



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

(Point Loma Metropolitan Wastewater Treatment Plant)

NPDES Permit No. CA0107409

## August 2015



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





THE CITY OF SAN DIEGO

September 30, 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 August 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,

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

TDS:asb

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 August 2015, each of the eight shore stations was in compliance with the water-contact standards specified in the Ocean Plan.
- Over the years, elevated bacteria levels at shore and kelp bed stations have tended to be associated with rainfall events, heavy recreational use, or the presence of seabirds or decaying kelp and surfgrass. See the City of San Diego's most recent *Point Loma Ocean Outfall Annual Receiving Waters Monitoring and Assessment Report* for details (<http://www.sandiego.gov/mwwd/environment/oceanmonitor/reports/index.shtml>).
- Nothing of sewage origin was observed at any of the shore stations.

### *Kelp Bed Stations*

- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled five times during August (i.e. August 3, 13, 19, 25, 30).

- During August, 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 13.52 to 23.86°C during the month. The difference between surface and bottom waters ranged from 1.63 to 7.15°C, indicating that the water column was stratified at the kelp bed stations during the month.
- Chlorophyll *a* concentrations ranged from 0.38 to 5.38 µg/L during August, suggesting the presence of phytoplankton blooms during the month.
- Ammonia (as nitrogen) values were ≤0.02 mg/L at all of the kelp bed stations during the month.
- Nothing of sewage origin was observed at any of the kelp bed stations.

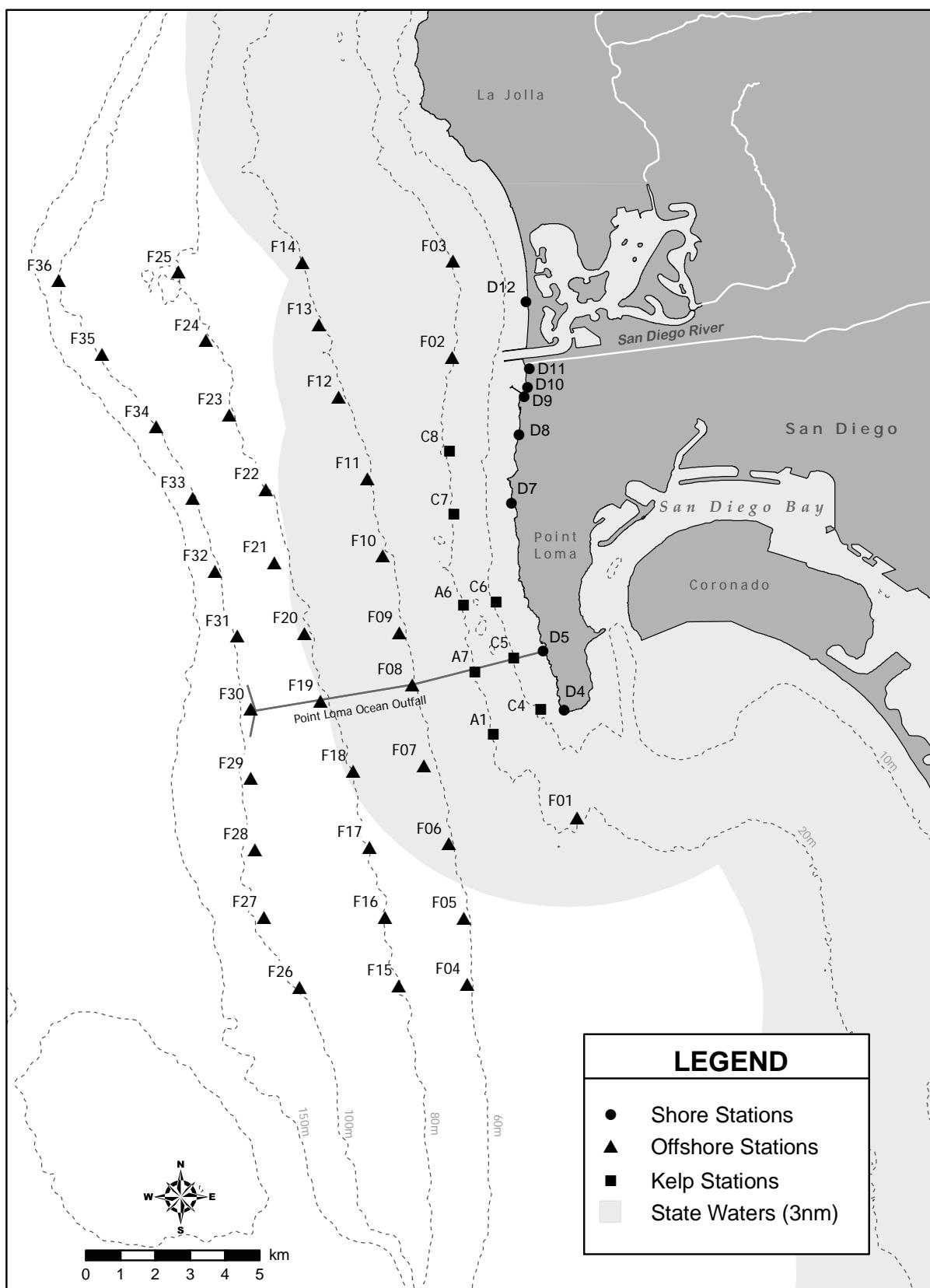
### ***Offshore Stations***

- Quarterly offshore water quality sampling was conducted on August 10, 11, and 12.
- All but 1 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 station F20 on August 11.
- All but 3 of the remaining 21 offshore stations were characterized by low densities of *Enterococcus* bacteria (i.e., <104 CFU/100 mL).
- Exceptions included samples collected on August 12 at F30 (80 m), F32 (60 m), and F33 (60, 80 m).
- During August, water column temperatures ranged from 10.95 to 22.09°C. The difference between surface and bottom waters ranged from 5.07 to 10.92°C, indicating that the water column was stratified at these stations during the month.
- Chlorophyll *a* concentrations ranged from 0.14 to 4.99 µg/L at the offshore stations during the month, suggesting the absence of phytoplankton blooms.
- CDOM data are available upon request.
- Ammonia (as nitrogen) values were ≤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 Aug 2015	8	13	13	29	23	39	101	16
02 Aug 2015	8	13	13	29	23	39	101	16
03 Aug 2015	5	13	20	25	26	32	85	16
04 Aug 2015	5	13	20	25	26	32	85	16
05 Aug 2015	5	13	20	25	26	32	85	16
06 Aug 2015	5	13	20	25	26	32	85	16
07 Aug 2015	5	13	20	25	26	32	85	16
08 Aug 2015	5	13	20	25	26	32	85	16
09 Aug 2015	8	20	20	25	36	34	98	16
10 Aug 2015	8	20	20	25	36	34	98	16
11 Aug 2015	8	20	20	25	36	34	98	16
12 Aug 2015	8	20	20	25	36	34	98	16
13 Aug 2015	8	20	20	25	36	34	98	16
14 Aug 2015	8	20	20	25	36	34	98	16
15 Aug 2015	8	20	20	25	36	34	74	16
16 Aug 2015	8	20	20	25	36	34	74	16
17 Aug 2015	8	20	20	25	36	34	74	16
18 Aug 2015	8	20	20	25	36	34	74	16
19 Aug 2015	8	20	20	25	36	34	74	16
20 Aug 2015	8	20	20	25	36	34	74	16
21 Aug 2015	13	20	20	20	18	29	36	13
22 Aug 2015	13	20	20	20	18	29	36	13
23 Aug 2015	13	20	20	20	18	29	36	13
24 Aug 2015	13	20	20	20	18	29	36	13
25 Aug 2015	13	20	20	20	18	29	36	13
26 Aug 2015	13	20	20	20	18	29	36	13
27 Aug 2015	8	20	20	20	11	29	23	13
28 Aug 2015	8	20	20	20	11	29	23	13
29 Aug 2015	8	20	20	20	11	29	23	13
30 Aug 2015	8	20	20	20	11	29	23	13
31 Aug 2015	8	20	20	20	11	29	23	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 Aug 2015	2	2	2	3	3	7	9	2
02 Aug 2015	2	2	2	3	3	7	9	2
03 Aug 2015	2	2	2	3	4	6	8	3
04 Aug 2015	2	2	2	3	4	6	8	3
05 Aug 2015	2	2	2	3	4	6	8	3
06 Aug 2015	2	2	2	3	4	6	8	3
07 Aug 2015	2	2	2	3	4	6	8	3
08 Aug 2015	2	2	2	3	4	6	8	3
09 Aug 2015	2	2	2	3	4	6	7	3
10 Aug 2015	2	2	2	3	4	6	7	3
11 Aug 2015	2	2	2	3	4	6	7	3
12 Aug 2015	2	2	2	3	4	6	7	3
13 Aug 2015	2	2	2	3	4	6	7	3
14 Aug 2015	2	2	2	3	4	6	7	3
15 Aug 2015	2	2	3	3	3	5	8	3
16 Aug 2015	2	2	3	3	3	5	8	3
17 Aug 2015	2	2	3	3	3	5	8	3
18 Aug 2015	2	2	3	3	3	5	8	3
19 Aug 2015	2	2	3	3	3	5	8	3
20 Aug 2015	2	2	3	3	3	5	8	3
21 Aug 2015	2	2	3	3	2	4	7	3
22 Aug 2015	2	2	3	3	2	4	7	3
23 Aug 2015	2	2	3	3	2	4	7	3
24 Aug 2015	2	2	3	3	2	4	7	3
25 Aug 2015	2	2	3	3	2	4	7	3
26 Aug 2015	2	2	3	3	2	4	7	3
27 Aug 2015	2	2	3	3	2	4	7	3
28 Aug 2015	2	2	3	3	2	4	7	3
29 Aug 2015	2	2	3	3	2	4	7	3
30 Aug 2015	2	2	3	3	2	4	7	3
31 Aug 2015	2	2	3	3	2	4	7	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 Aug 2015	2	2	3	3	3	4	10	3
02 Aug 2015	2	2	3	3	3	4	10	3
03 Aug 2015	2	2	3	4	4	5	10	2
04 Aug 2015	2	2	3	4	4	5	10	2
05 Aug 2015	2	2	3	4	4	5	10	2
06 Aug 2015	2	2	3	4	4	5	10	2
07 Aug 2015	2	2	3	4	4	5	10	2
08 Aug 2015	2	2	3	4	4	5	10	2
09 Aug 2015	2	2	4	4	3	5	12	2
10 Aug 2015	2	2	4	4	3	5	12	2
11 Aug 2015	2	2	4	4	3	5	12	2
12 Aug 2015	2	2	4	4	3	5	12	2
13 Aug 2015	2	2	4	4	3	5	12	2
14 Aug 2015	2	2	4	4	3	5	12	2
15 Aug 2015	2	2	3	4	2	5	9	3
16 Aug 2015	2	2	3	4	2	5	9	3
17 Aug 2015	2	2	3	4	2	5	9	3
18 Aug 2015	2	2	3	4	2	5	9	3
19 Aug 2015	2	2	3	4	2	5	9	3
20 Aug 2015	2	2	3	4	2	5	9	3
21 Aug 2015	2	2	2	4	2	6	5	3
22 Aug 2015	2	2	2	4	2	6	5	3
23 Aug 2015	2	2	2	4	2	6	5	3
24 Aug 2015	2	2	2	4	2	6	5	3
25 Aug 2015	2	2	2	4	2	6	5	3
26 Aug 2015	2	2	2	4	2	6	5	3
27 Aug 2015	2	2	3	3	2	10	6	3
28 Aug 2015	2	2	3	3	2	10	6	3
29 Aug 2015	2	2	3	3	2	10	6	3
30 Aug 2015	2	2	3	3	2	10	6	3
31 Aug 2015	2	2	3	3	2	10	6	3

\* 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
03 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
09 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
15 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
21 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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
03 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
09 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
15 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
21 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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
03 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
09 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
15 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
21 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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
03 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
09 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
15 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
21 Aug 2015	IC	IC	IC	IC	IC	IC	IC	IC
27 Aug 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	03 Aug 2015	1040	2e	<2	<2	1.00
	09 Aug 2015	1034	20e	<2	<2	0.10
	15 Aug 2015	955	<20	<2	<2	0.10
	21 Aug 2015	1020	<20	<2	2e	0.10
	27 Aug 2015	1356	<2	<2	<2	1.00
D5	03 Aug 2015	1103	<20	<2	<2	0.10
	09 Aug 2015	1034	<20	<2	2e	0.10
	15 Aug 2015	1017	<20	<2	<2	0.10
	21 Aug 2015	1031	20e	<2	2e	0.10
	27 Aug 2015	1407	<20	<2	<2	0.10
D7	03 Aug 2015	954	<20	2e	2e	0.10
	09 Aug 2015	949	<20	<2	6e	0.10
	15 Aug 2015	930	20e	12e	2e	0.60
	21 Aug 2015	933	<20	<2	<2	0.10
	27 Aug 2015	1331	<20	<2	6e	0.10
D8	03 Aug 2015	938	<20	<2	4e	0.10
	09 Aug 2015	927	<20	8e	6e	0.40
	15 Aug 2015	916	<20	<2	<2	0.10
	21 Aug 2015	920	<20	<2	<2	0.10
	27 Aug 2015	1318	20e	6e	<2	0.30
D9	03 Aug 2015	919	40e	6e	4e	0.15
	09 Aug 2015	914	20e	<2	<2	0.10
	15 Aug 2015	900	20e	<2	<2	0.10
	21 Aug 2015	907	6e	<2	<2	0.33
	27 Aug 2015	1301	2e	<2	<2	1.00
D10	03 Aug 2015	907	20e	16e	58	0.80
	09 Aug 2015	903	30e	<2	<2	0.07
	15 Aug 2015	846	<20	<2	4e	0.10
	21 Aug 2015	900	80e	12e	8e	0.15
	27 Aug 2015	1250	<20	<2	30e	0.10
D11	03 Aug 2015	855	100e	10e	34e	0.10
	09 Aug 2015	849	40e	<2	6e	0.05
	15 Aug 2015	835	<20	<20	2e	1.00
	21 Aug 2015	848	40	22e	6e	0.55
	27 Aug 2015	1238	2e	2e	4e	1.00
D12	03 Aug 2015	830	20e	<20	4e	1.00
	09 Aug 2015	830	20e	<2	<2	0.10
	15 Aug 2015	743	<20	<2	4e	0.10
	21 Aug 2015	827	<2	<2	<2	1.00
	27 Aug 2015	1221	20e	2e	<2	0.10

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	03 Aug 2015	Arrive Time	1040
D4	03 Aug 2015	Weather	Sunny
D4	03 Aug 2015	Wind Speed (kts)	2.9
D4	03 Aug 2015	Wind Dir	W
D4	03 Aug 2015	Animal Life	None
D4	03 Aug 2015	Floatables	None
D4	03 Aug 2015	Water Color	Green
D4	03 Aug 2015	Current Direction	W
D4	03 Aug 2015	Wave Height Low (ft)	2
D4	03 Aug 2015	High Tide (ft)	5.1
D4	03 Aug 2015	High Tide Time	1214
D4	03 Aug 2015	Low Tide (ft)	-0.4
D4	03 Aug 2015	Low Tide Time	558
D4	03 Aug 2015	Comments	Kelp; Seagrass; Algae; Water clear
D4	09 Aug 2015	Arrive Time	1034
D4	09 Aug 2015	Weather	Cloudy
D4	09 Aug 2015	Wind Speed (kts)	4.3
D4	09 Aug 2015	Wind Dir	W
D4	09 Aug 2015	Animal Life	None
D4	09 Aug 2015	Floatables	None
D4	09 Aug 2015	Water Color	Green
D4	09 Aug 2015	Current Direction	W
D4	09 Aug 2015	Wave Height Low (ft)	2
D4	09 Aug 2015	High Tide (ft)	3.6
D4	09 Aug 2015	High Tide Time	707
D4	09 Aug 2015	Low Tide (ft)	2.1
D4	09 Aug 2015	Low Tide Time	1200
D4	09 Aug 2015	Comments	Kelp; Seagrass; Algae; Water clear
D4	15 Aug 2015	Arrive Time	955
D4	15 Aug 2015	Weather	Sunny
D4	15 Aug 2015	Wind Speed (kts)	3
D4	15 Aug 2015	Wind Dir	W
D4	15 Aug 2015	Animal Life	None
D4	15 Aug 2015	Floatables	None
D4	15 Aug 2015	Water Color	Green
D4	15 Aug 2015	Current Direction	W
D4	15 Aug 2015	Wave Height Low (ft)	3
D4	15 Aug 2015	High Tide (ft)	4.6
D4	15 Aug 2015	High Tide Time	1035
D4	15 Aug 2015	Low Tide (ft)	-0.1
D4	15 Aug 2015	Low Tide Time	426
D4	15 Aug 2015	Comments	Kelp; Seagrass; 1 Surfer; Water turbid; Two cayakers

Station	Date	Parameter	Value
D4	21 Aug 2015	Arrive Time	1020
	21 Aug 2015	Weather	Overcast
	21 Aug 2015	Wind Speed (kts)	3.6
	21 Aug 2015	Wind Dir	W
	21 Aug 2015	Animal Life	None
	21 Aug 2015	Floatables	None
	21 Aug 2015	Water Color	Green
	21 Aug 2015	Current Direction	W
	21 Aug 2015	Wave Height Low (ft)	2
	21 Aug 2015	High Tide (ft)	4.4
	21 Aug 2015	High Tide Time	1403
	21 Aug 2015	Low Tide (ft)	2
	21 Aug 2015	Low Tide Time	710
	21 Aug 2015	Comments	Kelp; Seagrass; Water clear
D4	27 Aug 2015	Arrive Time	1356
	27 Aug 2015	Weather	Sunny
	27 Aug 2015	Wind Speed (kts)	3.3
	27 Aug 2015	Wind Dir	W
	27 Aug 2015	Animal Life	None
	27 Aug 2015	Floatables	None
	27 Aug 2015	Water Color	Green
	27 Aug 2015	Current Direction	W
	27 Aug 2015	Wave Height Low (ft)	1
	27 Aug 2015	High Tide (ft)	4.5
	27 Aug 2015	High Tide Time	826
	27 Aug 2015	Low Tide (ft)	1.4
	27 Aug 2015	Low Tide Time	1355
	27 Aug 2015	Comments	Water clear
D5	03 Aug 2015	Arrive Time	1103
	03 Aug 2015	Weather	Sunny
	03 Aug 2015	Wind Speed (kts)	2.2
	03 Aug 2015	Wind Dir	W
	03 Aug 2015	Animal Life	None
	03 Aug 2015	Floatables	None
	03 Aug 2015	Water Color	Green
	03 Aug 2015	Current Direction	W
	03 Aug 2015	Wave Height Low (ft)	1
	03 Aug 2015	High Tide (ft)	5.1
	03 Aug 2015	High Tide Time	1214
	03 Aug 2015	Low Tide (ft)	-0.4
	03 Aug 2015	Low Tide Time	558
	03 Aug 2015	Comments	Kelp; Water clear
D5	09 Aug 2015	Arrive Time	1034
	09 Aug 2015	Weather	Cloudy
	09 Aug 2015	Wind Speed (kts)	4.3

Station	Date	Parameter	Value
D5	09 Aug 2015	Wind Dir	W
D5	09 Aug 2015	Animal Life	None
D5	09 Aug 2015	Floatables	None
D5	09 Aug 2015	Water Color	Green
D5	09 Aug 2015	Current Direction	W
D5	09 Aug 2015	Wave Height Low (ft)	2
D5	09 Aug 2015	High Tide (ft)	3.6
D5	09 Aug 2015	High Tide Time	707
D5	09 Aug 2015	Low Tide (ft)	2.1
D5	09 Aug 2015	Low Tide Time	1200
D5	09 Aug 2015	Comments	Kelp; Seagrass; Algae; Water clear
D5	15 Aug 2015	Arrive Time	1017
D5	15 Aug 2015	Weather	Sunny
D5	15 Aug 2015	Wind Speed (kts)	5
D5	15 Aug 2015	Wind Dir	W
D5	15 Aug 2015	Animal Life	None
D5	15 Aug 2015	Floatables	None
D5	15 Aug 2015	Water Color	Green
D5	15 Aug 2015	Current Direction	W
D5	15 Aug 2015	Wave Height Low (ft)	4
D5	15 Aug 2015	High Tide (ft)	4.6
D5	15 Aug 2015	High Tide Time	1035
D5	15 Aug 2015	Low Tide (ft)	-0.1
D5	15 Aug 2015	Low Tide Time	426
D5	15 Aug 2015	Comments	Kelp; Seagrass; Water turbid
D5	21 Aug 2015	Arrive Time	1031
D5	21 Aug 2015	Weather	Overcast
D5	21 Aug 2015	Wind Speed (kts)	1.7
D5	21 Aug 2015	Wind Dir	W
D5	21 Aug 2015	Animal Life	None
D5	21 Aug 2015	Floatables	None
D5	21 Aug 2015	Water Color	Green
D5	21 Aug 2015	Current Direction	W
D5	21 Aug 2015	Wave Height Low (ft)	2
D5	21 Aug 2015	High Tide (ft)	4.4
D5	21 Aug 2015	High Tide Time	1403
D5	21 Aug 2015	Low Tide (ft)	2
D5	21 Aug 2015	Low Tide Time	710
D5	21 Aug 2015	Comments	Water clear
D5	27 Aug 2015	Arrive Time	1407
D5	27 Aug 2015	Weather	Sunny
D5	27 Aug 2015	Wind Speed (kts)	3.1
D5	27 Aug 2015	Wind Dir	W
D5	27 Aug 2015	Animal Life	None
D5	27 Aug 2015	Floatables	None
D5	27 Aug 2015	Water Color	Green

