parameter	Value
C4	02 Feb 2015	Air Temp (C)	16
C4	02 Feb 2015	Weather	Clear
C4	02 Feb 2015	Visibility (mi)	10
C4	02 Feb 2015	Wind Speed (kts)	5
C4	02 Feb 2015	Wind Dir	SW
C4	02 Feb 2015	Water Color	Green
C4	02 Feb 2015	Wave Ht Low (ft)	3
C4	02 Feb 2015	Wave Period (sec)	9
C4	02 Feb 2015	Sea State	Calm
C4	02 Feb 2015	High Tide (ft)	5.67
C4	02 Feb 2015	High Tide Time	746
C4	02 Feb 2015	Low Tide (ft)	-0.72
C4	02 Feb 2015	Low Tide Time	1446
C4	02 Feb 2015	Comments	Lobster floats; Boats; Kelp
C4	12 Feb 2015	Depth (m)	10
C4	12 Feb 2015	Arrive Time	955
C4	12 Feb 2015	Depart Time	1003
C4	12 Feb 2015	Air Temp (C)	18
C4	12 Feb 2015	Weather	Clear
C4	12 Feb 2015	Visibility (mi)	11
C4	12 Feb 2015	Wind Speed (kts)	4
C4	12 Feb 2015	Wind Dir	SE
C4	12 Feb 2015	Water Color	Green
C4	12 Feb 2015	Wave Ht Low (ft)	4
C4	12 Feb 2015	Wave Period (sec)	13
C4	12 Feb 2015	Sea State	Wind ripples
C4	12 Feb 2015	High Tide (ft)	2.57
C4	12 Feb 2015	High Tide Time	1635
C4	12 Feb 2015	Low Tide (ft)	1.08
C4	12 Feb 2015	Low Tide Time	1026
C4	12 Feb 2015	Comments	Lobster floats; Kelp
C4	18 Feb 2015	Depth (m)	11
C4	18 Feb 2015	Arrive Time	944
C4	18 Feb 2015	Depart Time	952
C4	18 Feb 2015	Air Temp (C)	16
C4	18 Feb 2015	Weather	Haze
C4	18 Feb 2015	Visibility (mi)	9
C4	18 Feb 2015	Wind Speed (kts)	5
C4	18 Feb 2015	Wind Dir	E
C4	18 Feb 2015	Water Color	Greenish-Blue
C4	18 Feb 2015	Wave Ht Low (ft)	4
C4	18 Feb 2015	Wave Period (sec)	13
C4	18 Feb 2015	Sea State	Calm
C4	18 Feb 2015	High Tide (ft)	6.36
C4	18 Feb 2015	High Tide Time	808
C4	18 Feb 2015	Low Tide (ft)	-1.46
C4	18 Feb 2015	Low Tide Time	1456

Station	Date	Parameter	Value
C4	18 Feb 2015	Comments	
C4	22 Feb 2015	Depth (m)	12
C4	22 Feb 2015	Arrive Time	946
C4	22 Feb 2015	Depart Time	954
C4	22 Feb 2015	Air Temp (C)	17
C4	22 Feb 2015	Weather	Overcast
C4	22 Feb 2015	Visibility (mi)	5
C4	22 Feb 2015	Wind Speed (kts)	9
C4	22 Feb 2015	Wind Dir	W
C4	22 Feb 2015	Water Color	Green
C4	22 Feb 2015	Wave Ht Low (ft)	3
C4	22 Feb 2015	Wave Period (sec)	13
C4	22 Feb 2015	Sea State	Light chop
C4	22 Feb 2015	High Tide (ft)	4.45
C4	22 Feb 2015	High Tide Time	1121
C4	22 Feb 2015	Low Tide (ft)	0.28
C4	22 Feb 2015	Low Tide Time	525
C4	22 Feb 2015	Comments	Kelp; Lobster floats
C4	27 Feb 2015	Depth (m)	11
C4	27 Feb 2015	Arrive Time	1153
C4	27 Feb 2015	Depart Time	1158
C4	27 Feb 2015	Air Temp (C)	16
C4	27 Feb 2015	Weather	Cloudy
C4	27 Feb 2015	Visibility (mi)	9
C4	27 Feb 2015	Wind Speed (kts)	12
C4	27 Feb 2015	Wind Dir	E
C4	27 Feb 2015	Water Color	Bluish-Green
C4	27 Feb 2015	Wave Ht Low (ft)	4
C4	27 Feb 2015	Wave Period (sec)	11
C4	27 Feb 2015	Sea State	Heavy chop
C4	27 Feb 2015	High Tide (ft)	4.63
C4	27 Feb 2015	High Tide Time	430
C4	27 Feb 2015	Low Tide (ft)	0.08
C4	27 Feb 2015	Low Tide Time	1204
C4	27 Feb 2015	Comments	Kelp
C5	02 Feb 2015	Depth (m)	9
C5	02 Feb 2015	Arrive Time	1054
C5	02 Feb 2015	Depart Time	1059
C5	02 Feb 2015	Air Temp (C)	16
C5	02 Feb 2015	Weather	Clear
C5	02 Feb 2015	Visibility (mi)	10
C5	02 Feb 2015	Wind Speed (kts)	6
C5	02 Feb 2015	Wind Dir	SW
C5	02 Feb 2015	Water Color	Green
C5	02 Feb 2015	Wave Ht Low (ft)	3
C5	02 Feb 2015	Wave Period (sec)	9

Station	Date	Parameter	Value
C5	02 Feb 2015	Sea State	Calm
C5	02 Feb 2015	High Tide (ft)	5.67
C5	02 Feb 2015	High Tide Time	746
C5	02 Feb 2015	Low Tide (ft)	-0.72
C5	02 Feb 2015	Low Tide Time	1446
C5	02 Feb 2015	Comments	Lobster floats; Kelp
C5	12 Feb 2015	Depth (m)	9
C5	12 Feb 2015	Arrive Time	940
C5	12 Feb 2015	Depart Time	946
C5	12 Feb 2015	Air Temp (C)	18
C5	12 Feb 2015	Weather	Clear
C5	12 Feb 2015	Visibility (mi)	11
C5	12 Feb 2015	Wind Speed (kts)	6
C5	12 Feb 2015	Wind Dir	N
C5	12 Feb 2015	Water Color	Green
C5	12 Feb 2015	Wave Ht Low (ft)	4
C5	12 Feb 2015	Wave Period (sec)	13
C5	12 Feb 2015	Sea State	Wind ripples
C5	12 Feb 2015	High Tide (ft)	2.57
C5	12 Feb 2015	High Tide Time	1635
C5	12 Feb 2015	Low Tide (ft)	1.08
C5	12 Feb 2015	Low Tide Time	1026
C5	12 Feb 2015	Comments	Lobster floats; Inshore buoy missing; Kelp debris
C5	18 Feb 2015	Depth (m)	12
C5	18 Feb 2015	Arrive Time	932
C5	18 Feb 2015	Depart Time	939
C5	18 Feb 2015	Air Temp (C)	16
C5	18 Feb 2015	Weather	Haze
C5	18 Feb 2015	Visibility (mi)	9
C5	18 Feb 2015	Wind Speed (kts)	6
C5	18 Feb 2015	Wind Dir	SE
C5	18 Feb 2015	Water Color	Greenish-Blue
C5	18 Feb 2015	Wave Ht Low (ft)	4
C5	18 Feb 2015	Wave Period (sec)	13
C5	18 Feb 2015	Sea State	Calm
C5	18 Feb 2015	High Tide (ft)	6.36
C5	18 Feb 2015	High Tide Time	808
C5	18 Feb 2015	Low Tide (ft)	-1.46
C5	18 Feb 2015	Low Tide Time	1456
C5	18 Feb 2015	Comments	
C5	22 Feb 2015	Depth (m)	11
C5	22 Feb 2015	Arrive Time	935
C5	22 Feb 2015	Depart Time	942
C5	22 Feb 2015	Air Temp (C)	16
C5	22 Feb 2015	Weather	Overcast

Station	Date	Parameter	Value
C5	22 Feb 2015	Visibility (mi)	5
C5	22 Feb 2015	Wind Speed (kts)	8
C5	22 Feb 2015	Wind Dir	E
C5	22 Feb 2015	Water Color	Green
C5	22 Feb 2015	Wave Ht Low (ft)	3
C5	22 Feb 2015	Wave Period (sec)	13
C5	22 Feb 2015	Sea State	Light chop
C5	22 Feb 2015	High Tide (ft)	4.45
C5	22 Feb 2015	High Tide Time	1121
C5	22 Feb 2015	Low Tide (ft)	0.28
C5	22 Feb 2015	Low Tide Time	525
C5	22 Feb 2015	Comments	Kelp; Lobster floats
C5	27 Feb 2015	Depth (m)	10
C5	27 Feb 2015	Arrive Time	1139
C5	27 Feb 2015	Depart Time	1145
C5	27 Feb 2015	Air Temp (C)	16
C5	27 Feb 2015	Weather	Cloudy
C5	27 Feb 2015	Visibility (mi)	9
C5	27 Feb 2015	Wind Speed (kts)	13
C5	27 Feb 2015	Wind Dir	S
C5	27 Feb 2015	Water Color	Bluish-Green
C5	27 Feb 2015	Wave Ht Low (ft)	4
C5	27 Feb 2015	Wave Period (sec)	11
C5	27 Feb 2015	Sea State	Heavy chop
C5	27 Feb 2015	High Tide (ft)	4.63
C5	27 Feb 2015	High Tide Time	430
C5	27 Feb 2015	Low Tide (ft)	0.08
C5	27 Feb 2015	Low Tide Time	1204
C5	27 Feb 2015	Comments	
A6	02 Feb 2015	Depth (m)	19
A6	02 Feb 2015	Arrive Time	843
A6	02 Feb 2015	Depart Time	851
A6	02 Feb 2015	Air Temp (C)	16
A6	02 Feb 2015	Weather	Clear
A6	02 Feb 2015	Visibility (mi)	10
A6	02 Feb 2015	Wind Speed (kts)	2
A6	02 Feb 2015	Wind Dir	E
A6	02 Feb 2015	Water Color	Green
A6	02 Feb 2015	Wave Ht Low (ft)	3
A6	02 Feb 2015	Wave Period (sec)	9
A6	02 Feb 2015	Sea State	Calm
A6	02 Feb 2015	High Tide (ft)	5.67
A6	02 Feb 2015	High Tide Time	746
A6	02 Feb 2015	Low Tide (ft)	-0.72
A6	02 Feb 2015	Low Tide Time	1446
A6	02 Feb 2015	Comments	Lobster floats

Station	Date	Parameter	Value
A6	12 Feb 2015	Depth (m)	15
A6	12 Feb 2015	Arrive Time	818
A6	12 Feb 2015	Depart Time	828
A6	12 Feb 2015	Air Temp (C)	21
A6	12 Feb 2015	Weather	Clear
A6	12 Feb 2015	Visibility (mi)	9
A6	12 Feb 2015	Wind Speed (kts)	2
A6	12 Feb 2015	Wind Dir	W
A6	12 Feb 2015	Water Color	Green
A6	12 Feb 2015	Wave Ht Low (ft)	4
A6	12 Feb 2015	Wave Period (sec)	13
A6	12 Feb 2015	Sea State	Wind ripples
A6	12 Feb 2015	High Tide (ft)	2.57
A6	12 Feb 2015	High Tide Time	1635
A6	12 Feb 2015	Low Tide (ft)	1.08
A6	12 Feb 2015	Low Tide Time	1026
A6	12 Feb 2015	Comments	Lobster floats; Kelp
A6	18 Feb 2015	Depth (m)	18
A6	18 Feb 2015	Arrive Time	825
A6	18 Feb 2015	Depart Time	834
A6	18 Feb 2015	Air Temp (C)	16
A6	18 Feb 2015	Weather	Haze
A6	18 Feb 2015	Visibility (mi)	7
A6	18 Feb 2015	Wind Speed (kts)	6
A6	18 Feb 2015	Wind Dir	NW
A6	18 Feb 2015	Water Color	Greenish-Blue
A6	18 Feb 2015	Wave Ht Low (ft)	4
A6	18 Feb 2015	Wave Period (sec)	13
A6	18 Feb 2015	Sea State	Calm
A6	18 Feb 2015	High Tide (ft)	6.36
A6	18 Feb 2015	High Tide Time	808
A6	18 Feb 2015	Low Tide (ft)	-1.46
A6	18 Feb 2015	Low Tide Time	1456
A6	18 Feb 2015	Comments	
A6	22 Feb 2015	Depth (m)	19
A6	22 Feb 2015	Arrive Time	828
A6	22 Feb 2015	Depart Time	836
A6	22 Feb 2015	Air Temp (C)	16
A6	22 Feb 2015	Weather	Overcast
A6	22 Feb 2015	Visibility (mi)	7
A6	22 Feb 2015	Wind Speed (kts)	7
A6	22 Feb 2015	Wind Dir	E
A6	22 Feb 2015	Water Color	Green
A6	22 Feb 2015	Wave Ht Low (ft)	3
A6	22 Feb 2015	Wave Period (sec)	13
A6	22 Feb 2015	Sea State	Calm
A6	22 Feb 2015	High Tide (ft)	4.45

Station	Date	Parameter	Value
A6	22 Feb 2015	High Tide Time	1121
A6	22 Feb 2015	Low Tide (ft)	0.28
A6	22 Feb 2015	Low Tide Time	525
A6	22 Feb 2015	Comments	Two whales on station; Kelp
A6	27 Feb 2015	Depth (m)	19
A6	27 Feb 2015	Arrive Time	1025
A6	27 Feb 2015	Depart Time	1033
A6	27 Feb 2015	Air Temp (C)	16
A6	27 Feb 2015	Weather	Cloudy
A6	27 Feb 2015	Visibility (mi)	9
A6	27 Feb 2015	Wind Speed (kts)	9
A6	27 Feb 2015	Wind Dir	S
A6	27 Feb 2015	Water Color	Bluish-Green
A6	27 Feb 2015	Wave Ht Low (ft)	4
A6	27 Feb 2015	Wave Period (sec)	11
A6	27 Feb 2015	Sea State	Light chop
A6	27 Feb 2015	High Tide (ft)	4.63
A6	27 Feb 2015	High Tide Time	430
A6	27 Feb 2015	Low Tide (ft)	0.08
A6	27 Feb 2015	Low Tide Time	1204
A6	27 Feb 2015	Comments	Kelp
C6	02 Feb 2015	Depth (m)	9
C6	02 Feb 2015	Arrive Time	1041
C6	02 Feb 2015	Depart Time	1046
C6	02 Feb 2015	Air Temp (C)	16
C6	02 Feb 2015	Weather	Clear
C6	02 Feb 2015	Visibility (mi)	10
C6	02 Feb 2015	Wind Speed (kts)	4
C6	02 Feb 2015	Wind Dir	SW
C6	02 Feb 2015	Water Color	Green
C6	02 Feb 2015	Wave Ht Low (ft)	3
C6	02 Feb 2015	Wave Period (sec)	9
C6	02 Feb 2015	Sea State	Calm
C6	02 Feb 2015	High Tide (ft)	5.67
C6	02 Feb 2015	High Tide Time	746
C6	02 Feb 2015	Low Tide (ft)	-0.72
C6	02 Feb 2015	Low Tide Time	1446
C6	02 Feb 2015	Comments	Lobster floats
C6	12 Feb 2015	Depth (m)	8
C6	12 Feb 2015	Arrive Time	922
C6	12 Feb 2015	Depart Time	933
C6	12 Feb 2015	Air Temp (C)	18
C6	12 Feb 2015	Weather	Clear
C6	12 Feb 2015	Visibility (mi)	11
C6	12 Feb 2015	Wind Speed (kts)	4
C6	12 Feb 2015	Wind Dir	S

Station	Date	Parameter	Value
C6	12 Feb 2015	Water Color	Green
C6	12 Feb 2015	Wave Ht Low (ft)	4
C6	12 Feb 2015	Wave Period (sec)	13
C6	12 Feb 2015	Sea State	Wind ripples
C6	12 Feb 2015	High Tide (ft)	2.57
C6	12 Feb 2015	High Tide Time	1635
C6	12 Feb 2015	Low Tide (ft)	1.08
C6	12 Feb 2015	Low Tide Time	1026
C6	12 Feb 2015	Comments	Lobster floats; Kelp
C6	18 Feb 2015	Depth (m)	11
C6	18 Feb 2015	Arrive Time	918
C6	18 Feb 2015	Depart Time	926
C6	18 Feb 2015	Air Temp (C)	16
C6	18 Feb 2015	Weather	Haze
C6	18 Feb 2015	Visibility (mi)	7
C6	18 Feb 2015	Wind Speed (kts)	6
C6	18 Feb 2015	Wind Dir	E
C6	18 Feb 2015	Water Color	Greenish-Blue
C6	18 Feb 2015	Wave Ht Low (ft)	4
C6	18 Feb 2015	Wave Period (sec)	13
C6	18 Feb 2015	Sea State	Calm
C6	18 Feb 2015	High Tide (ft)	6.36
C6	18 Feb 2015	High Tide Time	808
C6	18 Feb 2015	Low Tide (ft)	-1.46
C6	18 Feb 2015	Low Tide Time	1456
C6	18 Feb 2015	Comments	
C6	22 Feb 2015	Depth (m)	10
C6	22 Feb 2015	Arrive Time	922
C6	22 Feb 2015	Depart Time	923
C6	22 Feb 2015	Air Temp (C)	16
C6	22 Feb 2015	Weather	Overcast
C6	22 Feb 2015	Visibility (mi)	5
C6	22 Feb 2015	Wind Speed (kts)	6
C6	22 Feb 2015	Wind Dir	NE
C6	22 Feb 2015	Water Color	Green
C6	22 Feb 2015	Wave Ht Low (ft)	3
C6	22 Feb 2015	Wave Period (sec)	13
C6	22 Feb 2015	Sea State	Light chop
C6	22 Feb 2015	High Tide (ft)	4.45
C6	22 Feb 2015	High Tide Time	1121
C6	22 Feb 2015	Low Tide (ft)	0.28
C6	22 Feb 2015	Low Tide Time	525
C6	22 Feb 2015	Comments	Kelp
C6	27 Feb 2015	Depth (m)	9
C6	27 Feb 2015	Arrive Time	1123
C6	27 Feb 2015	Depart Time	1130

Station	Date	Parameter	Value
C6	27 Feb 2015	Air Temp (C)	16
C6	27 Feb 2015	Weather	Cloudy
C6	27 Feb 2015	Visibility (mi)	9
C6	27 Feb 2015	Wind Speed (kts)	13
C6	27 Feb 2015	Wind Dir	E
C6	27 Feb 2015	Water Color	Bluish-Green
C6	27 Feb 2015	Wave Ht Low (ft)	4
C6	27 Feb 2015	Wave Period (sec)	11
C6	27 Feb 2015	Sea State	Light chop
C6	27 Feb 2015	High Tide (ft)	4.63
C6	27 Feb 2015	High Tide Time	430
C6	27 Feb 2015	Low Tide (ft)	0.08
C6	27 Feb 2015	Low Tide Time	1204
C6	27 Feb 2015	Comments	Kelp
A7	02 Feb 2015	Depth (m)	19
A7	02 Feb 2015	Arrive Time	826
A7	02 Feb 2015	Depart Time	835
A7	02 Feb 2015	Air Temp (C)	16
A7	02 Feb 2015	Weather	Clear
A7	02 Feb 2015	Visibility (mi)	10
A7	02 Feb 2015	Wind Speed (kts)	1
A7	02 Feb 2015	Wind Dir	NW
A7	02 Feb 2015	Water Color	Green
A7	02 Feb 2015	Wave Ht Low (ft)	3
A7	02 Feb 2015	Wave Period (sec)	9
A7	02 Feb 2015	Sea State	Calm
A7	02 Feb 2015	High Tide (ft)	5.67
A7	02 Feb 2015	High Tide Time	746
A7	02 Feb 2015	Low Tide (ft)	-0.72
A7	02 Feb 2015	Low Tide Time	1446
A7	02 Feb 2015	Comments	Lobster floats; Kelp
A7	12 Feb 2015	Depth (m)	17
A7	12 Feb 2015	Arrive Time	802
A7	12 Feb 2015	Depart Time	810
A7	12 Feb 2015	Air Temp (C)	20
A7	12 Feb 2015	Weather	Clear
A7	12 Feb 2015	Visibility (mi)	9
A7	12 Feb 2015	Wind Speed (kts)	0
A7	12 Feb 2015	Wind Dir	
A7	12 Feb 2015	Water Color	Greenish-Blue
A7	12 Feb 2015	Wave Ht Low (ft)	4
A7	12 Feb 2015	Wave Period (sec)	13
A7	12 Feb 2015	Sea State	Wind ripples
A7	12 Feb 2015	High Tide (ft)	2.57
A7	12 Feb 2015	High Tide Time	1635
A7	12 Feb 2015	Low Tide (ft)	1.08
A7	12 Feb 2015	Low Tide Time	1026

Station	Date	Parameter	Value
A7	12 Feb 2015	Comments	Lobster floats; Kelp
A7	18 Feb 2015	Depth (m)	18
A7	18 Feb 2015	Arrive Time	808
A7	18 Feb 2015	Depart Time	816
A7	18 Feb 2015	Air Temp (C)	16
A7	18 Feb 2015	Weather	Fog
A7	18 Feb 2015	Visibility (mi)	5
A7	18 Feb 2015	Wind Speed (kts)	2
A7	18 Feb 2015	Wind Dir	E
A7	18 Feb 2015	Water Color	Greenish-Blue
A7	18 Feb 2015	Wave Ht Low (ft)	4
A7	18 Feb 2015	Wave Period (sec)	13
A7	18 Feb 2015	Sea State	Calm
A7	18 Feb 2015	High Tide (ft)	6.36
A7	18 Feb 2015	High Tide Time	808
A7	18 Feb 2015	Low Tide (ft)	-1.46
A7	18 Feb 2015	Low Tide Time	1456
A7	18 Feb 2015	Comments	
A7	22 Feb 2015	Depth (m)	19
A7	22 Feb 2015	Arrive Time	811
A7	22 Feb 2015	Depart Time	819
A7	22 Feb 2015	Air Temp (C)	16
A7	22 Feb 2015	Weather	Overcast
A7	22 Feb 2015	Visibility (mi)	4
A7	22 Feb 2015	Wind Speed (kts)	7
A7	22 Feb 2015	Wind Dir	NE
A7	22 Feb 2015	Water Color	Green
A7	22 Feb 2015	Wave Ht Low (ft)	3
A7	22 Feb 2015	Wave Period (sec)	13
A7	22 Feb 2015	Sea State	Calm
A7	22 Feb 2015	High Tide (ft)	4.45
A7	22 Feb 2015	High Tide Time	1121
A7	22 Feb 2015	Low Tide (ft)	0.28
A7	22 Feb 2015	Low Tide Time	525
A7	22 Feb 2015	Comments	Kelp; Lobster floats
A7	27 Feb 2015	Depth (m)	15
A7	27 Feb 2015	Arrive Time	1005
A7	27 Feb 2015	Depart Time	1017
A7	27 Feb 2015	Air Temp (C)	16
A7	27 Feb 2015	Weather	Cloudy
A7	27 Feb 2015	Visibility (mi)	9
A7	27 Feb 2015	Wind Speed (kts)	14
A7	27 Feb 2015	Wind Dir	E
A7	27 Feb 2015	Water Color	Bluish-Green
A7	27 Feb 2015	Wave Ht Low (ft)	4
A7	27 Feb 2015	Wave Period (sec)	11

Station	Date	Parameter	Value
A7	27 Feb 2015	Sea State	Light chop
A7	27 Feb 2015	High Tide (ft)	4.63
A7	27 Feb 2015	High Tide Time	430
A7	27 Feb 2015	Low Tide (ft)	0.08
A7	27 Feb 2015	Low Tide Time	1204
A7	27 Feb 2015	Comments	Kelp
C7	02 Feb 2015	Depth (m)	18
C7	02 Feb 2015	Arrive Time	904
C7	02 Feb 2015	Depart Time	910
C7	02 Feb 2015	Air Temp (C)	16
C7	02 Feb 2015	Weather	Clear
C7	02 Feb 2015	Visibility (mi)	10
C7	02 Feb 2015	Wind Speed (kts)	2
C7	02 Feb 2015	Wind Dir	S
C7	02 Feb 2015	Water Color	Green
C7	02 Feb 2015	Wave Ht Low (ft)	3
C7	02 Feb 2015	Wave Period (sec)	9
C7	02 Feb 2015	Sea State	Calm
C7	02 Feb 2015	High Tide (ft)	5.67
C7	02 Feb 2015	High Tide Time	746
C7	02 Feb 2015	Low Tide (ft)	-0.72
C7	02 Feb 2015	Low Tide Time	1446
C7	02 Feb 2015	Comments	Lobster floats; Kelp
C7	12 Feb 2015	Depth (m)	17
C7	12 Feb 2015	Arrive Time	837
C7	12 Feb 2015	Depart Time	850
C7	12 Feb 2015	Air Temp (C)	22
C7	12 Feb 2015	Weather	Clear
C7	12 Feb 2015	Visibility (mi)	9
C7	12 Feb 2015	Wind Speed (kts)	5
C7	12 Feb 2015	Wind Dir	E
C7	12 Feb 2015	Water Color	Green
C7	12 Feb 2015	Wave Ht Low (ft)	4
C7	12 Feb 2015	Wave Period (sec)	13
C7	12 Feb 2015	Sea State	Wind ripples
C7	12 Feb 2015	High Tide (ft)	2.57
C7	12 Feb 2015	High Tide Time	1635
C7	12 Feb 2015	Low Tide (ft)	1.08
C7	12 Feb 2015	Low Tide Time	1026
C7	12 Feb 2015	Comments	Lobster floats; Kelp
C7	18 Feb 2015	Depth (m)	19
C7	18 Feb 2015	Arrive Time	844
C7	18 Feb 2015	Depart Time	853
C7	18 Feb 2015	Air Temp (C)	16
C7	18 Feb 2015	Weather	Haze
C7	18 Feb 2015	Visibility (mi)	7

Station	Date	Parameter	Value
C7	18 Feb 2015	Wind Speed (kts)	3
C7	18 Feb 2015	Wind Dir	W
C7	18 Feb 2015	Water Color	Greenish-Blue
C7	18 Feb 2015	Wave Ht Low (ft)	4
C7	18 Feb 2015	Wave Period (sec)	13
C7	18 Feb 2015	Sea State	Calm
C7	18 Feb 2015	High Tide (ft)	6.36
C7	18 Feb 2015	High Tide Time	808
C7	18 Feb 2015	Low Tide (ft)	-1.46
C7	18 Feb 2015	Low Tide Time	1456
C7	18 Feb 2015	Comments	
C7	22 Feb 2015	Depth (m)	18
C7	22 Feb 2015	Arrive Time	845
C7	22 Feb 2015	Depart Time	855
C7	22 Feb 2015	Air Temp (C)	16
C7	22 Feb 2015	Weather	Overcast
C7	22 Feb 2015	Visibility (mi)	4
C7	22 Feb 2015	Wind Speed (kts)	6
C7	22 Feb 2015	Wind Dir	N
C7	22 Feb 2015	Water Color	Green
C7	22 Feb 2015	Wave Ht Low (ft)	3
C7	22 Feb 2015	Wave Period (sec)	13
C7	22 Feb 2015	Sea State	Light chop
C7	22 Feb 2015	High Tide (ft)	4.45
C7	22 Feb 2015	High Tide Time	1121
C7	22 Feb 2015	Low Tide (ft)	0.28
C7	22 Feb 2015	Low Tide Time	525
C7	22 Feb 2015	Comments	Kelp; Boat on station
C7	27 Feb 2015	Depth (m)	17
C7	27 Feb 2015	Arrive Time	1043
C7	27 Feb 2015	Depart Time	1054
C7	27 Feb 2015	Air Temp (C)	16
C7	27 Feb 2015	Weather	Cloudy
C7	27 Feb 2015	Visibility (mi)	9
C7	27 Feb 2015	Wind Speed (kts)	13
C7	27 Feb 2015	Wind Dir	S
C7	27 Feb 2015	Water Color	Bluish-Green
C7	27 Feb 2015	Wave Ht Low (ft)	4
C7	27 Feb 2015	Wave Period (sec)	11
C7	27 Feb 2015	Sea State	Light chop
C7	27 Feb 2015	High Tide (ft)	4.63
C7	27 Feb 2015	High Tide Time	430
C7	27 Feb 2015	Low Tide (ft)	0.08
C7	27 Feb 2015	Low Tide Time	1204
C7	27 Feb 2015	Comments	Kelp
C8	02 Feb 2015	Depth (m)	19

Station	Date	Parameter	Value
C8	02 Feb 2015	Arrive Time	920
C8	02 Feb 2015	Depart Time	926
C8	02 Feb 2015	Air Temp (C)	16
C8	02 Feb 2015	Weather	Clear
C8	02 Feb 2015	Visibility (mi)	10
C8	02 Feb 2015	Wind Speed (kts)	2
C8	02 Feb 2015	Wind Dir	NW
C8	02 Feb 2015	Water Color	Green
C8	02 Feb 2015	Wave Ht Low (ft)	3
C8	02 Feb 2015	Wave Period (sec)	9
C8	02 Feb 2015	Sea State	Calm
C8	02 Feb 2015	High Tide (ft)	5.67
C8	02 Feb 2015	High Tide Time	746
C8	02 Feb 2015	Low Tide (ft)	-0.72
C8	02 Feb 2015	Low Tide Time	1446
C8	02 Feb 2015	Comments	Lobster floats; Collected B8 after C8
C8	12 Feb 2015	Depth (m)	18
C8	12 Feb 2015	Arrive Time	858
C8	12 Feb 2015	Depart Time	908
C8	12 Feb 2015	Air Temp (C)	20
C8	12 Feb 2015	Weather	Clear
C8	12 Feb 2015	Visibility (mi)	9
C8	12 Feb 2015	Wind Speed (kts)	6
C8	12 Feb 2015	Wind Dir	SE
C8	12 Feb 2015	Water Color	Green
C8	12 Feb 2015	Wave Ht Low (ft)	4
C8	12 Feb 2015	Wave Period (sec)	13
C8	12 Feb 2015	Sea State	Wind ripples
C8	12 Feb 2015	High Tide (ft)	2.57
C8	12 Feb 2015	High Tide Time	1635
C8	12 Feb 2015	Low Tide (ft)	1.08
C8	12 Feb 2015	Low Tide Time	1026
C8	12 Feb 2015	Comments	Lobster floats; Kelp debris
C8	18 Feb 2015	Depth (m)	20
C8	18 Feb 2015	Arrive Time	859
C8	18 Feb 2015	Depart Time	906
C8	18 Feb 2015	Air Temp (C)	16
C8	18 Feb 2015	Weather	Haze
C8	18 Feb 2015	Visibility (mi)	7
C8	18 Feb 2015	Wind Speed (kts)	3
C8	18 Feb 2015	Wind Dir	SW
C8	18 Feb 2015	Water Color	Greenish-Blue
C8	18 Feb 2015	Wave Ht Low (ft)	4
C8	18 Feb 2015	Wave Period (sec)	13
C8	18 Feb 2015	Sea State	Calm
C8	18 Feb 2015	High Tide (ft)	6.36
C8	18 Feb 2015	High Tide Time	808

Station	Date	Parameter	Value
C8	18 Feb 2015	Low Tide (ft)	-1.46
C8	18 Feb 2015	Low Tide Time	1456
C8	18 Feb 2015	Comments	
C8	22 Feb 2015	Depth (m)	20
C8	22 Feb 2015	Arrive Time	903
C8	22 Feb 2015	Depart Time	911
C8	22 Feb 2015	Air Temp (C)	16
C8	22 Feb 2015	Weather	Overcast
C8	22 Feb 2015	Visibility (mi)	5
C8	22 Feb 2015	Wind Speed (kts)	6
C8	22 Feb 2015	Wind Dir	SW
C8	22 Feb 2015	Water Color	Green
C8	22 Feb 2015	Wave Ht Low (ft)	3
C8	22 Feb 2015	Wave Period (sec)	13
C8	22 Feb 2015	Sea State	Light chop
C8	22 Feb 2015	High Tide (ft)	4.45
C8	22 Feb 2015	High Tide Time	1121
C8	22 Feb 2015	Low Tide (ft)	0.28
C8	22 Feb 2015	Low Tide Time	525
C8	22 Feb 2015	Comments	Kelp
C8	27 Feb 2015	Depth (m)	19
C8	27 Feb 2015	Arrive Time	1102
C8	27 Feb 2015	Depart Time	1108
C8	27 Feb 2015	Air Temp (C)	16
C8	27 Feb 2015	Weather	Cloudy
C8	27 Feb 2015	Visibility (mi)	9
C8	27 Feb 2015	Wind Speed (kts)	14
C8	27 Feb 2015	Wind Dir	E
C8	27 Feb 2015	Water Color	Bluish-Green
C8	27 Feb 2015	Wave Ht Low (ft)	4
C8	27 Feb 2015	Wave Period (sec)	11
C8	27 Feb 2015	Sea State	Light chop
C8	27 Feb 2015	High Tide (ft)	4.63
C8	27 Feb 2015	High Tide Time	430
C8	27 Feb 2015	Low Tide (ft)	0.08
C8	27 Feb 2015	Low Tide Time	1204
C8	27 Feb 2015	Comments	Kelp debris

**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	02 Feb 2015	1	16.23	89.06	7.7	33.40	8.2	24.5	1.16
A1	02 Feb 2015	2	16.23	89.00	7.7	33.40	8.2	24.5	1.30
A1	02 Feb 2015	3	16.23	88.71	7.7	33.40	8.2	24.5	1.49
A1	02 Feb 2015	4	16.22	88.07	7.7	33.39	8.2	24.5	1.59
A1	02 Feb 2015	5	16.22	88.04	7.7	33.40	8.2	24.5	1.54
A1	02 Feb 2015	6	16.22	88.02	7.6	33.40	8.2	24.5	1.51
A1	02 Feb 2015	7	16.19	87.64	7.6	33.40	8.2	24.5	1.49
A1	02 Feb 2015	8	16.19	88.38	7.6	33.39	8.2	24.5	1.54
A1	02 Feb 2015	9	16.17	88.55	7.6	33.39	8.2	24.5	1.52
A1	02 Feb 2015	10	16.03	85.94	7.4	33.38	8.2	24.5	1.36
A1	02 Feb 2015	11	15.75	86.52	7.2	33.36	8.2	24.5	1.18
A1	02 Feb 2015	12	15.50	87.88	7.3	33.36	8.2	24.6	1.07
A1	02 Feb 2015	13	15.34	88.55	7.2	33.36	8.1	24.6	1.01
A1	02 Feb 2015	14	15.11	88.58	7.2	33.34	8.1	24.7	0.99
A1	02 Feb 2015	15	14.80	88.59	7.2	33.32	8.1	24.7	0.98
A1	02 Feb 2015	16	14.52	88.63	7.1	33.31	8.1	24.8	0.95
A1	02 Feb 2015	17	14.10	88.93	7.0	33.29	8.1	24.8	0.89
A1	02 Feb 2015	18	13.80	89.32	7.0	33.30	8.1	24.9	0.82
A1	02 Feb 2015	19	13.70	89.55	6.9	33.30	8.1	24.9	0.77
A1	12 Feb 2015	1	16.26	83.44	6.7	33.24	8.2	24.3	0.66
A1	12 Feb 2015	2	16.26	83.62	7.3	33.30	8.2	24.4	1.42
A1	12 Feb 2015	3	16.25	83.31	7.4	33.33	8.2	24.4	2.03
A1	12 Feb 2015	4	16.25	82.60	7.4	33.34	8.2	24.4	2.07
A1	12 Feb 2015	5	16.25	82.65	7.5	33.34	8.2	24.4	2.02
A1	12 Feb 2015	6	16.24	82.82	7.6	33.35	8.2	24.4	2.00
A1	12 Feb 2015	7	16.24	82.70	7.7	33.35	8.2	24.4	1.93
A1	12 Feb 2015	8	16.23	82.01	7.7	33.35	8.2	24.4	1.98
A1	12 Feb 2015	9	16.07	81.47	7.7	33.35	8.2	24.5	2.08
A1	12 Feb 2015	10	15.69	81.37	7.5	33.34	8.2	24.5	2.09
A1	12 Feb 2015	11	14.92	81.31	7.1	33.34	8.2	24.7	1.93
A1	12 Feb 2015	12	14.45	81.51	6.9	33.34	8.1	24.8	1.71
A1	12 Feb 2015	13	13.86	81.42	6.7	33.34	8.1	24.9	1.49
A1	12 Feb 2015	14	13.36	81.09	6.5	33.35	8.1	25.0	1.27
A1	12 Feb 2015	15	13.11	80.82	6.4	33.35	8.0	25.1	1.00
A1	12 Feb 2015	16	13.03	80.64	6.2	33.34	8.0	25.1	0.82
A1	12 Feb 2015	17	12.95	80.64	6.2	33.34	8.0	25.1	0.75
A1	12 Feb 2015	18	12.92	80.63	6.1	33.34	8.0	25.1	0.71
A1	18 Feb 2015	1	16.81	90.06	8.0	33.36	8.2	24.3	0.61
A1	18 Feb 2015	2	16.78	90.07	8.0	33.36	8.2	24.3	0.63
A1	18 Feb 2015	3	16.75	90.24	8.1	33.36	8.2	24.3	0.64
A1	18 Feb 2015	4	16.74	90.29	8.1	33.36	8.2	24.3	0.66
A1	18 Feb 2015	5	16.69	90.44	8.0	33.35	8.2	24.3	0.72
A1	18 Feb 2015	6	16.64	90.39	8.1	33.36	8.2	24.3	0.81
A1	18 Feb 2015	7	16.63	90.14	8.1	33.36	8.2	24.3	0.84
A1	18 Feb 2015	8	16.64	90.14	8.1	33.36	8.2	24.3	0.86
A1	18 Feb 2015	9	16.65	90.19	8.1	33.36	8.2	24.3	0.85
A1	18 Feb 2015	10	16.66	90.27	8.0	33.36	8.2	24.3	0.86
A1	18 Feb 2015	11	16.62	90.34	8.0	33.35	8.2	24.3	0.89
A1	18 Feb 2015	12	16.55	90.32	8.0	33.35	8.2	24.4	0.94
A1	18 Feb 2015	13	16.42	90.08	7.9	33.35	8.2	24.4	1.08
A1	18 Feb 2015	14	16.17	89.72	7.9	33.34	8.2	24.4	1.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A1	18 Feb 2015	15	16.01	89.84	7.7	33.33	8.2	24.5	1.26
A1	18 Feb 2015	16	14.62	89.79	7.6	33.29	8.2	24.7	1.70
A1	18 Feb 2015	17	13.89	88.69	7.4	33.28	8.1	24.9	1.88
A1	18 Feb 2015	18	13.57	87.30	7.3	33.27	8.1	24.9	1.70
A1	22 Feb 2015	1	17.13	91.56	7.8	33.37	8.2	24.2	0.47
A1	22 Feb 2015	2	17.14	91.75	7.8	33.37	8.2	24.2	0.48
A1	22 Feb 2015	3	17.13	91.76	7.8	33.37	8.2	24.2	0.49
A1	22 Feb 2015	4	17.09	91.76	7.7	33.36	8.2	24.2	0.51
A1	22 Feb 2015	5	16.98	91.82	7.7	33.35	8.2	24.3	0.56
A1	22 Feb 2015	6	16.54	91.79	7.7	33.33	8.1	24.3	0.67
A1	22 Feb 2015	7	15.82	91.58	7.8	33.31	8.1	24.5	0.87
A1	22 Feb 2015	8	15.50	91.47	7.7	33.30	8.1	24.6	0.99
A1	22 Feb 2015	9	15.18	91.10	7.7	33.29	8.1	24.6	1.14
A1	22 Feb 2015	10	14.94	90.86	7.7	33.28	8.1	24.7	1.27
A1	22 Feb 2015	11	14.78	90.54	7.8	33.28	8.1	24.7	1.41
A1	22 Feb 2015	12	14.69	90.33	7.7	33.28	8.1	24.7	1.48
A1	22 Feb 2015	13	14.66	90.25	7.7	33.28	8.1	24.7	1.48
A1	22 Feb 2015	14	14.65	90.14	7.7	33.28	8.1	24.7	1.44
A1	22 Feb 2015	15	14.64	90.12	7.7	33.28	8.1	24.7	1.45
A1	22 Feb 2015	16	14.64	90.11	7.6	33.29	8.1	24.7	1.46
A1	22 Feb 2015	17	14.64	90.04	7.6	33.29	8.1	24.7	1.47
A1	22 Feb 2015	18	14.64	89.53	7.6	33.29	8.1	24.7	1.46
A1	22 Feb 2015	19	14.65	89.73	7.7	33.29	8.1	24.7	1.45
A1	27 Feb 2015	1	16.96	87.98	7.9	33.38	8.2	24.3	0.72
A1	27 Feb 2015	2	16.94	88.38	7.8	33.38	8.2	24.3	0.79
A1	27 Feb 2015	3	16.94	89.13	7.8	33.38	8.2	24.3	0.84
A1	27 Feb 2015	4	16.94	89.53	7.8	33.38	8.2	24.3	0.84
A1	27 Feb 2015	5	16.94	89.72	7.8	33.38	8.2	24.3	0.85
A1	27 Feb 2015	6	16.94	90.02	7.8	33.38	8.2	24.3	0.85
A1	27 Feb 2015	7	16.94	90.66	7.8	33.38	8.2	24.3	0.84
A1	27 Feb 2015	8	16.93	90.86	7.8	33.38	8.2	24.3	0.86
A1	27 Feb 2015	9	16.93	91.02	7.8	33.38	8.2	24.3	0.86
A1	27 Feb 2015	10	16.91	91.15	7.8	33.38	8.2	24.3	0.86
A1	27 Feb 2015	11	16.88	91.35	7.8	33.38	8.2	24.3	0.86
A1	27 Feb 2015	12	16.75	91.42	7.7	33.36	8.2	24.3	0.88
A1	27 Feb 2015	13	16.54	91.48	7.7	33.34	8.2	24.4	0.96
A1	27 Feb 2015	14	16.19	91.42	7.6	33.34	8.2	24.4	0.91
A1	27 Feb 2015	15	15.89	91.27	7.4	33.33	8.2	24.5	0.86
A1	27 Feb 2015	16	15.52	91.36	7.3	33.31	8.2	24.6	0.74
A1	27 Feb 2015	17	15.17	91.71	7.2	33.31	8.1	24.6	0.65
A1	27 Feb 2015	18	14.79	91.47	7.0	33.31	8.1	24.7	0.61
C4	02 Feb 2015	1	16.63	81.86	7.2	33.42	8.2	24.4	0.55
C4	02 Feb 2015	2	16.60	82.17	7.2	33.42	8.2	24.4	0.58
C4	02 Feb 2015	3	16.51	82.44	7.3	33.42	8.2	24.4	0.65
C4	02 Feb 2015	4	16.50	82.94	7.3	33.42	8.2	24.4	0.72
C4	02 Feb 2015	5	16.49	83.32	7.3	33.42	8.2	24.4	0.75
C4	02 Feb 2015	6	16.49	83.60	7.3	33.42	8.2	24.4	0.77
C4	02 Feb 2015	7	16.48	83.75	7.3	33.42	8.2	24.4	0.78
C4	02 Feb 2015	8	16.49	83.96	7.3	33.42	8.2	24.4	0.76
C4	02 Feb 2015	9	16.48	84.01	7.3	33.42	8.2	24.4	0.75
C4	02 Feb 2015	10	16.48	83.76	7.3	33.42	8.2	24.4	0.72
C4	12 Feb 2015	1	16.39	79.34	8.0	33.36	8.2	24.4	1.18
C4	12 Feb 2015	2	16.32	79.41	8.1	33.36	8.2	24.4	1.30

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
C4	12 Feb 2015	3	16.18	79.38	8.1	33.36	8.2	24.4	1.59
C4	12 Feb 2015	4	16.15	79.13	8.0	33.36	8.2	24.4	1.83
C4	12 Feb 2015	5	16.14	78.51	7.9	33.35	8.2	24.5	2.00
C4	12 Feb 2015	6	16.13	78.31	7.8	33.35	8.2	24.5	2.04
C4	12 Feb 2015	7	16.09	78.34	7.6	33.35	8.2	24.5	1.82
C4	12 Feb 2015	8	15.84	78.40	7.2	33.35	8.2	24.5	1.29
C4	12 Feb 2015	9	15.62	79.01	6.8	33.34	8.2	24.6	0.88
C4	12 Feb 2015	10	15.55	81.55	6.7	33.34	8.1	24.6	0.68
C4	12 Feb 2015	11	15.53	84.15	6.7	33.34	8.1	24.6	0.65
C4	18 Feb 2015	1	17.50	87.08	8.2	33.39	8.3	24.2	0.42
C4	18 Feb 2015	2	17.45	87.20	8.1	33.38	8.3	24.2	0.44
C4	18 Feb 2015	3	17.30	87.29	8.1	33.38	8.3	24.2	0.50
C4	18 Feb 2015	4	17.16	87.43	8.0	33.37	8.3	24.2	0.61
C4	18 Feb 2015	5	16.77	87.68	7.7	33.35	8.2	24.3	0.71
C4	18 Feb 2015	6	16.24	87.98	7.3	33.33	8.2	24.4	0.68
C4	18 Feb 2015	7	15.86	88.39	6.9	33.33	8.2	24.5	0.62
C4	18 Feb 2015	8	15.74	88.91	6.7	33.33	8.1	24.5	0.51
C4	18 Feb 2015	9	15.73	89.33	6.6	33.33	8.1	24.5	0.46
C4	18 Feb 2015	10	15.71	89.44	6.6	33.33	8.1	24.5	0.41
C4	18 Feb 2015	11	15.67	89.17	6.6	33.33	8.1	24.5	0.39
C4	18 Feb 2015	12	15.66	88.84	6.6	33.34	8.1	24.5	0.38
C4	22 Feb 2015	1	17.16	90.45	8.0	33.38	8.2	24.2	0.38
C4	22 Feb 2015	2	17.16	91.18	8.0	33.38	8.2	24.2	0.40
C4	22 Feb 2015	3	17.15	91.42	8.0	33.37	8.2	24.2	0.42
C4	22 Feb 2015	4	17.15	91.39	8.0	33.38	8.2	24.2	0.43
C4	22 Feb 2015	5	17.15	91.41	8.0	33.37	8.2	24.2	0.45
C4	22 Feb 2015	6	17.15	91.40	8.0	33.37	8.2	24.2	0.46
C4	22 Feb 2015	7	17.15	91.46	8.0	33.37	8.2	24.2	0.49
C4	22 Feb 2015	8	17.14	91.42	8.0	33.37	8.2	24.2	0.50
C4	22 Feb 2015	9	17.14	91.41	8.0	33.37	8.2	24.2	0.51
C4	22 Feb 2015	10	17.14	91.43	8.0	33.37	8.2	24.2	0.53
C4	22 Feb 2015	11	17.15	91.54	8.0	33.37	8.2	24.2	0.48
C4	22 Feb 2015	12	17.15	91.61	8.0	33.38	8.2	24.2	0.45
C4	27 Feb 2015	1	16.93	85.86	7.7	33.38	8.2	24.3	0.64
C4	27 Feb 2015	2	16.93	86.55	7.7	33.38	8.2	24.3	0.61
C4	27 Feb 2015	3	16.92	88.17	7.8	33.38	8.2	24.3	0.67
C4	27 Feb 2015	4	16.91	88.64	7.8	33.38	8.2	24.3	0.69
C4	27 Feb 2015	5	16.88	88.51	7.8	33.38	8.2	24.3	0.72
C4	27 Feb 2015	6	16.88	88.30	7.8	33.38	8.2	24.3	0.70
C4	27 Feb 2015	7	16.86	88.25	7.8	33.38	8.2	24.3	0.69
C4	27 Feb 2015	8	16.83	88.11	7.8	33.38	8.2	24.3	0.66
C4	27 Feb 2015	9	16.80	87.76	7.8	33.37	8.2	24.3	0.64
C4	27 Feb 2015	10	16.78	87.37	7.7	33.38	8.2	24.3	0.58
C4	27 Feb 2015	11	16.79	87.38	7.7	33.38	8.2	24.3	0.58
C5	02 Feb 2015	1	16.95	84.40	6.8	33.23	8.2	24.2	0.69
C5	02 Feb 2015	2	16.80	84.29	7.0	33.45	8.2	24.4	0.54
C5	02 Feb 2015	3	16.64	83.47	7.0	33.47	8.2	24.4	0.53
C5	02 Feb 2015	4	16.59	81.49	6.9	33.45	8.2	24.4	0.57
C5	02 Feb 2015	5	16.56	79.52	7.0	33.43	8.2	24.4	0.57
C5	02 Feb 2015	6	16.54	78.12	7.0	33.42	8.2	24.4	0.62
C5	02 Feb 2015	7	16.52	77.64	7.0	33.42	8.2	24.4	0.70
C5	02 Feb 2015	8	16.47	77.58	6.8	33.43	8.1	24.4	0.78
C5	02 Feb 2015	9	16.43	74.75	6.6	33.42	8.1	24.4	0.87

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
C5	02 Feb 2015	10	16.42	58.17	6.5	33.42	8.1	24.4	0.88
C5	12 Feb 2015	1	16.33	72.03	7.8	33.36	8.2	24.4	0.83
C5	12 Feb 2015	2	16.31	72.49	7.8	33.36	8.2	24.4	0.82
C5	12 Feb 2015	3	16.30	73.07	7.8	33.36	8.2	24.4	0.87
C5	12 Feb 2015	4	16.21	73.26	7.8	33.36	8.2	24.4	0.98
C5	12 Feb 2015	5	16.12	73.35	7.8	33.36	8.2	24.5	1.19
C5	12 Feb 2015	6	16.09	73.39	7.6	33.36	8.2	24.5	1.28
C5	12 Feb 2015	7	16.01	73.05	7.3	33.34	8.2	24.5	1.03
C5	12 Feb 2015	8	15.60	73.30	6.9	33.34	8.2	24.6	0.79
C5	12 Feb 2015	9	15.53	74.80	6.7	33.35	8.1	24.6	0.62
C5	12 Feb 2015	10	15.54	75.78	6.7	33.34	8.1	24.6	0.62
C5	18 Feb 2015	1	17.49	87.07	8.1	33.39	8.3	24.2	0.41
C5	18 Feb 2015	2	17.44	87.12	8.2	33.38	8.3	24.2	0.43
C5	18 Feb 2015	3	17.37	87.21	8.1	33.38	8.3	24.2	0.47
C5	18 Feb 2015	4	17.24	87.37	8.1	33.38	8.3	24.2	0.54
C5	18 Feb 2015	5	16.95	87.60	7.8	33.36	8.3	24.3	0.57
C5	18 Feb 2015	6	16.58	88.23	7.5	33.35	8.2	24.3	0.57
C5	18 Feb 2015	7	16.33	89.19	7.4	33.34	8.2	24.4	0.56
C5	18 Feb 2015	8	16.05	89.35	7.3	33.34	8.2	24.5	0.57
C5	18 Feb 2015	9	15.83	89.16	7.3	33.33	8.2	24.5	0.64
C5	18 Feb 2015	10	15.55	88.90	7.3	33.32	8.2	24.6	0.70
C5	18 Feb 2015	11	15.12	89.02	7.4	33.30	8.2	24.6	0.69
C5	22 Feb 2015	1	17.18	90.86	7.9	33.37	8.2	24.2	0.47
C5	22 Feb 2015	2	17.18	91.62	7.8	33.37	8.2	24.2	0.48
C5	22 Feb 2015	3	17.17	91.62	7.8	33.37	8.2	24.2	0.51
C5	22 Feb 2015	4	17.17	91.70	7.8	33.37	8.2	24.2	0.52
C5	22 Feb 2015	5	17.17	91.71	7.8	33.37	8.2	24.2	0.53
C5	22 Feb 2015	6	17.17	91.69	7.8	33.37	8.2	24.2	0.53
C5	22 Feb 2015	7	17.17	91.75	7.9	33.37	8.2	24.2	0.53
C5	22 Feb 2015	8	17.06	91.77	7.8	33.36	8.2	24.2	0.49
C5	22 Feb 2015	9	16.73	91.77	7.8	33.35	8.2	24.3	0.45
C5	22 Feb 2015	10	16.62	90.91	7.8	33.35	8.2	24.3	0.41
C5	22 Feb 2015	11	16.62	90.64	7.9	33.35	8.2	24.3	0.37
C5	27 Feb 2015	1	17.23	82.99	7.8	33.40	8.2	24.2	0.61
C5	27 Feb 2015	2	17.23	82.99	7.8	33.40	8.2	24.2	0.63
C5	27 Feb 2015	3	17.23	82.96	7.8	33.40	8.2	24.2	0.64
C5	27 Feb 2015	4	17.21	83.12	7.8	33.40	8.2	24.2	0.63
C5	27 Feb 2015	5	17.16	83.27	7.8	33.40	8.2	24.2	0.63
C5	27 Feb 2015	6	17.14	83.48	7.9	33.39	8.2	24.2	0.63
C5	27 Feb 2015	7	17.10	83.56	8.0	33.39	8.2	24.3	0.63
C5	27 Feb 2015	8	17.06	83.45	7.9	33.39	8.2	24.3	0.63
C5	27 Feb 2015	9	17.02	83.55	8.0	33.39	8.2	24.3	0.62
A6	02 Feb 2015	1	16.41	86.47	7.7	33.40	8.2	24.4	0.95
A6	02 Feb 2015	2	16.40	86.55	7.7	33.40	8.2	24.4	1.00
A6	02 Feb 2015	3	16.39	86.38	7.7	33.41	8.2	24.4	1.14
A6	02 Feb 2015	4	16.39	85.31	7.7	33.41	8.2	24.4	1.20
A6	02 Feb 2015	5	16.39	86.60	7.7	33.41	8.2	24.4	1.26
A6	02 Feb 2015	6	16.38	86.58	7.6	33.40	8.2	24.4	1.27
A6	02 Feb 2015	7	16.37	86.61	7.6	33.40	8.2	24.4	1.26
A6	02 Feb 2015	8	16.37	86.59	7.6	33.40	8.2	24.4	1.25
A6	02 Feb 2015	9	16.36	86.55	7.6	33.40	8.2	24.4	1.23
A6	02 Feb 2015	10	16.35	86.64	7.5	33.40	8.2	24.4	1.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
A6	02 Feb 2015	11	16.35	86.61	7.5	33.40	8.2	24.4	1.25
A6	02 Feb 2015	12	16.30	86.67	7.5	33.40	8.2	24.4	1.23
A6	02 Feb 2015	13	16.21	86.69	7.4	33.39	8.2	24.5	1.20
A6	02 Feb 2015	14	16.09	87.03	7.3	33.39	8.2	24.5	1.13
A6	02 Feb 2015	15	15.98	87.42	7.2	33.38	8.2	24.5	1.08
A6	02 Feb 2015	16	15.89	87.73	7.1	33.38	8.2	24.5	0.99
A6	02 Feb 2015	17	15.68	88.06	7.0	33.37	8.2	24.6	0.89
A6	02 Feb 2015	18	15.49	87.98	6.9	33.36	8.2	24.6	0.80
A6	02 Feb 2015	19	15.23	87.65	6.8	33.37	8.2	24.7	0.72
A6	02 Feb 2015	20	15.19	87.25	6.8	33.37	8.1	24.7	0.69
A6	02 Feb 2015	21	15.19	87.09	6.8	33.37	8.1	24.7	0.70
A6	12 Feb 2015	1	16.41	79.62	8.2	33.35	8.2	24.4	2.09
A6	12 Feb 2015	2	16.41	79.63	8.1	33.35	8.2	24.4	2.11
A6	12 Feb 2015	3	16.40	79.54	8.0	33.35	8.2	24.4	2.25
A6	12 Feb 2015	4	16.40	79.79	8.0	33.35	8.2	24.4	2.37
A6	12 Feb 2015	5	16.39	80.50	8.0	33.35	8.2	24.4	2.40
A6	12 Feb 2015	6	16.39	80.76	7.9	33.35	8.2	24.4	2.41
A6	12 Feb 2015	7	16.31	80.55	7.8	33.35	8.2	24.4	2.42
A6	12 Feb 2015	8	16.19	79.47	7.8	33.35	8.2	24.4	2.36
A6	12 Feb 2015	9	16.05	79.32	7.7	33.35	8.2	24.5	2.20
A6	12 Feb 2015	10	15.87	79.00	7.6	33.34	8.2	24.5	1.98
A6	12 Feb 2015	11	15.67	79.69	7.4	33.35	8.2	24.5	1.74
A6	12 Feb 2015	12	15.47	80.64	7.2	33.34	8.2	24.6	1.50
A6	12 Feb 2015	13	15.14	81.20	6.9	33.34	8.2	24.6	1.29
A6	12 Feb 2015	14	14.44	81.91	6.7	33.33	8.1	24.8	1.08
A6	12 Feb 2015	15	13.79	82.23	6.4	33.33	8.1	24.9	0.89
A6	12 Feb 2015	16	13.03	82.17	6.2	33.33	8.1	25.1	0.71
A6	12 Feb 2015	17	12.98	79.47	6.2	33.33	8.0	25.1	0.63
A6	12 Feb 2015	18	13.45	78.13	6.2	33.32	8.0	25.0	0.70
A6	18 Feb 2015	1	17.23	88.94	8.1	33.38	8.2	24.2	0.64
A6	18 Feb 2015	2	17.17	88.97	8.1	33.37	8.2	24.2	0.69
A6	18 Feb 2015	3	17.13	89.22	8.0	33.37	8.2	24.2	0.76
A6	18 Feb 2015	4	17.03	89.42	8.0	33.37	8.2	24.3	0.89
A6	18 Feb 2015	5	17.02	89.46	8.0	33.37	8.2	24.3	0.96
A6	18 Feb 2015	6	16.96	89.50	8.0	33.36	8.2	24.3	1.04
A6	18 Feb 2015	7	16.83	89.45	7.9	33.36	8.2	24.3	1.10
A6	18 Feb 2015	8	16.75	89.38	7.9	33.36	8.2	24.3	1.16
A6	18 Feb 2015	9	16.59	89.34	8.0	33.35	8.2	24.3	1.22
A6	18 Feb 2015	10	16.58	89.23	8.0	33.35	8.2	24.3	1.21
A6	18 Feb 2015	11	16.52	89.17	7.9	33.35	8.2	24.4	1.22
A6	18 Feb 2015	12	16.42	89.06	7.9	33.35	8.2	24.4	1.29
A6	18 Feb 2015	13	16.32	89.12	7.9	33.34	8.2	24.4	1.31
A6	18 Feb 2015	14	16.23	89.10	7.9	33.34	8.2	24.4	1.37
A6	18 Feb 2015	15	16.17	89.05	7.9	33.34	8.2	24.4	1.38
A6	18 Feb 2015	16	16.11	89.03	7.9	33.34	8.2	24.4	1.39
A6	18 Feb 2015	17	15.94	89.08	7.8	33.33	8.2	24.5	1.40
A6	18 Feb 2015	18	15.81	89.02	7.7	33.33	8.2	24.5	1.35
A6	18 Feb 2015	19	15.64	89.09	7.7	33.33	8.2	24.5	1.36
A6	18 Feb 2015	20	15.46	89.16	7.6	33.31	8.2	24.6	1.30
A6	18 Feb 2015	21	15.26	89.29	7.6	33.32	8.2	24.6	1.25
A6	22 Feb 2015	1	17.20	91.65	7.8	33.37	8.2	24.2	0.45
A6	22 Feb 2015	2	17.20	91.68	7.8	33.37	8.2	24.2	0.45
A6	22 Feb 2015	3	17.20	91.71	7.8	33.37	8.2	24.2	0.48
A6	22 Feb 2015	4	17.20	91.62	7.9	33.37	8.2	24.2	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
A6	22 Feb 2015	5	17.20	91.84	7.9	33.37	8.2	24.2	0.51
A6	22 Feb 2015	6	17.19	91.84	7.8	33.37	8.2	24.2	0.51
A6	22 Feb 2015	7	17.16	91.61	7.8	33.37	8.2	24.2	5.73
A6	22 Feb 2015	8	17.15	91.12	7.7	33.37	8.2	24.2	1.86
A6	22 Feb 2015	9	16.85	90.55	7.6	33.35	8.2	24.3	1.05
A6	22 Feb 2015	10	16.64	90.98	7.7	33.35	8.2	24.3	0.81
A6	22 Feb 2015	11	16.56	84.63	7.7	33.35	8.2	24.3	0.58
A6	22 Feb 2015	12	16.51	91.50	7.6	33.35	8.2	24.4	0.59
A6	22 Feb 2015	13	16.41	91.39	7.7	33.34	8.2	24.4	0.62
A6	22 Feb 2015	14	16.26	90.33	7.7	33.34	8.1	24.4	0.67
A6	22 Feb 2015	15	16.07	89.39	7.6	33.33	8.1	24.4	0.67
A6	22 Feb 2015	16	15.57	90.42	7.5	33.32	8.1	24.5	0.71
A6	22 Feb 2015	17	15.36	90.77	7.4	33.31	8.1	24.6	0.74
A6	22 Feb 2015	18	15.29	90.85	7.5	33.31	8.1	24.6	0.75
A6	27 Feb 2015	1	17.21	86.93	8.1	33.37	8.2	24.2	0.49
A6	27 Feb 2015	2	17.19	87.86	8.1	33.38	8.2	24.2	0.51
A6	27 Feb 2015	3	17.18	88.51	8.0	33.38	8.2	24.2	0.51
A6	27 Feb 2015	4	17.18	89.46	8.1	33.38	8.2	24.2	0.54
A6	27 Feb 2015	5	17.16	89.50	8.0	33.37	8.2	24.2	0.59
A6	27 Feb 2015	6	17.12	89.64	7.9	33.37	8.2	24.2	0.64
A6	27 Feb 2015	7	17.05	89.85	7.9	33.37	8.2	24.3	0.70
A6	27 Feb 2015	8	16.99	90.21	7.8	33.37	8.2	24.3	0.74
A6	27 Feb 2015	9	16.93	90.45	7.8	33.37	8.2	24.3	0.76
A6	27 Feb 2015	10	16.83	90.76	7.7	33.37	8.2	24.3	0.71
A6	27 Feb 2015	11	16.65	90.85	7.6	33.35	8.2	24.3	0.67
A6	27 Feb 2015	12	16.37	91.04	7.4	33.34	8.2	24.4	0.61
A6	27 Feb 2015	13	15.83	90.97	7.2	33.34	8.2	24.5	0.58
A6	27 Feb 2015	14	15.52	90.75	7.0	33.31	8.2	24.5	0.61
A6	27 Feb 2015	15	14.76	90.35	7.0	33.32	8.1	24.7	0.63
A6	27 Feb 2015	16	14.52	89.71	7.0	33.30	8.1	24.8	0.68
A6	27 Feb 2015	17	14.15	89.57	7.0	33.31	8.1	24.9	0.75
A6	27 Feb 2015	18	14.13	89.38	6.8	33.29	8.1	24.8	0.79
A6	27 Feb 2015	19	13.56	89.26	6.8	33.29	8.1	25.0	0.87
C6	02 Feb 2015	1	16.86	84.66	7.3	33.40	8.2	24.3	0.55
C6	02 Feb 2015	2	16.70	84.66	7.3	33.40	8.2	24.4	0.60
C6	02 Feb 2015	3	16.62	84.13	7.3	33.40	8.2	24.4	0.70
C6	02 Feb 2015	4	16.60	84.17	7.2	33.40	8.2	24.4	0.76
C6	02 Feb 2015	5	16.59	84.24	7.2	33.40	8.2	24.4	0.80
C6	02 Feb 2015	6	16.58	84.48	7.2	33.40	8.2	24.4	0.81
C6	02 Feb 2015	7	16.56	84.66	7.1	33.40	8.2	24.4	0.79
C6	02 Feb 2015	8	16.52	84.97	7.0	33.40	8.2	24.4	0.71
C6	02 Feb 2015	9	16.47	85.53	6.9	33.41	8.2	24.4	0.60
C6	02 Feb 2015	10	16.47	85.81	6.9	33.41	8.2	24.4	0.59
C6	12 Feb 2015	1	16.41	73.97	6.6	33.35	8.2	24.4	0.81
C6	12 Feb 2015	2	16.42	73.83	7.4	33.36	8.2	24.4	0.93
C6	12 Feb 2015	3	16.36	75.23	7.8	33.39	8.2	24.4	0.93
C6	12 Feb 2015	4	16.34	75.92	7.8	33.37	8.2	24.4	0.99
C6	12 Feb 2015	5	16.33	72.08	7.8	33.34	8.2	24.4	1.10
C6	12 Feb 2015	6	16.28	75.58	7.8	33.38	8.2	24.4	1.53
C6	12 Feb 2015	7	16.22	76.86	7.7	33.37	8.2	24.4	2.47
C6	12 Feb 2015	8	15.89	78.21	7.4	33.39	8.2	24.5	2.19
C6	12 Feb 2015	9	15.73	82.24	7.1	33.36	8.1	24.5	1.32
C6	12 Feb 2015	10	15.73	84.11	6.8	33.36	8.1	24.5	0.97

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C6	18 Feb 2015	1	17.47	87.90	8.1	33.38	8.3	24.2	0.41
C6	18 Feb 2015	2	17.45	87.92	8.1	33.38	8.3	24.2	0.42
C6	18 Feb 2015	3	17.44	87.96	8.1	33.38	8.3	24.2	0.45
C6	18 Feb 2015	4	17.40	87.94	8.1	33.38	8.3	24.2	0.49
C6	18 Feb 2015	5	17.32	87.90	8.1	33.38	8.3	24.2	0.55
C6	18 Feb 2015	6	17.19	87.99	7.9	33.37	8.3	24.2	0.60
C6	18 Feb 2015	7	16.88	88.25	7.7	33.36	8.2	24.3	0.66
C6	18 Feb 2015	8	16.54	88.75	7.4	33.33	8.2	24.3	0.59
C6	18 Feb 2015	9	15.99	90.01	7.4	33.33	8.2	24.5	0.58
C6	18 Feb 2015	10	15.57	90.15	7.5	33.32	8.2	24.6	0.65
C6	18 Feb 2015	11	15.52	90.09	7.5	33.32	8.2	24.6	0.70
C6	22 Feb 2015	1	17.29	89.73	8.1	33.39	8.2	24.2	0.49
C6	22 Feb 2015	2	17.29	90.10	8.1	33.39	8.2	24.2	0.50
C6	22 Feb 2015	3	17.28	90.42	8.1	33.39	8.2	24.2	0.53
C6	22 Feb 2015	4	17.29	90.51	8.1	33.39	8.2	24.2	0.54
C6	22 Feb 2015	5	17.28	90.55	8.2	33.39	8.2	24.2	0.54
C6	22 Feb 2015	6	17.28	90.57	8.1	33.39	8.2	24.2	0.55
C6	22 Feb 2015	7	17.27	90.63	8.1	33.39	8.2	24.2	0.56
C6	22 Feb 2015	8	17.23	90.67	8.0	33.38	8.2	24.2	0.49
C6	22 Feb 2015	9	17.21	90.73	8.0	33.38	8.2	24.2	0.42
C6	27 Feb 2015	1	17.27	82.01	7.6	33.39	8.2	24.2	0.50
C6	27 Feb 2015	2	17.27	83.60	7.7	33.39	8.2	24.2	0.68
C6	27 Feb 2015	3	17.27	82.87	7.7	33.39	8.2	24.2	0.64
C6	27 Feb 2015	4	17.27	76.70	7.6	33.39	8.2	24.2	0.58
C6	27 Feb 2015	5	17.27	80.96	7.6	33.39	8.2	24.2	0.57
C6	27 Feb 2015	6	17.27	83.34	7.6	33.39	8.2	24.2	0.56
C6	27 Feb 2015	7	17.22	83.90	7.6	33.38	8.2	24.2	0.58
C6	27 Feb 2015	8	17.16	83.58	7.6	33.39	8.2	24.2	0.55
C6	27 Feb 2015	9	17.17	83.87	7.6	33.38	8.2	24.2	0.59
A7	02 Feb 2015	1	16.36	87.05	7.8	33.40	8.2	24.4	1.12
A7	02 Feb 2015	2	16.35	87.12	7.8	33.40	8.2	24.4	1.20
A7	02 Feb 2015	3	16.34	87.15	7.8	33.40	8.2	24.4	1.33
A7	02 Feb 2015	4	16.32	87.18	7.7	33.40	8.2	24.4	1.44
A7	02 Feb 2015	5	16.31	87.19	7.8	33.40	8.2	24.4	1.52
A7	02 Feb 2015	6	16.31	87.32	7.8	33.40	8.2	24.4	1.57
A7	02 Feb 2015	7	16.30	87.34	7.8	33.40	8.2	24.4	1.59
A7	02 Feb 2015	8	16.30	87.43	7.7	33.40	8.2	24.4	1.62
A7	02 Feb 2015	9	16.30	87.45	7.8	33.40	8.2	24.4	1.64
A7	02 Feb 2015	10	16.29	87.50	7.7	33.40	8.2	24.4	1.64
A7	02 Feb 2015	11	16.28	87.62	7.8	33.40	8.2	24.5	1.63
A7	02 Feb 2015	12	16.27	87.69	7.7	33.40	8.2	24.5	1.62
A7	02 Feb 2015	13	16.20	87.71	7.6	33.39	8.2	24.5	1.57
A7	02 Feb 2015	14	16.06	87.75	7.5	33.38	8.2	24.5	1.49
A7	02 Feb 2015	15	15.89	88.05	7.4	33.38	8.2	24.5	1.35
A7	02 Feb 2015	16	15.73	88.27	7.2	33.37	8.2	24.6	1.17
A7	02 Feb 2015	17	15.30	88.42	7.0	33.35	8.2	24.6	0.95
A7	02 Feb 2015	18	14.96	88.31	7.0	33.35	8.2	24.7	0.82
A7	02 Feb 2015	19	14.90	88.00	6.9	33.35	8.2	24.7	0.77
A7	12 Feb 2015	1	16.38	82.72	7.9	33.35	8.2	24.4	1.46
A7	12 Feb 2015	2	16.38	82.85	7.8	33.35	8.2	24.4	1.49
A7	12 Feb 2015	3	16.38	82.69	7.9	33.35	8.2	24.4	1.58
A7	12 Feb 2015	4	16.37	83.00	7.8	33.35	8.2	24.4	1.72
A7	12 Feb 2015	5	16.35	83.30	7.8	33.35	8.2	24.4	1.89