Station	Date	Parameter	Value
D5	27 Aug 2015	Current Direction	W
D5	27 Aug 2015	Wave Height Low (ft)	2
D5	27 Aug 2015	High Tide (ft)	4.5
D5	27 Aug 2015	High Tide Time	826
D5	27 Aug 2015	Low Tide (ft)	1.4
D5	27 Aug 2015	Low Tide Time	1355
D5	27 Aug 2015	Comments	Water clear
D7	03 Aug 2015	Arrive Time	954
D7	03 Aug 2015	Weather	Sunny
D7	03 Aug 2015	Wind Speed (kts)	1.9
D7	03 Aug 2015	Wind Dir	SW
D7	03 Aug 2015	Animal Life	None
D7	03 Aug 2015	Floatables	None
D7	03 Aug 2015	Water Color	Green
D7	03 Aug 2015	Current Direction	SW
D7	03 Aug 2015	Wave Height Low (ft)	2
D7	03 Aug 2015	High Tide (ft)	5.1
D7	03 Aug 2015	High Tide Time	1214
D7	03 Aug 2015	Low Tide (ft)	-0.4
D7	03 Aug 2015	Low Tide Time	558
D7	03 Aug 2015	Comments	Kelp; Seagrass; Algae; 1 Surfer; Water clear
D7	09 Aug 2015	Arrive Time	949
D7	09 Aug 2015	Weather	Cloudy
D7	09 Aug 2015	Wind Speed (kts)	1.5
D7	09 Aug 2015	Wind Dir	SW
D7	09 Aug 2015	Animal Life	None
D7	09 Aug 2015	Floatables	None
D7	09 Aug 2015	Water Color	Green
D7	09 Aug 2015	Current Direction	SW
D7	09 Aug 2015	Wave Height Low (ft)	1
D7	09 Aug 2015	High Tide (ft)	3.6
D7	09 Aug 2015	High Tide Time	707
D7	09 Aug 2015	Low Tide (ft)	2.1
D7	09 Aug 2015	Low Tide Time	1200
D7	09 Aug 2015	Comments	Kelp; Seagrass; 1 Person; Water clear
D7	15 Aug 2015	Arrive Time	930
D7	15 Aug 2015	Weather	Sunny
D7	15 Aug 2015	Wind Speed (kts)	3
D7	15 Aug 2015	Wind Dir	W
D7	15 Aug 2015	Animal Life	None
D7	15 Aug 2015	Floatables	None
D7	15 Aug 2015	Water Color	Green
D7	15 Aug 2015	Current Direction	W
D7	15 Aug 2015	Wave Height Low (ft)	3
D7	15 Aug 2015	High Tide (ft)	4.6

Station	Date	Parameter	Value
D7	15 Aug 2015	High Tide Time	1035
D7	15 Aug 2015	Low Tide (ft)	-0.1
D7	15 Aug 2015	Low Tide Time	426
D7	15 Aug 2015	Comments	Kelp; Seagrass; 5 Swimmers; Water turbid
D7	21 Aug 2015	Arrive Time	933
D7	21 Aug 2015	Weather	Overcast
D7	21 Aug 2015	Wind Speed (kts)	2.1
D7	21 Aug 2015	Wind Dir	W
D7	21 Aug 2015	Animal Life	None
D7	21 Aug 2015	Floatables	None
D7	21 Aug 2015	Water Color	Green
D7	21 Aug 2015	Current Direction	W
D7	21 Aug 2015	Wave Height Low (ft)	2
D7	21 Aug 2015	High Tide (ft)	4.4
D7	21 Aug 2015	High Tide Time	1403
D7	21 Aug 2015	Low Tide (ft)	2
D7	21 Aug 2015	Low Tide Time	710
D7	21 Aug 2015	Comments	Kelp; Seagrass; Water clear
D7	27 Aug 2015	Arrive Time	1331
D7	27 Aug 2015	Weather	Sunny
D7	27 Aug 2015	Wind Speed (kts)	4.4
D7	27 Aug 2015	Wind Dir	W
D7	27 Aug 2015	Animal Life	None
D7	27 Aug 2015	Floatables	None
D7	27 Aug 2015	Water Color	Green
D7	27 Aug 2015	Current Direction	W
D7	27 Aug 2015	Wave Height Low (ft)	2
D7	27 Aug 2015	High Tide (ft)	4.5
D7	27 Aug 2015	High Tide Time	826
D7	27 Aug 2015	Low Tide (ft)	1.4
D7	27 Aug 2015	Low Tide Time	1355
D7	27 Aug 2015	Comments	3 Surfers; Water clear
D8	03 Aug 2015	Arrive Time	938
D8	03 Aug 2015	Weather	Sunny
D8	03 Aug 2015	Wind Speed (kts)	4
D8	03 Aug 2015	Wind Dir	W
D8	03 Aug 2015	Animal Life	None
D8	03 Aug 2015	Floatables	None
D8	03 Aug 2015	Water Color	Green
D8	03 Aug 2015	Current Direction	W
D8	03 Aug 2015	Wave Height Low (ft)	2
D8	03 Aug 2015	High Tide (ft)	5.1
D8	03 Aug 2015	High Tide Time	1214
D8	03 Aug 2015	Low Tide (ft)	-0.4
D8	03 Aug 2015	Low Tide Time	558
D8	03 Aug 2015	Comments	Kelp; Seagrass; Water clear

Station	Date	Parameter	Value
D8	09 Aug 2015	Arrive Time	927
D8	09 Aug 2015	Weather	Cloudy
D8	09 Aug 2015	Wind Speed (kts)	1.2
D8	09 Aug 2015	Wind Dir	SW
D8	09 Aug 2015	Animal Life	None
D8	09 Aug 2015	Floatables	None
D8	09 Aug 2015	Water Color	Green
D8	09 Aug 2015	Current Direction	SW
D8	09 Aug 2015	Wave Height Low (ft)	1
D8	09 Aug 2015	High Tide (ft)	3.6
D8	09 Aug 2015	High Tide Time	707
D8	09 Aug 2015	Low Tide (ft)	2.1
D8	09 Aug 2015	Low Tide Time	1200
D8	09 Aug 2015	Comments	Kelp; Seagrass; Water turbid; Site super saturated with kelp
D8	15 Aug 2015	Arrive Time	916
D8	15 Aug 2015	Weather	Sunny
D8	15 Aug 2015	Wind Speed (kts)	3
D8	15 Aug 2015	Wind Dir	W
D8	15 Aug 2015	Animal Life	None
D8	15 Aug 2015	Floatables	None
D8	15 Aug 2015	Water Color	Green
D8	15 Aug 2015	Current Direction	W
D8	15 Aug 2015	Wave Height Low (ft)	3
D8	15 Aug 2015	High Tide (ft)	4.6
D8	15 Aug 2015	High Tide Time	1035
D8	15 Aug 2015	Low Tide (ft)	-0.1
D8	15 Aug 2015	Low Tide Time	426
D8	15 Aug 2015	Comments	Kelp; Seagrass; 3 Persons; Two dogs and slippery green slime on rocks
D8	21 Aug 2015	Arrive Time	920
D8	21 Aug 2015	Weather	Overcast
D8	21 Aug 2015	Wind Speed (kts)	3.3
D8	21 Aug 2015	Wind Dir	W
D8	21 Aug 2015	Animal Life	None
D8	21 Aug 2015	Floatables	None
D8	21 Aug 2015	Water Color	Green
D8	21 Aug 2015	Current Direction	W
D8	21 Aug 2015	Wave Height Low (ft)	3
D8	21 Aug 2015	High Tide (ft)	4.4
D8	21 Aug 2015	High Tide Time	1403
D8	21 Aug 2015	Low Tide (ft)	2
D8	21 Aug 2015	Low Tide Time	710
D8	21 Aug 2015	Comments	Kelp; Seagrass; 2 Persons; Water clear
D8	27 Aug 2015	Arrive Time	1318

Station	Date	Parameter	Value
D8	27 Aug 2015	Weather	Sunny
D8	27 Aug 2015	Wind Speed (kts)	6.6
D8	27 Aug 2015	Wind Dir	W
D8	27 Aug 2015	Animal Life	None
D8	27 Aug 2015	Floatables	None
D8	27 Aug 2015	Water Color	Green
D8	27 Aug 2015	Current Direction	W
D8	27 Aug 2015	Wave Height Low (ft)	2
D8	27 Aug 2015	High Tide (ft)	4.5
D8	27 Aug 2015	High Tide Time	826
D8	27 Aug 2015	Low Tide (ft)	1.4
D8	27 Aug 2015	Low Tide Time	1355
D8	27 Aug 2015	Comments	Kelp; Seagrass; 19 Persons; Water clear
D9	03 Aug 2015	Arrive Time	919
D9	03 Aug 2015	Weather	Sunny
D9	03 Aug 2015	Wind Speed (kts)	4
D9	03 Aug 2015	Wind Dir	SW
D9	03 Aug 2015	Animal Life	None
D9	03 Aug 2015	Floatables	None
D9	03 Aug 2015	Water Color	Green
D9	03 Aug 2015	Current Direction	SW
D9	03 Aug 2015	Wave Height Low (ft)	2
D9	03 Aug 2015	High Tide (ft)	5.1
D9	03 Aug 2015	High Tide Time	1214
D9	03 Aug 2015	Low Tide (ft)	-0.4
D9	03 Aug 2015	Low Tide Time	558
D9	03 Aug 2015	Comments	Kelp; Seagrass; Algae; Water clear
D9	09 Aug 2015	Arrive Time	914
D9	09 Aug 2015	Weather	Cloudy
D9	09 Aug 2015	Wind Speed (kts)	1.7
D9	09 Aug 2015	Wind Dir	SW
D9	09 Aug 2015	Animal Life	None
D9	09 Aug 2015	Floatables	None
D9	09 Aug 2015	Water Color	Green
D9	09 Aug 2015	Current Direction	SW
D9	09 Aug 2015	Wave Height Low (ft)	2
D9	09 Aug 2015	High Tide (ft)	3.6
D9	09 Aug 2015	High Tide Time	707
D9	09 Aug 2015	Low Tide (ft)	2.1
D9	09 Aug 2015	Low Tide Time	1200
D9	09 Aug 2015	Comments	Kelp; Seagrass; Algae; Water clear
D9	15 Aug 2015	Arrive Time	900
D9	15 Aug 2015	Weather	Sunny
D9	15 Aug 2015	Wind Speed (kts)	2
D9	15 Aug 2015	Wind Dir	W
D9	15 Aug 2015	Animal Life	None

Station	Date	Parameter	Value
D9	15 Aug 2015	Floatables	None
D9	15 Aug 2015	Water Color	Green
D9	15 Aug 2015	Current Direction	W
D9	15 Aug 2015	Wave Height Low (ft)	3
D9	15 Aug 2015	High Tide (ft)	4.6
D9	15 Aug 2015	High Tide Time	1035
D9	15 Aug 2015	Low Tide (ft)	-0.1
D9	15 Aug 2015	Low Tide Time	426
D9	15 Aug 2015	Comments	Kelp; Seagrass; 1 Surfer; Water turbid
D9	21 Aug 2015	Arrive Time	907
D9	21 Aug 2015	Weather	Overcast
D9	21 Aug 2015	Wind Speed (kts)	3.4
D9	21 Aug 2015	Wind Dir	W
D9	21 Aug 2015	Animal Life	None
D9	21 Aug 2015	Floatables	None
D9	21 Aug 2015	Water Color	Green
D9	21 Aug 2015	Current Direction	W
D9	21 Aug 2015	Wave Height Low (ft)	2
D9	21 Aug 2015	High Tide (ft)	4.4
D9	21 Aug 2015	High Tide Time	1403
D9	21 Aug 2015	Low Tide (ft)	2
D9	21 Aug 2015	Low Tide Time	710
D9	21 Aug 2015	Comments	6 Persons; Water clear
D9	27 Aug 2015	Arrive Time	1301
D9	27 Aug 2015	Weather	Sunny
D9	27 Aug 2015	Wind Speed (kts)	3.6
D9	27 Aug 2015	Wind Dir	W
D9	27 Aug 2015	Animal Life	None
D9	27 Aug 2015	Floatables	None
D9	27 Aug 2015	Water Color	Green
D9	27 Aug 2015	Current Direction	W
D9	27 Aug 2015	Wave Height Low (ft)	2
D9	27 Aug 2015	High Tide (ft)	4.5
D9	27 Aug 2015	High Tide Time	826
D9	27 Aug 2015	Low Tide (ft)	1.4
D9	27 Aug 2015	Low Tide Time	1355
D9	27 Aug 2015	Comments	Kelp; Seagrass; 5 Persons; Water clear
D10	03 Aug 2015	Arrive Time	907
D10	03 Aug 2015	Weather	Sunny
D10	03 Aug 2015	Wind Speed (kts)	3.2
D10	03 Aug 2015	Wind Dir	W
D10	03 Aug 2015	Animal Life	None
D10	03 Aug 2015	Floatables	None
D10	03 Aug 2015	Water Color	Green
D10	03 Aug 2015	Current Direction	W
D10	03 Aug 2015	Wave Height Low (ft)	2

Station	Date	Parameter	Value
D10	03 Aug 2015	High Tide (ft)	5.1
D10	03 Aug 2015	High Tide Time	1214
D10	03 Aug 2015	Low Tide (ft)	-0.4
D10	03 Aug 2015	Low Tide Time	558
D10	03 Aug 2015	Comments	Kelp; Seagrass; 4 Persons; Water clear
D10	09 Aug 2015	Arrive Time	903
D10	09 Aug 2015	Weather	Cloudy
D10	09 Aug 2015	Wind Speed (kts)	2.3
D10	09 Aug 2015	Wind Dir	SW
D10	09 Aug 2015	Animal Life	None
D10	09 Aug 2015	Floatables	None
D10	09 Aug 2015	Water Color	Green
D10	09 Aug 2015	Current Direction	SW
D10	09 Aug 2015	Wave Height Low (ft)	3
D10	09 Aug 2015	High Tide (ft)	3.6
D10	09 Aug 2015	High Tide Time	707
D10	09 Aug 2015	Low Tide (ft)	2.1
D10	09 Aug 2015	Low Tide Time	1200
D10	09 Aug 2015	Comments	Kelp; Seagrass; 2 Persons; 4 Surfers; Water clear
D10	15 Aug 2015	Arrive Time	846
D10	15 Aug 2015	Weather	Sunny
D10	15 Aug 2015	Wind Speed (kts)	2
D10	15 Aug 2015	Wind Dir	W
D10	15 Aug 2015	Animal Life	None
D10	15 Aug 2015	Floatables	None
D10	15 Aug 2015	Water Color	Green
D10	15 Aug 2015	Current Direction	W
D10	15 Aug 2015	Wave Height Low (ft)	2
D10	15 Aug 2015	High Tide (ft)	4.6
D10	15 Aug 2015	High Tide Time	1035
D10	15 Aug 2015	Low Tide (ft)	-0.1
D10	15 Aug 2015	Low Tide Time	426
D10	15 Aug 2015	Comments	Kelp; Seagrass; 20 Surfers; 20 Swimmers; Water turbid
D10	21 Aug 2015	Arrive Time	900
D10	21 Aug 2015	Weather	Overcast
D10	21 Aug 2015	Wind Speed (kts)	3.4
D10	21 Aug 2015	Wind Dir	W
D10	21 Aug 2015	Animal Life	10 Birds
D10	21 Aug 2015	Floatables	None
D10	21 Aug 2015	Water Color	Green
D10	21 Aug 2015	Current Direction	W
D10	21 Aug 2015	Wave Height Low (ft)	3
D10	21 Aug 2015	High Tide (ft)	4.4
D10	21 Aug 2015	High Tide Time	1403

Station	Date	Parameter	Value
D10	21 Aug 2015	Low Tide (ft)	2
D10	21 Aug 2015	Low Tide Time	710
D10	21 Aug 2015	Comments	Kelp; Seagrass; 8 Persons; 4 Surfers; Water clear
D10	27 Aug 2015	Arrive Time	1250
D10	27 Aug 2015	Weather	Sunny
D10	27 Aug 2015	Wind Speed (kts)	7.1
D10	27 Aug 2015	Wind Dir	W
D10	27 Aug 2015	Animal Life	1 Bird; 1 Dog
D10	27 Aug 2015	Floatables	None
D10	27 Aug 2015	Water Color	Green
D10	27 Aug 2015	Current Direction	W
D10	27 Aug 2015	Wave Height Low (ft)	2
D10	27 Aug 2015	High Tide (ft)	4.5
D10	27 Aug 2015	High Tide Time	826
D10	27 Aug 2015	Low Tide (ft)	1.4
D10	27 Aug 2015	Low Tide Time	1355
D10	27 Aug 2015	Comments	Kelp; Seagrass; 22 Persons; 4 Surfers; Water clear
D11	03 Aug 2015	Arrive Time	855
D11	03 Aug 2015	Weather	Partly Cloudy
D11	03 Aug 2015	Wind Speed (kts)	1.2
D11	03 Aug 2015	Wind Dir	SW
D11	03 Aug 2015	Animal Life	None
D11	03 Aug 2015	Floatables	None
D11	03 Aug 2015	Water Color	Green
D11	03 Aug 2015	Current Direction	SW
D11	03 Aug 2015	Wave Height Low (ft)	2
D11	03 Aug 2015	High Tide (ft)	5.1
D11	03 Aug 2015	High Tide Time	1214
D11	03 Aug 2015	Low Tide (ft)	-0.4
D11	03 Aug 2015	Low Tide Time	558
D11	03 Aug 2015	Comments	Kelp; Seagrass; 1 Jogger; 1 Surfer; Water clear
D11	09 Aug 2015	Arrive Time	849
D11	09 Aug 2015	Weather	Cloudy
D11	09 Aug 2015	Wind Speed (kts)	2.3
D11	09 Aug 2015	Wind Dir	SW
D11	09 Aug 2015	Animal Life	None
D11	09 Aug 2015	Floatables	None
D11	09 Aug 2015	Water Color	Green
D11	09 Aug 2015	Current Direction	SW
D11	09 Aug 2015	Wave Height Low (ft)	3
D11	09 Aug 2015	High Tide (ft)	3.6
D11	09 Aug 2015	High Tide Time	707
D11	09 Aug 2015	Low Tide (ft)	2.1

Station	Date	Parameter	Value
D11	09 Aug 2015	Low Tide Time	1200
D11	09 Aug 2015	Comments	Kelp; Seagrass; 1 Jogger; 2 Persons; 6 Surfers; Water clear
D11	15 Aug 2015	Arrive Time	835
D11	15 Aug 2015	Weather	Sunny
D11	15 Aug 2015	Wind Speed (kts)	2
D11	15 Aug 2015	Wind Dir	W
D11	15 Aug 2015	Animal Life	None
D11	15 Aug 2015	Floatables	None
D11	15 Aug 2015	Water Color	Green
D11	15 Aug 2015	Current Direction	W
D11	15 Aug 2015	Wave Height Low (ft)	2
D11	15 Aug 2015	High Tide (ft)	4.6
D11	15 Aug 2015	High Tide Time	1035
D11	15 Aug 2015	Low Tide (ft)	-0.1
D11	15 Aug 2015	Low Tide Time	426
D11	15 Aug 2015	Comments	Kelp; Seagrass; 20 Surfers; 20 Swimmers; Water turbid
D11	21 Aug 2015	Arrive Time	848
D11	21 Aug 2015	Weather	Overcast
D11	21 Aug 2015	Wind Speed (kts)	2.6
D11	21 Aug 2015	Wind Dir	W
D11	21 Aug 2015	Animal Life	1 Dog
D11	21 Aug 2015	Floatables	None
D11	21 Aug 2015	Water Color	Green
D11	21 Aug 2015	Current Direction	W
D11	21 Aug 2015	Wave Height Low (ft)	3
D11	21 Aug 2015	High Tide (ft)	4.4
D11	21 Aug 2015	High Tide Time	1403
D11	21 Aug 2015	Low Tide (ft)	2
D11	21 Aug 2015	Low Tide Time	710
D11	21 Aug 2015	Comments	Kelp; Seagrass; 4 Persons; 2 Surfers; Water clear
D11	27 Aug 2015	Arrive Time	1238
D11	27 Aug 2015	Weather	Sunny
D11	27 Aug 2015	Wind Speed (kts)	4.6
D11	27 Aug 2015	Wind Dir	W
D11	27 Aug 2015	Animal Life	None
D11	27 Aug 2015	Floatables	None
D11	27 Aug 2015	Water Color	Green
D11	27 Aug 2015	Current Direction	W
D11	27 Aug 2015	Wave Height Low (ft)	2
D11	27 Aug 2015	High Tide (ft)	4.5
D11	27 Aug 2015	High Tide Time	826
D11	27 Aug 2015	Low Tide (ft)	1.4
D11	27 Aug 2015	Low Tide Time	1355

Station	Date	Parameter	Value
D11	27 Aug 2015	Comments	Kelp; Seagrass; 16 Persons; 7 Surfers; Water clear
D12	03 Aug 2015	Arrive Time	830
D12	03 Aug 2015	Weather	Overcast
D12	03 Aug 2015	Wind Speed (kts)	0.9
D12	03 Aug 2015	Wind Dir	SW
D12	03 Aug 2015	Animal Life	None
D12	03 Aug 2015	Floatables	None
D12	03 Aug 2015	Water Color	Green
D12	03 Aug 2015	Current Direction	SW
D12	03 Aug 2015	Wave Height Low (ft)	2
D12	03 Aug 2015	High Tide (ft)	5.1
D12	03 Aug 2015	High Tide Time	1214
D12	03 Aug 2015	Low Tide (ft)	-0.4
D12	03 Aug 2015	Low Tide Time	558
D12	03 Aug 2015	Comments	Kelp; Seagrass; 1 Surfer; Water clear
D12	09 Aug 2015	Arrive Time	830
D12	09 Aug 2015	Weather	Cloudy
D12	09 Aug 2015	Wind Speed (kts)	3.3
D12	09 Aug 2015	Wind Dir	SW
D12	09 Aug 2015	Animal Life	None
D12	09 Aug 2015	Floatables	None
D12	09 Aug 2015	Water Color	Green
D12	09 Aug 2015	Current Direction	SW
D12	09 Aug 2015	Wave Height Low (ft)	3
D12	09 Aug 2015	High Tide (ft)	3.6
D12	09 Aug 2015	High Tide Time	707
D12	09 Aug 2015	Low Tide (ft)	2.1
D12	09 Aug 2015	Low Tide Time	1200
D12	09 Aug 2015	Comments	Kelp; Seagrass; 1 Person; 2 Surfers; Water clear
D12	15 Aug 2015	Arrive Time	743
D12	15 Aug 2015	Weather	Sunny
D12	15 Aug 2015	Wind Speed (kts)	2
D12	15 Aug 2015	Wind Dir	W
D12	15 Aug 2015	Animal Life	None
D12	15 Aug 2015	Floatables	None
D12	15 Aug 2015	Water Color	Green
D12	15 Aug 2015	Current Direction	W
D12	15 Aug 2015	Wave Height Low (ft)	2
D12	15 Aug 2015	High Tide (ft)	4.6
D12	15 Aug 2015	High Tide Time	1035
D12	15 Aug 2015	Low Tide (ft)	-0.1
D12	15 Aug 2015	Low Tide Time	426
D12	15 Aug 2015	Comments	Kelp; Seagrass; Water turbid

Station	Date	Parameter	Value
D12	21 Aug 2015	Arrive Time	827
D12	21 Aug 2015	Weather	Overcast
D12	21 Aug 2015	Wind Speed (kts)	3.3
D12	21 Aug 2015	Wind Dir	W
D12	21 Aug 2015	Animal Life	3 Birds
D12	21 Aug 2015	Floatables	None
D12	21 Aug 2015	Water Color	Green
D12	21 Aug 2015	Current Direction	W
D12	21 Aug 2015	Wave Height Low (ft)	3
D12	21 Aug 2015	High Tide (ft)	4.4
D12	21 Aug 2015	High Tide Time	1403
D12	21 Aug 2015	Low Tide (ft)	2
D12	21 Aug 2015	Low Tide Time	710
D12	21 Aug 2015	Comments	Kelp; Seagrass; 4 Persons; 2 Surfers; 2 Swimmers; Water clear
D12	27 Aug 2015	Arrive Time	1221
D12	27 Aug 2015	Weather	Sunny
D12	27 Aug 2015	Wind Speed (kts)	5
D12	27 Aug 2015	Wind Dir	W
D12	27 Aug 2015	Animal Life	None
D12	27 Aug 2015	Floatables	None
D12	27 Aug 2015	Water Color	Green
D12	27 Aug 2015	Current Direction	W
D12	27 Aug 2015	Wave Height Low (ft)	2
D12	27 Aug 2015	High Tide (ft)	4.5
D12	27 Aug 2015	High Tide Time	826
D12	27 Aug 2015	Low Tide (ft)	1.4
D12	27 Aug 2015	Low Tide Time	1355
D12	27 Aug 2015	Comments	Kelp; Seagrass; 21 Persons

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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 Aug 2015	9	3	5	3	3	3	2	2
02 Aug 2015	9	3	5	3	3	3	2	2
03 Aug 2015	7	3	4	3	3	3	3	3
04 Aug 2015	7	3	4	3	3	3	3	3
05 Aug 2015	7	3	4	3	3	3	3	3
06 Aug 2015	7	3	4	3	3	3	3	3
07 Aug 2015	7	3	4	3	3	3	3	3
08 Aug 2015	7	3	4	3	3	3	3	3
09 Aug 2015	7	3	4	3	3	3	3	3
10 Aug 2015	9	3	5	3	3	3	3	3
11 Aug 2015	9	3	5	3	3	3	3	3
12 Aug 2015	7*	3*	4*	3*	3*	3*	3*	3*
13 Aug 2015	5	3	4	3	3	3	3	3
14 Aug 2015	5	3	4	3	3	3	3	3
15 Aug 2015	5	3	4	3	3	3	3	3
16 Aug 2015	3*	3*	3*	3*	3*	2*	3*	3*
17 Aug 2015	3*	3*	3*	3*	3*	2*	3*	3*
18 Aug 2015	3*	3*	3*	3*	3*	2*	3*	3*
19 Aug 2015	3	3	3	3	3	2	3	3
20 Aug 2015	3	3	3	3	3	2	3	3
21 Aug 2015	2*	2*	2*	2*	2*	2*	3*	3*
22 Aug 2015	2*	2*	2*	2*	2*	2*	3*	3*
23 Aug 2015	2*	2*	2*	2*	2*	2*	3*	3*
24 Aug 2015	2*	2*	2*	2*	2*	2*	3*	3*
25 Aug 2015	2	2	2	2	2	2	3	3
26 Aug 2015	2	2	2	2	2	2	3	3
27 Aug 2015	2	2	2	2	2	2	3	3
28 Aug 2015	2*	2*	2*	2*	2*	2*	3*	3*
29 Aug 2015	2*	2*	2*	2*	2*	2*	3*	3*
30 Aug 2015	2	2	2	3	2	2	3	3
31 Aug 2015	2	2	2	3	2	2	3	3

\* 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 Aug 2015	2	2	2	2	2	2	2	2
02 Aug 2015	2	2	2	2	2	2	2	2
03 Aug 2015	2	2	2	2	2	2	2	2
04 Aug 2015	2	2	2	2	2	2	2	2
05 Aug 2015	2	2	2	2	2	2	2	2
06 Aug 2015	2	2	2	2	2	2	2	2
07 Aug 2015	2	2	2	2	2	2	2	2
08 Aug 2015	2	2	2	2	2	2	2	2
09 Aug 2015	2	2	2	2	2	2	2	2
10 Aug 2015	2	2	2	2	2	2	2	2
11 Aug 2015	2	2	2	2	2	2	2	2
12 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
13 Aug 2015	2	2	2	2	2	2	2	2
14 Aug 2015	2	2	2	2	2	2	2	2
15 Aug 2015	2	2	2	2	2	2	2	2
16 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
17 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
18 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
19 Aug 2015	2	2	2	2	2	2	2	2
20 Aug 2015	2	2	2	2	2	2	2	2
21 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
22 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
23 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
24 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
25 Aug 2015	2	2	2	2	2	2	2	2
26 Aug 2015	2	2	2	2	2	2	2	2
27 Aug 2015	2	2	2	2	2	2	2	2
28 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
29 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
30 Aug 2015	2	2	2	2	2	2	2	2
31 Aug 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 Aug 2015	2	2	2	2	2	2	2	2
02 Aug 2015	2	2	2	2	2	2	2	2
03 Aug 2015	2	2	2	2	2	2	2	2
04 Aug 2015	2	2	2	2	2	2	2	2
05 Aug 2015	2	2	2	2	2	2	2	2
06 Aug 2015	2	2	2	2	2	2	2	2
07 Aug 2015	2	2	2	2	2	2	2	2
08 Aug 2015	2	2	2	2	2	2	2	2
09 Aug 2015	2	2	2	2	2	2	2	2
10 Aug 2015	2	2	2	2	2	2	2	2
11 Aug 2015	2	2	2	2	2	2	2	2
12 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
13 Aug 2015	2	2	2	2	2	2	2	2
14 Aug 2015	2	2	2	2	2	2	2	2
15 Aug 2015	2	2	2	2	2	2	2	2
16 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
17 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
18 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
19 Aug 2015	2	2	2	2	2	2	2	2
20 Aug 2015	2	2	2	2	2	2	2	2
21 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
22 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
23 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
24 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
25 Aug 2015	2	2	2	2	2	2	2	2
26 Aug 2015	2	2	2	2	2	2	2	2
27 Aug 2015	2	2	2	2	2	2	2	2
28 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
29 Aug 2015	2*	2*	2*	2*	2*	2*	2*	2*
30 Aug 2015	2	2	2	2	2	2	2	2
31 Aug 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
03 Aug 2015	IC							
13 Aug 2015	IC							
19 Aug 2015	IC							
25 Aug 2015	IC							
30 Aug 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
03 Aug 2015	IC							
13 Aug 2015	IC							
19 Aug 2015	IC							
25 Aug 2015	IC							
30 Aug 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
03 Aug 2015	IC							
13 Aug 2015	IC							
19 Aug 2015	IC							
25 Aug 2015	IC							
30 Aug 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
03 Aug 2015	IC							
13 Aug 2015	IC							
19 Aug 2015	IC							
25 Aug 2015	IC							
30 Aug 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	03 Aug 2015	943	1	<2	<2	<2	1.0	ns	21.5	86.89	6.9	33.35	8.2
A1	03 Aug 2015	943	12	2e	<2	<2	1.0	ns	19.1	84.84	7.8	33.50	8.2
A1	03 Aug 2015	943	18	<2	<2	<2	1.0	ns	16.0	86.69	7.6	33.33	8.2
A1	13 Aug 2015	744	1	<2	<2	<2	1.0	<0.01	21.7	86.50	8.1	33.40	8.3
A1	13 Aug 2015	744	12	<2	<2	<2	1.0	<0.01	19.5	87.49	8.0	33.34	8.2
A1	13 Aug 2015	744	18	<2	<2	<2	1.0	<0.01	16.4	90.44	7.6	33.29	8.2
A1	19 Aug 2015	800	1	<2	<2	<2	1.0	ns	21.1	88.20	8.4	33.33	8.2
A1	19 Aug 2015	800	12	2e	<2	<2	1.0	ns	16.1	92.26	8.2	33.25	8.2
A1	19 Aug 2015	800	18	<2	<2	<2	1.0	ns	15.8	91.85	8.1	33.27	8.2
A1	25 Aug 2015	804	1	<2	<2	<2	1.0	ns	22.0	88.23	7.8	33.42	8.0
A1	25 Aug 2015	804	12	<2	<2	<2	1.0	ns	19.3	87.29	7.3	33.29	8.0
A1	25 Aug 2015	804	18	2e	<2	<2	1.0	ns	17.5	89.91	7.0	33.29	7.9
A1	30 Aug 2015	801	1	<2	<2	2e	1.0	ns	22.9	88.68	7.7	33.44	8.2
A1	30 Aug 2015	801	12	<2	<2	<2	1.0	ns	18.6	91.08	7.8	33.31	8.2
A1	30 Aug 2015	801	18	6e	<2	<2	0.3	ns	17.1	91.01	7.9	33.28	8.2
C4	03 Aug 2015	1231	1	<2	<2	<2	1.0	ns	20.5	86.33	7.6	33.37	8.2
C4	03 Aug 2015	1231	3	<2	<2	<2	1.0	ns	19.3	86.13	8.5	33.39	8.2
C4	03 Aug 2015	1231	9	<2	<2	<2	1.0	ns	16.2	84.24	6.3	33.31	8.0
C4	13 Aug 2015	1012	1	<2	<2	<2	1.0	<0.01	22.1	82.56	7.8	33.39	8.3
C4	13 Aug 2015	1012	3	<2	<2	<2	1.0	<0.01	21.7	84.25	8.0	33.39	8.3
C4	13 Aug 2015	1012	9	<2	<2	<2	1.0	<0.01	17.8	87.68	6.4	33.30	8.1
C4	19 Aug 2015	959	1	<2	<2	<2	1.0	ns	21.5	89.83	7.2	33.35	8.2
C4	19 Aug 2015	959	3	<2	<2	<2	1.0	ns	21.3	89.52	7.3	33.35	8.2
C4	19 Aug 2015	959	9	<2	<2	<2	1.0	ns	20.4	89.53	7.5	33.31	8.2
C4	25 Aug 2015	1018	1	<2	<2	<2	1.0	ns	22.6	88.37	7.1	33.44	8.0
C4	25 Aug 2015	1018	3	<2	<2	<2	1.0	ns	22.4	88.82	6.9	33.42	8.0
C4	25 Aug 2015	1018	9	<2	<2	<2	1.0	ns	20.5	87.28	5.3	33.34	7.8
C4	30 Aug 2015	1013	1	<2	<2	<2	1.0	ns	19.9	75.01	3.9	33.34	7.9
C4	30 Aug 2015	1013	3	<2	<2	<2	1.0	ns	23.6	88.79	7.3	33.42	8.2
C4	30 Aug 2015	1013	9	<20	<2	<2	0.1	ns	20.4	82.80	4.7	33.35	8.0
C5	03 Aug 2015	1157	1	<2	<2	<2	1.0	ns	20.9	83.94	7.9	33.33	8.2
C5	03 Aug 2015	1157	3	<2	<2	<2	1.0	ns	20.7	84.33	7.8	33.34	8.2
C5	03 Aug 2015	1157	9	<2	<2	<2	1.0	ns	15.5	84.70	7.6	33.29	8.1
C5	13 Aug 2015	1000	1	<2	<2	<2	1.0	<0.01	21.8	81.61	7.9	33.37	8.2
C5	13 Aug 2015	1000	3	<2	<2	<2	1.0	<0.01	21.6	84.38	8.2	33.38	8.3
C5	13 Aug 2015	1000	9	2e	<2	<2	1.0	<0.01	18.2	86.10	8.7	33.31	8.3

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	N-NH3	Temp	XMS	DO	Sal	pH
C5	19 Aug 2015	946	1	<2	<2	<2	1.0	ns	21.8	88.22	7.9	33.35	8.2
C5	19 Aug 2015	946	3	<2	<2	<2	1.0	ns	21.4	88.19	8.0	33.34	8.2
C5	19 Aug 2015	946	9	<2	<2	<2	1.0	ns	20.4	84.57	6.7	33.53	8.2
C5	25 Aug 2015	1004	1	<2	<2	<2	1.0	ns	22.6	89.22	7.4	33.45	8.0
C5	25 Aug 2015	1004	3	<2	<2	<2	1.0	ns	22.5	89.46	7.5	33.44	8.0
C5	25 Aug 2015	1004	9	<2	<2	<2	1.0	ns	20.1	90.00	6.5	33.38	7.9
C5	30 Aug 2015	959	1	<2	<2	<2	1.0	ns	23.9	84.08	7.2	33.43	8.2
C5	30 Aug 2015	959	3	<2	<2	<2	1.0	ns	23.6	83.98	7.2	33.41	8.2
C5	30 Aug 2015	959	9	<2	<2	<2	1.0	ns	20.9	85.33	7.1	33.35	8.1
A6	03 Aug 2015	1033	1	<2	<2	<2	1.0	ns	19.9	84.48	8.2	33.32	8.2
A6	03 Aug 2015	1033	12	<2	<2	<2	1.0	ns	16.0	85.51	7.8	33.28	8.1
A6	03 Aug 2015	1033	18	<2	<2	<2	1.0	ns	13.9	89.51	7.1	33.25	8.1
A6	13 Aug 2015	842	1	<2	<2	<2	1.0	<0.01	21.6	88.79	7.8	33.40	8.2
A6	13 Aug 2015	842	12	<2	<2	<2	1.0	<0.01	17.1	90.99	7.7	33.29	8.2
A6	13 Aug 2015	842	18	<2	<2	<2	1.0	<0.01	15.7	90.83	7.5	33.27	8.2
A6	19 Aug 2015	834	1	2e	<2	<2	1.0	ns	21.4	90.09	7.8	33.36	8.2
A6	19 Aug 2015	834	12	2e	<2	<2	1.0	ns	16.6	92.18	8.0	33.27	8.2
A6	19 Aug 2015	834	18	<2	<2	<2	1.0	ns	15.9	91.99	7.8	33.27	8.2
A6	25 Aug 2015	838	1	<2	<2	<2	1.0	ns	22.1	89.34	7.7	33.43	8.0
A6	25 Aug 2015	838	12	<2	<2	<2	1.0	ns	20.0	89.48	7.8	33.34	8.0
A6	25 Aug 2015	838	18	4e	<2	<2	0.5	ns	18.2	90.93	7.3	33.30	7.9
A6	30 Aug 2015	842	1	<2	<2	<2	1.0	ns	23.5	89.77	7.5	33.44	8.2
A6	30 Aug 2015	842	12	<2	<2	<2	1.0	ns	18.8	91.85	7.6	33.31	8.2
A6	30 Aug 2015	842	18	<2	<2	<2	1.0	ns	17.6	91.34	7.6	33.29	8.2
C6	03 Aug 2015	1142	1	2e	<2	<2	1.0	ns	21.1	79.57	7.2	33.34	8.2
C6	03 Aug 2015	1142	3	<2	<2	<2	1.0	ns	20.1	79.97	7.6	33.34	8.2
C6	03 Aug 2015	1142	9	6e	<2	<2	0.3	ns	16.2	83.67	7.1	33.29	8.2
C6	13 Aug 2015	947	1	<2	<2	<2	1.0	<0.01	21.7	80.75	7.6	33.37	8.2
C6	13 Aug 2015	947	3	<2	<2	<2	1.0	0.01	21.6	82.94	7.6	33.37	8.2
C6	13 Aug 2015	947	9	<2	<2	<2	1.0	0.01	18.4	84.28	7.2	33.31	8.2
C6	19 Aug 2015	933	1	<2	<2	<2	1.0	ns	22.0	88.93	8.2	33.36	8.3
C6	19 Aug 2015	933	3	<2	<2	<2	1.0	ns	21.3	89.28	8.0	33.34	8.2
C6	19 Aug 2015	933	9	<2	<2	<2	1.0	ns	19.5	89.39	8.1	33.30	8.2
C6	25 Aug 2015	951	1	<2	<2	<2	1.0	ns	22.9	88.55	7.5	33.44	8.0
C6	25 Aug 2015	951	3	<2	<2	<2	1.0	ns	22.9	89.21	7.5	33.45	8.0
C6	25 Aug 2015	951	9	<2	<2	<2	1.0	ns	19.9	88.31	6.3	33.34	7.8
C6	30 Aug 2015	939	1	<2	<2	<2	1.0	ns	20.9	81.35	6.6	33.37	8.1
C6	30 Aug 2015	939	3	<2	<2	<2	1.0	ns	23.7	88.61	7.3	33.43	8.2
C6	30 Aug 2015	939	9	2e	<2	<2	1.0	ns	21.3	85.57	7.0	33.37	8.2
A7	03 Aug 2015	1012	1	<2	<2	<2	1.0	ns	19.4	85.06	8.1	33.32	8.2
A7	03 Aug 2015	1012	12	2e	<2	<2	1.0	ns	17.6	85.97	7.9	33.30	8.2
A7	03 Aug 2015	1012	18	2e	<2	<2	1.0	ns	15.1	87.00	7.4	33.25	8.1
A7	13 Aug 2015	802	1	<2	<2	<2	1.0	0.01	21.6	88.50	8.2	33.41	8.3

Station	Date	Time	Depth	Total	Fecal	Enteric	F:T	N-NH3	Temp	XMS	DO	Sal	pH
A7	13 Aug 2015	802	12	<2	<2	<2	1.0	0.01	18.0	90.17	8.0	33.31	8.2
A7	13 Aug 2015	802	18	2e	<2	<2	1.0	0.02	16.1	91.00	7.4	33.27	8.2
A7	19 Aug 2015	817	1	<2	<2	<2	1.0	ns	21.4	88.38	8.0	33.35	8.2
A7	19 Aug 2015	817	12	<2	<2	<2	1.0	ns	16.9	91.02	8.2	33.26	8.2
A7	19 Aug 2015	817	18	2e	<2	<2	1.0	ns	16.1	92.15	7.8	33.27	8.2
A7	25 Aug 2015	820	1	<2	<2	<2	1.0	ns	21.8	85.66	7.6	33.42	8.0
A7	25 Aug 2015	820	12	<2	<2	<2	1.0	ns	19.5	89.63	7.4	33.31	8.0
A7	25 Aug 2015	820	18	2e	<2	<2	1.0	ns	17.9	90.32	7.3	33.30	7.9
A7	30 Aug 2015	821	1	<2	<2	<2	1.0	ns	23.5	87.61	7.6	33.43	8.2
A7	30 Aug 2015	821	12	2e	<2	<2	1.0	ns	19.1	92.17	7.7	33.33	8.2
A7	30 Aug 2015	821	18	<2	<2	<2	1.0	ns	17.2	90.88	7.5	33.26	8.1
C7	03 Aug 2015	1057	1	2e	<2	<2	1.0	ns	19.6	84.66	9.4	33.34	8.3
C7	03 Aug 2015	1057	12	6e	<2	2e	0.3	ns	15.2	88.14	7.3	33.28	8.1
C7	03 Aug 2015	1057	18	20e	<2	<2	0.1	ns	14.2	88.52	6.7	33.28	8.1
C7	13 Aug 2015	906	1	<2	<2	<2	1.0	<0.01	21.6	84.35	7.9	33.38	8.2
C7	13 Aug 2015	906	12	<2	<2	<2	1.0	<0.01	17.3	86.50	8.0	33.31	8.2
C7	13 Aug 2015	906	18	<2	<2	<2	1.0	<0.01	15.8	87.12	7.3	33.27	8.2
C7	19 Aug 2015	851	1	<2	<2	<2	1.0	ns	21.9	92.00	7.7	33.41	8.2
C7	19 Aug 2015	851	12	<2	<2	<2	1.0	ns	17.2	91.02	7.7	33.27	8.2
C7	19 Aug 2015	851	18	2e	<2	<2	1.0	ns	16.2	90.40	7.3	33.27	8.2
C7	25 Aug 2015	857	1	<2	<2	<2	1.0	ns	22.5	89.42	7.4	33.46	8.0
C7	25 Aug 2015	857	12	<2	<2	<2	1.0	ns	19.6	90.07	7.6	33.33	8.0
C7	25 Aug 2015	857	18	<2	<2	<2	1.0	ns	17.4	89.92	6.3	33.29	7.8
C7	30 Aug 2015	901	1	<2	<2	<2	1.0	ns	23.3	88.88	7.7	33.43	8.2
C7	30 Aug 2015	901	12	<2	<2	<2	1.0	ns	19.9	93.30	7.8	33.36	8.2
C7	30 Aug 2015	901	18	<2	<2	<2	1.0	ns	18.0	90.11	7.2	33.29	8.1
C8	03 Aug 2015	1121	1	<2	<2	<2	1.0	ns	19.8	83.84	7.8	33.32	8.2
C8	03 Aug 2015	1121	12	2e	<2	<2	1.0	ns	15.0	85.89	7.1	33.29	8.1
C8	03 Aug 2015	1121	18	18e	<2	<2	0.1	ns	14.0	89.20	6.6	33.29	8.0
C8	13 Aug 2015	925	1	<2	<2	<2	1.0	<0.01	21.3	85.71	7.4	33.37	8.2
C8	13 Aug 2015	925	12	<2	<2	2e	1.0	<0.01	17.4	87.92	8.1	33.31	8.2
C8	13 Aug 2015	925	18	<2	<2	<2	1.0	<0.01	16.4	89.05	7.8	33.28	8.2
C8	19 Aug 2015	910	1	<2	<2	<2	1.0	ns	22.0	92.39	7.4	33.41	8.2
C8	19 Aug 2015	910	12	<2	<2	<2	1.0	ns	18.8	89.46	8.0	33.31	8.2
C8	19 Aug 2015	910	18	<2	<2	<2	1.0	ns	16.1	91.42	7.5	33.25	8.2
C8	25 Aug 2015	915	1	2e	<2	<2	1.0	ns	22.2	89.07	7.5	33.44	8.0
C8	25 Aug 2015	915	12	<2	<2	<2	1.0	ns	20.0	90.55	7.8	33.34	8.0
C8	25 Aug 2015	915	18	<2	<2	<2	1.0	ns	17.5	89.59	6.2	33.28	7.8
C8	30 Aug 2015	919	1	<2	<2	<2	1.0	ns	17.8	85.50	7.3	33.30	8.1
C8	30 Aug 2015	919	12	<2	<2	<2	1.0	ns	19.8	86.88	7.6	33.34	8.2
C8	30 Aug 2015	919	18	<2	<2	<2	1.0	ns	17.9	87.85	7.4	33.30	8.1