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A7	12 Feb 2015	6	16.31	83.34	7.8	33.35	8.2	24.4	2.10
A7	12 Feb 2015	7	16.30	82.83	7.8	33.35	8.2	24.4	2.28
A7	12 Feb 2015	8	16.29	81.90	7.9	33.35	8.2	24.4	2.28
A7	12 Feb 2015	9	16.26	81.65	7.9	33.35	8.2	24.4	2.25
A7	12 Feb 2015	10	16.18	81.37	7.8	33.35	8.2	24.4	2.09
A7	12 Feb 2015	11	16.10	81.16	7.6	33.35	8.2	24.5	1.89
A7	12 Feb 2015	12	16.00	81.64	7.4	33.34	8.2	24.5	1.76
A7	12 Feb 2015	13	15.70	82.66	7.2	33.34	8.2	24.5	1.51
A7	12 Feb 2015	14	15.34	83.00	6.8	33.34	8.2	24.6	1.26
A7	12 Feb 2015	15	14.86	83.33	6.5	33.34	8.1	24.7	1.06
A7	12 Feb 2015	16	13.61	83.94	6.4	33.34	8.1	25.0	0.95
A7	12 Feb 2015	17	13.35	82.57	6.3	33.34	8.1	25.0	0.85
A7	12 Feb 2015	18	13.34	79.99	6.2	33.33	8.0	25.0	0.81
A7	18 Feb 2015	1	17.15	88.35	8.4	33.38	8.2	24.2	0.79
A7	18 Feb 2015	2	17.13	88.31	8.4	33.37	8.2	24.2	0.81
A7	18 Feb 2015	3	17.09	88.45	8.3	33.37	8.2	24.2	0.83
A7	18 Feb 2015	4	17.04	88.48	8.3	33.37	8.2	24.3	0.86
A7	18 Feb 2015	5	17.02	88.65	8.2	33.37	8.2	24.3	0.90
A7	18 Feb 2015	6	16.98	88.77	8.2	33.37	8.2	24.3	0.95
A7	18 Feb 2015	7	16.92	88.85	8.1	33.37	8.2	24.3	1.02
A7	18 Feb 2015	8	16.90	88.89	8.1	33.37	8.2	24.3	1.06
A7	18 Feb 2015	9	16.90	88.84	8.1	33.37	8.2	24.3	1.15
A7	18 Feb 2015	10	16.89	88.45	8.0	33.37	8.2	24.3	1.16
A7	18 Feb 2015	11	16.88	87.80	7.9	33.37	8.2	24.3	1.21
A7	18 Feb 2015	12	16.87	88.09	8.1	33.37	8.2	24.3	1.22
A7	18 Feb 2015	13	16.85	88.87	8.1	33.37	8.2	24.3	1.22
A7	18 Feb 2015	14	16.78	89.05	8.1	33.36	8.2	24.3	1.15
A7	18 Feb 2015	15	16.75	89.14	8.0	33.36	8.2	24.3	1.14
A7	18 Feb 2015	16	16.38	89.16	7.9	33.33	8.2	24.4	1.23
A7	18 Feb 2015	17	15.73	89.19	7.8	33.33	8.2	24.5	1.34
A7	18 Feb 2015	18	15.40	89.16	7.6	33.30	8.2	24.6	1.41
A7	18 Feb 2015	19	14.71	88.93	7.6	33.30	8.2	24.7	1.47
A7	18 Feb 2015	20	14.43	88.88	7.5	33.29	8.2	24.8	1.51
A7	18 Feb 2015	21	14.22	88.76	7.5	33.28	8.2	24.8	1.51
A7	22 Feb 2015	1	17.24	90.22	7.8	33.37	8.2	24.2	0.43
A7	22 Feb 2015	2	17.21	90.41	7.8	33.37	8.2	24.2	0.46
A7	22 Feb 2015	3	17.20	91.37	7.8	33.37	8.2	24.2	0.47
A7	22 Feb 2015	4	17.19	91.95	7.8	33.37	8.2	24.2	0.49
A7	22 Feb 2015	5	17.17	92.05	7.8	33.37	8.2	24.2	0.51
A7	22 Feb 2015	6	17.06	92.08	7.8	33.36	8.2	24.2	0.56
A7	22 Feb 2015	7	16.82	92.10	7.7	33.34	8.2	24.3	0.63
A7	22 Feb 2015	8	16.28	91.99	7.6	33.32	8.2	24.4	0.73
A7	22 Feb 2015	9	15.68	91.81	7.6	33.31	8.1	24.5	0.79
A7	22 Feb 2015	10	15.46	91.44	7.6	33.31	8.1	24.6	0.85
A7	22 Feb 2015	11	15.34	91.23	7.6	33.30	8.1	24.6	0.89
A7	22 Feb 2015	12	15.14	91.10	7.6	33.30	8.1	24.6	0.96
A7	22 Feb 2015	13	15.08	91.02	7.6	33.30	8.1	24.6	1.02
A7	22 Feb 2015	14	15.02	90.86	7.6	33.30	8.1	24.7	1.05
A7	22 Feb 2015	15	15.00	90.83	7.6	33.30	8.1	24.7	1.05
A7	22 Feb 2015	16	14.99	90.74	7.6	33.30	8.1	24.7	1.07
A7	22 Feb 2015	17	14.98	90.79	7.6	33.30	8.1	24.7	1.12
A7	22 Feb 2015	18	14.97	90.77	7.6	33.30	8.1	24.7	1.07
A7	22 Feb 2015	19	14.96	90.73	7.6	33.30	8.1	24.7	1.06
A7	22 Feb 2015	20	14.95	90.75	7.6	33.30	8.1	24.7	1.05

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
A7	27 Feb 2015	1	17.08	88.74	7.8	33.38	8.2	24.3	0.48
A7	27 Feb 2015	2	17.06	89.38	7.8	33.38	8.2	24.3	0.52
A7	27 Feb 2015	3	17.06	90.42	7.9	33.38	8.2	24.3	0.60
A7	27 Feb 2015	4	17.06	90.63	7.8	33.38	8.2	24.3	0.72
A7	27 Feb 2015	5	17.06	90.64	7.9	33.38	8.2	24.3	0.80
A7	27 Feb 2015	6	17.05	90.73	7.9	33.38	8.2	24.3	0.86
A7	27 Feb 2015	7	17.05	90.68	8.0	33.38	8.2	24.3	0.88
A7	27 Feb 2015	8	17.05	90.66	7.9	33.38	8.2	24.3	0.88
A7	27 Feb 2015	9	17.05	90.74	7.9	33.38	8.2	24.3	0.88
A7	27 Feb 2015	10	17.04	90.71	7.9	33.38	8.2	24.3	0.86
A7	27 Feb 2015	11	17.04	90.74	7.9	33.38	8.2	24.3	0.84
A7	27 Feb 2015	12	17.01	90.84	7.9	33.38	8.2	24.3	0.79
A7	27 Feb 2015	13	16.90	91.03	7.8	33.37	8.2	24.3	0.73
A7	27 Feb 2015	14	16.75	91.07	7.6	33.35	8.2	24.3	0.65
A7	27 Feb 2015	15	16.40	91.28	7.6	33.33	8.2	24.4	0.63
A7	27 Feb 2015	16	16.13	91.31	7.4	33.33	8.2	24.4	0.60
A7	27 Feb 2015	17	15.13	91.30	7.3	33.32	8.2	24.6	0.62
A7	27 Feb 2015	18	14.70	90.76	7.3	33.32	8.1	24.7	0.63
C7	02 Feb 2015	1	16.51	86.06	7.9	33.37	8.2	24.4	0.93
C7	02 Feb 2015	2	16.49	85.82	7.8	33.39	8.2	24.4	1.00
C7	02 Feb 2015	3	16.48	84.99	7.8	33.39	8.2	24.4	1.11
C7	02 Feb 2015	4	16.47	85.91	7.7	33.39	8.2	24.4	1.22
C7	02 Feb 2015	5	16.46	85.81	7.7	33.39	8.2	24.4	1.29
C7	02 Feb 2015	6	16.46	85.99	7.7	33.39	8.2	24.4	1.32
C7	02 Feb 2015	7	16.45	86.02	7.6	33.39	8.2	24.4	1.43
C7	02 Feb 2015	8	16.40	85.99	7.5	33.40	8.2	24.4	1.54
C7	02 Feb 2015	9	16.37	85.13	7.3	33.40	8.2	24.4	1.57
C7	02 Feb 2015	10	16.32	81.41	7.2	33.40	8.2	24.4	1.53
C7	02 Feb 2015	11	16.28	82.36	7.3	33.40	8.2	24.5	1.50
C7	02 Feb 2015	12	16.24	82.97	7.2	33.39	8.2	24.5	1.32
C7	02 Feb 2015	13	16.17	85.19	7.2	33.39	8.2	24.5	1.15
C7	02 Feb 2015	14	16.12	86.70	7.1	33.39	8.2	24.5	1.02
C7	02 Feb 2015	15	16.06	87.59	7.1	33.39	8.2	24.5	0.91
C7	02 Feb 2015	16	15.99	87.72	6.9	33.39	8.2	24.5	0.79
C7	02 Feb 2015	17	15.96	88.09	6.8	33.39	8.2	24.5	0.70
C7	02 Feb 2015	18	15.96	88.22	6.8	33.39	8.2	24.5	0.67
C7	02 Feb 2015	19	15.96	88.24	6.8	33.39	8.2	24.5	0.66
C7	12 Feb 2015	1	16.39	77.14	8.4	33.36	8.2	24.4	1.81
C7	12 Feb 2015	2	16.38	77.24	8.3	33.36	8.2	24.4	1.93
C7	12 Feb 2015	3	16.35	76.94	8.2	33.36	8.2	24.4	2.10
C7	12 Feb 2015	4	16.33	75.85	8.2	33.36	8.2	24.4	2.24
C7	12 Feb 2015	5	16.32	77.70	8.1	33.36	8.2	24.4	2.31
C7	12 Feb 2015	6	16.32	78.01	8.1	33.36	8.2	24.4	2.35
C7	12 Feb 2015	7	16.32	78.05	8.1	33.36	8.2	24.4	2.44
C7	12 Feb 2015	8	16.30	78.16	8.0	33.36	8.2	24.4	2.53
C7	12 Feb 2015	9	16.21	78.11	7.8	33.35	8.2	24.4	2.60
C7	12 Feb 2015	10	16.03	78.20	7.6	33.34	8.2	24.5	2.35
C7	12 Feb 2015	11	15.83	78.11	7.4	33.34	8.2	24.5	1.82
C7	12 Feb 2015	12	15.52	77.87	7.0	33.33	8.1	24.6	1.29
C7	12 Feb 2015	13	15.08	78.00	6.7	33.32	8.1	24.7	0.95
C7	12 Feb 2015	14	14.60	78.17	6.4	33.33	8.1	24.8	0.74
C7	12 Feb 2015	15	14.45	79.34	6.3	33.33	8.1	24.8	0.69
C7	12 Feb 2015	16	14.22	80.05	6.2	33.32	8.1	24.8	0.70
C7	12 Feb 2015	17	13.86	80.23	6.2	33.33	8.1	24.9	0.62
C7	12 Feb 2015	18	13.80	79.64	6.2	33.34	8.1	24.9	0.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma-t$ )	Chlor ( $\mu\text{g/L}$ )
C7	18 Feb 2015	1	17.39	87.83	8.6	33.38	8.3	24.2	0.52
C7	18 Feb 2015	2	17.39	87.83	8.6	33.38	8.3	24.2	0.54
C7	18 Feb 2015	3	17.36	88.00	8.6	33.38	8.3	24.2	0.66
C7	18 Feb 2015	4	17.33	88.26	8.6	33.38	8.3	24.2	0.78
C7	18 Feb 2015	5	17.28	88.29	8.6	33.38	8.3	24.2	0.92
C7	18 Feb 2015	6	17.24	88.30	8.5	33.37	8.3	24.2	0.99
C7	18 Feb 2015	7	17.17	88.38	8.4	33.37	8.3	24.2	1.11
C7	18 Feb 2015	8	17.04	88.42	8.3	33.36	8.3	24.2	1.20
C7	18 Feb 2015	9	16.95	88.39	8.2	33.36	8.2	24.3	1.27
C7	18 Feb 2015	10	16.84	88.43	8.1	33.35	8.2	24.3	1.32
C7	18 Feb 2015	11	16.67	88.41	8.0	33.35	8.2	24.3	1.40
C7	18 Feb 2015	12	16.57	88.28	8.0	33.35	8.2	24.4	1.43
C7	18 Feb 2015	13	16.48	88.23	8.0	33.35	8.2	24.4	1.44
C7	18 Feb 2015	14	16.33	88.19	7.9	33.34	8.2	24.4	1.46
C7	18 Feb 2015	15	16.14	88.24	7.7	33.32	8.2	24.4	1.39
C7	18 Feb 2015	16	15.39	88.46	7.5	33.31	8.2	24.6	1.31
C7	18 Feb 2015	17	14.82	88.88	7.4	33.30	8.2	24.7	1.27
C7	18 Feb 2015	18	14.51	89.35	7.3	33.29	8.2	24.8	1.21
C7	18 Feb 2015	19	14.40	89.51	7.3	33.30	8.2	24.8	1.13
C7	22 Feb 2015	1	17.25	90.07	7.9	33.37	8.2	24.2	0.46
C7	22 Feb 2015	2	17.25	91.16	7.8	33.37	8.2	24.2	0.49
C7	22 Feb 2015	3	17.25	91.29	7.8	33.37	8.2	24.2	0.53
C7	22 Feb 2015	4	17.26	91.35	7.8	33.37	8.2	24.2	0.55
C7	22 Feb 2015	5	17.26	91.43	7.8	33.37	8.2	24.2	0.59
C7	22 Feb 2015	6	17.25	91.41	7.7	33.37	8.2	24.2	0.56
C7	22 Feb 2015	7	17.25	91.49	7.7	33.37	8.2	24.2	0.59
C7	22 Feb 2015	8	17.25	91.56	7.8	33.37	8.2	24.2	0.58
C7	22 Feb 2015	9	17.24	91.53	7.7	33.37	8.2	24.2	0.59
C7	22 Feb 2015	10	17.22	91.49	7.7	33.37	8.2	24.2	0.59
C7	22 Feb 2015	11	17.16	91.43	7.6	33.37	8.2	24.2	0.62
C7	22 Feb 2015	12	17.04	91.17	7.4	33.36	8.2	24.2	0.63
C7	22 Feb 2015	13	16.79	90.90	7.2	33.35	8.2	24.3	0.64
C7	22 Feb 2015	14	16.26	90.50	7.1	33.34	8.1	24.4	0.63
C7	22 Feb 2015	15	15.79	90.22	7.1	33.32	8.1	24.5	0.65
C7	22 Feb 2015	16	15.62	90.09	7.1	33.32	8.1	24.5	0.65
C7	22 Feb 2015	17	15.49	89.96	7.1	33.32	8.1	24.6	0.66
C7	22 Feb 2015	18	15.44	89.88	7.2	33.32	8.1	24.6	0.65
C7	27 Feb 2015	1	17.21	69.07	8.4	33.36	8.2	24.2	1.65
C7	27 Feb 2015	2	17.20	73.69	8.4	33.37	8.2	24.2	1.34
C7	27 Feb 2015	3	17.19	81.90	8.3	33.36	8.2	24.2	1.19
C7	27 Feb 2015	4	17.17	86.85	8.3	33.36	8.2	24.2	1.12
C7	27 Feb 2015	5	17.14	87.66	8.2	33.36	8.2	24.2	1.04
C7	27 Feb 2015	6	17.14	88.91	8.2	33.36	8.2	24.2	1.08
C7	27 Feb 2015	7	17.12	88.97	8.0	33.36	8.2	24.2	1.09
C7	27 Feb 2015	8	17.07	88.87	7.9	33.36	8.2	24.2	1.20
C7	27 Feb 2015	9	17.01	89.12	7.8	33.36	8.2	24.3	1.31
C7	27 Feb 2015	10	16.91	88.90	7.6	33.35	8.2	24.3	1.29
C7	27 Feb 2015	11	16.62	88.94	7.5	33.34	8.2	24.3	1.20
C7	27 Feb 2015	12	16.35	89.14	7.3	33.33	8.2	24.4	1.11
C7	27 Feb 2015	13	16.08	89.36	7.2	33.33	8.2	24.4	1.06
C7	27 Feb 2015	14	15.85	89.49	7.2	33.33	8.2	24.5	0.99
C7	27 Feb 2015	15	15.77	89.50	7.1	33.32	8.2	24.5	1.01
C7	27 Feb 2015	16	15.52	89.27	7.0	33.32	8.1	24.6	0.83
C7	27 Feb 2015	17	15.38	87.76	6.8	33.32	8.1	24.6	0.68

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
C7	27 Feb 2015	18	15.39	88.09	6.8	33.32	8.1	24.6	0.64
C8	02 Feb 2015	1	16.47	88.36	7.8	33.39	8.2	24.4	0.58
C8	02 Feb 2015	2	16.41	88.35	7.8	33.39	8.2	24.4	0.66
C8	02 Feb 2015	3	16.40	88.00	7.8	33.39	8.2	24.4	0.80
C8	02 Feb 2015	4	16.39	87.59	7.8	33.39	8.2	24.4	0.89
C8	02 Feb 2015	5	16.38	87.56	7.9	33.39	8.2	24.4	0.99
C8	02 Feb 2015	6	16.37	87.48	7.8	33.39	8.2	24.4	1.12
C8	02 Feb 2015	7	16.37	87.20	7.8	33.39	8.2	24.4	1.22
C8	02 Feb 2015	8	16.36	87.04	7.8	33.39	8.2	24.4	1.36
C8	02 Feb 2015	9	16.29	86.87	7.8	33.40	8.2	24.4	1.50
C8	02 Feb 2015	10	16.28	86.72	7.8	33.40	8.2	24.4	1.56
C8	02 Feb 2015	11	16.27	86.71	7.8	33.40	8.2	24.5	1.53
C8	02 Feb 2015	12	16.23	87.10	7.7	33.39	8.2	24.5	1.54
C8	02 Feb 2015	13	16.20	87.09	7.7	33.40	8.2	24.5	1.57
C8	02 Feb 2015	14	16.18	86.60	7.6	33.39	8.2	24.5	1.53
C8	02 Feb 2015	15	16.17	85.71	7.6	33.39	8.2	24.5	1.52
C8	02 Feb 2015	16	16.07	84.81	7.5	33.39	8.2	24.5	1.45
C8	02 Feb 2015	17	15.96	84.12	7.3	33.38	8.2	24.5	1.33
C8	02 Feb 2015	18	15.76	83.95	7.3	33.38	8.2	24.6	1.21
C8	02 Feb 2015	19	15.72	84.17	7.3	33.38	8.2	24.6	1.15
C8	02 Feb 2015	20	15.72	83.80	7.2	33.38	8.2	24.6	1.13
C8	12 Feb 2015	1	16.51	72.71	7.9	33.35	8.2	24.4	1.48
C8	12 Feb 2015	2	16.47	72.42	7.9	33.35	8.2	24.4	1.69
C8	12 Feb 2015	3	16.46	72.22	7.9	33.35	8.2	24.4	2.11
C8	12 Feb 2015	4	16.45	71.88	7.9	33.35	8.2	24.4	2.45
C8	12 Feb 2015	5	16.44	72.47	7.9	33.35	8.2	24.4	2.63
C8	12 Feb 2015	6	16.42	73.55	7.9	33.35	8.2	24.4	2.72
C8	12 Feb 2015	7	16.34	73.92	7.8	33.35	8.2	24.4	2.65
C8	12 Feb 2015	8	16.16	73.42	7.7	33.35	8.2	24.4	2.37
C8	12 Feb 2015	9	16.01	72.99	7.5	33.34	8.2	24.5	2.01
C8	12 Feb 2015	10	15.72	73.48	7.3	33.34	8.2	24.5	1.61
C8	12 Feb 2015	11	15.46	71.21	7.0	33.34	8.1	24.6	1.31
C8	12 Feb 2015	12	15.26	70.90	6.8	33.33	8.1	24.6	1.13
C8	12 Feb 2015	13	15.07	72.14	6.8	33.33	8.1	24.7	1.07
C8	12 Feb 2015	14	14.90	72.60	6.7	33.33	8.1	24.7	1.01
C8	12 Feb 2015	15	14.68	71.36	6.4	33.33	8.1	24.8	0.84
C8	12 Feb 2015	16	14.45	72.50	6.0	33.33	8.1	24.8	0.69
C8	12 Feb 2015	17	14.29	73.90	5.9	33.32	8.1	24.8	0.70
C8	12 Feb 2015	18	13.76	72.19	6.0	33.31	8.1	24.9	0.87
C8	12 Feb 2015	19	13.64	65.01	5.9	33.33	8.0	25.0	0.97
C8	18 Feb 2015	1	17.43	87.41	7.9	33.38	8.2	24.2	0.59
C8	18 Feb 2015	2	17.43	87.25	7.9	33.37	8.2	24.2	0.59
C8	18 Feb 2015	3	17.41	87.29	7.9	33.37	8.2	24.2	0.64
C8	18 Feb 2015	4	17.40	87.32	7.9	33.37	8.2	24.2	0.69
C8	18 Feb 2015	5	17.39	87.23	7.9	33.37	8.2	24.2	0.76
C8	18 Feb 2015	6	17.34	87.22	7.9	33.37	8.2	24.2	0.81
C8	18 Feb 2015	7	17.19	87.31	7.9	33.37	8.2	24.2	0.90
C8	18 Feb 2015	8	17.14	87.47	7.9	33.36	8.2	24.2	0.99
C8	18 Feb 2015	9	16.64	87.60	7.9	33.34	8.2	24.3	1.23
C8	18 Feb 2015	10	16.44	87.58	8.0	33.35	8.2	24.4	1.41
C8	18 Feb 2015	11	16.37	87.36	7.9	33.34	8.2	24.4	1.56
C8	18 Feb 2015	12	16.28	87.13	7.9	33.34	8.2	24.4	1.72
C8	18 Feb 2015	13	16.14	87.08	7.8	33.34	8.2	24.4	1.80
C8	18 Feb 2015	14	16.00	87.03	7.8	33.34	8.2	24.5	1.79

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
C8	18 Feb 2015	15	15.93	87.10	7.7	33.33	8.2	24.5	1.73
C8	18 Feb 2015	16	15.91	87.28	7.6	33.33	8.2	24.5	1.58
C8	18 Feb 2015	17	15.52	87.54	7.2	33.32	8.2	24.6	1.24
C8	18 Feb 2015	18	15.10	87.83	7.2	33.31	8.2	24.6	1.12
C8	18 Feb 2015	19	14.61	88.33	7.3	33.29	8.2	24.7	1.27
C8	18 Feb 2015	20	14.48	88.49	7.4	33.29	8.2	24.8	1.40
C8	22 Feb 2015	1	17.23	89.41	7.8	33.37	8.2	24.2	0.61
C8	22 Feb 2015	2	17.23	89.64	7.8	33.37	8.2	24.2	0.63
C8	22 Feb 2015	3	17.23	89.66	7.8	33.37	8.2	24.2	0.64
C8	22 Feb 2015	4	17.23	89.69	7.8	33.37	8.2	24.2	0.68
C8	22 Feb 2015	5	17.23	89.68	7.8	33.37	8.2	24.2	0.70
C8	22 Feb 2015	6	17.23	89.69	7.8	33.37	8.2	24.2	0.70
C8	22 Feb 2015	7	17.23	89.69	7.8	33.37	8.2	24.2	0.72
C8	22 Feb 2015	8	17.23	89.69	7.8	33.37	8.2	24.2	0.71
C8	22 Feb 2015	9	17.22	89.74	7.8	33.37	8.2	24.2	0.73
C8	22 Feb 2015	10	17.22	89.65	7.8	33.37	8.2	24.2	0.76
C8	22 Feb 2015	11	17.21	89.50	7.8	33.37	8.2	24.2	0.78
C8	22 Feb 2015	12	17.17	89.35	7.7	33.36	8.2	24.2	0.77
C8	22 Feb 2015	13	17.05	89.33	7.5	33.36	8.2	24.2	0.80
C8	22 Feb 2015	14	16.96	89.27	7.4	33.35	8.2	24.3	0.82
C8	22 Feb 2015	15	16.74	89.19	7.3	33.35	8.1	24.3	0.87
C8	22 Feb 2015	16	16.49	88.75	7.1	33.34	8.1	24.4	0.82
C8	22 Feb 2015	17	16.25	87.90	7.1	33.34	8.1	24.4	0.78
C8	22 Feb 2015	18	16.18	86.31	7.0	33.34	8.1	24.4	0.72
C8	22 Feb 2015	19	16.15	86.39	7.0	33.34	8.1	24.4	0.69
C8	27 Feb 2015	1	17.15	88.31	7.9	33.37	8.2	24.2	0.41
C8	27 Feb 2015	2	17.13	89.14	7.9	33.37	8.2	24.2	0.39
C8	27 Feb 2015	3	17.11	90.88	7.8	33.37	8.2	24.2	0.43
C8	27 Feb 2015	4	17.09	91.02	7.9	33.37	8.2	24.2	0.44
C8	27 Feb 2015	5	17.07	90.99	7.8	33.37	8.2	24.2	0.45
C8	27 Feb 2015	6	17.05	90.99	7.9	33.37	8.2	24.3	0.48
C8	27 Feb 2015	7	17.03	90.99	7.8	33.37	8.2	24.3	0.51
C8	27 Feb 2015	8	16.83	90.98	7.8	33.35	8.2	24.3	0.59
C8	27 Feb 2015	9	16.61	90.75	7.8	33.35	8.2	24.3	0.67
C8	27 Feb 2015	10	16.43	90.22	7.8	33.34	8.2	24.4	0.81
C8	27 Feb 2015	11	16.21	89.69	7.9	33.33	8.2	24.4	0.94
C8	27 Feb 2015	12	16.05	89.35	7.9	33.32	8.2	24.4	1.12
C8	27 Feb 2015	13	15.87	89.14	7.9	33.31	8.2	24.5	1.33
C8	27 Feb 2015	14	15.74	88.75	7.9	33.32	8.2	24.5	1.50
C8	27 Feb 2015	15	15.55	88.46	7.8	33.31	8.2	24.6	1.40
C8	27 Feb 2015	16	15.44	88.83	7.8	33.31	8.2	24.6	1.28
C8	27 Feb 2015	17	15.34	89.07	7.6	33.31	8.2	24.6	1.19
C8	27 Feb 2015	18	15.13	88.80	7.5	33.30	8.2	24.6	1.10
C8	27 Feb 2015	19	15.06	86.80	7.4	33.31	8.2	24.7	1.00

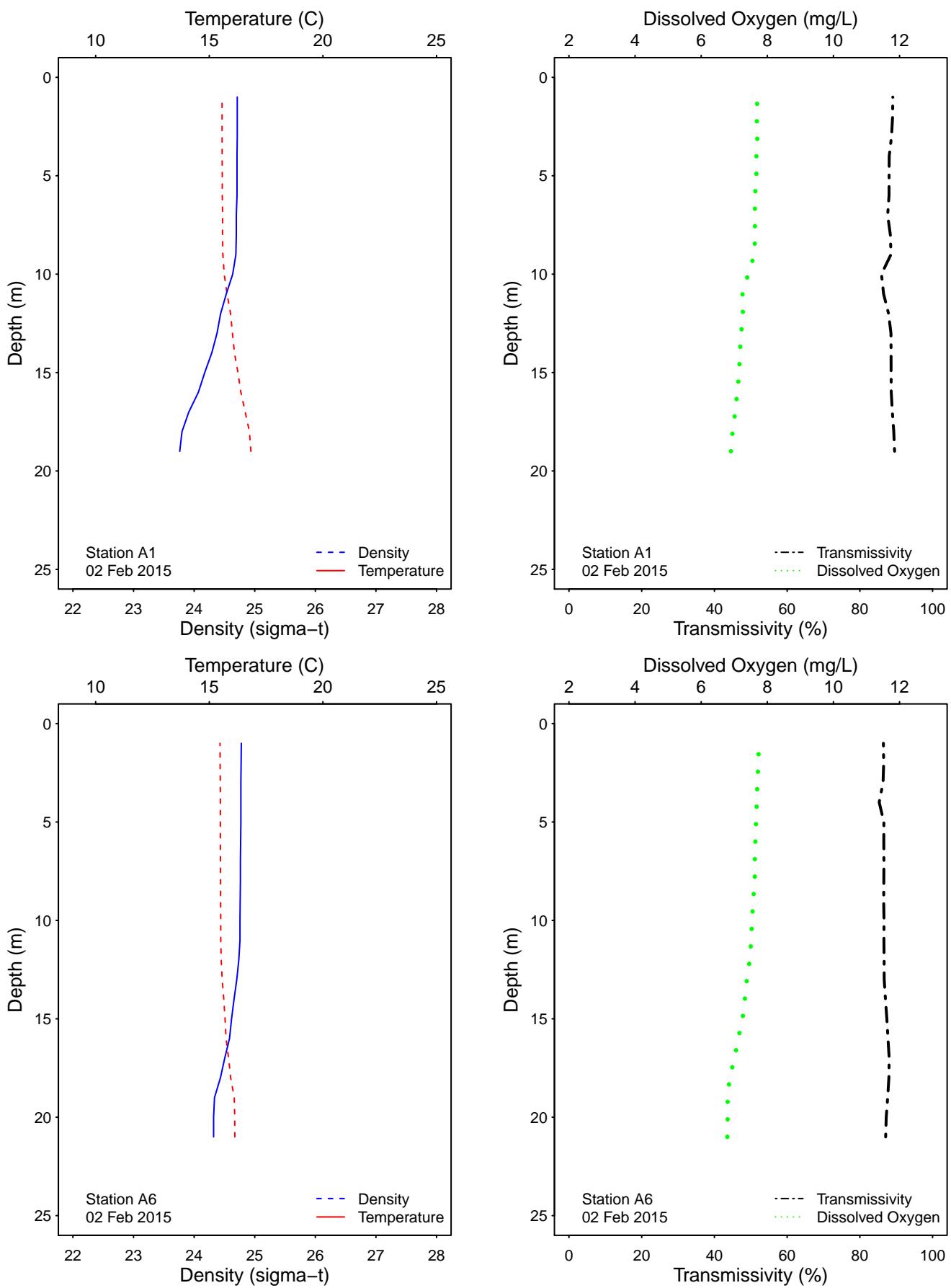


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

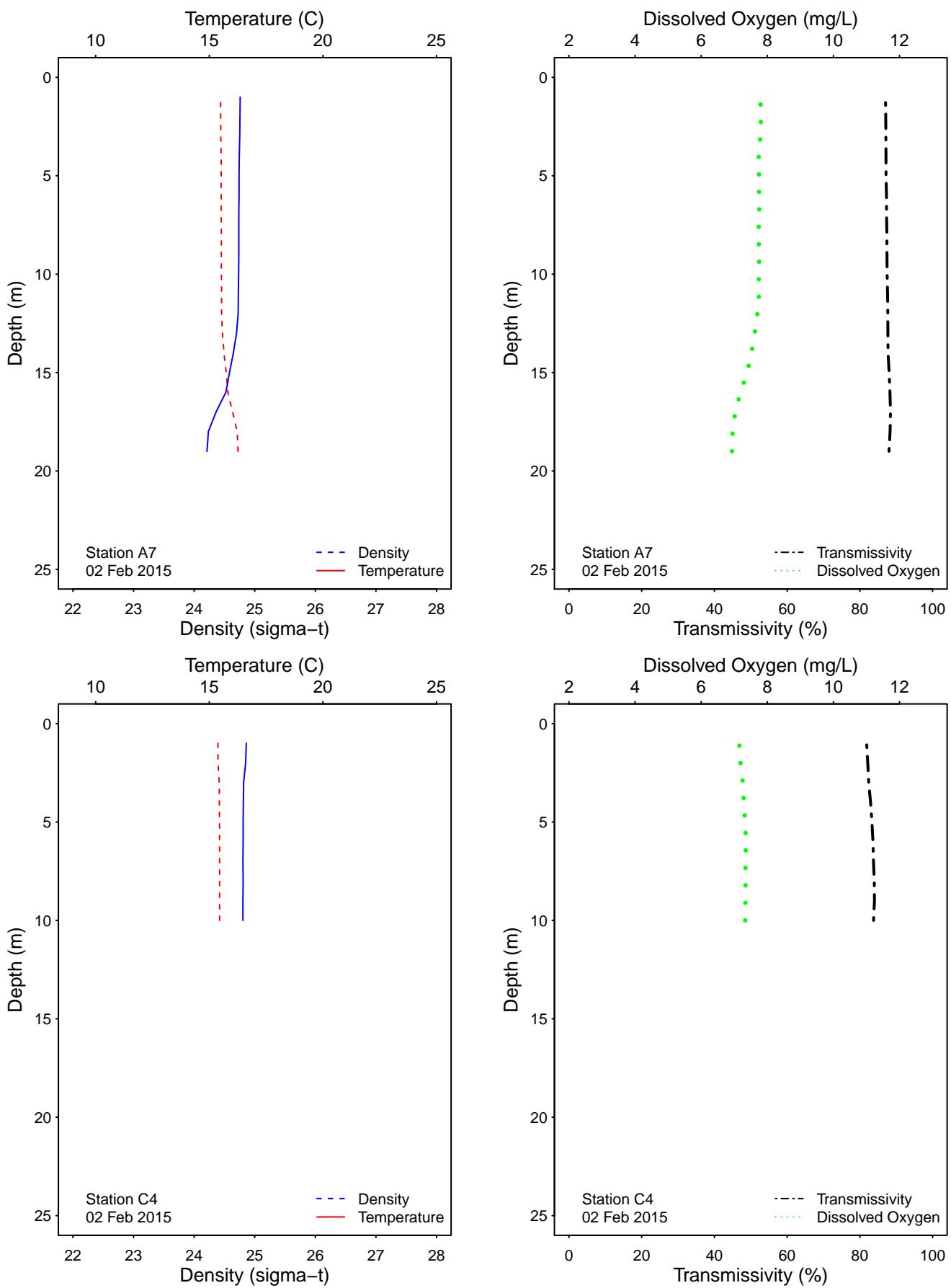


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

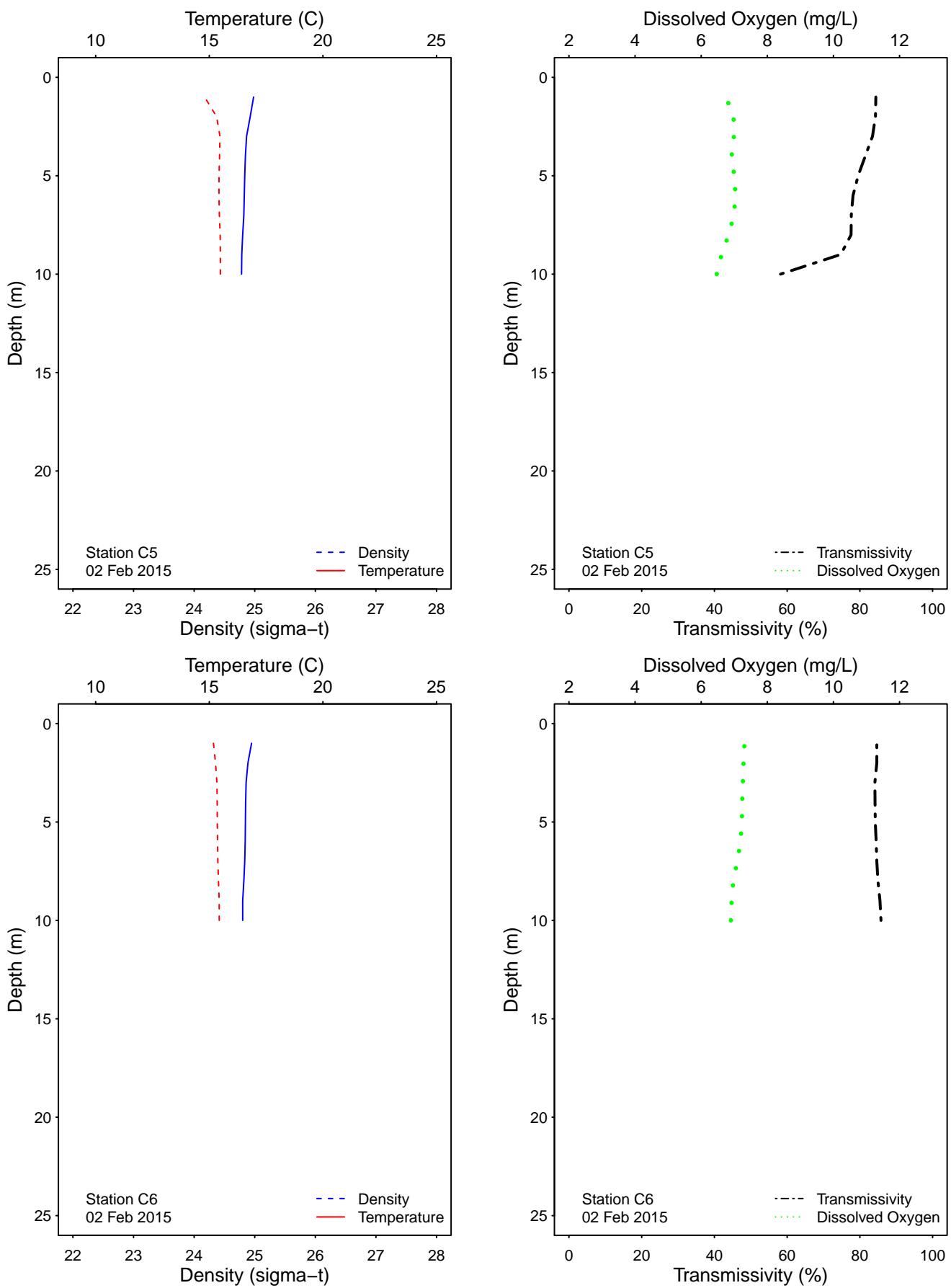


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

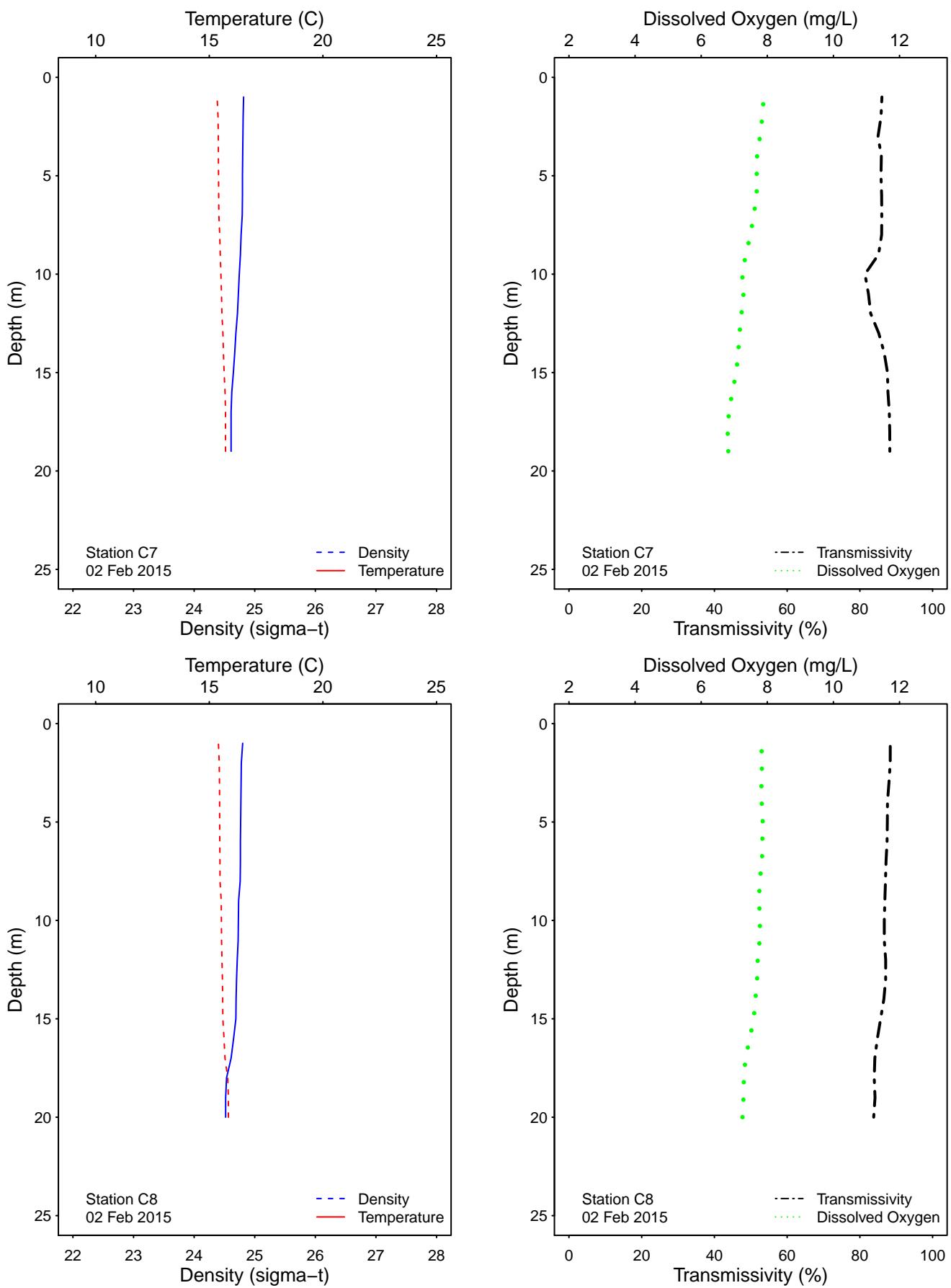


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

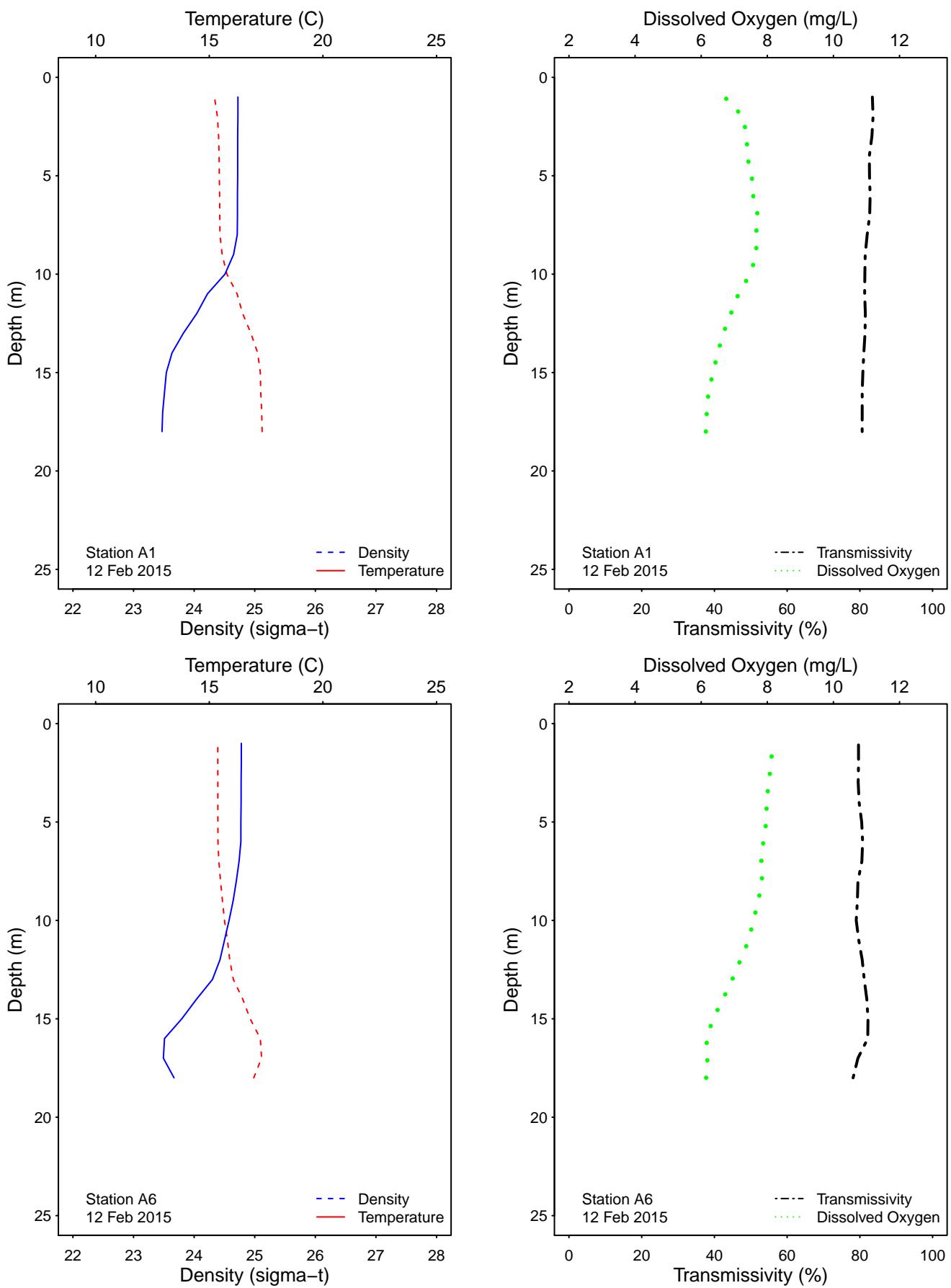


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

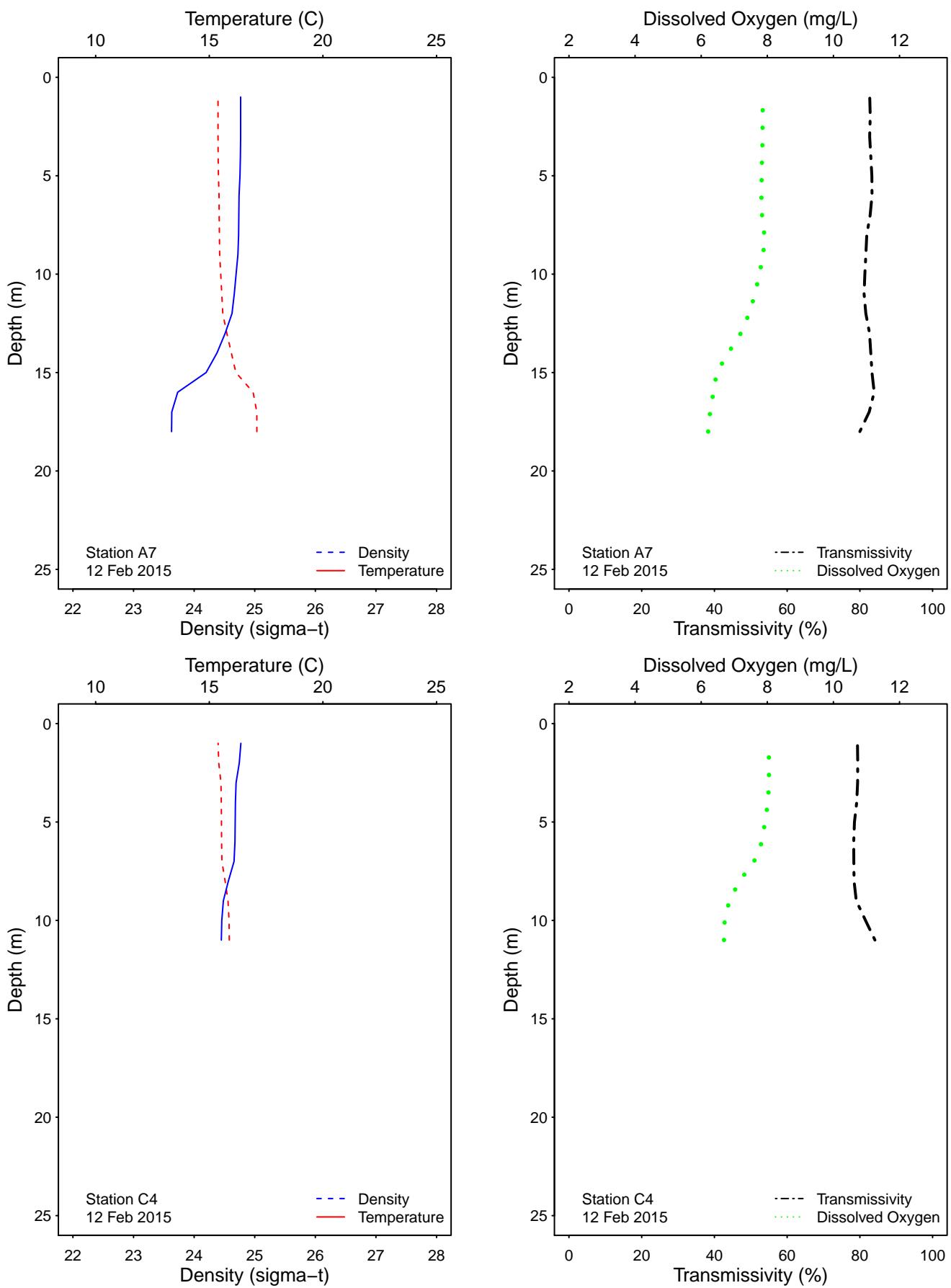


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

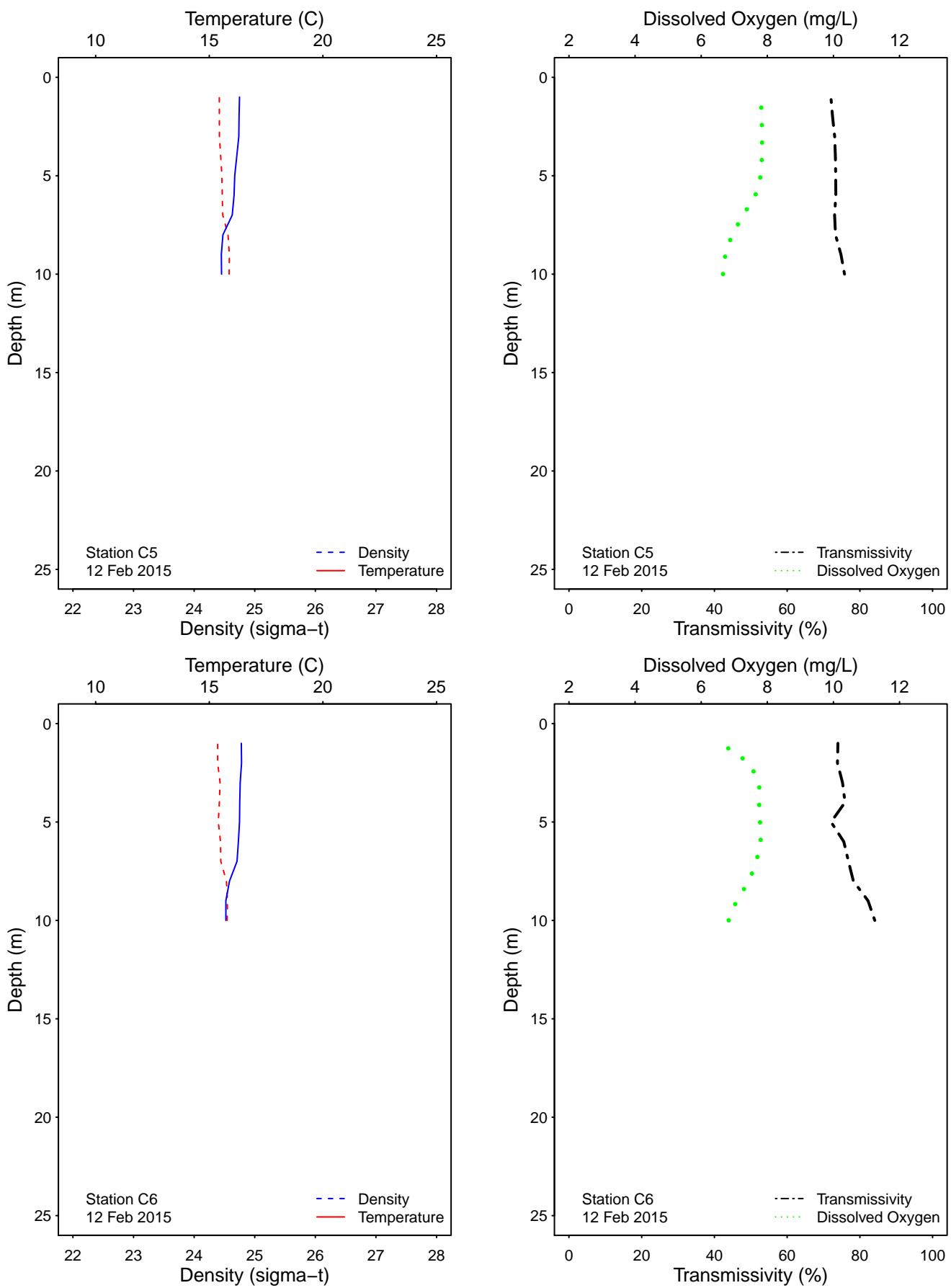


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

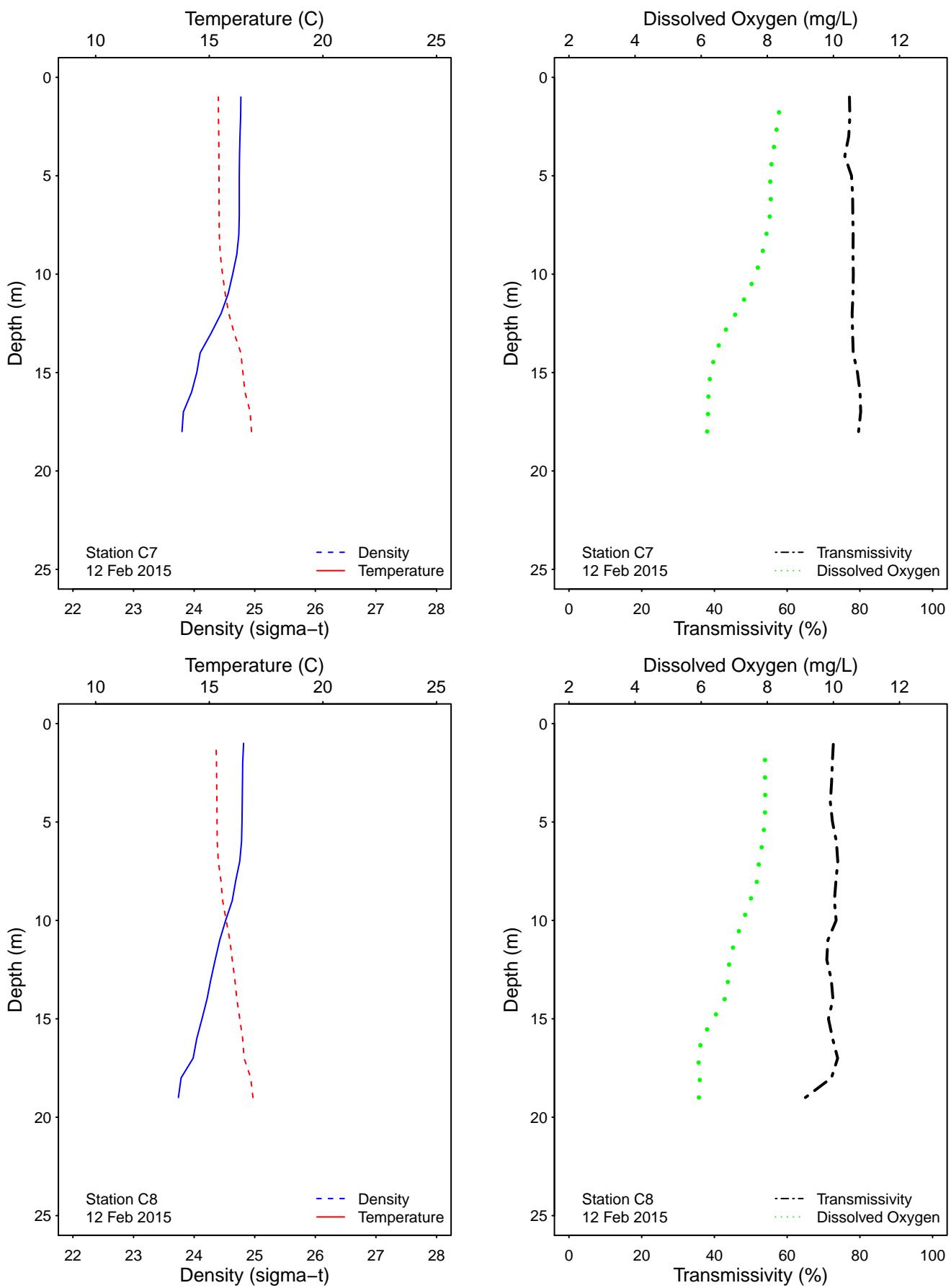


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

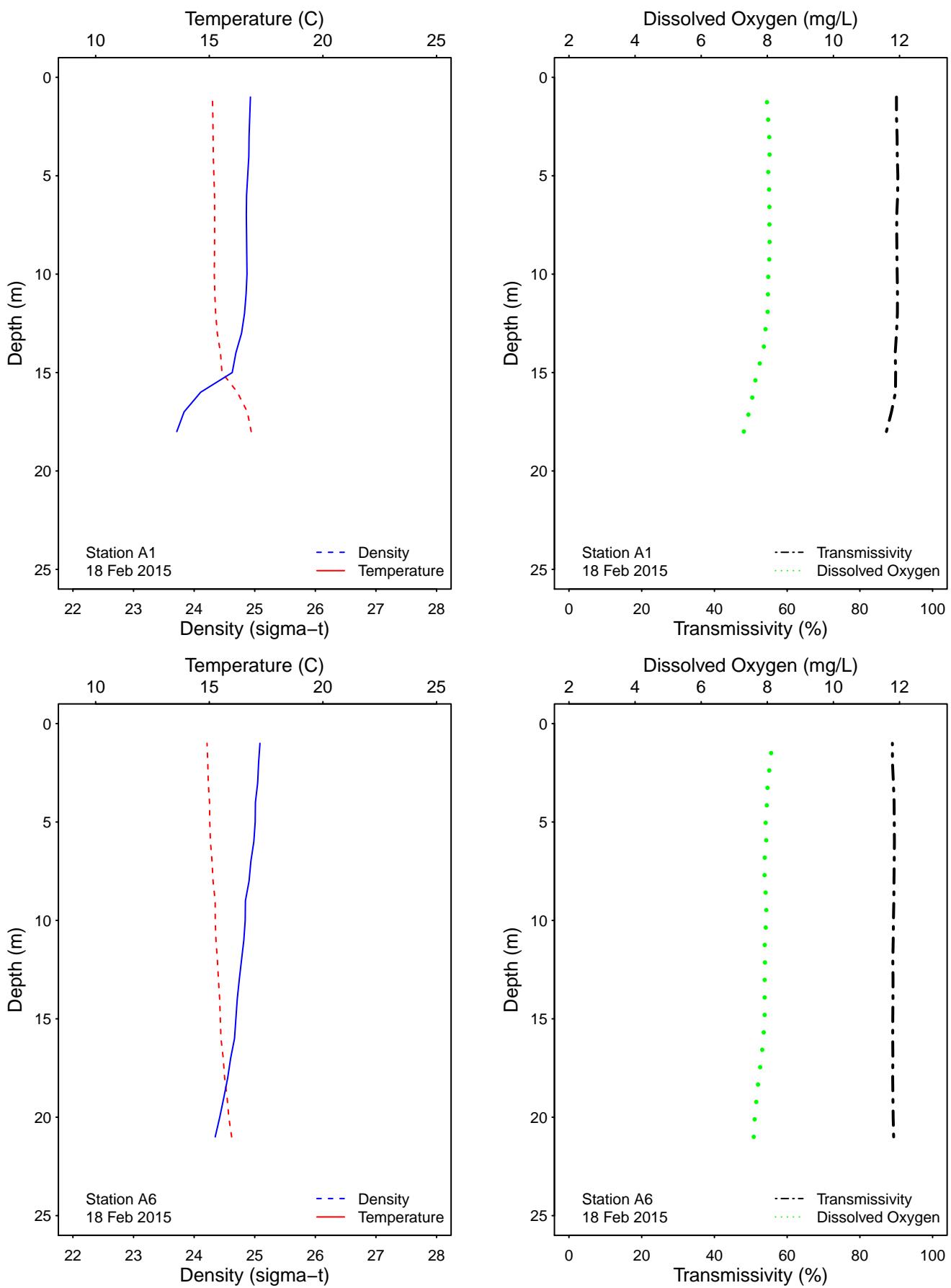


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

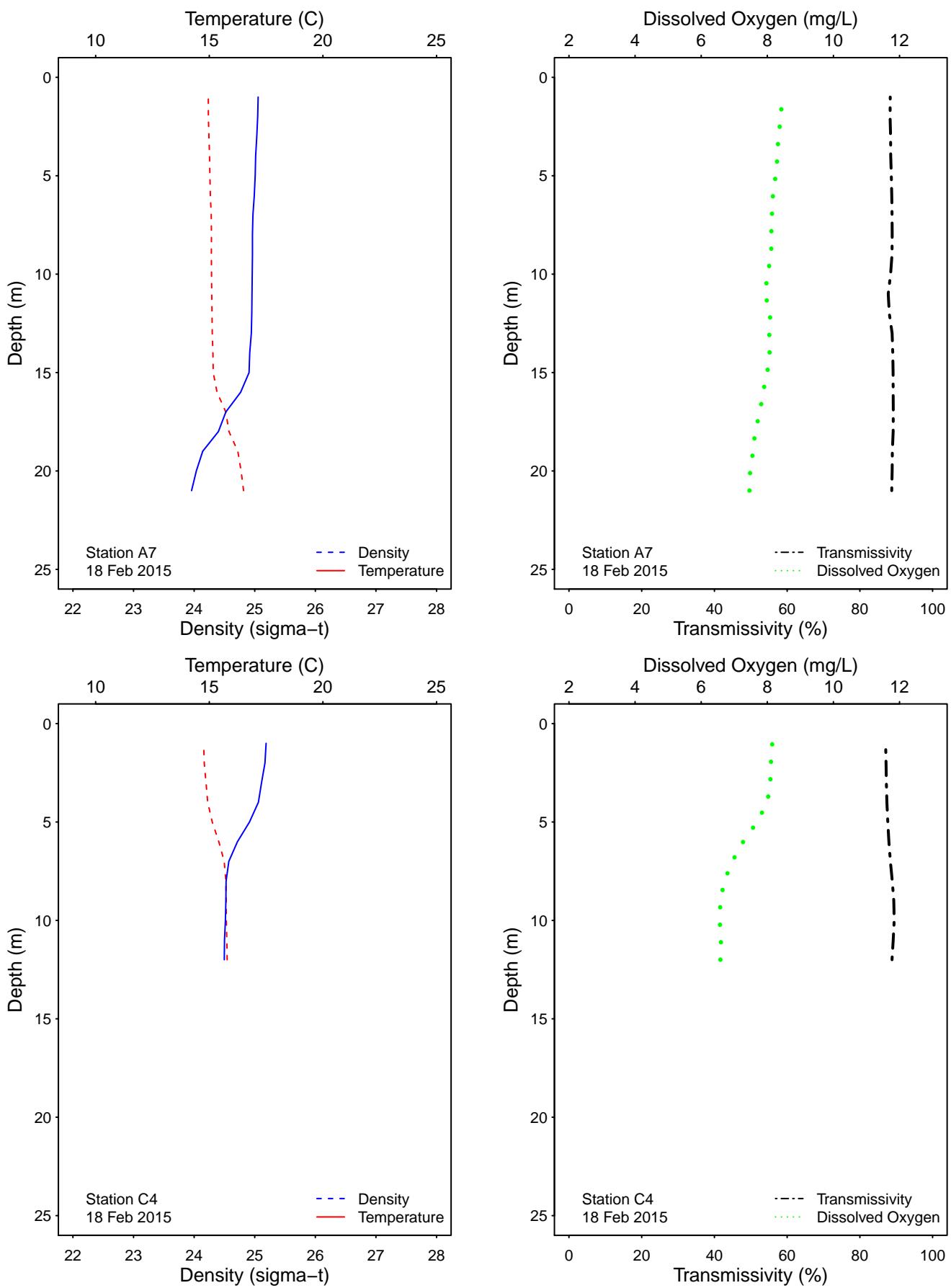


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

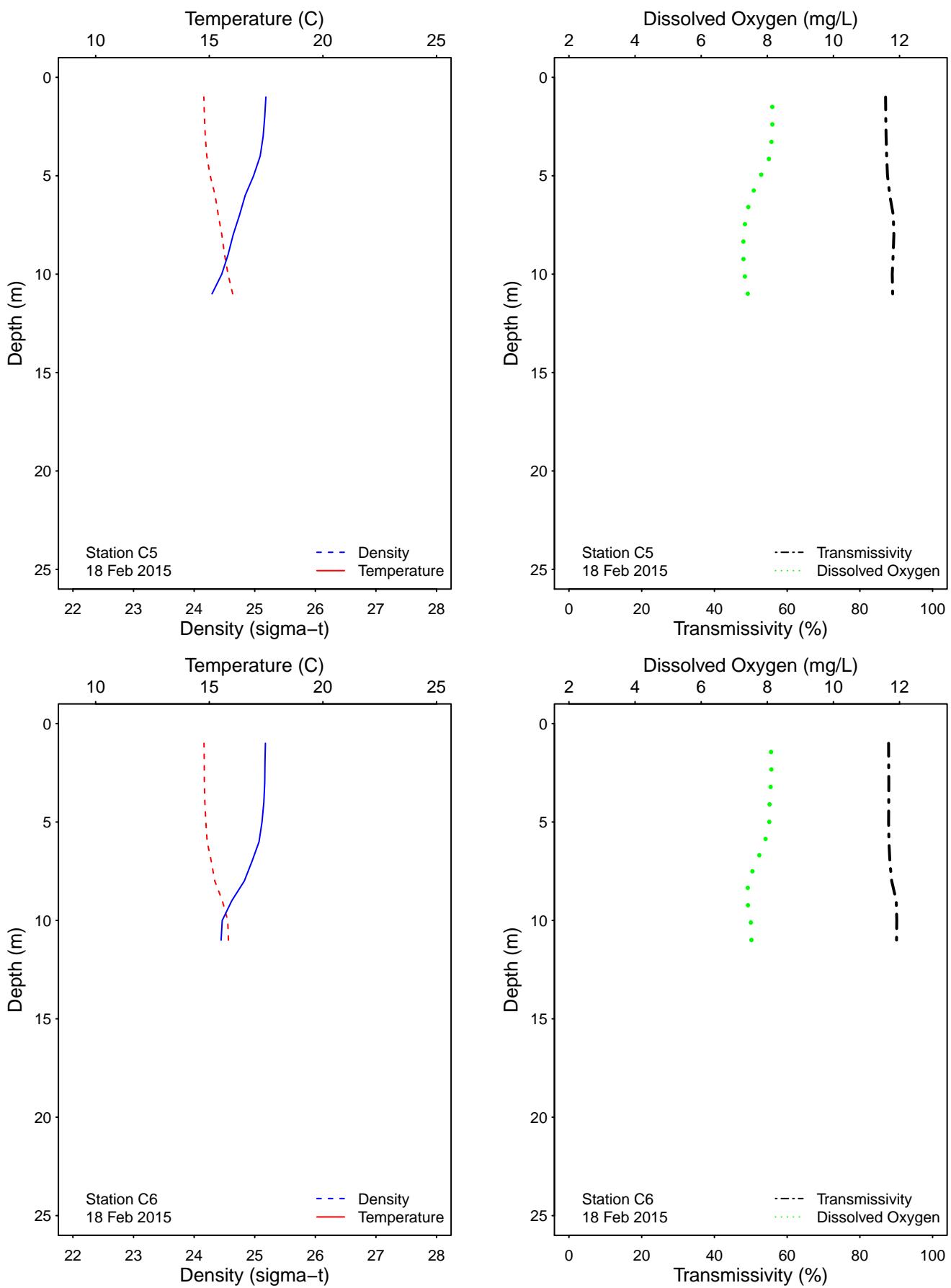


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

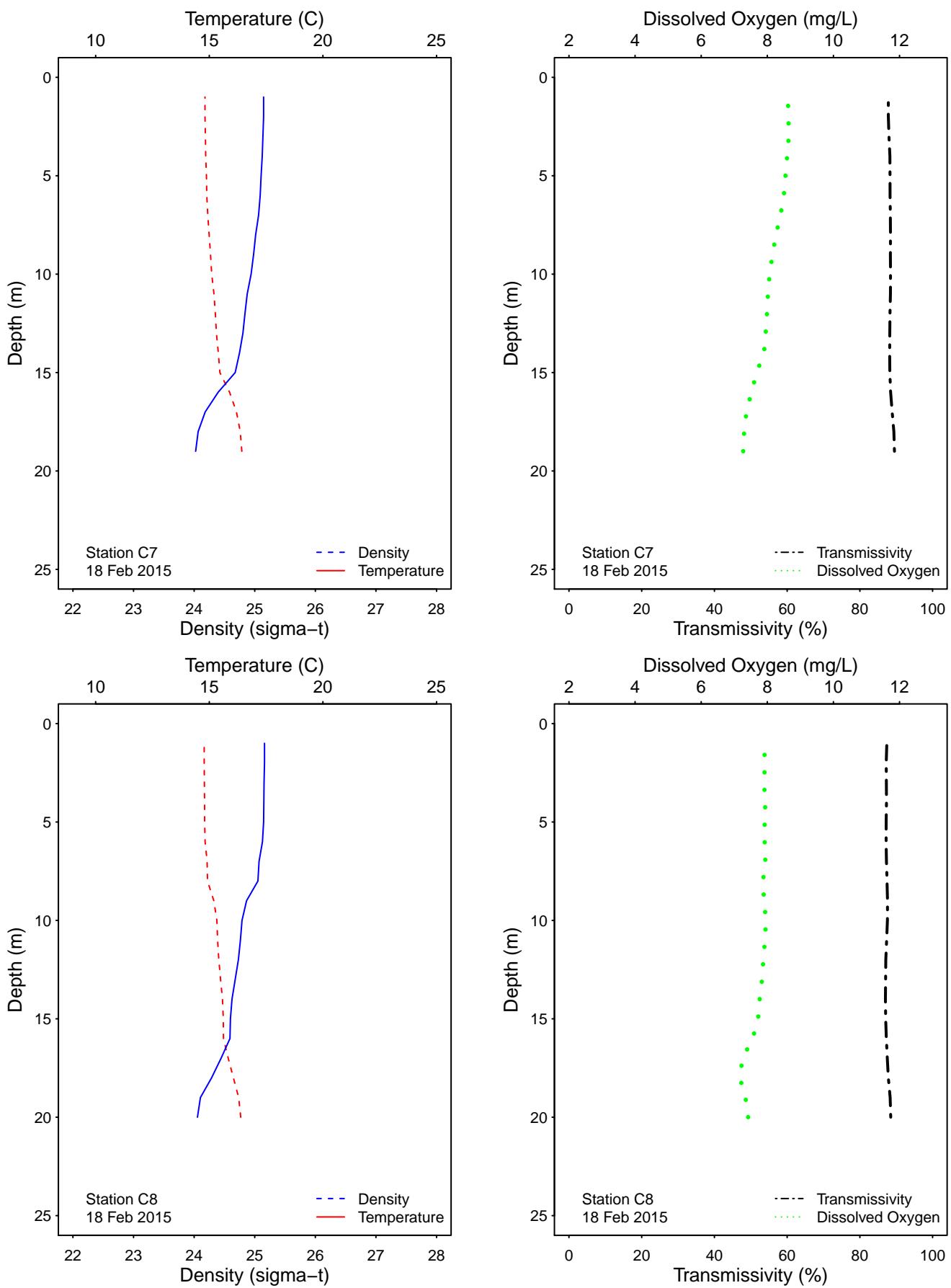


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

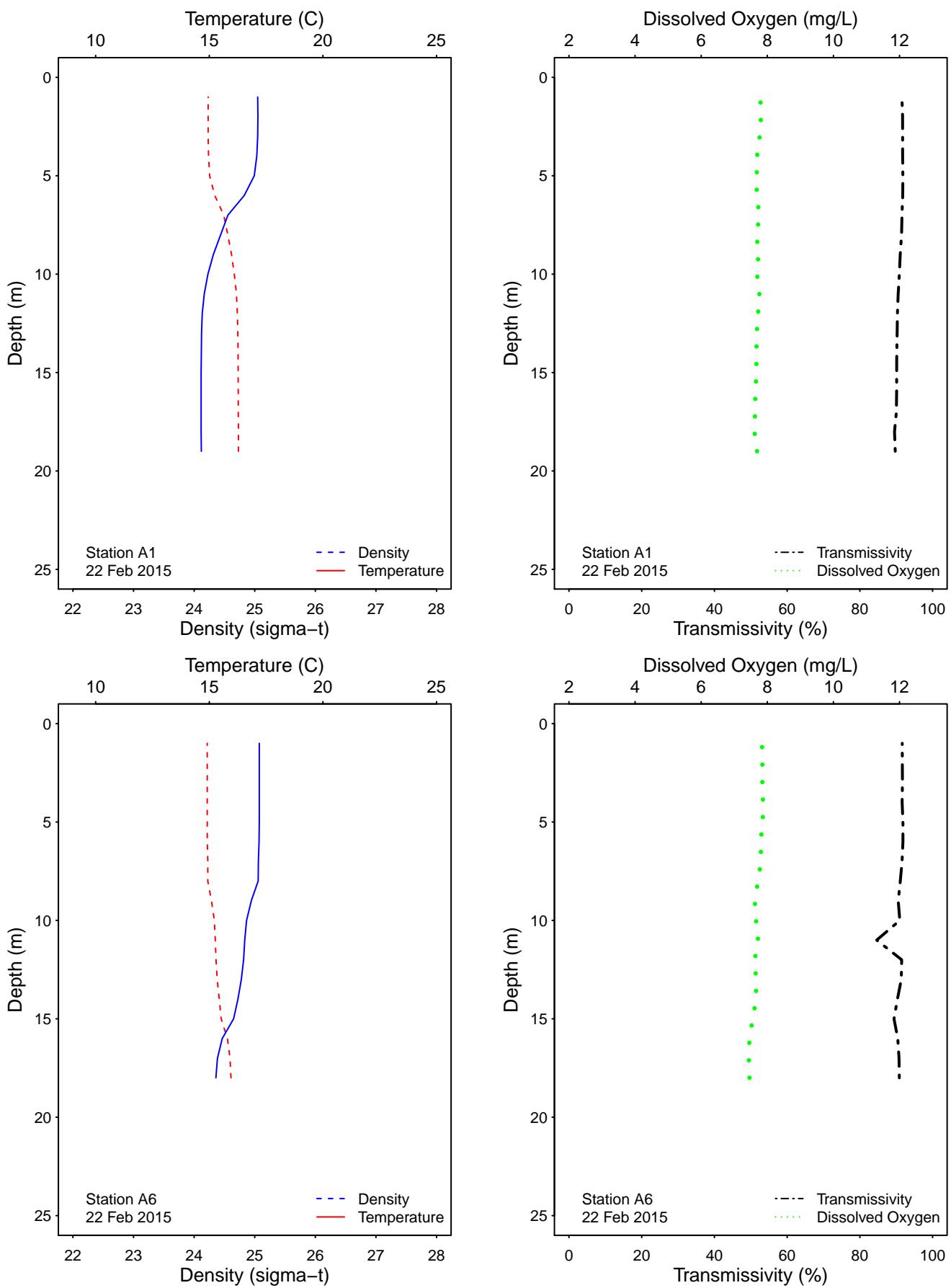


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

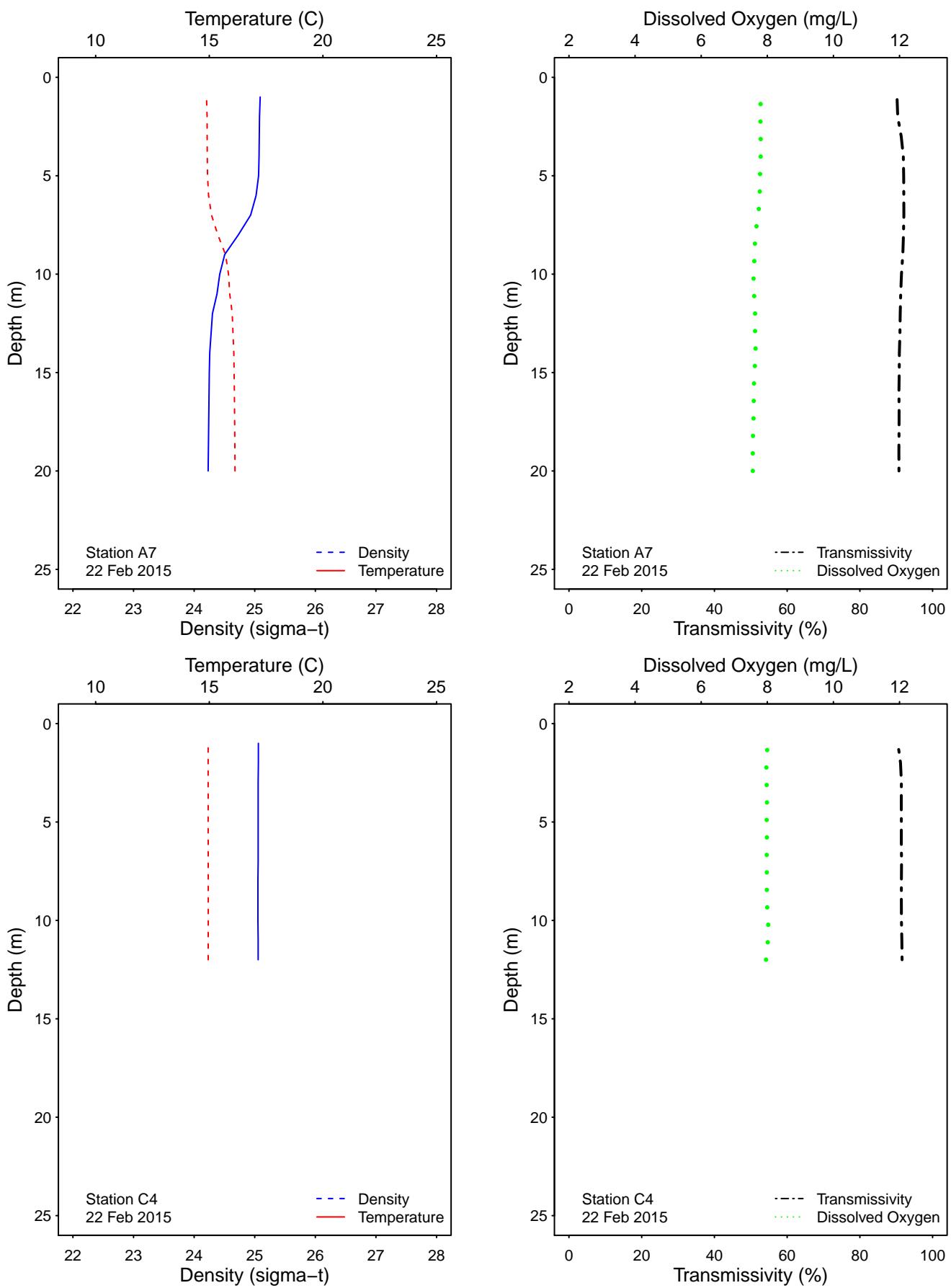


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

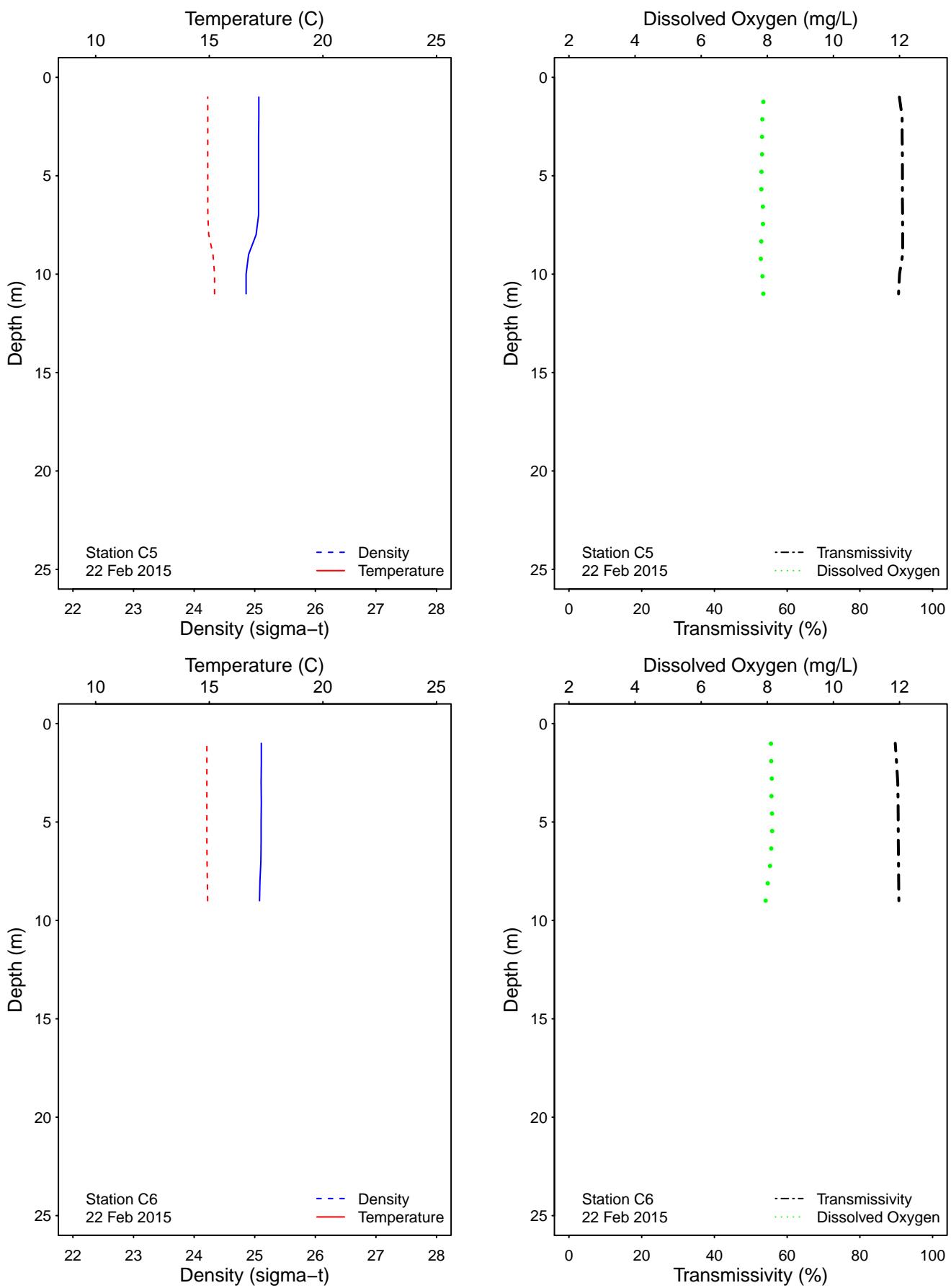


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

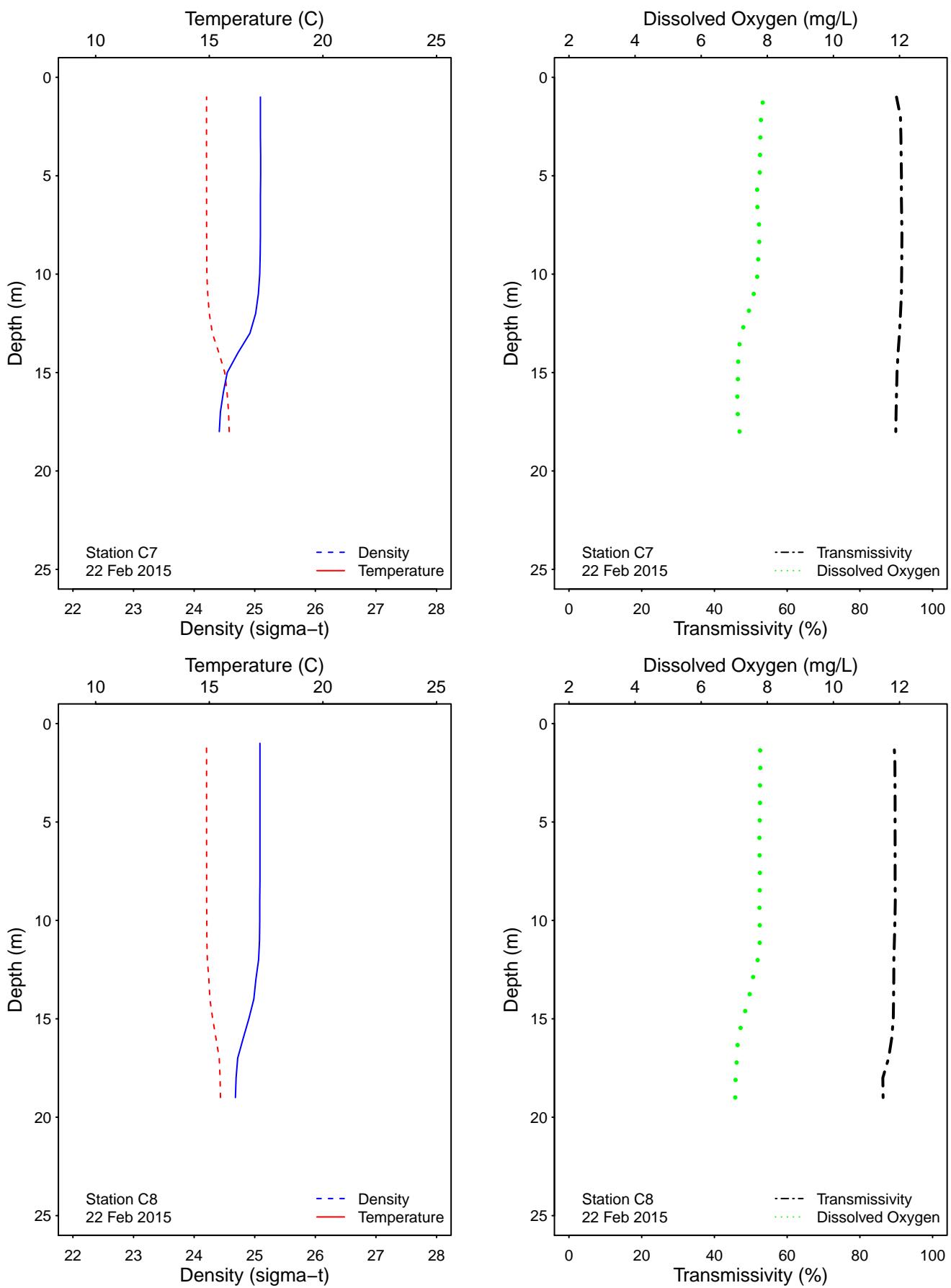


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

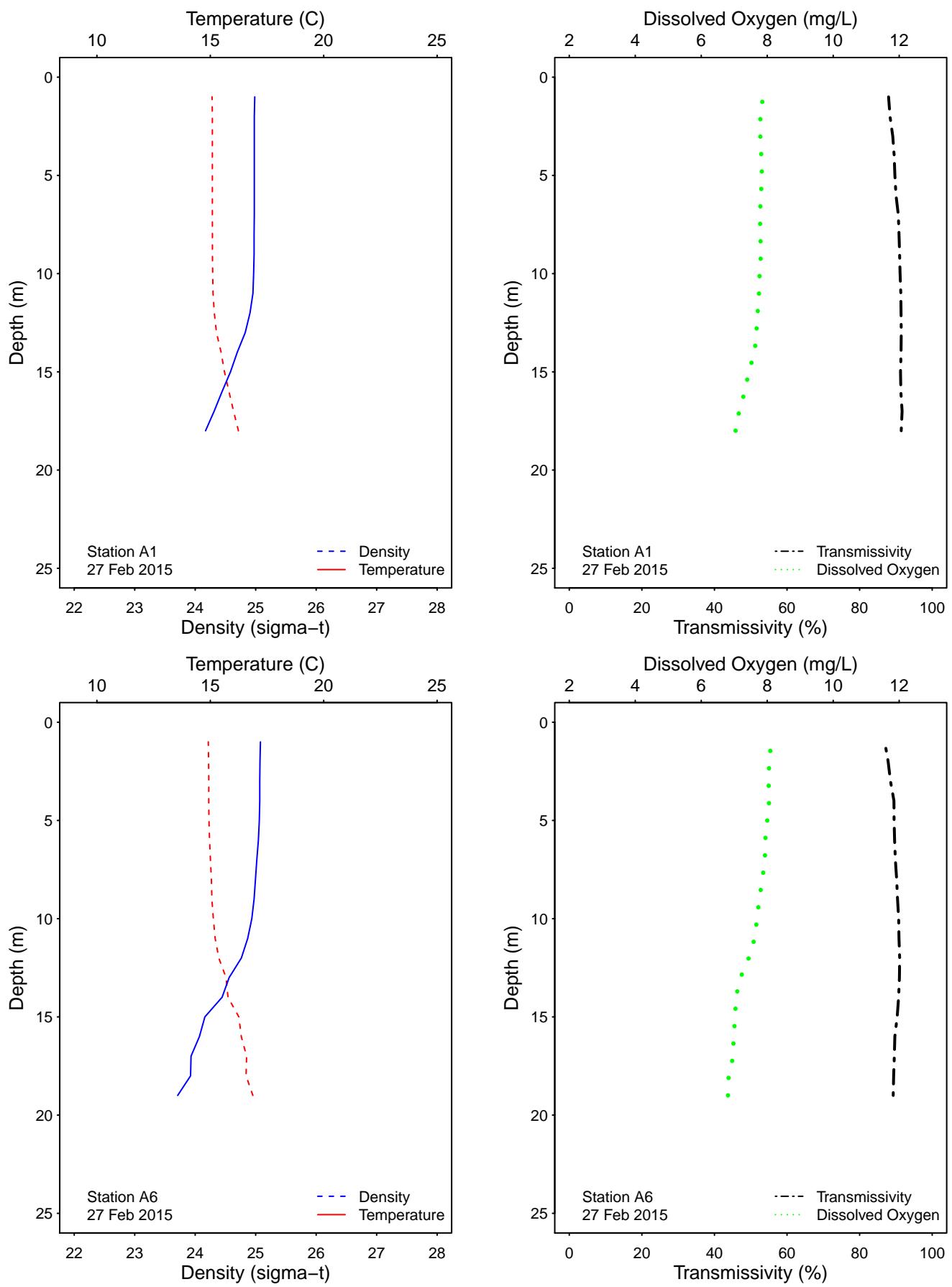


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

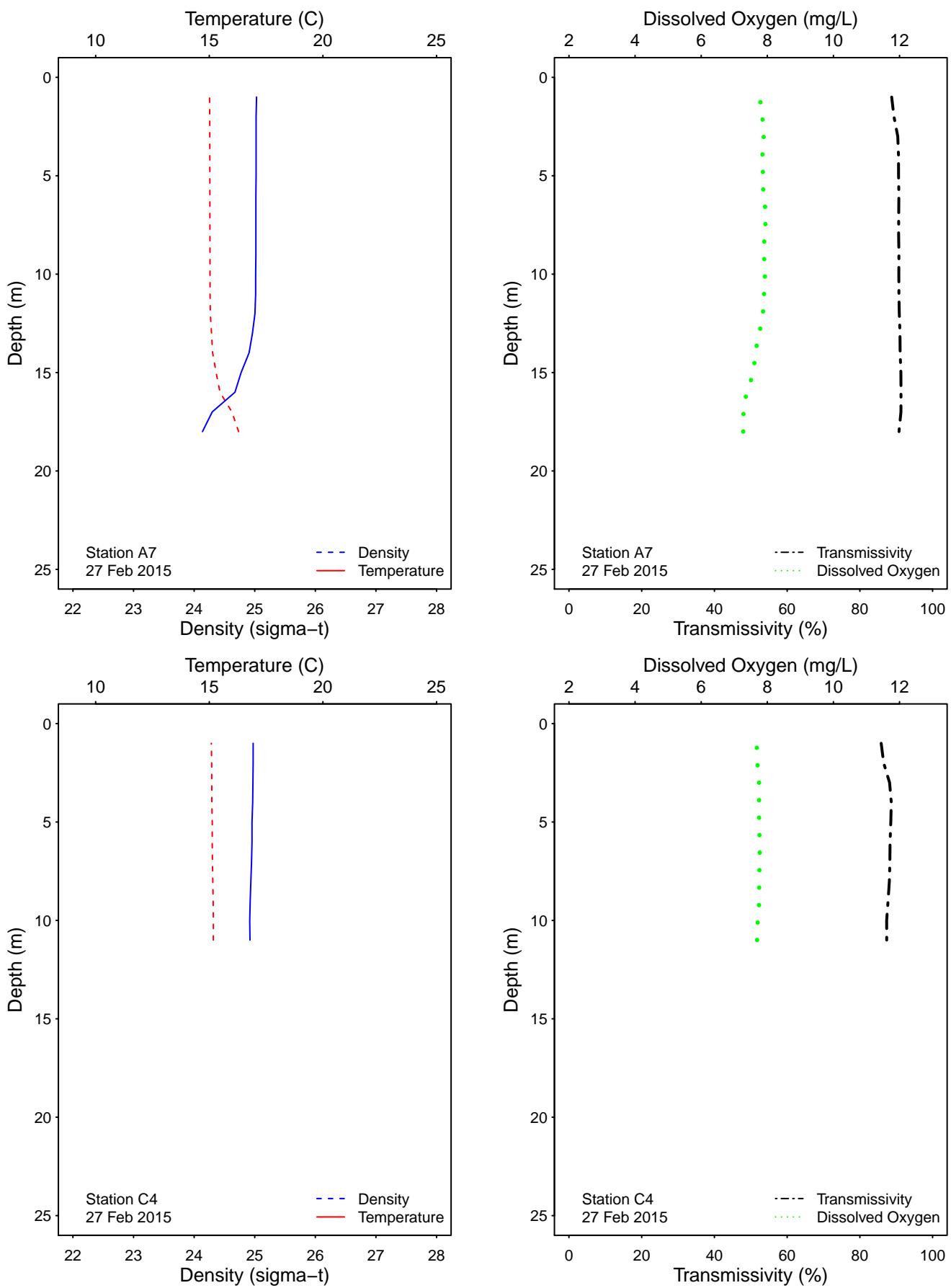


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

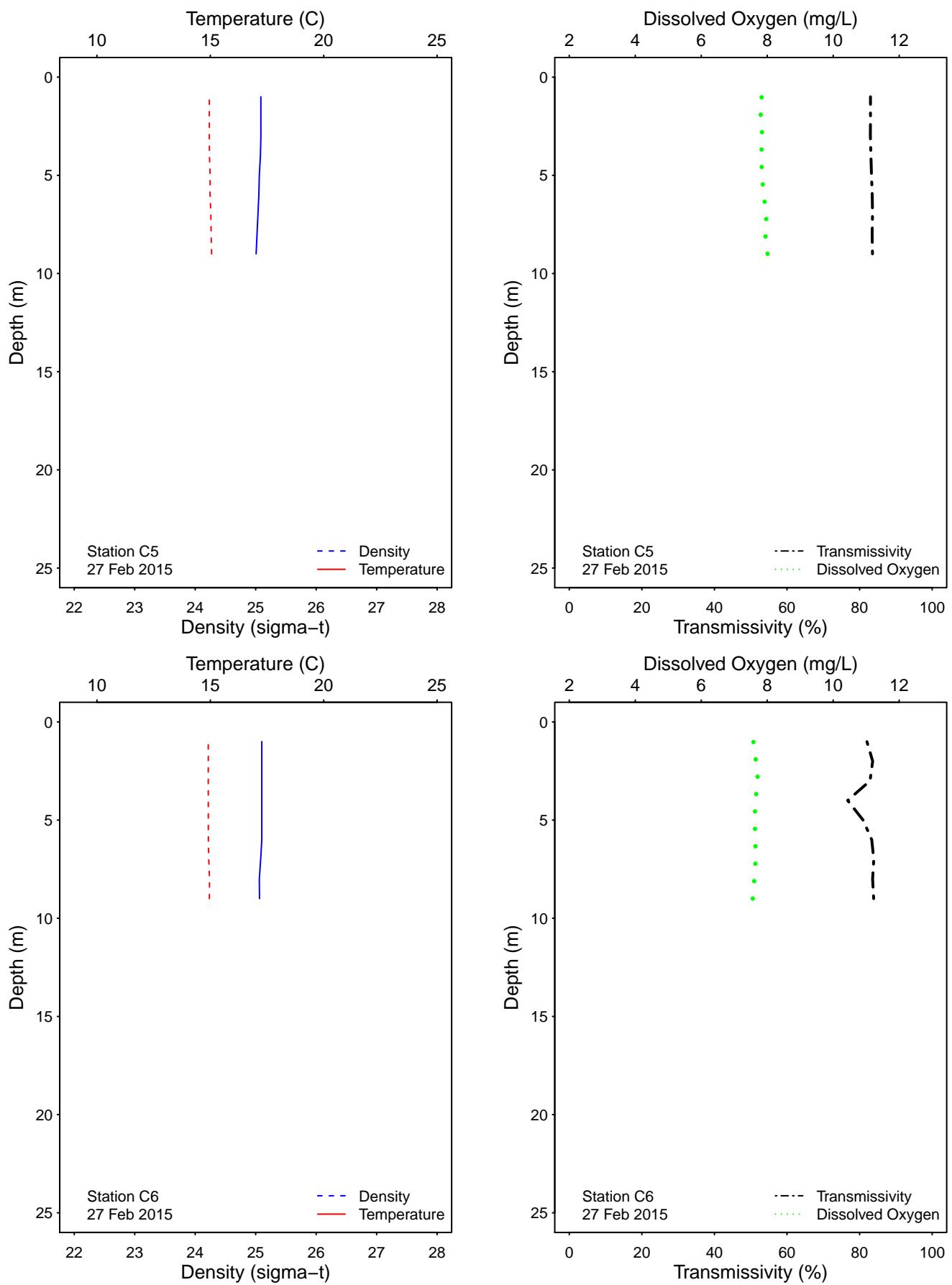


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

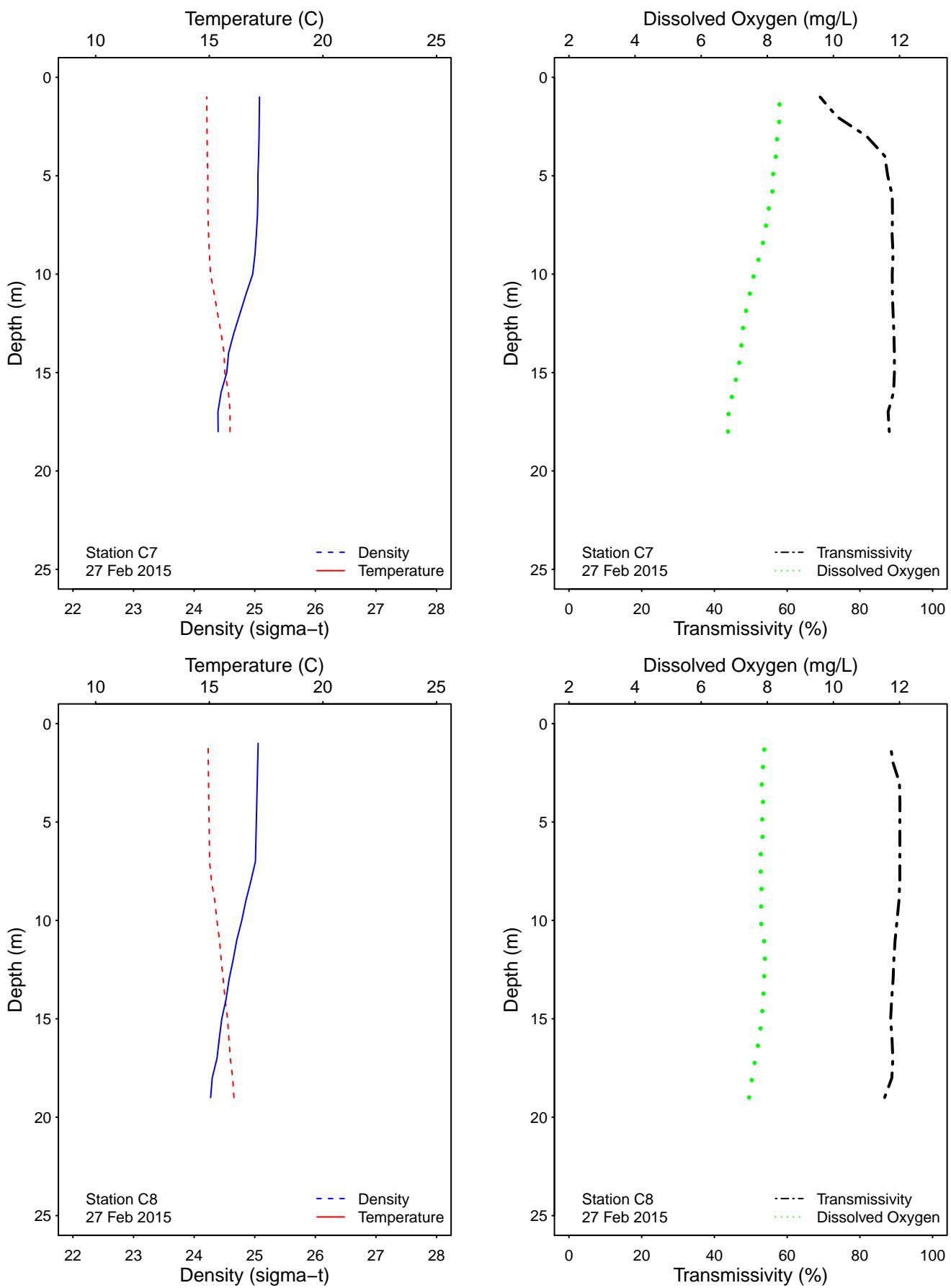


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

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# Offshore Stations



**Table 4.1**

Summary of compliance with the 2009 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
09 Feb 2015	IC	E	IC	IC	IC	ns	ns	ns							
10 Feb 2015	ns	IC	IC	IC											
11 Feb 2015	ns	E	ns	ns	ns	ns	ns	ns							
13 Feb 2015	ns	IC	ns	ns	ns	ns	ns	ns							

IC = In Compliance

E = Exceedance

ns = not sampled

**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; ammonium (N-NH<sub>3</sub>) values are reported as mL/L; values for temperature (Temp, °C), transmissivity (XMS, %), dissolved oxygen (DO, mg/L), salinity (Sal, ppt), pH, and CDOM ( $\mu\text{g}/\text{L}$ ) 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	N-NH <sub>3</sub>	Temp	XMS	DO	Sal	pH
F01	09 Feb 2015	1208	1	<2	<0.01	16.4	76.75	7.7	33.38	8.1
F01	09 Feb 2015	1208	12	<2	<0.01	14.7	79.01	7.1	33.32	8.1
F01	09 Feb 2015	1208	18	2e	<0.01	13.8	76.27	6.8	33.30	8.1
F02	09 Feb 2015	842	1	<2	<0.01	16.6	81.69	7.8	33.37	8.1
F02	09 Feb 2015	842	12	<2	<0.01	15.2	86.07	7.6	33.33	8.1
F02	09 Feb 2015	842	18	<2	<0.01	14.4	73.94	7.0	33.32	8.0
F03	09 Feb 2015	901	1	<2	<0.01	16.4	70.10	7.8	33.36	8.1
F03	09 Feb 2015	901	12	<2	0.01	15.6	83.30	7.6	33.36	8.1
F03	09 Feb 2015	901	18	<2	<0.01	14.6	69.50	7.0	33.33	8.1
F04	09 Feb 2015	1146	1	<2	ns	16.9	86.04	7.9	33.34	8.2
F04	09 Feb 2015	1146	25	<2	ns	14.8	86.21	7.5	33.30	8.1
F04	09 Feb 2015	1146	60	12e	ns	11.3	84.29	5.5	33.46	7.9
F05	09 Feb 2015	1137	1	<2	ns	16.9	85.94	8.0	33.34	8.2
F05	09 Feb 2015	1137	25	<2	ns	14.5	87.31	7.3	33.29	8.1
F05	09 Feb 2015	1137	60	6e	ns	11.4	82.83	5.6	33.45	7.9
F06	09 Feb 2015	1113	1	<2	<0.01	16.8	86.30	7.9	33.34	8.2
F06	09 Feb 2015	1113	25	2e	<0.01	13.5	88.86	7.0	33.25	8.1
F06	09 Feb 2015	1113	60	4e	<0.01	11.6	76.07	5.8	33.41	7.9
F07	09 Feb 2015	1057	1	2e	<0.01	16.9	86.54	8.0	33.35	8.2
F07	09 Feb 2015	1057	25	<2	<0.01	13.3	89.22	7.1	33.26	8.1
F07	09 Feb 2015	1057	60	6e	<0.01	11.7	80.97	6.0	33.37	8.0
F08	09 Feb 2015	1043	1	<2	<0.01	16.8	85.37	8.0	33.34	8.2
F08	09 Feb 2015	1043	25	4e	<0.01	13.5	88.91	6.9	33.29	8.1
F08	09 Feb 2015	1043	60	16e	<0.01	11.8	61.19	5.8	33.36	7.9
F09	09 Feb 2015	1033	1	<2	<0.01	16.8	85.60	8.0	33.34	8.2
F09	09 Feb 2015	1033	25	<2	<0.01	13.6	88.81	7.0	33.29	8.1
F09	09 Feb 2015	1033	60	22e	<0.01	11.6	68.64	5.6	33.39	7.9
F10	09 Feb 2015	1020	1	<2	<0.01	16.8	83.21	8.1	33.35	8.2
F10	09 Feb 2015	1020	25	<2	<0.01	13.9	87.92	6.9	33.30	8.1
F10	09 Feb 2015	1020	60	8e	<0.01	11.5	76.05	5.7	33.37	7.9
F11	09 Feb 2015	1007	1	<2	<0.01	16.8	84.79	7.9	33.34	8.2
F11	09 Feb 2015	1007	25	<2	<0.01	13.7	88.64	7.0	33.29	8.1
F11	09 Feb 2015	1007	60	140e	<0.01	11.5	78.26	5.6	33.38	7.9
F11	11 Feb 2015	819	60	120	ns	ns	ns	ns	ns	ns
F11	13 Feb 2015	840	60	8e	ns	ns	ns	ns	ns	ns

Station	Date	Time	Depth	Enter	N-NH3	Temp	XMS	DO	Sal	pH
F12	09 Feb 2015	952	1	<2	<0.01	16.8	85.19	7.9	33.34	8.2
F12	09 Feb 2015	952	25	<2	<0.01	13.9	87.80	7.0	33.30	8.1
F12	09 Feb 2015	952	60	22e	<0.01	11.7	74.06	5.8	33.38	7.9
F13	09 Feb 2015	939	1	<2	<0.01	16.8	83.83	7.9	33.34	8.2
F13	09 Feb 2015	939	25	<2	<0.01	14.5	85.53	7.2	33.29	8.1
F13	09 Feb 2015	939	60	34e	<0.01	11.7	70.33	5.8	33.37	7.9
F14	09 Feb 2015	926	1	<2	<0.01	16.7	82.66	7.9	33.34	8.2
F14	09 Feb 2015	926	25	<2	<0.01	14.9	85.97	7.4	33.31	8.1
F14	09 Feb 2015	926	60	2e	<0.01	11.8	58.29	5.8	33.37	7.9
F15	10 Feb 2015	1136	1	<2	ns	17.3	89.92	7.7	33.37	8.2
F15	10 Feb 2015	1136	25	<2	ns	15.7	89.04	7.9	33.32	8.2
F15	10 Feb 2015	1136	60	10e	ns	11.4	90.20	5.8	33.42	8.0
F15	10 Feb 2015	1136	80	4e	ns	10.8	84.70	5.0	33.56	7.9
F16	10 Feb 2015	1123	1	<2	ns	17.3	90.26	7.7	33.37	8.2
F16	10 Feb 2015	1123	25	<2	ns	15.6	88.53	7.9	33.30	8.2
F16	10 Feb 2015	1123	60	94	ns	11.5	90.12	5.9	33.40	8.0
F16	10 Feb 2015	1123	80	2e	ns	10.8	85.02	5.0	33.58	7.9
F17	10 Feb 2015	1109	1	<2	ns	17.1	89.42	7.8	33.37	8.2
F17	10 Feb 2015	1109	25	<2	ns	15.6	88.86	7.9	33.28	8.2
F17	10 Feb 2015	1109	60	34e	ns	11.4	90.20	5.7	33.41	7.9
F17	10 Feb 2015	1109	80	10e	ns	11.0	74.77	5.1	33.54	7.9
F18	10 Feb 2015	1053	1	<2	<0.01	17.1	87.79	7.8	33.36	8.2
F18	10 Feb 2015	1053	25	<2	<0.01	15.3	87.01	7.9	33.24	8.2
F18	10 Feb 2015	1053	60	10e	<0.01	11.3	90.19	5.5	33.44	7.9
F18	10 Feb 2015	1053	80	16e	<0.01	10.9	56.63	5.1	33.54	7.9
F19	10 Feb 2015	1037	1	<2	<0.01	17.2	89.51	7.8	33.37	8.2
F19	10 Feb 2015	1037	25	<2	<0.01	15.0	86.24	7.9	33.24	8.2
F19	10 Feb 2015	1037	60	10e	<0.01	11.6	87.65	5.8	33.40	7.9
F19	10 Feb 2015	1037	80	12e	<0.01	10.9	68.95	5.1	33.54	7.9
F20	10 Feb 2015	1024	1	<2	0.02	17.1	89.90	7.8	33.39	8.2
F20	10 Feb 2015	1024	25	<2	<0.01	15.2	86.74	7.8	33.26	8.2
F20	10 Feb 2015	1024	60	14e	0.01	11.5	88.99	5.8	33.40	8.0
F20	10 Feb 2015	1024	80	40	0.01	10.9	63.49	5.1	33.52	7.9
F21	10 Feb 2015	1009	1	<2	ns	17.1	89.70	7.8	33.39	8.2
F21	10 Feb 2015	1009	25	<2	ns	15.4	88.07	7.8	33.26	8.2
F21	10 Feb 2015	1009	60	24e	ns	11.4	89.69	5.8	33.42	7.9
F21	10 Feb 2015	1009	80	58	ns	10.7	83.67	4.9	33.57	7.8
F22	10 Feb 2015	955	1	<2	ns	17.0	88.87	7.8	33.38	8.2
F22	10 Feb 2015	955	25	<2	ns	15.7	89.25	8.0	33.27	8.2
F22	10 Feb 2015	955	60	28e	ns	11.3	89.95	5.6	33.43	7.9
F22	10 Feb 2015	955	80	14e	ns	10.7	76.46	4.9	33.57	7.8
F23	10 Feb 2015	941	1	<2	ns	16.9	88.33	7.8	33.38	8.2
F23	10 Feb 2015	941	25	<2	ns	15.1	87.68	8.0	33.24	8.2
F23	10 Feb 2015	941	60	<2	ns	11.2	87.94	5.7	33.45	7.9
F23	10 Feb 2015	941	80	12e	ns	10.8	78.75	5.0	33.57	7.9
F24	10 Feb 2015	918	1	<2	ns	16.9	88.14	7.8	33.37	8.2

Station	Date	Time	Depth	Enterο	N-NH3	Temp	XMS	DO	Sal	pH
F24	10 Feb 2015	918	25	<2	ns	15.8	89.83	8.0	33.31	8.2
F24	10 Feb 2015	918	60	<2	ns	11.7	88.20	6.2	33.37	8.0
F24	10 Feb 2015	918	80	26e	ns	11.0	75.48	5.0	33.53	7.9
F25	10 Feb 2015	904	1	<2	ns	16.9	89.35	7.8	33.37	8.1
F25	10 Feb 2015	904	25	<2	ns	16.0	89.45	8.0	33.34	8.1
F25	10 Feb 2015	904	60	<2	ns	11.4	90.29	6.0	33.40	7.9
F25	10 Feb 2015	904	80	<2	ns	10.8	78.61	5.5	33.50	7.8
F26	11 Feb 2015	1108	1	<2	ns	17.3	90.40	7.8	33.35	8.2
F26	11 Feb 2015	1108	25	<2	ns	16.1	90.23	7.9	33.24	8.2
F26	11 Feb 2015	1108	60	4e	ns	12.1	90.21	6.6	33.31	8.0
F26	11 Feb 2015	1108	80	14e	ns	10.7	90.63	5.1	33.57	7.9
F26	11 Feb 2015	1108	98	2e	ns	10.1	89.00	4.2	33.75	7.8
F27	11 Feb 2015	1054	1	<2	ns	17.1	90.36	7.8	33.35	8.2
F27	11 Feb 2015	1054	25	<2	ns	16.4	90.31	7.9	33.27	8.2
F27	11 Feb 2015	1054	60	<2	ns	11.8	90.42	6.4	33.33	8.0
F27	11 Feb 2015	1054	80	16e	ns	10.7	90.68	5.0	33.59	7.9
F27	11 Feb 2015	1054	98	<2	ns	10.1	89.62	4.3	33.74	7.8
F28	11 Feb 2015	1041	1	<2	ns	17.1	90.45	7.8	33.36	8.2
F28	11 Feb 2015	1041	25	2e	ns	15.7	89.97	8.1	33.28	8.2
F28	11 Feb 2015	1041	60	<2	ns	11.7	90.58	6.3	33.35	8.0
F28	11 Feb 2015	1041	80	6e	ns	10.7	90.49	5.0	33.59	7.9
F28	11 Feb 2015	1041	98	4e	ns	10.2	89.69	4.4	33.71	7.8
F29	11 Feb 2015	1026	1	<2	ns	17.3	89.86	7.8	33.39	8.2
F29	11 Feb 2015	1026	25	<2	ns	16.0	90.13	8.0	33.29	8.2
F29	11 Feb 2015	1026	60	<2	ns	11.6	90.88	6.4	33.32	8.0
F29	11 Feb 2015	1026	80	4e	ns	10.8	87.22	5.0	33.54	7.9
F29	11 Feb 2015	1026	98	8e	ns	10.3	83.83	4.5	33.68	7.8
F30	11 Feb 2015	1012	1	4e	ns	17.1	89.93	7.8	33.38	8.2
F30	11 Feb 2015	1012	25	<2	ns	15.9	89.66	8.1	33.30	8.2
F30	11 Feb 2015	1012	60	4e	ns	11.5	90.41	6.0	33.38	8.0
F30	11 Feb 2015	1012	80	540	ns	10.8	88.65	5.1	33.50	7.9
F30	11 Feb 2015	1012	98	140e	ns	10.4	87.06	4.6	33.65	7.8
F31	11 Feb 2015	1001	1	<2	ns	17.0	89.78	7.8	33.38	8.2
F31	11 Feb 2015	1001	25	<2	ns	15.9	89.60	8.2	33.30	8.2
F31	11 Feb 2015	1001	60	<2	ns	11.6	89.57	6.2	33.35	8.0
F31	11 Feb 2015	1001	80	12e	ns	10.6	90.17	4.9	33.59	7.9
F31	11 Feb 2015	1001	98	4e	ns	10.3	86.85	4.5	33.69	7.8
F32	11 Feb 2015	948	1	<2	ns	17.1	90.04	7.8	33.38	8.2
F32	11 Feb 2015	948	25	<2	ns	15.8	89.46	8.1	33.30	8.2
F32	11 Feb 2015	948	60	<2	ns	11.6	89.01	6.2	33.36	8.0
F32	11 Feb 2015	948	80	<2	ns	10.6	90.51	5.2	33.56	7.9
F32	11 Feb 2015	948	98	4e	ns	10.3	87.85	4.5	33.68	7.8
F33	11 Feb 2015	934	1	<2	ns	17.1	88.23	7.8	33.38	8.2
F33	11 Feb 2015	934	25	<2	ns	15.8	89.41	8.1	33.30	8.2
F33	11 Feb 2015	934	60	<2	ns	11.5	89.23	6.1	33.38	8.0
F33	11 Feb 2015	934	80	14e	ns	10.7	90.10	5.0	33.58	7.9
F33	11 Feb 2015	934	98	<2	ns	10.3	89.66	4.6	33.67	7.8
F34	11 Feb 2015	920	1	<2	ns	17.1	90.09	7.8	33.38	8.2

Station	Date	Time	Depth	Enterο	N-NH3	Temp	XMS	DO	Sal	pH
F34	11 Feb 2015	920	25	2e	ns	16.0	90.07	8.1	33.31	8.2
F34	11 Feb 2015	920	60	<2	ns	11.7	90.59	6.6	33.29	8.0
F34	11 Feb 2015	920	80	16e	ns	10.8	87.55	4.9	33.56	7.9
F34	11 Feb 2015	920	98	4e	ns	10.3	88.76	4.5	33.68	7.8
F35	11 Feb 2015	908	1	<2	ns	17.0	89.93	7.8	33.35	8.2
F35	11 Feb 2015	908	25	<2	ns	16.5	90.41	7.8	33.31	8.2
F35	11 Feb 2015	908	60	<2	ns	12.1	90.85	6.8	33.27	8.0
F35	11 Feb 2015	908	80	<2	ns	11.0	90.53	5.5	33.49	7.9
F35	11 Feb 2015	908	98	<2	ns	10.3	88.07	4.4	33.69	7.8
F36	11 Feb 2015	853	1	<2	ns	17.0	89.09	7.8	33.34	8.2
F36	11 Feb 2015	853	25	<2	ns	16.4	90.29	7.8	33.34	8.2
F36	11 Feb 2015	853	60	<2	ns	12.4	90.68	6.7	33.33	8.0
F36	11 Feb 2015	853	80	<2	ns	11.0	91.19	6.2	33.39	8.0
F36	11 Feb 2015	853	98	<2	ns	10.4	89.91	4.9	33.62	7.8

ns = not sampled

## Comments

Station	Date	Depth	Parameter	Comments
F11	11 Feb 2015	60		Resample
F11	13 Feb 2015	60		Resample

**Table 4.3**

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

<b>Station</b>	<b>Date</b>	<b>Parameter</b>	<b>Value</b>
F01	09 Feb 2015	Depth (m)	21
F01	09 Feb 2015	Arrive Time	1208
F01	09 Feb 2015	Depart Time	1211
F01	09 Feb 2015	Air Temp (C)	16
F01	09 Feb 2015	Weather	Fog
F01	09 Feb 2015	Visibility (mi)	2
F01	09 Feb 2015	Wind Speed (kts)	9
F01	09 Feb 2015	Wind Dir	SW
F01	09 Feb 2015	Water Color	Greenish-Blue
F01	09 Feb 2015	Wave Ht Low (ft)	6
F01	09 Feb 2015	Wave Period (sec)	13
F01	09 Feb 2015	Sea State	Light chop
F01	09 Feb 2015	High Tide (ft)	3.45
F01	09 Feb 2015	High Tide Time	1137
F01	09 Feb 2015	Low Tide (ft)	1.57
F01	09 Feb 2015	Low Tide Time	608
F01	09 Feb 2015	Comments	Kelp debris
F02	09 Feb 2015	Depth (m)	20
F02	09 Feb 2015	Arrive Time	842
F02	09 Feb 2015	Depart Time	846
F02	09 Feb 2015	Air Temp (C)	16
F02	09 Feb 2015	Weather	Fog
F02	09 Feb 2015	Visibility (mi)	3
F02	09 Feb 2015	Wind Speed (kts)	3
F02	09 Feb 2015	Wind Dir	NE
F02	09 Feb 2015	Water Color	Greenish-Blue
F02	09 Feb 2015	Wave Ht Low (ft)	6
F02	09 Feb 2015	Wave Period (sec)	13
F02	09 Feb 2015	Sea State	Calm
F02	09 Feb 2015	High Tide (ft)	3.45
F02	09 Feb 2015	High Tide Time	1137
F02	09 Feb 2015	Low Tide (ft)	1.57
F02	09 Feb 2015	Low Tide Time	608
F02	09 Feb 2015	Comments	
F03	09 Feb 2015	Depth (m)	19
F03	09 Feb 2015	Arrive Time	901
F03	09 Feb 2015	Depart Time	909
F03	09 Feb 2015	Air Temp (C)	16
F03	09 Feb 2015	Weather	Fog
F03	09 Feb 2015	Visibility (mi)	3
F03	09 Feb 2015	Wind Speed (kts)	6
F03	09 Feb 2015	Wind Dir	S

Station	Date	Parameter	Value
F03	09 Feb 2015	Water Color	Greenish-Blue
	09 Feb 2015	Wave Ht Low (ft)	6
	09 Feb 2015	Wave Period (sec)	13
	09 Feb 2015	Sea State	Calm
	09 Feb 2015	High Tide (ft)	3.45
	09 Feb 2015	High Tide Time	1137
	09 Feb 2015	Low Tide (ft)	1.57
	09 Feb 2015	Low Tide Time	608
	09 Feb 2015	Comments	
F04	09 Feb 2015	Depth (m)	62
	09 Feb 2015	Arrive Time	1146
	09 Feb 2015	Depart Time	1152
	09 Feb 2015	Air Temp (C)	16
	09 Feb 2015	Weather	Fog
	09 Feb 2015	Visibility (mi)	2
	09 Feb 2015	Wind Speed (kts)	9
	09 Feb 2015	Wind Dir	NW
	09 Feb 2015	Water Color	Greenish-Blue
	09 Feb 2015	Wave Ht Low (ft)	6
	09 Feb 2015	Wave Period (sec)	13
	09 Feb 2015	Sea State	Light chop
	09 Feb 2015	High Tide (ft)	3.45
	09 Feb 2015	High Tide Time	1137
F04	09 Feb 2015	Low Tide (ft)	1.57
	09 Feb 2015	Low Tide Time	608
	09 Feb 2015	Comments	
F05	09 Feb 2015	Depth (m)	63
	09 Feb 2015	Arrive Time	1137
	09 Feb 2015	Depart Time	1140
	09 Feb 2015	Air Temp (C)	16
	09 Feb 2015	Weather	Fog
	09 Feb 2015	Visibility (mi)	1
	09 Feb 2015	Wind Speed (kts)	5
	09 Feb 2015	Wind Dir	W
	09 Feb 2015	Water Color	Greenish-Blue
	09 Feb 2015	Wave Ht Low (ft)	6
	09 Feb 2015	Wave Period (sec)	13
	09 Feb 2015	Sea State	Light chop
	09 Feb 2015	High Tide (ft)	3.45
	09 Feb 2015	High Tide Time	1137
F05	09 Feb 2015	Low Tide (ft)	1.57
	09 Feb 2015	Low Tide Time	608
	09 Feb 2015	Comments	
F06	09 Feb 2015	Depth (m)	63
	09 Feb 2015	Arrive Time	1113
	09 Feb 2015	Depart Time	1118

Station	Date	Parameter	Value
F06	09 Feb 2015	Air Temp (C)	16
F06	09 Feb 2015	Weather	Fog
F06	09 Feb 2015	Visibility (mi)	1
F06	09 Feb 2015	Wind Speed (kts)	7
F06	09 Feb 2015	Wind Dir	NW
F06	09 Feb 2015	Water Color	Greenish-Blue
F06	09 Feb 2015	Wave Ht Low (ft)	6
F06	09 Feb 2015	Wave Period (sec)	13
F06	09 Feb 2015	Sea State	Light chop
F06	09 Feb 2015	High Tide (ft)	3.45
F06	09 Feb 2015	High Tide Time	1137
F06	09 Feb 2015	Low Tide (ft)	1.57
F06	09 Feb 2015	Low Tide Time	608
F06	09 Feb 2015	Comments	
F07	09 Feb 2015	Depth (m)	66
F07	09 Feb 2015	Arrive Time	1057
F07	09 Feb 2015	Depart Time	1106
F07	09 Feb 2015	Air Temp (C)	16
F07	09 Feb 2015	Weather	Fog
F07	09 Feb 2015	Visibility (mi)	1
F07	09 Feb 2015	Wind Speed (kts)	16
F07	09 Feb 2015	Wind Dir	E
F07	09 Feb 2015	Water Color	Greenish-Blue
F07	09 Feb 2015	Wave Ht Low (ft)	6
F07	09 Feb 2015	Wave Period (sec)	13
F07	09 Feb 2015	Sea State	Light chop
F07	09 Feb 2015	High Tide (ft)	3.45
F07	09 Feb 2015	High Tide Time	1137
F07	09 Feb 2015	Low Tide (ft)	1.57
F07	09 Feb 2015	Low Tide Time	608
F07	09 Feb 2015	Comments	
F08	09 Feb 2015	Depth (m)	63
F08	09 Feb 2015	Arrive Time	1043
F08	09 Feb 2015	Depart Time	1049
F08	09 Feb 2015	Air Temp (C)	16
F08	09 Feb 2015	Weather	Fog
F08	09 Feb 2015	Visibility (mi)	1
F08	09 Feb 2015	Wind Speed (kts)	13
F08	09 Feb 2015	Wind Dir	N
F08	09 Feb 2015	Water Color	Greenish-Blue
F08	09 Feb 2015	Wave Ht Low (ft)	6
F08	09 Feb 2015	Wave Period (sec)	13
F08	09 Feb 2015	Sea State	Light chop
F08	09 Feb 2015	High Tide (ft)	3.45
F08	09 Feb 2015	High Tide Time	1137
F08	09 Feb 2015	Low Tide (ft)	1.57
F08	09 Feb 2015	Low Tide Time	608

Station	Date	Parameter	Value
F08	09 Feb 2015	Comments	
F09	09 Feb 2015	Depth (m)	63
F09	09 Feb 2015	Arrive Time	1033
F09	09 Feb 2015	Depart Time	1038
F09	09 Feb 2015	Air Temp (C)	16
F09	09 Feb 2015	Weather	Fog
F09	09 Feb 2015	Visibility (mi)	1
F09	09 Feb 2015	Wind Speed (kts)	10
F09	09 Feb 2015	Wind Dir	SW
F09	09 Feb 2015	Water Color	Greenish-Blue
F09	09 Feb 2015	Wave Ht Low (ft)	6
F09	09 Feb 2015	Wave Period (sec)	13
F09	09 Feb 2015	Sea State	Light chop
F09	09 Feb 2015	High Tide (ft)	3.45
F09	09 Feb 2015	High Tide Time	1137
F09	09 Feb 2015	Low Tide (ft)	1.57
F09	09 Feb 2015	Low Tide Time	608
F09	09 Feb 2015	Comments	Kelp debris
F10	09 Feb 2015	Depth (m)	63
F10	09 Feb 2015	Arrive Time	1020
F10	09 Feb 2015	Depart Time	1025
F10	09 Feb 2015	Air Temp (C)	16
F10	09 Feb 2015	Weather	Fog
F10	09 Feb 2015	Visibility (mi)	1
F10	09 Feb 2015	Wind Speed (kts)	10
F10	09 Feb 2015	Wind Dir	NE
F10	09 Feb 2015	Water Color	Greenish-Blue
F10	09 Feb 2015	Wave Ht Low (ft)	6
F10	09 Feb 2015	Wave Period (sec)	13
F10	09 Feb 2015	Sea State	Light chop
F10	09 Feb 2015	High Tide (ft)	3.45
F10	09 Feb 2015	High Tide Time	1137
F10	09 Feb 2015	Low Tide (ft)	1.57
F10	09 Feb 2015	Low Tide Time	608
F10	09 Feb 2015	Comments	
F11	09 Feb 2015	Depth (m)	61
F11	09 Feb 2015	Arrive Time	1007
F11	09 Feb 2015	Depart Time	1013
F11	09 Feb 2015	Air Temp (C)	16
F11	09 Feb 2015	Weather	Fog
F11	09 Feb 2015	Visibility (mi)	3
F11	09 Feb 2015	Wind Speed (kts)	4
F11	09 Feb 2015	Wind Dir	NE
F11	09 Feb 2015	Water Color	Greenish-Blue
F11	09 Feb 2015	Wave Ht Low (ft)	6
F11	09 Feb 2015	Wave Period (sec)	13

Station	Date	Parameter	Value
F11	09 Feb 2015	Sea State	Calm
F11	09 Feb 2015	High Tide (ft)	3.45
F11	09 Feb 2015	High Tide Time	1137
F11	09 Feb 2015	Low Tide (ft)	1.57
F11	09 Feb 2015	Low Tide Time	608
F11	09 Feb 2015	Comments	
F11	11 Feb 2015	Depth (m)	61
F11	11 Feb 2015	Arrive Time	819
F11	11 Feb 2015	Depart Time	825
F11	11 Feb 2015	Air Temp (C)	16
F11	11 Feb 2015	Weather	Clear
F11	11 Feb 2015	Visibility (mi)	10
F11	11 Feb 2015	Wind Speed (kts)	1
F11	11 Feb 2015	Wind Dir	SW
F11	11 Feb 2015	Water Color	Green
F11	11 Feb 2015	Wave Ht Low (ft)	5
F11	11 Feb 2015	Wave Period (sec)	9
F11	11 Feb 2015	Sea State	Calm
F11	11 Feb 2015	High Tide (ft)	2.52
F11	11 Feb 2015	High Tide Time	1429
F11	11 Feb 2015	Low Tide (ft)	1.5
F11	11 Feb 2015	Low Tide Time	854
F11	11 Feb 2015	Comments	Boats; Resample for 2/9/2015 at F11-60m
F11	13 Feb 2015	Depth (m)	61
F11	13 Feb 2015	Arrive Time	840
F11	13 Feb 2015	Depart Time	845
F11	13 Feb 2015	Air Temp (C)	18
F11	13 Feb 2015	Weather	Haze
F11	13 Feb 2015	Visibility (mi)	10
F11	13 Feb 2015	Wind Speed (kts)	8
F11	13 Feb 2015	Wind Dir	E
F11	13 Feb 2015	Water Color	Greenish-Blue
F11	13 Feb 2015	Wave Ht Low (ft)	4
F11	13 Feb 2015	Wave Period (sec)	13
F11	13 Feb 2015	Sea State	Calm
F11	13 Feb 2015	High Tide (ft)	4.53
F11	13 Feb 2015	High Tide Time	352
F11	13 Feb 2015	Low Tide (ft)	0.47
F11	13 Feb 2015	Low Tide Time	
F11	13 Feb 2015	Comments	none
F12	09 Feb 2015	Depth (m)	62
F12	09 Feb 2015	Arrive Time	952
F12	09 Feb 2015	Depart Time	958
F12	09 Feb 2015	Air Temp (C)	15
F12	09 Feb 2015	Weather	Fog
F12	09 Feb 2015	Visibility (mi)	3

Station	Date	Parameter	Value
F12	09 Feb 2015	Wind Speed (kts)	8
F12	09 Feb 2015	Wind Dir	W
F12	09 Feb 2015	Water Color	Greenish-Blue
F12	09 Feb 2015	Wave Ht Low (ft)	6
F12	09 Feb 2015	Wave Period (sec)	13
F12	09 Feb 2015	Sea State	Calm
F12	09 Feb 2015	High Tide (ft)	3.45
F12	09 Feb 2015	High Tide Time	1137
F12	09 Feb 2015	Low Tide (ft)	1.57
F12	09 Feb 2015	Low Tide Time	608
F12	09 Feb 2015	Comments	
F13	09 Feb 2015	Depth (m)	62
F13	09 Feb 2015	Arrive Time	939
F13	09 Feb 2015	Depart Time	944
F13	09 Feb 2015	Air Temp (C)	16
F13	09 Feb 2015	Weather	Fog
F13	09 Feb 2015	Visibility (mi)	3
F13	09 Feb 2015	Wind Speed (kts)	2
F13	09 Feb 2015	Wind Dir	S
F13	09 Feb 2015	Water Color	Greenish-Blue
F13	09 Feb 2015	Wave Ht Low (ft)	6
F13	09 Feb 2015	Wave Period (sec)	13
F13	09 Feb 2015	Sea State	Calm
F13	09 Feb 2015	High Tide (ft)	3.45
F13	09 Feb 2015	High Tide Time	1137
F13	09 Feb 2015	Low Tide (ft)	1.57
F13	09 Feb 2015	Low Tide Time	608
F13	09 Feb 2015	Comments	
F14	09 Feb 2015	Depth (m)	61
F14	09 Feb 2015	Arrive Time	926
F14	09 Feb 2015	Depart Time	932
F14	09 Feb 2015	Air Temp (C)	15
F14	09 Feb 2015	Weather	Fog
F14	09 Feb 2015	Visibility (mi)	3
F14	09 Feb 2015	Wind Speed (kts)	4
F14	09 Feb 2015	Wind Dir	NE
F14	09 Feb 2015	Water Color	Greenish-Blue
F14	09 Feb 2015	Wave Ht Low (ft)	6
F14	09 Feb 2015	Wave Period (sec)	13
F14	09 Feb 2015	Sea State	Calm
F14	09 Feb 2015	High Tide (ft)	3.45
F14	09 Feb 2015	High Tide Time	1137
F14	09 Feb 2015	Low Tide (ft)	1.57
F14	09 Feb 2015	Low Tide Time	608
F14	09 Feb 2015	Comments	
F15	10 Feb 2015	Depth (m)	81

Station	Date	Parameter	Value
F15	10 Feb 2015	Arrive Time	1136
F15	10 Feb 2015	Depart Time	1144
F15	10 Feb 2015	Air Temp (C)	16
F15	10 Feb 2015	Weather	Partly Cloudy
F15	10 Feb 2015	Visibility (mi)	7
F15	10 Feb 2015	Wind Speed (kts)	5
F15	10 Feb 2015	Wind Dir	N
F15	10 Feb 2015	Water Color	Blue
F15	10 Feb 2015	Wave Ht Low (ft)	8
F15	10 Feb 2015	Wave Period (sec)	13
F15	10 Feb 2015	Sea State	Light chop
F15	10 Feb 2015	High Tide (ft)	2.9
F15	10 Feb 2015	High Tide Time	1239
F15	10 Feb 2015	Low Tide (ft)	1.64
F15	10 Feb 2015	Low Tide Time	719
F15	10 Feb 2015	Comments	
F16	10 Feb 2015	Depth (m)	82
F16	10 Feb 2015	Arrive Time	1123
F16	10 Feb 2015	Depart Time	1130
F16	10 Feb 2015	Air Temp (C)	16
F16	10 Feb 2015	Weather	Partly Cloudy
F16	10 Feb 2015	Visibility (mi)	7
F16	10 Feb 2015	Wind Speed (kts)	4
F16	10 Feb 2015	Wind Dir	NE
F16	10 Feb 2015	Water Color	Blue
F16	10 Feb 2015	Wave Ht Low (ft)	8
F16	10 Feb 2015	Wave Period (sec)	13
F16	10 Feb 2015	Sea State	Light chop
F16	10 Feb 2015	High Tide (ft)	2.9
F16	10 Feb 2015	High Tide Time	1239
F16	10 Feb 2015	Low Tide (ft)	1.64
F16	10 Feb 2015	Low Tide Time	719
F16	10 Feb 2015	Comments	
F17	10 Feb 2015	Depth (m)	82
F17	10 Feb 2015	Arrive Time	1109
F17	10 Feb 2015	Depart Time	1117
F17	10 Feb 2015	Air Temp (C)	16
F17	10 Feb 2015	Weather	Partly Cloudy
F17	10 Feb 2015	Visibility (mi)	7
F17	10 Feb 2015	Wind Speed (kts)	2
F17	10 Feb 2015	Wind Dir	SW
F17	10 Feb 2015	Water Color	Blue
F17	10 Feb 2015	Wave Ht Low (ft)	8
F17	10 Feb 2015	Wave Period (sec)	13
F17	10 Feb 2015	Sea State	Light chop
F17	10 Feb 2015	High Tide (ft)	2.9
F17	10 Feb 2015	High Tide Time	1239

<b>Station</b>	<b>Date</b>	<b>Parameter</b>	<b>Value</b>
F17	10 Feb 2015	Low Tide (ft)	1.64
F17	10 Feb 2015	Low Tide Time	719
F17	10 Feb 2015	Comments	
F18	10 Feb 2015	Depth (m)	82
F18	10 Feb 2015	Arrive Time	1053
F18	10 Feb 2015	Depart Time	1102
F18	10 Feb 2015	Air Temp (C)	16
F18	10 Feb 2015	Weather	Partly Cloudy
F18	10 Feb 2015	Visibility (mi)	7
F18	10 Feb 2015	Wind Speed (kts)	4
F18	10 Feb 2015	Wind Dir	NE
F18	10 Feb 2015	Water Color	Blue
F18	10 Feb 2015	Wave Ht Low (ft)	8
F18	10 Feb 2015	Wave Period (sec)	13
F18	10 Feb 2015	Sea State	Light chop
F18	10 Feb 2015	High Tide (ft)	2.9
F18	10 Feb 2015	High Tide Time	1239
F18	10 Feb 2015	Low Tide (ft)	1.64
F18	10 Feb 2015	Low Tide Time	719
F18	10 Feb 2015	Comments	
F19	10 Feb 2015	Depth (m)	83
F19	10 Feb 2015	Arrive Time	1037
F19	10 Feb 2015	Depart Time	1045
F19	10 Feb 2015	Air Temp (C)	16
F19	10 Feb 2015	Weather	Partly Cloudy
F19	10 Feb 2015	Visibility (mi)	7
F19	10 Feb 2015	Wind Speed (kts)	4
F19	10 Feb 2015	Wind Dir	E
F19	10 Feb 2015	Water Color	Blue
F19	10 Feb 2015	Wave Ht Low (ft)	8
F19	10 Feb 2015	Wave Period (sec)	13
F19	10 Feb 2015	Sea State	Light chop
F19	10 Feb 2015	High Tide (ft)	2.9
F19	10 Feb 2015	High Tide Time	1239
F19	10 Feb 2015	Low Tide (ft)	1.64
F19	10 Feb 2015	Low Tide Time	719
F19	10 Feb 2015	Comments	
F20	10 Feb 2015	Depth (m)	82
F20	10 Feb 2015	Arrive Time	1024
F20	10 Feb 2015	Depart Time	1031
F20	10 Feb 2015	Air Temp (C)	16
F20	10 Feb 2015	Weather	Partly Cloudy
F20	10 Feb 2015	Visibility (mi)	7
F20	10 Feb 2015	Wind Speed (kts)	3
F20	10 Feb 2015	Wind Dir	NE
F20	10 Feb 2015	Water Color	Blue

Station	Date	Parameter	Value
F20	10 Feb 2015	Wave Ht Low (ft)	8
F20	10 Feb 2015	Wave Period (sec)	13
F20	10 Feb 2015	Sea State	Light chop
F20	10 Feb 2015	High Tide (ft)	2.9
F20	10 Feb 2015	High Tide Time	1239
F20	10 Feb 2015	Low Tide (ft)	1.64
F20	10 Feb 2015	Low Tide Time	719
F20	10 Feb 2015	Comments	
F21	10 Feb 2015	Depth (m)	84
F21	10 Feb 2015	Arrive Time	1009
F21	10 Feb 2015	Depart Time	1018
F21	10 Feb 2015	Air Temp (C)	15
F21	10 Feb 2015	Weather	Partly Cloudy
F21	10 Feb 2015	Visibility (mi)	6
F21	10 Feb 2015	Wind Speed (kts)	6
F21	10 Feb 2015	Wind Dir	E
F21	10 Feb 2015	Water Color	Blue
F21	10 Feb 2015	Wave Ht Low (ft)	8
F21	10 Feb 2015	Wave Period (sec)	13
F21	10 Feb 2015	Sea State	Light chop
F21	10 Feb 2015	High Tide (ft)	2.9
F21	10 Feb 2015	High Tide Time	1239
F21	10 Feb 2015	Low Tide (ft)	1.64
F21	10 Feb 2015	Low Tide Time	719
F21	10 Feb 2015	Comments	
F22	10 Feb 2015	Depth (m)	82
F22	10 Feb 2015	Arrive Time	955
F22	10 Feb 2015	Depart Time	1007
F22	10 Feb 2015	Air Temp (C)	15
F22	10 Feb 2015	Weather	Partly Cloudy
F22	10 Feb 2015	Visibility (mi)	6
F22	10 Feb 2015	Wind Speed (kts)	2
F22	10 Feb 2015	Wind Dir	W
F22	10 Feb 2015	Water Color	Blue
F22	10 Feb 2015	Wave Ht Low (ft)	8
F22	10 Feb 2015	Wave Period (sec)	13
F22	10 Feb 2015	Sea State	Calm
F22	10 Feb 2015	High Tide (ft)	2.9
F22	10 Feb 2015	High Tide Time	1239
F22	10 Feb 2015	Low Tide (ft)	1.64
F22	10 Feb 2015	Low Tide Time	719
F22	10 Feb 2015	Comments	
F24	10 Feb 2015	Depth (m)	82
F24	10 Feb 2015	Arrive Time	918
F24	10 Feb 2015	Depart Time	937
F24	10 Feb 2015	Air Temp (C)	15

Station	Date	Parameter	Value
F24	10 Feb 2015	Weather	Fog
F24	10 Feb 2015	Visibility (mi)	5
F24	10 Feb 2015	Wind Speed (kts)	0
F24	10 Feb 2015	Wind Dir	
F24	10 Feb 2015	Water Color	Blue
F24	10 Feb 2015	Wave Ht Low (ft)	8
F24	10 Feb 2015	Wave Period (sec)	13
F24	10 Feb 2015	Sea State	Calm
F24	10 Feb 2015	High Tide (ft)	2.9
F24	10 Feb 2015	High Tide Time	1239
F24	10 Feb 2015	Low Tide (ft)	1.64
F24	10 Feb 2015	Low Tide Time	719
F24	10 Feb 2015	Comments	First cast had bad data in first 4m - had to do a second cast.
F25	10 Feb 2015	Depth (m)	80
F25	10 Feb 2015	Arrive Time	904
F25	10 Feb 2015	Depart Time	913
F25	10 Feb 2015	Air Temp (C)	15
F25	10 Feb 2015	Weather	Fog
F25	10 Feb 2015	Visibility (mi)	5
F25	10 Feb 2015	Wind Speed (kts)	3
F25	10 Feb 2015	Wind Dir	E
F25	10 Feb 2015	Water Color	Blue
F25	10 Feb 2015	Wave Ht Low (ft)	8
F25	10 Feb 2015	Wave Period (sec)	13
F25	10 Feb 2015	Sea State	Calm
F25	10 Feb 2015	High Tide (ft)	2.9
F25	10 Feb 2015	High Tide Time	1239
F25	10 Feb 2015	Low Tide (ft)	1.64
F25	10 Feb 2015	Low Tide Time	719
F25	10 Feb 2015	Comments	
F26	11 Feb 2015	Depth (m)	99
F26	11 Feb 2015	Arrive Time	1108
F26	11 Feb 2015	Depart Time	1117
F26	11 Feb 2015	Air Temp (C)	19
F26	11 Feb 2015	Weather	Clear
F26	11 Feb 2015	Visibility (mi)	10
F26	11 Feb 2015	Wind Speed (kts)	8
F26	11 Feb 2015	Wind Dir	NE
F26	11 Feb 2015	Water Color	Blue
F26	11 Feb 2015	Wave Ht Low (ft)	5
F26	11 Feb 2015	Wave Period (sec)	9
F26	11 Feb 2015	Sea State	Calm
F26	11 Feb 2015	High Tide (ft)	2.52
F26	11 Feb 2015	High Tide Time	1429
F26	11 Feb 2015	Low Tide (ft)	1.5
F26	11 Feb 2015	Low Tide Time	854