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	03 Aug 2015	Depth (m)	20
A1	03 Aug 2015	Arrive Time	943
A1	03 Aug 2015	Depart Time	1005
A1	03 Aug 2015	Air Temp (C)	20
A1	03 Aug 2015	Weather	Partly Cloudy
A1	03 Aug 2015	Visibility (mi)	10
A1	03 Aug 2015	Wind Speed (kts)	4
A1	03 Aug 2015	Wind Dir	E
A1	03 Aug 2015	Water Color	Green
A1	03 Aug 2015	Wave Ht Low (ft)	4
A1	03 Aug 2015	Wave Period (sec)	9
A1	03 Aug 2015	Sea State	Light chop
A1	03 Aug 2015	High Tide (ft)	5.08
A1	03 Aug 2015	High Tide Time	1214
A1	03 Aug 2015	Low Tide (ft)	-0.43
A1	03 Aug 2015	Low Tide Time	558
A1	03 Aug 2015	Comments	Kelp
A1	13 Aug 2015	Depth (m)	18
A1	13 Aug 2015	Arrive Time	744
A1	13 Aug 2015	Depart Time	755
A1	13 Aug 2015	Air Temp (C)	22
A1	13 Aug 2015	Weather	Clear
A1	13 Aug 2015	Visibility (mi)	5
A1	13 Aug 2015	Wind Speed (kts)	3
A1	13 Aug 2015	Wind Dir	W
A1	13 Aug 2015	Water Color	Bluish-Green
A1	13 Aug 2015	Wave Ht Low (ft)	3
A1	13 Aug 2015	Wave Period (sec)	9
A1	13 Aug 2015	Sea State	Calm
A1	13 Aug 2015	High Tide (ft)	4.4
A1	13 Aug 2015	High Tide Time	941
A1	13 Aug 2015	Low Tide (ft)	1.52
A1	13 Aug 2015	Low Tide Time	1507
A1	13 Aug 2015	Comments	Kelp
A1	19 Aug 2015	Depth (m)	20
A1	19 Aug 2015	Arrive Time	800
A1	19 Aug 2015	Depart Time	809
A1	19 Aug 2015	Air Temp (C)	21
A1	19 Aug 2015	Weather	Cloudy
A1	19 Aug 2015	Visibility (mi)	10
A1	19 Aug 2015	Wind Speed (kts)	2
A1	19 Aug 2015	Wind Dir	S

Station	Date	Parameter	Value
A1	19 Aug 2015	Water Color	Greenish-Blue
A1	19 Aug 2015	Wave Ht Low (ft)	3
A1	19 Aug 2015	Wave Period (sec)	11
A1	19 Aug 2015	Sea State	Wind ripples
A1	19 Aug 2015	High Tide (ft)	4.49
A1	19 Aug 2015	High Tide Time	1233
A1	19 Aug 2015	Low Tide (ft)	1.18
A1	19 Aug 2015	Low Tide Time	612
A1	19 Aug 2015	Comments	Kelp
A1	25 Aug 2015	Depth (m)	19
A1	25 Aug 2015	Arrive Time	804
A1	25 Aug 2015	Depart Time	812
A1	25 Aug 2015	Air Temp (C)	21
A1	25 Aug 2015	Weather	Cloudy
A1	25 Aug 2015	Visibility (mi)	7
A1	25 Aug 2015	Wind Speed (kts)	3
A1	25 Aug 2015	Wind Dir	E
A1	25 Aug 2015	Water Color	Greenish-Blue
A1	25 Aug 2015	Wave Ht Low (ft)	3
A1	25 Aug 2015	Wave Period (sec)	13
A1	25 Aug 2015	Sea State	Calm
A1	25 Aug 2015	High Tide (ft)	3.64
A1	25 Aug 2015	High Tide Time	716
A1	25 Aug 2015	Low Tide (ft)	2.28
A1	25 Aug 2015	Low Tide Time	1215
A1	25 Aug 2015	Comments	Kelp
A1	30 Aug 2015	Depth (m)	19
A1	30 Aug 2015	Arrive Time	801
A1	30 Aug 2015	Depart Time	813
A1	30 Aug 2015	Air Temp (C)	23
A1	30 Aug 2015	Weather	Clear
A1	30 Aug 2015	Visibility (mi)	18
A1	30 Aug 2015	Wind Speed (kts)	1
A1	30 Aug 2015	Wind Dir	E
A1	30 Aug 2015	Water Color	Greenish-Blue
A1	30 Aug 2015	Wave Ht Low (ft)	4
A1	30 Aug 2015	Wave Period (sec)	11
A1	30 Aug 2015	Sea State	Calm
A1	30 Aug 2015	High Tide (ft)	5.49
A1	30 Aug 2015	High Tide Time	1014
A1	30 Aug 2015	Low Tide (ft)	-0.67
A1	30 Aug 2015	Low Tide Time	408
A1	30 Aug 2015	Comments	
C4	03 Aug 2015	Depth (m)	10
C4	03 Aug 2015	Arrive Time	1231
C4	03 Aug 2015	Depart Time	1242

Station	Date	Parameter	Value
C4	03 Aug 2015	Air Temp (C)	21
C4	03 Aug 2015	Weather	Partly Cloudy
C4	03 Aug 2015	Visibility (mi)	10
C4	03 Aug 2015	Wind Speed (kts)	6
C4	03 Aug 2015	Wind Dir	SE
C4	03 Aug 2015	Water Color	Green
C4	03 Aug 2015	Wave Ht Low (ft)	3
C4	03 Aug 2015	Wave Period (sec)	9
C4	03 Aug 2015	Sea State	Light chop
C4	03 Aug 2015	High Tide (ft)	5.08
C4	03 Aug 2015	High Tide Time	1214
C4	03 Aug 2015	Low Tide (ft)	-0.43
C4	03 Aug 2015	Low Tide Time	558
C4	03 Aug 2015	Comments	Kelp
C4	13 Aug 2015	Depth (m)	10
C4	13 Aug 2015	Arrive Time	1012
C4	13 Aug 2015	Depart Time	1018
C4	13 Aug 2015	Air Temp (C)	22
C4	13 Aug 2015	Weather	Partly Cloudy
C4	13 Aug 2015	Visibility (mi)	5
C4	13 Aug 2015	Wind Speed (kts)	10
C4	13 Aug 2015	Wind Dir	E
C4	13 Aug 2015	Water Color	Green
C4	13 Aug 2015	Wave Ht Low (ft)	3
C4	13 Aug 2015	Wave Period (sec)	9
C4	13 Aug 2015	Sea State	Light chop
C4	13 Aug 2015	High Tide (ft)	4.4
C4	13 Aug 2015	High Tide Time	941
C4	13 Aug 2015	Low Tide (ft)	1.52
C4	13 Aug 2015	Low Tide Time	1507
C4	13 Aug 2015	Comments	
C4	19 Aug 2015	Depth (m)	10
C4	19 Aug 2015	Arrive Time	959
C4	19 Aug 2015	Depart Time	1005
C4	19 Aug 2015	Air Temp (C)	21
C4	19 Aug 2015	Weather	Cloudy
C4	19 Aug 2015	Visibility (mi)	12
C4	19 Aug 2015	Wind Speed (kts)	3
C4	19 Aug 2015	Wind Dir	E
C4	19 Aug 2015	Water Color	Green
C4	19 Aug 2015	Wave Ht Low (ft)	3
C4	19 Aug 2015	Wave Period (sec)	11
C4	19 Aug 2015	Sea State	Wind ripples
C4	19 Aug 2015	High Tide (ft)	4.49
C4	19 Aug 2015	High Tide Time	1233
C4	19 Aug 2015	Low Tide (ft)	1.18
C4	19 Aug 2015	Low Tide Time	612

Station	Date	Parameter	Value
C4	19 Aug 2015	Comments	Kelp debris
C4	25 Aug 2015	Depth (m)	12
C4	25 Aug 2015	Arrive Time	1018
C4	25 Aug 2015	Depart Time	1024
C4	25 Aug 2015	Air Temp (C)	21
C4	25 Aug 2015	Weather	Rain
C4	25 Aug 2015	Visibility (mi)	7
C4	25 Aug 2015	Wind Speed (kts)	9
C4	25 Aug 2015	Wind Dir	N
C4	25 Aug 2015	Water Color	Bluish-Green
C4	25 Aug 2015	Wave Ht Low (ft)	3
C4	25 Aug 2015	Wave Period (sec)	13
C4	25 Aug 2015	Sea State	Light chop
C4	25 Aug 2015	High Tide (ft)	3.64
C4	25 Aug 2015	High Tide Time	716
C4	25 Aug 2015	Low Tide (ft)	2.28
C4	25 Aug 2015	Low Tide Time	1215
C4	25 Aug 2015	Comments	Kelp
C4	30 Aug 2015	Depth (m)	11
C4	30 Aug 2015	Arrive Time	1013
C4	30 Aug 2015	Depart Time	1019
C4	30 Aug 2015	Air Temp (C)	22
C4	30 Aug 2015	Weather	Clear
C4	30 Aug 2015	Visibility (mi)	18
C4	30 Aug 2015	Wind Speed (kts)	5
C4	30 Aug 2015	Wind Dir	E
C4	30 Aug 2015	Water Color	Greenish-Blue
C4	30 Aug 2015	Wave Ht Low (ft)	4
C4	30 Aug 2015	Wave Period (sec)	11
C4	30 Aug 2015	Sea State	Calm
C4	30 Aug 2015	High Tide (ft)	5.49
C4	30 Aug 2015	High Tide Time	1014
C4	30 Aug 2015	Low Tide (ft)	-0.67
C4	30 Aug 2015	Low Tide Time	408
C4	30 Aug 2015	Comments	
C5	03 Aug 2015	Depth (m)	12
C5	03 Aug 2015	Arrive Time	1157
C5	03 Aug 2015	Depart Time	1205
C5	03 Aug 2015	Air Temp (C)	20
C5	03 Aug 2015	Weather	Partly Cloudy
C5	03 Aug 2015	Visibility (mi)	10
C5	03 Aug 2015	Wind Speed (kts)	4
C5	03 Aug 2015	Wind Dir	W
C5	03 Aug 2015	Water Color	Green
C5	03 Aug 2015	Wave Ht Low (ft)	3
C5	03 Aug 2015	Wave Period (sec)	9

Station	Date	Parameter	Value
C5	03 Aug 2015	Sea State	Light chop
C5	03 Aug 2015	High Tide (ft)	5.08
C5	03 Aug 2015	High Tide Time	1214
C5	03 Aug 2015	Low Tide (ft)	-0.43
C5	03 Aug 2015	Low Tide Time	558
C5	03 Aug 2015	Comments	
C5	13 Aug 2015	Depth (m)	13
C5	13 Aug 2015	Arrive Time	1000
C5	13 Aug 2015	Depart Time	1007
C5	13 Aug 2015	Air Temp (C)	22
C5	13 Aug 2015	Weather	Partly Cloudy
C5	13 Aug 2015	Visibility (mi)	5
C5	13 Aug 2015	Wind Speed (kts)	4
C5	13 Aug 2015	Wind Dir	SW
C5	13 Aug 2015	Water Color	Green
C5	13 Aug 2015	Wave Ht Low (ft)	3
C5	13 Aug 2015	Wave Period (sec)	9
C5	13 Aug 2015	Sea State	Calm
C5	13 Aug 2015	High Tide (ft)	4.4
C5	13 Aug 2015	High Tide Time	941
C5	13 Aug 2015	Low Tide (ft)	1.52
C5	13 Aug 2015	Low Tide Time	1507
C5	13 Aug 2015	Comments	
C5	19 Aug 2015	Depth (m)	10
C5	19 Aug 2015	Arrive Time	946
C5	19 Aug 2015	Depart Time	952
C5	19 Aug 2015	Air Temp (C)	21
C5	19 Aug 2015	Weather	Cloudy
C5	19 Aug 2015	Visibility (mi)	12
C5	19 Aug 2015	Wind Speed (kts)	0
C5	19 Aug 2015	Wind Dir	
C5	19 Aug 2015	Water Color	Green
C5	19 Aug 2015	Wave Ht Low (ft)	3
C5	19 Aug 2015	Wave Period (sec)	11
C5	19 Aug 2015	Sea State	Wind ripples
C5	19 Aug 2015	High Tide (ft)	4.49
C5	19 Aug 2015	High Tide Time	1233
C5	19 Aug 2015	Low Tide (ft)	1.18
C5	19 Aug 2015	Low Tide Time	612
C5	19 Aug 2015	Comments	Kelp debris
C5	25 Aug 2015	Depth (m)	6
C5	25 Aug 2015	Arrive Time	1004
C5	25 Aug 2015	Depart Time	1010
C5	25 Aug 2015	Air Temp (C)	21
C5	25 Aug 2015	Weather	Rain
C5	25 Aug 2015	Visibility (mi)	7

Station	Date	Parameter	Value
C5	25 Aug 2015	Wind Speed (kts)	8
C5	25 Aug 2015	Wind Dir	E
C5	25 Aug 2015	Water Color	Bluish-Green
C5	25 Aug 2015	Wave Ht Low (ft)	3
C5	25 Aug 2015	Wave Period (sec)	13
C5	25 Aug 2015	Sea State	Light chop
C5	25 Aug 2015	High Tide (ft)	3.64
C5	25 Aug 2015	High Tide Time	716
C5	25 Aug 2015	Low Tide (ft)	2.28
C5	25 Aug 2015	Low Tide Time	1215
C5	25 Aug 2015	Comments	
C5	30 Aug 2015	Depth (m)	11
C5	30 Aug 2015	Arrive Time	959
C5	30 Aug 2015	Depart Time	1007
C5	30 Aug 2015	Air Temp (C)	22
C5	30 Aug 2015	Weather	Clear
C5	30 Aug 2015	Visibility (mi)	18
C5	30 Aug 2015	Wind Speed (kts)	2
C5	30 Aug 2015	Wind Dir	NW
C5	30 Aug 2015	Water Color	Greenish-Blue
C5	30 Aug 2015	Wave Ht Low (ft)	4
C5	30 Aug 2015	Wave Period (sec)	11
C5	30 Aug 2015	Sea State	Calm
C5	30 Aug 2015	High Tide (ft)	5.49
C5	30 Aug 2015	High Tide Time	1014
C5	30 Aug 2015	Low Tide (ft)	-0.67
C5	30 Aug 2015	Low Tide Time	408
C5	30 Aug 2015	Comments	
A6	03 Aug 2015	Depth (m)	18
A6	03 Aug 2015	Arrive Time	1033
A6	03 Aug 2015	Depart Time	1048
A6	03 Aug 2015	Air Temp (C)	21
A6	03 Aug 2015	Weather	Partly Cloudy
A6	03 Aug 2015	Visibility (mi)	10
A6	03 Aug 2015	Wind Speed (kts)	3
A6	03 Aug 2015	Wind Dir	NE
A6	03 Aug 2015	Water Color	Green
A6	03 Aug 2015	Wave Ht Low (ft)	3
A6	03 Aug 2015	Wave Period (sec)	9
A6	03 Aug 2015	Sea State	Light chop
A6	03 Aug 2015	High Tide (ft)	5.08
A6	03 Aug 2015	High Tide Time	1214
A6	03 Aug 2015	Low Tide (ft)	-0.43
A6	03 Aug 2015	Low Tide Time	558
A6	03 Aug 2015	Comments	Kelp
A6	13 Aug 2015	Depth (m)	20

Station	Date	Parameter	Value
A6	13 Aug 2015	Arrive Time	842
A6	13 Aug 2015	Depart Time	857
A6	13 Aug 2015	Air Temp (C)	22
A6	13 Aug 2015	Weather	Clear
A6	13 Aug 2015	Visibility (mi)	5
A6	13 Aug 2015	Wind Speed (kts)	9
A6	13 Aug 2015	Wind Dir	E
A6	13 Aug 2015	Water Color	Bluish-Green
A6	13 Aug 2015	Wave Ht Low (ft)	3
A6	13 Aug 2015	Wave Period (sec)	9
A6	13 Aug 2015	Sea State	Calm
A6	13 Aug 2015	High Tide (ft)	4.4
A6	13 Aug 2015	High Tide Time	941
A6	13 Aug 2015	Low Tide (ft)	1.52
A6	13 Aug 2015	Low Tide Time	1507
A6	13 Aug 2015	Comments	Kelp
A6	19 Aug 2015	Depth (m)	19
A6	19 Aug 2015	Arrive Time	834
A6	19 Aug 2015	Depart Time	840
A6	19 Aug 2015	Air Temp (C)	21
A6	19 Aug 2015	Weather	Cloudy
A6	19 Aug 2015	Visibility (mi)	10
A6	19 Aug 2015	Wind Speed (kts)	0
A6	19 Aug 2015	Wind Dir	
A6	19 Aug 2015	Water Color	Greenish-Blue
A6	19 Aug 2015	Wave Ht Low (ft)	3
A6	19 Aug 2015	Wave Period (sec)	11
A6	19 Aug 2015	Sea State	Wind ripples
A6	19 Aug 2015	High Tide (ft)	4.49
A6	19 Aug 2015	High Tide Time	1233
A6	19 Aug 2015	Low Tide (ft)	1.18
A6	19 Aug 2015	Low Tide Time	612
A6	19 Aug 2015	Comments	Kelp
A6	25 Aug 2015	Depth (m)	18
A6	25 Aug 2015	Arrive Time	838
A6	25 Aug 2015	Depart Time	846
A6	25 Aug 2015	Air Temp (C)	21
A6	25 Aug 2015	Weather	Cloudy
A6	25 Aug 2015	Visibility (mi)	7
A6	25 Aug 2015	Wind Speed (kts)	3
A6	25 Aug 2015	Wind Dir	S
A6	25 Aug 2015	Water Color	Greenish-Blue
A6	25 Aug 2015	Wave Ht Low (ft)	3
A6	25 Aug 2015	Wave Period (sec)	13
A6	25 Aug 2015	Sea State	Calm
A6	25 Aug 2015	High Tide (ft)	3.64
A6	25 Aug 2015	High Tide Time	716

Station	Date	Parameter	Value
A6	25 Aug 2015	Low Tide (ft)	2.28
A6	25 Aug 2015	Low Tide Time	1215
A6	25 Aug 2015	Comments	Kelp
A6	30 Aug 2015	Depth (m)	19
A6	30 Aug 2015	Arrive Time	842
A6	30 Aug 2015	Depart Time	850
A6	30 Aug 2015	Air Temp (C)	23
A6	30 Aug 2015	Weather	Clear
A6	30 Aug 2015	Visibility (mi)	18
A6	30 Aug 2015	Wind Speed (kts)	5
A6	30 Aug 2015	Wind Dir	W
A6	30 Aug 2015	Water Color	Greenish-Blue
A6	30 Aug 2015	Wave Ht Low (ft)	4
A6	30 Aug 2015	Wave Period (sec)	11
A6	30 Aug 2015	Sea State	Calm
A6	30 Aug 2015	High Tide (ft)	5.49
A6	30 Aug 2015	High Tide Time	1014
A6	30 Aug 2015	Low Tide (ft)	-0.67
A6	30 Aug 2015	Low Tide Time	408
A6	30 Aug 2015	Comments	
C6	03 Aug 2015	Depth (m)	11
C6	03 Aug 2015	Arrive Time	1142
C6	03 Aug 2015	Depart Time	1151
C6	03 Aug 2015	Air Temp (C)	20
C6	03 Aug 2015	Weather	Partly Cloudy
C6	03 Aug 2015	Visibility (mi)	10
C6	03 Aug 2015	Wind Speed (kts)	2
C6	03 Aug 2015	Wind Dir	S
C6	03 Aug 2015	Water Color	Green
C6	03 Aug 2015	Wave Ht Low (ft)	3
C6	03 Aug 2015	Wave Period (sec)	9
C6	03 Aug 2015	Sea State	Light chop
C6	03 Aug 2015	High Tide (ft)	5.08
C6	03 Aug 2015	High Tide Time	1214
C6	03 Aug 2015	Low Tide (ft)	-0.43
C6	03 Aug 2015	Low Tide Time	558
C6	03 Aug 2015	Comments	
C6	13 Aug 2015	Depth (m)	9
C6	13 Aug 2015	Arrive Time	947
C6	13 Aug 2015	Depart Time	953
C6	13 Aug 2015	Air Temp (C)	22
C6	13 Aug 2015	Weather	Clear
C6	13 Aug 2015	Visibility (mi)	5
C6	13 Aug 2015	Wind Speed (kts)	4
C6	13 Aug 2015	Wind Dir	SW
C6	13 Aug 2015	Water Color	Brownish-Green

Station	Date	Parameter	Value
C6	13 Aug 2015	Wave Ht Low (ft)	4
C6	13 Aug 2015	Wave Period (sec)	9
C6	13 Aug 2015	Sea State	Calm
C6	13 Aug 2015	High Tide (ft)	4.4
C6	13 Aug 2015	High Tide Time	941
C6	13 Aug 2015	Low Tide (ft)	1.52
C6	13 Aug 2015	Low Tide Time	1507
C6	13 Aug 2015	Comments	Kelp debris
C6	19 Aug 2015	Depth (m)	10
C6	19 Aug 2015	Arrive Time	933
C6	19 Aug 2015	Depart Time	940
C6	19 Aug 2015	Air Temp (C)	21
C6	19 Aug 2015	Weather	Cloudy
C6	19 Aug 2015	Visibility (mi)	12
C6	19 Aug 2015	Wind Speed (kts)	0
C6	19 Aug 2015	Wind Dir	
C6	19 Aug 2015	Water Color	Greenish-Blue
C6	19 Aug 2015	Wave Ht Low (ft)	3
C6	19 Aug 2015	Wave Period (sec)	11
C6	19 Aug 2015	Sea State	Wind ripples
C6	19 Aug 2015	High Tide (ft)	4.49
C6	19 Aug 2015	High Tide Time	1233
C6	19 Aug 2015	Low Tide (ft)	1.18
C6	19 Aug 2015	Low Tide Time	612
C6	19 Aug 2015	Comments	Kelp
C6	25 Aug 2015	Depth (m)	8
C6	25 Aug 2015	Arrive Time	951
C6	25 Aug 2015	Depart Time	956
C6	25 Aug 2015	Air Temp (C)	21
C6	25 Aug 2015	Weather	Rain
C6	25 Aug 2015	Visibility (mi)	7
C6	25 Aug 2015	Wind Speed (kts)	9
C6	25 Aug 2015	Wind Dir	NW
C6	25 Aug 2015	Water Color	Bluish-Green
C6	25 Aug 2015	Wave Ht Low (ft)	3
C6	25 Aug 2015	Wave Period (sec)	13
C6	25 Aug 2015	Sea State	Wind ripples
C6	25 Aug 2015	High Tide (ft)	3.64
C6	25 Aug 2015	High Tide Time	716
C6	25 Aug 2015	Low Tide (ft)	2.28
C6	25 Aug 2015	Low Tide Time	1215
C6	25 Aug 2015	Comments	
C6	30 Aug 2015	Depth (m)	9
C6	30 Aug 2015	Arrive Time	939
C6	30 Aug 2015	Depart Time	951
C6	30 Aug 2015	Air Temp (C)	22

Station	Date	Parameter	Value
C6	30 Aug 2015	Weather	Clear
C6	30 Aug 2015	Visibility (mi)	18
C6	30 Aug 2015	Wind Speed (kts)	1
C6	30 Aug 2015	Wind Dir	NE
C6	30 Aug 2015	Water Color	Greenish-Blue
C6	30 Aug 2015	Wave Ht Low (ft)	4
C6	30 Aug 2015	Wave Period (sec)	11
C6	30 Aug 2015	Sea State	Calm
C6	30 Aug 2015	High Tide (ft)	5.49
C6	30 Aug 2015	High Tide Time	1014
C6	30 Aug 2015	Low Tide (ft)	-0.67
C6	30 Aug 2015	Low Tide Time	408
C6	30 Aug 2015	Comments	
A7	03 Aug 2015	Depth (m)	19
A7	03 Aug 2015	Arrive Time	1012
A7	03 Aug 2015	Depart Time	1024
A7	03 Aug 2015	Air Temp (C)	20
A7	03 Aug 2015	Weather	Partly Cloudy
A7	03 Aug 2015	Visibility (mi)	10
A7	03 Aug 2015	Wind Speed (kts)	4
A7	03 Aug 2015	Wind Dir	E
A7	03 Aug 2015	Water Color	Green
A7	03 Aug 2015	Wave Ht Low (ft)	3
A7	03 Aug 2015	Wave Period (sec)	9
A7	03 Aug 2015	Sea State	Light chop
A7	03 Aug 2015	High Tide (ft)	5.08
A7	03 Aug 2015	High Tide Time	1214
A7	03 Aug 2015	Low Tide (ft)	-0.43
A7	03 Aug 2015	Low Tide Time	558
A7	03 Aug 2015	Comments	Kelp
A7	13 Aug 2015	Depth (m)	18
A7	13 Aug 2015	Arrive Time	802
A7	13 Aug 2015	Depart Time	838
A7	13 Aug 2015	Air Temp (C)	22
A7	13 Aug 2015	Weather	Clear
A7	13 Aug 2015	Visibility (mi)	5
A7	13 Aug 2015	Wind Speed (kts)	4
A7	13 Aug 2015	Wind Dir	W
A7	13 Aug 2015	Water Color	Bluish-Green
A7	13 Aug 2015	Wave Ht Low (ft)	3
A7	13 Aug 2015	Wave Period (sec)	9
A7	13 Aug 2015	Sea State	Calm
A7	13 Aug 2015	High Tide (ft)	4.4
A7	13 Aug 2015	High Tide Time	941
A7	13 Aug 2015	Low Tide (ft)	1.52
A7	13 Aug 2015	Low Tide Time	1507
A7	13 Aug 2015	Comments	Kelp

Station	Date	Parameter	Value
A7	19 Aug 2015	Depth (m)	19
A7	19 Aug 2015	Arrive Time	817
A7	19 Aug 2015	Depart Time	825
A7	19 Aug 2015	Air Temp (C)	21
A7	19 Aug 2015	Weather	Cloudy
A7	19 Aug 2015	Visibility (mi)	10
A7	19 Aug 2015	Wind Speed (kts)	3
A7	19 Aug 2015	Wind Dir	NW
A7	19 Aug 2015	Water Color	Greenish-Blue
A7	19 Aug 2015	Wave Ht Low (ft)	3
A7	19 Aug 2015	Wave Period (sec)	11
A7	19 Aug 2015	Sea State	Wind ripples
A7	19 Aug 2015	High Tide (ft)	4.49
A7	19 Aug 2015	High Tide Time	1233
A7	19 Aug 2015	Low Tide (ft)	1.18
A7	19 Aug 2015	Low Tide Time	612
A7	19 Aug 2015	Comments	Kelp
A7	25 Aug 2015	Depth (m)	19
A7	25 Aug 2015	Arrive Time	820
A7	25 Aug 2015	Depart Time	829
A7	25 Aug 2015	Air Temp (C)	21
A7	25 Aug 2015	Weather	Cloudy
A7	25 Aug 2015	Visibility (mi)	7
A7	25 Aug 2015	Wind Speed (kts)	1
A7	25 Aug 2015	Wind Dir	NE
A7	25 Aug 2015	Water Color	Greenish-Blue
A7	25 Aug 2015	Wave Ht Low (ft)	3
A7	25 Aug 2015	Wave Period (sec)	13
A7	25 Aug 2015	Sea State	Calm
A7	25 Aug 2015	High Tide (ft)	3.64
A7	25 Aug 2015	High Tide Time	716
A7	25 Aug 2015	Low Tide (ft)	2.28
A7	25 Aug 2015	Low Tide Time	1215
A7	25 Aug 2015	Comments	Kelp
A7	30 Aug 2015	Depth (m)	18
A7	30 Aug 2015	Arrive Time	821
A7	30 Aug 2015	Depart Time	832
A7	30 Aug 2015	Air Temp (C)	23
A7	30 Aug 2015	Weather	Clear
A7	30 Aug 2015	Visibility (mi)	18
A7	30 Aug 2015	Wind Speed (kts)	1
A7	30 Aug 2015	Wind Dir	NW
A7	30 Aug 2015	Water Color	Greenish-Blue
A7	30 Aug 2015	Wave Ht Low (ft)	4
A7	30 Aug 2015	Wave Period (sec)	11
A7	30 Aug 2015	Sea State	Calm

Station	Date	Parameter	Value
A7	30 Aug 2015	High Tide (ft)	5.49
A7	30 Aug 2015	High Tide Time	1014
A7	30 Aug 2015	Low Tide (ft)	-0.67
A7	30 Aug 2015	Low Tide Time	408
A7	30 Aug 2015	Comments	
C7	03 Aug 2015	Depth (m)	19
C7	03 Aug 2015	Arrive Time	1057
C7	03 Aug 2015	Depart Time	1113
C7	03 Aug 2015	Air Temp (C)	20
C7	03 Aug 2015	Weather	Partly Cloudy
C7	03 Aug 2015	Visibility (mi)	10
C7	03 Aug 2015	Wind Speed (kts)	2
C7	03 Aug 2015	Wind Dir	S
C7	03 Aug 2015	Water Color	Green
C7	03 Aug 2015	Wave Ht Low (ft)	3
C7	03 Aug 2015	Wave Period (sec)	9
C7	03 Aug 2015	Sea State	Light chop
C7	03 Aug 2015	High Tide (ft)	5.08
C7	03 Aug 2015	High Tide Time	1214
C7	03 Aug 2015	Low Tide (ft)	-0.43
C7	03 Aug 2015	Low Tide Time	558
C7	03 Aug 2015	Comments	Kelp
C7	13 Aug 2015	Depth (m)	18
C7	13 Aug 2015	Arrive Time	906
C7	13 Aug 2015	Depart Time	920
C7	13 Aug 2015	Air Temp (C)	22
C7	13 Aug 2015	Weather	Clear
C7	13 Aug 2015	Visibility (mi)	5
C7	13 Aug 2015	Wind Speed (kts)	1
C7	13 Aug 2015	Wind Dir	NE
C7	13 Aug 2015	Water Color	Bluish-Green
C7	13 Aug 2015	Wave Ht Low (ft)	3
C7	13 Aug 2015	Wave Period (sec)	9
C7	13 Aug 2015	Sea State	Calm
C7	13 Aug 2015	High Tide (ft)	4.4
C7	13 Aug 2015	High Tide Time	941
C7	13 Aug 2015	Low Tide (ft)	1.52
C7	13 Aug 2015	Low Tide Time	1507
C7	13 Aug 2015	Comments	Kelp
C7	19 Aug 2015	Depth (m)	18
C7	19 Aug 2015	Arrive Time	851
C7	19 Aug 2015	Depart Time	902
C7	19 Aug 2015	Air Temp (C)	21
C7	19 Aug 2015	Weather	Cloudy
C7	19 Aug 2015	Visibility (mi)	12
C7	19 Aug 2015	Wind Speed (kts)	0

Station	Date	Parameter	Value
C7	19 Aug 2015	Wind Dir	
C7	19 Aug 2015	Water Color	Greenish-Blue
C7	19 Aug 2015	Wave Ht Low (ft)	3
C7	19 Aug 2015	Wave Period (sec)	11
C7	19 Aug 2015	Sea State	Wind ripples
C7	19 Aug 2015	High Tide (ft)	4.49
C7	19 Aug 2015	High Tide Time	1233
C7	19 Aug 2015	Low Tide (ft)	1.18
C7	19 Aug 2015	Low Tide Time	612
C7	19 Aug 2015	Comments	Kelp
C7	25 Aug 2015	Depth (m)	16
C7	25 Aug 2015	Arrive Time	857
C7	25 Aug 2015	Depart Time	905
C7	25 Aug 2015	Air Temp (C)	22
C7	25 Aug 2015	Weather	Cloudy
C7	25 Aug 2015	Visibility (mi)	7
C7	25 Aug 2015	Wind Speed (kts)	3
C7	25 Aug 2015	Wind Dir	NE
C7	25 Aug 2015	Water Color	Greenish-Blue
C7	25 Aug 2015	Wave Ht Low (ft)	3
C7	25 Aug 2015	Wave Period (sec)	13
C7	25 Aug 2015	Sea State	Calm
C7	25 Aug 2015	High Tide (ft)	3.64
C7	25 Aug 2015	High Tide Time	716
C7	25 Aug 2015	Low Tide (ft)	2.28
C7	25 Aug 2015	Low Tide Time	1215
C7	25 Aug 2015	Comments	Kelp
C7	30 Aug 2015	Depth (m)	19
C7	30 Aug 2015	Arrive Time	901
C7	30 Aug 2015	Depart Time	911
C7	30 Aug 2015	Air Temp (C)	23
C7	30 Aug 2015	Weather	Clear
C7	30 Aug 2015	Visibility (mi)	18
C7	30 Aug 2015	Wind Speed (kts)	5
C7	30 Aug 2015	Wind Dir	SE
C7	30 Aug 2015	Water Color	Greenish-Blue
C7	30 Aug 2015	Wave Ht Low (ft)	4
C7	30 Aug 2015	Wave Period (sec)	11
C7	30 Aug 2015	Sea State	Calm
C7	30 Aug 2015	High Tide (ft)	5.49
C7	30 Aug 2015	High Tide Time	1014
C7	30 Aug 2015	Low Tide (ft)	-0.67
C7	30 Aug 2015	Low Tide Time	408
C7	30 Aug 2015	Comments	
C8	03 Aug 2015	Depth (m)	20
C8	03 Aug 2015	Arrive Time	1121

Station	Date	Parameter	Value
C8	03 Aug 2015	Depart Time	1129
C8	03 Aug 2015	Air Temp (C)	21
C8	03 Aug 2015	Weather	Partly Cloudy
C8	03 Aug 2015	Visibility (mi)	10
C8	03 Aug 2015	Wind Speed (kts)	5
C8	03 Aug 2015	Wind Dir	NW
C8	03 Aug 2015	Water Color	Green
C8	03 Aug 2015	Wave Ht Low (ft)	3
C8	03 Aug 2015	Wave Period (sec)	9
C8	03 Aug 2015	Sea State	Light chop
C8	03 Aug 2015	High Tide (ft)	5.08
C8	03 Aug 2015	High Tide Time	1214
C8	03 Aug 2015	Low Tide (ft)	-0.43
C8	03 Aug 2015	Low Tide Time	558
C8	03 Aug 2015	Comments	Kelp
C8	13 Aug 2015	Depth (m)	19
C8	13 Aug 2015	Arrive Time	925
C8	13 Aug 2015	Depart Time	935
C8	13 Aug 2015	Air Temp (C)	22
C8	13 Aug 2015	Weather	Clear
C8	13 Aug 2015	Visibility (mi)	5
C8	13 Aug 2015	Wind Speed (kts)	3
C8	13 Aug 2015	Wind Dir	SE
C8	13 Aug 2015	Water Color	Green
C8	13 Aug 2015	Wave Ht Low (ft)	3
C8	13 Aug 2015	Wave Period (sec)	9
C8	13 Aug 2015	Sea State	Calm
C8	13 Aug 2015	High Tide (ft)	4.4
C8	13 Aug 2015	High Tide Time	941
C8	13 Aug 2015	Low Tide (ft)	1.52
C8	13 Aug 2015	Low Tide Time	1507
C8	13 Aug 2015	Comments	Kelp debris
C8	19 Aug 2015	Depth (m)	19
C8	19 Aug 2015	Arrive Time	910
C8	19 Aug 2015	Depart Time	917
C8	19 Aug 2015	Air Temp (C)	22
C8	19 Aug 2015	Weather	Cloudy
C8	19 Aug 2015	Visibility (mi)	12
C8	19 Aug 2015	Wind Speed (kts)	0
C8	19 Aug 2015	Wind Dir	
C8	19 Aug 2015	Water Color	Greenish-Blue
C8	19 Aug 2015	Wave Ht Low (ft)	3
C8	19 Aug 2015	Wave Period (sec)	11
C8	19 Aug 2015	Sea State	Wind ripples
C8	19 Aug 2015	High Tide (ft)	4.49
C8	19 Aug 2015	High Tide Time	1233
C8	19 Aug 2015	Low Tide (ft)	1.18

Station	Date	Parameter	Value
C8	19 Aug 2015	Low Tide Time	612
C8	19 Aug 2015	Comments	
C8	25 Aug 2015	Depth (m)	19
C8	25 Aug 2015	Arrive Time	915
C8	25 Aug 2015	Depart Time	921
C8	25 Aug 2015	Air Temp (C)	21
C8	25 Aug 2015	Weather	Rain
C8	25 Aug 2015	Visibility (mi)	7
C8	25 Aug 2015	Wind Speed (kts)	3
C8	25 Aug 2015	Wind Dir	SE
C8	25 Aug 2015	Water Color	Greenish-Blue
C8	25 Aug 2015	Wave Ht Low (ft)	3
C8	25 Aug 2015	Wave Period (sec)	13
C8	25 Aug 2015	Sea State	Wind ripples
C8	25 Aug 2015	High Tide (ft)	3.64
C8	25 Aug 2015	High Tide Time	716
C8	25 Aug 2015	Low Tide (ft)	2.28
C8	25 Aug 2015	Low Tide Time	1215
C8	25 Aug 2015	Comments	Kelp debris
C8	30 Aug 2015	Depth (m)	20
C8	30 Aug 2015	Arrive Time	919
C8	30 Aug 2015	Depart Time	926
C8	30 Aug 2015	Air Temp (C)	23
C8	30 Aug 2015	Weather	Clear
C8	30 Aug 2015	Visibility (mi)	18
C8	30 Aug 2015	Wind Speed (kts)	6
C8	30 Aug 2015	Wind Dir	SW
C8	30 Aug 2015	Water Color	Greenish-Blue
C8	30 Aug 2015	Wave Ht Low (ft)	4
C8	30 Aug 2015	Wave Period (sec)	11
C8	30 Aug 2015	Sea State	Calm
C8	30 Aug 2015	High Tide (ft)	5.49
C8	30 Aug 2015	High Tide Time	1014
C8	30 Aug 2015	Low Tide (ft)	-0.67
C8	30 Aug 2015	Low Tide Time	408
C8	30 Aug 2015	Comments	