Station	Date	Parameter	Value
F26	11 Feb 2015	Comments	
F27	11 Feb 2015	Depth (m)	99
F27	11 Feb 2015	Arrive Time	1054
F27	11 Feb 2015	Depart Time	1103
F27	11 Feb 2015	Air Temp (C)	18
F27	11 Feb 2015	Weather	Clear
F27	11 Feb 2015	Visibility (mi)	10
F27	11 Feb 2015	Wind Speed (kts)	3
F27	11 Feb 2015	Wind Dir	SW
F27	11 Feb 2015	Water Color	Blue
F27	11 Feb 2015	Wave Ht Low (ft)	5
F27	11 Feb 2015	Wave Period (sec)	9
F27	11 Feb 2015	Sea State	Calm
F27	11 Feb 2015	High Tide (ft)	2.52
F27	11 Feb 2015	High Tide Time	1429
F27	11 Feb 2015	Low Tide (ft)	1.5
F27	11 Feb 2015	Low Tide Time	854
F27	11 Feb 2015	Comments	
F28	11 Feb 2015	Depth (m)	100
F28	11 Feb 2015	Arrive Time	1041
F28	11 Feb 2015	Depart Time	1047
F28	11 Feb 2015	Air Temp (C)	18
F28	11 Feb 2015	Weather	Clear
F28	11 Feb 2015	Visibility (mi)	10
F28	11 Feb 2015	Wind Speed (kts)	6
F28	11 Feb 2015	Wind Dir	N
F28	11 Feb 2015	Water Color	Blue
F28	11 Feb 2015	Wave Ht Low (ft)	5
F28	11 Feb 2015	Wave Period (sec)	9
F28	11 Feb 2015	Sea State	Calm
F28	11 Feb 2015	High Tide (ft)	2.52
F28	11 Feb 2015	High Tide Time	1429
F28	11 Feb 2015	Low Tide (ft)	1.5
F28	11 Feb 2015	Low Tide Time	854
F28	11 Feb 2015	Comments	
F29	11 Feb 2015	Depth (m)	99
F29	11 Feb 2015	Arrive Time	1026
F29	11 Feb 2015	Depart Time	1035
F29	11 Feb 2015	Air Temp (C)	18
F29	11 Feb 2015	Weather	Clear
F29	11 Feb 2015	Visibility (mi)	10
F29	11 Feb 2015	Wind Speed (kts)	3
F29	11 Feb 2015	Wind Dir	NE
F29	11 Feb 2015	Water Color	Blue
F29	11 Feb 2015	Wave Ht Low (ft)	5
F29	11 Feb 2015	Wave Period (sec)	9

<b>Station</b>	<b>Date</b>	<b>Parameter</b>	<b>Value</b>
F29	11 Feb 2015	Sea State	Calm
F29	11 Feb 2015	High Tide (ft)	2.52
F29	11 Feb 2015	High Tide Time	1429
F29	11 Feb 2015	Low Tide (ft)	1.5
F29	11 Feb 2015	Low Tide Time	854
F29	11 Feb 2015	Comments	Pelican on station
F30	11 Feb 2015	Depth (m)	96
F30	11 Feb 2015	Arrive Time	1012
F30	11 Feb 2015	Depart Time	1021
F30	11 Feb 2015	Air Temp (C)	18
F30	11 Feb 2015	Weather	Clear
F30	11 Feb 2015	Visibility (mi)	10
F30	11 Feb 2015	Wind Speed (kts)	0
F30	11 Feb 2015	Wind Dir	
F30	11 Feb 2015	Water Color	Blue
F30	11 Feb 2015	Wave Ht Low (ft)	5
F30	11 Feb 2015	Wave Period (sec)	9
F30	11 Feb 2015	Sea State	Calm
F30	11 Feb 2015	High Tide (ft)	2.52
F30	11 Feb 2015	High Tide Time	1429
F30	11 Feb 2015	Low Tide (ft)	1.5
F30	11 Feb 2015	Low Tide Time	854
F30	11 Feb 2015	Comments	
F31	11 Feb 2015	Depth (m)	98
F31	11 Feb 2015	Arrive Time	1001
F31	11 Feb 2015	Depart Time	1007
F31	11 Feb 2015	Air Temp (C)	18
F31	11 Feb 2015	Weather	Clear
F31	11 Feb 2015	Visibility (mi)	10
F31	11 Feb 2015	Wind Speed (kts)	4
F31	11 Feb 2015	Wind Dir	S
F31	11 Feb 2015	Water Color	Blue
F31	11 Feb 2015	Wave Ht Low (ft)	5
F31	11 Feb 2015	Wave Period (sec)	9
F31	11 Feb 2015	Sea State	Calm
F31	11 Feb 2015	High Tide (ft)	2.52
F31	11 Feb 2015	High Tide Time	1429
F31	11 Feb 2015	Low Tide (ft)	1.5
F31	11 Feb 2015	Low Tide Time	854
F31	11 Feb 2015	Comments	
F32	11 Feb 2015	Depth (m)	100
F32	11 Feb 2015	Arrive Time	948
F32	11 Feb 2015	Depart Time	954
F32	11 Feb 2015	Air Temp (C)	18
F32	11 Feb 2015	Weather	Clear
F32	11 Feb 2015	Visibility (mi)	10

Station	Date	Parameter	Value
F32	11 Feb 2015	Wind Speed (kts)	0
F32	11 Feb 2015	Wind Dir	
F32	11 Feb 2015	Water Color	Blue
F32	11 Feb 2015	Wave Ht Low (ft)	5
F32	11 Feb 2015	Wave Period (sec)	9
F32	11 Feb 2015	Sea State	Calm
F32	11 Feb 2015	High Tide (ft)	2.52
F32	11 Feb 2015	High Tide Time	1429
F32	11 Feb 2015	Low Tide (ft)	1.5
F32	11 Feb 2015	Low Tide Time	854
F32	11 Feb 2015	Comments	
F33	11 Feb 2015	Depth (m)	100
F33	11 Feb 2015	Arrive Time	934
F33	11 Feb 2015	Depart Time	940
F33	11 Feb 2015	Air Temp (C)	18
F33	11 Feb 2015	Weather	Clear
F33	11 Feb 2015	Visibility (mi)	10
F33	11 Feb 2015	Wind Speed (kts)	0
F33	11 Feb 2015	Wind Dir	
F33	11 Feb 2015	Water Color	Blue
F33	11 Feb 2015	Wave Ht Low (ft)	5
F33	11 Feb 2015	Wave Period (sec)	9
F33	11 Feb 2015	Sea State	Calm
F33	11 Feb 2015	High Tide (ft)	2.52
F33	11 Feb 2015	High Tide Time	1429
F33	11 Feb 2015	Low Tide (ft)	1.5
F33	11 Feb 2015	Low Tide Time	854
F33	11 Feb 2015	Comments	
F34	11 Feb 2015	Depth (m)	100
F34	11 Feb 2015	Arrive Time	920
F34	11 Feb 2015	Depart Time	926
F34	11 Feb 2015	Air Temp (C)	18
F34	11 Feb 2015	Weather	Clear
F34	11 Feb 2015	Visibility (mi)	10
F34	11 Feb 2015	Wind Speed (kts)	0
F34	11 Feb 2015	Wind Dir	
F34	11 Feb 2015	Water Color	Blue
F34	11 Feb 2015	Wave Ht Low (ft)	5
F34	11 Feb 2015	Wave Period (sec)	9
F34	11 Feb 2015	Sea State	Calm
F34	11 Feb 2015	High Tide (ft)	2.52
F34	11 Feb 2015	High Tide Time	1429
F34	11 Feb 2015	Low Tide (ft)	1.5
F34	11 Feb 2015	Low Tide Time	854
F34	11 Feb 2015	Comments	
F35	11 Feb 2015	Depth (m)	99

Station	Date	Parameter	Value
F35	11 Feb 2015	Arrive Time	908
F35	11 Feb 2015	Depart Time	913
F35	11 Feb 2015	Air Temp (C)	17
F35	11 Feb 2015	Weather	Clear
F35	11 Feb 2015	Visibility (mi)	10
F35	11 Feb 2015	Wind Speed (kts)	2
F35	11 Feb 2015	Wind Dir	NW
F35	11 Feb 2015	Water Color	Blue
F35	11 Feb 2015	Wave Ht Low (ft)	5
F35	11 Feb 2015	Wave Period (sec)	9
F35	11 Feb 2015	Sea State	Calm
F35	11 Feb 2015	High Tide (ft)	2.52
F35	11 Feb 2015	High Tide Time	1429
F35	11 Feb 2015	Low Tide (ft)	1.5
F35	11 Feb 2015	Low Tide Time	854
F35	11 Feb 2015	Comments	
F36	11 Feb 2015	Depth (m)	100
F36	11 Feb 2015	Arrive Time	853
F36	11 Feb 2015	Depart Time	900
F36	11 Feb 2015	Air Temp (C)	17
F36	11 Feb 2015	Weather	Clear
F36	11 Feb 2015	Visibility (mi)	10
F36	11 Feb 2015	Wind Speed (kts)	0
F36	11 Feb 2015	Wind Dir	
F36	11 Feb 2015	Water Color	Blue
F36	11 Feb 2015	Wave Ht Low (ft)	5
F36	11 Feb 2015	Wave Period (sec)	9
F36	11 Feb 2015	Sea State	Calm
F36	11 Feb 2015	High Tide (ft)	2.52
F36	11 Feb 2015	High Tide Time	1429
F36	11 Feb 2015	Low Tide (ft)	1.5
F36	11 Feb 2015	Low Tide Time	854
F36	11 Feb 2015	Comments	

**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 ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F01	09 Feb 2015	1	16.36	76.75	7.7	33.38	8.1	24.4	1.23
F01	09 Feb 2015	2	16.34	78.49	7.7	33.38	8.1	24.4	1.27
F01	09 Feb 2015	3	16.34	79.18	7.7	33.38	8.1	24.4	1.38
F01	09 Feb 2015	4	16.34	79.14	7.7	33.38	8.1	24.4	1.45
F01	09 Feb 2015	5	16.32	79.20	7.7	33.38	8.1	24.4	1.49
F01	09 Feb 2015	6	16.29	79.14	7.6	33.38	8.1	24.4	1.51
F01	09 Feb 2015	7	16.26	79.41	7.6	33.38	8.1	24.4	1.55
F01	09 Feb 2015	8	16.15	79.45	7.4	33.36	8.1	24.5	1.52
F01	09 Feb 2015	9	15.61	80.15	7.4	33.34	8.1	24.6	1.51
F01	09 Feb 2015	10	15.36	80.10	7.3	33.32	8.1	24.6	1.44
F01	09 Feb 2015	11	14.84	80.06	7.2	33.32	8.1	24.7	1.34
F01	09 Feb 2015	12	14.70	79.01	7.1	33.32	8.1	24.7	1.29
F01	09 Feb 2015	13	14.54	78.05	7.1	33.31	8.1	24.8	1.22
F01	09 Feb 2015	14	14.41	78.01	7.0	33.31	8.1	24.8	1.20
F01	09 Feb 2015	15	14.23	77.97	7.0	33.30	8.1	24.8	1.17
F01	09 Feb 2015	16	14.15	77.33	6.9	33.29	8.1	24.8	1.09
F01	09 Feb 2015	17	13.83	76.63	6.8	33.30	8.1	24.9	1.04
F01	09 Feb 2015	18	13.77	76.27	6.8	33.30	8.1	24.9	1.01
F01	09 Feb 2015	19	13.75	71.52	6.8	33.30	8.1	24.9	0.99
F01	09 Feb 2015	20	13.75	67.11	6.8	33.30	8.1	24.9	1.00
F02	09 Feb 2015	1	16.62	81.69	7.8	33.37	8.1	24.3	1.39
F02	09 Feb 2015	2	16.61	81.68	7.8	33.37	8.1	24.4	1.46
F02	09 Feb 2015	3	16.61	81.87	7.8	33.37	8.1	24.4	1.51
F02	09 Feb 2015	4	16.60	81.76	7.8	33.37	8.1	24.4	1.57
F02	09 Feb 2015	5	16.59	82.02	7.8	33.36	8.1	24.4	1.57
F02	09 Feb 2015	6	16.54	82.61	7.9	33.36	8.1	24.4	1.58
F02	09 Feb 2015	7	16.44	83.30	7.9	33.36	8.1	24.4	1.68
F02	09 Feb 2015	8	16.35	83.74	7.8	33.35	8.1	24.4	1.78
F02	09 Feb 2015	9	16.01	84.39	7.7	33.33	8.1	24.5	2.02
F02	09 Feb 2015	10	15.53	85.58	7.6	33.33	8.1	24.6	2.17
F02	09 Feb 2015	11	15.28	85.93	7.6	33.33	8.1	24.6	2.08
F02	09 Feb 2015	12	15.20	86.07	7.6	33.33	8.1	24.6	2.05
F02	09 Feb 2015	13	15.16	86.02	7.5	33.33	8.1	24.6	1.94
F02	09 Feb 2015	14	15.09	84.80	7.4	33.33	8.1	24.7	1.81
F02	09 Feb 2015	15	14.92	83.69	7.2	33.31	8.1	24.7	1.64
F02	09 Feb 2015	16	14.60	77.31	7.0	33.32	8.0	24.8	1.52
F02	09 Feb 2015	17	14.56	74.70	7.0	33.32	8.0	24.8	1.44
F02	09 Feb 2015	18	14.44	73.94	7.0	33.32	8.0	24.8	1.39
F02	09 Feb 2015	19	14.41	69.92	6.8	33.32	8.0	24.8	1.66
F02	09 Feb 2015	20	14.37	41.88	6.8	33.32	8.0	24.8	2.14
F03	09 Feb 2015	1	16.36	70.10	7.8	33.36	8.1	24.4	1.36
F03	09 Feb 2015	2	16.36	70.63	7.8	33.36	8.1	24.4	1.43
F03	09 Feb 2015	3	16.33	70.87	7.8	33.36	8.1	24.4	1.62
F03	09 Feb 2015	4	16.29	71.27	7.7	33.36	8.1	24.4	1.79
F03	09 Feb 2015	5	16.21	71.93	7.7	33.36	8.1	24.4	1.96
F03	09 Feb 2015	6	16.19	72.94	7.7	33.36	8.1	24.4	2.00
F03	09 Feb 2015	7	16.10	74.14	7.7	33.35	8.1	24.5	2.05
F03	09 Feb 2015	8	15.99	77.18	7.7	33.35	8.1	24.5	2.09
F03	09 Feb 2015	9	15.91	79.87	7.7	33.36	8.1	24.5	2.08
F03	09 Feb 2015	10	15.78	81.32	7.6	33.35	8.1	24.5	2.05
F03	09 Feb 2015	11	15.70	82.47	7.6	33.36	8.1	24.6	2.03

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F03	09 Feb 2015	12	15.65	83.30	7.6	33.36	8.1	24.6	1.96
F03	09 Feb 2015	13	15.53	84.42	7.5	33.35	8.1	24.6	1.89
F03	09 Feb 2015	14	15.35	84.92	7.3	33.34	8.1	24.6	1.83
F03	09 Feb 2015	15	15.10	83.14	7.2	33.32	8.1	24.7	1.68
F03	09 Feb 2015	16	14.76	78.31	7.1	33.33	8.1	24.7	1.57
F03	09 Feb 2015	17	14.60	74.13	7.0	33.32	8.1	24.8	1.54
F03	09 Feb 2015	18	14.55	69.50	7.0	33.33	8.1	24.8	1.65
F03	09 Feb 2015	19	14.55	59.24	6.9	33.33	8.1	24.8	2.14
F04	09 Feb 2015	1	16.85	86.04	7.9	33.34	8.2	24.3	0.86
F04	09 Feb 2015	2	16.85	86.88	7.9	33.34	8.2	24.3	0.87
F04	09 Feb 2015	3	16.85	87.23	8.0	33.34	8.2	24.3	0.90
F04	09 Feb 2015	4	16.85	87.27	8.0	33.34	8.2	24.3	0.93
F04	09 Feb 2015	5	16.84	87.27	8.0	33.34	8.2	24.3	0.93
F04	09 Feb 2015	6	16.79	87.41	8.0	33.34	8.2	24.3	0.85
F04	09 Feb 2015	7	16.68	87.89	8.0	33.34	8.2	24.3	0.75
F04	09 Feb 2015	8	16.56	88.76	8.0	33.33	8.2	24.3	0.68
F04	09 Feb 2015	9	16.44	88.98	8.0	33.32	8.2	24.4	0.69
F04	09 Feb 2015	10	16.39	88.79	8.0	33.32	8.2	24.4	0.70
F04	09 Feb 2015	11	16.34	88.90	8.0	33.32	8.2	24.4	0.72
F04	09 Feb 2015	12	16.28	89.00	8.0	33.31	8.2	24.4	0.78
F04	09 Feb 2015	13	16.20	88.76	8.0	33.30	8.2	24.4	0.73
F04	09 Feb 2015	14	16.14	89.18	8.0	33.29	8.2	24.4	0.70
F04	09 Feb 2015	15	16.07	89.37	8.0	33.29	8.2	24.4	0.79
F04	09 Feb 2015	16	16.01	89.16	8.0	33.29	8.2	24.4	1.15
F04	09 Feb 2015	17	15.87	88.02	8.0	33.28	8.2	24.5	2.16
F04	09 Feb 2015	18	15.71	85.76	7.9	33.27	8.2	24.5	2.71
F04	09 Feb 2015	19	15.45	85.73	7.9	33.27	8.2	24.5	2.93
F04	09 Feb 2015	20	15.33	85.83	8.0	33.28	8.2	24.6	3.25
F04	09 Feb 2015	21	15.24	85.35	7.9	33.28	8.2	24.6	3.43
F04	09 Feb 2015	22	15.14	85.25	7.8	33.28	8.2	24.6	3.43
F04	09 Feb 2015	23	15.04	85.49	7.7	33.29	8.2	24.6	3.34
F04	09 Feb 2015	24	14.95	85.81	7.6	33.29	8.1	24.7	3.05
F04	09 Feb 2015	25	14.82	86.21	7.5	33.30	8.1	24.7	2.84
F04	09 Feb 2015	26	14.78	86.40	7.5	33.31	8.1	24.7	2.73
F04	09 Feb 2015	27	14.76	86.39	7.4	33.31	8.1	24.7	2.63
F04	09 Feb 2015	28	14.71	86.61	7.4	33.30	8.1	24.7	2.50
F04	09 Feb 2015	29	14.62	86.73	7.3	33.29	8.1	24.7	2.40
F04	09 Feb 2015	30	14.31	87.03	7.2	33.28	8.1	24.8	2.25
F04	09 Feb 2015	31	14.12	87.45	7.2	33.28	8.1	24.8	2.06
F04	09 Feb 2015	32	13.96	87.90	7.1	33.28	8.1	24.9	1.81
F04	09 Feb 2015	33	13.69	88.51	7.0	33.25	8.1	24.9	1.54
F04	09 Feb 2015	34	13.37	88.91	6.9	33.27	8.1	25.0	1.28
F04	09 Feb 2015	35	13.29	88.91	6.9	33.27	8.1	25.0	1.16
F04	09 Feb 2015	36	13.24	89.05	6.9	33.27	8.1	25.0	1.10
F04	09 Feb 2015	37	13.19	89.19	7.0	33.26	8.1	25.0	1.03
F04	09 Feb 2015	38	13.11	89.41	6.9	33.27	8.1	25.0	0.97
F04	09 Feb 2015	39	13.02	89.54	6.9	33.26	8.1	25.0	0.96
F04	09 Feb 2015	40	12.97	89.50	6.9	33.26	8.1	25.1	0.93
F04	09 Feb 2015	41	12.92	89.47	6.9	33.26	8.1	25.1	0.91
F04	09 Feb 2015	42	12.87	89.38	6.9	33.27	8.0	25.1	0.89
F04	09 Feb 2015	43	12.84	89.35	6.8	33.27	8.0	25.1	0.85
F04	09 Feb 2015	44	12.78	89.40	6.8	33.27	8.0	25.1	0.82
F04	09 Feb 2015	45	12.67	89.56	6.7	33.28	8.0	25.1	0.77
F04	09 Feb 2015	46	12.59	89.56	6.6	33.30	8.0	25.2	0.71
F04	09 Feb 2015	47	12.51	89.70	6.6	33.31	8.0	25.2	0.68
F04	09 Feb 2015	48	12.37	89.93	6.5	33.30	8.0	25.2	0.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F04	09 Feb 2015	49	12.05	90.20	6.3	33.34	8.0	25.3	0.53
F04	09 Feb 2015	50	11.96	90.27	6.2	33.34	8.0	25.3	0.50
F04	09 Feb 2015	51	11.83	90.22	6.1	33.37	8.0	25.4	0.47
F04	09 Feb 2015	52	11.72	90.12	6.0	33.38	8.0	25.4	0.43
F04	09 Feb 2015	53	11.61	89.38	5.8	33.41	8.0	25.4	0.40
F04	09 Feb 2015	54	11.52	88.94	5.8	33.42	7.9	25.5	0.38
F04	09 Feb 2015	55	11.48	86.82	5.7	33.43	7.9	25.5	0.38
F04	09 Feb 2015	56	11.46	86.59	5.7	33.44	7.9	25.5	0.36
F04	09 Feb 2015	57	11.43	86.17	5.7	33.44	7.9	25.5	0.35
F04	09 Feb 2015	58	11.41	86.17	5.6	33.45	7.9	25.5	0.35
F04	09 Feb 2015	59	11.36	85.28	5.5	33.46	7.9	25.5	0.35
F04	09 Feb 2015	60	11.35	84.29	5.5	33.46	7.9	25.5	0.34
F04	09 Feb 2015	61	11.35	84.27	5.6	33.46	7.9	25.5	0.34
F05	09 Feb 2015	1	16.85	85.94	8.0	33.34	8.2	24.3	0.87
F05	09 Feb 2015	2	16.85	86.71	7.9	33.34	8.2	24.3	0.89
F05	09 Feb 2015	3	16.84	87.05	8.0	33.34	8.2	24.3	0.95
F05	09 Feb 2015	4	16.84	86.76	8.0	33.34	8.2	24.3	0.98
F05	09 Feb 2015	5	16.83	87.09	7.9	33.34	8.2	24.3	0.99
F05	09 Feb 2015	6	16.81	87.21	8.0	33.34	8.2	24.3	0.93
F05	09 Feb 2015	7	16.73	87.60	8.0	33.34	8.2	24.3	0.80
F05	09 Feb 2015	8	16.59	88.89	8.0	33.34	8.2	24.3	0.65
F05	09 Feb 2015	9	16.52	89.24	8.0	33.34	8.2	24.4	0.66
F05	09 Feb 2015	10	16.47	89.05	8.0	33.33	8.2	24.4	0.73
F05	09 Feb 2015	11	16.44	88.75	8.0	33.33	8.2	24.4	0.77
F05	09 Feb 2015	12	16.39	88.72	8.0	33.31	8.2	24.4	0.86
F05	09 Feb 2015	13	16.18	88.51	8.0	33.27	8.2	24.4	0.92
F05	09 Feb 2015	14	15.98	88.52	8.1	33.28	8.2	24.4	1.10
F05	09 Feb 2015	15	15.86	88.33	8.1	33.27	8.2	24.5	1.36
F05	09 Feb 2015	16	15.76	87.79	8.0	33.28	8.2	24.5	1.79
F05	09 Feb 2015	17	15.70	86.89	8.0	33.28	8.2	24.5	2.18
F05	09 Feb 2015	18	15.65	86.34	8.0	33.28	8.2	24.5	2.76
F05	09 Feb 2015	19	15.44	85.46	7.9	33.28	8.2	24.5	3.15
F05	09 Feb 2015	20	15.27	85.30	7.9	33.28	8.2	24.6	3.35
F05	09 Feb 2015	21	15.16	85.25	7.8	33.28	8.2	24.6	3.30
F05	09 Feb 2015	22	14.94	85.68	7.6	33.30	8.1	24.7	2.94
F05	09 Feb 2015	23	14.83	86.26	7.4	33.30	8.1	24.7	2.63
F05	09 Feb 2015	24	14.68	86.71	7.4	33.29	8.1	24.7	2.35
F05	09 Feb 2015	25	14.47	87.31	7.3	33.29	8.1	24.8	2.19
F05	09 Feb 2015	26	14.32	87.60	7.3	33.29	8.1	24.8	2.10
F05	09 Feb 2015	27	14.17	87.75	7.2	33.29	8.1	24.8	1.96
F05	09 Feb 2015	28	14.02	87.80	7.1	33.28	8.1	24.9	1.80
F05	09 Feb 2015	29	13.88	87.96	7.1	33.28	8.1	24.9	1.66
F05	09 Feb 2015	30	13.73	88.46	7.1	33.28	8.1	24.9	1.50
F05	09 Feb 2015	31	13.57	88.72	7.0	33.27	8.1	24.9	1.33
F05	09 Feb 2015	32	13.28	89.19	6.9	33.25	8.1	25.0	1.16
F05	09 Feb 2015	33	13.10	88.98	6.8	33.28	8.1	25.0	1.01
F05	09 Feb 2015	34	13.03	88.75	6.8	33.28	8.0	25.1	0.90
F05	09 Feb 2015	35	12.99	88.73	6.7	33.29	8.0	25.1	0.84
F05	09 Feb 2015	36	12.98	88.73	6.7	33.29	8.0	25.1	0.79
F05	09 Feb 2015	37	12.98	88.68	6.7	33.29	8.0	25.1	0.76
F05	09 Feb 2015	38	13.00	88.44	6.6	33.30	8.0	25.1	0.73
F05	09 Feb 2015	39	12.99	87.74	6.5	33.30	8.0	25.1	0.67
F05	09 Feb 2015	40	12.92	87.59	6.5	33.30	8.0	25.1	0.63
F05	09 Feb 2015	41	12.82	87.37	6.5	33.30	8.0	25.1	0.61
F05	09 Feb 2015	42	12.69	88.23	6.5	33.29	8.0	25.1	0.64
F05	09 Feb 2015	43	12.60	89.15	6.6	33.28	8.0	25.1	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F05	09 Feb 2015	44	12.43	89.69	6.6	33.29	8.0	25.2	0.62
F05	09 Feb 2015	45	12.33	89.69	6.5	33.31	8.0	25.2	0.60
F05	09 Feb 2015	46	12.24	89.75	6.5	33.32	8.0	25.2	0.62
F05	09 Feb 2015	47	12.15	89.89	6.4	33.32	8.0	25.3	0.54
F05	09 Feb 2015	48	12.09	89.87	6.4	33.33	8.0	25.3	0.52
F05	09 Feb 2015	49	12.04	89.81	6.3	33.33	8.0	25.3	0.50
F05	09 Feb 2015	50	11.90	89.93	6.2	33.35	8.0	25.3	0.48
F05	09 Feb 2015	51	11.85	89.86	6.1	33.37	8.0	25.4	0.46
F05	09 Feb 2015	52	11.79	88.66	5.9	33.38	8.0	25.4	0.44
F05	09 Feb 2015	53	11.64	84.16	5.8	33.41	8.0	25.4	0.41
F05	09 Feb 2015	54	11.61	84.29	5.8	33.41	8.0	25.4	0.40
F05	09 Feb 2015	55	11.60	83.68	5.8	33.42	7.9	25.4	0.39
F05	09 Feb 2015	56	11.58	83.79	5.8	33.42	7.9	25.4	0.38
F05	09 Feb 2015	57	11.55	84.26	5.8	33.43	7.9	25.4	0.36
F05	09 Feb 2015	58	11.53	84.15	5.7	33.43	7.9	25.5	0.37
F05	09 Feb 2015	59	11.49	83.51	5.7	33.43	7.9	25.5	0.37
F05	09 Feb 2015	60	11.44	82.83	5.6	33.45	7.9	25.5	0.36
F05	09 Feb 2015	61	11.41	82.11	5.6	33.45	7.9	25.5	0.37
F05	09 Feb 2015	62	11.39	81.84	5.7	33.45	7.9	25.5	0.38
F06	09 Feb 2015	1	16.84	86.30	7.9	33.34	8.2	24.3	0.86
F06	09 Feb 2015	2	16.84	86.61	7.9	33.34	8.2	24.3	0.92
F06	09 Feb 2015	3	16.84	86.86	7.9	33.34	8.2	24.3	0.99
F06	09 Feb 2015	4	16.82	86.82	7.9	33.34	8.2	24.3	1.03
F06	09 Feb 2015	5	16.81	86.81	7.9	33.34	8.2	24.3	1.08
F06	09 Feb 2015	6	16.81	86.82	7.9	33.34	8.2	24.3	1.06
F06	09 Feb 2015	7	16.71	87.09	8.0	33.36	8.2	24.3	0.91
F06	09 Feb 2015	8	16.67	87.95	8.1	33.37	8.2	24.3	0.82
F06	09 Feb 2015	9	16.66	88.23	8.1	33.37	8.2	24.3	0.79
F06	09 Feb 2015	10	16.62	88.32	8.0	33.36	8.2	24.3	0.82
F06	09 Feb 2015	11	16.54	88.43	8.0	33.35	8.2	24.4	1.01
F06	09 Feb 2015	12	16.31	87.94	7.9	33.30	8.2	24.4	1.69
F06	09 Feb 2015	13	15.88	86.25	8.0	33.28	8.2	24.5	2.18
F06	09 Feb 2015	14	15.60	85.82	8.0	33.28	8.2	24.5	2.50
F06	09 Feb 2015	15	15.43	85.65	7.9	33.28	8.2	24.6	2.77
F06	09 Feb 2015	16	15.34	85.57	7.9	33.28	8.2	24.6	3.00
F06	09 Feb 2015	17	15.23	85.38	7.8	33.29	8.2	24.6	3.13
F06	09 Feb 2015	18	15.15	85.37	7.7	33.29	8.2	24.6	3.04
F06	09 Feb 2015	19	14.99	85.59	7.5	33.29	8.2	24.7	2.64
F06	09 Feb 2015	20	14.75	86.20	7.3	33.30	8.1	24.7	2.28
F06	09 Feb 2015	21	14.47	86.53	7.2	33.27	8.1	24.8	1.95
F06	09 Feb 2015	22	14.18	87.87	7.2	33.29	8.1	24.8	1.75
F06	09 Feb 2015	23	13.98	88.05	7.1	33.28	8.1	24.9	1.58
F06	09 Feb 2015	24	13.72	88.46	7.1	33.27	8.1	24.9	1.39
F06	09 Feb 2015	25	13.53	88.86	7.0	33.25	8.1	24.9	1.20
F06	09 Feb 2015	26	13.26	89.42	7.1	33.25	8.1	25.0	1.10
F06	09 Feb 2015	27	13.17	89.49	7.0	33.26	8.1	25.0	1.02
F06	09 Feb 2015	28	13.06	89.80	7.0	33.26	8.1	25.0	0.95
F06	09 Feb 2015	29	12.96	89.83	6.9	33.27	8.1	25.1	0.91
F06	09 Feb 2015	30	12.86	89.66	6.8	33.27	8.0	25.1	0.83
F06	09 Feb 2015	31	12.83	89.48	6.7	33.28	8.0	25.1	0.79
F06	09 Feb 2015	32	12.81	89.20	6.7	33.28	8.0	25.1	0.74
F06	09 Feb 2015	33	12.75	89.14	6.7	33.29	8.0	25.1	0.71
F06	09 Feb 2015	34	12.74	89.09	6.6	33.29	8.0	25.1	0.68
F06	09 Feb 2015	35	12.75	88.92	6.6	33.30	8.0	25.1	0.65
F06	09 Feb 2015	36	12.76	88.66	6.5	33.30	8.0	25.1	0.64
F06	09 Feb 2015	37	12.77	88.49	6.5	33.31	8.0	25.1	0.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F06	09 Feb 2015	38	12.78	88.39	6.5	33.31	8.0	25.1	0.59
F06	09 Feb 2015	39	12.79	87.88	6.4	33.32	8.0	25.1	0.57
F06	09 Feb 2015	40	12.76	87.36	6.3	33.32	8.0	25.1	0.56
F06	09 Feb 2015	41	12.70	87.09	6.3	33.31	8.0	25.1	0.50
F06	09 Feb 2015	42	12.48	86.90	6.2	33.31	8.0	25.2	0.48
F06	09 Feb 2015	43	12.29	87.62	6.3	33.31	8.0	25.2	0.49
F06	09 Feb 2015	44	12.18	88.63	6.4	33.31	8.0	25.2	0.50
F06	09 Feb 2015	45	12.09	89.19	6.4	33.32	8.0	25.3	0.49
F06	09 Feb 2015	46	12.02	89.66	6.3	33.33	8.0	25.3	0.48
F06	09 Feb 2015	47	11.95	89.73	6.3	33.33	8.0	25.3	0.46
F06	09 Feb 2015	48	11.87	89.76	6.2	33.34	8.0	25.3	0.45
F06	09 Feb 2015	49	11.83	89.24	6.2	33.36	8.0	25.3	0.45
F06	09 Feb 2015	50	11.83	88.57	6.2	33.36	8.0	25.3	0.45
F06	09 Feb 2015	51	11.82	87.83	6.1	33.37	8.0	25.4	0.44
F06	09 Feb 2015	52	11.79	86.95	6.0	33.38	8.0	25.4	0.43
F06	09 Feb 2015	53	11.76	87.28	6.0	33.38	8.0	25.4	0.44
F06	09 Feb 2015	54	11.75	87.42	5.9	33.39	8.0	25.4	0.41
F06	09 Feb 2015	55	11.73	87.30	5.9	33.39	8.0	25.4	0.41
F06	09 Feb 2015	56	11.71	86.79	5.9	33.40	8.0	25.4	0.39
F06	09 Feb 2015	57	11.66	84.77	5.8	33.40	7.9	25.4	0.41
F06	09 Feb 2015	58	11.63	78.44	5.8	33.41	7.9	25.4	0.40
F06	09 Feb 2015	59	11.63	76.51	5.8	33.41	7.9	25.4	0.41
F06	09 Feb 2015	60	11.62	76.07	5.8	33.41	7.9	25.4	0.40
F06	09 Feb 2015	61	11.62	75.27	5.8	33.41	7.9	25.4	0.42
F07	09 Feb 2015	1	16.85	86.54	8.0	33.35	8.2	24.3	0.91
F07	09 Feb 2015	2	16.85	86.31	8.0	33.35	8.2	24.3	0.95
F07	09 Feb 2015	3	16.84	86.64	7.9	33.34	8.2	24.3	1.01
F07	09 Feb 2015	4	16.85	86.61	7.9	33.34	8.2	24.3	1.07
F07	09 Feb 2015	5	16.83	86.62	8.0	33.34	8.2	24.3	1.05
F07	09 Feb 2015	6	16.74	86.99	8.0	33.37	8.2	24.3	0.95
F07	09 Feb 2015	7	16.71	88.09	8.0	33.37	8.2	24.3	0.95
F07	09 Feb 2015	8	16.67	88.25	8.0	33.36	8.2	24.3	1.06
F07	09 Feb 2015	9	16.55	88.04	8.0	33.34	8.2	24.3	1.23
F07	09 Feb 2015	10	16.38	87.80	8.0	33.32	8.2	24.4	1.24
F07	09 Feb 2015	11	16.22	88.01	7.9	33.32	8.2	24.4	1.48
F07	09 Feb 2015	12	15.91	87.54	7.8	33.27	8.2	24.4	2.00
F07	09 Feb 2015	13	15.83	86.66	7.8	33.30	8.2	24.5	2.09
F07	09 Feb 2015	14	15.46	86.75	7.7	33.25	8.2	24.5	2.41
F07	09 Feb 2015	15	14.95	86.29	7.8	33.27	8.2	24.6	2.70
F07	09 Feb 2015	16	14.93	86.27	7.8	33.27	8.2	24.6	2.90
F07	09 Feb 2015	17	14.75	86.07	7.7	33.27	8.2	24.7	2.98
F07	09 Feb 2015	18	14.70	86.05	7.6	33.28	8.1	24.7	2.88
F07	09 Feb 2015	19	14.57	86.26	7.4	33.29	8.1	24.7	2.40
F07	09 Feb 2015	20	14.41	86.75	7.2	33.30	8.1	24.8	2.05
F07	09 Feb 2015	21	14.15	87.23	7.1	33.28	8.1	24.8	1.63
F07	09 Feb 2015	22	13.83	88.47	7.1	33.27	8.1	24.9	1.40
F07	09 Feb 2015	23	13.63	88.79	7.1	33.27	8.1	24.9	1.25
F07	09 Feb 2015	24	13.47	89.16	7.1	33.26	8.1	24.9	1.18
F07	09 Feb 2015	25	13.35	89.22	7.1	33.26	8.1	25.0	1.11
F07	09 Feb 2015	26	13.26	89.57	7.0	33.26	8.1	25.0	1.04
F07	09 Feb 2015	27	13.15	89.42	6.9	33.27	8.1	25.0	0.92
F07	09 Feb 2015	28	13.07	89.15	6.8	33.27	8.1	25.0	0.89
F07	09 Feb 2015	29	12.87	89.43	6.8	33.26	8.1	25.1	0.82
F07	09 Feb 2015	30	12.79	89.73	6.7	33.28	8.0	25.1	0.79
F07	09 Feb 2015	31	12.78	89.45	6.6	33.29	8.0	25.1	0.72
F07	09 Feb 2015	32	12.76	89.15	6.5	33.30	8.0	25.1	0.68

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F07	09 Feb 2015	33	12.72	88.91	6.5	33.30	8.0	25.1	0.66
F07	09 Feb 2015	34	12.67	89.07	6.5	33.30	8.0	25.1	0.62
F07	09 Feb 2015	35	12.66	88.96	6.5	33.31	8.0	25.1	0.60
F07	09 Feb 2015	36	12.66	88.81	6.5	33.31	8.0	25.2	0.60
F07	09 Feb 2015	37	12.66	88.71	6.4	33.31	8.0	25.2	0.58
F07	09 Feb 2015	38	12.66	88.48	6.4	33.32	8.0	25.2	0.57
F07	09 Feb 2015	39	12.66	88.19	6.4	33.32	8.0	25.2	0.55
F07	09 Feb 2015	40	12.66	88.13	6.4	33.32	8.0	25.2	0.56
F07	09 Feb 2015	41	12.63	88.24	6.4	33.32	8.0	25.2	0.55
F07	09 Feb 2015	42	12.55	87.77	6.3	33.32	8.0	25.2	0.53
F07	09 Feb 2015	43	12.49	86.85	6.2	33.32	8.0	25.2	0.49
F07	09 Feb 2015	44	12.35	85.88	6.1	33.32	8.0	25.2	0.44
F07	09 Feb 2015	45	12.21	85.84	6.1	33.34	8.0	25.3	0.43
F07	09 Feb 2015	46	12.17	86.34	6.1	33.34	8.0	25.3	0.42
F07	09 Feb 2015	47	12.13	86.47	6.1	33.34	8.0	25.3	0.40
F07	09 Feb 2015	48	12.03	87.08	6.1	33.34	8.0	25.3	0.40
F07	09 Feb 2015	49	12.00	87.60	6.0	33.34	8.0	25.3	0.38
F07	09 Feb 2015	50	11.95	87.69	6.0	33.35	8.0	25.3	0.39
F07	09 Feb 2015	51	11.89	88.03	6.1	33.35	8.0	25.3	0.41
F07	09 Feb 2015	52	11.83	88.23	6.2	33.35	8.0	25.3	0.44
F07	09 Feb 2015	53	11.82	88.10	6.2	33.35	8.0	25.3	0.43
F07	09 Feb 2015	54	11.82	88.06	6.2	33.35	8.0	25.3	0.44
F07	09 Feb 2015	55	11.80	87.11	6.1	33.36	8.0	25.4	0.44
F07	09 Feb 2015	56	11.78	85.59	6.1	33.36	8.0	25.4	0.43
F07	09 Feb 2015	57	11.76	85.67	6.1	33.36	8.0	25.4	0.44
F07	09 Feb 2015	58	11.74	85.64	6.1	33.36	8.0	25.4	0.43
F07	09 Feb 2015	59	11.71	85.07	6.0	33.37	8.0	25.4	0.44
F07	09 Feb 2015	60	11.68	80.97	6.0	33.37	8.0	25.4	0.44
F07	09 Feb 2015	61	11.67	68.49	6.0	33.38	7.9	25.4	0.44
F08	09 Feb 2015	1	16.78	85.37	8.0	33.34	8.2	24.3	1.20
F08	09 Feb 2015	2	16.78	85.64	8.0	33.34	8.2	24.3	1.25
F08	09 Feb 2015	3	16.78	85.90	8.0	33.34	8.2	24.3	1.29
F08	09 Feb 2015	4	16.78	85.88	8.0	33.34	8.2	24.3	1.38
F08	09 Feb 2015	5	16.78	85.89	7.9	33.34	8.2	24.3	1.38
F08	09 Feb 2015	6	16.78	85.90	8.0	33.34	8.2	24.3	1.43
F08	09 Feb 2015	7	16.76	85.95	8.0	33.34	8.2	24.3	1.47
F08	09 Feb 2015	8	16.70	86.14	7.9	33.34	8.2	24.3	1.49
F08	09 Feb 2015	9	16.62	86.54	8.0	33.34	8.2	24.3	1.55
F08	09 Feb 2015	10	16.58	86.58	8.0	33.34	8.2	24.3	1.62
F08	09 Feb 2015	11	16.50	86.70	7.9	33.33	8.2	24.3	1.83
F08	09 Feb 2015	12	16.20	86.56	7.9	33.30	8.2	24.4	2.01
F08	09 Feb 2015	13	15.96	86.59	7.8	33.31	8.2	24.5	2.08
F08	09 Feb 2015	14	15.70	86.49	7.8	33.29	8.2	24.5	2.24
F08	09 Feb 2015	15	15.44	86.42	7.7	33.29	8.2	24.6	2.46
F08	09 Feb 2015	16	15.16	85.98	7.7	33.28	8.2	24.6	2.59
F08	09 Feb 2015	17	14.96	86.19	7.7	33.27	8.1	24.6	2.70
F08	09 Feb 2015	18	14.71	86.42	7.7	33.25	8.1	24.7	2.78
F08	09 Feb 2015	19	14.57	86.48	7.5	33.27	8.1	24.7	2.64
F08	09 Feb 2015	20	14.39	86.66	7.3	33.28	8.1	24.8	2.26
F08	09 Feb 2015	21	14.20	87.08	7.1	33.29	8.1	24.8	1.95
F08	09 Feb 2015	22	14.05	87.66	7.1	33.29	8.1	24.9	1.68
F08	09 Feb 2015	23	13.94	88.23	7.0	33.28	8.1	24.9	1.49
F08	09 Feb 2015	24	13.69	88.61	7.0	33.27	8.1	24.9	1.32
F08	09 Feb 2015	25	13.54	88.91	6.9	33.29	8.1	25.0	1.20
F08	09 Feb 2015	26	13.34	88.94	6.8	33.28	8.1	25.0	1.08
F08	09 Feb 2015	27	13.22	88.91	6.8	33.30	8.1	25.0	1.04

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F08	09 Feb 2015	28	13.20	88.76	6.8	33.30	8.1	25.0	1.00
F08	09 Feb 2015	29	13.16	88.87	6.8	33.29	8.0	25.0	0.97
F08	09 Feb 2015	30	13.13	89.00	6.8	33.28	8.0	25.0	0.92
F08	09 Feb 2015	31	13.09	89.04	6.7	33.30	8.0	25.1	0.84
F08	09 Feb 2015	32	13.12	88.44	6.6	33.32	8.0	25.1	0.78
F08	09 Feb 2015	33	13.12	88.09	6.5	33.32	8.0	25.1	0.76
F08	09 Feb 2015	34	13.11	88.01	6.6	33.32	8.0	25.1	0.75
F08	09 Feb 2015	35	13.11	88.03	6.6	33.32	8.0	25.1	0.74
F08	09 Feb 2015	36	13.10	88.01	6.6	33.32	8.0	25.1	0.73
F08	09 Feb 2015	37	13.04	87.91	6.5	33.31	8.0	25.1	0.70
F08	09 Feb 2015	38	12.95	86.99	6.5	33.32	8.0	25.1	0.66
F08	09 Feb 2015	39	12.93	86.52	6.5	33.32	8.0	25.1	0.64
F08	09 Feb 2015	40	12.90	85.34	6.4	33.32	8.0	25.1	0.63
F08	09 Feb 2015	41	12.85	84.39	6.3	33.31	8.0	25.1	0.58
F08	09 Feb 2015	42	12.73	82.29	6.3	33.32	8.0	25.1	0.55
F08	09 Feb 2015	43	12.69	82.12	6.3	33.32	8.0	25.2	0.52
F08	09 Feb 2015	44	12.61	83.42	6.2	33.31	8.0	25.2	0.49
F08	09 Feb 2015	45	12.39	82.96	6.1	33.31	8.0	25.2	0.44
F08	09 Feb 2015	46	12.24	82.03	6.1	33.33	8.0	25.2	0.43
F08	09 Feb 2015	47	12.21	81.88	6.0	33.33	8.0	25.3	0.42
F08	09 Feb 2015	48	12.18	82.05	6.0	33.33	8.0	25.3	0.42
F08	09 Feb 2015	49	12.12	81.63	6.0	33.33	8.0	25.3	0.40
F08	09 Feb 2015	50	12.09	79.28	6.0	33.33	8.0	25.3	0.40
F08	09 Feb 2015	51	12.11	79.26	6.0	33.34	8.0	25.3	0.40
F08	09 Feb 2015	52	12.08	79.37	6.0	33.34	8.0	25.3	0.40
F08	09 Feb 2015	53	12.02	78.43	6.0	33.35	8.0	25.3	0.40
F08	09 Feb 2015	54	11.97	78.24	6.0	33.35	8.0	25.3	0.42
F08	09 Feb 2015	55	11.86	78.18	6.1	33.35	8.0	25.3	0.41
F08	09 Feb 2015	56	11.84	75.29	6.0	33.36	8.0	25.3	0.42
F08	09 Feb 2015	57	11.81	68.60	5.9	33.36	8.0	25.4	0.40
F08	09 Feb 2015	58	11.80	65.24	5.9	33.37	7.9	25.4	0.41
F08	09 Feb 2015	59	11.80	63.64	5.9	33.37	7.9	25.4	0.40
F08	09 Feb 2015	60	11.78	61.19	5.8	33.36	7.9	25.4	0.38
F08	09 Feb 2015	61	11.68	64.02	5.8	33.38	7.9	25.4	0.40
F08	09 Feb 2015	62	11.65	55.35	5.8	33.39	7.9	25.4	0.37
F09	09 Feb 2015	1	16.76	85.60	8.0	33.34	8.2	24.3	1.28
F09	09 Feb 2015	2	16.75	85.57	7.9	33.34	8.2	24.3	1.35
F09	09 Feb 2015	3	16.75	85.54	8.0	33.34	8.2	24.3	1.42
F09	09 Feb 2015	4	16.74	85.61	8.0	33.34	8.2	24.3	1.48
F09	09 Feb 2015	5	16.74	85.60	7.9	33.34	8.2	24.3	1.51
F09	09 Feb 2015	6	16.66	86.04	8.0	33.33	8.2	24.3	1.53
F09	09 Feb 2015	7	16.62	86.49	8.0	33.34	8.2	24.3	1.57
F09	09 Feb 2015	8	16.58	86.57	7.9	33.33	8.2	24.3	1.63
F09	09 Feb 2015	9	16.45	86.95	8.0	33.32	8.2	24.4	1.77
F09	09 Feb 2015	10	16.30	87.19	8.0	33.32	8.2	24.4	1.92
F09	09 Feb 2015	11	16.24	87.33	7.9	33.31	8.2	24.4	1.97
F09	09 Feb 2015	12	15.93	87.01	7.7	33.29	8.2	24.4	2.12
F09	09 Feb 2015	13	15.52	86.34	7.7	33.30	8.2	24.6	2.27
F09	09 Feb 2015	14	15.33	86.22	7.6	33.29	8.2	24.6	2.37
F09	09 Feb 2015	15	15.08	86.13	7.6	33.28	8.1	24.6	2.51
F09	09 Feb 2015	16	14.75	86.26	7.6	33.27	8.1	24.7	2.69
F09	09 Feb 2015	17	14.57	86.40	7.6	33.27	8.1	24.7	2.70
F09	09 Feb 2015	18	14.49	86.47	7.4	33.28	8.1	24.8	2.40
F09	09 Feb 2015	19	14.33	86.85	7.2	33.29	8.1	24.8	2.11
F09	09 Feb 2015	20	14.18	87.28	7.2	33.29	8.1	24.8	1.83
F09	09 Feb 2015	21	13.95	87.69	7.1	33.28	8.1	24.9	1.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F09	09 Feb 2015	22	13.81	88.45	7.1	33.29	8.1	24.9	1.44
F09	09 Feb 2015	23	13.79	88.14	7.0	33.29	8.1	24.9	1.35
F09	09 Feb 2015	24	13.67	88.65	7.0	33.28	8.1	24.9	1.27
F09	09 Feb 2015	25	13.57	88.81	7.0	33.29	8.1	25.0	1.22
F09	09 Feb 2015	26	13.51	88.88	6.9	33.29	8.1	25.0	1.14
F09	09 Feb 2015	27	13.44	88.79	6.9	33.28	8.1	25.0	1.05
F09	09 Feb 2015	28	13.35	88.68	6.9	33.29	8.1	25.0	0.96
F09	09 Feb 2015	29	13.30	88.80	6.8	33.29	8.1	25.0	0.97
F09	09 Feb 2015	30	13.21	89.02	6.8	33.30	8.1	25.0	0.88
F09	09 Feb 2015	31	13.14	88.89	6.6	33.30	8.0	25.1	0.78
F09	09 Feb 2015	32	13.06	87.26	6.5	33.31	8.0	25.1	0.70
F09	09 Feb 2015	33	13.02	86.51	6.4	33.31	8.0	25.1	0.67
F09	09 Feb 2015	34	13.00	86.76	6.5	33.32	8.0	25.1	0.68
F09	09 Feb 2015	35	13.01	87.74	6.6	33.32	8.0	25.1	0.70
F09	09 Feb 2015	36	12.98	87.75	6.5	33.31	8.0	25.1	0.69
F09	09 Feb 2015	37	12.96	87.42	6.5	33.32	8.0	25.1	0.67
F09	09 Feb 2015	38	12.94	87.41	6.5	33.32	8.0	25.1	0.67
F09	09 Feb 2015	39	12.93	87.60	6.5	33.32	8.0	25.1	0.65
F09	09 Feb 2015	40	12.90	87.31	6.4	33.31	8.0	25.1	0.62
F09	09 Feb 2015	41	12.86	86.70	6.5	33.31	8.0	25.1	0.61
F09	09 Feb 2015	42	12.81	86.74	6.4	33.30	8.0	25.1	0.60
F09	09 Feb 2015	43	12.69	86.79	6.4	33.31	8.0	25.1	0.56
F09	09 Feb 2015	44	12.61	86.49	6.3	33.31	8.0	25.2	0.51
F09	09 Feb 2015	45	12.51	85.98	6.3	33.32	8.0	25.2	0.49
F09	09 Feb 2015	46	12.44	83.76	6.2	33.32	8.0	25.2	0.47
F09	09 Feb 2015	47	12.29	83.61	6.2	33.32	8.0	25.2	0.44
F09	09 Feb 2015	48	12.11	84.46	6.1	33.33	8.0	25.3	0.41
F09	09 Feb 2015	49	12.07	83.74	6.0	33.34	8.0	25.3	0.38
F09	09 Feb 2015	50	12.05	82.11	6.0	33.34	8.0	25.3	0.39
F09	09 Feb 2015	51	11.99	81.19	5.9	33.35	8.0	25.3	0.36
F09	09 Feb 2015	52	11.90	80.77	5.8	33.35	8.0	25.3	0.36
F09	09 Feb 2015	53	11.86	79.61	5.8	33.36	7.9	25.3	0.35
F09	09 Feb 2015	54	11.83	78.10	5.8	33.36	7.9	25.3	0.34
F09	09 Feb 2015	55	11.77	79.27	5.8	33.37	7.9	25.4	0.33
F09	09 Feb 2015	56	11.73	80.66	5.8	33.37	7.9	25.4	0.33
F09	09 Feb 2015	57	11.66	81.39	5.7	33.38	7.9	25.4	0.33
F09	09 Feb 2015	58	11.62	75.64	5.7	33.38	7.9	25.4	0.33
F09	09 Feb 2015	59	11.60	75.04	5.7	33.39	7.9	25.4	0.33
F09	09 Feb 2015	60	11.59	68.64	5.6	33.39	7.9	25.4	0.35
F09	09 Feb 2015	61	11.59	64.36	5.6	33.40	7.9	25.4	0.37
F09	09 Feb 2015	62	11.59	60.48	5.6	33.40	7.9	25.4	0.46
F10	09 Feb 2015	1	16.78	83.21	8.1	33.35	8.2	24.3	1.29
F10	09 Feb 2015	2	16.78	83.28	8.1	33.35	8.2	24.3	1.37
F10	09 Feb 2015	3	16.77	83.91	8.1	33.35	8.2	24.3	1.51
F10	09 Feb 2015	4	16.75	84.08	8.1	33.35	8.2	24.3	1.58
F10	09 Feb 2015	5	16.74	84.21	8.0	33.35	8.2	24.3	1.66
F10	09 Feb 2015	6	16.72	84.36	8.0	33.34	8.2	24.3	1.72
F10	09 Feb 2015	7	16.69	84.68	8.0	33.34	8.2	24.3	1.80
F10	09 Feb 2015	8	16.64	84.92	8.0	33.34	8.2	24.3	1.89
F10	09 Feb 2015	9	16.59	85.15	7.9	33.33	8.2	24.3	1.92
F10	09 Feb 2015	10	16.47	85.40	7.8	33.33	8.2	24.4	1.97
F10	09 Feb 2015	11	16.19	85.67	7.8	33.32	8.2	24.4	2.06
F10	09 Feb 2015	12	15.94	85.77	7.7	33.29	8.2	24.4	2.10
F10	09 Feb 2015	13	15.45	86.00	7.6	33.30	8.2	24.6	2.23
F10	09 Feb 2015	14	15.27	86.00	7.6	33.30	8.1	24.6	2.32
F10	09 Feb 2015	15	14.94	86.08	7.5	33.28	8.1	24.7	2.39

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F10	09 Feb 2015	16	14.79	86.13	7.5	33.29	8.1	24.7	2.47
F10	09 Feb 2015	17	14.71	86.23	7.5	33.28	8.1	24.7	2.44
F10	09 Feb 2015	18	14.57	86.48	7.5	33.29	8.1	24.7	2.35
F10	09 Feb 2015	19	14.51	86.68	7.4	33.30	8.1	24.8	2.30
F10	09 Feb 2015	20	14.48	86.69	7.3	33.30	8.1	24.8	2.21
F10	09 Feb 2015	21	14.32	86.87	7.2	33.29	8.1	24.8	2.02
F10	09 Feb 2015	22	14.13	87.11	7.2	33.29	8.1	24.8	1.80
F10	09 Feb 2015	23	14.05	87.62	7.1	33.30	8.1	24.9	1.59
F10	09 Feb 2015	24	13.95	87.86	7.0	33.29	8.1	24.9	1.37
F10	09 Feb 2015	25	13.87	87.92	6.9	33.30	8.1	24.9	1.23
F10	09 Feb 2015	26	13.77	87.60	6.9	33.30	8.1	24.9	1.16
F10	09 Feb 2015	27	13.63	87.97	6.9	33.29	8.1	24.9	1.04
F10	09 Feb 2015	28	13.45	88.08	6.7	33.31	8.1	25.0	0.90
F10	09 Feb 2015	29	13.43	87.23	6.6	33.32	8.0	25.0	0.86
F10	09 Feb 2015	30	13.37	87.16	6.6	33.31	8.0	25.0	0.81
F10	09 Feb 2015	31	13.30	87.61	6.7	33.31	8.0	25.0	0.80
F10	09 Feb 2015	32	13.24	87.81	6.6	33.31	8.0	25.0	0.77
F10	09 Feb 2015	33	13.18	87.30	6.6	33.31	8.0	25.0	0.71
F10	09 Feb 2015	34	13.12	86.58	6.5	33.31	8.0	25.1	0.67
F10	09 Feb 2015	35	13.08	86.26	6.5	33.31	8.0	25.1	0.67
F10	09 Feb 2015	36	13.06	86.29	6.5	33.31	8.0	25.1	0.64
F10	09 Feb 2015	37	12.97	86.64	6.5	33.31	8.0	25.1	0.64
F10	09 Feb 2015	38	12.91	87.09	6.5	33.31	8.0	25.1	0.62
F10	09 Feb 2015	39	12.80	87.40	6.5	33.31	8.0	25.1	0.60
F10	09 Feb 2015	40	12.75	87.39	6.4	33.31	8.0	25.1	0.58
F10	09 Feb 2015	41	12.72	88.04	6.5	33.31	8.0	25.1	0.60
F10	09 Feb 2015	42	12.67	88.57	6.5	33.31	8.0	25.1	0.57
F10	09 Feb 2015	43	12.62	88.40	6.4	33.31	8.0	25.2	0.55
F10	09 Feb 2015	44	12.58	87.94	6.3	33.31	8.0	25.2	0.52
F10	09 Feb 2015	45	12.51	88.30	6.3	33.31	8.0	25.2	0.52
F10	09 Feb 2015	46	12.43	88.38	6.3	33.32	8.0	25.2	0.50
F10	09 Feb 2015	47	12.38	87.79	6.3	33.32	8.0	25.2	0.48
F10	09 Feb 2015	48	12.34	87.11	6.3	33.32	8.0	25.2	0.47
F10	09 Feb 2015	49	12.24	86.25	6.2	33.32	8.0	25.2	0.44
F10	09 Feb 2015	50	12.13	86.66	6.2	33.33	8.0	25.3	0.42
F10	09 Feb 2015	51	12.09	86.72	6.1	33.33	8.0	25.3	0.40
F10	09 Feb 2015	52	12.01	85.64	6.0	33.34	8.0	25.3	0.38
F10	09 Feb 2015	53	11.86	86.55	6.0	33.34	8.0	25.3	0.37
F10	09 Feb 2015	54	11.72	88.13	5.8	33.35	7.9	25.4	0.35
F10	09 Feb 2015	55	11.63	88.00	5.7	33.35	7.9	25.4	0.35
F10	09 Feb 2015	56	11.55	81.23	5.8	33.37	7.9	25.4	0.34
F10	09 Feb 2015	57	11.54	78.97	5.7	33.37	7.9	25.4	0.33
F10	09 Feb 2015	58	11.54	78.89	5.7	33.37	7.9	25.4	0.34
F10	09 Feb 2015	59	11.54	77.26	5.7	33.37	7.9	25.4	0.33
F10	09 Feb 2015	60	11.53	76.05	5.7	33.37	7.9	25.4	0.33
F10	09 Feb 2015	61	11.49	78.84	5.7	33.37	7.9	25.4	0.34
F10	09 Feb 2015	62	11.49	77.39	5.7	33.37	7.9	25.4	0.34
F11	09 Feb 2015	1	16.76	84.79	7.9	33.34	8.2	24.3	1.31
F11	09 Feb 2015	2	16.77	85.20	7.9	33.34	8.2	24.3	1.32
F11	09 Feb 2015	3	16.76	85.45	8.0	33.34	8.2	24.3	1.38
F11	09 Feb 2015	4	16.76	85.50	8.0	33.34	8.2	24.3	1.46
F11	09 Feb 2015	5	16.76	85.49	7.9	33.34	8.2	24.3	1.51
F11	09 Feb 2015	6	16.74	85.45	7.9	33.34	8.2	24.3	1.55
F11	09 Feb 2015	7	16.72	85.30	7.9	33.34	8.2	24.3	1.63
F11	09 Feb 2015	8	16.70	85.24	7.9	33.34	8.2	24.3	1.73
F11	09 Feb 2015	9	16.60	85.31	7.9	33.32	8.2	24.3	1.96