**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	03 Aug 2015	1	21.46	86.89	6.9	33.35	8.2	23.1	0.57
A1	03 Aug 2015	2	21.46	87.09	6.5	33.36	8.2	23.1	0.56
A1	03 Aug 2015	3	21.43	87.90	6.4	33.38	8.2	23.1	0.56
A1	03 Aug 2015	4	21.44	88.06	6.5	33.37	8.2	23.1	0.56
A1	03 Aug 2015	5	21.41	88.09	6.2	33.39	8.2	23.2	0.56
A1	03 Aug 2015	6	21.37	87.97	6.3	33.40	8.2	23.2	0.67
A1	03 Aug 2015	7	21.21	87.98	6.4	33.51	8.2	23.3	0.59
A1	03 Aug 2015	8	20.51	87.19	7.4	33.63	8.2	23.7	0.53
A1	03 Aug 2015	9	19.77	86.32	7.5	33.62	8.2	23.8	0.57
A1	03 Aug 2015	10	19.48	85.58	7.5	33.48	8.2	23.7	0.59
A1	03 Aug 2015	11	19.38	85.37	7.5	33.53	8.2	23.8	0.59
A1	03 Aug 2015	12	19.09	84.84	7.8	33.50	8.2	23.9	0.77
A1	03 Aug 2015	13	18.83	84.85	7.9	33.44	8.2	23.9	1.23
A1	03 Aug 2015	14	17.89	85.09	8.0	33.45	8.2	24.1	1.57
A1	03 Aug 2015	15	17.30	85.52	7.9	33.38	8.2	24.2	1.82
A1	03 Aug 2015	16	17.02	85.97	7.8	33.33	8.2	24.2	1.97
A1	03 Aug 2015	17	16.73	86.42	7.8	33.32	8.2	24.3	1.96
A1	03 Aug 2015	18	16.03	86.69	7.6	33.33	8.2	24.5	1.99
A1	03 Aug 2015	19	14.31	87.24	7.4	33.33	8.1	24.8	1.95
A1	13 Aug 2015	1	21.67	86.50	8.1	33.40	8.3	23.1	0.58
A1	13 Aug 2015	2	21.62	86.58	8.0	33.40	8.3	23.1	0.64
A1	13 Aug 2015	3	21.59	86.70	8.1	33.40	8.3	23.1	0.70
A1	13 Aug 2015	4	21.55	86.77	8.0	33.40	8.3	23.1	0.79
A1	13 Aug 2015	5	21.53	86.82	8.0	33.39	8.3	23.1	0.83
A1	13 Aug 2015	6	21.49	86.83	8.0	33.39	8.3	23.1	0.85
A1	13 Aug 2015	7	21.44	86.89	8.0	33.38	8.3	23.1	0.92
A1	13 Aug 2015	8	21.19	86.93	8.0	33.38	8.3	23.2	1.01
A1	13 Aug 2015	9	20.97	86.94	8.0	33.38	8.2	23.3	1.09
A1	13 Aug 2015	10	20.68	86.98	7.9	33.35	8.2	23.3	1.15
A1	13 Aug 2015	11	20.00	87.17	8.0	33.36	8.2	23.5	1.25
A1	13 Aug 2015	12	19.53	87.49	8.0	33.34	8.2	23.6	1.26
A1	13 Aug 2015	13	18.73	87.99	8.0	33.30	8.2	23.8	1.16
A1	13 Aug 2015	14	18.23	88.99	8.0	33.32	8.2	23.9	1.12
A1	13 Aug 2015	15	17.74	89.62	7.9	33.30	8.2	24.0	1.07
A1	13 Aug 2015	16	17.16	90.05	7.9	33.28	8.2	24.2	0.99
A1	13 Aug 2015	17	16.70	90.20	7.7	33.27	8.2	24.3	0.88
A1	13 Aug 2015	18	16.36	90.44	7.6	33.29	8.2	24.3	0.79
A1	19 Aug 2015	1	21.09	88.20	8.4	33.33	8.2	23.2	1.23
A1	19 Aug 2015	2	21.09	88.15	8.3	33.33	8.2	23.2	1.23
A1	19 Aug 2015	3	20.77	88.35	8.1	33.31	8.2	23.3	1.29
A1	19 Aug 2015	4	20.23	89.84	7.8	33.30	8.2	23.4	1.30
A1	19 Aug 2015	5	18.96	89.85	7.5	33.26	8.2	23.7	1.22
A1	19 Aug 2015	6	17.70	89.83	7.8	33.25	8.2	24.0	0.98
A1	19 Aug 2015	7	16.98	90.69	8.1	33.25	8.2	24.2	0.82
A1	19 Aug 2015	8	16.74	91.41	8.1	33.25	8.2	24.2	0.77
A1	19 Aug 2015	9	16.34	91.42	8.2	33.24	8.2	24.3	0.77
A1	19 Aug 2015	10	16.22	91.96	8.2	33.25	8.2	24.4	0.75
A1	19 Aug 2015	11	16.14	92.17	8.2	33.25	8.2	24.4	0.75
A1	19 Aug 2015	12	16.07	92.26	8.2	33.25	8.2	24.4	0.75
A1	19 Aug 2015	13	16.00	92.15	8.1	33.26	8.2	24.4	0.72
A1	19 Aug 2015	14	15.94	91.91	8.1	33.26	8.2	24.4	0.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A1	19 Aug 2015	15	15.91	92.00	8.1	33.26	8.2	24.4	0.76
A1	19 Aug 2015	16	15.88	92.08	8.1	33.26	8.2	24.4	0.83
A1	19 Aug 2015	17	15.86	92.01	8.1	33.26	8.2	24.4	0.68
A1	19 Aug 2015	18	15.85	91.85	8.1	33.27	8.2	24.4	0.63
A1	19 Aug 2015	19	15.85	91.78	8.1	33.27	8.2	24.4	0.62
A1	25 Aug 2015	1	22.04	88.23	7.8	33.42	8.0	23.0	1.08
A1	25 Aug 2015	2	22.04	88.08	7.7	33.42	8.0	23.0	1.07
A1	25 Aug 2015	3	22.01	88.90	7.8	33.41	8.0	23.0	1.09
A1	25 Aug 2015	4	21.81	89.13	7.8	33.40	8.0	23.1	1.14
A1	25 Aug 2015	5	21.57	88.95	7.8	33.39	8.0	23.1	1.21
A1	25 Aug 2015	6	21.19	89.05	7.8	33.38	8.0	23.2	1.26
A1	25 Aug 2015	7	20.97	88.75	7.9	33.37	8.0	23.3	1.30
A1	25 Aug 2015	8	20.73	88.42	7.9	33.37	8.0	23.3	1.35
A1	25 Aug 2015	9	20.49	88.31	7.9	33.36	8.0	23.4	1.36
A1	25 Aug 2015	10	20.29	88.12	7.9	33.34	8.0	23.4	1.36
A1	25 Aug 2015	11	19.85	87.65	7.8	33.31	8.0	23.5	1.33
A1	25 Aug 2015	12	19.32	87.29	7.3	33.29	8.0	23.6	1.16
A1	25 Aug 2015	13	18.58	88.29	7.1	33.31	7.9	23.8	0.96
A1	25 Aug 2015	14	18.29	89.16	6.8	33.29	7.9	23.9	0.78
A1	25 Aug 2015	15	18.08	89.65	6.7	33.29	7.9	23.9	0.70
A1	25 Aug 2015	16	17.73	89.69	6.9	33.28	7.9	24.0	0.75
A1	25 Aug 2015	17	17.55	89.68	7.1	33.29	7.9	24.1	0.81
A1	25 Aug 2015	18	17.52	89.91	7.0	33.29	7.9	24.1	0.81
A1	25 Aug 2015	19	17.53	90.05	7.0	33.30	7.9	24.1	0.77
A1	30 Aug 2015	1	22.87	88.68	7.7	33.44	8.2	22.8	0.77
A1	30 Aug 2015	2	22.86	89.96	7.6	33.44	8.2	22.8	0.77
A1	30 Aug 2015	3	22.69	90.78	7.5	33.41	8.2	22.8	0.80
A1	30 Aug 2015	4	21.96	90.83	7.4	33.40	8.2	23.0	0.90
A1	30 Aug 2015	5	21.49	90.68	7.5	33.38	8.2	23.1	0.97
A1	30 Aug 2015	6	21.05	90.40	7.5	33.36	8.2	23.2	0.98
A1	30 Aug 2015	7	20.15	90.17	7.6	33.33	8.2	23.4	0.97
A1	30 Aug 2015	8	19.68	90.39	7.6	33.34	8.2	23.6	0.93
A1	30 Aug 2015	9	19.32	90.51	7.7	33.33	8.2	23.7	0.88
A1	30 Aug 2015	10	19.18	90.77	7.7	33.32	8.2	23.7	0.88
A1	30 Aug 2015	11	18.80	91.07	7.7	33.32	8.2	23.8	0.87
A1	30 Aug 2015	12	18.56	91.08	7.8	33.31	8.2	23.8	0.87
A1	30 Aug 2015	13	18.08	91.14	7.9	33.30	8.2	23.9	0.88
A1	30 Aug 2015	14	17.92	91.21	7.8	33.30	8.2	24.0	0.89
A1	30 Aug 2015	15	17.69	91.17	7.8	33.30	8.2	24.0	0.90
A1	30 Aug 2015	16	17.52	91.25	7.8	33.29	8.2	24.1	0.89
A1	30 Aug 2015	17	17.36	91.08	7.8	33.29	8.2	24.1	0.91
A1	30 Aug 2015	18	17.12	91.01	7.9	33.28	8.2	24.2	0.88
A1	30 Aug 2015	19	16.76	91.02	7.8	33.28	8.2	24.2	0.82
C4	03 Aug 2015	1	20.48	86.33	7.6	33.37	8.2	23.4	0.61
C4	03 Aug 2015	2	20.22	85.79	8.2	33.38	8.2	23.6	0.66
C4	03 Aug 2015	3	19.26	86.13	8.5	33.39	8.2	23.9	0.52
C4	03 Aug 2015	4	18.06	85.32	8.3	33.47	8.2	24.1	0.50
C4	03 Aug 2015	5	17.46	84.42	8.2	33.46	8.1	24.2	0.55
C4	03 Aug 2015	6	16.93	85.45	7.4	33.38	8.1	24.3	0.81
C4	03 Aug 2015	7	16.63	85.78	6.9	33.36	8.1	24.3	0.96
C4	03 Aug 2015	8	16.52	85.21	6.6	33.33	8.1	24.3	0.83
C4	03 Aug 2015	9	16.21	84.24	6.3	33.31	8.0	24.4	0.70
C4	03 Aug 2015	10	15.89	82.98	6.0	33.32	8.0	24.5	0.62
C4	03 Aug 2015	11	15.54	85.14	5.8	33.31	8.0	24.6	0.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C4	03 Aug 2015	12	15.36	84.06	5.7	33.32	8.0	24.6	0.70
C4	03 Aug 2015	13	15.35	83.83	5.5	33.30	8.0	24.6	0.56
C4	13 Aug 2015	1	22.07	82.56	7.8	33.39	8.3	23.0	0.67
C4	13 Aug 2015	2	21.84	82.96	7.9	33.39	8.3	23.0	0.66
C4	13 Aug 2015	3	21.72	84.25	8.0	33.39	8.3	23.1	0.71
C4	13 Aug 2015	4	21.60	85.03	8.0	33.38	8.3	23.1	0.77
C4	13 Aug 2015	5	21.23	84.98	7.9	33.37	8.3	23.2	0.83
C4	13 Aug 2015	6	20.36	85.71	7.7	33.34	8.2	23.4	1.03
C4	13 Aug 2015	7	19.16	86.55	7.4	33.32	8.2	23.7	1.03
C4	13 Aug 2015	8	18.22	87.66	6.8	33.31	8.2	23.9	0.61
C4	13 Aug 2015	9	17.80	87.68	6.4	33.30	8.1	24.0	0.47
C4	13 Aug 2015	10	17.49	84.99	6.1	33.30	8.1	24.1	0.41
C4	13 Aug 2015	11	17.39	83.04	6.0	33.31	8.1	24.1	0.42
C4	13 Aug 2015	12	17.38	82.10	6.0	33.31	8.1	24.1	0.40
C4	19 Aug 2015	1	21.49	89.83	7.2	33.35	8.2	23.1	0.59
C4	19 Aug 2015	2	21.41	89.81	7.2	33.35	8.2	23.1	0.70
C4	19 Aug 2015	3	21.34	89.52	7.3	33.35	8.2	23.1	0.86
C4	19 Aug 2015	4	21.32	89.53	7.3	33.35	8.2	23.2	0.90
C4	19 Aug 2015	5	21.33	89.47	7.3	33.35	8.2	23.1	0.90
C4	19 Aug 2015	6	21.29	89.46	7.4	33.35	8.2	23.2	1.01
C4	19 Aug 2015	7	21.21	89.37	7.4	33.34	8.2	23.2	0.99
C4	19 Aug 2015	8	20.95	89.47	7.5	33.33	8.2	23.2	0.94
C4	19 Aug 2015	9	20.36	89.53	7.5	33.31	8.2	23.4	0.82
C4	19 Aug 2015	10	19.99	89.44	7.4	33.31	8.2	23.5	0.62
C4	19 Aug 2015	11	19.86	88.66	7.4	33.31	8.2	23.5	0.51
C4	25 Aug 2015	1	22.65	88.37	7.1	33.44	8.0	22.9	1.01
C4	25 Aug 2015	2	22.62	88.74	7.1	33.44	8.0	22.9	1.03
C4	25 Aug 2015	3	22.42	88.82	6.9	33.42	8.0	22.9	1.12
C4	25 Aug 2015	4	21.91	87.92	6.6	33.40	7.9	23.0	1.18
C4	25 Aug 2015	5	21.85	87.40	6.5	33.40	7.9	23.0	1.21
C4	25 Aug 2015	6	21.75	87.55	6.5	33.39	7.9	23.1	1.16
C4	25 Aug 2015	7	21.67	87.25	6.5	33.39	7.9	23.1	1.15
C4	25 Aug 2015	8	20.98	86.87	5.8	33.36	7.9	23.3	1.12
C4	25 Aug 2015	9	20.48	87.28	5.3	33.34	7.8	23.4	1.07
C4	25 Aug 2015	10	19.98	88.06	4.6	33.33	7.8	23.5	0.89
C4	25 Aug 2015	11	19.39	87.44	3.9	33.32	7.7	23.6	0.70
C4	25 Aug 2015	12	19.21	84.70	3.7	33.32	7.6	23.7	0.64
C4	30 Aug 2015	2	23.68	89.00	7.3	33.43	8.2	22.5	0.52
C4	30 Aug 2015	3	23.55	88.79	7.3	33.42	8.2	22.6	0.58
C4	30 Aug 2015	4	23.32	88.68	7.0	33.41	8.2	22.6	0.67
C4	30 Aug 2015	5	22.87	87.65	6.7	33.40	8.2	22.8	0.78
C4	30 Aug 2015	6	22.22	86.02	6.3	33.38	8.1	22.9	1.16
C4	30 Aug 2015	7	21.62	85.39	5.9	33.36	8.1	23.1	1.12
C4	30 Aug 2015	8	21.15	84.94	5.3	33.35	8.0	23.2	1.11
C4	30 Aug 2015	9	20.45	82.80	4.7	33.35	8.0	23.4	0.71
C4	30 Aug 2015	10	20.07	81.95	4.3	33.34	7.9	23.5	0.60
C4	30 Aug 2015	11	19.90	79.23	4.0	33.37	7.9	23.5	0.58
C4	30 Aug 2015	12	19.86	75.01	3.9	33.34	7.9	23.5	0.51
C5	03 Aug 2015	1	20.85	83.94	7.9	33.33	8.2	23.3	0.56
C5	03 Aug 2015	2	20.84	84.25	7.8	33.33	8.2	23.3	0.58
C5	03 Aug 2015	3	20.74	84.33	7.8	33.34	8.2	23.3	0.60
C5	03 Aug 2015	4	20.59	84.32	7.9	33.34	8.2	23.3	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C5	03 Aug 2015	5	19.97	83.73	7.8	33.34	8.2	23.5	0.73
C5	03 Aug 2015	6	19.44	81.83	8.0	33.34	8.2	23.6	0.94
C5	03 Aug 2015	7	18.23	83.15	8.0	33.34	8.2	23.9	1.18
C5	03 Aug 2015	8	16.31	85.07	7.7	33.34	8.1	24.4	1.18
C5	03 Aug 2015	9	15.52	84.70	7.6	33.29	8.1	24.5	0.69
C5	03 Aug 2015	10	15.30	83.64	7.6	33.29	8.1	24.6	0.66
C5	03 Aug 2015	11	15.26	82.38	7.7	33.29	8.1	24.6	0.67
C5	13 Aug 2015	1	21.82	81.61	7.9	33.37	8.2	23.0	0.63
C5	13 Aug 2015	2	21.60	83.07	8.1	33.38	8.3	23.1	0.69
C5	13 Aug 2015	3	21.55	84.38	8.2	33.38	8.3	23.1	0.77
C5	13 Aug 2015	4	21.42	85.77	8.0	33.37	8.3	23.1	0.84
C5	13 Aug 2015	5	20.70	86.47	8.0	33.35	8.3	23.3	0.99
C5	13 Aug 2015	6	19.55	86.83	8.6	33.32	8.2	23.6	1.05
C5	13 Aug 2015	7	19.03	87.47	8.9	33.32	8.3	23.7	1.24
C5	13 Aug 2015	8	18.49	87.36	9.2	33.30	8.3	23.9	3.11
C5	13 Aug 2015	9	18.21	86.10	8.7	33.31	8.3	23.9	4.21
C5	13 Aug 2015	10	18.02	86.23	8.1	33.31	8.2	24.0	1.55
C5	13 Aug 2015	11	17.83	86.91	8.0	33.31	8.2	24.0	1.00
C5	19 Aug 2015	1	21.79	88.22	7.9	33.35	8.2	23.0	0.80
C5	19 Aug 2015	2	21.55	88.14	8.0	33.34	8.2	23.1	0.81
C5	19 Aug 2015	3	21.38	88.19	8.0	33.34	8.2	23.1	0.87
C5	19 Aug 2015	4	21.31	87.90	8.0	33.34	8.2	23.1	0.88
C5	19 Aug 2015	5	21.19	87.76	7.8	33.33	8.2	23.2	0.91
C5	19 Aug 2015	6	20.89	87.86	7.3	33.32	8.2	23.2	0.91
C5	19 Aug 2015	7	20.58	88.31	6.9	33.40	8.2	23.4	0.90
C5	19 Aug 2015	8	20.49	89.16	6.5	33.49	8.2	23.5	0.95
C5	19 Aug 2015	9	20.41	84.57	6.7	33.53	8.2	23.5	0.90
C5	19 Aug 2015	10	20.00	80.07	7.7	33.80	8.2	23.9	2.37
C5	19 Aug 2015	11	19.58	81.61	7.8	34.02	8.2	24.1	5.38
C5	25 Aug 2015	1	22.59	89.22	7.4	33.45	8.0	22.9	1.01
C5	25 Aug 2015	2	22.58	89.34	7.5	33.45	8.0	22.9	1.03
C5	25 Aug 2015	3	22.53	89.46	7.5	33.44	8.0	22.9	1.02
C5	25 Aug 2015	4	22.35	89.65	7.4	33.43	8.0	22.9	1.02
C5	25 Aug 2015	5	22.02	90.26	7.6	33.42	8.0	23.0	1.10
C5	25 Aug 2015	6	21.72	90.66	7.6	33.40	8.0	23.1	1.34
C5	25 Aug 2015	7	21.25	90.09	7.5	33.37	8.0	23.2	1.61
C5	25 Aug 2015	8	20.52	89.75	7.2	33.35	8.0	23.4	1.77
C5	25 Aug 2015	9	20.10	90.00	6.5	33.38	7.9	23.5	1.73
C5	25 Aug 2015	10	19.71	87.50	6.6	33.68	7.9	23.8	1.96
C5	25 Aug 2015	11	19.29	89.01	6.7	33.80	7.9	24.0	1.49
C5	30 Aug 2015	1	23.86	84.08	7.2	33.43	8.2	22.5	0.58
C5	30 Aug 2015	2	23.80	84.08	7.3	33.42	8.2	22.5	0.62
C5	30 Aug 2015	3	23.64	83.98	7.2	33.41	8.2	22.5	0.65
C5	30 Aug 2015	4	23.29	84.99	7.0	33.41	8.2	22.6	0.75
C5	30 Aug 2015	5	22.56	76.79	7.1	33.38	8.2	22.8	0.80
C5	30 Aug 2015	6	22.12	79.45	7.1	33.37	8.2	22.9	0.79
C5	30 Aug 2015	7	21.70	84.37	7.1	33.37	8.2	23.1	0.84
C5	30 Aug 2015	8	21.29	85.50	7.1	33.35	8.2	23.2	0.82
C5	30 Aug 2015	9	20.93	85.33	7.1	33.35	8.1	23.3	0.79
C5	30 Aug 2015	10	20.73	83.15	7.1	33.36	8.1	23.3	0.75
C5	30 Aug 2015	11	20.73	79.88	7.1	33.36	8.1	23.3	0.77
A6	03 Aug 2015	1	19.94	84.48	8.2	33.32	8.2	23.5	1.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A6	03 Aug 2015	2	19.63	84.56	8.1	33.31	8.2	23.6	1.37
A6	03 Aug 2015	3	18.99	84.45	8.0	33.28	8.2	23.7	1.71
A6	03 Aug 2015	4	18.16	84.13	8.0	33.30	8.2	23.9	1.94
A6	03 Aug 2015	5	17.58	84.16	8.0	33.28	8.2	24.1	2.02
A6	03 Aug 2015	6	17.21	84.43	8.0	33.28	8.2	24.1	2.12
A6	03 Aug 2015	7	16.86	84.84	7.9	33.28	8.2	24.2	2.28
A6	03 Aug 2015	8	16.67	84.98	8.0	33.28	8.2	24.3	2.37
A6	03 Aug 2015	9	16.59	85.11	8.0	33.28	8.2	24.3	2.41
A6	03 Aug 2015	10	16.50	85.22	7.9	33.28	8.2	24.3	2.45
A6	03 Aug 2015	11	16.24	85.25	7.8	33.28	8.1	24.4	2.42
A6	03 Aug 2015	12	16.01	85.51	7.8	33.28	8.1	24.4	2.28
A6	03 Aug 2015	13	15.78	85.97	7.7	33.28	8.1	24.5	2.16
A6	03 Aug 2015	14	15.57	86.65	7.6	33.27	8.1	24.5	2.06
A6	03 Aug 2015	15	15.19	87.54	7.5	33.27	8.1	24.6	1.92
A6	03 Aug 2015	16	14.61	88.23	7.4	33.26	8.1	24.7	1.68
A6	03 Aug 2015	17	14.33	89.08	7.3	33.26	8.1	24.8	1.50
A6	03 Aug 2015	18	13.88	89.51	7.1	33.25	8.1	24.9	1.27
A6	03 Aug 2015	19	13.68	89.78	7.1	33.27	8.1	24.9	1.20
A6	13 Aug 2015	1	21.57	88.79	7.8	33.40	8.2	23.1	0.60
A6	13 Aug 2015	2	21.51	88.74	7.8	33.40	8.2	23.1	0.68
A6	13 Aug 2015	3	21.46	88.64	7.7	33.40	8.2	23.1	0.80
A6	13 Aug 2015	4	21.39	88.35	7.7	33.39	8.2	23.2	0.89
A6	13 Aug 2015	5	21.22	88.32	7.7	33.37	8.2	23.2	0.94
A6	13 Aug 2015	6	19.94	88.99	7.7	33.34	8.2	23.5	1.10
A6	13 Aug 2015	7	19.00	89.53	7.7	33.33	8.2	23.7	1.24
A6	13 Aug 2015	8	18.47	89.74	7.7	33.31	8.2	23.9	1.25
A6	13 Aug 2015	9	18.08	90.16	7.7	33.31	8.2	24.0	1.19
A6	13 Aug 2015	10	17.61	90.59	7.7	33.30	8.2	24.1	1.11
A6	13 Aug 2015	11	17.40	90.93	7.7	33.30	8.2	24.1	1.11
A6	13 Aug 2015	12	17.08	90.99	7.7	33.29	8.2	24.2	1.09
A6	13 Aug 2015	13	16.96	90.99	7.6	33.29	8.2	24.2	1.05
A6	13 Aug 2015	14	16.68	91.02	7.7	33.28	8.2	24.3	1.07
A6	13 Aug 2015	15	16.39	91.05	7.7	33.28	8.2	24.3	1.10
A6	13 Aug 2015	16	16.12	90.97	7.7	33.28	8.2	24.4	1.11
A6	13 Aug 2015	17	15.94	90.88	7.5	33.27	8.2	24.4	1.10
A6	13 Aug 2015	18	15.70	90.83	7.5	33.27	8.2	24.5	1.11
A6	13 Aug 2015	19	15.44	90.84	7.5	33.26	8.2	24.5	1.13
A6	13 Aug 2015	20	15.15	90.88	7.6	33.23	8.2	24.6	1.17
A6	19 Aug 2015	1	21.38	90.09	7.8	33.36	8.2	23.1	0.68
A6	19 Aug 2015	2	21.32	90.25	7.8	33.36	8.2	23.2	0.72
A6	19 Aug 2015	3	20.71	91.02	7.7	33.37	8.2	23.3	0.74
A6	19 Aug 2015	4	20.02	91.26	7.8	33.33	8.2	23.5	0.82
A6	19 Aug 2015	5	19.22	91.18	7.8	33.33	8.2	23.7	0.87
A6	19 Aug 2015	6	18.65	91.04	7.7	33.31	8.2	23.8	0.87
A6	19 Aug 2015	7	17.64	90.93	7.7	33.30	8.2	24.1	0.81
A6	19 Aug 2015	8	17.14	91.23	7.9	33.28	8.2	24.2	0.74
A6	19 Aug 2015	9	16.91	91.44	7.9	33.27	8.2	24.2	0.72
A6	19 Aug 2015	10	16.78	91.89	8.0	33.27	8.2	24.2	0.75
A6	19 Aug 2015	11	16.71	92.06	7.9	33.27	8.2	24.3	0.72
A6	19 Aug 2015	12	16.62	92.18	8.0	33.27	8.2	24.3	0.74
A6	19 Aug 2015	13	16.50	92.26	8.0	33.26	8.2	24.3	0.72
A6	19 Aug 2015	14	16.23	92.20	7.9	33.27	8.2	24.4	0.68
A6	19 Aug 2015	15	16.17	92.07	7.9	33.27	8.2	24.4	0.66
A6	19 Aug 2015	16	16.10	92.02	7.9	33.27	8.2	24.4	0.65
A6	19 Aug 2015	17	16.03	91.98	7.9	33.27	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)
A6	19 Aug 2015	18	15.87	91.99	7.8	33.27	8.2	24.4	0.55
A6	19 Aug 2015	19	15.76	91.90	7.8	33.27	8.2	24.5	0.51
A6	25 Aug 2015	1	22.10	89.34	7.7	33.43	8.0	23.0	1.27
A6	25 Aug 2015	2	22.04	89.36	7.6	33.43	8.0	23.0	1.28
A6	25 Aug 2015	3	21.99	89.40	7.6	33.43	8.0	23.0	1.31
A6	25 Aug 2015	4	21.87	89.57	7.6	33.42	8.0	23.1	1.33
A6	25 Aug 2015	5	21.57	89.51	7.7	33.41	8.0	23.1	1.33
A6	25 Aug 2015	6	21.48	89.44	7.7	33.40	8.0	23.1	1.33
A6	25 Aug 2015	7	21.30	89.42	7.7	33.39	8.0	23.2	1.36
A6	25 Aug 2015	8	21.14	89.41	7.7	33.39	8.0	23.2	1.35
A6	25 Aug 2015	9	20.96	89.45	7.7	33.38	8.0	23.3	1.39
A6	25 Aug 2015	10	20.70	89.46	7.7	33.37	8.0	23.3	1.42
A6	25 Aug 2015	11	20.47	89.45	7.7	33.36	8.0	23.4	1.45
A6	25 Aug 2015	12	20.01	89.48	7.8	33.34	8.0	23.5	1.43
A6	25 Aug 2015	13	19.38	89.64	7.9	33.31	8.0	23.6	1.38
A6	25 Aug 2015	14	18.98	89.99	8.0	33.31	8.0	23.7	1.32
A6	25 Aug 2015	15	18.58	90.37	8.0	33.30	8.0	23.8	1.24
A6	25 Aug 2015	16	18.47	90.75	7.9	33.31	8.0	23.9	1.12
A6	25 Aug 2015	17	18.35	90.95	7.6	33.31	7.9	23.9	0.98
A6	25 Aug 2015	18	18.18	90.93	7.3	33.30	7.9	23.9	0.88
A6	25 Aug 2015	19	17.98	90.87	7.2	33.31	7.9	24.0	0.79
A6	30 Aug 2015	1	23.53	89.77	7.5	33.44	8.2	22.6	0.51
A6	30 Aug 2015	2	23.53	90.20	7.5	33.44	8.2	22.6	0.54
A6	30 Aug 2015	3	23.43	90.19	7.5	33.43	8.2	22.6	0.57
A6	30 Aug 2015	4	23.00	90.22	7.5	33.42	8.2	22.7	0.67
A6	30 Aug 2015	5	22.65	90.67	7.4	33.41	8.2	22.8	0.81
A6	30 Aug 2015	6	22.11	90.89	7.5	33.40	8.2	23.0	0.72
A6	30 Aug 2015	7	21.56	91.36	7.4	33.37	8.2	23.1	0.68
A6	30 Aug 2015	8	20.92	91.80	7.5	33.35	8.2	23.3	0.71
A6	30 Aug 2015	9	20.42	92.01	7.5	33.35	8.2	23.4	0.72
A6	30 Aug 2015	10	19.90	92.19	7.5	33.32	8.2	23.5	0.78
A6	30 Aug 2015	11	19.20	92.07	7.5	33.31	8.2	23.7	0.85
A6	30 Aug 2015	12	18.76	91.85	7.6	33.31	8.2	23.8	0.88
A6	30 Aug 2015	13	18.54	91.80	7.6	33.30	8.2	23.8	0.88
A6	30 Aug 2015	14	18.41	91.42	7.7	33.31	8.2	23.9	0.86
A6	30 Aug 2015	15	18.27	91.57	7.7	33.31	8.2	23.9	0.86
A6	30 Aug 2015	16	18.05	91.54	7.7	33.30	8.2	24.0	0.86
A6	30 Aug 2015	17	17.83	91.43	7.7	33.30	8.2	24.0	0.85
A6	30 Aug 2015	18	17.59	91.34	7.6	33.29	8.2	24.1	0.82
A6	30 Aug 2015	19	17.21	91.35	7.6	33.29	8.2	24.1	0.75
A6	30 Aug 2015	20	16.75	91.31	7.6	33.28	8.2	24.3	0.71
C6	03 Aug 2015	1	21.10	79.57	7.2	33.34	8.2	23.2	0.59
C6	03 Aug 2015	2	20.62	79.62	7.4	33.35	8.2	23.3	0.62
C6	03 Aug 2015	3	20.08	79.97	7.6	33.34	8.2	23.5	0.69
C6	03 Aug 2015	4	19.33	81.66	8.1	33.34	8.2	23.7	0.82
C6	03 Aug 2015	5	18.80	83.02	8.1	33.32	8.2	23.8	0.98
C6	03 Aug 2015	6	17.79	84.03	8.0	33.32	8.2	24.0	1.19
C6	03 Aug 2015	7	17.22	84.83	7.8	33.31	8.2	24.2	1.34
C6	03 Aug 2015	8	16.71	84.62	7.4	33.30	8.2	24.3	1.15
C6	03 Aug 2015	9	16.18	83.67	7.1	33.29	8.2	24.4	0.82
C6	03 Aug 2015	10	16.01	80.69	7.1	33.29	8.2	24.4	0.70
C6	13 Aug 2015	1	21.68	80.75	7.6	33.37	8.2	23.1	0.64
C6	13 Aug 2015	2	21.60	81.68	7.7	33.38	8.2	23.1	0.66