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F11	09 Feb 2015	10	16.43	84.73	7.9	33.33	8.2	24.4	2.16
F11	09 Feb 2015	11	16.39	84.70	7.8	33.33	8.2	24.4	2.21
F11	09 Feb 2015	12	16.03	84.84	7.6	33.29	8.2	24.4	2.34
F11	09 Feb 2015	13	15.62	85.07	7.5	33.30	8.2	24.5	2.38
F11	09 Feb 2015	14	15.28	85.31	7.4	33.27	8.1	24.6	2.29
F11	09 Feb 2015	15	14.98	85.35	7.4	33.30	8.1	24.7	2.26
F11	09 Feb 2015	16	14.88	85.31	7.4	33.30	8.1	24.7	2.22
F11	09 Feb 2015	17	14.76	85.51	7.4	33.29	8.1	24.7	2.10
F11	09 Feb 2015	18	14.62	86.19	7.4	33.30	8.1	24.7	2.05
F11	09 Feb 2015	19	14.61	85.90	7.3	33.30	8.1	24.7	1.96
F11	09 Feb 2015	20	14.44	86.79	7.2	33.30	8.1	24.8	1.80
F11	09 Feb 2015	21	14.26	87.49	7.2	33.29	8.1	24.8	1.65
F11	09 Feb 2015	22	14.06	87.72	7.1	33.29	8.1	24.9	1.53
F11	09 Feb 2015	23	13.88	87.83	7.0	33.29	8.1	24.9	1.43
F11	09 Feb 2015	24	13.77	88.13	7.0	33.28	8.1	24.9	1.27
F11	09 Feb 2015	25	13.67	88.64	7.0	33.29	8.1	24.9	1.19
F11	09 Feb 2015	26	13.62	88.60	6.9	33.29	8.1	24.9	1.08
F11	09 Feb 2015	27	13.48	87.85	6.7	33.30	8.1	25.0	0.95
F11	09 Feb 2015	28	13.41	87.58	6.7	33.31	8.0	25.0	0.88
F11	09 Feb 2015	29	13.27	87.32	6.6	33.30	8.0	25.0	0.83
F11	09 Feb 2015	30	13.20	87.54	6.6	33.31	8.0	25.0	0.81
F11	09 Feb 2015	31	13.17	87.71	6.6	33.31	8.0	25.1	0.78
F11	09 Feb 2015	32	13.13	87.57	6.6	33.31	8.0	25.1	0.75
F11	09 Feb 2015	33	13.03	87.37	6.5	33.31	8.0	25.1	0.74
F11	09 Feb 2015	34	12.97	87.69	6.5	33.30	8.0	25.1	0.70
F11	09 Feb 2015	35	12.79	89.01	6.6	33.30	8.0	25.1	0.69
F11	09 Feb 2015	36	12.71	89.48	6.6	33.31	8.0	25.1	0.66
F11	09 Feb 2015	37	12.60	89.55	6.5	33.30	8.0	25.2	0.62
F11	09 Feb 2015	38	12.47	89.70	6.5	33.31	8.0	25.2	0.58
F11	09 Feb 2015	39	12.35	89.72	6.4	33.32	8.0	25.2	0.51
F11	09 Feb 2015	40	12.26	89.36	6.3	33.32	8.0	25.2	0.46
F11	09 Feb 2015	41	12.15	89.20	6.2	33.32	8.0	25.3	0.43
F11	09 Feb 2015	42	12.09	89.31	6.2	33.33	8.0	25.3	0.42
F11	09 Feb 2015	43	12.06	89.22	6.2	33.33	8.0	25.3	0.40
F11	09 Feb 2015	44	12.00	88.24	6.1	33.33	8.0	25.3	0.40
F11	09 Feb 2015	45	11.97	87.12	6.1	33.34	8.0	25.3	0.38
F11	09 Feb 2015	46	11.96	86.53	6.1	33.34	8.0	25.3	0.37
F11	09 Feb 2015	47	11.93	86.25	6.0	33.35	8.0	25.3	0.38
F11	09 Feb 2015	48	11.89	85.67	6.0	33.35	8.0	25.3	0.37
F11	09 Feb 2015	49	11.81	84.87	5.9	33.35	8.0	25.3	0.35
F11	09 Feb 2015	50	11.71	84.79	5.8	33.36	7.9	25.4	0.35
F11	09 Feb 2015	51	11.61	85.07	5.7	33.35	7.9	25.4	0.32
F11	09 Feb 2015	52	11.54	87.38	5.7	33.35	7.9	25.4	0.32
F11	09 Feb 2015	53	11.51	88.05	5.7	33.35	7.9	25.4	0.33
F11	09 Feb 2015	54	11.49	88.25	5.7	33.36	7.9	25.4	0.32
F11	09 Feb 2015	55	11.50	87.13	5.7	33.37	7.9	25.4	0.32
F11	09 Feb 2015	56	11.52	83.23	5.7	33.38	7.9	25.4	0.33
F11	09 Feb 2015	57	11.53	81.99	5.7	33.38	7.9	25.4	0.31
F11	09 Feb 2015	58	11.53	80.61	5.7	33.38	7.9	25.4	0.32
F11	09 Feb 2015	59	11.51	80.57	5.7	33.38	7.9	25.4	0.33
F11	09 Feb 2015	60	11.49	78.26	5.6	33.38	7.9	25.4	0.34
F11	09 Feb 2015	61	11.49	74.91	5.7	33.38	7.9	25.4	0.36
F12	09 Feb 2015	1	16.80	85.19	7.9	33.34	8.2	24.3	1.26
F12	09 Feb 2015	2	16.81	85.75	7.9	33.34	8.2	24.3	1.27
F12	09 Feb 2015	3	16.80	85.86	7.9	33.34	8.2	24.3	1.34
F12	09 Feb 2015	4	16.80	85.89	7.9	33.34	8.2	24.3	1.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F12	09 Feb 2015	5	16.78	85.78	7.9	33.34	8.2	24.3	1.44
F12	09 Feb 2015	6	16.77	85.73	7.9	33.34	8.2	24.3	1.50
F12	09 Feb 2015	7	16.75	85.70	7.9	33.34	8.2	24.3	1.53
F12	09 Feb 2015	8	16.72	85.79	7.9	33.34	8.2	24.3	1.61
F12	09 Feb 2015	9	16.70	85.80	7.9	33.34	8.2	24.3	1.66
F12	09 Feb 2015	10	16.62	85.83	7.9	33.33	8.2	24.3	1.85
F12	09 Feb 2015	11	16.44	85.65	7.9	33.31	8.2	24.4	1.97
F12	09 Feb 2015	12	16.24	85.71	7.8	33.32	8.2	24.4	2.06
F12	09 Feb 2015	13	16.04	85.74	7.7	33.30	8.2	24.4	2.08
F12	09 Feb 2015	14	15.49	85.53	7.6	33.29	8.2	24.5	2.07
F12	09 Feb 2015	15	15.27	85.39	7.6	33.30	8.1	24.6	2.07
F12	09 Feb 2015	16	15.12	85.49	7.5	33.30	8.1	24.6	2.06
F12	09 Feb 2015	17	14.99	85.53	7.4	33.30	8.1	24.7	2.00
F12	09 Feb 2015	18	14.89	85.66	7.4	33.31	8.1	24.7	1.99
F12	09 Feb 2015	19	14.79	85.88	7.3	33.30	8.1	24.7	1.90
F12	09 Feb 2015	20	14.62	86.27	7.3	33.30	8.1	24.7	1.83
F12	09 Feb 2015	21	14.51	86.58	7.2	33.30	8.1	24.8	1.77
F12	09 Feb 2015	22	14.31	87.18	7.2	33.30	8.1	24.8	1.63
F12	09 Feb 2015	23	14.17	87.70	7.1	33.29	8.1	24.8	1.52
F12	09 Feb 2015	24	14.04	87.84	7.1	33.30	8.1	24.9	1.45
F12	09 Feb 2015	25	13.94	87.80	7.0	33.30	8.1	24.9	1.34
F12	09 Feb 2015	26	13.86	87.71	6.9	33.30	8.1	24.9	1.26
F12	09 Feb 2015	27	13.76	87.47	6.9	33.30	8.1	24.9	1.15
F12	09 Feb 2015	28	13.67	86.92	6.8	33.31	8.1	24.9	1.09
F12	09 Feb 2015	29	13.53	86.78	6.7	33.30	8.1	25.0	1.01
F12	09 Feb 2015	30	13.43	86.71	6.7	33.30	8.0	25.0	0.94
F12	09 Feb 2015	31	13.40	86.65	6.7	33.31	8.0	25.0	0.90
F12	09 Feb 2015	32	13.38	86.55	6.7	33.31	8.0	25.0	0.89
F12	09 Feb 2015	33	13.29	86.75	6.6	33.31	8.0	25.0	0.84
F12	09 Feb 2015	34	13.21	86.54	6.6	33.31	8.0	25.0	0.79
F12	09 Feb 2015	35	13.09	87.25	6.6	33.31	8.0	25.1	0.77
F12	09 Feb 2015	36	13.01	87.66	6.6	33.31	8.0	25.1	0.76
F12	09 Feb 2015	37	12.92	87.75	6.5	33.30	8.0	25.1	0.73
F12	09 Feb 2015	38	12.76	88.64	6.6	33.31	8.0	25.1	0.71
F12	09 Feb 2015	39	12.72	89.04	6.6	33.31	8.0	25.1	0.69
F12	09 Feb 2015	40	12.66	89.16	6.5	33.31	8.0	25.1	0.66
F12	09 Feb 2015	41	12.58	89.22	6.5	33.31	8.0	25.2	0.62
F12	09 Feb 2015	42	12.43	89.33	6.4	33.31	8.0	25.2	0.57
F12	09 Feb 2015	43	12.30	89.50	6.4	33.32	8.0	25.2	0.52
F12	09 Feb 2015	44	12.08	89.64	6.3	33.32	8.0	25.3	0.46
F12	09 Feb 2015	45	11.93	89.61	6.1	33.34	8.0	25.3	0.40
F12	09 Feb 2015	46	11.88	89.35	6.0	33.35	8.0	25.3	0.37
F12	09 Feb 2015	47	11.87	89.26	6.0	33.35	8.0	25.3	0.36
F12	09 Feb 2015	48	11.86	89.24	6.0	33.35	8.0	25.3	0.37
F12	09 Feb 2015	49	11.83	89.16	6.0	33.35	8.0	25.3	0.34
F12	09 Feb 2015	50	11.80	88.98	6.0	33.35	8.0	25.4	0.33
F12	09 Feb 2015	51	11.79	88.89	6.0	33.36	8.0	25.4	0.32
F12	09 Feb 2015	52	11.78	88.83	6.0	33.36	7.9	25.4	0.31
F12	09 Feb 2015	53	11.78	88.62	5.9	33.36	7.9	25.4	0.31
F12	09 Feb 2015	54	11.76	87.59	5.9	33.36	7.9	25.4	0.32
F12	09 Feb 2015	55	11.75	84.77	5.9	33.37	7.9	25.4	0.33
F12	09 Feb 2015	56	11.74	82.55	5.9	33.37	7.9	25.4	0.33
F12	09 Feb 2015	57	11.73	79.92	5.9	33.37	7.9	25.4	0.32
F12	09 Feb 2015	58	11.73	76.45	5.9	33.38	7.9	25.4	0.34
F12	09 Feb 2015	59	11.72	77.88	5.8	33.37	7.9	25.4	0.34
F12	09 Feb 2015	60	11.71	74.06	5.8	33.38	7.9	25.4	0.34
F12	09 Feb 2015	61	11.71	73.78	5.8	33.38	7.9	25.4	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F12	09 Feb 2015	62	11.71	70.17	5.8	33.38	7.9	25.4	0.35
F13	09 Feb 2015	1	16.83	83.83	7.9	33.34	8.2	24.3	1.22
F13	09 Feb 2015	2	16.82	84.37	7.9	33.34	8.2	24.3	1.27
F13	09 Feb 2015	3	16.82	84.82	7.9	33.34	8.2	24.3	1.29
F13	09 Feb 2015	4	16.82	84.99	7.9	33.34	8.2	24.3	1.34
F13	09 Feb 2015	5	16.82	84.94	7.9	33.34	8.2	24.3	1.36
F13	09 Feb 2015	6	16.82	85.12	7.9	33.34	8.2	24.3	1.41
F13	09 Feb 2015	7	16.80	85.11	7.9	33.34	8.2	24.3	1.48
F13	09 Feb 2015	8	16.80	85.11	7.9	33.34	8.2	24.3	1.52
F13	09 Feb 2015	9	16.76	85.12	7.9	33.34	8.2	24.3	1.67
F13	09 Feb 2015	10	16.69	85.18	8.0	33.34	8.2	24.3	1.86
F13	09 Feb 2015	11	16.63	85.14	8.0	33.34	8.2	24.3	1.99
F13	09 Feb 2015	12	16.60	85.10	8.0	33.34	8.2	24.3	2.05
F13	09 Feb 2015	13	16.58	85.16	8.0	33.33	8.2	24.3	2.08
F13	09 Feb 2015	14	16.45	85.24	7.8	33.32	8.2	24.4	2.06
F13	09 Feb 2015	15	16.19	85.56	7.8	33.32	8.2	24.4	2.00
F13	09 Feb 2015	16	16.00	85.82	7.8	33.33	8.2	24.5	2.01
F13	09 Feb 2015	17	15.92	85.67	7.7	33.31	8.2	24.5	1.99
F13	09 Feb 2015	18	15.46	85.27	7.6	33.31	8.1	24.6	1.98
F13	09 Feb 2015	19	15.32	84.86	7.6	33.31	8.1	24.6	1.97
F13	09 Feb 2015	20	15.19	84.71	7.5	33.31	8.1	24.6	1.97
F13	09 Feb 2015	21	15.04	84.73	7.4	33.30	8.1	24.7	1.96
F13	09 Feb 2015	22	14.87	84.88	7.4	33.29	8.1	24.7	1.89
F13	09 Feb 2015	23	14.61	85.19	7.3	33.30	8.1	24.7	1.86
F13	09 Feb 2015	24	14.61	85.32	7.2	33.30	8.1	24.7	1.82
F13	09 Feb 2015	25	14.47	85.53	7.2	33.29	8.1	24.8	1.73
F13	09 Feb 2015	26	14.32	85.73	7.2	33.30	8.1	24.8	1.69
F13	09 Feb 2015	27	14.23	86.01	7.1	33.30	8.1	24.8	1.64
F13	09 Feb 2015	28	14.08	86.53	7.1	33.30	8.1	24.9	1.59
F13	09 Feb 2015	29	13.97	86.78	7.1	33.30	8.1	24.9	1.56
F13	09 Feb 2015	30	13.86	86.94	7.0	33.29	8.1	24.9	1.49
F13	09 Feb 2015	31	13.78	87.12	7.0	33.29	8.1	24.9	1.44
F13	09 Feb 2015	32	13.72	87.13	7.0	33.30	8.1	24.9	1.39
F13	09 Feb 2015	33	13.63	86.95	6.8	33.28	8.1	24.9	1.21
F13	09 Feb 2015	34	13.41	86.72	6.7	33.30	8.0	25.0	1.04
F13	09 Feb 2015	35	13.36	86.45	6.7	33.31	8.0	25.0	0.92
F13	09 Feb 2015	36	13.35	86.71	6.6	33.31	8.0	25.0	0.88
F13	09 Feb 2015	37	13.31	86.22	6.6	33.31	8.0	25.0	0.85
F13	09 Feb 2015	38	13.26	85.89	6.6	33.31	8.0	25.0	0.83
F13	09 Feb 2015	39	13.25	86.23	6.6	33.31	8.0	25.0	0.78
F13	09 Feb 2015	40	13.19	86.16	6.5	33.31	8.0	25.0	0.75
F13	09 Feb 2015	41	13.11	85.93	6.5	33.31	8.0	25.1	0.74
F13	09 Feb 2015	42	13.03	86.25	6.5	33.31	8.0	25.1	0.72
F13	09 Feb 2015	43	12.98	86.30	6.5	33.31	8.0	25.1	0.70
F13	09 Feb 2015	44	12.92	86.05	6.5	33.30	8.0	25.1	0.65
F13	09 Feb 2015	45	12.75	86.79	6.5	33.30	8.0	25.1	0.63
F13	09 Feb 2015	46	12.63	87.20	6.4	33.31	8.0	25.2	0.58
F13	09 Feb 2015	47	12.55	87.23	6.4	33.32	8.0	25.2	0.53
F13	09 Feb 2015	48	12.51	86.39	6.3	33.32	8.0	25.2	0.55
F13	09 Feb 2015	49	12.41	85.77	6.3	33.32	8.0	25.2	0.52
F13	09 Feb 2015	50	12.33	85.76	6.2	33.32	8.0	25.2	0.49
F13	09 Feb 2015	51	12.16	86.73	6.2	33.33	8.0	25.3	0.46
F13	09 Feb 2015	52	12.10	86.93	6.2	33.34	8.0	25.3	0.43
F13	09 Feb 2015	53	12.00	86.44	6.0	33.34	8.0	25.3	0.40
F13	09 Feb 2015	54	11.85	86.53	5.9	33.34	8.0	25.3	0.36
F13	09 Feb 2015	55	11.78	86.81	5.9	33.36	7.9	25.4	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F13	09 Feb 2015	56	11.74	86.54	5.8	33.36	7.9	25.4	0.33
F13	09 Feb 2015	57	11.71	84.91	5.8	33.36	7.9	25.4	0.32
F13	09 Feb 2015	58	11.71	76.82	5.8	33.37	7.9	25.4	0.32
F13	09 Feb 2015	59	11.70	73.82	5.8	33.37	7.9	25.4	0.31
F13	09 Feb 2015	60	11.69	70.33	5.8	33.37	7.9	25.4	0.32
F13	09 Feb 2015	61	11.68	70.47	5.8	33.37	7.9	25.4	0.32
F14	09 Feb 2015	1	16.66	82.66	7.9	33.34	8.2	24.3	1.53
F14	09 Feb 2015	2	16.66	84.98	8.0	33.34	8.2	24.3	1.62
F14	09 Feb 2015	3	16.66	85.07	7.9	33.34	8.2	24.3	1.65
F14	09 Feb 2015	4	16.65	85.02	8.0	33.34	8.2	24.3	1.73
F14	09 Feb 2015	5	16.64	84.98	7.9	33.34	8.2	24.3	1.77
F14	09 Feb 2015	6	16.61	84.92	8.0	33.34	8.2	24.3	1.83
F14	09 Feb 2015	7	16.60	84.92	8.0	33.34	8.2	24.3	1.88
F14	09 Feb 2015	8	16.56	84.90	7.9	33.34	8.2	24.3	1.94
F14	09 Feb 2015	9	16.55	85.09	7.9	33.34	8.2	24.3	1.98
F14	09 Feb 2015	10	16.54	85.27	7.9	33.34	8.2	24.3	1.90
F14	09 Feb 2015	11	16.40	85.99	7.9	33.33	8.2	24.4	1.83
F14	09 Feb 2015	12	16.26	86.60	7.8	33.33	8.2	24.4	1.92
F14	09 Feb 2015	13	16.11	86.65	7.8	33.32	8.2	24.4	2.10
F14	09 Feb 2015	14	16.02	86.44	7.9	33.33	8.2	24.5	2.23
F14	09 Feb 2015	15	16.00	86.41	7.8	33.32	8.2	24.5	2.33
F14	09 Feb 2015	16	15.90	86.29	7.8	33.31	8.2	24.5	2.50
F14	09 Feb 2015	17	15.84	86.27	7.8	33.31	8.2	24.5	2.47
F14	09 Feb 2015	18	15.79	86.58	7.8	33.30	8.2	24.5	2.43
F14	09 Feb 2015	19	15.74	86.62	7.8	33.30	8.2	24.5	2.41
F14	09 Feb 2015	20	15.55	86.77	7.5	33.30	8.1	24.5	2.27
F14	09 Feb 2015	21	15.14	86.99	7.4	33.30	8.1	24.6	2.06
F14	09 Feb 2015	22	14.87	86.50	7.4	33.31	8.1	24.7	1.93
F14	09 Feb 2015	23	14.86	86.05	7.4	33.31	8.1	24.7	1.89
F14	09 Feb 2015	24	14.87	85.95	7.4	33.31	8.1	24.7	1.88
F14	09 Feb 2015	25	14.88	85.97	7.4	33.31	8.1	24.7	1.90
F14	09 Feb 2015	26	14.80	85.86	7.3	33.30	8.1	24.7	1.85
F14	09 Feb 2015	27	14.71	85.61	7.3	33.31	8.1	24.7	1.82
F14	09 Feb 2015	28	14.64	85.52	7.3	33.30	8.1	24.7	1.72
F14	09 Feb 2015	29	14.54	85.02	7.2	33.30	8.1	24.8	1.65
F14	09 Feb 2015	30	14.42	84.82	7.2	33.30	8.1	24.8	1.62
F14	09 Feb 2015	31	14.25	84.80	7.1	33.30	8.1	24.8	1.53
F14	09 Feb 2015	32	14.16	84.92	7.1	33.30	8.1	24.8	1.50
F14	09 Feb 2015	33	14.07	85.15	7.0	33.30	8.1	24.9	1.44
F14	09 Feb 2015	34	13.90	85.74	7.0	33.29	8.1	24.9	1.41
F14	09 Feb 2015	35	13.78	86.52	6.9	33.29	8.1	24.9	1.32
F14	09 Feb 2015	36	13.60	86.82	6.8	33.28	8.1	24.9	1.22
F14	09 Feb 2015	37	13.43	87.16	6.8	33.29	8.0	25.0	1.12
F14	09 Feb 2015	38	13.32	87.06	6.7	33.30	8.0	25.0	1.01
F14	09 Feb 2015	39	13.28	86.87	6.7	33.30	8.0	25.0	0.93
F14	09 Feb 2015	40	13.21	86.69	6.6	33.30	8.0	25.0	0.88
F14	09 Feb 2015	41	13.14	86.81	6.6	33.30	8.0	25.1	0.79
F14	09 Feb 2015	42	13.02	86.56	6.5	33.31	8.0	25.1	0.72
F14	09 Feb 2015	43	12.91	86.25	6.4	33.30	8.0	25.1	0.65
F14	09 Feb 2015	44	12.79	84.13	6.4	33.31	8.0	25.1	0.60
F14	09 Feb 2015	45	12.70	83.55	6.3	33.31	8.0	25.1	0.57
F14	09 Feb 2015	46	12.60	83.89	6.3	33.33	8.0	25.2	0.54
F14	09 Feb 2015	47	12.58	83.06	6.2	33.32	8.0	25.2	0.52
F14	09 Feb 2015	48	12.53	82.59	6.2	33.33	8.0	25.2	0.50
F14	09 Feb 2015	49	12.49	83.06	6.3	33.33	8.0	25.2	0.50
F14	09 Feb 2015	50	12.42	84.52	6.2	33.33	8.0	25.2	0.49

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F14	09 Feb 2015	51	12.39	83.66	6.2	33.33	8.0	25.2	0.48
F14	09 Feb 2015	52	12.35	83.14	6.2	33.33	8.0	25.2	0.47
F14	09 Feb 2015	53	12.27	83.17	6.1	33.34	8.0	25.2	0.45
F14	09 Feb 2015	54	12.21	83.42	6.1	33.34	8.0	25.3	0.44
F14	09 Feb 2015	55	12.08	83.13	6.0	33.35	8.0	25.3	0.43
F14	09 Feb 2015	56	11.92	83.47	5.9	33.38	7.9	25.3	0.41
F14	09 Feb 2015	57	11.87	78.21	5.8	33.39	7.9	25.4	0.40
F14	09 Feb 2015	58	11.87	67.58	5.8	33.39	7.9	25.4	0.40
F14	09 Feb 2015	59	11.86	63.28	5.8	33.39	7.9	25.4	0.42
F14	09 Feb 2015	60	11.85	58.29	5.8	33.37	7.9	25.4	0.84
F15	10 Feb 2015	1	17.29	89.92	7.7	33.37	8.2	24.2	0.24
F15	10 Feb 2015	2	17.21	90.19	7.7	33.38	8.2	24.2	0.23
F15	10 Feb 2015	3	17.12	90.17	7.8	33.37	8.2	24.2	0.24
F15	10 Feb 2015	4	17.07	89.97	7.8	33.37	8.2	24.2	0.25
F15	10 Feb 2015	5	17.06	89.94	7.8	33.37	8.2	24.2	0.27
F15	10 Feb 2015	6	17.05	89.91	7.8	33.37	8.2	24.3	0.26
F15	10 Feb 2015	7	17.04	89.88	7.8	33.37	8.2	24.3	0.27
F15	10 Feb 2015	8	17.03	89.84	7.8	33.37	8.2	24.3	0.29
F15	10 Feb 2015	9	17.02	89.79	7.8	33.37	8.2	24.3	0.30
F15	10 Feb 2015	10	17.01	89.73	7.8	33.37	8.2	24.3	0.32
F15	10 Feb 2015	11	16.98	89.70	7.8	33.37	8.2	24.3	0.32
F15	10 Feb 2015	12	16.90	89.73	7.9	33.37	8.2	24.3	0.31
F15	10 Feb 2015	13	16.87	89.96	7.9	33.37	8.2	24.3	0.31
F15	10 Feb 2015	14	16.84	90.13	7.9	33.37	8.2	24.3	0.30
F15	10 Feb 2015	15	16.84	90.19	7.9	33.39	8.2	24.3	0.31
F15	10 Feb 2015	16	16.82	90.22	7.8	33.38	8.2	24.3	0.34
F15	10 Feb 2015	17	16.54	90.10	7.9	33.37	8.2	24.4	0.35
F15	10 Feb 2015	18	16.48	90.09	7.8	33.37	8.2	24.4	0.40
F15	10 Feb 2015	19	16.36	89.92	7.8	33.37	8.2	24.4	0.42
F15	10 Feb 2015	20	16.30	89.84	7.8	33.36	8.2	24.4	0.45
F15	10 Feb 2015	21	16.20	89.71	7.9	33.36	8.2	24.4	0.47
F15	10 Feb 2015	22	16.15	89.71	7.9	33.36	8.2	24.5	0.50
F15	10 Feb 2015	23	16.05	89.57	7.9	33.34	8.2	24.5	0.55
F15	10 Feb 2015	24	15.92	89.42	7.9	33.31	8.2	24.5	0.62
F15	10 Feb 2015	25	15.72	89.04	7.9	33.32	8.2	24.5	0.67
F15	10 Feb 2015	26	15.66	89.07	7.9	33.32	8.2	24.5	0.82
F15	10 Feb 2015	27	15.42	88.56	8.0	33.29	8.2	24.6	1.30
F15	10 Feb 2015	28	15.12	87.70	7.9	33.24	8.2	24.6	2.13
F15	10 Feb 2015	29	14.61	85.83	7.8	33.21	8.2	24.7	2.38
F15	10 Feb 2015	30	14.41	86.61	7.7	33.23	8.2	24.7	2.24
F15	10 Feb 2015	31	14.24	87.51	7.6	33.23	8.2	24.8	2.01
F15	10 Feb 2015	32	13.98	88.11	7.5	33.23	8.1	24.8	1.79
F15	10 Feb 2015	33	13.83	88.73	7.4	33.24	8.1	24.9	1.67
F15	10 Feb 2015	34	13.60	89.05	7.3	33.22	8.1	24.9	1.49
F15	10 Feb 2015	35	13.31	89.35	7.3	33.23	8.1	25.0	1.31
F15	10 Feb 2015	36	13.11	89.82	7.2	33.23	8.1	25.0	1.15
F15	10 Feb 2015	37	13.04	90.05	7.2	33.23	8.1	25.0	1.09
F15	10 Feb 2015	38	12.89	90.17	7.2	33.23	8.1	25.0	1.04
F15	10 Feb 2015	39	12.79	90.33	7.1	33.25	8.1	25.1	0.97
F15	10 Feb 2015	40	12.69	90.43	7.1	33.25	8.1	25.1	0.93
F15	10 Feb 2015	41	12.58	90.54	7.0	33.26	8.1	25.1	0.88
F15	10 Feb 2015	42	12.50	90.56	7.0	33.27	8.1	25.1	0.85
F15	10 Feb 2015	43	12.41	90.61	7.0	33.27	8.1	25.2	0.81
F15	10 Feb 2015	44	12.34	90.66	7.0	33.27	8.1	25.2	0.80
F15	10 Feb 2015	45	12.28	90.69	6.9	33.27	8.1	25.2	0.78
F15	10 Feb 2015	46	12.25	90.70	6.9	33.27	8.1	25.2	0.77

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F15	10 Feb 2015	47	12.20	90.68	6.8	33.28	8.0	25.2	0.76
F15	10 Feb 2015	48	12.16	90.64	6.7	33.29	8.0	25.2	0.74
F15	10 Feb 2015	49	12.15	90.48	6.6	33.30	8.0	25.2	0.70
F15	10 Feb 2015	50	12.12	90.23	6.5	33.31	8.0	25.3	0.66
F15	10 Feb 2015	51	12.10	90.06	6.3	33.32	8.0	25.3	0.59
F15	10 Feb 2015	52	11.99	89.94	6.2	33.33	8.0	25.3	0.54
F15	10 Feb 2015	53	11.91	90.00	6.1	33.34	8.0	25.3	0.50
F15	10 Feb 2015	54	11.77	89.96	6.0	33.35	8.0	25.4	0.46
F15	10 Feb 2015	55	11.69	90.07	6.1	33.36	8.0	25.4	0.44
F15	10 Feb 2015	56	11.63	90.20	6.0	33.37	8.0	25.4	0.43
F15	10 Feb 2015	57	11.55	90.17	6.0	33.39	8.0	25.4	0.40
F15	10 Feb 2015	58	11.52	90.14	6.0	33.40	8.0	25.4	0.38
F15	10 Feb 2015	59	11.48	90.17	5.9	33.40	8.0	25.4	0.38
F15	10 Feb 2015	60	11.38	90.20	5.8	33.42	8.0	25.5	0.37
F15	10 Feb 2015	61	11.35	90.18	5.8	33.43	8.0	25.5	0.36
F15	10 Feb 2015	62	11.32	90.08	5.7	33.44	7.9	25.5	0.35
F15	10 Feb 2015	63	11.24	89.35	5.5	33.46	7.9	25.5	0.34
F15	10 Feb 2015	64	11.20	88.83	5.4	33.47	7.9	25.5	0.32
F15	10 Feb 2015	65	11.15	88.55	5.4	33.48	7.9	25.6	0.32
F15	10 Feb 2015	66	11.14	88.30	5.4	33.49	7.9	25.6	0.32
F15	10 Feb 2015	67	11.13	87.18	5.3	33.50	7.9	25.6	0.30
F15	10 Feb 2015	68	11.08	87.06	5.2	33.51	7.9	25.6	0.30
F15	10 Feb 2015	69	11.04	87.09	5.2	33.52	7.9	25.6	0.28
F15	10 Feb 2015	70	11.00	85.76	5.2	33.53	7.9	25.6	0.27
F15	10 Feb 2015	71	10.99	88.17	5.2	33.53	7.9	25.6	0.28
F15	10 Feb 2015	72	10.97	87.06	5.1	33.54	7.9	25.6	0.27
F15	10 Feb 2015	73	10.94	79.94	5.1	33.54	7.9	25.7	0.28
F15	10 Feb 2015	74	10.91	79.87	5.1	33.55	7.9	25.7	0.28
F15	10 Feb 2015	75	10.89	82.06	5.1	33.55	7.9	25.7	0.28
F15	10 Feb 2015	76	10.88	85.01	5.1	33.55	7.9	25.7	0.27
F15	10 Feb 2015	77	10.87	85.22	5.1	33.55	7.9	25.7	0.27
F15	10 Feb 2015	78	10.87	85.01	5.1	33.56	7.9	25.7	0.26
F15	10 Feb 2015	79	10.86	84.94	5.1	33.56	7.9	25.7	0.27
F15	10 Feb 2015	80	10.85	84.70	5.0	33.56	7.9	25.7	0.27
F16	10 Feb 2015	1	17.29	90.26	7.7	33.37	8.2	24.2	0.26
F16	10 Feb 2015	2	17.24	90.24	7.7	33.38	8.2	24.2	0.24
F16	10 Feb 2015	3	17.17	90.13	7.7	33.38	8.2	24.2	0.25
F16	10 Feb 2015	4	17.10	89.96	7.7	33.38	8.2	24.2	0.27
F16	10 Feb 2015	5	17.07	90.08	7.7	33.37	8.2	24.2	0.27
F16	10 Feb 2015	6	17.07	90.06	7.8	33.37	8.2	24.2	0.28
F16	10 Feb 2015	7	17.05	90.01	7.8	33.37	8.2	24.3	0.28
F16	10 Feb 2015	8	17.04	89.97	7.7	33.37	8.2	24.3	0.31
F16	10 Feb 2015	9	17.02	89.83	7.8	33.37	8.2	24.3	0.33
F16	10 Feb 2015	10	16.99	89.66	7.8	33.37	8.2	24.3	0.35
F16	10 Feb 2015	11	16.97	89.52	7.8	33.37	8.2	24.3	0.39
F16	10 Feb 2015	12	16.94	89.26	7.8	33.37	8.2	24.3	0.39
F16	10 Feb 2015	13	16.90	89.66	7.8	33.40	8.2	24.3	0.37
F16	10 Feb 2015	14	16.78	90.07	7.9	33.40	8.2	24.3	0.35
F16	10 Feb 2015	15	16.75	90.04	7.9	33.40	8.2	24.3	0.37
F16	10 Feb 2015	16	16.74	90.04	7.9	33.39	8.2	24.3	0.36
F16	10 Feb 2015	17	16.71	90.05	7.8	33.39	8.2	24.3	0.39
F16	10 Feb 2015	18	16.46	90.00	7.8	33.38	8.2	24.4	0.43
F16	10 Feb 2015	19	16.35	89.89	7.9	33.38	8.2	24.4	0.43
F16	10 Feb 2015	20	16.19	89.80	7.9	33.35	8.2	24.4	0.48
F16	10 Feb 2015	21	16.04	89.59	7.9	33.34	8.2	24.5	0.54
F16	10 Feb 2015	22	15.94	89.46	7.9	33.33	8.2	24.5	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F16	10 Feb 2015	23	15.83	89.29	7.9	33.31	8.2	24.5	0.69
F16	10 Feb 2015	24	15.67	88.85	7.9	33.30	8.2	24.5	0.76
F16	10 Feb 2015	25	15.61	88.53	7.9	33.30	8.2	24.5	0.83
F16	10 Feb 2015	26	15.57	88.34	7.8	33.31	8.2	24.5	0.92
F16	10 Feb 2015	27	15.42	87.78	7.8	33.32	8.2	24.6	1.05
F16	10 Feb 2015	28	15.24	87.02	7.8	33.30	8.2	24.6	1.20
F16	10 Feb 2015	29	14.98	85.88	7.8	33.30	8.2	24.7	1.63
F16	10 Feb 2015	30	14.63	86.18	7.7	33.27	8.2	24.7	2.03
F16	10 Feb 2015	31	14.22	87.20	7.6	33.26	8.2	24.8	2.15
F16	10 Feb 2015	32	14.00	87.86	7.4	33.27	8.1	24.8	2.05
F16	10 Feb 2015	33	13.87	88.24	7.4	33.27	8.1	24.9	1.94
F16	10 Feb 2015	34	13.70	88.36	7.3	33.25	8.1	24.9	1.78
F16	10 Feb 2015	35	13.38	89.05	7.3	33.25	8.1	25.0	1.60
F16	10 Feb 2015	36	13.26	89.49	7.2	33.25	8.1	25.0	1.44
F16	10 Feb 2015	37	13.19	89.65	7.2	33.25	8.1	25.0	1.33
F16	10 Feb 2015	38	13.05	89.83	7.1	33.25	8.1	25.0	1.26
F16	10 Feb 2015	39	12.83	89.98	7.0	33.26	8.1	25.1	1.15
F16	10 Feb 2015	40	12.73	90.03	7.0	33.27	8.1	25.1	1.07
F16	10 Feb 2015	41	12.68	90.07	7.0	33.27	8.1	25.1	1.02
F16	10 Feb 2015	42	12.56	90.12	6.9	33.28	8.1	25.1	0.95
F16	10 Feb 2015	43	12.40	90.24	6.8	33.29	8.1	25.2	0.86
F16	10 Feb 2015	44	12.24	90.32	6.7	33.30	8.1	25.2	0.83
F16	10 Feb 2015	45	12.18	90.28	6.6	33.30	8.0	25.2	0.79
F16	10 Feb 2015	46	12.15	90.17	6.5	33.31	8.0	25.2	0.76
F16	10 Feb 2015	47	12.12	90.05	6.5	33.32	8.0	25.3	0.73
F16	10 Feb 2015	48	12.10	89.95	6.5	33.33	8.0	25.3	0.71
F16	10 Feb 2015	49	12.07	89.86	6.4	33.34	8.0	25.3	0.68
F16	10 Feb 2015	50	12.03	89.80	6.3	33.33	8.0	25.3	0.63
F16	10 Feb 2015	51	11.96	89.77	6.2	33.35	8.0	25.3	0.58
F16	10 Feb 2015	52	11.93	89.94	6.1	33.36	8.0	25.3	0.54
F16	10 Feb 2015	53	11.92	89.98	6.1	33.36	8.0	25.3	0.51
F16	10 Feb 2015	54	11.90	89.99	6.2	33.36	8.0	25.3	0.50
F16	10 Feb 2015	55	11.88	90.00	6.1	33.36	8.0	25.3	0.48
F16	10 Feb 2015	56	11.70	90.03	5.9	33.37	8.0	25.4	0.44
F16	10 Feb 2015	57	11.61	89.89	5.8	33.37	8.0	25.4	0.40
F16	10 Feb 2015	58	11.54	89.77	5.8	33.37	8.0	25.4	0.37
F16	10 Feb 2015	59	11.52	89.89	5.8	33.38	8.0	25.4	0.38
F16	10 Feb 2015	60	11.48	90.12	5.9	33.40	8.0	25.4	0.38
F16	10 Feb 2015	61	11.42	90.22	5.9	33.41	8.0	25.5	0.38
F16	10 Feb 2015	62	11.39	90.16	5.8	33.42	8.0	25.5	0.38
F16	10 Feb 2015	63	11.37	90.15	5.8	33.42	8.0	25.5	0.37
F16	10 Feb 2015	64	11.32	90.15	5.8	33.43	7.9	25.5	0.37
F16	10 Feb 2015	65	11.23	90.13	5.6	33.45	7.9	25.5	0.35
F16	10 Feb 2015	66	11.14	89.29	5.4	33.49	7.9	25.6	0.33
F16	10 Feb 2015	67	11.11	87.25	5.3	33.50	7.9	25.6	0.31
F16	10 Feb 2015	68	11.09	86.64	5.3	33.50	7.9	25.6	0.31
F16	10 Feb 2015	69	11.05	86.93	5.3	33.51	7.9	25.6	0.30
F16	10 Feb 2015	70	11.03	88.08	5.3	33.52	7.9	25.6	0.30
F16	10 Feb 2015	71	11.02	85.65	5.2	33.52	7.9	25.6	0.29
F16	10 Feb 2015	72	10.98	85.13	5.2	33.53	7.9	25.6	0.28
F16	10 Feb 2015	73	10.89	87.56	5.1	33.55	7.9	25.7	0.28
F16	10 Feb 2015	74	10.86	84.02	5.0	33.56	7.9	25.7	0.28
F16	10 Feb 2015	75	10.85	82.81	5.0	33.57	7.9	25.7	0.27
F16	10 Feb 2015	76	10.84	82.66	5.0	33.57	7.9	25.7	0.26
F16	10 Feb 2015	77	10.79	83.57	5.0	33.57	7.9	25.7	0.26
F16	10 Feb 2015	78	10.77	85.26	5.0	33.58	7.9	25.7	0.27
F16	10 Feb 2015	79	10.76	85.57	5.0	33.58	7.9	25.7	0.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F16	10 Feb 2015	80	10.76	85.02	5.0	33.58	7.9	25.7	0.40
F17	10 Feb 2015	1	17.13	89.42	7.8	33.37	8.2	24.2	0.26
F17	10 Feb 2015	2	17.06	89.88	7.8	33.37	8.2	24.3	0.28
F17	10 Feb 2015	3	17.03	89.88	7.8	33.37	8.2	24.3	0.29
F17	10 Feb 2015	4	17.02	89.82	7.8	33.37	8.2	24.3	0.30
F17	10 Feb 2015	5	17.01	89.79	7.8	33.37	8.2	24.3	0.30
F17	10 Feb 2015	6	16.99	89.76	7.8	33.37	8.2	24.3	0.32
F17	10 Feb 2015	7	16.97	89.71	7.8	33.38	8.2	24.3	0.35
F17	10 Feb 2015	8	16.96	89.52	7.9	33.38	8.2	24.3	0.35
F17	10 Feb 2015	9	16.96	89.57	7.8	33.39	8.2	24.3	0.35
F17	10 Feb 2015	10	16.92	89.85	7.8	33.41	8.2	24.3	0.34
F17	10 Feb 2015	11	16.87	90.07	7.8	33.41	8.2	24.3	0.34
F17	10 Feb 2015	12	16.80	90.12	7.8	33.41	8.2	24.3	0.36
F17	10 Feb 2015	13	16.70	90.07	7.8	33.40	8.2	24.4	0.39
F17	10 Feb 2015	14	16.56	89.95	7.9	33.39	8.2	24.4	0.41
F17	10 Feb 2015	15	16.47	89.88	7.9	33.39	8.2	24.4	0.43
F17	10 Feb 2015	16	16.44	89.87	7.9	33.38	8.2	24.4	0.44
F17	10 Feb 2015	17	16.35	89.82	7.9	33.37	8.2	24.4	0.45
F17	10 Feb 2015	18	16.31	89.80	7.9	33.37	8.2	24.4	0.48
F17	10 Feb 2015	19	16.23	89.74	7.9	33.35	8.2	24.4	0.50
F17	10 Feb 2015	20	16.09	89.62	8.0	33.33	8.2	24.4	0.52
F17	10 Feb 2015	21	16.01	89.44	8.0	33.33	8.2	24.5	0.57
F17	10 Feb 2015	22	15.97	89.36	8.0	33.32	8.2	24.5	0.61
F17	10 Feb 2015	23	15.87	89.29	8.0	33.29	8.2	24.5	0.68
F17	10 Feb 2015	24	15.71	89.15	8.0	33.28	8.2	24.5	0.75
F17	10 Feb 2015	25	15.59	88.86	7.9	33.28	8.2	24.5	1.04
F17	10 Feb 2015	26	15.44	88.22	7.9	33.27	8.2	24.5	1.61
F17	10 Feb 2015	27	15.14	87.21	8.0	33.24	8.2	24.6	2.20
F17	10 Feb 2015	28	15.00	86.12	7.9	33.23	8.2	24.6	2.73
F17	10 Feb 2015	29	14.56	86.12	7.7	33.21	8.2	24.7	2.67
F17	10 Feb 2015	30	14.28	87.45	7.6	33.23	8.2	24.8	2.34
F17	10 Feb 2015	31	13.99	88.12	7.5	33.23	8.1	24.8	1.97
F17	10 Feb 2015	32	13.76	88.54	7.4	33.24	8.1	24.9	1.77
F17	10 Feb 2015	33	13.68	88.65	7.2	33.25	8.1	24.9	1.64
F17	10 Feb 2015	34	13.43	88.69	7.1	33.20	8.1	24.9	1.43
F17	10 Feb 2015	35	12.93	89.40	7.1	33.25	8.1	25.0	1.18
F17	10 Feb 2015	36	12.83	89.69	7.0	33.26	8.1	25.1	1.08
F17	10 Feb 2015	37	12.79	89.68	7.0	33.27	8.1	25.1	1.05
F17	10 Feb 2015	38	12.77	89.63	7.0	33.27	8.1	25.1	1.05
F17	10 Feb 2015	39	12.75	89.63	6.9	33.27	8.1	25.1	1.05
F17	10 Feb 2015	40	12.73	89.60	6.9	33.28	8.1	25.1	1.03
F17	10 Feb 2015	41	12.67	89.59	6.9	33.27	8.1	25.1	1.00
F17	10 Feb 2015	42	12.55	89.74	6.8	33.28	8.1	25.1	0.97
F17	10 Feb 2015	43	12.49	89.90	6.8	33.29	8.0	25.2	0.92
F17	10 Feb 2015	44	12.44	90.01	6.8	33.29	8.0	25.2	0.87
F17	10 Feb 2015	45	12.34	90.05	6.7	33.29	8.0	25.2	0.82
F17	10 Feb 2015	46	12.26	90.13	6.6	33.30	8.0	25.2	0.78
F17	10 Feb 2015	47	12.12	90.17	6.5	33.31	8.0	25.3	0.72
F17	10 Feb 2015	48	12.06	90.02	6.4	33.32	8.0	25.3	0.68
F17	10 Feb 2015	49	12.06	89.97	6.4	33.32	8.0	25.3	0.67
F17	10 Feb 2015	50	12.04	89.93	6.3	33.33	8.0	25.3	0.61
F17	10 Feb 2015	51	12.00	89.75	6.2	33.34	8.0	25.3	0.57
F17	10 Feb 2015	52	11.98	89.68	6.2	33.34	8.0	25.3	0.53
F17	10 Feb 2015	53	11.96	89.68	6.2	33.34	8.0	25.3	0.52
F17	10 Feb 2015	54	11.89	89.84	6.2	33.35	8.0	25.3	0.47
F17	10 Feb 2015	55	11.85	89.92	6.1	33.36	8.0	25.3	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F17	10 Feb 2015	56	11.77	90.06	6.0	33.37	8.0	25.4	0.44
F17	10 Feb 2015	57	11.64	90.11	5.9	33.39	8.0	25.4	0.39
F17	10 Feb 2015	58	11.57	90.14	5.8	33.40	8.0	25.4	0.37
F17	10 Feb 2015	59	11.49	90.15	5.7	33.40	7.9	25.4	0.35
F17	10 Feb 2015	60	11.45	90.20	5.7	33.41	7.9	25.5	0.34
F17	10 Feb 2015	61	11.41	90.22	5.7	33.42	7.9	25.5	0.33
F17	10 Feb 2015	62	11.29	90.29	5.7	33.42	7.9	25.5	0.33
F17	10 Feb 2015	63	11.22	90.27	5.7	33.44	7.9	25.5	0.34
F17	10 Feb 2015	64	11.19	90.23	5.6	33.46	7.9	25.5	0.34
F17	10 Feb 2015	65	11.14	90.26	5.5	33.47	7.9	25.6	0.33
F17	10 Feb 2015	66	11.06	90.03	5.3	33.50	7.9	25.6	0.30
F17	10 Feb 2015	67	11.01	87.91	5.2	33.52	7.9	25.6	0.31
F17	10 Feb 2015	68	11.01	87.43	5.2	33.53	7.9	25.6	0.30
F17	10 Feb 2015	69	11.01	87.37	5.2	33.53	7.9	25.6	0.29
F17	10 Feb 2015	70	11.00	87.03	5.2	33.53	7.9	25.6	0.29
F17	10 Feb 2015	71	10.99	86.50	5.2	33.53	7.9	25.6	0.31
F17	10 Feb 2015	72	10.99	86.39	5.2	33.53	7.9	25.6	0.30
F17	10 Feb 2015	73	10.98	86.32	5.2	33.53	7.9	25.6	0.30
F17	10 Feb 2015	74	10.97	86.04	5.2	33.54	7.9	25.6	0.29
F17	10 Feb 2015	75	10.96	85.52	5.1	33.54	7.9	25.6	0.29
F17	10 Feb 2015	76	10.96	79.25	5.1	33.54	7.9	25.6	0.29
F17	10 Feb 2015	77	10.96	76.57	5.1	33.54	7.9	25.6	0.30
F17	10 Feb 2015	78	10.96	73.94	5.1	33.54	7.9	25.6	0.30
F17	10 Feb 2015	79	10.96	72.87	5.1	33.54	7.9	25.6	0.30
F17	10 Feb 2015	80	10.96	74.77	5.1	33.54	7.9	25.6	0.33
F18	10 Feb 2015	1	17.13	87.79	7.8	33.36	8.2	24.2	0.56
F18	10 Feb 2015	2	17.08	87.43	7.8	33.39	8.2	24.3	0.53
F18	10 Feb 2015	3	16.96	87.63	7.8	33.42	8.2	24.3	0.54
F18	10 Feb 2015	4	16.93	87.67	7.4	33.38	8.2	24.3	0.52
F18	10 Feb 2015	5	16.93	87.74	7.5	33.38	8.2	24.3	0.54
F18	10 Feb 2015	6	16.92	87.70	7.7	33.37	8.2	24.3	0.57
F18	10 Feb 2015	7	16.92	87.53	7.7	33.37	8.2	24.3	0.61
F18	10 Feb 2015	8	16.93	87.57	7.8	33.39	8.2	24.3	0.58
F18	10 Feb 2015	9	16.94	88.23	7.8	33.41	8.2	24.3	0.46
F18	10 Feb 2015	10	16.92	89.57	7.7	33.42	8.2	24.3	0.41
F18	10 Feb 2015	11	16.91	90.00	7.8	33.42	8.2	24.3	0.40
F18	10 Feb 2015	12	16.87	90.06	7.8	33.42	8.2	24.3	0.38
F18	10 Feb 2015	13	16.77	90.04	7.7	33.40	8.2	24.3	0.40
F18	10 Feb 2015	14	16.55	89.98	7.8	33.39	8.2	24.4	0.43
F18	10 Feb 2015	15	16.47	89.91	7.8	33.38	8.2	24.4	0.46
F18	10 Feb 2015	16	16.34	89.79	7.9	33.36	8.2	24.4	0.50
F18	10 Feb 2015	17	16.29	89.72	7.9	33.35	8.2	24.4	0.51
F18	10 Feb 2015	18	16.25	89.72	7.9	33.34	8.2	24.4	0.54
F18	10 Feb 2015	19	16.20	89.65	7.8	33.33	8.2	24.4	0.57
F18	10 Feb 2015	20	16.14	89.59	7.9	33.31	8.2	24.4	0.61
F18	10 Feb 2015	21	16.07	89.52	7.9	33.30	8.2	24.4	0.65
F18	10 Feb 2015	22	15.98	89.48	7.9	33.28	8.2	24.4	0.78
F18	10 Feb 2015	23	15.79	89.00	8.0	33.28	8.2	24.5	1.01
F18	10 Feb 2015	24	15.66	88.76	7.9	33.27	8.2	24.5	1.46
F18	10 Feb 2015	25	15.28	87.01	7.9	33.24	8.2	24.6	1.83
F18	10 Feb 2015	26	15.05	86.58	7.9	33.25	8.2	24.6	2.12
F18	10 Feb 2015	27	14.99	86.46	7.8	33.25	8.2	24.6	2.47
F18	10 Feb 2015	28	14.86	86.09	7.9	33.23	8.2	24.6	2.93
F18	10 Feb 2015	29	14.73	85.67	7.9	33.23	8.2	24.7	3.25
F18	10 Feb 2015	30	14.63	85.67	7.8	33.23	8.2	24.7	3.19
F18	10 Feb 2015	31	14.41	86.46	7.6	33.23	8.2	24.7	2.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F18	10 Feb 2015	32	14.18	87.46	7.5	33.24	8.1	24.8	2.50
F18	10 Feb 2015	33	13.98	87.95	7.3	33.25	8.1	24.8	2.31
F18	10 Feb 2015	34	13.85	88.28	7.3	33.26	8.1	24.9	2.11
F18	10 Feb 2015	35	13.66	88.31	7.2	33.27	8.1	24.9	1.86
F18	10 Feb 2015	36	13.39	88.77	7.0	33.27	8.1	25.0	1.60
F18	10 Feb 2015	37	12.94	89.13	7.0	33.26	8.1	25.1	1.39
F18	10 Feb 2015	38	12.71	89.72	6.9	33.28	8.1	25.1	1.21
F18	10 Feb 2015	39	12.70	89.69	6.9	33.28	8.1	25.1	1.11
F18	10 Feb 2015	40	12.68	89.63	6.9	33.28	8.1	25.1	1.08
F18	10 Feb 2015	41	12.62	89.56	6.8	33.29	8.1	25.1	1.00
F18	10 Feb 2015	42	12.50	89.50	6.7	33.30	8.0	25.2	0.93
F18	10 Feb 2015	43	12.41	89.58	6.6	33.31	8.0	25.2	0.85
F18	10 Feb 2015	44	12.30	89.81	6.6	33.32	8.0	25.2	0.79
F18	10 Feb 2015	45	12.28	89.81	6.5	33.32	8.0	25.2	0.74
F18	10 Feb 2015	46	12.20	89.89	6.4	33.33	8.0	25.2	0.70
F18	10 Feb 2015	47	12.08	89.77	6.2	33.34	8.0	25.3	0.63
F18	10 Feb 2015	48	12.00	89.62	6.2	33.33	8.0	25.3	0.56
F18	10 Feb 2015	49	11.88	89.56	6.1	33.35	8.0	25.3	0.52
F18	10 Feb 2015	50	11.85	89.52	6.1	33.35	8.0	25.3	0.48
F18	10 Feb 2015	51	11.85	89.53	6.1	33.35	8.0	25.3	0.45
F18	10 Feb 2015	52	11.84	89.48	6.1	33.35	8.0	25.3	0.44
F18	10 Feb 2015	53	11.84	89.37	6.1	33.36	8.0	25.3	0.43
F18	10 Feb 2015	54	11.80	89.26	6.0	33.36	8.0	25.4	0.42
F18	10 Feb 2015	55	11.76	89.44	6.0	33.37	8.0	25.4	0.40
F18	10 Feb 2015	56	11.70	89.80	6.0	33.38	8.0	25.4	0.42
F18	10 Feb 2015	57	11.66	89.71	5.9	33.39	8.0	25.4	0.39
F18	10 Feb 2015	58	11.54	89.92	5.7	33.41	8.0	25.4	0.35
F18	10 Feb 2015	59	11.39	90.11	5.6	33.44	7.9	25.5	0.32
F18	10 Feb 2015	60	11.35	90.19	5.5	33.44	7.9	25.5	0.31
F18	10 Feb 2015	61	11.32	90.12	5.5	33.45	7.9	25.5	0.31
F18	10 Feb 2015	62	11.30	89.98	5.5	33.46	7.9	25.5	0.30
F18	10 Feb 2015	63	11.27	89.59	5.5	33.46	7.9	25.5	0.29
F18	10 Feb 2015	64	11.24	89.52	5.5	33.47	7.9	25.5	0.29
F18	10 Feb 2015	65	11.22	89.62	5.4	33.47	7.9	25.5	0.30
F18	10 Feb 2015	66	11.19	90.05	5.4	33.48	7.9	25.6	0.28
F18	10 Feb 2015	67	11.16	90.17	5.4	33.48	7.9	25.6	0.29
F18	10 Feb 2015	68	11.14	90.06	5.4	33.49	7.9	25.6	0.28
F18	10 Feb 2015	69	11.12	89.94	5.3	33.50	7.9	25.6	0.29
F18	10 Feb 2015	70	11.08	88.17	5.2	33.51	7.9	25.6	0.28
F18	10 Feb 2015	71	11.04	83.64	5.2	33.52	7.9	25.6	0.27
F18	10 Feb 2015	72	11.02	83.65	5.2	33.52	7.9	25.6	0.29
F18	10 Feb 2015	73	10.99	80.75	5.2	33.53	7.9	25.6	0.27
F18	10 Feb 2015	74	10.99	79.16	5.2	33.53	7.9	25.6	0.28
F18	10 Feb 2015	75	10.99	77.82	5.2	33.53	7.9	25.6	0.28
F18	10 Feb 2015	76	10.97	78.77	5.2	33.53	7.9	25.6	0.27
F18	10 Feb 2015	77	10.96	75.48	5.1	33.54	7.9	25.6	0.27
F18	10 Feb 2015	78	10.95	69.88	5.1	33.54	7.9	25.6	0.28
F18	10 Feb 2015	79	10.95	63.68	5.1	33.54	7.9	25.6	0.30
F18	10 Feb 2015	80	10.95	56.63	5.1	33.54	7.9	25.6	0.31
F19	10 Feb 2015	1	17.16	89.51	7.8	33.37	8.2	24.2	0.34
F19	10 Feb 2015	2	17.03	89.20	7.8	33.36	8.2	24.3	0.44
F19	10 Feb 2015	3	16.94	88.07	7.9	33.36	8.2	24.3	0.55
F19	10 Feb 2015	4	16.92	87.58	7.9	33.36	8.2	24.3	0.60
F19	10 Feb 2015	5	16.91	87.55	7.9	33.36	8.2	24.3	0.62
F19	10 Feb 2015	6	16.90	87.60	7.9	33.36	8.2	24.3	0.63
F19	10 Feb 2015	7	16.91	87.85	7.9	33.37	8.2	24.3	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F19	10 Feb 2015	8	16.95	88.44	7.8	33.40	8.2	24.3	0.41
F19	10 Feb 2015	9	16.87	89.95	7.8	33.41	8.2	24.3	0.35
F19	10 Feb 2015	10	16.80	90.07	7.8	33.40	8.2	24.3	0.37
F19	10 Feb 2015	11	16.66	90.03	7.9	33.39	8.2	24.4	0.39
F19	10 Feb 2015	12	16.62	90.01	7.9	33.40	8.2	24.4	0.42
F19	10 Feb 2015	13	16.56	89.99	7.9	33.39	8.2	24.4	0.42
F19	10 Feb 2015	14	16.36	89.94	7.9	33.36	8.2	24.4	0.48
F19	10 Feb 2015	15	16.23	89.79	7.9	33.35	8.2	24.4	0.52
F19	10 Feb 2015	16	16.22	89.71	7.9	33.35	8.2	24.4	0.54
F19	10 Feb 2015	17	16.20	89.68	7.9	33.35	8.2	24.4	0.56
F19	10 Feb 2015	18	16.19	89.70	7.9	33.35	8.2	24.4	0.58
F19	10 Feb 2015	19	16.15	89.63	8.0	33.34	8.2	24.4	0.61
F19	10 Feb 2015	20	16.17	89.64	7.9	33.34	8.2	24.4	0.63
F19	10 Feb 2015	21	16.05	89.61	8.0	33.31	8.2	24.4	0.66
F19	10 Feb 2015	22	15.92	89.55	7.9	33.27	8.2	24.4	1.01
F19	10 Feb 2015	23	15.65	88.23	8.0	33.27	8.2	24.5	1.73
F19	10 Feb 2015	24	15.48	86.98	7.9	33.26	8.2	24.5	2.26
F19	10 Feb 2015	25	15.00	86.24	7.9	33.24	8.2	24.6	2.69
F19	10 Feb 2015	26	14.84	85.86	7.9	33.24	8.2	24.6	2.99
F19	10 Feb 2015	27	14.73	85.75	7.8	33.23	8.2	24.7	3.00
F19	10 Feb 2015	28	14.57	86.38	7.7	33.22	8.2	24.7	2.86
F19	10 Feb 2015	29	14.39	86.86	7.6	33.23	8.1	24.7	2.58
F19	10 Feb 2015	30	14.07	87.69	7.5	33.22	8.1	24.8	2.17
F19	10 Feb 2015	31	13.87	88.46	7.4	33.23	8.1	24.8	1.92
F19	10 Feb 2015	32	13.72	88.63	7.3	33.24	8.1	24.9	1.76
F19	10 Feb 2015	33	13.50	88.79	7.2	33.24	8.1	24.9	1.58
F19	10 Feb 2015	34	13.31	89.06	7.1	33.24	8.1	25.0	1.40
F19	10 Feb 2015	35	13.09	89.37	7.0	33.25	8.1	25.0	1.21
F19	10 Feb 2015	36	12.86	89.29	6.9	33.27	8.1	25.1	1.07
F19	10 Feb 2015	37	12.59	89.44	6.8	33.27	8.1	25.1	0.93
F19	10 Feb 2015	38	12.47	89.84	6.9	33.28	8.0	25.2	0.89
F19	10 Feb 2015	39	12.40	90.03	6.8	33.28	8.0	25.2	0.85
F19	10 Feb 2015	40	12.34	90.15	6.8	33.28	8.0	25.2	0.82
F19	10 Feb 2015	41	12.27	90.19	6.8	33.29	8.0	25.2	0.79
F19	10 Feb 2015	42	12.25	90.15	6.7	33.30	8.0	25.2	0.78
F19	10 Feb 2015	43	12.22	89.99	6.6	33.31	8.0	25.2	0.74
F19	10 Feb 2015	44	12.19	89.95	6.6	33.32	8.0	25.2	0.70
F19	10 Feb 2015	45	12.07	89.95	6.4	33.33	8.0	25.3	0.63
F19	10 Feb 2015	46	11.95	89.88	6.2	33.34	8.0	25.3	0.57
F19	10 Feb 2015	47	11.88	89.73	6.2	33.34	8.0	25.3	0.51
F19	10 Feb 2015	48	11.85	89.60	6.1	33.34	8.0	25.3	0.50
F19	10 Feb 2015	49	11.81	89.56	6.1	33.34	8.0	25.3	0.46
F19	10 Feb 2015	50	11.75	89.49	6.0	33.35	8.0	25.4	0.43
F19	10 Feb 2015	51	11.73	89.42	6.0	33.36	8.0	25.4	0.42
F19	10 Feb 2015	52	11.71	89.36	6.0	33.36	8.0	25.4	0.43
F19	10 Feb 2015	53	11.70	89.34	6.0	33.36	8.0	25.4	0.41
F19	10 Feb 2015	54	11.65	89.27	5.9	33.36	8.0	25.4	0.37
F19	10 Feb 2015	55	11.58	88.94	5.9	33.38	8.0	25.4	0.39
F19	10 Feb 2015	56	11.57	88.91	5.9	33.39	8.0	25.4	0.37
F19	10 Feb 2015	57	11.57	88.85	5.9	33.39	8.0	25.4	0.38
F19	10 Feb 2015	58	11.55	88.55	5.8	33.40	7.9	25.4	0.37
F19	10 Feb 2015	59	11.55	88.07	5.8	33.40	7.9	25.4	0.37
F19	10 Feb 2015	60	11.56	87.65	5.8	33.40	7.9	25.4	0.38
F19	10 Feb 2015	61	11.56	87.20	5.8	33.40	7.9	25.4	0.36
F19	10 Feb 2015	62	11.55	86.58	5.8	33.41	7.9	25.4	0.36
F19	10 Feb 2015	63	11.53	85.85	5.7	33.42	7.9	25.4	0.35
F19	10 Feb 2015	64	11.46	85.75	5.6	33.43	7.9	25.5	0.35

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F19	10 Feb 2015	65	11.36	87.55	5.5	33.45	7.9	25.5	0.30
F19	10 Feb 2015	66	11.27	88.60	5.5	33.46	7.9	25.5	0.29
F19	10 Feb 2015	67	11.22	89.56	5.4	33.47	7.9	25.5	0.29
F19	10 Feb 2015	68	11.17	89.69	5.4	33.48	7.9	25.6	0.30
F19	10 Feb 2015	69	11.11	89.07	5.3	33.49	7.9	25.6	0.29
F19	10 Feb 2015	70	11.07	75.96	5.2	33.51	7.9	25.6	0.29
F19	10 Feb 2015	71	11.05	74.39	5.2	33.51	7.9	25.6	0.29
F19	10 Feb 2015	72	11.04	76.97	5.2	33.51	7.9	25.6	0.29
F19	10 Feb 2015	73	11.02	79.64	5.2	33.51	7.9	25.6	0.29
F19	10 Feb 2015	74	10.99	83.19	5.2	33.52	7.9	25.6	0.28
F19	10 Feb 2015	75	10.98	74.85	5.2	33.52	7.9	25.6	0.27
F19	10 Feb 2015	76	10.97	78.50	5.2	33.52	7.9	25.6	0.27
F19	10 Feb 2015	77	10.96	77.90	5.2	33.53	7.9	25.6	0.29
F19	10 Feb 2015	78	10.94	74.07	5.2	33.53	7.9	25.6	0.29
F19	10 Feb 2015	79	10.93	71.34	5.1	33.54	7.9	25.6	0.29
F19	10 Feb 2015	80	10.92	68.95	5.1	33.54	7.9	25.6	0.29
F19	10 Feb 2015	81	10.92	66.16	5.1	33.54	7.9	25.7	0.31
F19	10 Feb 2015	82	10.92	66.74	5.1	33.54	7.9	25.7	0.59
F20	10 Feb 2015	1	17.06	89.90	7.8	33.39	8.2	24.3	0.27
F20	10 Feb 2015	2	17.08	89.90	7.8	33.39	8.2	24.3	0.26
F20	10 Feb 2015	3	17.09	90.00	7.8	33.39	8.2	24.3	0.27
F20	10 Feb 2015	4	17.08	89.95	7.8	33.39	8.2	24.3	0.28
F20	10 Feb 2015	5	17.07	89.97	7.8	33.38	8.2	24.3	0.30
F20	10 Feb 2015	6	16.98	89.99	7.8	33.38	8.2	24.3	0.32
F20	10 Feb 2015	7	16.95	89.64	7.8	33.38	8.2	24.3	0.38
F20	10 Feb 2015	8	16.93	89.25	7.9	33.37	8.2	24.3	0.41
F20	10 Feb 2015	9	16.92	89.55	7.9	33.40	8.2	24.3	0.37
F20	10 Feb 2015	10	16.88	90.16	7.9	33.41	8.2	24.3	0.36
F20	10 Feb 2015	11	16.84	90.09	7.8	33.41	8.2	24.3	0.37
F20	10 Feb 2015	12	16.70	90.05	7.8	33.39	8.2	24.4	0.39
F20	10 Feb 2015	13	16.56	89.99	7.9	33.39	8.2	24.4	0.40
F20	10 Feb 2015	14	16.42	89.96	7.9	33.36	8.2	24.4	0.44
F20	10 Feb 2015	15	16.27	89.80	8.0	33.35	8.2	24.4	0.49
F20	10 Feb 2015	16	16.21	89.73	8.0	33.34	8.2	24.4	0.53
F20	10 Feb 2015	17	16.20	89.69	8.0	33.33	8.2	24.4	0.55
F20	10 Feb 2015	18	16.17	89.67	8.0	33.33	8.2	24.4	0.58
F20	10 Feb 2015	19	16.14	89.66	8.0	33.32	8.2	24.4	0.60
F20	10 Feb 2015	20	16.05	89.63	8.0	33.30	8.2	24.4	0.65
F20	10 Feb 2015	21	15.94	89.57	8.0	33.28	8.2	24.4	0.87
F20	10 Feb 2015	22	15.79	88.74	7.9	33.27	8.2	24.5	1.48
F20	10 Feb 2015	23	15.58	87.10	7.8	33.28	8.2	24.5	1.80
F20	10 Feb 2015	24	15.41	86.86	7.8	33.28	8.2	24.6	1.98
F20	10 Feb 2015	25	15.21	86.74	7.8	33.26	8.2	24.6	2.11
F20	10 Feb 2015	26	14.97	86.61	7.7	33.25	8.2	24.6	2.18
F20	10 Feb 2015	27	14.67	86.68	7.7	33.26	8.2	24.7	2.25
F20	10 Feb 2015	28	14.54	86.78	7.7	33.25	8.2	24.7	2.31
F20	10 Feb 2015	29	14.48	86.82	7.6	33.25	8.1	24.7	2.40
F20	10 Feb 2015	30	14.44	86.82	7.6	33.26	8.1	24.8	2.35
F20	10 Feb 2015	31	14.37	86.90	7.5	33.25	8.1	24.8	2.21
F20	10 Feb 2015	32	14.15	87.31	7.5	33.25	8.1	24.8	2.13
F20	10 Feb 2015	33	13.98	87.53	7.4	33.26	8.1	24.8	1.96
F20	10 Feb 2015	34	13.73	87.87	7.2	33.25	8.1	24.9	1.76
F20	10 Feb 2015	35	13.55	88.40	7.2	33.26	8.1	24.9	1.61
F20	10 Feb 2015	36	13.39	88.59	7.1	33.25	8.1	25.0	1.45
F20	10 Feb 2015	37	13.11	89.04	7.1	33.24	8.1	25.0	1.26
F20	10 Feb 2015	38	12.89	89.42	7.0	33.27	8.1	25.1	1.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F20	10 Feb 2015	39	12.83	89.33	6.9	33.27	8.1	25.1	1.07
F20	10 Feb 2015	40	12.67	89.24	6.8	33.27	8.1	25.1	0.98
F20	10 Feb 2015	41	12.51	89.39	6.8	33.29	8.1	25.2	0.92
F20	10 Feb 2015	42	12.43	89.47	6.7	33.29	8.0	25.2	0.87
F20	10 Feb 2015	43	12.36	89.66	6.7	33.30	8.0	25.2	0.83
F20	10 Feb 2015	44	12.31	89.69	6.7	33.30	8.0	25.2	0.79
F20	10 Feb 2015	45	12.21	89.86	6.7	33.30	8.0	25.2	0.77
F20	10 Feb 2015	46	12.11	90.03	6.6	33.31	8.0	25.3	0.72
F20	10 Feb 2015	47	12.00	90.11	6.5	33.32	8.0	25.3	0.68
F20	10 Feb 2015	48	11.95	90.05	6.4	33.33	8.0	25.3	0.63
F20	10 Feb 2015	49	11.83	90.07	6.3	33.34	8.0	25.3	0.56
F20	10 Feb 2015	50	11.73	89.93	6.1	33.36	8.0	25.4	0.52
F20	10 Feb 2015	51	11.68	89.83	6.0	33.36	8.0	25.4	0.47
F20	10 Feb 2015	52	11.64	89.61	5.9	33.36	8.0	25.4	0.44
F20	10 Feb 2015	53	11.58	89.33	5.8	33.35	8.0	25.4	0.38
F20	10 Feb 2015	54	11.52	89.17	5.7	33.36	8.0	25.4	0.36
F20	10 Feb 2015	55	11.49	89.05	5.7	33.37	7.9	25.4	0.35
F20	10 Feb 2015	56	11.48	89.08	5.7	33.37	7.9	25.4	0.35
F20	10 Feb 2015	57	11.47	89.00	5.7	33.37	7.9	25.4	0.35
F20	10 Feb 2015	58	11.49	89.08	5.8	33.39	7.9	25.4	0.35
F20	10 Feb 2015	59	11.51	89.17	5.9	33.39	8.0	25.4	0.36
F20	10 Feb 2015	60	11.49	88.99	5.8	33.40	8.0	25.4	0.36
F20	10 Feb 2015	61	11.44	88.53	5.8	33.41	7.9	25.5	0.35
F20	10 Feb 2015	62	11.42	88.71	5.7	33.41	7.9	25.5	0.35
F20	10 Feb 2015	63	11.33	88.01	5.6	33.42	7.9	25.5	0.33
F20	10 Feb 2015	64	11.31	86.90	5.6	33.43	7.9	25.5	0.33
F20	10 Feb 2015	65	11.30	86.45	5.5	33.43	7.9	25.5	0.32
F20	10 Feb 2015	66	11.29	86.41	5.5	33.42	7.9	25.5	0.32
F20	10 Feb 2015	67	11.22	86.00	5.4	33.42	7.9	25.5	0.31
F20	10 Feb 2015	68	11.21	85.54	5.4	33.43	7.9	25.5	0.31
F20	10 Feb 2015	69	11.22	85.20	5.5	33.45	7.9	25.5	0.32
F20	10 Feb 2015	70	11.23	85.21	5.5	33.46	7.9	25.5	0.32
F20	10 Feb 2015	71	11.18	85.90	5.4	33.47	7.9	25.6	0.31
F20	10 Feb 2015	72	11.11	87.09	5.3	33.49	7.9	25.6	0.29
F20	10 Feb 2015	73	11.01	86.99	5.2	33.51	7.9	25.6	0.29
F20	10 Feb 2015	74	10.96	82.07	5.2	33.52	7.9	25.6	0.28
F20	10 Feb 2015	75	10.94	79.20	5.2	33.52	7.9	25.6	0.29
F20	10 Feb 2015	76	10.94	78.20	5.2	33.52	7.9	25.6	0.28
F20	10 Feb 2015	77	10.94	76.31	5.1	33.52	7.9	25.6	0.28
F20	10 Feb 2015	78	10.94	74.06	5.1	33.52	7.9	25.6	0.28
F20	10 Feb 2015	79	10.93	72.43	5.1	33.52	7.9	25.6	0.29
F20	10 Feb 2015	80	10.93	63.49	5.1	33.52	7.9	25.6	0.30
F20	10 Feb 2015	81	10.93	62.25	5.1	33.52	7.9	25.6	0.32
F21	10 Feb 2015	1	17.12	89.70	7.8	33.39	8.2	24.3	0.27
F21	10 Feb 2015	2	17.09	89.98	7.8	33.39	8.2	24.3	0.28
F21	10 Feb 2015	3	17.07	90.18	7.8	33.39	8.2	24.3	0.29
F21	10 Feb 2015	4	17.05	90.25	7.8	33.39	8.2	24.3	0.28
F21	10 Feb 2015	5	17.03	90.23	7.8	33.39	8.2	24.3	0.28
F21	10 Feb 2015	6	17.02	90.20	7.8	33.39	8.2	24.3	0.30
F21	10 Feb 2015	7	17.02	90.18	7.8	33.39	8.2	24.3	0.29
F21	10 Feb 2015	8	17.02	90.19	7.8	33.39	8.2	24.3	0.30
F21	10 Feb 2015	9	17.01	90.19	7.8	33.40	8.2	24.3	0.30
F21	10 Feb 2015	10	17.01	90.20	7.8	33.40	8.2	24.3	0.31
F21	10 Feb 2015	11	17.00	90.17	7.8	33.40	8.2	24.3	0.32
F21	10 Feb 2015	12	16.97	90.15	7.8	33.41	8.2	24.3	0.32
F21	10 Feb 2015	13	16.91	90.21	7.8	33.42	8.2	24.3	0.34

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F21	10 Feb 2015	14	16.85	90.19	7.8	33.42	8.2	24.3	0.37
F21	10 Feb 2015	15	16.72	90.13	7.9	33.40	8.2	24.4	0.38
F21	10 Feb 2015	16	16.61	90.06	7.8	33.40	8.2	24.4	0.41
F21	10 Feb 2015	17	16.51	90.04	7.8	33.39	8.2	24.4	0.44
F21	10 Feb 2015	18	16.40	90.03	7.8	33.38	8.2	24.4	0.47
F21	10 Feb 2015	19	16.29	89.94	7.9	33.37	8.2	24.4	0.49
F21	10 Feb 2015	20	16.18	89.78	7.9	33.36	8.2	24.4	0.54
F21	10 Feb 2015	21	16.13	89.71	7.9	33.35	8.2	24.4	0.58
F21	10 Feb 2015	22	16.07	89.77	7.9	33.33	8.2	24.4	0.66
F21	10 Feb 2015	23	15.83	89.56	8.0	33.26	8.2	24.4	0.89
F21	10 Feb 2015	24	15.55	89.20	7.9	33.26	8.2	24.5	1.29
F21	10 Feb 2015	25	15.39	88.07	7.8	33.26	8.2	24.5	1.67
F21	10 Feb 2015	26	15.17	87.10	7.7	33.26	8.2	24.6	1.89
F21	10 Feb 2015	27	14.82	86.92	7.6	33.24	8.2	24.7	1.89
F21	10 Feb 2015	28	14.34	86.64	7.4	33.26	8.1	24.8	1.83
F21	10 Feb 2015	29	14.21	86.74	7.4	33.26	8.1	24.8	1.79
F21	10 Feb 2015	30	14.11	87.01	7.4	33.26	8.1	24.8	1.78
F21	10 Feb 2015	31	14.06	87.15	7.3	33.27	8.1	24.8	1.78
F21	10 Feb 2015	32	13.96	87.18	7.2	33.26	8.1	24.8	1.68
F21	10 Feb 2015	33	13.68	87.35	7.2	33.26	8.1	24.9	1.65
F21	10 Feb 2015	34	13.60	87.62	7.2	33.27	8.1	24.9	1.61
F21	10 Feb 2015	35	13.57	87.69	7.2	33.27	8.1	24.9	1.57
F21	10 Feb 2015	36	13.48	87.70	7.1	33.28	8.1	25.0	1.48
F21	10 Feb 2015	37	13.37	87.92	7.0	33.28	8.1	25.0	1.40
F21	10 Feb 2015	38	13.21	88.14	6.9	33.26	8.1	25.0	1.24
F21	10 Feb 2015	39	12.91	88.70	6.9	33.27	8.1	25.1	1.12
F21	10 Feb 2015	40	12.70	89.20	6.9	33.26	8.1	25.1	0.99
F21	10 Feb 2015	41	12.50	89.51	6.8	33.27	8.1	25.1	0.92
F21	10 Feb 2015	42	12.35	89.71	6.8	33.28	8.0	25.2	0.83
F21	10 Feb 2015	43	12.25	89.79	6.6	33.30	8.0	25.2	0.78
F21	10 Feb 2015	44	12.16	89.68	6.6	33.30	8.0	25.2	0.74
F21	10 Feb 2015	45	12.11	89.89	6.7	33.31	8.0	25.3	0.72
F21	10 Feb 2015	46	12.09	89.92	6.6	33.31	8.0	25.3	0.70
F21	10 Feb 2015	47	12.05	89.87	6.5	33.31	8.0	25.3	0.69
F21	10 Feb 2015	48	11.85	89.80	6.4	33.33	8.0	25.3	0.62
F21	10 Feb 2015	49	11.75	89.92	6.3	33.34	8.0	25.3	0.60
F21	10 Feb 2015	50	11.70	90.05	6.3	33.35	8.0	25.4	0.57
F21	10 Feb 2015	51	11.66	90.09	6.3	33.35	8.0	25.4	0.54
F21	10 Feb 2015	52	11.59	90.12	6.2	33.37	8.0	25.4	0.51
F21	10 Feb 2015	53	11.58	90.13	6.2	33.37	8.0	25.4	0.50
F21	10 Feb 2015	54	11.52	90.14	6.1	33.38	8.0	25.4	0.48
F21	10 Feb 2015	55	11.45	89.94	6.0	33.40	8.0	25.5	0.44
F21	10 Feb 2015	56	11.42	89.84	5.8	33.41	8.0	25.5	0.41
F21	10 Feb 2015	57	11.39	89.65	5.8	33.42	8.0	25.5	0.39
F21	10 Feb 2015	58	11.39	89.65	5.8	33.42	7.9	25.5	0.37
F21	10 Feb 2015	59	11.38	89.67	5.8	33.42	7.9	25.5	0.36
F21	10 Feb 2015	60	11.38	89.69	5.8	33.42	7.9	25.5	0.35
F21	10 Feb 2015	61	11.33	89.64	5.6	33.42	7.9	25.5	0.32
F21	10 Feb 2015	62	11.29	89.49	5.5	33.42	7.9	25.5	0.31
F21	10 Feb 2015	63	11.22	89.20	5.4	33.42	7.9	25.5	0.30
F21	10 Feb 2015	64	11.14	88.64	5.3	33.42	7.9	25.5	0.28
F21	10 Feb 2015	65	11.10	88.13	5.2	33.43	7.9	25.5	0.27
F21	10 Feb 2015	66	11.05	87.86	5.1	33.43	7.9	25.5	0.26
F21	10 Feb 2015	67	10.99	87.65	5.0	33.43	7.9	25.6	0.25
F21	10 Feb 2015	68	10.99	88.28	5.1	33.45	7.9	25.6	0.26
F21	10 Feb 2015	69	10.95	88.31	5.1	33.45	7.9	25.6	0.25
F21	10 Feb 2015	70	10.93	87.71	5.1	33.46	7.9	25.6	0.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	10 Feb 2015	71	10.92	87.86	5.0	33.47	7.9	25.6	0.24
F21	10 Feb 2015	72	10.88	88.23	5.0	33.47	7.9	25.6	0.24
F21	10 Feb 2015	73	10.85	88.11	5.0	33.48	7.9	25.6	0.24
F21	10 Feb 2015	74	10.84	87.99	5.0	33.50	7.9	25.6	0.24
F21	10 Feb 2015	75	10.83	88.05	5.0	33.51	7.9	25.6	0.25
F21	10 Feb 2015	76	10.80	88.05	5.0	33.52	7.9	25.7	0.25
F21	10 Feb 2015	77	10.76	88.03	5.0	33.55	7.9	25.7	0.25
F21	10 Feb 2015	78	10.75	87.46	5.0	33.55	7.9	25.7	0.26
F21	10 Feb 2015	79	10.73	86.68	5.0	33.56	7.9	25.7	0.24
F21	10 Feb 2015	80	10.71	83.67	4.9	33.57	7.8	25.7	0.25
F21	10 Feb 2015	81	10.70	82.84	4.9	33.57	7.8	25.7	0.26
F21	10 Feb 2015	82	10.70	82.52	4.9	33.57	7.8	25.7	0.25
F22	10 Feb 2015	1	16.97	88.87	7.8	33.38	8.2	24.3	0.33
F22	10 Feb 2015	2	16.95	89.49	7.8	33.38	8.2	24.3	0.34
F22	10 Feb 2015	3	16.94	89.66	7.8	33.38	8.2	24.3	0.35
F22	10 Feb 2015	4	16.94	89.59	7.8	33.38	8.2	24.3	0.36
F22	10 Feb 2015	5	16.93	89.53	7.8	33.38	8.2	24.3	0.36
F22	10 Feb 2015	6	16.93	89.63	7.8	33.38	8.2	24.3	0.35
F22	10 Feb 2015	7	16.93	89.64	7.9	33.38	8.2	24.3	0.37
F22	10 Feb 2015	8	16.93	89.65	7.8	33.38	8.2	24.3	0.38
F22	10 Feb 2015	9	16.93	89.73	7.8	33.38	8.2	24.3	0.39
F22	10 Feb 2015	10	16.93	89.78	7.8	33.39	8.2	24.3	0.39
F22	10 Feb 2015	11	16.93	89.71	7.8	33.40	8.2	24.3	0.38
F22	10 Feb 2015	12	16.92	89.99	7.8	33.41	8.2	24.3	0.38
F22	10 Feb 2015	13	16.87	90.12	7.9	33.42	8.2	24.3	0.38
F22	10 Feb 2015	14	16.85	90.15	7.8	33.42	8.2	24.3	0.41
F22	10 Feb 2015	15	16.78	90.13	7.8	33.41	8.2	24.3	0.41
F22	10 Feb 2015	16	16.64	90.13	7.8	33.40	8.2	24.4	0.45
F22	10 Feb 2015	17	16.54	90.06	7.9	33.40	8.2	24.4	0.46
F22	10 Feb 2015	18	16.46	90.08	7.9	33.39	8.2	24.4	0.46
F22	10 Feb 2015	19	16.35	90.02	7.9	33.38	8.2	24.4	0.51
F22	10 Feb 2015	20	16.27	89.90	7.9	33.37	8.2	24.4	0.54
F22	10 Feb 2015	21	16.23	89.81	7.9	33.36	8.2	24.4	0.57
F22	10 Feb 2015	22	16.14	89.71	7.9	33.35	8.2	24.4	0.63
F22	10 Feb 2015	23	16.08	89.73	7.9	33.34	8.2	24.5	0.71
F22	10 Feb 2015	24	15.94	89.64	7.9	33.31	8.2	24.5	0.86
F22	10 Feb 2015	25	15.71	89.25	8.0	33.27	8.2	24.5	1.09
F22	10 Feb 2015	26	15.51	88.89	8.0	33.26	8.2	24.5	1.47
F22	10 Feb 2015	27	15.42	88.01	7.9	33.27	8.2	24.5	1.78
F22	10 Feb 2015	28	15.30	87.53	7.8	33.27	8.2	24.6	1.97
F22	10 Feb 2015	29	15.17	87.19	7.7	33.27	8.2	24.6	2.05
F22	10 Feb 2015	30	15.05	86.91	7.6	33.27	8.2	24.6	2.02
F22	10 Feb 2015	31	14.54	86.42	7.4	33.25	8.1	24.7	1.88
F22	10 Feb 2015	32	14.16	86.03	7.3	33.28	8.1	24.8	1.72
F22	10 Feb 2015	33	13.96	86.21	7.2	33.28	8.1	24.9	1.59
F22	10 Feb 2015	34	13.83	86.51	7.1	33.28	8.1	24.9	1.49
F22	10 Feb 2015	35	13.73	86.71	7.1	33.29	8.1	24.9	1.46
F22	10 Feb 2015	36	13.67	86.79	7.0	33.29	8.1	24.9	1.44
F22	10 Feb 2015	37	13.60	86.75	7.0	33.29	8.1	24.9	1.39
F22	10 Feb 2015	38	13.47	86.78	7.0	33.30	8.1	25.0	1.37
F22	10 Feb 2015	39	13.36	86.81	6.9	33.29	8.1	25.0	1.27
F22	10 Feb 2015	40	13.14	86.98	6.8	33.30	8.1	25.1	1.18
F22	10 Feb 2015	41	12.95	87.24	6.7	33.30	8.1	25.1	1.07
F22	10 Feb 2015	42	12.74	87.42	6.6	33.30	8.0	25.1	0.95
F22	10 Feb 2015	43	12.58	87.74	6.6	33.31	8.0	25.2	0.87
F22	10 Feb 2015	44	12.41	87.84	6.6	33.30	8.0	25.2	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F22	10 Feb 2015	45	12.20	87.96	6.5	33.31	8.0	25.2	0.76
F22	10 Feb 2015	46	12.11	88.67	6.5	33.33	8.0	25.3	0.69
F22	10 Feb 2015	47	12.06	88.84	6.5	33.33	8.0	25.3	0.67
F22	10 Feb 2015	48	11.95	89.04	6.3	33.33	8.0	25.3	0.60
F22	10 Feb 2015	49	11.78	89.17	6.2	33.36	8.0	25.4	0.55
F22	10 Feb 2015	50	11.73	89.28	6.2	33.37	8.0	25.4	0.52
F22	10 Feb 2015	51	11.66	89.33	6.1	33.38	8.0	25.4	0.49
F22	10 Feb 2015	52	11.60	89.48	6.1	33.38	8.0	25.4	0.46
F22	10 Feb 2015	53	11.55	89.56	6.0	33.39	8.0	25.4	0.42
F22	10 Feb 2015	54	11.51	89.58	5.9	33.39	8.0	25.4	0.37
F22	10 Feb 2015	55	11.48	89.69	5.9	33.40	7.9	25.4	0.37
F22	10 Feb 2015	56	11.45	89.70	5.8	33.40	7.9	25.4	0.37
F22	10 Feb 2015	57	11.42	89.71	5.8	33.40	7.9	25.5	0.35
F22	10 Feb 2015	58	11.39	89.81	5.8	33.41	7.9	25.5	0.35
F22	10 Feb 2015	59	11.33	89.86	5.7	33.42	7.9	25.5	0.33
F22	10 Feb 2015	60	11.27	89.95	5.6	33.43	7.9	25.5	0.31
F22	10 Feb 2015	61	11.21	89.89	5.5	33.43	7.9	25.5	0.29
F22	10 Feb 2015	62	11.16	89.70	5.4	33.44	7.9	25.5	0.28
F22	10 Feb 2015	63	11.13	89.69	5.4	33.45	7.9	25.5	0.28
F22	10 Feb 2015	64	11.12	89.70	5.4	33.45	7.9	25.6	0.28
F22	10 Feb 2015	65	11.06	89.64	5.4	33.47	7.9	25.6	0.27
F22	10 Feb 2015	66	11.02	89.52	5.3	33.49	7.9	25.6	0.27
F22	10 Feb 2015	67	11.00	89.27	5.3	33.49	7.9	25.6	0.27
F22	10 Feb 2015	68	10.97	89.20	5.3	33.50	7.9	25.6	0.26
F22	10 Feb 2015	69	10.94	88.53	5.2	33.51	7.9	25.6	0.26
F22	10 Feb 2015	70	10.92	87.72	5.2	33.51	7.9	25.6	0.25
F22	10 Feb 2015	71	10.89	86.11	5.1	33.52	7.9	25.6	0.25
F22	10 Feb 2015	72	10.88	82.57	5.1	33.53	7.9	25.7	0.27
F22	10 Feb 2015	73	10.85	78.05	5.0	33.54	7.9	25.7	0.26
F22	10 Feb 2015	74	10.83	75.94	5.0	33.54	7.9	25.7	0.25
F22	10 Feb 2015	75	10.80	79.97	5.0	33.55	7.9	25.7	0.25
F22	10 Feb 2015	76	10.75	81.40	5.0	33.56	7.9	25.7	0.24
F22	10 Feb 2015	77	10.74	80.05	5.0	33.57	7.8	25.7	0.25
F22	10 Feb 2015	78	10.74	79.61	5.0	33.57	7.8	25.7	0.25
F22	10 Feb 2015	79	10.73	78.64	4.9	33.57	7.8	25.7	0.25
F22	10 Feb 2015	80	10.73	76.46	4.9	33.57	7.8	25.7	0.25
F23	10 Feb 2015	1	16.95	88.33	7.8	33.38	8.2	24.3	0.35
F23	10 Feb 2015	2	16.90	88.89	7.7	33.38	8.2	24.3	0.34
F23	10 Feb 2015	3	16.89	88.95	7.7	33.38	8.2	24.3	0.35
F23	10 Feb 2015	4	16.88	89.05	7.7	33.37	8.2	24.3	0.33
F23	10 Feb 2015	5	16.88	88.82	7.7	33.37	8.2	24.3	0.32
F23	10 Feb 2015	6	16.88	88.19	7.8	33.37	8.2	24.3	0.34
F23	10 Feb 2015	7	16.88	88.13	7.8	33.37	8.2	24.3	0.35
F23	10 Feb 2015	8	16.87	88.90	7.8	33.37	8.2	24.3	0.35
F23	10 Feb 2015	9	16.87	89.19	7.8	33.37	8.2	24.3	0.36
F23	10 Feb 2015	10	16.86	89.26	7.8	33.37	8.2	24.3	0.37
F23	10 Feb 2015	11	16.86	89.37	7.8	33.37	8.2	24.3	0.38
F23	10 Feb 2015	12	16.85	89.50	7.8	33.38	8.2	24.3	0.40
F23	10 Feb 2015	13	16.81	89.64	7.8	33.37	8.2	24.3	0.41
F23	10 Feb 2015	14	16.69	90.00	7.8	33.35	8.2	24.3	0.41
F23	10 Feb 2015	15	16.38	90.11	7.9	33.35	8.2	24.4	0.43
F23	10 Feb 2015	16	16.27	90.03	8.0	33.35	8.2	24.4	0.48
F23	10 Feb 2015	17	16.22	89.98	7.9	33.35	8.2	24.4	0.51
F23	10 Feb 2015	18	16.22	89.89	7.9	33.37	8.2	24.4	0.56
F23	10 Feb 2015	19	16.22	89.92	7.9	33.37	8.2	24.4	0.55
F23	10 Feb 2015	20	16.22	89.91	7.8	33.37	8.2	24.4	0.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F23	10 Feb 2015	21	16.10	89.88	7.8	33.36	8.2	24.5	0.65
F23	10 Feb 2015	22	15.80	89.63	7.8	33.30	8.2	24.5	0.88
F23	10 Feb 2015	23	15.46	89.12	7.9	33.28	8.2	24.5	1.27
F23	10 Feb 2015	24	15.27	88.27	7.9	33.26	8.2	24.6	1.77
F23	10 Feb 2015	25	15.11	87.68	8.0	33.24	8.2	24.6	2.12
F23	10 Feb 2015	26	14.91	87.38	7.8	33.24	8.2	24.6	2.43
F23	10 Feb 2015	27	14.67	87.50	7.6	33.23	8.2	24.7	2.25
F23	10 Feb 2015	28	14.49	87.94	7.6	33.25	8.1	24.7	2.12
F23	10 Feb 2015	29	14.40	88.00	7.6	33.25	8.1	24.8	2.06
F23	10 Feb 2015	30	14.27	88.00	7.5	33.25	8.1	24.8	2.02
F23	10 Feb 2015	31	14.12	87.90	7.3	33.25	8.1	24.8	1.94
F23	10 Feb 2015	32	13.92	87.47	7.2	33.25	8.1	24.9	1.80
F23	10 Feb 2015	33	13.70	87.22	7.2	33.25	8.1	24.9	1.73
F23	10 Feb 2015	34	13.52	87.13	7.1	33.26	8.1	24.9	1.59
F23	10 Feb 2015	35	13.40	87.40	7.1	33.27	8.1	25.0	1.52
F23	10 Feb 2015	36	13.24	87.56	7.0	33.27	8.1	25.0	1.36
F23	10 Feb 2015	37	13.01	87.80	7.0	33.28	8.1	25.1	1.24
F23	10 Feb 2015	38	12.95	87.97	6.9	33.28	8.1	25.1	1.18
F23	10 Feb 2015	39	12.87	87.90	6.8	33.29	8.1	25.1	1.11
F23	10 Feb 2015	40	12.82	87.82	6.8	33.30	8.1	25.1	1.05
F23	10 Feb 2015	41	12.71	87.74	6.7	33.30	8.0	25.1	0.98
F23	10 Feb 2015	42	12.65	87.72	6.7	33.31	8.0	25.2	0.93
F23	10 Feb 2015	43	12.61	87.75	6.6	33.31	8.0	25.2	0.89
F23	10 Feb 2015	44	12.53	87.70	6.5	33.31	8.0	25.2	0.84
F23	10 Feb 2015	45	12.30	87.92	6.6	33.30	8.0	25.2	0.77
F23	10 Feb 2015	46	12.12	88.89	6.5	33.32	8.0	25.3	0.70
F23	10 Feb 2015	47	11.88	88.77	6.4	33.33	8.0	25.3	0.62
F23	10 Feb 2015	48	11.81	89.32	6.4	33.34	8.0	25.3	0.60
F23	10 Feb 2015	49	11.79	89.21	6.3	33.35	8.0	25.3	0.56
F23	10 Feb 2015	50	11.77	88.93	6.2	33.36	8.0	25.4	0.53
F23	10 Feb 2015	51	11.73	88.22	6.2	33.37	8.0	25.4	0.52
F23	10 Feb 2015	52	11.70	88.21	6.2	33.38	8.0	25.4	0.51
F23	10 Feb 2015	53	11.68	88.39	6.1	33.38	8.0	25.4	0.49
F23	10 Feb 2015	54	11.65	88.35	6.1	33.38	8.0	25.4	0.47
F23	10 Feb 2015	55	11.58	88.48	6.0	33.39	8.0	25.4	0.43
F23	10 Feb 2015	56	11.45	88.44	5.9	33.41	8.0	25.5	0.40
F23	10 Feb 2015	57	11.34	88.62	5.8	33.43	8.0	25.5	0.37
F23	10 Feb 2015	58	11.28	88.24	5.8	33.44	7.9	25.5	0.35
F23	10 Feb 2015	59	11.26	87.92	5.8	33.44	7.9	25.5	0.35
F23	10 Feb 2015	60	11.24	87.94	5.7	33.45	7.9	25.5	0.35
F23	10 Feb 2015	61	11.21	88.25	5.7	33.45	7.9	25.5	0.34
F23	10 Feb 2015	62	11.20	88.44	5.6	33.46	7.9	25.5	0.32
F23	10 Feb 2015	63	11.19	88.43	5.6	33.46	7.9	25.5	0.33
F23	10 Feb 2015	64	11.18	88.32	5.5	33.47	7.9	25.5	0.34
F23	10 Feb 2015	65	11.17	88.30	5.4	33.47	7.9	25.6	0.29
F23	10 Feb 2015	66	11.15	88.53	5.4	33.47	7.9	25.6	0.30
F23	10 Feb 2015	67	11.14	88.42	5.3	33.47	7.9	25.6	0.27
F23	10 Feb 2015	68	11.10	88.13	5.3	33.48	7.9	25.6	0.26
F23	10 Feb 2015	69	11.06	88.90	5.3	33.49	7.9	25.6	0.26
F23	10 Feb 2015	70	11.02	89.25	5.2	33.50	7.9	25.6	0.25
F23	10 Feb 2015	71	11.01	89.56	5.2	33.50	7.9	25.6	0.25
F23	10 Feb 2015	72	10.99	89.58	5.2	33.51	7.9	25.6	0.26
F23	10 Feb 2015	73	10.96	89.69	5.2	33.51	7.9	25.6	0.25
F23	10 Feb 2015	74	10.95	89.75	5.2	33.52	7.9	25.6	0.24
F23	10 Feb 2015	75	10.91	89.64	5.1	33.52	7.9	25.6	0.26
F23	10 Feb 2015	76	10.85	88.86	5.0	33.55	7.9	25.7	0.24
F23	10 Feb 2015	77	10.83	87.10	5.0	33.55	7.9	25.7	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F23	10 Feb 2015	78	10.80	84.58	5.0	33.56	7.9	25.7	0.25
F23	10 Feb 2015	79	10.78	81.90	5.0	33.56	7.9	25.7	0.23
F23	10 Feb 2015	80	10.77	78.75	5.0	33.57	7.9	25.7	0.25
F23	10 Feb 2015	81	10.77	77.64	5.0	33.57	7.9	25.7	0.40
F24	10 Feb 2015	1	16.89	88.14	7.8	33.37	8.2	24.3	0.39
F24	10 Feb 2015	2	16.88	88.14	7.8	33.37	8.2	24.3	0.39
F24	10 Feb 2015	3	16.86	87.99	7.8	33.37	8.2	24.3	0.41
F24	10 Feb 2015	4	16.87	87.96	7.8	33.37	8.2	24.3	0.40
F24	10 Feb 2015	5	16.86	88.10	7.8	33.37	8.2	24.3	0.40
F24	10 Feb 2015	6	16.86	88.25	7.8	33.37	8.2	24.3	0.40
F24	10 Feb 2015	7	16.85	88.26	7.8	33.37	8.2	24.3	0.41
F24	10 Feb 2015	8	16.85	88.30	7.8	33.37	8.2	24.3	0.41
F24	10 Feb 2015	9	16.85	88.32	7.8	33.37	8.2	24.3	0.44
F24	10 Feb 2015	10	16.85	88.32	7.8	33.37	8.2	24.3	0.46
F24	10 Feb 2015	11	16.85	88.34	7.8	33.37	8.2	24.3	0.46
F24	10 Feb 2015	12	16.84	88.33	7.8	33.37	8.2	24.3	0.47
F24	10 Feb 2015	13	16.84	88.37	7.8	33.37	8.2	24.3	0.49
F24	10 Feb 2015	14	16.84	88.45	7.8	33.37	8.2	24.3	0.51
F24	10 Feb 2015	15	16.84	88.49	7.8	33.37	8.2	24.3	0.53
F24	10 Feb 2015	16	16.83	88.59	7.8	33.37	8.2	24.3	0.53
F24	10 Feb 2015	17	16.82	88.85	7.8	33.37	8.2	24.3	0.52
F24	10 Feb 2015	18	16.77	89.26	7.8	33.36	8.2	24.3	0.53
F24	10 Feb 2015	19	16.70	89.77	7.9	33.35	8.2	24.3	0.51
F24	10 Feb 2015	20	16.54	90.12	7.9	33.34	8.2	24.4	0.52
F24	10 Feb 2015	21	16.37	90.07	7.9	33.34	8.2	24.4	0.56
F24	10 Feb 2015	22	16.23	90.08	8.0	33.34	8.2	24.4	0.61
F24	10 Feb 2015	23	16.11	90.02	8.0	33.33	8.2	24.4	0.67
F24	10 Feb 2015	24	15.96	89.88	8.0	33.32	8.2	24.5	0.72
F24	10 Feb 2015	25	15.84	89.83	8.0	33.31	8.2	24.5	0.77
F24	10 Feb 2015	26	15.79	89.75	8.0	33.33	8.2	24.5	0.85
F24	10 Feb 2015	27	15.75	89.48	7.9	33.34	8.2	24.5	0.92
F24	10 Feb 2015	28	15.73	89.42	7.9	33.34	8.2	24.5	1.01
F24	10 Feb 2015	29	15.55	89.33	7.9	33.31	8.2	24.5	1.26
F24	10 Feb 2015	30	15.37	88.97	7.9	33.28	8.2	24.6	1.81
F24	10 Feb 2015	31	15.09	88.07	8.0	33.24	8.2	24.6	2.55
F24	10 Feb 2015	32	14.92	87.39	7.8	33.24	8.2	24.6	2.88
F24	10 Feb 2015	33	14.73	87.12	7.8	33.23	8.2	24.7	2.90
F24	10 Feb 2015	34	14.53	87.29	7.7	33.21	8.1	24.7	2.73
F24	10 Feb 2015	35	14.28	87.79	7.7	33.20	8.1	24.7	2.52
F24	10 Feb 2015	36	14.18	88.22	7.6	33.22	8.1	24.8	2.32
F24	10 Feb 2015	37	14.05	88.66	7.6	33.22	8.1	24.8	2.12
F24	10 Feb 2015	38	14.01	88.83	7.5	33.22	8.1	24.8	1.97
F24	10 Feb 2015	39	13.86	89.05	7.5	33.22	8.1	24.8	1.83
F24	10 Feb 2015	40	13.80	89.16	7.4	33.23	8.1	24.9	1.76
F24	10 Feb 2015	41	13.65	89.08	7.3	33.23	8.1	24.9	1.67
F24	10 Feb 2015	42	13.50	88.79	7.2	33.23	8.1	24.9	1.54
F24	10 Feb 2015	43	13.28	88.05	7.1	33.25	8.1	25.0	1.44
F24	10 Feb 2015	44	13.20	88.26	7.1	33.26	8.1	25.0	1.35
F24	10 Feb 2015	45	13.11	87.72	7.0	33.26	8.1	25.0	1.28
F24	10 Feb 2015	46	13.03	87.88	7.0	33.26	8.1	25.0	1.20
F24	10 Feb 2015	47	12.90	87.70	7.0	33.26	8.1	25.1	1.11
F24	10 Feb 2015	48	12.78	87.93	6.9	33.27	8.1	25.1	1.04
F24	10 Feb 2015	49	12.70	88.11	6.8	33.28	8.1	25.1	0.94
F24	10 Feb 2015	50	12.52	88.03	6.6	33.28	8.0	25.2	0.81
F24	10 Feb 2015	51	12.24	88.28	6.5	33.31	8.0	25.2	0.73
F24	10 Feb 2015	52	12.14	88.54	6.4	33.32	8.0	25.3	0.69

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F24	10 Feb 2015	53	12.09	88.31	6.4	33.33	8.0	25.3	0.65
F24	10 Feb 2015	54	11.94	88.44	6.4	33.34	8.0	25.3	0.62
F24	10 Feb 2015	55	11.91	88.35	6.4	33.35	8.0	25.3	0.60
F24	10 Feb 2015	56	11.88	88.50	6.3	33.35	8.0	25.3	0.57
F24	10 Feb 2015	57	11.81	88.35	6.3	33.35	8.0	25.3	0.55
F24	10 Feb 2015	58	11.78	88.39	6.3	33.36	8.0	25.4	0.57
F24	10 Feb 2015	59	11.75	88.33	6.2	33.36	8.0	25.4	0.52
F24	10 Feb 2015	60	11.70	88.20	6.2	33.37	8.0	25.4	0.50
F24	10 Feb 2015	61	11.62	88.65	6.2	33.37	8.0	25.4	0.49
F24	10 Feb 2015	62	11.46	89.36	6.1	33.38	8.0	25.4	0.45
F24	10 Feb 2015	63	11.33	89.55	6.0	33.41	8.0	25.5	0.43
F24	10 Feb 2015	64	11.26	89.78	5.9	33.42	7.9	25.5	0.39
F24	10 Feb 2015	65	11.22	89.30	5.8	33.43	7.9	25.5	0.39
F24	10 Feb 2015	66	11.21	88.69	5.8	33.44	7.9	25.5	0.37
F24	10 Feb 2015	67	11.18	87.57	5.7	33.45	7.9	25.5	0.35
F24	10 Feb 2015	68	11.14	87.57	5.6	33.47	7.9	25.6	0.32
F24	10 Feb 2015	69	11.14	86.18	5.4	33.48	7.9	25.6	0.30
F24	10 Feb 2015	70	11.15	83.97	5.2	33.49	7.9	25.6	0.28
F24	10 Feb 2015	71	11.13	83.02	5.2	33.50	7.9	25.6	0.27
F24	10 Feb 2015	72	11.10	82.59	5.1	33.50	7.9	25.6	0.27
F24	10 Feb 2015	73	11.06	82.57	5.1	33.50	7.9	25.6	0.26
F24	10 Feb 2015	74	11.04	83.01	5.1	33.51	7.9	25.6	0.25
F24	10 Feb 2015	75	11.03	82.60	5.1	33.51	7.9	25.6	0.25
F24	10 Feb 2015	76	11.02	82.07	5.1	33.52	7.9	25.6	0.24
F24	10 Feb 2015	77	11.01	82.09	5.1	33.52	7.9	25.6	0.24
F24	10 Feb 2015	78	11.01	81.18	5.1	33.52	7.9	25.6	0.25
F24	10 Feb 2015	79	11.01	80.51	5.0	33.52	7.9	25.6	0.25
F24	10 Feb 2015	80	10.99	75.48	5.0	33.53	7.9	25.6	0.26
F24	10 Feb 2015	81	10.98	67.92	4.9	33.52	7.9	25.6	1.04
F25	10 Feb 2015	1	16.93	89.35	7.8	33.37	8.1	24.3	0.32
F25	10 Feb 2015	2	16.92	89.54	7.8	33.37	8.1	24.3	0.33
F25	10 Feb 2015	3	16.91	89.70	7.8	33.37	8.1	24.3	0.33
F25	10 Feb 2015	4	16.91	89.70	7.8	33.37	8.1	24.3	0.32
F25	10 Feb 2015	5	16.91	89.59	7.8	33.37	8.1	24.3	0.33
F25	10 Feb 2015	6	16.91	88.65	7.8	33.37	8.1	24.3	0.33
F25	10 Feb 2015	7	16.91	89.61	7.8	33.37	8.1	24.3	0.35
F25	10 Feb 2015	8	16.91	89.60	7.8	33.37	8.1	24.3	0.35
F25	10 Feb 2015	9	16.90	89.67	7.8	33.37	8.1	24.3	0.38
F25	10 Feb 2015	10	16.90	89.69	7.9	33.37	8.1	24.3	0.38
F25	10 Feb 2015	11	16.90	89.68	7.8	33.37	8.1	24.3	0.41
F25	10 Feb 2015	12	16.88	89.70	7.9	33.37	8.1	24.3	0.43
F25	10 Feb 2015	13	16.88	89.74	7.9	33.37	8.1	24.3	0.43
F25	10 Feb 2015	14	16.85	89.76	7.9	33.37	8.1	24.3	0.44
F25	10 Feb 2015	15	16.82	89.85	7.9	33.36	8.1	24.3	0.45
F25	10 Feb 2015	16	16.75	90.03	8.0	33.35	8.1	24.3	0.47
F25	10 Feb 2015	17	16.62	90.13	8.0	33.34	8.1	24.3	0.49
F25	10 Feb 2015	18	16.46	90.11	8.1	33.34	8.1	24.4	0.53
F25	10 Feb 2015	19	16.39	90.10	8.0	33.34	8.1	24.4	0.56
F25	10 Feb 2015	20	16.30	90.06	8.0	33.34	8.1	24.4	0.62
F25	10 Feb 2015	21	16.21	89.94	8.1	33.34	8.1	24.4	0.67
F25	10 Feb 2015	22	16.16	89.86	8.1	33.34	8.1	24.4	0.71
F25	10 Feb 2015	23	16.18	89.85	8.0	33.34	8.1	24.4	0.79
F25	10 Feb 2015	24	16.09	89.76	8.0	33.34	8.1	24.4	0.89
F25	10 Feb 2015	25	16.01	89.45	8.0	33.34	8.1	24.5	1.06
F25	10 Feb 2015	26	15.94	89.24	8.0	33.34	8.1	24.5	1.23
F25	10 Feb 2015	27	15.86	88.80	8.0	33.34	8.1	24.5	1.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F25	10 Feb 2015	28	15.67	88.06	7.8	33.31	8.1	24.5	2.42
F25	10 Feb 2015	29	15.44	87.19	7.9	33.30	8.1	24.6	2.45
F25	10 Feb 2015	30	15.37	87.69	8.0	33.30	8.1	24.6	2.29
F25	10 Feb 2015	31	15.31	88.33	8.0	33.30	8.1	24.6	2.00
F25	10 Feb 2015	32	15.21	88.15	8.0	33.29	8.1	24.6	1.98
F25	10 Feb 2015	33	15.15	88.02	7.9	33.30	8.1	24.6	2.07
F25	10 Feb 2015	34	15.09	87.81	7.9	33.28	8.1	24.6	2.70
F25	10 Feb 2015	35	14.88	86.69	7.9	33.29	8.1	24.7	3.32
F25	10 Feb 2015	36	14.85	87.22	7.8	33.27	8.1	24.7	3.50
F25	10 Feb 2015	37	14.62	86.18	7.7	33.28	8.1	24.7	3.10
F25	10 Feb 2015	38	14.50	87.02	7.6	33.27	8.1	24.7	2.63
F25	10 Feb 2015	39	14.27	88.27	7.5	33.27	8.1	24.8	2.31
F25	10 Feb 2015	40	14.11	88.82	7.5	33.27	8.1	24.8	2.06
F25	10 Feb 2015	41	13.96	89.11	7.4	33.26	8.1	24.9	1.82
F25	10 Feb 2015	42	13.76	89.50	7.3	33.26	8.0	24.9	1.56
F25	10 Feb 2015	43	13.53	89.76	7.3	33.22	8.0	24.9	1.40
F25	10 Feb 2015	44	13.38	90.01	7.4	33.22	8.0	24.9	1.37
F25	10 Feb 2015	45	13.32	90.00	7.4	33.21	8.0	24.9	1.31
F25	10 Feb 2015	46	13.19	89.99	7.3	33.20	8.0	25.0	1.25
F25	10 Feb 2015	47	13.01	89.92	7.2	33.22	8.0	25.0	1.15
F25	10 Feb 2015	48	12.86	89.90	7.1	33.24	8.0	25.1	1.04
F25	10 Feb 2015	49	12.72	89.94	7.0	33.27	8.0	25.1	0.98
F25	10 Feb 2015	50	12.61	89.45	6.9	33.27	8.0	25.1	0.88
F25	10 Feb 2015	51	12.36	89.21	6.7	33.28	8.0	25.2	0.77
F25	10 Feb 2015	52	12.27	89.37	6.7	33.29	8.0	25.2	0.77
F25	10 Feb 2015	53	12.15	89.54	6.7	33.29	8.0	25.2	0.71
F25	10 Feb 2015	54	12.00	89.85	6.6	33.30	8.0	25.3	0.63
F25	10 Feb 2015	55	11.91	90.06	6.4	33.34	8.0	25.3	0.58
F25	10 Feb 2015	56	11.86	89.88	6.3	33.34	7.9	25.3	0.53
F25	10 Feb 2015	57	11.73	89.71	6.2	33.37	7.9	25.4	0.46
F25	10 Feb 2015	58	11.64	89.72	6.2	33.37	7.9	25.4	0.44
F25	10 Feb 2015	59	11.51	90.10	6.1	33.38	7.9	25.4	0.42
F25	10 Feb 2015	60	11.40	90.29	6.0	33.40	7.9	25.5	0.40
F25	10 Feb 2015	61	11.33	90.33	6.0	33.41	7.9	25.5	0.42
F25	10 Feb 2015	62	11.29	90.32	6.0	33.42	7.9	25.5	0.40
F25	10 Feb 2015	63	11.27	90.25	6.0	33.42	7.9	25.5	0.38
F25	10 Feb 2015	64	11.17	90.35	5.9	33.43	7.9	25.5	0.35
F25	10 Feb 2015	65	11.09	90.51	5.9	33.44	7.9	25.5	0.33
F25	10 Feb 2015	66	11.05	90.64	5.8	33.45	7.9	25.6	0.32
F25	10 Feb 2015	67	11.04	90.77	5.8	33.45	7.9	25.6	0.32
F25	10 Feb 2015	68	11.01	90.79	5.8	33.45	7.9	25.6	0.32
F25	10 Feb 2015	69	10.96	90.63	5.7	33.46	7.9	25.6	0.32
F25	10 Feb 2015	70	10.88	90.14	5.7	33.48	7.9	25.6	0.30
F25	10 Feb 2015	71	10.85	90.01	5.6	33.48	7.9	25.6	0.30
F25	10 Feb 2015	72	10.84	89.98	5.6	33.49	7.9	25.6	0.30
F25	10 Feb 2015	73	10.81	87.75	5.6	33.50	7.9	25.6	0.30
F25	10 Feb 2015	74	10.80	87.31	5.5	33.50	7.8	25.6	0.28
F25	10 Feb 2015	75	10.79	85.91	5.5	33.50	7.8	25.6	0.29
F25	10 Feb 2015	76	10.79	83.47	5.5	33.50	7.8	25.6	0.29
F25	10 Feb 2015	77	10.78	82.16	5.5	33.50	7.8	25.6	0.28
F25	10 Feb 2015	78	10.78	77.30	5.5	33.51	7.8	25.6	0.26
F25	10 Feb 2015	79	10.79	78.48	5.5	33.50	7.8	25.6	0.31
F25	10 Feb 2015	80	10.79	78.61	5.5	33.50	7.8	25.6	0.74
F26	11 Feb 2015	1	17.27	90.40	7.8	33.35	8.2	24.2	0.24
F26	11 Feb 2015	2	17.09	90.42	7.8	33.36	8.2	24.2	0.23
F26	11 Feb 2015	3	17.07	90.27	7.8	33.36	8.2	24.2	0.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F26	11 Feb 2015	4	17.06	90.23	7.8	33.36	8.2	24.2	0.28
F26	11 Feb 2015	5	17.05	90.18	7.8	33.36	8.2	24.2	0.27
F26	11 Feb 2015	6	17.04	90.20	7.8	33.36	8.2	24.2	0.28
F26	11 Feb 2015	7	17.04	90.09	7.8	33.36	8.2	24.2	0.29
F26	11 Feb 2015	8	17.04	90.16	7.8	33.36	8.2	24.2	0.30
F26	11 Feb 2015	9	17.04	90.17	7.8	33.36	8.2	24.2	0.30
F26	11 Feb 2015	10	17.03	90.18	7.8	33.36	8.2	24.3	0.33
F26	11 Feb 2015	11	17.03	90.14	7.8	33.37	8.2	24.3	0.32
F26	11 Feb 2015	12	17.03	90.16	7.8	33.37	8.2	24.3	0.33
F26	11 Feb 2015	13	17.03	90.17	7.8	33.37	8.2	24.3	0.33
F26	11 Feb 2015	14	17.03	90.17	7.8	33.37	8.2	24.3	0.34
F26	11 Feb 2015	15	17.02	90.17	7.8	33.37	8.2	24.3	0.34
F26	11 Feb 2015	16	17.02	90.17	7.8	33.37	8.2	24.3	0.36
F26	11 Feb 2015	17	17.02	90.15	7.8	33.37	8.2	24.3	0.37
F26	11 Feb 2015	18	16.94	90.20	7.9	33.34	8.2	24.3	0.39
F26	11 Feb 2015	19	16.83	90.09	8.0	33.35	8.2	24.3	0.40
F26	11 Feb 2015	20	16.73	90.05	8.0	33.34	8.2	24.3	0.42
F26	11 Feb 2015	21	16.61	90.04	7.9	33.32	8.2	24.3	0.43
F26	11 Feb 2015	22	16.53	90.09	7.8	33.28	8.2	24.3	0.41
F26	11 Feb 2015	23	16.27	90.32	7.9	33.24	8.2	24.3	0.43
F26	11 Feb 2015	24	16.17	90.30	7.9	33.25	8.2	24.4	0.45
F26	11 Feb 2015	25	16.13	90.23	7.9	33.24	8.2	24.4	0.48
F26	11 Feb 2015	26	16.05	90.19	8.0	33.27	8.2	24.4	0.54
F26	11 Feb 2015	27	16.06	90.10	8.0	33.31	8.2	24.4	0.67
F26	11 Feb 2015	28	15.82	89.74	8.0	33.29	8.2	24.5	0.92
F26	11 Feb 2015	29	15.59	89.19	7.9	33.25	8.2	24.5	1.18
F26	11 Feb 2015	30	15.22	88.61	7.9	33.22	8.2	24.5	1.45
F26	11 Feb 2015	31	15.08	88.23	7.8	33.25	8.2	24.6	1.59
F26	11 Feb 2015	32	15.05	88.46	7.6	33.28	8.2	24.6	1.59
F26	11 Feb 2015	33	14.91	88.72	7.6	33.26	8.2	24.7	1.60
F26	11 Feb 2015	34	14.81	88.97	7.6	33.27	8.2	24.7	1.58
F26	11 Feb 2015	35	14.75	89.15	7.6	33.27	8.2	24.7	1.56
F26	11 Feb 2015	36	14.68	89.28	7.5	33.27	8.2	24.7	1.56
F26	11 Feb 2015	37	14.58	89.37	7.5	33.26	8.2	24.7	1.56
F26	11 Feb 2015	38	14.42	89.35	7.5	33.26	8.1	24.8	1.62
F26	11 Feb 2015	39	14.34	89.30	7.5	33.27	8.1	24.8	1.69
F26	11 Feb 2015	40	14.30	89.19	7.5	33.27	8.1	24.8	1.77
F26	11 Feb 2015	41	14.29	89.07	7.5	33.28	8.1	24.8	1.87
F26	11 Feb 2015	42	14.27	88.98	7.5	33.28	8.1	24.8	2.02
F26	11 Feb 2015	43	14.20	88.82	7.5	33.27	8.1	24.8	2.07
F26	11 Feb 2015	44	13.91	88.83	7.3	33.26	8.1	24.9	1.79
F26	11 Feb 2015	45	13.60	89.64	7.2	33.24	8.1	24.9	1.56
F26	11 Feb 2015	46	13.38	89.95	7.2	33.24	8.1	25.0	1.42
F26	11 Feb 2015	47	13.09	90.08	7.3	33.20	8.1	25.0	1.32
F26	11 Feb 2015	48	12.88	90.23	7.3	33.16	8.1	25.0	1.21
F26	11 Feb 2015	49	12.61	90.47	7.3	33.16	8.1	25.0	1.11
F26	11 Feb 2015	50	12.58	90.58	7.3	33.17	8.1	25.1	1.06
F26	11 Feb 2015	51	12.53	90.66	7.2	33.19	8.1	25.1	1.01
F26	11 Feb 2015	52	12.45	90.72	7.1	33.22	8.1	25.1	0.97
F26	11 Feb 2015	53	12.42	90.76	7.1	33.23	8.1	25.1	0.96
F26	11 Feb 2015	54	12.42	90.74	7.0	33.24	8.1	25.1	0.94
F26	11 Feb 2015	55	12.41	90.75	7.0	33.25	8.1	25.2	0.93
F26	11 Feb 2015	56	12.36	90.71	6.9	33.27	8.1	25.2	0.90
F26	11 Feb 2015	57	12.29	90.58	6.8	33.28	8.1	25.2	0.88
F26	11 Feb 2015	58	12.23	90.42	6.7	33.29	8.0	25.2	0.83
F26	11 Feb 2015	59	12.17	90.31	6.7	33.30	8.0	25.2	0.79
F26	11 Feb 2015	60	12.14	90.21	6.6	33.31	8.0	25.2	0.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F26	11 Feb 2015	61	12.12	89.82	6.4	33.32	8.0	25.3	0.71
F26	11 Feb 2015	62	11.90	89.47	6.3	33.31	8.0	25.3	0.64
F26	11 Feb 2015	63	11.66	90.22	6.4	33.33	8.0	25.4	0.62
F26	11 Feb 2015	64	11.62	90.64	6.4	33.33	8.0	25.4	0.58
F26	11 Feb 2015	65	11.59	90.67	6.4	33.34	8.0	25.4	0.55
F26	11 Feb 2015	66	11.54	90.67	6.3	33.34	8.0	25.4	0.53
F26	11 Feb 2015	67	11.39	90.72	6.1	33.36	8.0	25.4	0.47
F26	11 Feb 2015	68	11.28	90.31	5.8	33.38	8.0	25.5	0.40
F26	11 Feb 2015	69	11.24	89.58	5.4	33.39	7.9	25.5	0.34
F26	11 Feb 2015	70	11.17	88.59	5.2	33.41	7.9	25.5	0.31
F26	11 Feb 2015	71	11.14	89.50	5.3	33.45	7.9	25.5	0.29
F26	11 Feb 2015	72	11.01	90.32	5.3	33.50	7.9	25.6	0.27
F26	11 Feb 2015	73	10.97	90.38	5.3	33.51	7.9	25.6	0.27
F26	11 Feb 2015	74	10.95	90.35	5.3	33.51	7.9	25.6	0.29
F26	11 Feb 2015	75	10.91	90.33	5.2	33.52	7.9	25.6	0.26
F26	11 Feb 2015	76	10.86	90.46	5.2	33.53	7.9	25.7	0.26
F26	11 Feb 2015	77	10.85	90.50	5.2	33.53	7.9	25.7	0.26
F26	11 Feb 2015	78	10.84	90.56	5.2	33.53	7.9	25.7	0.26
F26	11 Feb 2015	79	10.81	90.57	5.2	33.55	7.9	25.7	0.25
F26	11 Feb 2015	80	10.74	90.63	5.1	33.57	7.9	25.7	0.24
F26	11 Feb 2015	81	10.70	90.67	5.0	33.58	7.9	25.7	0.23
F26	11 Feb 2015	82	10.59	90.72	4.9	33.60	7.9	25.8	0.23
F26	11 Feb 2015	83	10.50	90.82	4.8	33.61	7.9	25.8	0.22
F26	11 Feb 2015	84	10.39	90.75	4.7	33.66	7.8	25.8	0.21
F26	11 Feb 2015	85	10.34	90.53	4.5	33.68	7.8	25.9	0.22
F26	11 Feb 2015	86	10.30	90.41	4.5	33.69	7.8	25.9	0.21
F26	11 Feb 2015	87	10.25	90.52	4.5	33.69	7.8	25.9	0.20
F26	11 Feb 2015	88	10.18	90.42	4.4	33.72	7.8	25.9	0.21
F26	11 Feb 2015	89	10.15	89.82	4.3	33.73	7.8	25.9	0.20
F26	11 Feb 2015	90	10.14	89.56	4.3	33.73	7.8	25.9	0.21
F26	11 Feb 2015	91	10.13	89.51	4.3	33.74	7.8	25.9	0.22
F26	11 Feb 2015	92	10.13	89.45	4.3	33.74	7.8	25.9	0.21
F26	11 Feb 2015	93	10.12	89.37	4.3	33.74	7.8	25.9	0.20
F26	11 Feb 2015	94	10.11	89.28	4.3	33.74	7.8	26.0	0.20
F26	11 Feb 2015	95	10.10	89.11	4.3	33.75	7.8	26.0	0.19
F26	11 Feb 2015	96	10.10	89.03	4.3	33.75	7.8	26.0	0.19
F26	11 Feb 2015	97	10.10	89.03	4.3	33.75	7.8	26.0	0.20
F26	11 Feb 2015	98	10.08	89.00	4.2	33.75	7.8	26.0	0.20
F27	11 Feb 2015	1	17.15	90.36	7.8	33.35	8.2	24.2	0.26
F27	11 Feb 2015	2	17.11	90.28	7.8	33.35	8.2	24.2	0.25
F27	11 Feb 2015	3	17.06	90.27	7.8	33.36	8.2	24.2	0.28
F27	11 Feb 2015	4	17.06	90.23	7.8	33.36	8.2	24.2	0.28
F27	11 Feb 2015	5	17.05	90.22	7.8	33.36	8.2	24.2	0.30
F27	11 Feb 2015	6	17.05	90.21	7.8	33.36	8.2	24.2	0.30
F27	11 Feb 2015	7	17.05	90.22	7.8	33.36	8.2	24.2	0.29
F27	11 Feb 2015	8	17.05	90.21	7.8	33.36	8.2	24.2	0.30
F27	11 Feb 2015	9	17.05	90.21	7.8	33.36	8.2	24.2	0.31
F27	11 Feb 2015	10	17.05	90.20	7.8	33.36	8.2	24.2	0.31
F27	11 Feb 2015	11	17.04	90.21	7.8	33.36	8.2	24.2	0.34
F27	11 Feb 2015	12	17.03	90.21	7.8	33.36	8.2	24.2	0.33
F27	11 Feb 2015	13	16.95	90.24	7.8	33.34	8.2	24.3	0.33
F27	11 Feb 2015	14	16.88	90.28	7.9	33.33	8.2	24.3	0.34
F27	11 Feb 2015	15	16.83	90.29	7.9	33.32	8.2	24.3	0.35
F27	11 Feb 2015	16	16.80	90.29	7.9	33.31	8.2	24.3	0.35
F27	11 Feb 2015	17	16.74	90.29	7.9	33.31	8.2	24.3	0.36
F27	11 Feb 2015	18	16.70	90.31	7.9	33.30	8.2	24.3	0.36

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F27	11 Feb 2015	19	16.58	90.33	7.9	33.28	8.2	24.3	0.38
F27	11 Feb 2015	20	16.53	90.36	7.8	33.28	8.2	24.3	0.38
F27	11 Feb 2015	21	16.47	90.35	7.9	33.27	8.2	24.3	0.38
F27	11 Feb 2015	22	16.41	90.36	7.9	33.27	8.2	24.3	0.40
F27	11 Feb 2015	23	16.39	90.37	7.9	33.28	8.2	24.3	0.42
F27	11 Feb 2015	24	16.39	90.33	7.9	33.28	8.2	24.3	0.44
F27	11 Feb 2015	25	16.35	90.31	7.9	33.27	8.2	24.3	0.48
F27	11 Feb 2015	26	16.10	90.23	7.9	33.23	8.2	24.4	0.53
F27	11 Feb 2015	27	15.90	90.11	8.0	33.27	8.2	24.4	0.63
F27	11 Feb 2015	28	15.71	89.93	8.0	33.23	8.2	24.4	0.84
F27	11 Feb 2015	29	15.42	89.58	8.0	33.24	8.2	24.5	1.02
F27	11 Feb 2015	30	15.31	89.12	8.0	33.22	8.2	24.5	1.31
F27	11 Feb 2015	31	15.15	88.63	8.0	33.21	8.2	24.6	1.52
F27	11 Feb 2015	32	14.94	88.44	7.9	33.22	8.2	24.6	1.59
F27	11 Feb 2015	33	14.90	88.67	7.8	33.23	8.2	24.6	1.62
F27	11 Feb 2015	34	14.84	88.95	7.7	33.24	8.2	24.6	1.62
F27	11 Feb 2015	35	14.79	89.07	7.7	33.24	8.2	24.7	1.60
F27	11 Feb 2015	36	14.75	89.25	7.6	33.25	8.2	24.7	1.63
F27	11 Feb 2015	37	14.71	89.34	7.6	33.25	8.2	24.7	1.63
F27	11 Feb 2015	38	14.62	89.38	7.6	33.24	8.2	24.7	1.62
F27	11 Feb 2015	39	14.56	89.43	7.5	33.26	8.2	24.7	1.63
F27	11 Feb 2015	40	14.42	89.49	7.5	33.26	8.1	24.8	1.60
F27	11 Feb 2015	41	14.32	89.51	7.5	33.27	8.1	24.8	1.63
F27	11 Feb 2015	42	14.26	89.39	7.4	33.27	8.1	24.8	1.77
F27	11 Feb 2015	43	14.12	89.23	7.4	33.27	8.1	24.8	1.85
F27	11 Feb 2015	44	13.96	89.21	7.4	33.27	8.1	24.9	1.84
F27	11 Feb 2015	45	13.81	89.22	7.3	33.25	8.1	24.9	1.65
F27	11 Feb 2015	46	13.47	89.76	7.3	33.25	8.1	24.9	1.46
F27	11 Feb 2015	47	13.26	90.00	7.1	33.25	8.1	25.0	1.29
F27	11 Feb 2015	48	12.82	90.30	7.1	33.19	8.1	25.0	1.10
F27	11 Feb 2015	49	12.48	90.57	7.2	33.19	8.1	25.1	0.97
F27	11 Feb 2015	50	12.40	90.74	7.2	33.21	8.1	25.1	0.91
F27	11 Feb 2015	51	12.33	90.79	7.1	33.23	8.1	25.2	0.87
F27	11 Feb 2015	52	12.32	90.86	7.0	33.24	8.1	25.2	0.85
F27	11 Feb 2015	53	12.29	90.88	7.0	33.26	8.1	25.2	0.82
F27	11 Feb 2015	54	12.21	90.88	6.9	33.27	8.1	25.2	0.79
F27	11 Feb 2015	55	12.14	90.92	6.8	33.28	8.1	25.2	0.78
F27	11 Feb 2015	56	12.06	90.81	6.7	33.29	8.0	25.3	0.77
F27	11 Feb 2015	57	12.02	90.70	6.6	33.30	8.0	25.3	0.73
F27	11 Feb 2015	58	11.97	90.53	6.6	33.31	8.0	25.3	0.71
F27	11 Feb 2015	59	11.92	90.40	6.5	33.31	8.0	25.3	0.67
F27	11 Feb 2015	60	11.80	90.42	6.4	33.33	8.0	25.3	0.63
F27	11 Feb 2015	61	11.74	90.30	6.4	33.34	8.0	25.3	0.60
F27	11 Feb 2015	62	11.71	90.30	6.3	33.34	8.0	25.4	0.70
F27	11 Feb 2015	63	11.64	90.29	6.3	33.34	8.0	25.4	0.56
F27	11 Feb 2015	64	11.56	90.38	6.3	33.35	8.0	25.4	0.53
F27	11 Feb 2015	65	11.50	90.52	6.3	33.36	8.0	25.4	0.52
F27	11 Feb 2015	66	11.47	90.57	6.2	33.36	8.0	25.4	0.50
F27	11 Feb 2015	67	11.46	90.65	6.2	33.37	8.0	25.4	0.50
F27	11 Feb 2015	68	11.43	90.66	6.2	33.37	8.0	25.4	0.49
F27	11 Feb 2015	69	11.38	90.66	6.1	33.37	8.0	25.4	0.47
F27	11 Feb 2015	70	11.24	90.53	5.8	33.39	8.0	25.5	0.42
F27	11 Feb 2015	71	11.14	89.47	5.3	33.41	7.9	25.5	0.33
F27	11 Feb 2015	72	11.10	88.90	5.2	33.45	7.9	25.5	0.31
F27	11 Feb 2015	73	11.07	89.31	5.2	33.45	7.9	25.6	0.29
F27	11 Feb 2015	74	10.98	89.54	5.3	33.49	7.9	25.6	0.27
F27	11 Feb 2015	75	10.93	90.38	5.3	33.52	7.9	25.6	0.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F27	11 Feb 2015	76	10.85	90.49	5.1	33.55	7.9	25.7	0.25
F27	11 Feb 2015	77	10.77	90.56	5.0	33.56	7.9	25.7	0.24
F27	11 Feb 2015	78	10.70	90.64	5.0	33.59	7.9	25.7	0.24
F27	11 Feb 2015	79	10.69	90.62	5.0	33.59	7.9	25.7	0.24
F27	11 Feb 2015	80	10.68	90.68	5.0	33.59	7.9	25.7	0.23
F27	11 Feb 2015	81	10.67	90.70	5.0	33.59	7.9	25.7	0.23
F27	11 Feb 2015	82	10.67	90.69	5.0	33.59	7.9	25.7	0.24
F27	11 Feb 2015	83	10.62	90.70	4.9	33.60	7.9	25.8	0.23
F27	11 Feb 2015	84	10.58	90.72	4.8	33.61	7.9	25.8	0.22
F27	11 Feb 2015	85	10.53	90.75	4.8	33.63	7.9	25.8	0.22
F27	11 Feb 2015	86	10.49	90.77	4.7	33.64	7.8	25.8	0.22
F27	11 Feb 2015	87	10.41	90.73	4.7	33.66	7.8	25.8	0.21
F27	11 Feb 2015	88	10.38	90.53	4.6	33.66	7.8	25.8	0.22
F27	11 Feb 2015	89	10.37	90.39	4.6	33.67	7.8	25.8	0.21
F27	11 Feb 2015	90	10.30	90.19	4.5	33.69	7.8	25.9	0.21
F27	11 Feb 2015	91	10.25	89.96	4.5	33.70	7.8	25.9	0.21
F27	11 Feb 2015	92	10.23	90.01	4.4	33.71	7.8	25.9	0.21
F27	11 Feb 2015	93	10.15	89.60	4.3	33.73	7.8	25.9	0.20
F27	11 Feb 2015	94	10.11	89.41	4.3	33.74	7.8	25.9	0.20
F27	11 Feb 2015	95	10.11	89.44	4.3	33.74	7.8	25.9	0.20
F27	11 Feb 2015	96	10.10	89.51	4.3	33.74	7.8	26.0	0.20
F27	11 Feb 2015	97	10.10	89.59	4.3	33.74	7.8	26.0	0.20
F27	11 Feb 2015	98	10.10	89.62	4.3	33.74	7.8	26.0	0.19
F28	11 Feb 2015	1	17.14	90.45	7.8	33.36	8.2	24.2	0.26
F28	11 Feb 2015	2	17.10	90.36	7.8	33.36	8.2	24.2	0.26
F28	11 Feb 2015	3	17.07	90.27	7.8	33.36	8.2	24.2	0.27
F28	11 Feb 2015	4	17.06	90.27	7.8	33.36	8.2	24.2	0.27
F28	11 Feb 2015	5	17.05	90.25	7.8	33.36	8.2	24.2	0.28
F28	11 Feb 2015	6	17.05	90.27	7.8	33.36	8.2	24.2	0.28
F28	11 Feb 2015	7	17.05	90.26	7.8	33.36	8.2	24.2	0.29
F28	11 Feb 2015	8	17.05	90.25	7.8	33.36	8.2	24.2	0.29
F28	11 Feb 2015	9	17.05	90.24	7.8	33.36	8.2	24.2	0.31
F28	11 Feb 2015	10	17.04	90.24	7.8	33.37	8.2	24.2	0.31
F28	11 Feb 2015	11	17.04	90.23	7.8	33.36	8.2	24.2	0.32
F28	11 Feb 2015	12	17.04	90.22	7.8	33.37	8.2	24.2	0.33
F28	11 Feb 2015	13	17.04	90.23	7.8	33.37	8.2	24.3	0.32
F28	11 Feb 2015	14	17.03	90.22	7.8	33.36	8.2	24.3	0.33
F28	11 Feb 2015	15	17.00	90.24	7.9	33.36	8.2	24.3	0.34
F28	11 Feb 2015	16	16.99	90.24	7.8	33.36	8.2	24.3	0.35
F28	11 Feb 2015	17	16.88	90.28	7.9	33.33	8.2	24.3	0.36
F28	11 Feb 2015	18	16.75	90.24	8.0	33.34	8.2	24.3	0.38
F28	11 Feb 2015	19	16.64	90.21	7.9	33.30	8.2	24.3	0.40
F28	11 Feb 2015	20	16.35	90.30	7.9	33.26	8.2	24.3	0.37
F28	11 Feb 2015	21	16.22	90.41	7.9	33.25	8.2	24.3	0.39
F28	11 Feb 2015	22	16.13	90.38	7.9	33.24	8.2	24.4	0.42
F28	11 Feb 2015	23	16.12	90.31	7.9	33.23	8.2	24.4	0.47
F28	11 Feb 2015	24	15.85	90.21	8.0	33.26	8.2	24.4	0.58
F28	11 Feb 2015	25	15.69	89.97	8.1	33.28	8.2	24.5	0.69
F28	11 Feb 2015	26	15.65	89.74	8.1	33.28	8.2	24.5	0.77
F28	11 Feb 2015	27	15.62	89.66	8.0	33.27	8.2	24.5	0.82
F28	11 Feb 2015	28	15.37	89.61	8.0	33.23	8.2	24.5	1.12
F28	11 Feb 2015	29	15.04	88.77	7.9	33.22	8.2	24.6	1.50
F28	11 Feb 2015	30	14.85	88.14	7.8	33.23	8.2	24.6	1.69
F28	11 Feb 2015	31	14.82	88.32	7.8	33.23	8.2	24.6	1.79
F28	11 Feb 2015	32	14.76	88.50	7.8	33.23	8.2	24.7	1.83
F28	11 Feb 2015	33	14.72	88.40	7.8	33.23	8.2	24.7	1.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F28	11 Feb 2015	34	14.70	88.77	7.7	33.25	8.2	24.7	1.78
F28	11 Feb 2015	35	14.66	88.97	7.6	33.25	8.2	24.7	1.78
F28	11 Feb 2015	36	14.52	89.18	7.6	33.24	8.2	24.7	1.74
F28	11 Feb 2015	37	14.44	89.33	7.6	33.26	8.2	24.7	1.69
F28	11 Feb 2015	38	14.39	89.38	7.5	33.26	8.1	24.8	1.77
F28	11 Feb 2015	39	14.36	89.28	7.5	33.27	8.1	24.8	1.89
F28	11 Feb 2015	40	14.34	89.02	7.5	33.27	8.1	24.8	1.99
F28	11 Feb 2015	41	14.18	88.95	7.5	33.27	8.1	24.8	2.04
F28	11 Feb 2015	42	14.08	89.03	7.4	33.27	8.1	24.8	2.03
F28	11 Feb 2015	43	13.83	89.11	7.3	33.26	8.1	24.9	1.79
F28	11 Feb 2015	44	13.42	89.59	7.3	33.22	8.1	24.9	1.56
F28	11 Feb 2015	45	13.15	89.93	7.2	33.23	8.1	25.0	1.33
F28	11 Feb 2015	46	12.94	90.31	7.1	33.22	8.1	25.0	1.15
F28	11 Feb 2015	47	12.62	90.56	7.2	33.20	8.1	25.1	1.03
F28	11 Feb 2015	48	12.47	90.69	7.2	33.21	8.1	25.1	1.00
F28	11 Feb 2015	49	12.41	90.73	7.2	33.19	8.1	25.1	0.92
F28	11 Feb 2015	50	12.34	90.79	7.2	33.21	8.1	25.1	0.91
F28	11 Feb 2015	51	12.30	90.80	7.1	33.22	8.1	25.2	0.87
F28	11 Feb 2015	52	12.17	90.87	6.9	33.26	8.1	25.2	0.81
F28	11 Feb 2015	53	12.03	90.96	6.8	33.29	8.1	25.3	0.76
F28	11 Feb 2015	54	12.01	90.96	6.8	33.29	8.0	25.3	0.74
F28	11 Feb 2015	55	11.96	90.93	6.7	33.30	8.0	25.3	0.72
F28	11 Feb 2015	56	11.86	90.85	6.6	33.30	8.0	25.3	0.70
F28	11 Feb 2015	57	11.76	90.89	6.6	33.30	8.0	25.3	0.65
F28	11 Feb 2015	58	11.71	90.83	6.5	33.31	8.0	25.3	0.64
F28	11 Feb 2015	59	11.69	90.78	6.5	33.32	8.0	25.3	0.60
F28	11 Feb 2015	60	11.71	90.58	6.3	33.35	8.0	25.4	0.57
F28	11 Feb 2015	61	11.65	90.10	6.2	33.35	8.0	25.4	0.53
F28	11 Feb 2015	62	11.54	90.22	6.2	33.37	8.0	25.4	0.52
F28	11 Feb 2015	63	11.50	90.39	6.2	33.37	8.0	25.4	0.50
F28	11 Feb 2015	64	11.47	90.42	6.2	33.38	8.0	25.4	0.47
F28	11 Feb 2015	65	11.41	90.48	6.1	33.37	8.0	25.4	0.46
F28	11 Feb 2015	66	11.31	90.57	6.1	33.39	8.0	25.5	0.45
F28	11 Feb 2015	67	11.27	90.34	5.9	33.39	8.0	25.5	0.42
F28	11 Feb 2015	68	11.25	89.85	5.8	33.40	8.0	25.5	0.41
F28	11 Feb 2015	69	11.24	89.70	5.8	33.40	8.0	25.5	0.39
F28	11 Feb 2015	70	11.20	89.43	5.6	33.40	7.9	25.5	0.36
F28	11 Feb 2015	71	11.16	88.81	5.4	33.40	7.9	25.5	0.33
F28	11 Feb 2015	72	11.12	88.22	5.2	33.41	7.9	25.5	0.30
F28	11 Feb 2015	73	11.10	88.11	5.2	33.42	7.9	25.5	0.28
F28	11 Feb 2015	74	11.05	88.39	5.2	33.45	7.9	25.6	0.27
F28	11 Feb 2015	75	10.97	88.83	5.2	33.48	7.9	25.6	0.28
F28	11 Feb 2015	76	10.88	89.51	5.2	33.52	7.9	25.6	0.26
F28	11 Feb 2015	77	10.79	90.09	5.1	33.56	7.9	25.7	0.24
F28	11 Feb 2015	78	10.74	90.34	5.0	33.58	7.9	25.7	0.25
F28	11 Feb 2015	79	10.70	90.40	5.0	33.59	7.9	25.7	0.24
F28	11 Feb 2015	80	10.68	90.49	5.0	33.59	7.9	25.7	0.23
F28	11 Feb 2015	81	10.64	90.52	4.9	33.60	7.9	25.8	0.23
F28	11 Feb 2015	82	10.56	90.51	4.8	33.62	7.9	25.8	0.23
F28	11 Feb 2015	83	10.50	90.32	4.7	33.64	7.9	25.8	0.21
F28	11 Feb 2015	84	10.46	90.06	4.7	33.65	7.8	25.8	0.22
F28	11 Feb 2015	85	10.45	89.80	4.7	33.65	7.8	25.8	0.22
F28	11 Feb 2015	86	10.43	89.65	4.7	33.66	7.8	25.8	0.21
F28	11 Feb 2015	87	10.42	89.59	4.7	33.66	7.8	25.8	0.21
F28	11 Feb 2015	88	10.42	89.61	4.6	33.66	7.8	25.8	0.21
F28	11 Feb 2015	89	10.41	89.54	4.6	33.66	7.8	25.8	0.24
F28	11 Feb 2015	90	10.40	89.51	4.6	33.66	7.8	25.8	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F28	11 Feb 2015	91	10.37	89.48	4.6	33.67	7.8	25.9	0.21
F28	11 Feb 2015	92	10.34	89.48	4.6	33.68	7.8	25.9	0.22
F28	11 Feb 2015	93	10.33	89.38	4.5	33.68	7.8	25.9	0.21
F28	11 Feb 2015	94	10.29	89.32	4.5	33.69	7.8	25.9	0.21
F28	11 Feb 2015	95	10.25	89.54	4.5	33.70	7.8	25.9	0.21
F28	11 Feb 2015	96	10.23	89.80	4.5	33.71	7.8	25.9	0.21
F28	11 Feb 2015	97	10.22	89.72	4.5	33.71	7.8	25.9	0.20
F28	11 Feb 2015	98	10.22	89.69	4.4	33.71	7.8	25.9	0.21
F29	11 Feb 2015	1	17.31	89.86	7.8	33.39	8.2	24.2	0.23
F29	11 Feb 2015	2	17.29	90.24	7.8	33.39	8.2	24.2	0.23
F29	11 Feb 2015	3	17.12	90.35	7.8	33.39	8.2	24.2	0.24
F29	11 Feb 2015	4	17.08	90.41	7.8	33.39	8.2	24.3	0.25
F29	11 Feb 2015	5	17.08	90.37	7.8	33.39	8.2	24.3	0.25
F29	11 Feb 2015	6	17.08	90.38	7.8	33.39	8.2	24.3	0.25
F29	11 Feb 2015	7	17.08	90.31	7.8	33.39	8.2	24.3	0.26
F29	11 Feb 2015	8	17.07	90.15	7.8	33.39	8.2	24.3	0.29
F29	11 Feb 2015	9	17.07	90.37	7.8	33.39	8.2	24.3	0.29
F29	11 Feb 2015	10	17.06	90.36	7.8	33.39	8.2	24.3	0.29
F29	11 Feb 2015	11	17.07	90.36	7.8	33.39	8.2	24.3	0.29
F29	11 Feb 2015	12	17.06	90.37	7.8	33.39	8.2	24.3	0.31
F29	11 Feb 2015	13	17.06	90.36	7.8	33.39	8.2	24.3	0.32
F29	11 Feb 2015	14	17.04	90.36	7.8	33.38	8.2	24.3	0.32
F29	11 Feb 2015	15	17.04	90.36	7.8	33.38	8.2	24.3	0.32
F29	11 Feb 2015	16	17.04	90.36	7.8	33.38	8.2	24.3	0.33
F29	11 Feb 2015	17	17.03	90.37	7.8	33.38	8.2	24.3	0.35
F29	11 Feb 2015	18	17.02	90.36	7.8	33.36	8.2	24.3	0.37
F29	11 Feb 2015	19	16.58	90.34	8.1	33.33	8.2	24.3	0.43
F29	11 Feb 2015	20	16.46	90.22	8.2	33.33	8.2	24.4	0.42
F29	11 Feb 2015	21	16.34	90.10	8.2	33.31	8.2	24.4	0.42
F29	11 Feb 2015	22	16.24	89.96	8.2	33.30	8.2	24.4	0.46
F29	11 Feb 2015	23	16.20	89.99	8.1	33.31	8.2	24.4	0.46
F29	11 Feb 2015	24	16.19	90.04	8.1	33.31	8.2	24.4	0.49
F29	11 Feb 2015	25	15.97	90.13	8.0	33.29	8.2	24.4	0.64
F29	11 Feb 2015	26	15.68	90.03	8.0	33.27	8.2	24.5	0.87
F29	11 Feb 2015	27	15.44	89.60	7.9	33.24	8.2	24.5	1.24
F29	11 Feb 2015	28	15.24	88.92	7.8	33.27	8.2	24.6	1.46
F29	11 Feb 2015	29	15.19	88.23	7.7	33.30	8.2	24.6	1.61
F29	11 Feb 2015	30	15.18	88.31	7.7	33.30	8.2	24.6	1.68
F29	11 Feb 2015	31	15.14	88.28	7.7	33.29	8.2	24.6	1.65
F29	11 Feb 2015	32	14.97	88.49	7.7	33.28	8.2	24.7	1.59
F29	11 Feb 2015	33	14.91	88.62	7.6	33.28	8.2	24.7	1.58
F29	11 Feb 2015	34	14.86	88.87	7.6	33.28	8.2	24.7	1.61
F29	11 Feb 2015	35	14.83	88.96	7.6	33.28	8.2	24.7	1.62
F29	11 Feb 2015	36	14.74	89.02	7.6	33.28	8.2	24.7	1.73
F29	11 Feb 2015	37	14.67	89.02	7.5	33.28	8.2	24.7	1.95
F29	11 Feb 2015	38	14.46	88.91	7.5	33.27	8.2	24.8	1.99
F29	11 Feb 2015	39	14.32	88.86	7.4	33.27	8.1	24.8	1.89
F29	11 Feb 2015	40	14.14	89.25	7.4	33.27	8.1	24.8	1.79
F29	11 Feb 2015	41	13.91	89.50	7.4	33.27	8.1	24.9	1.75
F29	11 Feb 2015	42	13.85	89.27	7.4	33.26	8.1	24.9	1.78
F29	11 Feb 2015	43	13.66	89.38	7.3	33.23	8.1	24.9	1.68
F29	11 Feb 2015	44	13.31	89.45	7.2	33.20	8.1	24.9	1.44
F29	11 Feb 2015	45	12.74	89.93	7.3	33.16	8.1	25.0	1.17
F29	11 Feb 2015	46	12.54	90.45	7.3	33.18	8.1	25.1	1.04
F29	11 Feb 2015	47	12.44	90.39	7.2	33.20	8.1	25.1	0.95
F29	11 Feb 2015	48	12.39	90.67	7.1	33.22	8.1	25.1	0.90