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C6	13 Aug 2015	3	21.58	82.94	7.6	33.37	8.2	23.1	0.69
C6	13 Aug 2015	4	21.38	83.24	7.8	33.37	8.2	23.2	0.81
C6	13 Aug 2015	5	20.84	83.86	8.0	33.34	8.2	23.3	0.96
C6	13 Aug 2015	6	19.91	84.89	8.1	33.33	8.2	23.5	1.46
C6	13 Aug 2015	7	19.32	85.69	8.0	33.33	8.2	23.7	1.79
C6	13 Aug 2015	8	18.85	85.15	7.6	33.31	8.2	23.8	1.21
C6	13 Aug 2015	9	18.43	84.28	7.2	33.31	8.2	23.9	0.72
C6	13 Aug 2015	10	18.38	79.60	7.1	33.32	8.2	23.9	0.59
C6	19 Aug 2015	1	21.98	88.93	8.2	33.36	8.3	23.0	0.57
C6	19 Aug 2015	2	21.68	89.15	8.1	33.35	8.3	23.1	0.59
C6	19 Aug 2015	3	21.33	89.28	8.0	33.34	8.2	23.1	0.64
C6	19 Aug 2015	4	21.15	89.81	7.9	33.34	8.2	23.2	0.70
C6	19 Aug 2015	5	20.90	90.13	8.1	33.33	8.2	23.3	0.71
C6	19 Aug 2015	6	20.70	90.28	8.2	33.33	8.2	23.3	0.74
C6	19 Aug 2015	7	20.49	90.16	8.2	33.33	8.2	23.4	0.81
C6	19 Aug 2015	8	20.17	89.98	8.2	33.32	8.2	23.4	0.95
C6	19 Aug 2015	9	19.54	89.39	8.1	33.30	8.2	23.6	0.81
C6	19 Aug 2015	10	19.18	88.39	8.1	33.32	8.2	23.7	0.59
C6	25 Aug 2015	1	22.89	88.55	7.5	33.44	8.0	22.8	0.90
C6	25 Aug 2015	2	22.88	88.62	7.5	33.45	8.0	22.8	0.90
C6	25 Aug 2015	3	22.85	89.21	7.5	33.45	8.0	22.8	0.89
C6	25 Aug 2015	4	22.45	89.66	7.6	33.42	8.0	22.9	0.88
C6	25 Aug 2015	5	21.93	90.36	7.6	33.40	8.0	23.0	0.75
C6	25 Aug 2015	6	21.50	90.56	7.5	33.39	8.0	23.1	0.78
C6	25 Aug 2015	7	21.11	90.47	7.2	33.37	7.9	23.2	0.78
C6	25 Aug 2015	8	20.43	90.16	6.8	33.35	7.9	23.4	0.96
C6	25 Aug 2015	9	19.92	88.31	6.3	33.34	7.8	23.5	1.07
C6	25 Aug 2015	10	19.66	86.76	6.2	33.34	7.8	23.6	0.82
C6	30 Aug 2015	2	23.73	87.52	7.3	33.44	8.2	22.5	0.57
C6	30 Aug 2015	3	23.66	88.61	7.3	33.43	8.2	22.6	0.58
C6	30 Aug 2015	4	23.14	89.38	7.3	33.40	8.2	22.7	0.63
C6	30 Aug 2015	5	22.64	89.22	7.3	33.40	8.2	22.8	0.72
C6	30 Aug 2015	6	22.20	87.94	7.5	33.38	8.2	22.9	0.89
C6	30 Aug 2015	7	21.90	86.97	7.4	33.38	8.2	23.0	0.97
C6	30 Aug 2015	8	21.64	86.92	7.2	33.37	8.2	23.1	0.98
C6	30 Aug 2015	9	21.29	85.57	7.0	33.37	8.2	23.2	0.89
C6	30 Aug 2015	10	21.00	82.95	6.6	33.37	8.1	23.3	0.74
C6	30 Aug 2015	11	20.92	81.35	6.6	33.37	8.1	23.3	0.70
A7	03 Aug 2015	1	19.36	85.06	8.1	33.32	8.2	23.6	1.07
A7	03 Aug 2015	2	19.35	85.09	8.0	33.33	8.2	23.7	1.12
A7	03 Aug 2015	3	19.10	85.25	8.0	33.33	8.2	23.7	1.21
A7	03 Aug 2015	4	18.99	85.16	8.0	33.33	8.2	23.7	1.35
A7	03 Aug 2015	5	18.90	85.08	8.0	33.33	8.2	23.8	1.56
A7	03 Aug 2015	6	18.85	84.87	7.8	33.33	8.2	23.8	1.66
A7	03 Aug 2015	7	18.75	83.82	7.8	33.33	8.2	23.8	1.71
A7	03 Aug 2015	8	18.69	83.59	8.0	33.34	8.2	23.8	1.76
A7	03 Aug 2015	9	18.62	84.16	8.0	33.32	8.2	23.8	1.83
A7	03 Aug 2015	10	18.41	84.95	7.9	33.32	8.2	23.9	1.91
A7	03 Aug 2015	11	18.06	85.64	7.9	33.31	8.2	24.0	1.98
A7	03 Aug 2015	12	17.55	85.97	7.9	33.30	8.2	24.1	2.01
A7	03 Aug 2015	13	16.87	85.95	7.9	33.29	8.2	24.2	2.12
A7	03 Aug 2015	14	16.59	85.91	8.0	33.29	8.2	24.3	2.21
A7	03 Aug 2015	15	16.42	85.96	8.0	33.28	8.2	24.3	2.27

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A7	03 Aug 2015	16	16.29	86.05	7.8	33.28	8.2	24.4	2.26
A7	03 Aug 2015	17	15.96	86.35	7.7	33.28	8.1	24.4	2.11
A7	03 Aug 2015	18	15.08	87.00	7.4	33.25	8.1	24.6	1.83
A7	03 Aug 2015	19	14.08	88.68	7.3	33.23	8.1	24.8	1.57
A7	03 Aug 2015	20	13.52	89.67	7.3	33.25	8.1	24.9	1.41
A7	13 Aug 2015	1	21.55	88.50	8.2	33.41	8.3	23.1	0.78
A7	13 Aug 2015	2	21.55	88.75	8.2	33.41	8.3	23.1	0.80
A7	13 Aug 2015	3	21.54	89.45	8.2	33.41	8.3	23.1	0.82
A7	13 Aug 2015	4	21.53	89.68	8.2	33.41	8.3	23.1	0.85
A7	13 Aug 2015	5	21.51	89.56	8.2	33.41	8.3	23.1	0.88
A7	13 Aug 2015	6	21.40	89.47	8.1	33.40	8.3	23.2	0.92
A7	13 Aug 2015	7	21.22	89.38	8.0	33.39	8.3	23.2	0.99
A7	13 Aug 2015	8	20.74	89.32	7.9	33.37	8.2	23.3	1.09
A7	13 Aug 2015	9	20.03	89.18	7.9	33.35	8.2	23.5	1.15
A7	13 Aug 2015	10	19.30	89.31	7.9	33.33	8.2	23.7	1.15
A7	13 Aug 2015	11	18.62	89.79	7.9	33.31	8.2	23.8	1.14
A7	13 Aug 2015	12	18.02	90.17	8.0	33.31	8.2	24.0	1.13
A7	13 Aug 2015	13	17.72	90.54	8.0	33.31	8.2	24.0	1.13
A7	13 Aug 2015	14	17.49	90.71	7.9	33.30	8.2	24.1	1.11
A7	13 Aug 2015	15	17.30	90.80	7.9	33.30	8.2	24.1	1.12
A7	13 Aug 2015	16	17.08	90.75	7.7	33.28	8.2	24.2	1.08
A7	13 Aug 2015	17	16.53	90.82	7.5	33.28	8.2	24.3	1.00
A7	13 Aug 2015	18	16.06	91.00	7.4	33.27	8.2	24.4	0.91
A7	13 Aug 2015	19	15.55	90.98	7.2	33.23	8.1	24.5	0.82
A7	13 Aug 2015	20	14.93	90.55	7.2	33.25	8.1	24.6	0.79
A7	19 Aug 2015	1	21.45	88.38	8.0	33.35	8.2	23.1	1.02
A7	19 Aug 2015	2	21.46	88.31	8.0	33.35	8.2	23.1	1.07
A7	19 Aug 2015	3	21.43	88.08	8.1	33.35	8.2	23.1	1.08
A7	19 Aug 2015	4	21.32	88.56	8.0	33.34	8.2	23.1	1.05
A7	19 Aug 2015	5	21.18	89.09	8.0	33.33	8.2	23.2	1.00
A7	19 Aug 2015	6	20.71	89.43	8.0	33.34	8.2	23.3	0.98
A7	19 Aug 2015	7	20.41	89.77	7.9	33.32	8.2	23.4	1.00
A7	19 Aug 2015	8	20.14	90.23	7.9	33.31	8.2	23.4	1.04
A7	19 Aug 2015	9	19.68	90.42	7.9	33.30	8.2	23.6	1.08
A7	19 Aug 2015	10	18.52	90.31	7.8	33.25	8.2	23.8	0.99
A7	19 Aug 2015	11	17.28	90.23	8.1	33.26	8.2	24.1	0.81
A7	19 Aug 2015	12	16.87	91.02	8.2	33.26	8.2	24.2	0.71
A7	19 Aug 2015	13	16.78	91.81	8.2	33.26	8.2	24.2	0.68
A7	19 Aug 2015	14	16.71	92.31	8.1	33.26	8.2	24.2	0.66
A7	19 Aug 2015	15	16.65	92.44	8.1	33.26	8.2	24.3	0.66
A7	19 Aug 2015	16	16.50	92.53	8.0	33.27	8.2	24.3	0.69
A7	19 Aug 2015	17	16.18	92.44	7.8	33.27	8.2	24.4	0.66
A7	19 Aug 2015	18	16.05	92.15	7.8	33.27	8.2	24.4	0.71
A7	25 Aug 2015	1	21.84	85.66	7.6	33.42	8.0	23.1	1.38
A7	25 Aug 2015	2	21.82	86.60	7.6	33.42	8.0	23.1	1.26
A7	25 Aug 2015	3	21.77	87.64	7.6	33.41	8.0	23.1	1.20
A7	25 Aug 2015	4	21.57	89.13	7.5	33.40	8.0	23.1	1.20
A7	25 Aug 2015	5	21.33	89.44	7.5	33.39	8.0	23.2	1.19
A7	25 Aug 2015	6	20.96	89.65	7.6	33.38	8.0	23.3	1.20
A7	25 Aug 2015	7	20.79	89.71	7.6	33.38	8.0	23.3	1.31
A7	25 Aug 2015	8	20.69	89.53	7.6	33.37	8.0	23.3	1.41
A7	25 Aug 2015	9	20.54	89.31	7.6	33.37	8.0	23.4	1.30
A7	25 Aug 2015	10	20.38	89.39	7.6	33.36	8.0	23.4	1.34
A7	25 Aug 2015	11	19.96	89.48	7.5	33.34	8.0	23.5	1.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
A7	25 Aug 2015	12	19.50	89.63	7.4	33.31	8.0	23.6	1.44
A7	25 Aug 2015	13	19.00	89.55	7.4	33.33	7.9	23.7	1.32
A7	25 Aug 2015	14	18.80	89.74	7.4	33.31	7.9	23.8	1.27
A7	25 Aug 2015	15	18.50	89.93	7.4	33.31	7.9	23.9	1.19
A7	25 Aug 2015	16	18.23	89.99	7.3	33.31	7.9	23.9	1.01
A7	25 Aug 2015	17	17.99	90.22	7.3	33.30	7.9	24.0	0.93
A7	25 Aug 2015	18	17.90	90.32	7.3	33.30	7.9	24.0	0.93
A7	25 Aug 2015	19	17.75	90.19	7.4	33.30	7.9	24.0	0.93
A7	25 Aug 2015	20	17.70	90.17	7.4	33.30	7.9	24.0	0.91
A7	30 Aug 2015	1	23.49	87.61	7.6	33.43	8.2	22.6	0.69
A7	30 Aug 2015	2	23.47	88.41	7.6	33.43	8.2	22.6	0.66
A7	30 Aug 2015	3	23.20	89.08	7.5	33.43	8.2	22.7	0.67
A7	30 Aug 2015	4	22.73	89.78	7.4	33.42	8.2	22.8	0.67
A7	30 Aug 2015	5	22.45	90.41	7.4	33.41	8.2	22.9	0.72
A7	30 Aug 2015	6	21.96	90.97	7.5	33.41	8.2	23.0	0.73
A7	30 Aug 2015	7	21.63	91.00	7.5	33.39	8.2	23.1	0.71
A7	30 Aug 2015	8	21.27	91.31	7.5	33.39	8.2	23.2	0.66
A7	30 Aug 2015	9	20.85	91.52	7.5	33.38	8.2	23.3	0.65
A7	30 Aug 2015	10	20.15	92.09	7.6	33.36	8.2	23.5	0.65
A7	30 Aug 2015	11	19.55	92.24	7.6	33.33	8.2	23.6	0.72
A7	30 Aug 2015	12	19.12	92.17	7.7	33.33	8.2	23.7	0.78
A7	30 Aug 2015	13	18.76	91.99	7.7	33.32	8.2	23.8	0.81
A7	30 Aug 2015	14	18.41	91.88	7.7	33.31	8.2	23.9	0.84
A7	30 Aug 2015	15	18.02	91.58	7.6	33.29	8.2	24.0	0.86
A7	30 Aug 2015	16	17.63	91.26	7.7	33.29	8.2	24.1	0.84
A7	30 Aug 2015	17	17.55	91.16	7.6	33.29	8.2	24.1	0.80
A7	30 Aug 2015	18	17.17	90.88	7.5	33.26	8.1	24.1	0.76
A7	30 Aug 2015	19	16.87	90.01	7.6	33.28	8.1	24.2	0.75
A7	30 Aug 2015	20	16.64	89.32	7.6	33.27	8.1	24.3	0.72
C7	03 Aug 2015	1	19.65	84.66	9.4	33.34	8.3	23.6	1.84
C7	03 Aug 2015	2	19.52	84.59	9.1	33.34	8.3	23.6	2.00
C7	03 Aug 2015	3	19.09	85.18	8.7	33.32	8.2	23.7	2.18
C7	03 Aug 2015	4	18.66	85.33	8.4	33.33	8.2	23.8	2.32
C7	03 Aug 2015	5	18.08	85.63	8.1	33.32	8.2	24.0	2.39
C7	03 Aug 2015	6	17.60	85.63	7.9	33.31	8.2	24.1	2.42
C7	03 Aug 2015	7	17.07	85.85	7.8	33.31	8.2	24.2	2.42
C7	03 Aug 2015	8	16.78	86.19	7.6	33.29	8.1	24.3	2.30
C7	03 Aug 2015	9	16.07	86.65	7.5	33.30	8.1	24.4	2.18
C7	03 Aug 2015	10	15.79	87.29	7.5	33.29	8.1	24.5	2.13
C7	03 Aug 2015	11	15.51	87.72	7.3	33.28	8.1	24.5	2.08
C7	03 Aug 2015	12	15.19	88.14	7.3	33.28	8.1	24.6	1.99
C7	03 Aug 2015	13	14.95	88.73	7.3	33.29	8.1	24.7	1.85
C7	03 Aug 2015	14	14.79	89.10	7.2	33.28	8.1	24.7	1.76
C7	03 Aug 2015	15	14.59	89.29	7.0	33.28	8.1	24.7	1.61
C7	03 Aug 2015	16	14.40	89.61	7.0	33.28	8.1	24.8	1.44
C7	03 Aug 2015	17	14.31	89.71	6.8	33.28	8.1	24.8	1.22
C7	03 Aug 2015	18	14.16	88.52	6.7	33.28	8.1	24.8	1.05
C7	03 Aug 2015	19	14.16	87.81	6.7	33.29	8.0	24.8	0.96
C7	13 Aug 2015	1	21.55	84.35	7.9	33.38	8.2	23.1	1.11
C7	13 Aug 2015	2	21.52	84.42	8.0	33.38	8.2	23.1	1.08
C7	13 Aug 2015	3	21.48	84.69	7.9	33.38	8.2	23.1	1.13
C7	13 Aug 2015	4	21.29	84.70	7.7	33.37	8.2	23.2	1.15
C7	13 Aug 2015	5	20.70	84.92	7.6	33.35	8.2	23.3	1.29
C7	13 Aug 2015	6	19.76	84.65	7.5	33.33	8.2	23.6	1.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	13 Aug 2015	7	18.93	84.61	7.4	33.32	8.2	23.7	1.39
C7	13 Aug 2015	8	18.25	85.73	7.6	33.31	8.2	23.9	1.43
C7	13 Aug 2015	9	17.90	86.00	7.8	33.29	8.2	24.0	1.48
C7	13 Aug 2015	10	17.61	86.04	8.0	33.30	8.2	24.1	1.48
C7	13 Aug 2015	11	17.45	86.24	7.9	33.30	8.2	24.1	1.48
C7	13 Aug 2015	12	17.26	86.50	8.0	33.31	8.2	24.2	1.49
C7	13 Aug 2015	13	17.14	86.64	8.0	33.30	8.2	24.2	1.50
C7	13 Aug 2015	14	16.97	86.87	7.9	33.30	8.2	24.2	1.51
C7	13 Aug 2015	15	16.73	86.87	7.8	33.29	8.2	24.3	1.51
C7	13 Aug 2015	16	16.49	86.82	7.7	33.29	8.2	24.3	1.46
C7	13 Aug 2015	17	16.21	87.08	7.6	33.28	8.2	24.4	1.31
C7	13 Aug 2015	18	15.83	87.12	7.3	33.27	8.2	24.5	1.00
C7	19 Aug 2015	1	21.94	92.00	7.7	33.41	8.2	23.0	0.62
C7	19 Aug 2015	2	21.93	91.88	7.7	33.42	8.2	23.0	0.65
C7	19 Aug 2015	3	21.91	92.19	7.6	33.41	8.2	23.0	0.66
C7	19 Aug 2015	4	21.78	92.17	7.5	33.41	8.2	23.1	0.72
C7	19 Aug 2015	5	20.92	91.29	7.6	33.35	8.2	23.3	0.93
C7	19 Aug 2015	6	20.69	90.95	7.5	33.38	8.2	23.3	1.03
C7	19 Aug 2015	7	20.24	90.42	7.6	33.32	8.2	23.4	1.13
C7	19 Aug 2015	8	19.74	90.45	7.6	33.32	8.2	23.5	1.14
C7	19 Aug 2015	9	18.71	90.63	7.8	33.29	8.2	23.8	1.08
C7	19 Aug 2015	10	18.29	90.77	7.8	33.27	8.2	23.9	1.01
C7	19 Aug 2015	11	17.64	91.13	7.8	33.28	8.2	24.0	0.92
C7	19 Aug 2015	12	17.21	91.02	7.7	33.27	8.2	24.1	0.87
C7	19 Aug 2015	13	16.97	90.95	7.6	33.27	8.2	24.2	0.79
C7	19 Aug 2015	14	16.79	90.93	7.4	33.27	8.2	24.2	0.71
C7	19 Aug 2015	15	16.53	90.81	7.3	33.27	8.2	24.3	0.73
C7	19 Aug 2015	16	16.28	90.41	7.4	33.27	8.2	24.3	0.61
C7	19 Aug 2015	17	16.18	90.37	7.3	33.27	8.2	24.4	0.57
C7	19 Aug 2015	18	16.18	90.40	7.3	33.27	8.2	24.4	0.54
C7	25 Aug 2015	1	22.47	89.42	7.4	33.46	8.0	22.9	0.93
C7	25 Aug 2015	2	22.47	89.52	7.5	33.46	8.0	22.9	0.99
C7	25 Aug 2015	3	22.48	89.61	7.4	33.46	8.0	22.9	0.96
C7	25 Aug 2015	4	22.46	89.71	7.4	33.46	8.0	22.9	0.95
C7	25 Aug 2015	5	22.42	90.17	7.3	33.45	8.0	22.9	0.94
C7	25 Aug 2015	6	22.11	90.42	7.4	33.43	8.0	23.0	1.00
C7	25 Aug 2015	7	21.80	90.50	7.4	33.40	8.0	23.1	1.11
C7	25 Aug 2015	8	21.32	90.30	7.6	33.40	8.0	23.2	1.21
C7	25 Aug 2015	9	21.10	90.23	7.6	33.38	8.0	23.2	1.26
C7	25 Aug 2015	10	20.68	89.96	7.6	33.36	8.0	23.3	1.27
C7	25 Aug 2015	11	20.14	89.95	7.7	33.35	8.0	23.5	1.28
C7	25 Aug 2015	12	19.61	90.07	7.6	33.33	8.0	23.6	1.32
C7	25 Aug 2015	13	19.12	90.28	7.5	33.32	7.9	23.7	1.32
C7	25 Aug 2015	14	18.69	90.36	7.2	33.31	7.9	23.8	1.17
C7	25 Aug 2015	15	18.38	90.48	6.7	33.30	7.9	23.9	0.88
C7	25 Aug 2015	16	18.14	90.68	6.3	33.31	7.8	23.9	0.65
C7	25 Aug 2015	17	17.70	90.72	6.2	33.27	7.8	24.0	0.55
C7	25 Aug 2015	18	17.35	89.92	6.3	33.29	7.8	24.1	0.54
C7	25 Aug 2015	19	17.27	89.40	NA	33.29	7.8	24.1	NA
C7	30 Aug 2015	1	23.29	88.88	7.7	33.43	8.2	22.7	0.90
C7	30 Aug 2015	2	23.19	88.95	7.6	33.43	8.2	22.7	0.88
C7	30 Aug 2015	3	23.04	89.35	7.5	33.42	8.2	22.7	0.83
C7	30 Aug 2015	4	22.52	89.84	7.4	33.40	8.2	22.9	0.72
C7	30 Aug 2015	5	22.01	90.22	7.5	33.41	8.2	23.0	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C7	30 Aug 2015	6	21.65	91.29	7.5	33.40	8.2	23.1	0.50
C7	30 Aug 2015	7	21.40	91.95	7.6	33.39	8.2	23.2	0.45
C7	30 Aug 2015	8	21.05	92.54	7.7	33.37	8.2	23.2	0.41
C7	30 Aug 2015	9	20.79	92.82	7.7	33.38	8.2	23.3	0.40
C7	30 Aug 2015	10	20.48	93.06	7.7	33.36	8.2	23.4	0.39
C7	30 Aug 2015	11	20.17	93.20	7.7	33.37	8.2	23.5	0.38
C7	30 Aug 2015	12	19.93	93.30	7.8	33.36	8.2	23.5	0.43
C7	30 Aug 2015	13	19.71	93.33	7.7	33.35	8.2	23.6	0.50
C7	30 Aug 2015	14	19.46	93.13	7.7	33.34	8.2	23.6	0.62
C7	30 Aug 2015	15	19.30	92.82	7.6	33.34	8.2	23.7	0.70
C7	30 Aug 2015	16	18.98	92.42	7.5	33.33	8.2	23.8	0.79
C7	30 Aug 2015	17	18.63	91.10	7.3	33.31	8.2	23.8	0.80
C7	30 Aug 2015	18	17.98	90.11	7.2	33.29	8.1	24.0	0.72
C7	30 Aug 2015	19	17.60	88.30	7.2	33.30	8.1	24.1	0.65
C7	30 Aug 2015	20	17.56	87.04	7.2	33.30	8.1	24.1	0.65
C8	03 Aug 2015	1	19.77	83.84	7.8	33.32	8.2	23.5	1.13
C8	03 Aug 2015	2	19.42	83.91	7.8	33.43	8.2	23.7	1.14
C8	03 Aug 2015	3	18.91	84.29	7.9	33.37	8.2	23.8	1.16
C8	03 Aug 2015	4	18.84	84.41	7.9	33.34	8.2	23.8	1.21
C8	03 Aug 2015	5	18.30	84.11	8.0	33.35	8.2	23.9	1.35
C8	03 Aug 2015	6	17.55	84.13	8.2	33.34	8.2	24.1	1.52
C8	03 Aug 2015	7	17.22	84.26	8.3	33.31	8.2	24.2	1.69
C8	03 Aug 2015	8	16.86	84.57	8.3	33.31	8.2	24.2	1.74
C8	03 Aug 2015	9	16.45	84.93	8.0	33.31	8.2	24.3	2.04
C8	03 Aug 2015	10	16.12	84.34	7.6	33.30	8.1	24.4	2.47
C8	03 Aug 2015	11	15.50	84.06	7.3	33.30	8.1	24.6	2.42
C8	03 Aug 2015	12	15.04	85.89	7.1	33.29	8.1	24.6	1.95
C8	03 Aug 2015	13	14.51	87.81	6.9	33.30	8.1	24.8	1.47
C8	03 Aug 2015	14	14.27	89.06	6.6	33.29	8.0	24.8	1.15
C8	03 Aug 2015	15	14.10	89.26	6.6	33.29	8.0	24.8	0.99
C8	03 Aug 2015	16	14.07	89.32	6.6	33.29	8.0	24.9	0.95
C8	03 Aug 2015	17	14.01	89.29	6.6	33.29	8.0	24.9	0.95
C8	03 Aug 2015	18	14.01	89.20	6.6	33.29	8.0	24.9	0.98
C8	03 Aug 2015	19	13.99	89.27	6.5	33.29	8.0	24.9	1.00
C8	03 Aug 2015	20	14.00	89.38	6.6	33.29	8.0	24.9	0.99
C8	13 Aug 2015	1	21.26	85.71	7.4	33.37	8.2	23.2	0.63
C8	13 Aug 2015	2	20.93	86.18	7.5	33.36	8.2	23.3	0.69
C8	13 Aug 2015	3	20.36	86.49	7.7	33.34	8.2	23.4	0.79
C8	13 Aug 2015	4	19.81	86.23	7.8	33.31	8.2	23.5	0.87
C8	13 Aug 2015	5	19.14	85.78	8.0	33.32	8.2	23.7	0.90
C8	13 Aug 2015	6	18.89	86.11	8.0	33.31	8.2	23.8	0.97
C8	13 Aug 2015	7	18.51	86.57	8.1	33.31	8.2	23.9	1.05
C8	13 Aug 2015	8	18.18	86.86	8.1	33.31	8.2	23.9	1.17
C8	13 Aug 2015	9	17.86	87.26	8.1	33.31	8.2	24.0	1.19
C8	13 Aug 2015	10	17.70	87.88	8.1	33.31	8.2	24.0	1.31
C8	13 Aug 2015	11	17.49	87.78	8.1	33.30	8.2	24.1	1.36
C8	13 Aug 2015	12	17.39	87.92	8.1	33.31	8.2	24.1	1.37
C8	13 Aug 2015	13	17.32	87.95	8.1	33.31	8.2	24.1	1.35
C8	13 Aug 2015	14	17.23	88.52	8.1	33.31	8.2	24.2	1.27
C8	13 Aug 2015	15	17.00	88.96	8.1	33.30	8.2	24.2	1.34
C8	13 Aug 2015	16	16.86	89.15	8.0	33.30	8.2	24.2	1.40
C8	13 Aug 2015	17	16.65	89.17	8.0	33.29	8.2	24.3	1.38
C8	13 Aug 2015	18	16.45	89.05	7.8	33.28	8.2	24.3	1.23
C8	13 Aug 2015	19	15.98	89.02	7.8	33.28	8.2	24.4	1.09