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	11 Feb 2015	49	12.35	90.74	7.0	33.23	8.1	25.1	0.87
F29	11 Feb 2015	50	12.30	90.83	7.0	33.23	8.1	25.2	0.84
F29	11 Feb 2015	51	12.25	90.85	7.0	33.24	8.1	25.2	0.83
F29	11 Feb 2015	52	12.17	90.81	6.9	33.26	8.1	25.2	0.81
F29	11 Feb 2015	53	12.13	90.71	6.8	33.27	8.1	25.2	0.78
F29	11 Feb 2015	54	12.09	90.50	6.7	33.29	8.1	25.2	0.76
F29	11 Feb 2015	55	12.01	90.32	6.6	33.29	8.0	25.3	0.73
F29	11 Feb 2015	56	11.91	90.52	6.6	33.30	8.0	25.3	0.69
F29	11 Feb 2015	57	11.82	90.74	6.6	33.31	8.0	25.3	0.68
F29	11 Feb 2015	58	11.77	90.83	6.6	33.31	8.0	25.3	0.66
F29	11 Feb 2015	59	11.68	90.86	6.5	33.31	8.0	25.3	0.62
F29	11 Feb 2015	60	11.60	90.88	6.4	33.32	8.0	25.4	0.58
F29	11 Feb 2015	61	11.55	90.83	6.3	33.34	8.0	25.4	0.54
F29	11 Feb 2015	62	11.52	90.71	6.2	33.36	8.0	25.4	0.51
F29	11 Feb 2015	63	11.48	90.60	6.2	33.37	8.0	25.4	0.48
F29	11 Feb 2015	64	11.42	90.62	6.2	33.38	8.0	25.4	0.47
F29	11 Feb 2015	65	11.42	90.64	6.1	33.38	8.0	25.4	0.46
F29	11 Feb 2015	66	11.37	90.62	6.1	33.39	8.0	25.5	0.44
F29	11 Feb 2015	67	11.27	90.68	6.0	33.39	8.0	25.5	0.42
F29	11 Feb 2015	68	11.17	90.74	6.0	33.40	8.0	25.5	0.40
F29	11 Feb 2015	69	11.08	90.90	6.0	33.41	8.0	25.5	0.39
F29	11 Feb 2015	70	11.06	90.82	5.9	33.42	8.0	25.5	0.38
F29	11 Feb 2015	71	11.05	90.42	5.7	33.42	8.0	25.5	0.36
F29	11 Feb 2015	72	11.05	90.15	5.6	33.43	7.9	25.5	0.33
F29	11 Feb 2015	73	11.00	89.53	5.3	33.43	7.9	25.6	0.32
F29	11 Feb 2015	74	10.92	87.73	5.0	33.43	7.9	25.6	0.27
F29	11 Feb 2015	75	10.89	86.60	4.8	33.44	7.9	25.6	0.27
F29	11 Feb 2015	76	10.90	85.55	4.9	33.45	7.9	25.6	0.26
F29	11 Feb 2015	77	10.95	86.06	5.1	33.49	7.9	25.6	0.25
F29	11 Feb 2015	78	10.94	88.26	5.2	33.51	7.9	25.6	0.25
F29	11 Feb 2015	79	10.92	87.74	5.1	33.51	7.9	25.6	0.25
F29	11 Feb 2015	80	10.85	87.22	5.0	33.54	7.9	25.7	0.26
F29	11 Feb 2015	81	10.74	87.88	5.0	33.58	7.9	25.7	0.25
F29	11 Feb 2015	82	10.71	87.47	4.9	33.59	7.9	25.7	0.24
F29	11 Feb 2015	83	10.71	86.78	4.9	33.59	7.9	25.7	0.24
F29	11 Feb 2015	84	10.70	86.46	4.9	33.59	7.9	25.7	0.24
F29	11 Feb 2015	85	10.69	85.38	4.9	33.59	7.9	25.7	0.23
F29	11 Feb 2015	86	10.65	84.40	4.8	33.60	7.9	25.7	0.23
F29	11 Feb 2015	87	10.62	83.73	4.8	33.61	7.9	25.8	0.23
F29	11 Feb 2015	88	10.60	83.71	4.8	33.61	7.9	25.8	0.22
F29	11 Feb 2015	89	10.56	85.32	4.8	33.62	7.8	25.8	0.23
F29	11 Feb 2015	90	10.55	86.06	4.8	33.63	7.8	25.8	0.23
F29	11 Feb 2015	91	10.54	86.16	4.7	33.63	7.8	25.8	0.22
F29	11 Feb 2015	92	10.54	85.94	4.7	33.63	7.8	25.8	0.23
F29	11 Feb 2015	93	10.53	85.34	4.7	33.63	7.8	25.8	0.22
F29	11 Feb 2015	94	10.52	84.25	4.7	33.64	7.8	25.8	0.22
F29	11 Feb 2015	95	10.50	84.00	4.6	33.64	7.8	25.8	0.23
F29	11 Feb 2015	96	10.48	83.52	4.6	33.65	7.8	25.8	0.23
F29	11 Feb 2015	97	10.42	83.62	4.5	33.66	7.8	25.8	0.23
F29	11 Feb 2015	98	10.35	83.83	4.5	33.68	7.8	25.9	0.36
F30	11 Feb 2015	1	17.06	89.93	7.8	33.38	8.2	24.3	0.27
F30	11 Feb 2015	2	17.06	90.03	7.8	33.38	8.2	24.3	0.27
F30	11 Feb 2015	3	17.05	90.21	7.8	33.38	8.2	24.3	0.28
F30	11 Feb 2015	4	17.04	90.24	7.8	33.38	8.2	24.3	0.27
F30	11 Feb 2015	5	17.02	90.22	7.8	33.38	8.2	24.3	0.28
F30	11 Feb 2015	6	17.02	90.22	7.8	33.38	8.2	24.3	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F30	11 Feb 2015	7	17.02	90.23	7.8	33.38	8.2	24.3	0.30
F30	11 Feb 2015	8	17.01	90.25	7.8	33.38	8.2	24.3	0.30
F30	11 Feb 2015	9	17.01	90.24	7.8	33.38	8.2	24.3	0.31
F30	11 Feb 2015	10	17.00	90.22	7.8	33.38	8.2	24.3	0.31
F30	11 Feb 2015	11	17.00	90.22	7.8	33.38	8.2	24.3	0.33
F30	11 Feb 2015	12	17.00	90.21	7.8	33.38	8.2	24.3	0.33
F30	11 Feb 2015	13	17.00	90.21	7.8	33.38	8.2	24.3	0.35
F30	11 Feb 2015	14	16.99	90.22	7.8	33.38	8.2	24.3	0.36
F30	11 Feb 2015	15	16.99	90.22	7.8	33.38	8.2	24.3	0.36
F30	11 Feb 2015	16	16.99	90.20	7.8	33.38	8.2	24.3	0.37
F30	11 Feb 2015	17	16.99	90.22	7.8	33.38	8.2	24.3	0.38
F30	11 Feb 2015	18	16.99	90.21	7.8	33.38	8.2	24.3	0.39
F30	11 Feb 2015	19	16.96	90.22	7.8	33.37	8.2	24.3	0.41
F30	11 Feb 2015	20	16.63	90.21	8.1	33.33	8.2	24.3	0.46
F30	11 Feb 2015	21	16.35	90.03	8.2	33.31	8.2	24.4	0.49
F30	11 Feb 2015	22	16.25	89.81	8.2	33.31	8.2	24.4	0.53
F30	11 Feb 2015	23	16.13	89.76	8.3	33.30	8.2	24.4	0.59
F30	11 Feb 2015	24	15.98	89.63	8.3	33.30	8.2	24.4	0.65
F30	11 Feb 2015	25	15.92	89.66	8.1	33.30	8.2	24.5	0.76
F30	11 Feb 2015	26	15.77	89.36	8.0	33.30	8.2	24.5	0.99
F30	11 Feb 2015	27	15.69	89.27	7.9	33.30	8.2	24.5	1.47
F30	11 Feb 2015	28	15.47	87.67	7.9	33.31	8.2	24.6	1.86
F30	11 Feb 2015	29	15.49	88.28	7.9	33.31	8.2	24.6	2.09
F30	11 Feb 2015	30	15.38	87.27	7.8	33.30	8.2	24.6	2.34
F30	11 Feb 2015	31	15.35	87.20	7.8	33.30	8.2	24.6	2.48
F30	11 Feb 2015	32	15.19	87.33	7.7	33.28	8.2	24.6	2.72
F30	11 Feb 2015	33	14.89	87.28	7.9	33.28	8.2	24.7	3.20
F30	11 Feb 2015	34	14.85	86.31	8.0	33.28	8.2	24.7	3.50
F30	11 Feb 2015	35	14.83	86.02	8.0	33.28	8.2	24.7	3.74
F30	11 Feb 2015	36	14.77	85.79	7.9	33.28	8.2	24.7	3.86
F30	11 Feb 2015	37	14.56	85.96	7.8	33.26	8.2	24.7	3.81
F30	11 Feb 2015	38	14.34	86.05	7.7	33.26	8.2	24.8	3.55
F30	11 Feb 2015	39	14.26	86.53	7.6	33.26	8.1	24.8	3.27
F30	11 Feb 2015	40	14.20	86.98	7.6	33.27	8.1	24.8	3.02
F30	11 Feb 2015	41	14.12	87.47	7.5	33.27	8.1	24.8	2.70
F30	11 Feb 2015	42	13.99	87.94	7.4	33.26	8.1	24.8	2.32
F30	11 Feb 2015	43	13.84	88.59	7.4	33.27	8.1	24.9	1.95
F30	11 Feb 2015	44	13.71	89.20	7.3	33.27	8.1	24.9	1.74
F30	11 Feb 2015	45	13.61	89.64	7.2	33.26	8.1	24.9	1.61
F30	11 Feb 2015	46	13.29	89.71	7.2	33.19	8.1	24.9	1.39
F30	11 Feb 2015	47	12.76	90.15	7.2	33.19	8.1	25.0	1.16
F30	11 Feb 2015	48	12.53	90.48	7.2	33.20	8.1	25.1	1.02
F30	11 Feb 2015	49	12.39	90.63	7.1	33.21	8.1	25.1	0.94
F30	11 Feb 2015	50	12.36	90.70	7.1	33.23	8.1	25.1	0.90
F30	11 Feb 2015	51	12.27	90.67	6.9	33.24	8.1	25.2	0.83
F30	11 Feb 2015	52	12.08	90.66	6.8	33.28	8.1	25.2	0.76
F30	11 Feb 2015	53	12.01	90.47	6.7	33.30	8.0	25.3	0.74
F30	11 Feb 2015	54	11.99	90.35	6.6	33.30	8.0	25.3	0.70
F30	11 Feb 2015	55	11.91	90.01	6.5	33.32	8.0	25.3	0.66
F30	11 Feb 2015	56	11.87	89.76	6.5	33.33	8.0	25.3	0.64
F30	11 Feb 2015	57	11.84	89.77	6.5	33.33	8.0	25.3	0.63
F30	11 Feb 2015	58	11.68	89.93	6.3	33.33	8.0	25.4	0.56
F30	11 Feb 2015	59	11.53	90.39	6.2	33.37	8.0	25.4	0.48
F30	11 Feb 2015	60	11.51	90.41	6.0	33.38	8.0	25.4	0.46
F30	11 Feb 2015	61	11.47	90.40	6.0	33.39	8.0	25.4	0.44
F30	11 Feb 2015	62	11.43	90.44	6.0	33.39	8.0	25.4	0.42
F30	11 Feb 2015	63	11.34	90.57	6.0	33.39	8.0	25.5	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F30	11 Feb 2015	64	11.29	90.72	6.0	33.40	8.0	25.5	0.40
F30	11 Feb 2015	65	11.23	90.75	6.0	33.41	8.0	25.5	0.38
F30	11 Feb 2015	66	11.10	90.67	5.9	33.42	8.0	25.5	0.36
F30	11 Feb 2015	67	11.00	90.39	5.7	33.43	7.9	25.6	0.32
F30	11 Feb 2015	68	10.93	88.85	5.5	33.46	7.9	25.6	0.32
F30	11 Feb 2015	69	10.92	88.86	5.5	33.47	7.9	25.6	0.31
F30	11 Feb 2015	70	10.89	89.25	5.5	33.49	7.9	25.6	0.30
F30	11 Feb 2015	71	10.88	89.93	5.4	33.50	7.9	25.6	0.30
F30	11 Feb 2015	72	10.86	90.01	5.4	33.50	7.9	25.6	0.29
F30	11 Feb 2015	73	10.84	89.69	5.4	33.50	7.9	25.6	0.28
F30	11 Feb 2015	74	10.84	89.59	5.3	33.50	7.9	25.6	0.28
F30	11 Feb 2015	75	10.83	89.23	5.3	33.50	7.9	25.6	0.28
F30	11 Feb 2015	76	10.82	89.03	5.3	33.50	7.9	25.6	0.29
F30	11 Feb 2015	77	10.83	89.04	5.3	33.51	7.9	25.6	0.28
F30	11 Feb 2015	78	10.82	89.31	5.3	33.51	7.9	25.6	0.27
F30	11 Feb 2015	79	10.81	89.22	5.2	33.51	7.9	25.6	0.27
F30	11 Feb 2015	80	10.80	88.65	5.1	33.50	7.9	25.6	0.26
F30	11 Feb 2015	81	10.79	88.15	5.0	33.50	7.9	25.6	0.26
F30	11 Feb 2015	82	10.73	87.46	4.9	33.51	7.9	25.7	0.25
F30	11 Feb 2015	83	10.72	86.36	4.8	33.52	7.9	25.7	0.25
F30	11 Feb 2015	84	10.72	86.04	4.8	33.52	7.8	25.7	0.24
F30	11 Feb 2015	85	10.71	85.96	4.8	33.52	7.8	25.7	0.22
F30	11 Feb 2015	86	10.70	85.80	4.8	33.53	7.8	25.7	0.24
F30	11 Feb 2015	87	10.69	85.46	4.8	33.53	7.8	25.7	0.25
F30	11 Feb 2015	88	10.70	85.38	4.8	33.53	7.8	25.7	0.24
F30	11 Feb 2015	89	10.70	85.57	4.8	33.53	7.8	25.7	0.24
F30	11 Feb 2015	90	10.69	85.53	4.8	33.53	7.8	25.7	0.24
F30	11 Feb 2015	91	10.69	85.28	4.8	33.53	7.8	25.7	0.24
F30	11 Feb 2015	92	10.69	85.17	4.8	33.53	7.8	25.7	0.23
F30	11 Feb 2015	93	10.62	85.03	4.7	33.52	7.8	25.7	0.23
F30	11 Feb 2015	94	10.57	84.69	4.7	33.54	7.8	25.7	0.23
F30	11 Feb 2015	95	10.46	85.65	4.6	33.62	7.8	25.8	0.23
F30	11 Feb 2015	96	10.42	87.06	4.6	33.65	7.8	25.8	0.22
F31	11 Feb 2015	1	17.04	89.78	7.8	33.38	8.2	24.3	0.25
F31	11 Feb 2015	2	16.98	89.99	7.9	33.38	8.2	24.3	0.25
F31	11 Feb 2015	3	16.96	90.18	7.8	33.38	8.2	24.3	0.26
F31	11 Feb 2015	4	16.96	90.20	7.8	33.38	8.2	24.3	0.27
F31	11 Feb 2015	5	16.95	90.21	7.8	33.38	8.2	24.3	0.27
F31	11 Feb 2015	6	16.95	90.21	7.8	33.38	8.2	24.3	0.28
F31	11 Feb 2015	7	16.95	90.18	7.8	33.38	8.2	24.3	0.29
F31	11 Feb 2015	8	16.95	90.21	7.8	33.38	8.2	24.3	0.30
F31	11 Feb 2015	9	16.94	90.21	7.9	33.38	8.2	24.3	0.32
F31	11 Feb 2015	10	16.94	90.20	7.8	33.38	8.2	24.3	0.32
F31	11 Feb 2015	11	16.94	90.20	7.8	33.38	8.2	24.3	0.32
F31	11 Feb 2015	12	16.94	90.21	7.8	33.38	8.2	24.3	0.35
F31	11 Feb 2015	13	16.94	90.19	7.9	33.38	8.2	24.3	0.33
F31	11 Feb 2015	14	16.93	90.19	7.9	33.38	8.2	24.3	0.36
F31	11 Feb 2015	15	16.93	90.18	7.8	33.38	8.2	24.3	0.37
F31	11 Feb 2015	16	16.93	90.17	7.8	33.38	8.2	24.3	0.36
F31	11 Feb 2015	17	16.93	90.17	7.8	33.38	8.2	24.3	0.39
F31	11 Feb 2015	18	16.89	90.18	7.9	33.37	8.2	24.3	0.41
F31	11 Feb 2015	19	16.76	90.19	8.0	33.34	8.2	24.3	0.44
F31	11 Feb 2015	20	16.50	90.17	8.1	33.32	8.2	24.3	0.46
F31	11 Feb 2015	21	16.31	89.97	8.2	33.31	8.2	24.4	0.51
F31	11 Feb 2015	22	16.22	89.83	8.2	33.30	8.2	24.4	0.60
F31	11 Feb 2015	23	16.03	89.72	8.2	33.30	8.2	24.4	0.63

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	11 Feb 2015	24	15.98	89.75	8.2	33.31	8.2	24.5	0.68
F31	11 Feb 2015	25	15.87	89.60	8.2	33.30	8.2	24.5	0.75
F31	11 Feb 2015	26	15.80	89.48	8.1	33.30	8.2	24.5	0.83
F31	11 Feb 2015	27	15.70	89.48	8.1	33.30	8.2	24.5	1.14
F31	11 Feb 2015	28	15.62	89.17	8.0	33.30	8.2	24.5	1.67
F31	11 Feb 2015	29	15.53	88.19	7.9	33.30	8.2	24.5	2.18
F31	11 Feb 2015	30	15.37	87.29	7.8	33.29	8.2	24.6	2.42
F31	11 Feb 2015	31	15.12	87.18	7.8	33.28	8.2	24.6	2.58
F31	11 Feb 2015	32	14.91	87.42	7.9	33.28	8.2	24.7	3.00
F31	11 Feb 2015	33	14.87	86.83	7.9	33.28	8.2	24.7	3.20
F31	11 Feb 2015	34	14.86	86.65	7.9	33.28	8.2	24.7	3.26
F31	11 Feb 2015	35	14.81	86.66	7.9	33.28	8.2	24.7	3.27
F31	11 Feb 2015	36	14.75	86.74	7.8	33.28	8.2	24.7	3.36
F31	11 Feb 2015	37	14.71	86.73	7.7	33.28	8.2	24.7	3.38
F31	11 Feb 2015	38	14.56	86.72	7.7	33.26	8.2	24.7	3.31
F31	11 Feb 2015	39	14.39	86.90	7.7	33.27	8.2	24.8	3.16
F31	11 Feb 2015	40	14.34	87.09	7.7	33.27	8.1	24.8	3.14
F31	11 Feb 2015	41	14.21	87.02	7.5	33.24	8.1	24.8	2.85
F31	11 Feb 2015	42	13.95	87.77	7.5	33.24	8.1	24.8	2.59
F31	11 Feb 2015	43	13.83	88.00	7.5	33.24	8.1	24.9	2.44
F31	11 Feb 2015	44	13.72	87.86	7.4	33.23	8.1	24.9	2.18
F31	11 Feb 2015	45	13.61	88.66	7.4	33.25	8.1	24.9	1.96
F31	11 Feb 2015	46	13.60	89.00	7.3	33.26	8.1	24.9	1.78
F31	11 Feb 2015	47	13.55	89.37	7.2	33.24	8.1	24.9	1.60
F31	11 Feb 2015	48	13.24	89.79	7.2	33.20	8.1	24.9	1.38
F31	11 Feb 2015	49	12.81	89.99	7.2	33.21	8.1	25.0	1.19
F31	11 Feb 2015	50	12.56	90.22	7.2	33.20	8.1	25.1	1.06
F31	11 Feb 2015	51	12.41	90.57	7.1	33.22	8.1	25.1	0.96
F31	11 Feb 2015	52	12.34	90.60	7.0	33.23	8.1	25.1	0.90
F31	11 Feb 2015	53	12.27	90.68	6.9	33.24	8.1	25.2	0.84
F31	11 Feb 2015	54	12.05	90.68	6.7	33.27	8.1	25.2	0.76
F31	11 Feb 2015	55	11.89	90.58	6.5	33.31	8.0	25.3	0.71
F31	11 Feb 2015	56	11.84	90.10	6.5	33.32	8.0	25.3	0.67
F31	11 Feb 2015	57	11.82	89.85	6.4	33.33	8.0	25.3	0.65
F31	11 Feb 2015	58	11.78	89.37	6.4	33.34	8.0	25.3	0.61
F31	11 Feb 2015	59	11.69	89.29	6.3	33.35	8.0	25.4	0.57
F31	11 Feb 2015	60	11.59	89.57	6.2	33.35	8.0	25.4	0.51
F31	11 Feb 2015	61	11.47	89.82	6.1	33.38	8.0	25.4	0.48
F31	11 Feb 2015	62	11.43	90.13	6.0	33.39	8.0	25.4	0.45
F31	11 Feb 2015	63	11.40	90.25	6.0	33.40	8.0	25.5	0.43
F31	11 Feb 2015	64	11.36	90.17	6.0	33.41	8.0	25.5	0.43
F31	11 Feb 2015	65	11.31	90.32	5.9	33.41	8.0	25.5	0.39
F31	11 Feb 2015	66	11.27	90.34	5.9	33.42	8.0	25.5	0.38
F31	11 Feb 2015	67	11.21	90.44	5.9	33.42	8.0	25.5	0.38
F31	11 Feb 2015	68	11.17	90.58	5.9	33.42	8.0	25.5	0.37
F31	11 Feb 2015	69	11.09	90.53	5.9	33.44	8.0	25.5	0.37
F31	11 Feb 2015	70	11.06	90.32	5.8	33.44	8.0	25.6	0.35
F31	11 Feb 2015	71	11.04	90.23	5.8	33.44	7.9	25.6	0.34
F31	11 Feb 2015	72	10.96	90.08	5.7	33.46	7.9	25.6	0.33
F31	11 Feb 2015	73	10.94	90.00	5.6	33.48	7.9	25.6	0.31
F31	11 Feb 2015	74	10.94	89.37	5.4	33.49	7.9	25.6	0.29
F31	11 Feb 2015	75	10.75	89.15	5.4	33.51	7.9	25.7	0.28
F31	11 Feb 2015	76	10.67	90.11	5.3	33.53	7.9	25.7	0.27
F31	11 Feb 2015	77	10.62	90.51	5.2	33.55	7.9	25.7	0.26
F31	11 Feb 2015	78	10.58	90.79	5.1	33.57	7.9	25.7	0.25
F31	11 Feb 2015	79	10.61	90.72	5.0	33.59	7.9	25.7	0.24
F31	11 Feb 2015	80	10.60	90.17	4.9	33.59	7.9	25.7	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	11 Feb 2015	81	10.57	90.11	4.9	33.60	7.9	25.8	0.24
F31	11 Feb 2015	82	10.57	89.98	4.9	33.61	7.9	25.8	0.23
F31	11 Feb 2015	83	10.57	89.17	4.8	33.61	7.9	25.8	0.23
F31	11 Feb 2015	84	10.56	88.90	4.8	33.62	7.9	25.8	0.23
F31	11 Feb 2015	85	10.55	88.89	4.8	33.62	7.9	25.8	0.22
F31	11 Feb 2015	86	10.53	88.90	4.7	33.63	7.8	25.8	0.22
F31	11 Feb 2015	87	10.52	88.93	4.7	33.63	7.8	25.8	0.21
F31	11 Feb 2015	88	10.51	88.88	4.8	33.63	7.8	25.8	0.22
F31	11 Feb 2015	89	10.49	88.78	4.7	33.64	7.8	25.8	0.21
F31	11 Feb 2015	90	10.48	88.47	4.7	33.64	7.8	25.8	0.21
F31	11 Feb 2015	91	10.48	88.18	4.7	33.64	7.8	25.8	0.21
F31	11 Feb 2015	92	10.47	88.19	4.7	33.64	7.8	25.8	0.23
F31	11 Feb 2015	93	10.47	88.21	4.7	33.64	7.8	25.8	0.21
F31	11 Feb 2015	94	10.47	87.94	4.7	33.64	7.8	25.8	0.22
F31	11 Feb 2015	95	10.46	87.84	4.6	33.65	7.8	25.8	0.22
F31	11 Feb 2015	96	10.39	87.35	4.6	33.66	7.8	25.8	0.23
F31	11 Feb 2015	97	10.33	86.95	4.5	33.68	7.8	25.9	0.21
F31	11 Feb 2015	98	10.33	86.85	4.5	33.69	7.8	25.9	0.22
F32	11 Feb 2015	1	17.07	90.04	7.8	33.38	8.2	24.3	0.29
F32	11 Feb 2015	2	17.06	90.20	7.8	33.38	8.2	24.3	0.30
F32	11 Feb 2015	3	17.03	90.29	7.8	33.38	8.2	24.3	0.30
F32	11 Feb 2015	4	17.02	90.32	7.8	33.38	8.2	24.3	0.32
F32	11 Feb 2015	5	17.02	90.37	7.8	33.38	8.2	24.3	0.32
F32	11 Feb 2015	6	17.01	90.36	7.8	33.38	8.2	24.3	0.31
F32	11 Feb 2015	7	17.01	90.35	7.8	33.38	8.2	24.3	0.33
F32	11 Feb 2015	8	17.01	90.34	7.8	33.38	8.2	24.3	0.34
F32	11 Feb 2015	9	17.00	90.32	7.8	33.38	8.2	24.3	0.34
F32	11 Feb 2015	10	16.99	90.28	7.8	33.38	8.2	24.3	0.34
F32	11 Feb 2015	11	16.99	90.14	7.8	33.38	8.2	24.3	0.36
F32	11 Feb 2015	12	16.98	90.29	7.8	33.38	8.2	24.3	0.36
F32	11 Feb 2015	13	16.98	90.28	7.8	33.38	8.2	24.3	0.36
F32	11 Feb 2015	14	16.97	90.27	7.8	33.38	8.2	24.3	0.36
F32	11 Feb 2015	15	16.96	90.28	7.8	33.38	8.2	24.3	0.37
F32	11 Feb 2015	16	16.95	90.29	7.9	33.38	8.2	24.3	0.37
F32	11 Feb 2015	17	16.89	90.27	7.9	33.36	8.2	24.3	0.41
F32	11 Feb 2015	18	16.74	90.23	8.0	33.33	8.2	24.3	0.42
F32	11 Feb 2015	19	16.50	90.13	8.1	33.32	8.2	24.3	0.46
F32	11 Feb 2015	20	16.39	89.96	8.2	33.32	8.2	24.4	0.48
F32	11 Feb 2015	21	16.32	89.93	8.2	33.31	8.2	24.4	0.51
F32	11 Feb 2015	22	16.24	89.81	8.2	33.31	8.2	24.4	0.57
F32	11 Feb 2015	23	16.01	89.83	8.2	33.30	8.2	24.4	0.65
F32	11 Feb 2015	24	15.90	89.60	8.2	33.31	8.2	24.5	0.73
F32	11 Feb 2015	25	15.84	89.46	8.1	33.30	8.2	24.5	0.75
F32	11 Feb 2015	26	15.75	89.50	8.1	33.30	8.2	24.5	0.84
F32	11 Feb 2015	27	15.67	89.48	8.0	33.30	8.2	24.5	1.09
F32	11 Feb 2015	28	15.56	89.48	7.9	33.30	8.2	24.5	1.56
F32	11 Feb 2015	29	15.44	88.59	7.9	33.30	8.2	24.6	2.11
F32	11 Feb 2015	30	15.42	87.90	7.9	33.30	8.2	24.6	2.24
F32	11 Feb 2015	31	15.35	87.89	7.7	33.29	8.2	24.6	2.20
F32	11 Feb 2015	32	15.10	87.92	7.6	33.28	8.2	24.6	2.22
F32	11 Feb 2015	33	14.89	88.14	7.6	33.29	8.2	24.7	2.30
F32	11 Feb 2015	34	14.75	88.04	7.7	33.29	8.2	24.7	2.44
F32	11 Feb 2015	35	14.69	87.99	7.8	33.28	8.2	24.7	2.70
F32	11 Feb 2015	36	14.65	87.70	7.8	33.28	8.2	24.7	2.96
F32	11 Feb 2015	37	14.59	87.26	7.8	33.28	8.2	24.7	3.09
F32	11 Feb 2015	38	14.50	87.20	7.8	33.28	8.2	24.8	3.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F32	11 Feb 2015	39	14.44	87.10	7.7	33.27	8.2	24.8	3.15
F32	11 Feb 2015	40	14.27	87.20	7.7	33.26	8.1	24.8	2.96
F32	11 Feb 2015	41	14.18	87.40	7.6	33.26	8.1	24.8	2.79
F32	11 Feb 2015	42	13.99	87.97	7.5	33.25	8.1	24.8	2.41
F32	11 Feb 2015	43	13.83	88.65	7.4	33.26	8.1	24.9	2.12
F32	11 Feb 2015	44	13.70	88.89	7.3	33.24	8.1	24.9	1.96
F32	11 Feb 2015	45	13.49	89.24	7.3	33.23	8.1	24.9	1.73
F32	11 Feb 2015	46	13.30	89.45	7.3	33.22	8.1	25.0	1.59
F32	11 Feb 2015	47	13.14	89.73	7.3	33.20	8.1	25.0	1.46
F32	11 Feb 2015	48	12.96	89.99	7.2	33.18	8.1	25.0	1.25
F32	11 Feb 2015	49	12.63	90.37	7.2	33.19	8.1	25.1	1.08
F32	11 Feb 2015	50	12.44	90.58	7.1	33.22	8.1	25.1	0.98
F32	11 Feb 2015	51	12.36	90.52	7.1	33.22	8.1	25.1	0.93
F32	11 Feb 2015	52	12.28	90.68	7.0	33.24	8.1	25.2	0.86
F32	11 Feb 2015	53	12.14	90.67	6.8	33.26	8.1	25.2	0.79
F32	11 Feb 2015	54	12.01	90.67	6.7	33.27	8.0	25.2	0.72
F32	11 Feb 2015	55	11.86	90.65	6.6	33.30	8.0	25.3	0.67
F32	11 Feb 2015	56	11.78	90.32	6.5	33.33	8.0	25.3	0.65
F32	11 Feb 2015	57	11.71	89.51	6.4	33.34	8.0	25.4	0.61
F32	11 Feb 2015	58	11.69	89.18	6.3	33.35	8.0	25.4	0.59
F32	11 Feb 2015	59	11.68	89.01	6.3	33.35	8.0	25.4	0.58
F32	11 Feb 2015	60	11.63	89.01	6.2	33.36	8.0	25.4	0.52
F32	11 Feb 2015	61	11.42	89.26	6.0	33.38	8.0	25.4	0.46
F32	11 Feb 2015	62	11.34	89.94	6.0	33.41	8.0	25.5	0.43
F32	11 Feb 2015	63	11.33	90.19	6.0	33.41	8.0	25.5	0.41
F32	11 Feb 2015	64	11.30	90.33	5.9	33.42	8.0	25.5	0.40
F32	11 Feb 2015	65	11.22	90.44	5.9	33.43	8.0	25.5	0.37
F32	11 Feb 2015	66	11.19	90.33	5.8	33.44	8.0	25.5	0.36
F32	11 Feb 2015	67	11.16	90.33	5.8	33.44	7.9	25.5	0.36
F32	11 Feb 2015	68	11.13	90.09	5.8	33.44	7.9	25.5	0.34
F32	11 Feb 2015	69	11.10	89.94	5.8	33.45	7.9	25.5	0.35
F32	11 Feb 2015	70	11.08	89.82	5.7	33.45	7.9	25.6	0.33
F32	11 Feb 2015	71	11.04	89.50	5.6	33.46	7.9	25.6	0.32
F32	11 Feb 2015	72	10.98	89.06	5.5	33.48	7.9	25.6	0.31
F32	11 Feb 2015	73	10.95	88.70	5.4	33.50	7.9	25.6	0.30
F32	11 Feb 2015	74	10.92	88.62	5.2	33.51	7.9	25.6	0.29
F32	11 Feb 2015	75	10.86	88.84	5.2	33.52	7.9	25.7	0.27
F32	11 Feb 2015	76	10.79	89.43	5.1	33.54	7.9	25.7	0.26
F32	11 Feb 2015	77	10.75	90.04	5.0	33.56	7.9	25.7	0.26
F32	11 Feb 2015	78	10.71	90.24	5.0	33.56	7.9	25.7	0.25
F32	11 Feb 2015	79	10.66	90.37	5.1	33.56	7.9	25.7	0.24
F32	11 Feb 2015	80	10.56	90.51	5.2	33.56	7.9	25.7	0.25
F32	11 Feb 2015	81	10.50	90.68	5.2	33.58	7.9	25.8	0.24
F32	11 Feb 2015	82	10.50	90.87	5.1	33.59	7.9	25.8	0.23
F32	11 Feb 2015	83	10.51	90.80	5.0	33.59	7.9	25.8	0.24
F32	11 Feb 2015	84	10.54	90.56	4.9	33.61	7.9	25.8	0.23
F32	11 Feb 2015	85	10.54	90.25	4.8	33.61	7.9	25.8	0.22
F32	11 Feb 2015	86	10.49	90.11	4.8	33.62	7.8	25.8	0.22
F32	11 Feb 2015	87	10.44	90.54	4.8	33.63	7.8	25.8	0.22
F32	11 Feb 2015	88	10.42	90.53	4.7	33.65	7.8	25.8	0.22
F32	11 Feb 2015	89	10.42	90.32	4.7	33.65	7.8	25.8	0.21
F32	11 Feb 2015	90	10.42	90.31	4.7	33.65	7.8	25.8	0.21
F32	11 Feb 2015	91	10.40	90.29	4.7	33.66	7.8	25.8	0.21
F32	11 Feb 2015	92	10.40	90.23	4.7	33.66	7.8	25.8	0.20
F32	11 Feb 2015	93	10.40	89.57	4.7	33.66	7.8	25.8	0.22
F32	11 Feb 2015	94	10.40	89.51	4.7	33.66	7.8	25.8	0.21
F32	11 Feb 2015	95	10.39	89.46	4.7	33.66	7.8	25.8	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F32	11 Feb 2015	96	10.39	89.31	4.6	33.66	7.8	25.8	0.22
F32	11 Feb 2015	97	10.37	88.83	4.6	33.67	7.8	25.8	0.22
F32	11 Feb 2015	98	10.31	87.85	4.5	33.68	7.8	25.9	0.22
F32	11 Feb 2015	99	10.30	87.56	4.5	33.69	7.8	25.9	0.23
F33	11 Feb 2015	1	17.05	88.23	7.8	33.38	8.2	24.3	0.29
F33	11 Feb 2015	2	17.04	90.06	7.8	33.38	8.2	24.3	0.29
F33	11 Feb 2015	3	17.02	90.31	7.8	33.38	8.2	24.3	0.30
F33	11 Feb 2015	4	17.02	90.26	7.8	33.38	8.2	24.3	0.30
F33	11 Feb 2015	5	17.02	90.33	7.8	33.38	8.2	24.3	0.31
F33	11 Feb 2015	6	17.01	90.36	7.8	33.38	8.2	24.3	0.31
F33	11 Feb 2015	7	17.01	90.35	7.8	33.38	8.2	24.3	0.31
F33	11 Feb 2015	8	17.01	90.34	7.8	33.38	8.2	24.3	0.29
F33	11 Feb 2015	9	17.01	90.38	7.8	33.38	8.2	24.3	0.33
F33	11 Feb 2015	10	17.01	90.37	7.8	33.38	8.2	24.3	0.32
F33	11 Feb 2015	11	17.01	90.37	7.8	33.38	8.2	24.3	0.32
F33	11 Feb 2015	12	17.01	90.37	7.8	33.38	8.2	24.3	0.33
F33	11 Feb 2015	13	17.01	90.38	7.8	33.38	8.2	24.3	0.33
F33	11 Feb 2015	14	17.01	90.40	7.8	33.38	8.2	24.3	0.35
F33	11 Feb 2015	15	17.01	90.38	7.8	33.38	8.2	24.3	0.35
F33	11 Feb 2015	16	17.01	90.42	7.8	33.38	8.2	24.3	0.36
F33	11 Feb 2015	17	16.94	90.37	7.9	33.35	8.2	24.3	0.40
F33	11 Feb 2015	18	16.51	90.21	8.1	33.32	8.2	24.3	0.43
F33	11 Feb 2015	19	16.39	90.08	8.2	33.32	8.2	24.4	0.48
F33	11 Feb 2015	20	16.30	89.94	8.2	33.31	8.2	24.4	0.49
F33	11 Feb 2015	21	16.24	89.89	8.2	33.31	8.2	24.4	0.55
F33	11 Feb 2015	22	16.10	89.92	8.2	33.30	8.2	24.4	0.65
F33	11 Feb 2015	23	15.94	89.65	8.2	33.30	8.2	24.5	0.74
F33	11 Feb 2015	24	15.86	89.41	8.1	33.30	8.2	24.5	0.80
F33	11 Feb 2015	25	15.81	89.41	8.1	33.30	8.2	24.5	0.84
F33	11 Feb 2015	26	15.75	89.49	8.0	33.30	8.2	24.5	1.04
F33	11 Feb 2015	27	15.61	89.35	7.9	33.29	8.2	24.5	1.63
F33	11 Feb 2015	28	15.36	88.03	7.8	33.29	8.2	24.6	1.95
F33	11 Feb 2015	29	15.24	88.00	7.7	33.30	8.2	24.6	2.03
F33	11 Feb 2015	30	15.17	88.05	7.7	33.29	8.2	24.6	1.98
F33	11 Feb 2015	31	14.96	88.38	7.6	33.28	8.2	24.7	1.94
F33	11 Feb 2015	32	14.80	88.56	7.5	33.29	8.2	24.7	1.94
F33	11 Feb 2015	33	14.73	88.68	7.5	33.29	8.1	24.7	1.97
F33	11 Feb 2015	34	14.69	88.63	7.5	33.28	8.1	24.7	2.04
F33	11 Feb 2015	35	14.51	88.61	7.6	33.27	8.1	24.7	2.24
F33	11 Feb 2015	36	14.39	88.16	7.7	33.28	8.1	24.8	2.44
F33	11 Feb 2015	37	14.30	88.06	7.7	33.27	8.1	24.8	2.54
F33	11 Feb 2015	38	14.19	88.03	7.6	33.26	8.1	24.8	2.50
F33	11 Feb 2015	39	14.07	88.24	7.5	33.26	8.1	24.8	2.35
F33	11 Feb 2015	40	13.93	88.59	7.4	33.26	8.1	24.9	2.10
F33	11 Feb 2015	41	13.74	89.01	7.4	33.26	8.1	24.9	1.90
F33	11 Feb 2015	42	13.63	89.31	7.3	33.25	8.1	24.9	1.73
F33	11 Feb 2015	43	13.49	89.62	7.3	33.26	8.1	24.9	1.56
F33	11 Feb 2015	44	13.41	89.81	7.2	33.26	8.1	25.0	1.46
F33	11 Feb 2015	45	13.34	89.98	7.2	33.25	8.1	25.0	1.37
F33	11 Feb 2015	46	13.14	90.12	7.3	33.21	8.1	25.0	1.27
F33	11 Feb 2015	47	12.92	90.18	7.3	33.20	8.1	25.0	1.19
F33	11 Feb 2015	48	12.83	90.37	7.2	33.22	8.1	25.0	1.08
F33	11 Feb 2015	49	12.74	90.49	7.1	33.23	8.1	25.1	0.98
F33	11 Feb 2015	50	12.56	90.61	7.1	33.23	8.1	25.1	0.93
F33	11 Feb 2015	51	12.42	90.75	7.1	33.21	8.1	25.1	0.89
F33	11 Feb 2015	52	12.27	90.79	7.0	33.22	8.1	25.2	0.85

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F33	11 Feb 2015	53	12.17	90.72	6.8	33.25	8.1	25.2	0.76
F33	11 Feb 2015	54	11.96	90.57	6.7	33.27	8.0	25.3	0.72
F33	11 Feb 2015	55	11.84	90.45	6.6	33.30	8.0	25.3	0.68
F33	11 Feb 2015	56	11.76	90.50	6.5	33.31	8.0	25.3	0.63
F33	11 Feb 2015	57	11.62	90.51	6.4	33.33	8.0	25.4	0.58
F33	11 Feb 2015	58	11.52	90.34	6.3	33.35	8.0	25.4	0.53
F33	11 Feb 2015	59	11.48	89.66	6.2	33.37	8.0	25.4	0.50
F33	11 Feb 2015	60	11.46	89.23	6.1	33.38	8.0	25.4	0.49
F33	11 Feb 2015	61	11.39	89.00	6.0	33.39	8.0	25.5	0.45
F33	11 Feb 2015	62	11.29	89.14	5.9	33.42	8.0	25.5	0.41
F33	11 Feb 2015	63	11.24	89.78	5.9	33.43	8.0	25.5	0.40
F33	11 Feb 2015	64	11.23	90.04	5.9	33.43	8.0	25.5	0.40
F33	11 Feb 2015	65	11.21	90.18	5.9	33.43	8.0	25.5	0.37
F33	11 Feb 2015	66	11.11	90.21	5.8	33.45	7.9	25.5	0.36
F33	11 Feb 2015	67	11.06	90.05	5.8	33.45	7.9	25.6	0.34
F33	11 Feb 2015	68	11.02	89.73	5.7	33.46	7.9	25.6	0.33
F33	11 Feb 2015	69	10.99	89.27	5.7	33.46	7.9	25.6	0.32
F33	11 Feb 2015	70	10.97	89.11	5.7	33.47	7.9	25.6	0.31
F33	11 Feb 2015	71	10.97	88.85	5.6	33.48	7.9	25.6	0.29
F33	11 Feb 2015	72	10.96	88.06	5.5	33.49	7.9	25.6	0.30
F33	11 Feb 2015	73	10.94	88.17	5.4	33.49	7.9	25.6	0.29
F33	11 Feb 2015	74	10.92	88.03	5.3	33.51	7.9	25.6	0.28
F33	11 Feb 2015	75	10.92	87.81	5.2	33.52	7.9	25.6	0.28
F33	11 Feb 2015	76	10.88	88.11	5.1	33.53	7.9	25.7	0.26
F33	11 Feb 2015	77	10.82	88.85	5.1	33.55	7.9	25.7	0.25
F33	11 Feb 2015	78	10.81	89.13	5.0	33.55	7.9	25.7	0.26
F33	11 Feb 2015	79	10.75	89.83	5.0	33.56	7.9	25.7	0.25
F33	11 Feb 2015	80	10.69	90.10	5.0	33.58	7.9	25.7	0.24
F33	11 Feb 2015	81	10.68	90.24	5.0	33.58	7.9	25.7	0.24
F33	11 Feb 2015	82	10.66	90.21	5.0	33.58	7.9	25.7	0.23
F33	11 Feb 2015	83	10.61	90.19	4.9	33.60	7.9	25.8	0.23
F33	11 Feb 2015	84	10.58	90.26	4.9	33.60	7.9	25.8	0.22
F33	11 Feb 2015	85	10.55	90.35	4.9	33.61	7.9	25.8	0.24
F33	11 Feb 2015	86	10.51	90.54	4.9	33.62	7.8	25.8	0.22
F33	11 Feb 2015	87	10.46	90.65	4.8	33.62	7.8	25.8	0.23
F33	11 Feb 2015	88	10.42	90.72	4.8	33.64	7.8	25.8	0.21
F33	11 Feb 2015	89	10.41	90.68	4.8	33.65	7.8	25.8	0.22
F33	11 Feb 2015	90	10.41	90.60	4.7	33.65	7.8	25.8	0.21
F33	11 Feb 2015	91	10.40	90.50	4.7	33.65	7.8	25.8	0.21
F33	11 Feb 2015	92	10.40	90.40	4.7	33.66	7.8	25.8	0.21
F33	11 Feb 2015	93	10.39	90.28	4.7	33.66	7.8	25.8	0.22
F33	11 Feb 2015	94	10.38	90.10	4.6	33.66	7.8	25.8	0.23
F33	11 Feb 2015	95	10.37	89.98	4.6	33.66	7.8	25.8	0.22
F33	11 Feb 2015	96	10.36	89.94	4.6	33.67	7.8	25.9	0.21
F33	11 Feb 2015	97	10.36	89.87	4.6	33.67	7.8	25.9	0.22
F33	11 Feb 2015	98	10.34	89.66	4.6	33.67	7.8	25.9	0.22
F33	11 Feb 2015	99	10.31	89.08	4.5	33.69	7.8	25.9	0.23
F33	11 Feb 2015	100	10.29	88.44	4.5	33.69	7.8	25.9	0.23
F34	11 Feb 2015	1	17.10	90.09	7.8	33.38	8.2	24.2	0.28
F34	11 Feb 2015	2	17.10	90.19	7.8	33.38	8.2	24.2	0.28
F34	11 Feb 2015	3	17.09	90.28	7.8	33.38	8.2	24.3	0.29
F34	11 Feb 2015	4	17.08	90.46	7.8	33.38	8.2	24.3	0.31
F34	11 Feb 2015	5	17.06	90.40	7.8	33.38	8.2	24.3	0.30
F34	11 Feb 2015	6	17.06	90.42	7.8	33.38	8.2	24.3	0.31
F34	11 Feb 2015	7	17.06	90.45	7.8	33.38	8.2	24.3	0.33
F34	11 Feb 2015	8	17.06	90.38	7.8	33.38	8.2	24.3	0.31

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F34	11 Feb 2015	9	17.06	90.43	7.8	33.38	8.2	24.3	0.33
F34	11 Feb 2015	10	17.06	90.44	7.8	33.38	8.2	24.3	0.33
F34	11 Feb 2015	11	17.05	90.44	7.8	33.38	8.2	24.3	0.32
F34	11 Feb 2015	12	17.05	90.40	7.8	33.38	8.2	24.3	0.34
F34	11 Feb 2015	13	17.04	90.43	7.8	33.38	8.2	24.3	0.35
F34	11 Feb 2015	14	17.04	90.44	7.8	33.38	8.2	24.3	0.35
F34	11 Feb 2015	15	17.03	90.44	7.8	33.38	8.2	24.3	0.36
F34	11 Feb 2015	16	17.01	90.43	7.8	33.37	8.2	24.3	0.39
F34	11 Feb 2015	17	16.73	90.39	7.9	33.32	8.2	24.3	0.42
F34	11 Feb 2015	18	16.47	90.36	8.0	33.31	8.2	24.3	0.44
F34	11 Feb 2015	19	16.32	90.24	8.0	33.28	8.2	24.4	0.44
F34	11 Feb 2015	20	16.28	90.28	8.0	33.27	8.2	24.4	0.45
F34	11 Feb 2015	21	16.18	90.32	7.9	33.24	8.2	24.4	0.44
F34	11 Feb 2015	22	16.00	90.35	8.0	33.22	8.2	24.4	0.47
F34	11 Feb 2015	23	16.05	90.36	8.1	33.28	8.2	24.4	0.53
F34	11 Feb 2015	24	16.04	90.27	8.2	33.30	8.2	24.4	0.60
F34	11 Feb 2015	25	15.96	90.07	8.1	33.31	8.2	24.5	0.65
F34	11 Feb 2015	26	15.86	89.97	8.0	33.30	8.2	24.5	0.81
F34	11 Feb 2015	27	15.62	89.85	8.0	33.25	8.2	24.5	1.28
F34	11 Feb 2015	28	15.47	89.09	8.0	33.29	8.2	24.6	1.79
F34	11 Feb 2015	29	15.40	88.26	7.8	33.29	8.2	24.6	2.03
F34	11 Feb 2015	30	15.20	88.14	7.6	33.29	8.2	24.6	2.00
F34	11 Feb 2015	31	14.91	88.11	7.6	33.27	8.2	24.7	1.76
F34	11 Feb 2015	32	14.68	88.57	7.6	33.27	8.2	24.7	1.62
F34	11 Feb 2015	33	14.60	89.20	7.6	33.27	8.1	24.7	1.58
F34	11 Feb 2015	34	14.58	89.30	7.6	33.27	8.1	24.7	1.60
F34	11 Feb 2015	35	14.56	89.27	7.5	33.27	8.1	24.7	1.67
F34	11 Feb 2015	36	14.45	89.27	7.5	33.27	8.1	24.8	1.65
F34	11 Feb 2015	37	14.32	89.28	7.5	33.28	8.1	24.8	1.70
F34	11 Feb 2015	38	14.26	89.23	7.5	33.28	8.1	24.8	1.75
F34	11 Feb 2015	39	14.25	89.25	7.4	33.28	8.1	24.8	1.78
F34	11 Feb 2015	40	14.16	89.27	7.4	33.27	8.1	24.8	1.71
F34	11 Feb 2015	41	14.03	89.38	7.3	33.27	8.1	24.8	1.70
F34	11 Feb 2015	42	13.83	89.45	7.4	33.26	8.1	24.9	1.70
F34	11 Feb 2015	43	13.74	89.66	7.4	33.27	8.1	24.9	1.62
F34	11 Feb 2015	44	13.69	89.67	7.4	33.26	8.1	24.9	1.54
F34	11 Feb 2015	45	13.58	89.74	7.3	33.27	8.1	24.9	1.47
F34	11 Feb 2015	46	13.44	89.84	7.2	33.27	8.1	25.0	1.37
F34	11 Feb 2015	47	13.33	90.05	7.2	33.27	8.1	25.0	1.29
F34	11 Feb 2015	48	13.19	90.17	7.1	33.26	8.1	25.0	1.15
F34	11 Feb 2015	49	12.87	90.33	7.1	33.24	8.1	25.1	1.03
F34	11 Feb 2015	50	12.79	90.54	7.0	33.28	8.1	25.1	0.94
F34	11 Feb 2015	51	12.62	90.62	6.8	33.27	8.1	25.1	0.84
F34	11 Feb 2015	52	12.52	90.74	6.8	33.30	8.1	25.2	0.80
F34	11 Feb 2015	53	12.42	90.78	6.8	33.29	8.0	25.2	0.78
F34	11 Feb 2015	54	12.23	90.75	6.8	33.28	8.0	25.2	0.75
F34	11 Feb 2015	55	12.11	90.68	6.8	33.27	8.0	25.2	0.72
F34	11 Feb 2015	56	12.02	90.63	6.8	33.28	8.0	25.3	0.71
F34	11 Feb 2015	57	11.98	90.63	6.8	33.28	8.0	25.3	0.70
F34	11 Feb 2015	58	11.91	90.63	6.7	33.29	8.0	25.3	0.68
F34	11 Feb 2015	59	11.82	90.60	6.6	33.28	8.0	25.3	0.67
F34	11 Feb 2015	60	11.73	90.59	6.6	33.29	8.0	25.3	0.65
F34	11 Feb 2015	61	11.65	90.82	6.6	33.31	8.0	25.3	0.62
F34	11 Feb 2015	62	11.60	90.90	6.6	33.32	8.0	25.4	0.61
F34	11 Feb 2015	63	11.55	90.80	6.5	33.32	8.0	25.4	0.57
F34	11 Feb 2015	64	11.40	90.98	6.4	33.34	8.0	25.4	0.52
F34	11 Feb 2015	65	11.33	90.93	6.2	33.37	8.0	25.4	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F34	11 Feb 2015	66	11.28	90.79	6.1	33.38	8.0	25.5	0.46
F34	11 Feb 2015	67	11.24	90.68	5.9	33.41	8.0	25.5	0.40
F34	11 Feb 2015	68	11.19	90.28	5.8	33.43	8.0	25.5	0.39
F34	11 Feb 2015	69	11.17	90.09	5.8	33.44	7.9	25.5	0.37
F34	11 Feb 2015	70	11.12	90.02	5.7	33.45	7.9	25.5	0.36
F34	11 Feb 2015	71	11.09	90.06	5.7	33.46	7.9	25.6	0.33
F34	11 Feb 2015	72	11.02	90.13	5.7	33.46	7.9	25.6	0.33
F34	11 Feb 2015	73	10.92	89.78	5.7	33.47	7.9	25.6	0.32
F34	11 Feb 2015	74	10.89	89.28	5.6	33.48	7.9	25.6	0.31
F34	11 Feb 2015	75	10.85	88.38	5.6	33.48	7.9	25.6	0.31
F34	11 Feb 2015	76	10.79	87.92	5.6	33.48	7.9	25.6	0.30
F34	11 Feb 2015	77	10.73	89.53	5.5	33.50	7.9	25.7	0.28
F34	11 Feb 2015	78	10.70	89.63	5.3	33.52	7.9	25.7	0.28
F34	11 Feb 2015	79	10.74	88.58	5.1	33.55	7.9	25.7	0.26
F34	11 Feb 2015	80	10.79	87.55	4.9	33.56	7.9	25.7	0.26
F34	11 Feb 2015	81	10.79	87.24	4.8	33.57	7.9	25.7	0.25
F34	11 Feb 2015	82	10.77	87.27	4.8	33.58	7.9	25.7	0.25
F34	11 Feb 2015	83	10.75	88.38	4.9	33.58	7.9	25.7	0.25
F34	11 Feb 2015	84	10.74	89.14	4.9	33.58	7.9	25.7	0.24
F34	11 Feb 2015	85	10.72	89.33	4.9	33.58	7.9	25.7	0.24
F34	11 Feb 2015	86	10.68	89.50	4.9	33.59	7.9	25.7	0.25
F34	11 Feb 2015	87	10.65	89.50	4.9	33.59	7.8	25.7	0.23
F34	11 Feb 2015	88	10.62	89.38	4.8	33.60	7.8	25.8	0.24
F34	11 Feb 2015	89	10.59	89.28	4.8	33.61	7.8	25.8	0.24
F34	11 Feb 2015	90	10.58	89.32	4.8	33.61	7.8	25.8	0.23
F34	11 Feb 2015	91	10.54	89.55	4.7	33.62	7.8	25.8	0.22
F34	11 Feb 2015	92	10.50	89.71	4.7	33.63	7.8	25.8	0.23
F34	11 Feb 2015	93	10.48	89.69	4.7	33.64	7.8	25.8	0.23
F34	11 Feb 2015	94	10.43	89.64	4.6	33.65	7.8	25.8	0.22
F34	11 Feb 2015	95	10.38	89.68	4.5	33.67	7.8	25.8	0.21
F34	11 Feb 2015	96	10.35	89.44	4.5	33.68	7.8	25.9	0.21
F34	11 Feb 2015	97	10.35	88.99	4.5	33.68	7.8	25.9	0.22
F34	11 Feb 2015	98	10.33	88.76	4.5	33.68	7.8	25.9	0.21
F34	11 Feb 2015	99	10.29	87.76	4.4	33.70	7.8	25.9	0.22
F34	11 Feb 2015	100	10.28	87.07	4.4	33.70	7.8	25.9	0.29
F35	11 Feb 2015	1	16.98	89.93	7.8	33.35	8.2	24.2	0.32
F35	11 Feb 2015	2	16.98	90.06	7.8	33.35	8.2	24.3	0.31
F35	11 Feb 2015	3	16.97	90.13	7.8	33.35	8.2	24.3	0.30
F35	11 Feb 2015	4	16.97	90.21	7.8	33.35	8.2	24.3	0.30
F35	11 Feb 2015	5	16.97	90.25	7.8	33.35	8.2	24.3	0.30
F35	11 Feb 2015	6	16.97	90.25	7.8	33.35	8.2	24.3	0.31
F35	11 Feb 2015	7	16.97	90.27	7.8	33.35	8.2	24.3	0.31
F35	11 Feb 2015	8	16.96	90.25	7.8	33.35	8.2	24.3	0.32
F35	11 Feb 2015	9	16.96	90.24	7.8	33.35	8.2	24.3	0.34
F35	11 Feb 2015	10	16.97	90.22	7.8	33.35	8.2	24.3	0.34
F35	11 Feb 2015	11	16.97	90.24	7.8	33.35	8.2	24.3	0.35
F35	11 Feb 2015	12	16.96	90.25	7.8	33.35	8.2	24.3	0.36
F35	11 Feb 2015	13	16.96	90.27	7.8	33.35	8.2	24.3	0.37
F35	11 Feb 2015	14	16.96	90.25	7.8	33.35	8.2	24.3	0.38
F35	11 Feb 2015	15	16.94	90.24	7.8	33.34	8.2	24.3	0.38
F35	11 Feb 2015	16	16.90	90.27	7.8	33.33	8.2	24.3	0.38
F35	11 Feb 2015	17	16.82	90.30	7.8	33.32	8.2	24.3	0.40
F35	11 Feb 2015	18	16.77	90.33	7.9	33.31	8.2	24.3	0.40
F35	11 Feb 2015	19	16.74	90.35	7.9	33.31	8.2	24.3	0.41
F35	11 Feb 2015	20	16.72	90.31	7.9	33.31	8.2	24.3	0.41
F35	11 Feb 2015	21	16.70	90.34	7.9	33.31	8.2	24.3	0.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F35	11 Feb 2015	22	16.71	90.37	7.9	33.32	8.2	24.3	0.43
F35	11 Feb 2015	23	16.72	90.32	7.8	33.34	8.2	24.3	0.43
F35	11 Feb 2015	24	16.74	90.42	7.8	33.37	8.2	24.3	0.46
F35	11 Feb 2015	25	16.53	90.41	7.8	33.31	8.2	24.3	0.50
F35	11 Feb 2015	26	16.12	90.25	7.9	33.28	8.2	24.4	0.54
F35	11 Feb 2015	27	15.91	90.19	7.9	33.25	8.2	24.4	0.59
F35	11 Feb 2015	28	15.68	90.02	8.0	33.22	8.2	24.4	0.65
F35	11 Feb 2015	29	15.42	89.96	8.0	33.20	8.2	24.5	0.80
F35	11 Feb 2015	30	15.23	89.82	8.1	33.21	8.2	24.5	1.25
F35	11 Feb 2015	31	15.06	89.02	8.0	33.22	8.2	24.6	1.91
F35	11 Feb 2015	32	14.93	87.99	7.9	33.22	8.2	24.6	2.25
F35	11 Feb 2015	33	14.82	87.66	7.8	33.21	8.2	24.6	2.21
F35	11 Feb 2015	34	14.64	87.93	7.8	33.20	8.2	24.7	2.09
F35	11 Feb 2015	35	14.54	88.50	7.8	33.22	8.2	24.7	1.98
F35	11 Feb 2015	36	14.49	88.69	7.7	33.21	8.2	24.7	1.87
F35	11 Feb 2015	37	14.43	89.00	7.6	33.22	8.1	24.7	1.78
F35	11 Feb 2015	38	14.26	89.26	7.5	33.22	8.1	24.8	1.59
F35	11 Feb 2015	39	14.13	89.45	7.5	33.25	8.1	24.8	1.53
F35	11 Feb 2015	40	14.05	89.68	7.4	33.25	8.1	24.8	1.48
F35	11 Feb 2015	41	14.02	89.76	7.4	33.25	8.1	24.8	1.44
F35	11 Feb 2015	42	13.99	89.82	7.4	33.25	8.1	24.8	1.39
F35	11 Feb 2015	43	13.94	89.84	7.4	33.26	8.1	24.9	1.33
F35	11 Feb 2015	44	13.91	89.88	7.3	33.26	8.1	24.9	1.31
F35	11 Feb 2015	45	13.83	89.90	7.3	33.25	8.1	24.9	1.26
F35	11 Feb 2015	46	13.66	89.91	7.2	33.26	8.1	24.9	1.26
F35	11 Feb 2015	47	13.52	89.91	7.2	33.26	8.1	24.9	1.26
F35	11 Feb 2015	48	13.40	89.94	7.2	33.27	8.1	25.0	1.21
F35	11 Feb 2015	49	13.31	90.02	7.2	33.27	8.1	25.0	1.17
F35	11 Feb 2015	50	13.29	90.06	7.2	33.27	8.1	25.0	1.18
F35	11 Feb 2015	51	13.24	90.12	7.2	33.27	8.1	25.0	1.13
F35	11 Feb 2015	52	13.11	90.18	7.0	33.27	8.1	25.0	1.04
F35	11 Feb 2015	53	12.98	90.40	7.0	33.30	8.1	25.1	0.99
F35	11 Feb 2015	54	12.97	90.28	6.9	33.29	8.1	25.1	0.95
F35	11 Feb 2015	55	12.76	90.53	6.8	33.29	8.1	25.1	0.84
F35	11 Feb 2015	56	12.52	90.69	6.7	33.31	8.0	25.2	0.77
F35	11 Feb 2015	57	12.46	90.79	6.7	33.31	8.0	25.2	0.75
F35	11 Feb 2015	58	12.39	90.82	6.8	33.30	8.0	25.2	0.72
F35	11 Feb 2015	59	12.30	90.81	6.8	33.28	8.0	25.2	0.70
F35	11 Feb 2015	60	12.07	90.85	6.8	33.27	8.0	25.2	0.67
F35	11 Feb 2015	61	11.96	90.89	6.8	33.26	8.0	25.2	0.65
F35	11 Feb 2015	62	11.90	90.96	6.7	33.27	8.0	25.3	0.63
F35	11 Feb 2015	63	11.67	91.00	6.8	33.26	8.0	25.3	0.62
F35	11 Feb 2015	64	11.61	91.05	6.8	33.26	8.0	25.3	0.60
F35	11 Feb 2015	65	11.55	91.04	6.7	33.28	8.0	25.3	0.58
F35	11 Feb 2015	66	11.54	91.01	6.6	33.29	8.0	25.3	0.59
F35	11 Feb 2015	67	11.50	91.04	6.5	33.31	8.0	25.4	0.58
F35	11 Feb 2015	68	11.47	91.05	6.5	33.33	8.0	25.4	0.55
F35	11 Feb 2015	69	11.45	91.04	6.4	33.33	8.0	25.4	0.55
F35	11 Feb 2015	70	11.34	91.06	6.4	33.33	8.0	25.4	0.51
F35	11 Feb 2015	71	11.23	91.11	6.3	33.35	8.0	25.5	0.48
F35	11 Feb 2015	72	11.15	91.15	6.2	33.37	8.0	25.5	0.44
F35	11 Feb 2015	73	11.08	91.12	6.0	33.41	8.0	25.5	0.41
F35	11 Feb 2015	74	11.08	91.07	6.0	33.41	8.0	25.5	0.38
F35	11 Feb 2015	75	11.06	91.01	5.9	33.42	7.9	25.5	0.37
F35	11 Feb 2015	76	11.05	90.93	5.9	33.43	7.9	25.5	0.36
F35	11 Feb 2015	77	11.02	90.87	5.7	33.45	7.9	25.6	0.34
F35	11 Feb 2015	78	10.99	90.70	5.6	33.48	7.9	25.6	0.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F35	11 Feb 2015	79	10.97	90.59	5.5	33.49	7.9	25.6	0.31
F35	11 Feb 2015	80	10.96	90.53	5.5	33.49	7.9	25.6	0.31
F35	11 Feb 2015	81	10.94	90.49	5.5	33.49	7.9	25.6	0.30
F35	11 Feb 2015	82	10.93	90.48	5.5	33.49	7.9	25.6	0.30
F35	11 Feb 2015	83	10.87	90.51	5.5	33.50	7.9	25.6	0.30
F35	11 Feb 2015	84	10.83	90.53	5.5	33.51	7.9	25.6	0.29
F35	11 Feb 2015	85	10.76	90.46	5.4	33.52	7.9	25.7	0.28
F35	11 Feb 2015	86	10.68	90.02	5.4	33.53	7.9	25.7	0.27
F35	11 Feb 2015	87	10.62	89.57	5.3	33.55	7.9	25.7	0.27
F35	11 Feb 2015	88	10.59	89.43	5.2	33.55	7.9	25.7	0.26
F35	11 Feb 2015	89	10.55	88.81	5.2	33.57	7.9	25.7	0.25
F35	11 Feb 2015	90	10.54	88.69	5.2	33.57	7.9	25.7	0.26
F35	11 Feb 2015	91	10.50	88.66	5.1	33.58	7.9	25.8	0.25
F35	11 Feb 2015	92	10.45	88.90	5.0	33.60	7.9	25.8	0.25
F35	11 Feb 2015	93	10.43	88.77	4.9	33.61	7.9	25.8	0.25
F35	11 Feb 2015	94	10.42	88.92	4.8	33.62	7.8	25.8	0.25
F35	11 Feb 2015	95	10.42	89.02	4.8	33.63	7.8	25.8	0.24
F35	11 Feb 2015	96	10.42	89.19	4.7	33.63	7.8	25.8	0.24
F35	11 Feb 2015	97	10.39	89.27	4.6	33.65	7.8	25.8	0.23
F35	11 Feb 2015	98	10.28	88.07	4.4	33.69	7.8	25.9	0.23
F36	11 Feb 2015	1	16.96	89.09	7.8	33.34	8.2	24.2	0.31
F36	11 Feb 2015	2	16.96	89.51	7.9	33.33	8.2	24.2	0.30
F36	11 Feb 2015	3	16.94	90.09	7.9	33.33	8.2	24.2	0.31
F36	11 Feb 2015	4	16.94	90.21	7.8	33.33	8.2	24.2	0.31
F36	11 Feb 2015	5	16.93	90.18	7.8	33.33	8.2	24.3	0.31
F36	11 Feb 2015	6	16.93	90.22	7.8	33.33	8.2	24.3	0.31
F36	11 Feb 2015	7	16.92	90.11	7.8	33.33	8.2	24.3	0.30
F36	11 Feb 2015	8	16.92	90.27	7.8	33.33	8.2	24.3	0.31
F36	11 Feb 2015	9	16.92	90.29	7.9	33.33	8.2	24.3	0.31
F36	11 Feb 2015	10	16.90	90.28	7.8	33.33	8.2	24.3	0.31
F36	11 Feb 2015	11	16.89	90.29	7.8	33.33	8.2	24.3	0.32
F36	11 Feb 2015	12	16.89	90.32	7.8	33.33	8.2	24.3	0.33
F36	11 Feb 2015	13	16.89	90.32	7.8	33.33	8.2	24.3	0.33
F36	11 Feb 2015	14	16.89	90.27	7.9	33.33	8.2	24.3	0.34
F36	11 Feb 2015	15	16.89	90.31	7.8	33.33	8.2	24.3	0.33
F36	11 Feb 2015	16	16.90	90.26	7.8	33.33	8.2	24.3	0.36
F36	11 Feb 2015	17	16.86	90.30	7.9	33.34	8.2	24.3	0.36
F36	11 Feb 2015	18	16.86	90.32	7.8	33.36	8.2	24.3	0.36
F36	11 Feb 2015	19	16.89	90.37	7.8	33.39	8.2	24.3	0.37
F36	11 Feb 2015	20	16.92	90.41	7.8	33.40	8.2	24.3	0.37
F36	11 Feb 2015	21	16.95	90.44	7.8	33.41	8.2	24.3	0.38
F36	11 Feb 2015	22	16.91	90.43	7.8	33.41	8.2	24.3	0.41
F36	11 Feb 2015	23	16.75	90.37	7.8	33.41	8.2	24.4	0.44
F36	11 Feb 2015	24	16.73	90.38	7.8	33.41	8.2	24.4	0.47
F36	11 Feb 2015	25	16.38	90.29	7.8	33.34	8.2	24.4	0.53
F36	11 Feb 2015	26	16.05	90.12	7.9	33.35	8.2	24.5	0.59
F36	11 Feb 2015	27	15.99	90.05	7.9	33.35	8.2	24.5	0.66
F36	11 Feb 2015	28	15.86	89.89	7.9	33.34	8.2	24.5	0.80
F36	11 Feb 2015	29	15.67	89.59	7.9	33.35	8.2	24.6	0.89
F36	11 Feb 2015	30	15.61	89.40	7.9	33.34	8.2	24.6	1.00
F36	11 Feb 2015	31	15.44	89.39	7.9	33.31	8.2	24.6	1.29
F36	11 Feb 2015	32	15.13	89.16	7.9	33.27	8.2	24.6	2.03
F36	11 Feb 2015	33	14.94	87.94	7.8	33.26	8.2	24.6	2.53
F36	11 Feb 2015	34	14.70	87.62	7.8	33.26	8.1	24.7	2.60
F36	11 Feb 2015	35	14.54	87.77	7.7	33.25	8.1	24.7	2.31
F36	11 Feb 2015	36	14.49	88.16	7.7	33.24	8.1	24.7	2.11

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
F36	11 Feb 2015	37	14.38	88.41	7.6	33.23	8.1	24.7	2.00
F36	11 Feb 2015	38	14.25	88.74	7.6	33.23	8.1	24.8	1.84
F36	11 Feb 2015	39	13.99	88.78	7.5	33.23	8.1	24.8	1.63
F36	11 Feb 2015	40	13.89	89.35	7.5	33.23	8.1	24.8	1.46
F36	11 Feb 2015	41	13.76	89.63	7.4	33.23	8.1	24.9	1.35
F36	11 Feb 2015	42	13.69	89.81	7.4	33.23	8.1	24.9	1.32
F36	11 Feb 2015	43	13.65	89.87	7.4	33.24	8.1	24.9	1.29
F36	11 Feb 2015	44	13.63	89.90	7.4	33.24	8.1	24.9	1.26
F36	11 Feb 2015	45	13.61	89.92	7.4	33.24	8.1	24.9	1.25
F36	11 Feb 2015	46	13.58	89.96	7.3	33.25	8.1	24.9	1.18
F36	11 Feb 2015	47	13.53	90.00	7.3	33.26	8.1	24.9	1.15
F36	11 Feb 2015	48	13.47	90.04	7.2	33.26	8.1	25.0	1.10
F36	11 Feb 2015	49	13.40	90.08	7.2	33.27	8.1	25.0	1.09
F36	11 Feb 2015	50	13.33	90.10	7.1	33.27	8.1	25.0	1.04
F36	11 Feb 2015	51	13.25	90.16	7.1	33.27	8.1	25.0	1.01
F36	11 Feb 2015	52	13.17	90.18	7.1	33.27	8.1	25.0	0.99
F36	11 Feb 2015	53	13.00	90.20	7.1	33.28	8.1	25.1	0.94
F36	11 Feb 2015	54	12.96	90.31	7.0	33.29	8.1	25.1	0.92
F36	11 Feb 2015	55	12.95	90.35	7.0	33.29	8.1	25.1	0.93
F36	11 Feb 2015	56	12.91	90.39	7.0	33.30	8.1	25.1	0.91
F36	11 Feb 2015	57	12.87	90.43	6.9	33.30	8.1	25.1	0.87
F36	11 Feb 2015	58	12.78	90.51	6.8	33.31	8.0	25.1	0.77
F36	11 Feb 2015	59	12.51	90.62	6.7	33.31	8.0	25.2	0.69
F36	11 Feb 2015	60	12.41	90.68	6.7	33.33	8.0	25.2	0.65
F36	11 Feb 2015	61	12.35	90.78	6.6	33.33	8.0	25.2	0.64
F36	11 Feb 2015	62	12.28	90.82	6.6	33.33	8.0	25.2	0.60
F36	11 Feb 2015	63	12.17	90.85	6.6	33.33	8.0	25.3	0.57
F36	11 Feb 2015	64	12.09	90.91	6.6	33.33	8.0	25.3	0.55
F36	11 Feb 2015	65	12.06	90.91	6.5	33.33	8.0	25.3	0.56
F36	11 Feb 2015	66	11.95	90.92	6.6	33.31	8.0	25.3	0.54
F36	11 Feb 2015	67	11.91	90.94	6.5	33.33	8.0	25.3	0.53
F36	11 Feb 2015	68	11.93	90.96	6.4	33.35	8.0	25.3	0.48
F36	11 Feb 2015	69	11.71	91.00	6.3	33.37	8.0	25.4	0.45
F36	11 Feb 2015	70	11.64	91.04	6.3	33.38	8.0	25.4	0.42
F36	11 Feb 2015	71	11.46	91.07	6.2	33.36	8.0	25.4	0.42
F36	11 Feb 2015	72	11.31	91.11	6.2	33.35	8.0	25.4	0.42
F36	11 Feb 2015	73	11.14	91.13	6.3	33.33	8.0	25.5	0.41
F36	11 Feb 2015	74	11.05	91.14	6.4	33.34	8.0	25.5	0.41
F36	11 Feb 2015	75	11.04	91.14	6.4	33.35	8.0	25.5	0.39
F36	11 Feb 2015	76	11.02	91.17	6.3	33.37	8.0	25.5	0.39
F36	11 Feb 2015	77	11.02	91.18	6.2	33.38	8.0	25.5	0.38
F36	11 Feb 2015	78	11.01	91.18	6.2	33.38	8.0	25.5	0.37
F36	11 Feb 2015	79	10.99	91.19	6.2	33.39	8.0	25.5	0.36
F36	11 Feb 2015	80	10.98	91.19	6.2	33.39	8.0	25.5	0.36
F36	11 Feb 2015	81	10.97	91.20	6.1	33.39	7.9	25.5	0.35
F36	11 Feb 2015	82	10.90	91.18	6.1	33.39	7.9	25.5	0.36
F36	11 Feb 2015	83	10.84	91.20	6.1	33.40	7.9	25.6	0.35
F36	11 Feb 2015	84	10.75	91.23	6.0	33.40	7.9	25.6	0.33
F36	11 Feb 2015	85	10.73	91.24	6.0	33.42	7.9	25.6	0.32
F36	11 Feb 2015	86	10.73	91.25	5.9	33.44	7.9	25.6	0.30
F36	11 Feb 2015	87	10.73	91.23	5.7	33.47	7.9	25.6	0.29
F36	11 Feb 2015	88	10.73	91.19	5.6	33.49	7.9	25.6	0.27
F36	11 Feb 2015	89	10.69	91.05	5.5	33.51	7.9	25.7	0.27
F36	11 Feb 2015	90	10.67	91.03	5.4	33.52	7.9	25.7	0.26
F36	11 Feb 2015	91	10.65	90.99	5.4	33.52	7.9	25.7	0.26
F36	11 Feb 2015	92	10.61	90.97	5.3	33.54	7.9	25.7	0.24
F36	11 Feb 2015	93	10.58	90.78	5.2	33.56	7.9	25.7	0.23

<b>Station</b>	<b>Date</b>	<b>Depth (m)</b>	<b>Temp (°C)</b>	<b>XMS (%)</b>	<b>DO (mg/L)</b>	<b>Sal (ppt)</b>	<b>pH</b>	<b>Dens (σ-t)</b>	<b>Chlor (µg/L)</b>
F36	11 Feb 2015	94	10.55	90.63	5.1	33.57	7.9	25.7	0.23
F36	11 Feb 2015	95	10.48	90.34	5.0	33.59	7.9	25.8	0.23
F36	11 Feb 2015	96	10.43	90.07	5.0	33.61	7.8	25.8	0.24
F36	11 Feb 2015	97	10.41	90.00	4.9	33.62	7.8	25.8	0.24
F36	11 Feb 2015	98	10.40	89.91	4.9	33.62	7.8	25.8	0.23
F36	11 Feb 2015	99	10.40	89.88	4.9	33.62	7.8	25.8	0.23

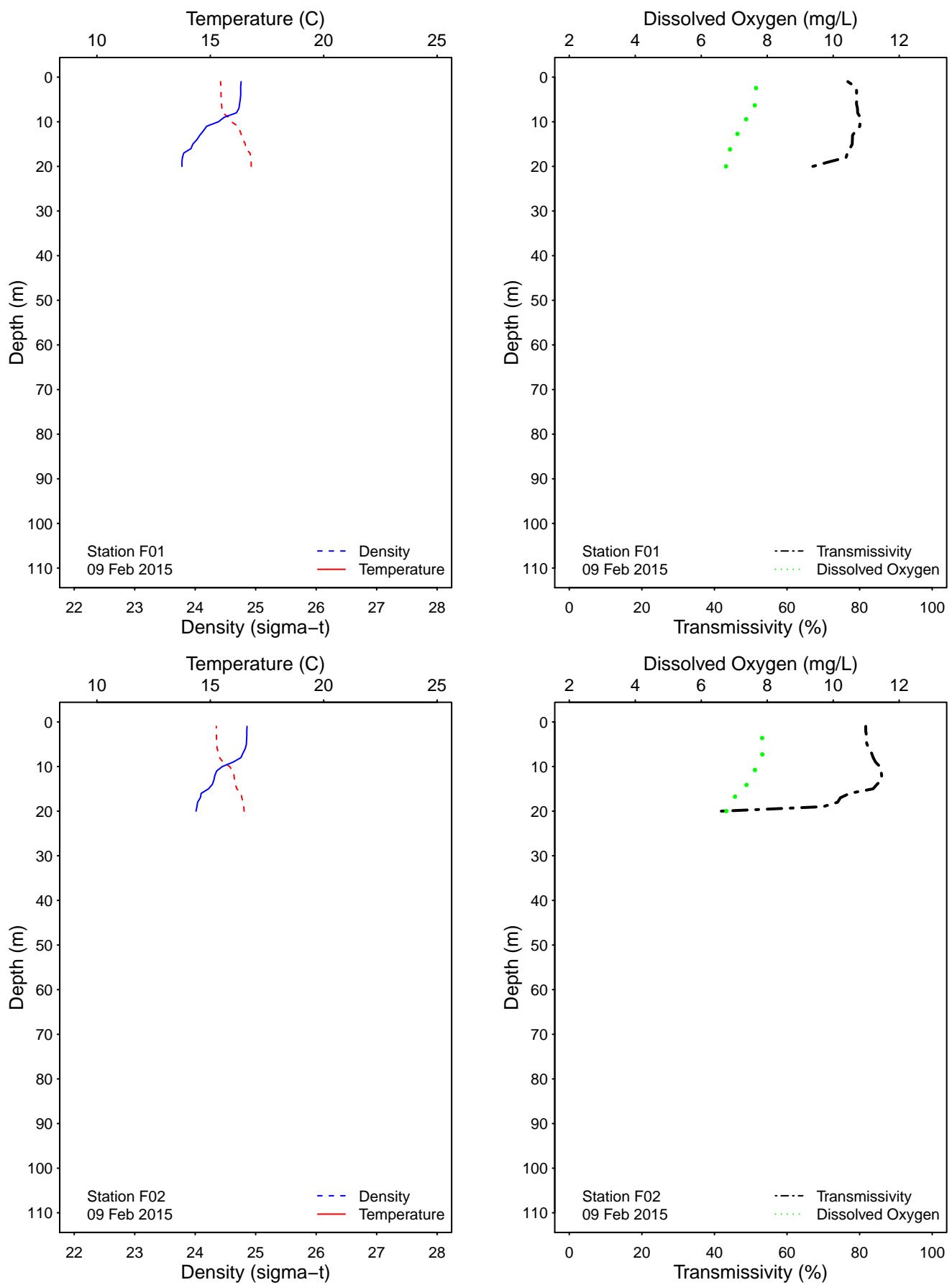


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

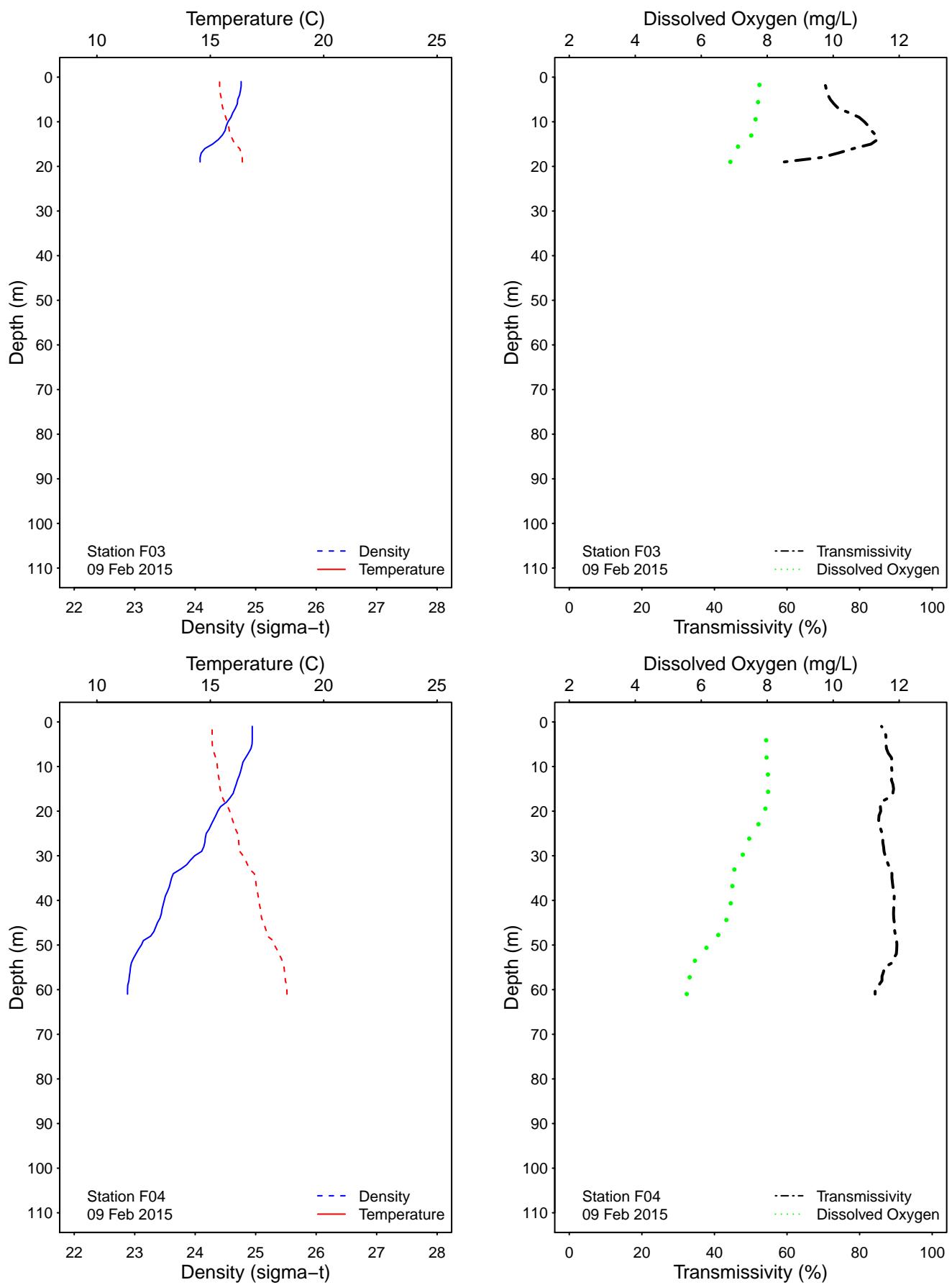


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

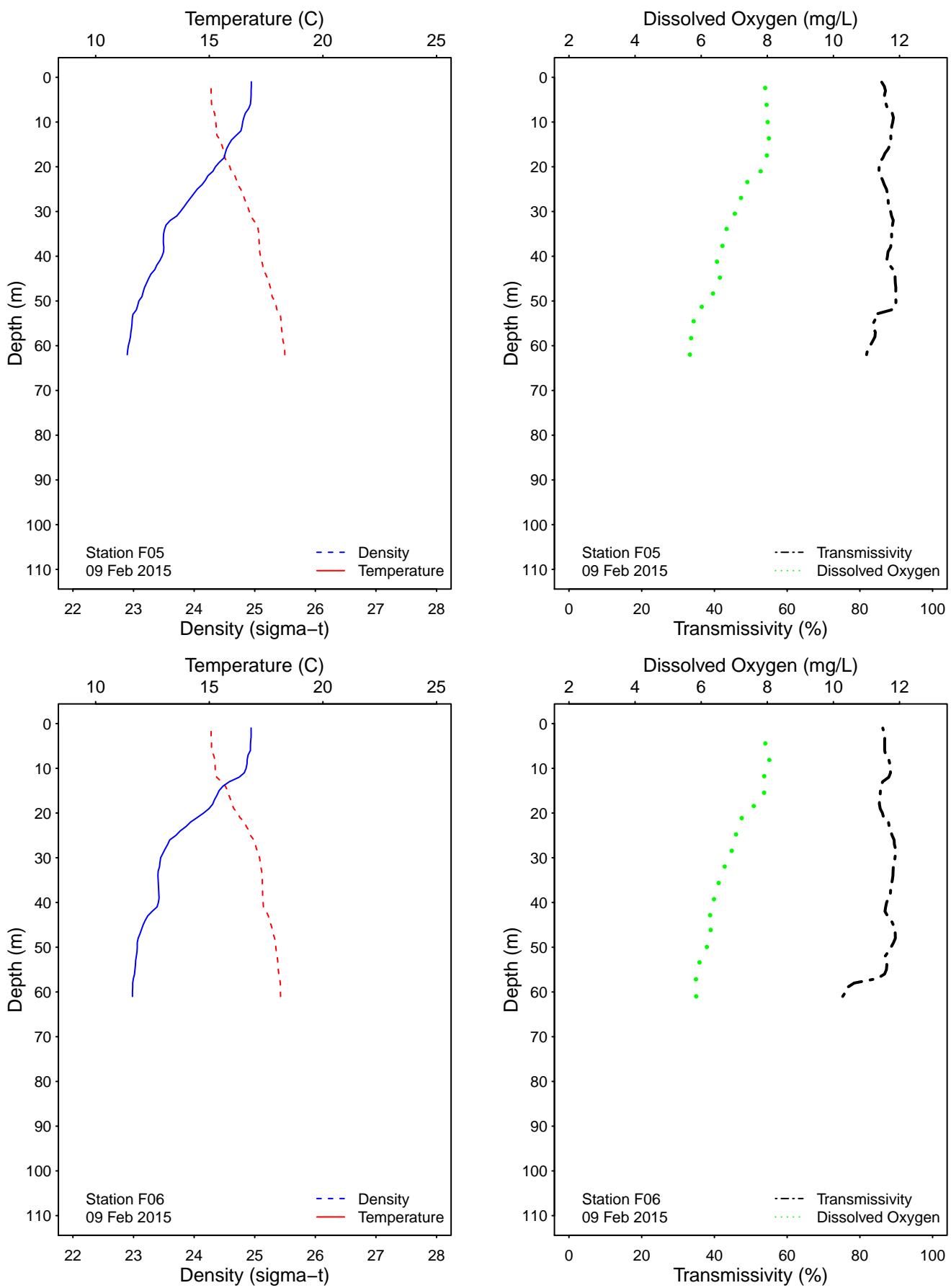


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

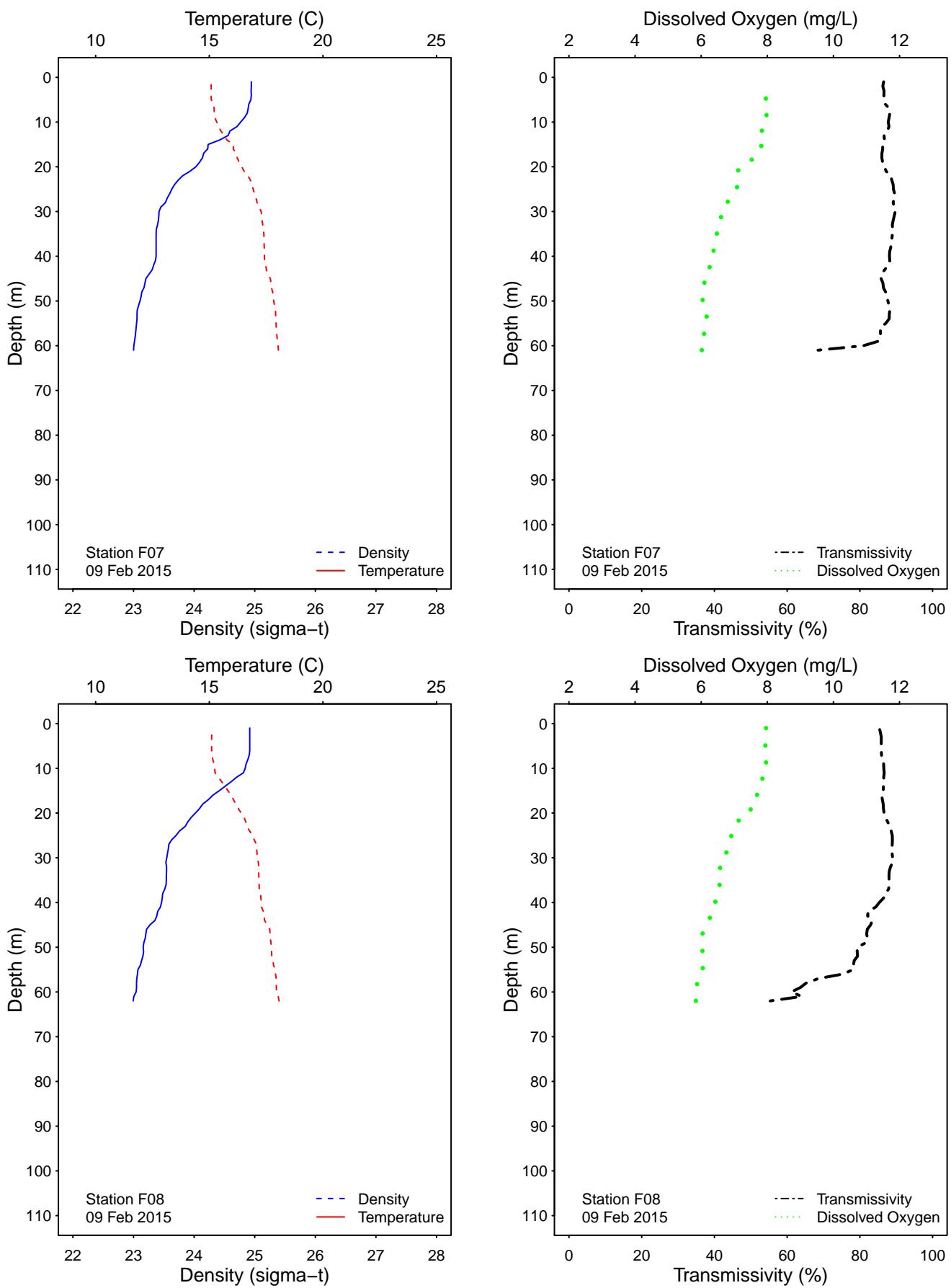


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

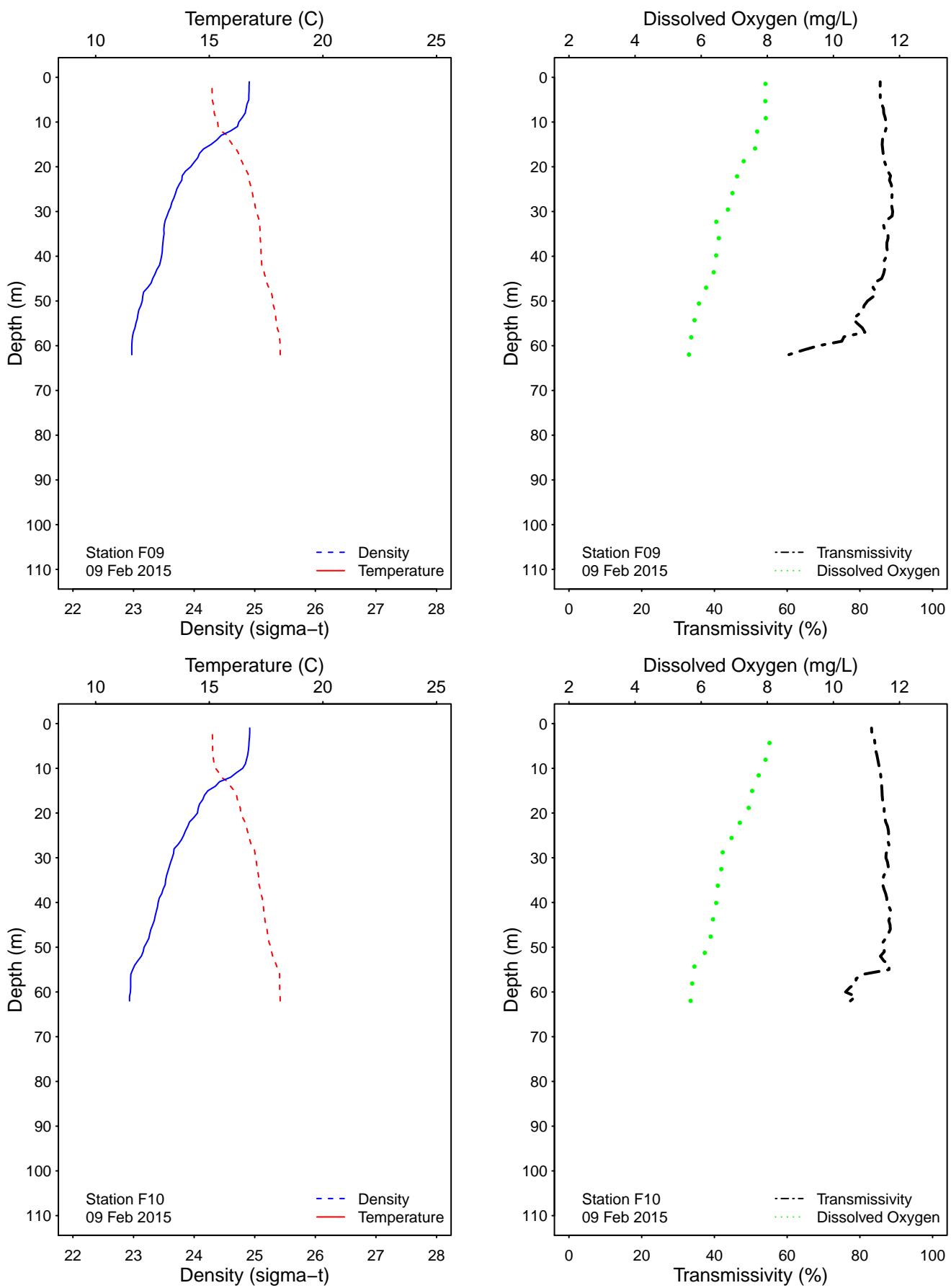


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

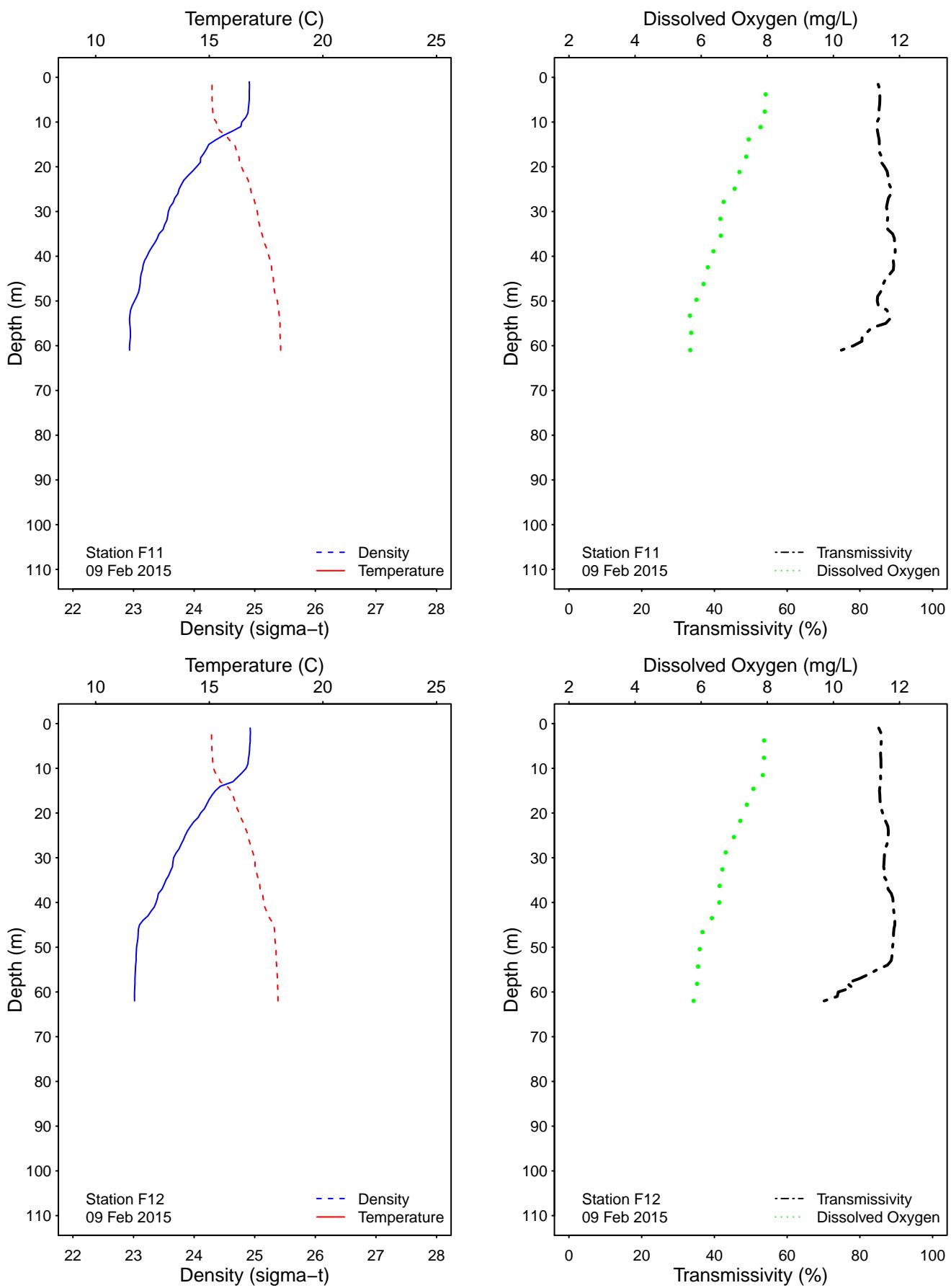


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

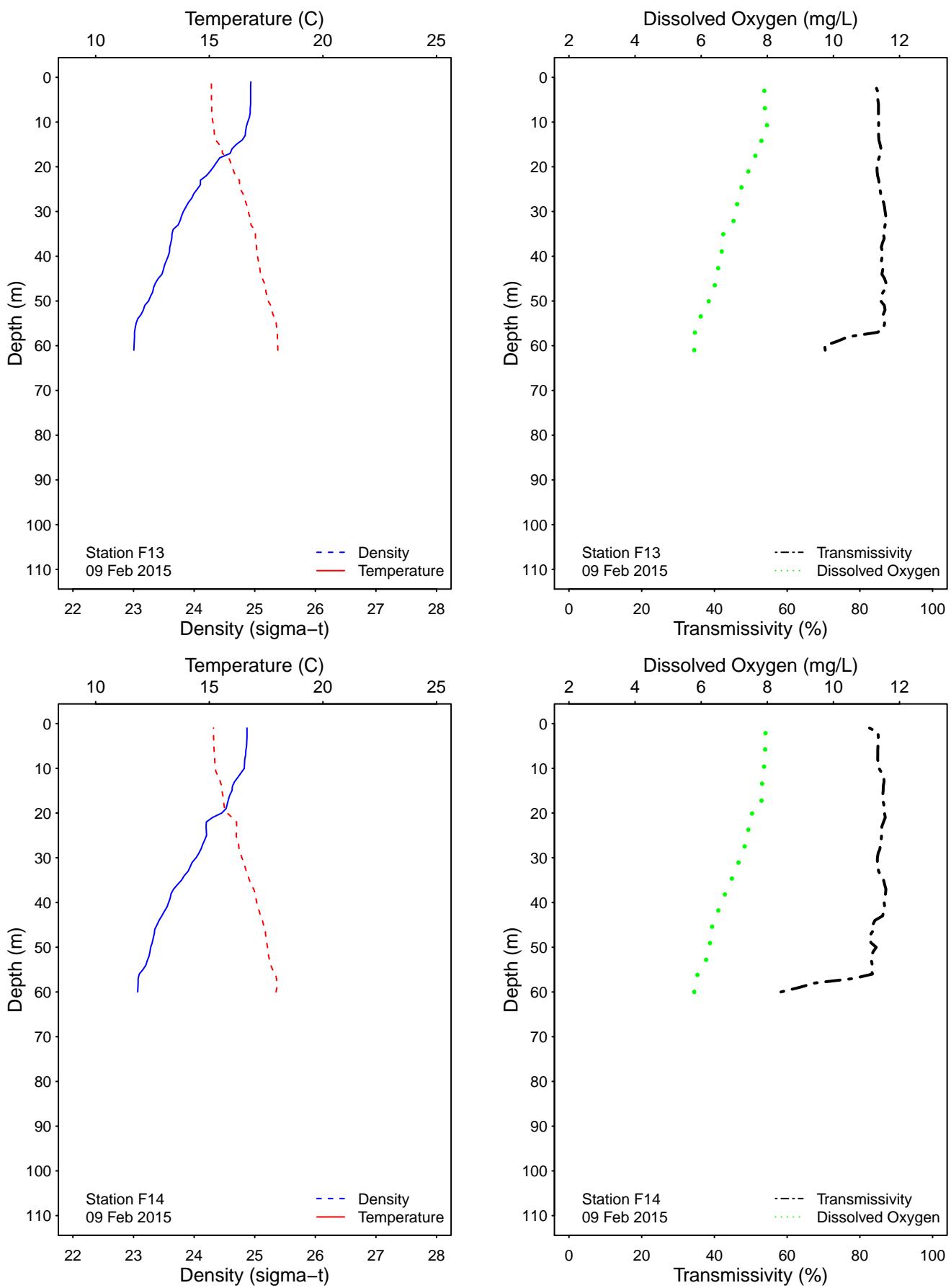


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

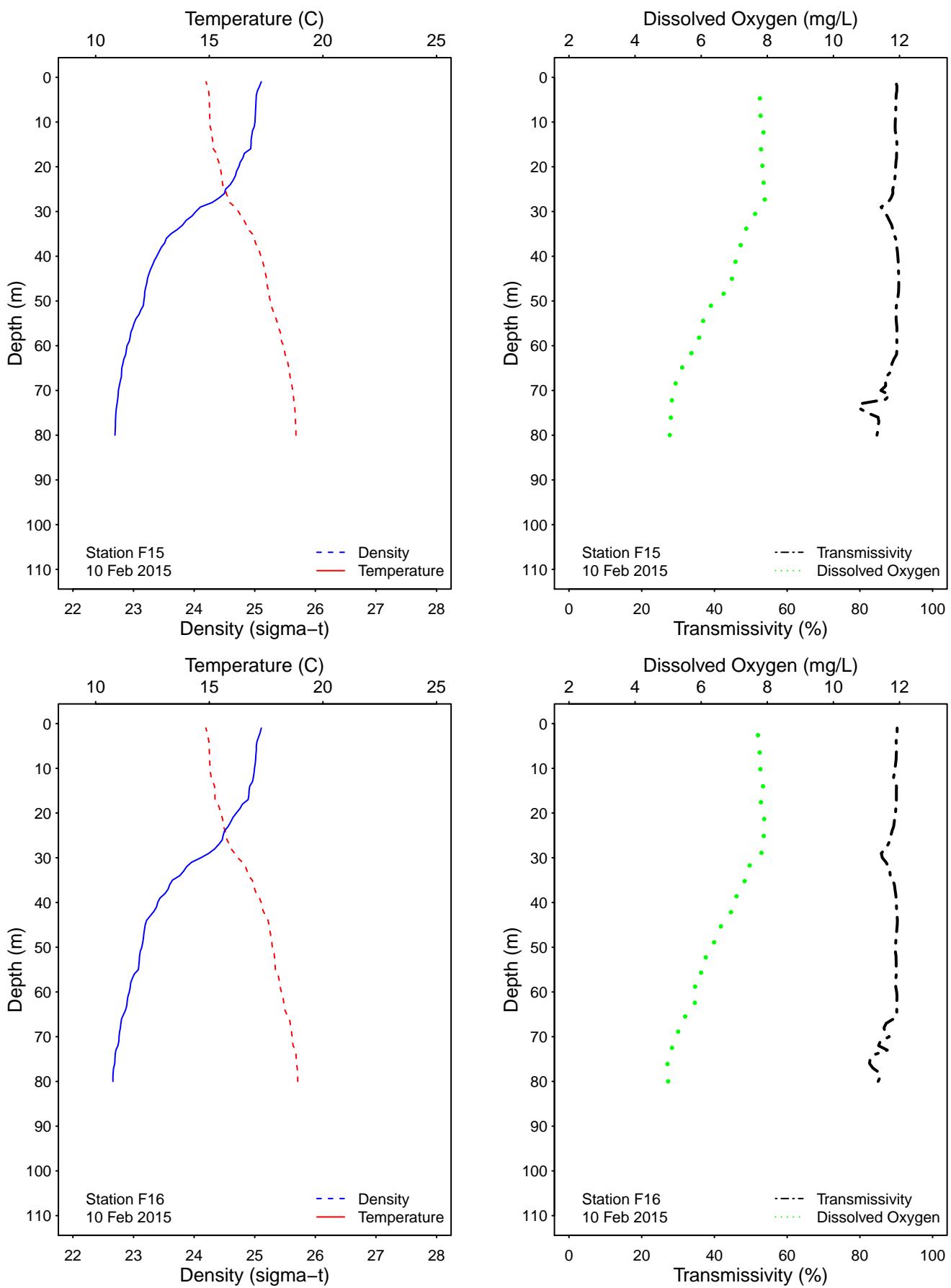


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

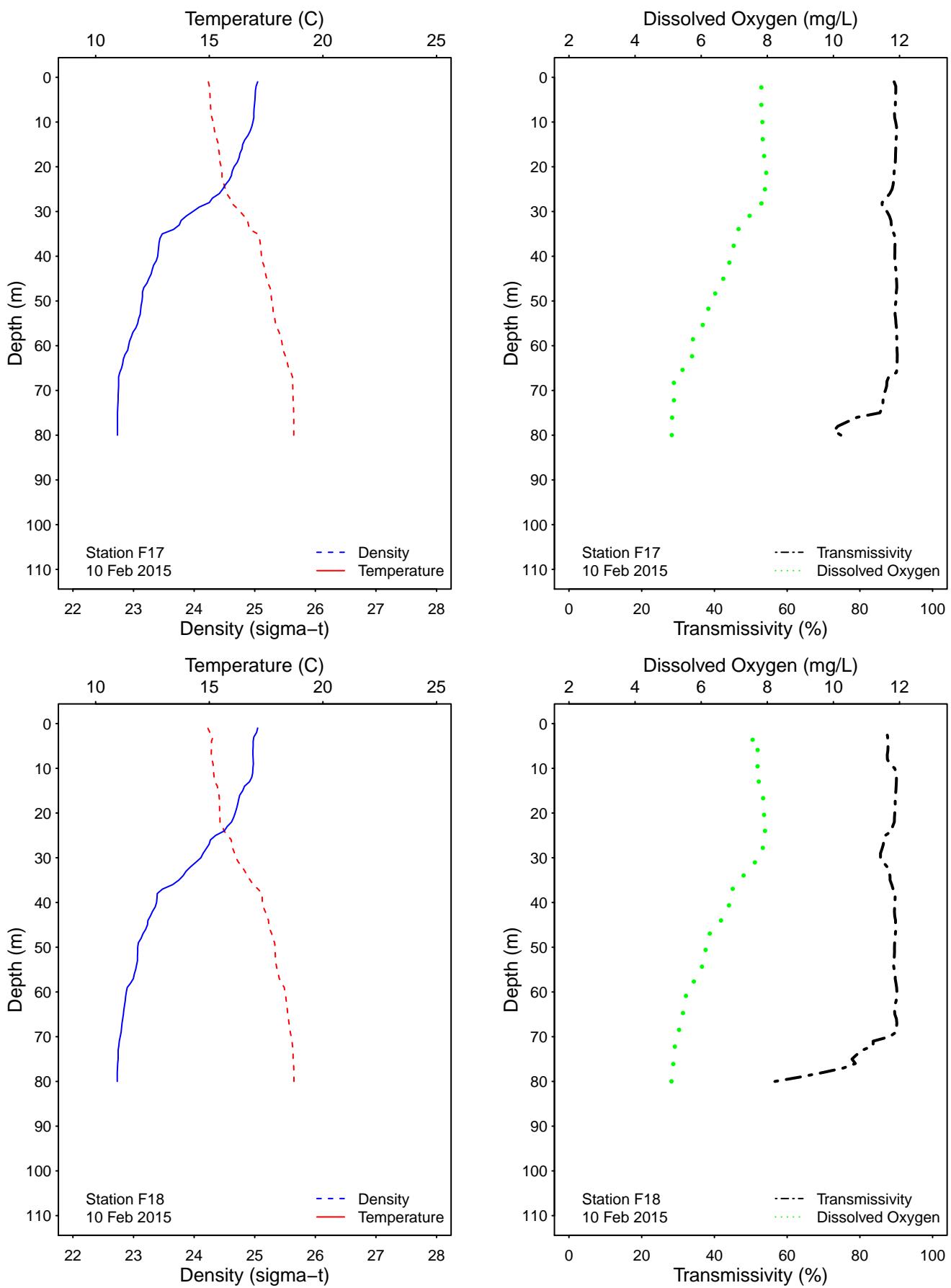


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

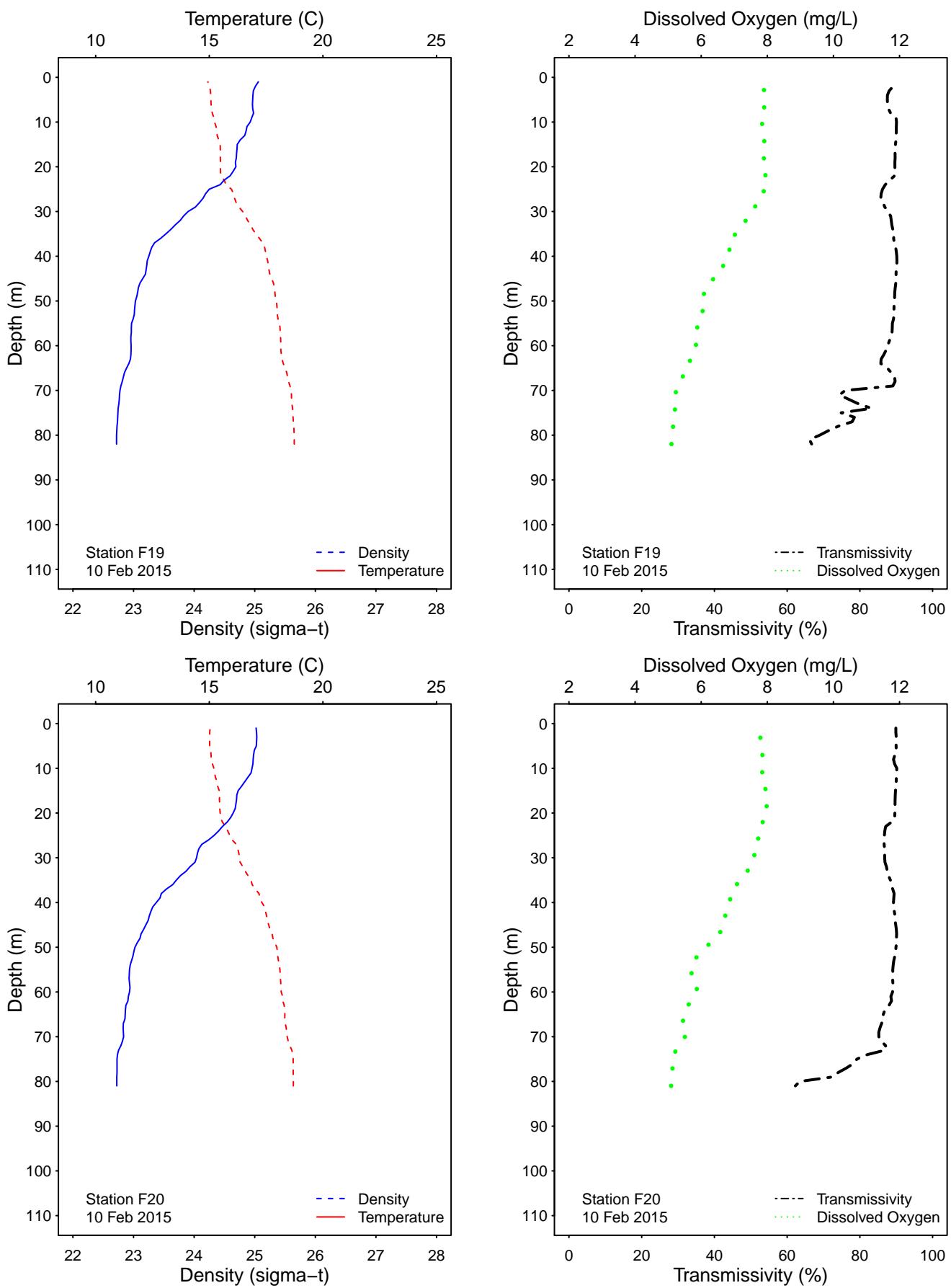


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

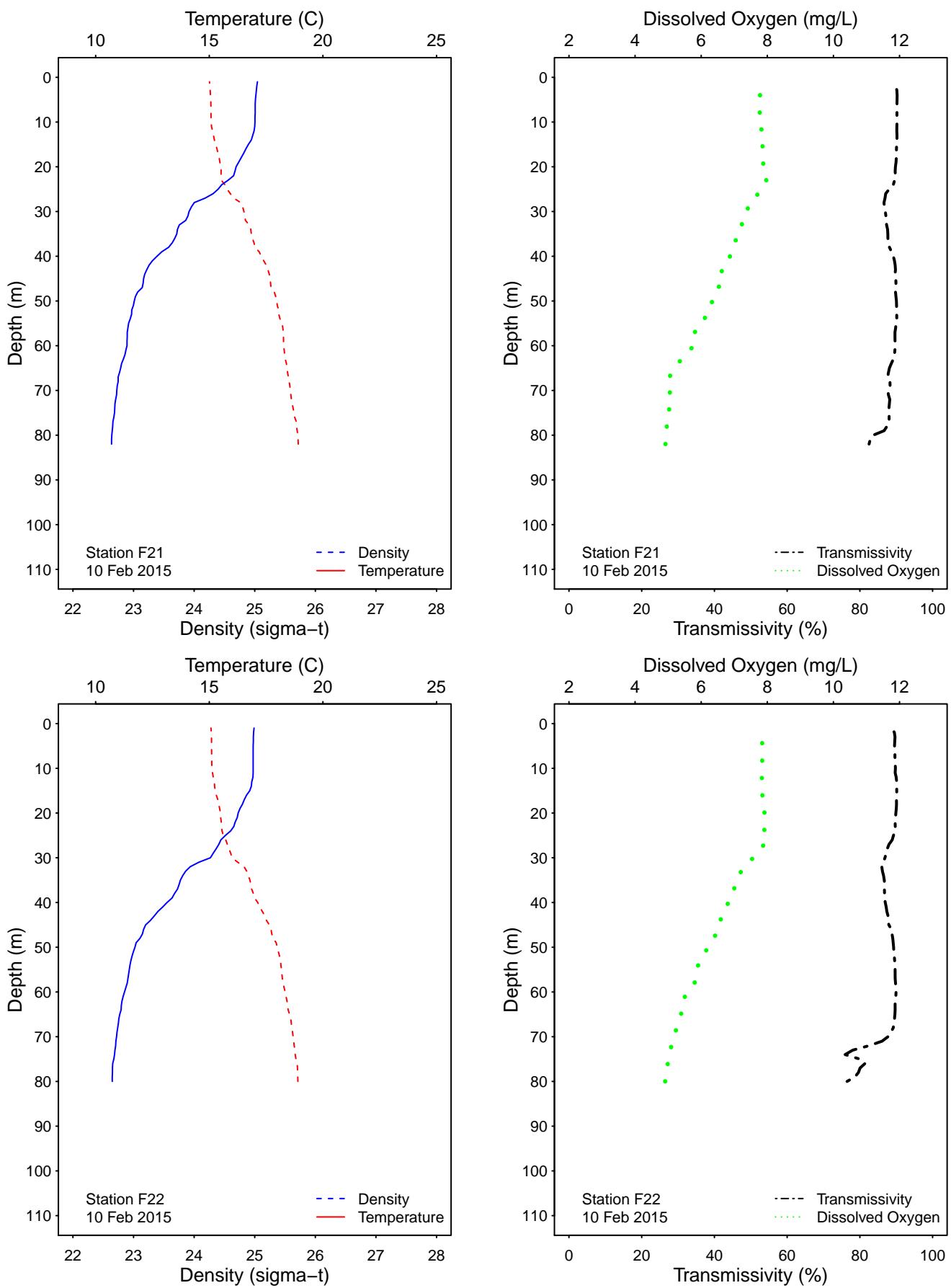


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

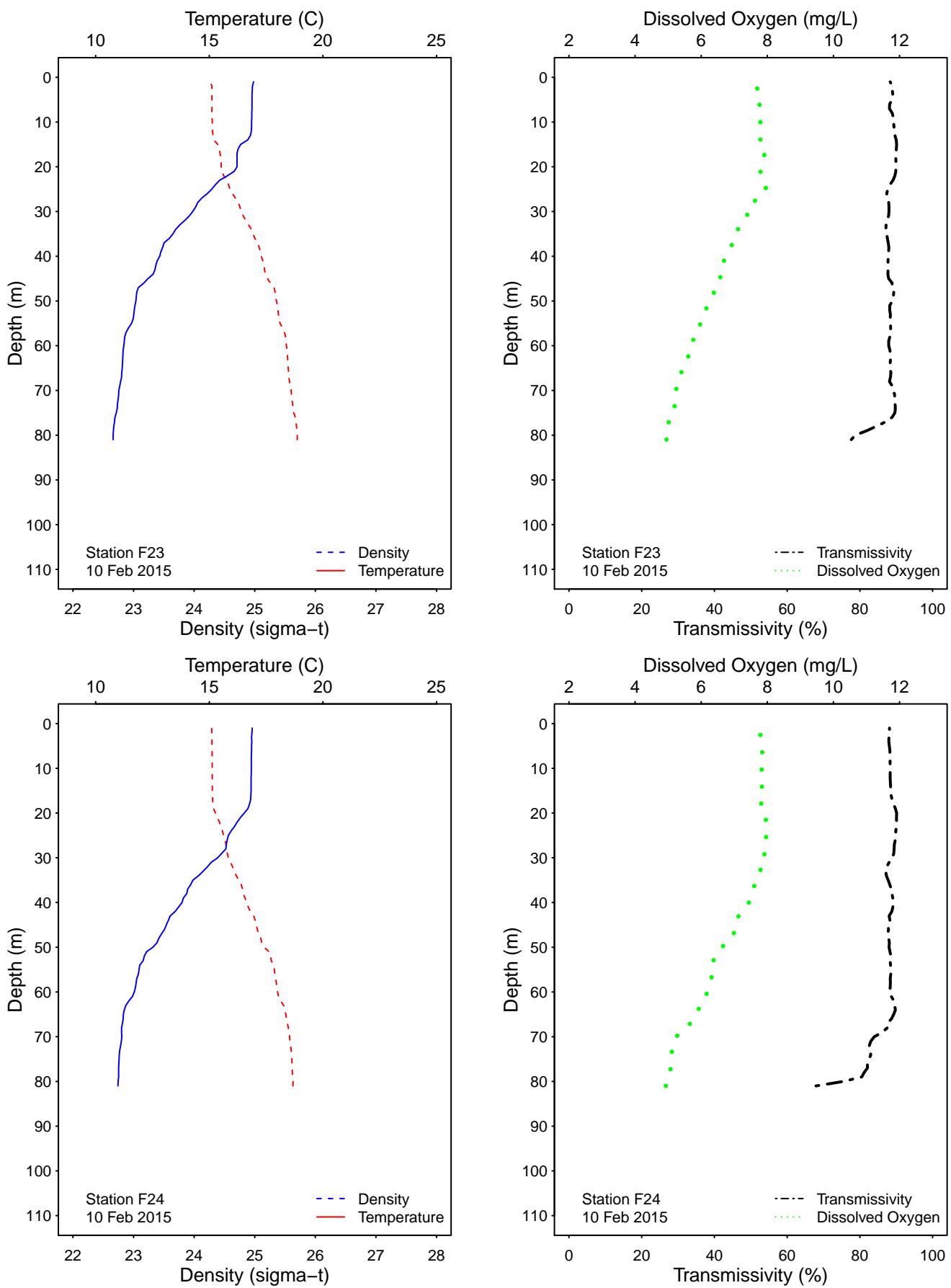


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

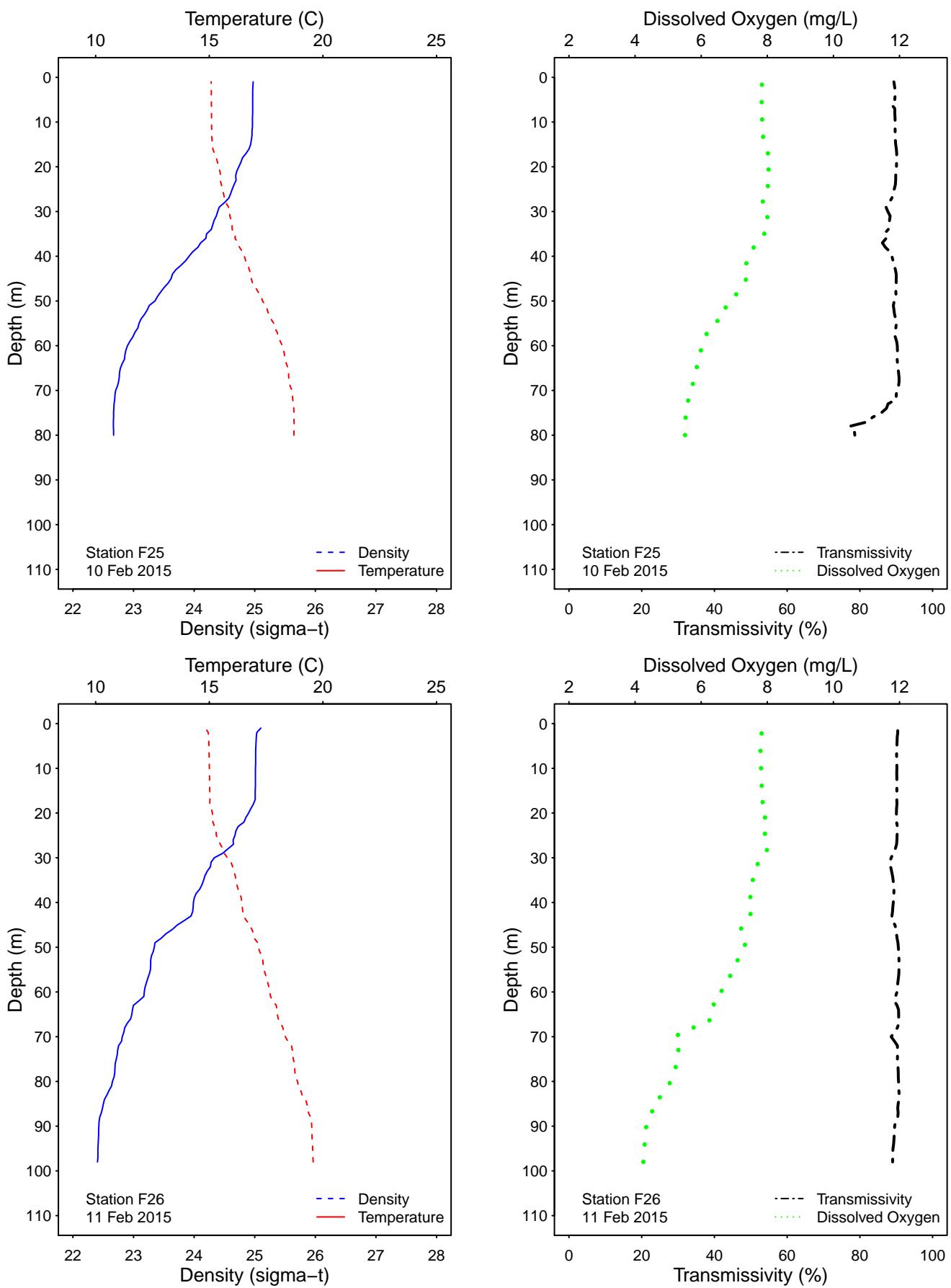


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

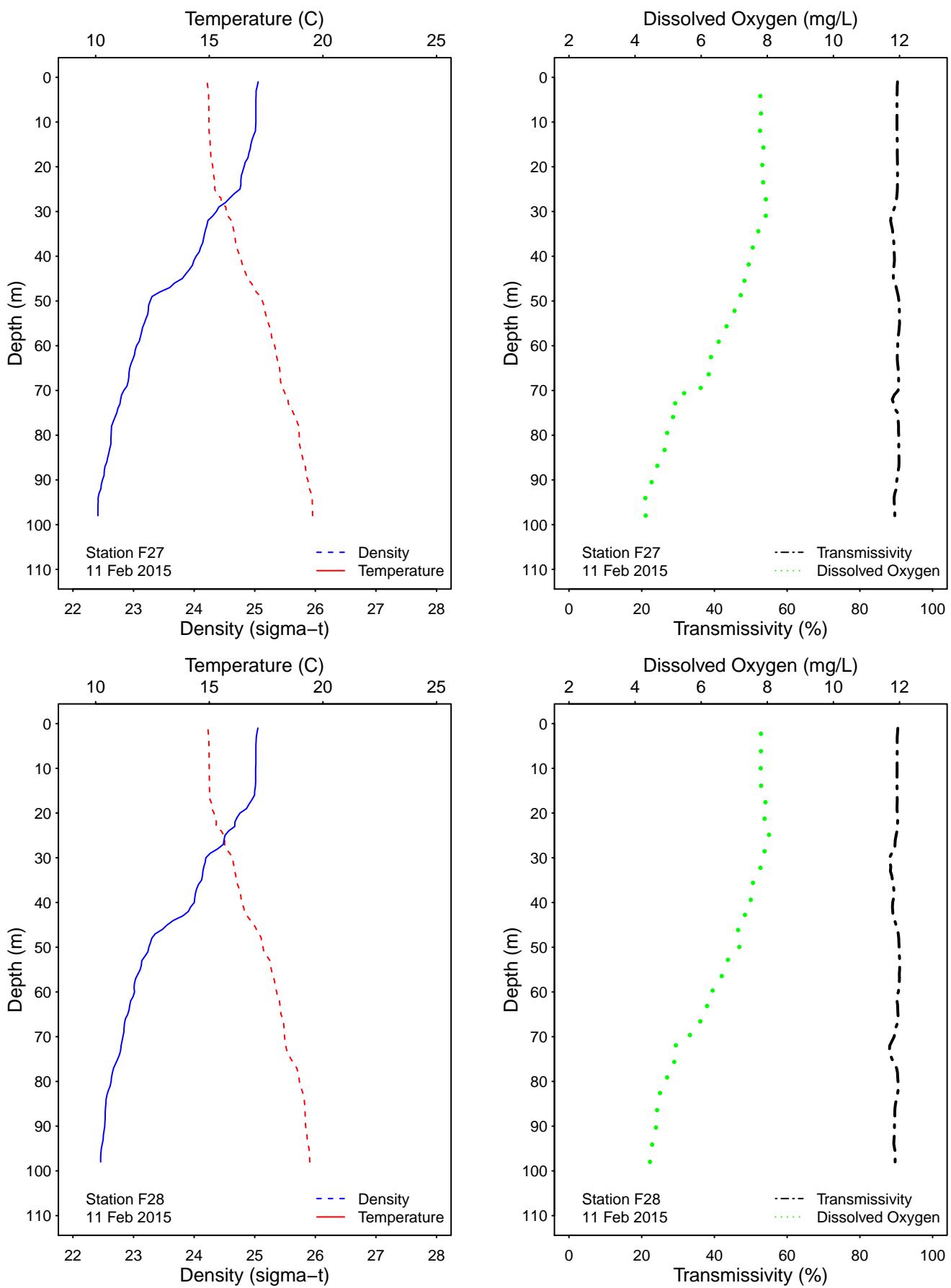


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

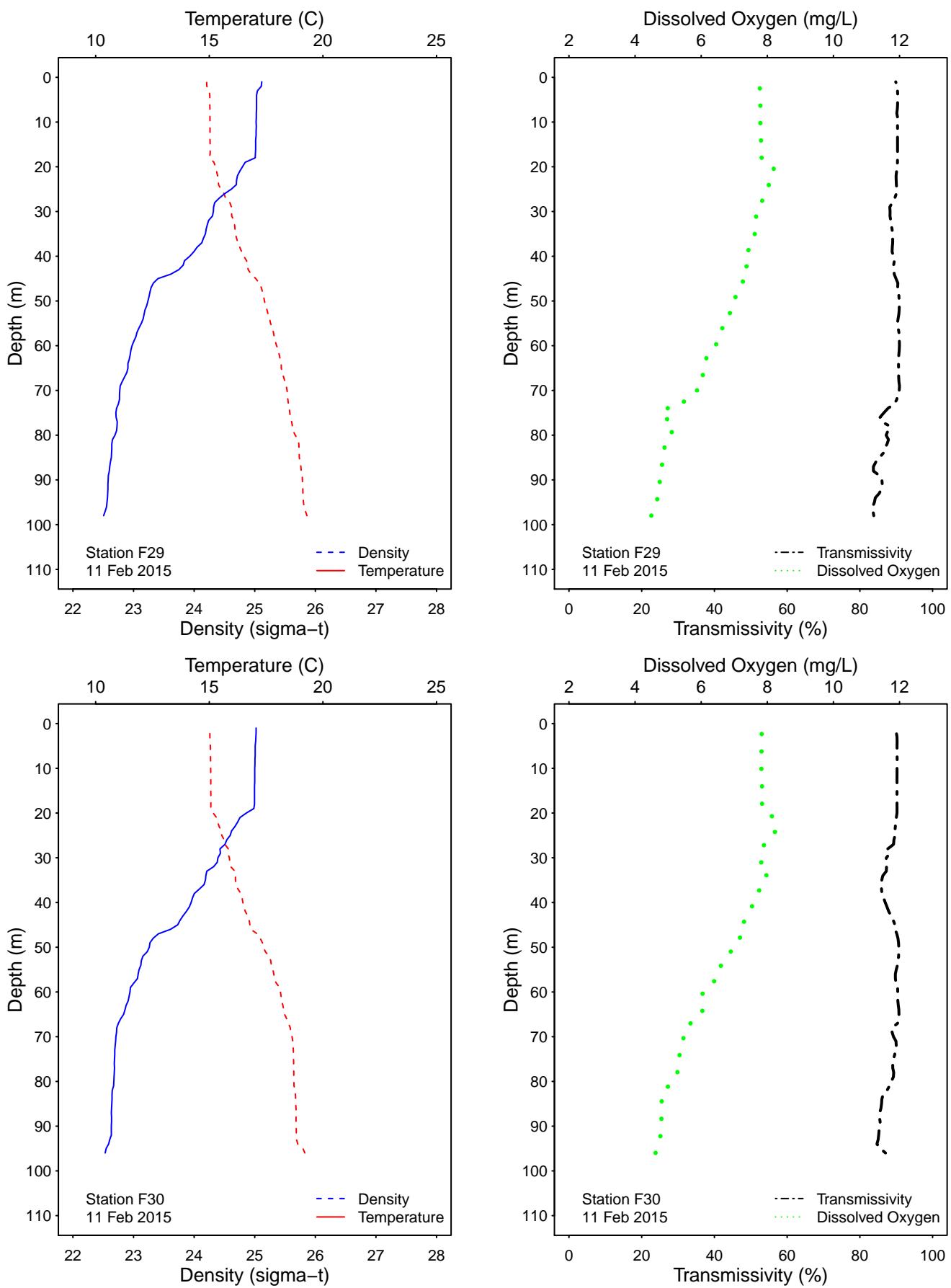


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

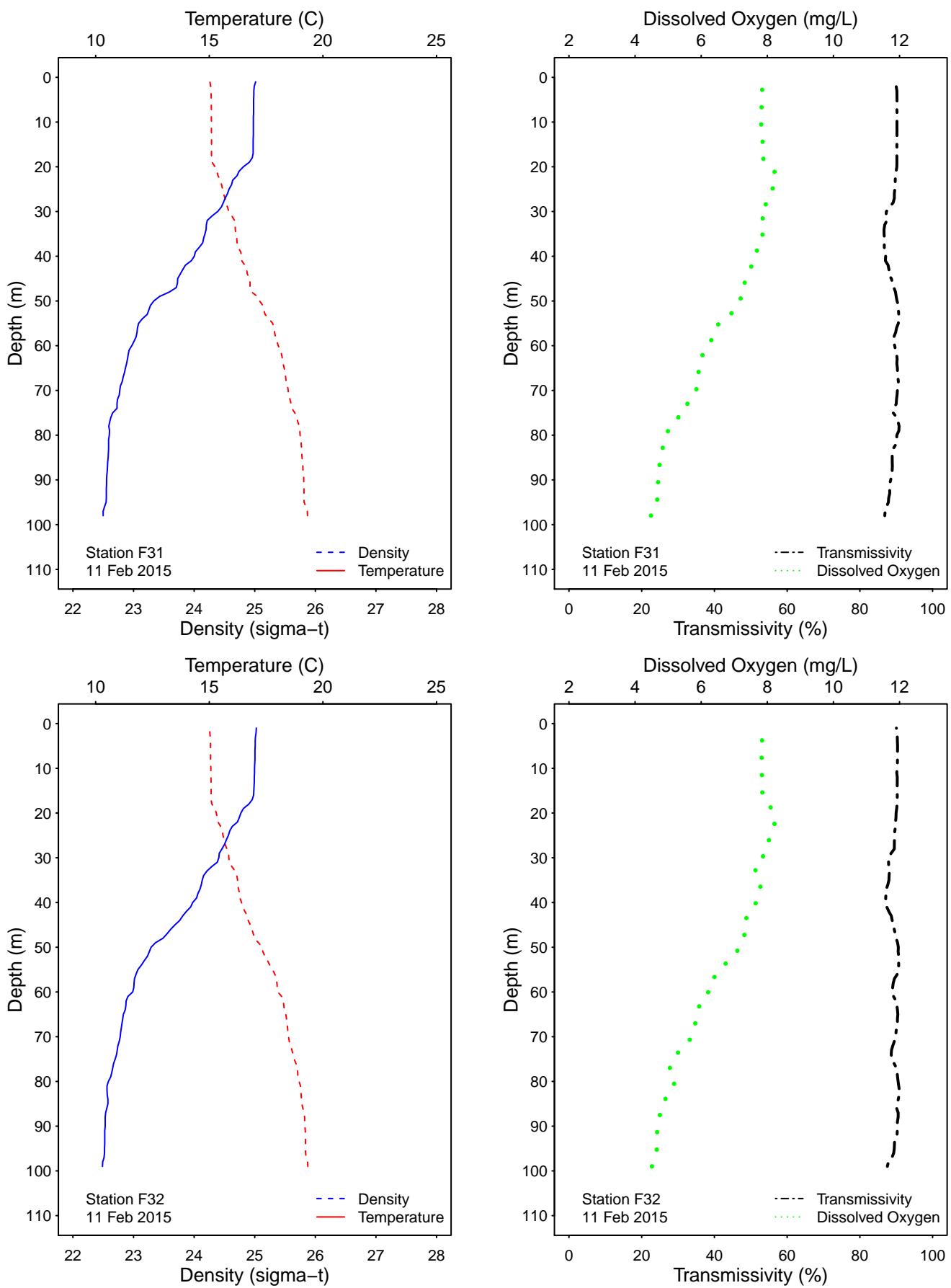


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

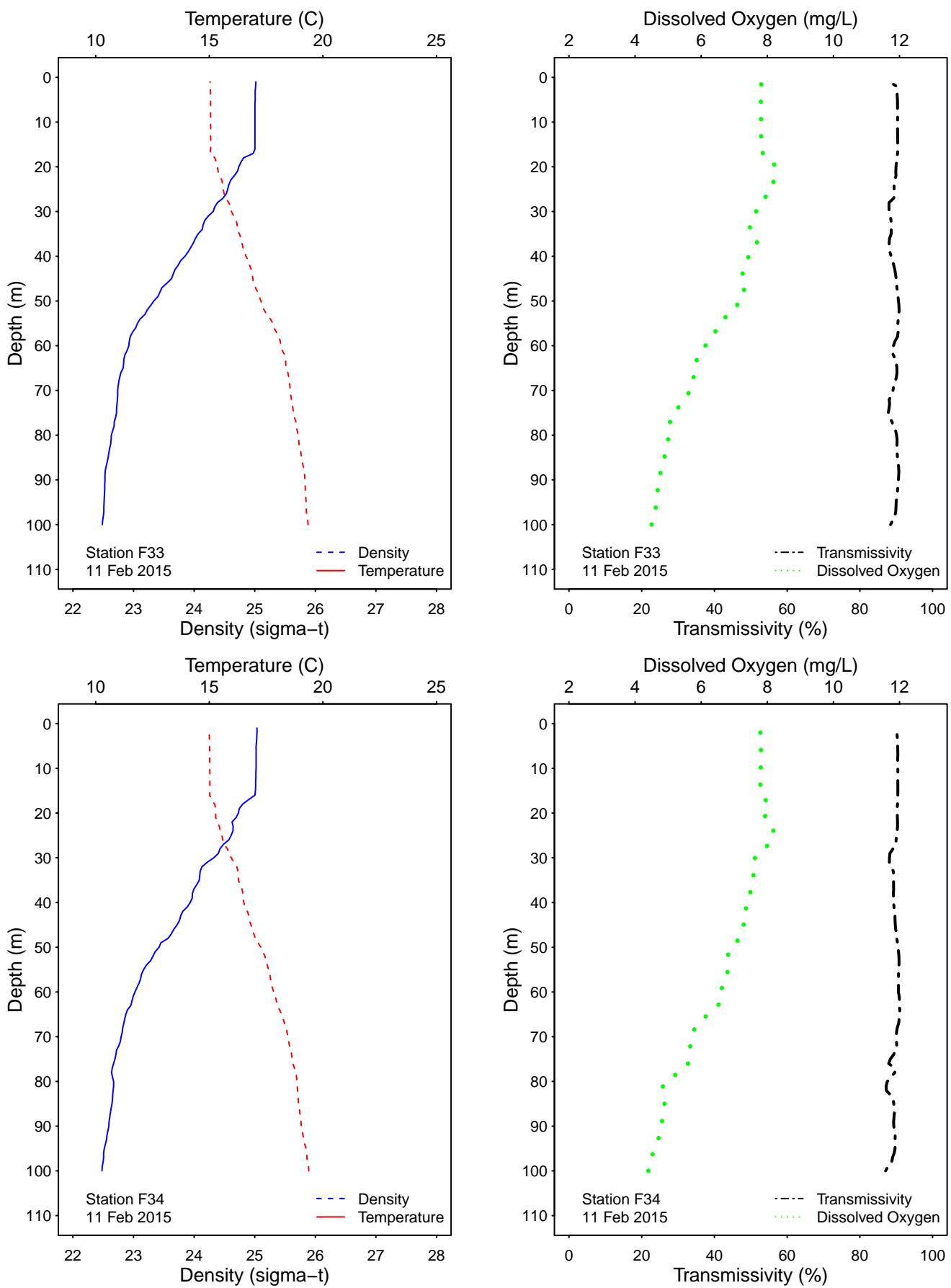


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

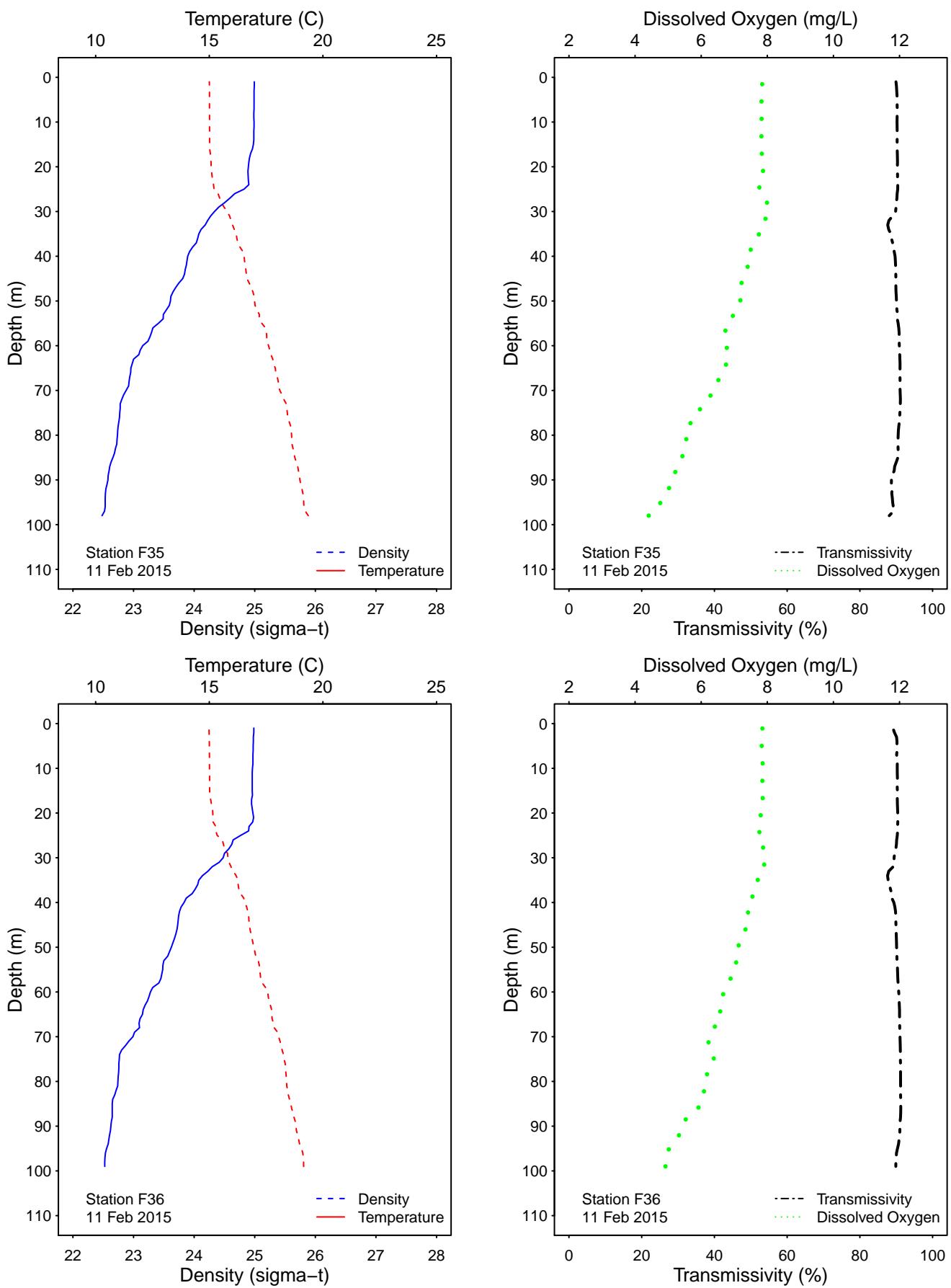


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

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## APPENDIX A

### Quality Assurance



**Table A.1**

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

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Entero
A7	02 Feb 2015	18	LMA	LAB DUPLICATE	20e	2e	4e
A7	12 Feb 2015	18	AR	LAB DUPLICATE	2e	<2	<2
A7	18 Feb 2015	18	ZV	LAB DUPLICATE	<2	<2	<2
A7	22 Feb 2015	18	SR	LAB DUPLICATE	<2	<2	<2
A7	27 Feb 2015	18	ZV	LAB DUPLICATE	<2	<2	<2
C7	02 Feb 2015	18	LMA	LAB DUPLICATE	<2	<2	2e
C7	12 Feb 2015	18	AR	LAB DUPLICATE	20e	4e	2e
C7	18 Feb 2015	18	ZV	LAB DUPLICATE	<2	<2	<2
C7	22 Feb 2015	18	SR	LAB DUPLICATE	<2	<2	<2
C7	27 Feb 2015	18	ZV	LAB DUPLICATE	<2	<2	<2
C8	02 Feb 2015	12	LMA	LAB DUPLICATE	<2	<2	<2
C8	12 Feb 2015	12	AR	LAB DUPLICATE	2e	<2	<2
C8	18 Feb 2015	12	ZV	LAB DUPLICATE	<2	<2	<2
C8	22 Feb 2015	12	SR	LAB DUPLICATE	2e	<2	<2
C8	27 Feb 2015	12	ZV	LAB DUPLICATE	<2	<2	<2
D8	05 Feb 2015		AR	FIELD DUPLICATE	120e	20e	84
D8	05 Feb 2015		AR	LAB DUPLICATE	60e	30e	46
D8	11 Feb 2015		ZV	FIELD DUPLICATE	2e	2e	2e
D8	11 Feb 2015		ZV	LAB DUPLICATE	4e	2e	6e
D8	17 Feb 2015		ZV	FIELD DUPLICATE	40e	2e	2e
D8	17 Feb 2015		ZV	LAB DUPLICATE	20e	2e	8e
D8	23 Feb 2015		LMA	FIELD DUPLICATE	80e	72	56
D8	23 Feb 2015		LMA	LAB DUPLICATE	240e	80	56
D8	26 Feb 2015		SR	FIELD DUPLICATE	20e	<2	4e
D8	26 Feb 2015		SR	LAB DUPLICATE	20e	<2	2e
F01	09 Feb 2015	12	AR	LAB DUPLICATE	ns	ns	<2
F02	09 Feb 2015	12	AR	LAB DUPLICATE	ns	ns	<2
F07	09 Feb 2015	60	AR	LAB DUPLICATE	ns	ns	4e
F08	09 Feb 2015	60	AR	LAB DUPLICATE	ns	ns	28e
F11	09 Feb 2015	60	AR	LAB DUPLICATE	ns	ns	140e
F17	10 Feb 2015	80	AR	LAB DUPLICATE	ns	ns	2e
F18	10 Feb 2015	60	AR	LAB DUPLICATE	ns	ns	14e
F19	10 Feb 2015	60	AR	LAB DUPLICATE	ns	ns	10e
F20	10 Feb 2015	60	AR	LAB DUPLICATE	ns	ns	34e
F21	10 Feb 2015	80	AR	LAB DUPLICATE	ns	ns	60
F28	11 Feb 2015	60	ZV	LAB DUPLICATE	ns	ns	<2
F29	11 Feb 2015	60	ZV	LAB DUPLICATE	ns	ns	<2
F30	11 Feb 2015	60	ZV	LAB DUPLICATE	ns	ns	<2
F31	11 Feb 2015	80	ZV	LAB DUPLICATE	ns	ns	6e
F32	11 Feb 2015	80	ZV	LAB DUPLICATE	ns	ns	<2
F34	11 Feb 2015	60	ZV	LAB DUPLICATE	ns	ns	<2

ns = not sampled

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