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
C8	19 Aug 2015	1	22.04	92.39	7.4	33.41	8.2	23.0	0.47
C8	19 Aug 2015	2	21.43	92.33	7.5	33.37	8.2	23.1	0.55
C8	19 Aug 2015	3	20.98	91.96	7.6	33.35	8.2	23.2	0.59
C8	19 Aug 2015	4	20.60	91.51	7.6	33.34	8.2	23.3	0.63
C8	19 Aug 2015	5	20.44	91.32	7.6	33.33	8.2	23.4	0.68
C8	19 Aug 2015	6	20.32	91.22	7.7	33.33	8.2	23.4	0.73
C8	19 Aug 2015	7	20.12	91.12	7.7	33.32	8.2	23.5	0.76
C8	19 Aug 2015	8	19.93	91.09	7.8	33.33	8.2	23.5	0.81
C8	19 Aug 2015	9	19.84	90.96	7.8	33.32	8.2	23.5	0.85
C8	19 Aug 2015	10	19.44	90.90	8.0	33.32	8.2	23.6	0.98
C8	19 Aug 2015	11	19.11	90.78	8.0	33.30	8.2	23.7	1.19
C8	19 Aug 2015	12	18.79	89.46	8.0	33.31	8.2	23.8	1.49
C8	19 Aug 2015	13	18.44	88.63	7.8	33.29	8.2	23.9	1.65
C8	19 Aug 2015	14	17.91	88.19	7.9	33.29	8.2	24.0	1.25
C8	19 Aug 2015	15	17.66	89.58	7.9	33.28	8.2	24.0	1.03
C8	19 Aug 2015	16	17.38	90.92	7.8	33.27	8.2	24.1	0.91
C8	19 Aug 2015	17	17.01	91.55	7.5	33.26	8.2	24.2	0.90
C8	19 Aug 2015	18	16.12	91.42	7.5	33.25	8.2	24.4	0.69
C8	19 Aug 2015	19	15.81	90.74	7.5	33.26	8.2	24.4	0.58
C8	19 Aug 2015	20	15.78	90.19	7.5	33.26	8.2	24.5	0.57
C8	25 Aug 2015	1	22.24	89.07	7.5	33.44	8.0	23.0	1.23
C8	25 Aug 2015	2	22.19	88.88	7.5	33.44	8.0	23.0	1.21
C8	25 Aug 2015	3	22.20	89.22	7.5	33.44	8.0	23.0	1.23
C8	25 Aug 2015	4	22.16	89.30	7.6	33.44	8.0	23.0	1.21
C8	25 Aug 2015	5	22.06	89.39	7.6	33.43	8.0	23.0	1.16
C8	25 Aug 2015	6	22.05	89.58	7.6	33.43	8.0	23.0	1.16
C8	25 Aug 2015	7	22.06	89.78	7.6	33.43	8.0	23.0	1.15
C8	25 Aug 2015	8	21.85	89.86	7.6	33.42	8.0	23.1	1.13
C8	25 Aug 2015	9	21.55	90.10	7.7	33.40	8.0	23.1	1.14
C8	25 Aug 2015	10	21.09	90.36	7.6	33.37	8.0	23.2	1.20
C8	25 Aug 2015	11	20.26	90.37	7.7	33.36	8.0	23.4	1.31
C8	25 Aug 2015	12	19.98	90.55	7.8	33.34	8.0	23.5	1.36
C8	25 Aug 2015	13	19.59	90.72	7.7	33.32	8.0	23.6	1.53
C8	25 Aug 2015	14	19.08	90.30	7.5	33.32	7.9	23.7	1.59
C8	25 Aug 2015	15	18.60	89.98	7.1	33.31	7.9	23.8	1.39
C8	25 Aug 2015	16	18.37	89.73	6.7	33.31	7.9	23.9	1.14
C8	25 Aug 2015	17	17.99	89.61	6.2	33.28	7.8	24.0	0.84
C8	25 Aug 2015	18	17.47	89.59	6.2	33.28	7.8	24.1	0.65
C8	25 Aug 2015	19	17.07	89.43	6.7	33.28	7.8	24.2	0.71
C8	30 Aug 2015	2	23.43	89.11	7.6	33.44	8.2	22.6	0.75
C8	30 Aug 2015	3	23.36	89.53	7.6	33.43	8.2	22.6	0.77
C8	30 Aug 2015	4	23.08	89.76	7.5	33.40	8.2	22.7	0.83
C8	30 Aug 2015	5	22.48	89.94	7.4	33.35	8.2	22.8	0.89
C8	30 Aug 2015	6	21.56	90.39	7.5	33.37	8.2	23.1	0.97
C8	30 Aug 2015	7	21.37	90.57	7.6	33.37	8.2	23.2	0.98
C8	30 Aug 2015	8	21.05	90.53	7.6	33.38	8.2	23.2	0.88
C8	30 Aug 2015	9	20.72	90.32	7.6	33.37	8.2	23.3	0.95
C8	30 Aug 2015	10	20.47	90.82	7.6	33.35	8.2	23.4	1.09
C8	30 Aug 2015	11	20.13	88.07	7.6	33.34	8.2	23.5	1.26
C8	30 Aug 2015	12	19.79	86.88	7.6	33.34	8.2	23.6	1.26
C8	30 Aug 2015	13	19.37	86.35	7.4	33.32	8.2	23.6	1.24
C8	30 Aug 2015	14	18.89	88.79	7.4	33.32	8.2	23.8	1.12
C8	30 Aug 2015	15	18.68	89.45	7.4	33.31	8.2	23.8	1.02
C8	30 Aug 2015	16	18.31	88.21	7.3	33.30	8.1	23.9	0.88
C8	30 Aug 2015	17	18.14	88.27	7.3	33.29	8.1	23.9	0.79

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens ( $\sigma\text{-t}$ )	Chlor ( $\mu\text{g/L}$ )
C8	30 Aug 2015	18	17.85	87.85	7.4	33.30	8.1	24.0	0.76
C8	30 Aug 2015	19	17.81	86.87	7.3	33.30	8.1	24.0	0.77
C8	30 Aug 2015	20	17.77	85.50	7.3	33.30	8.1	24.0	0.81

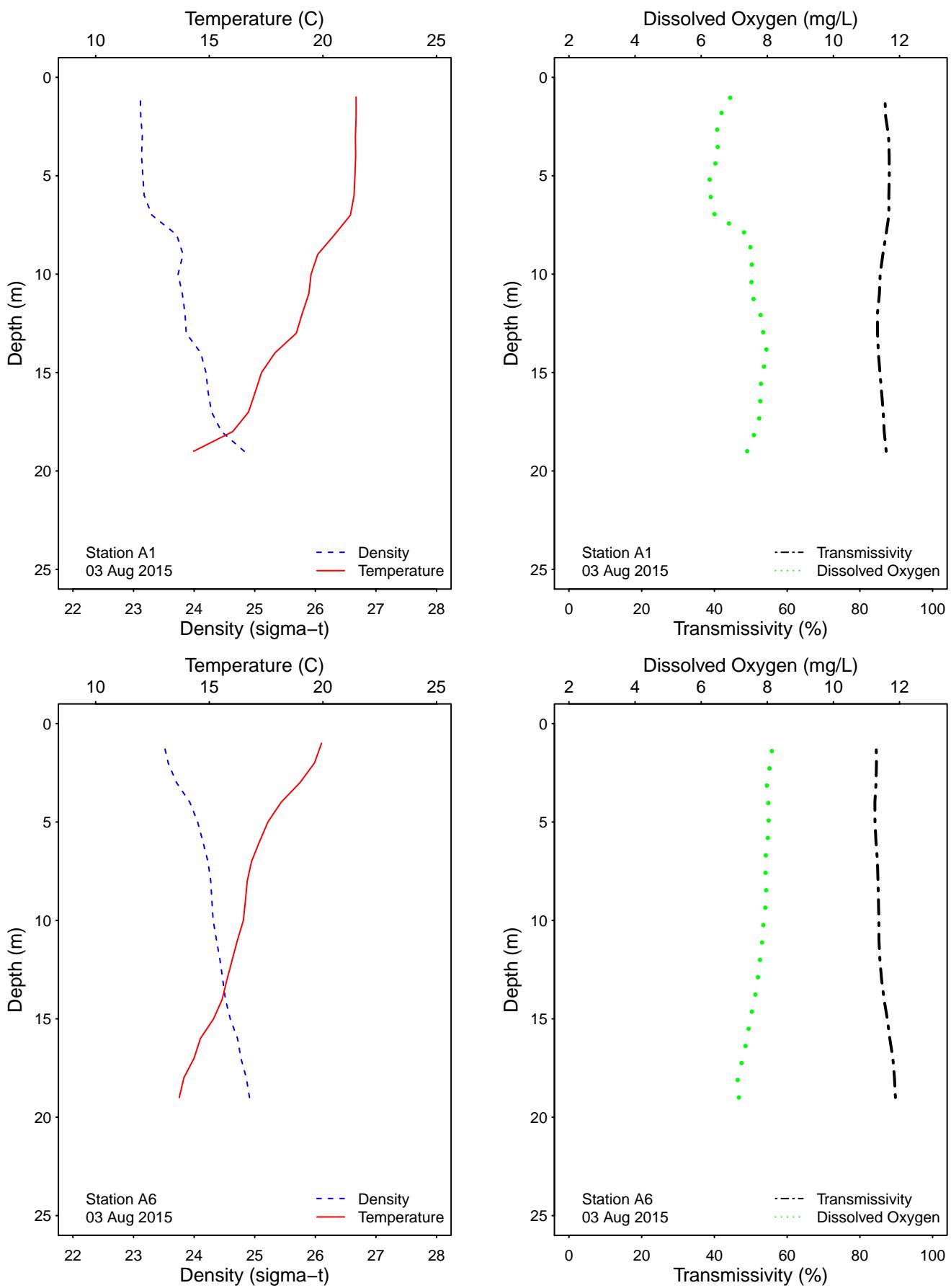


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

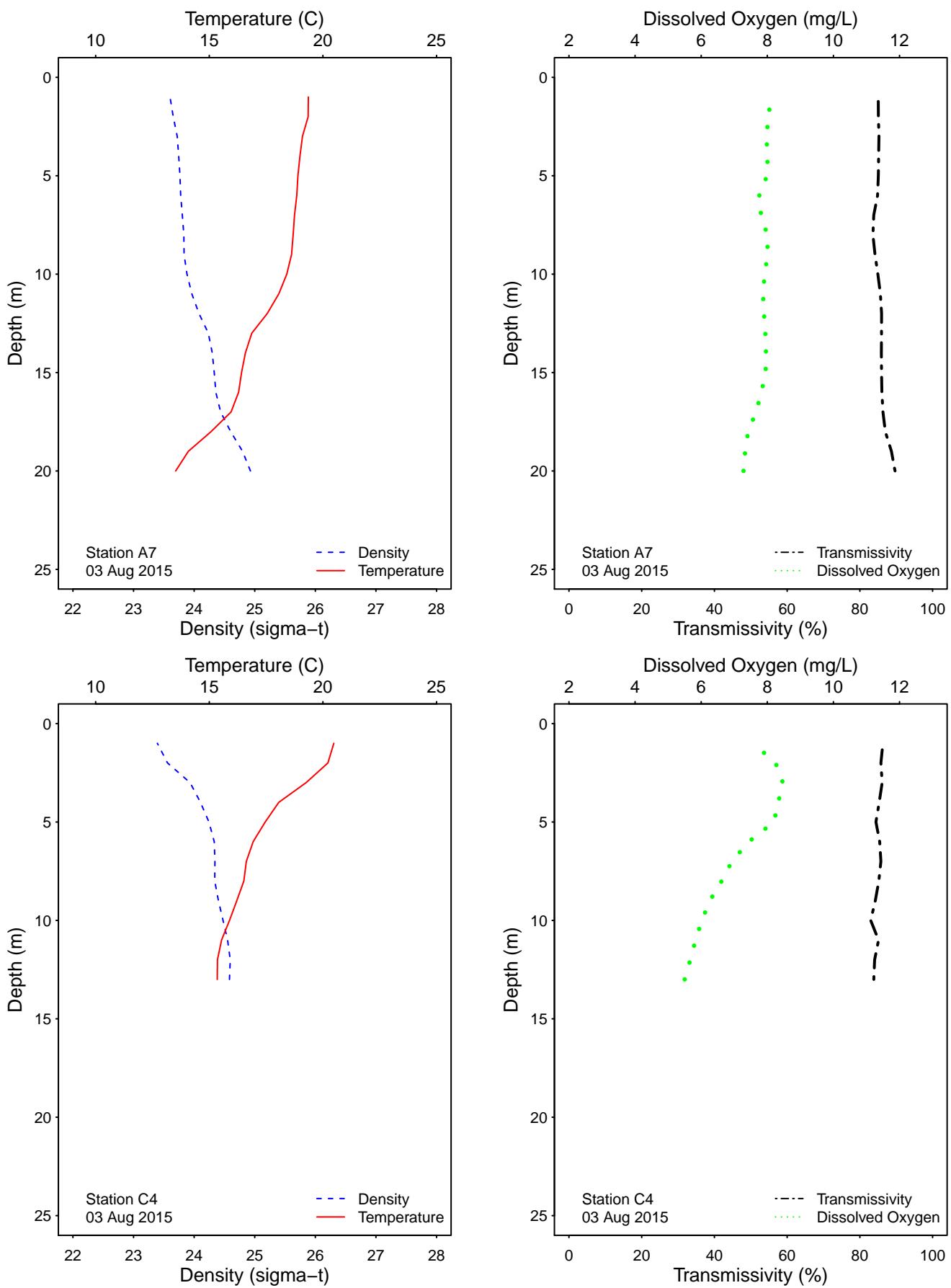


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

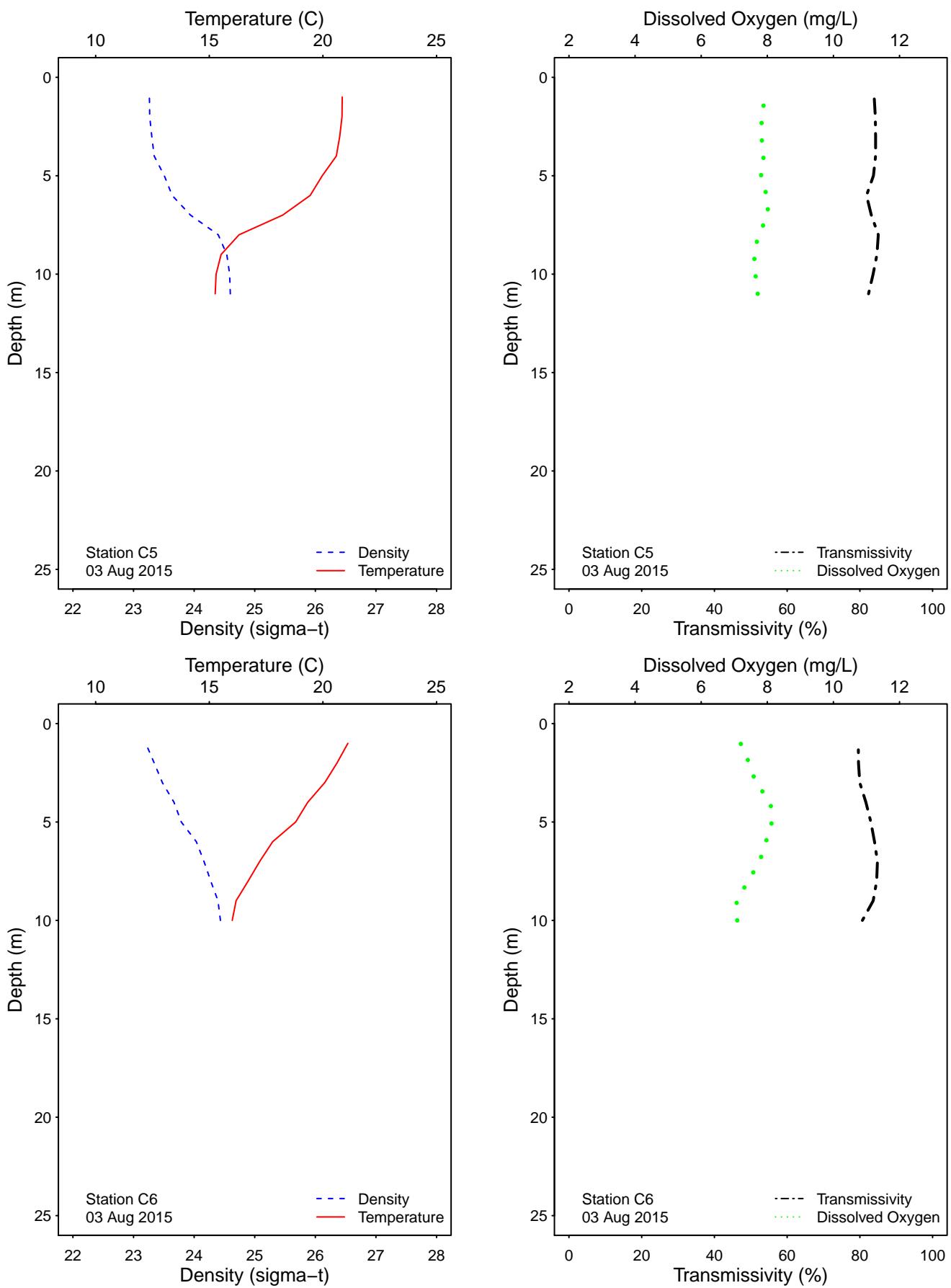


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

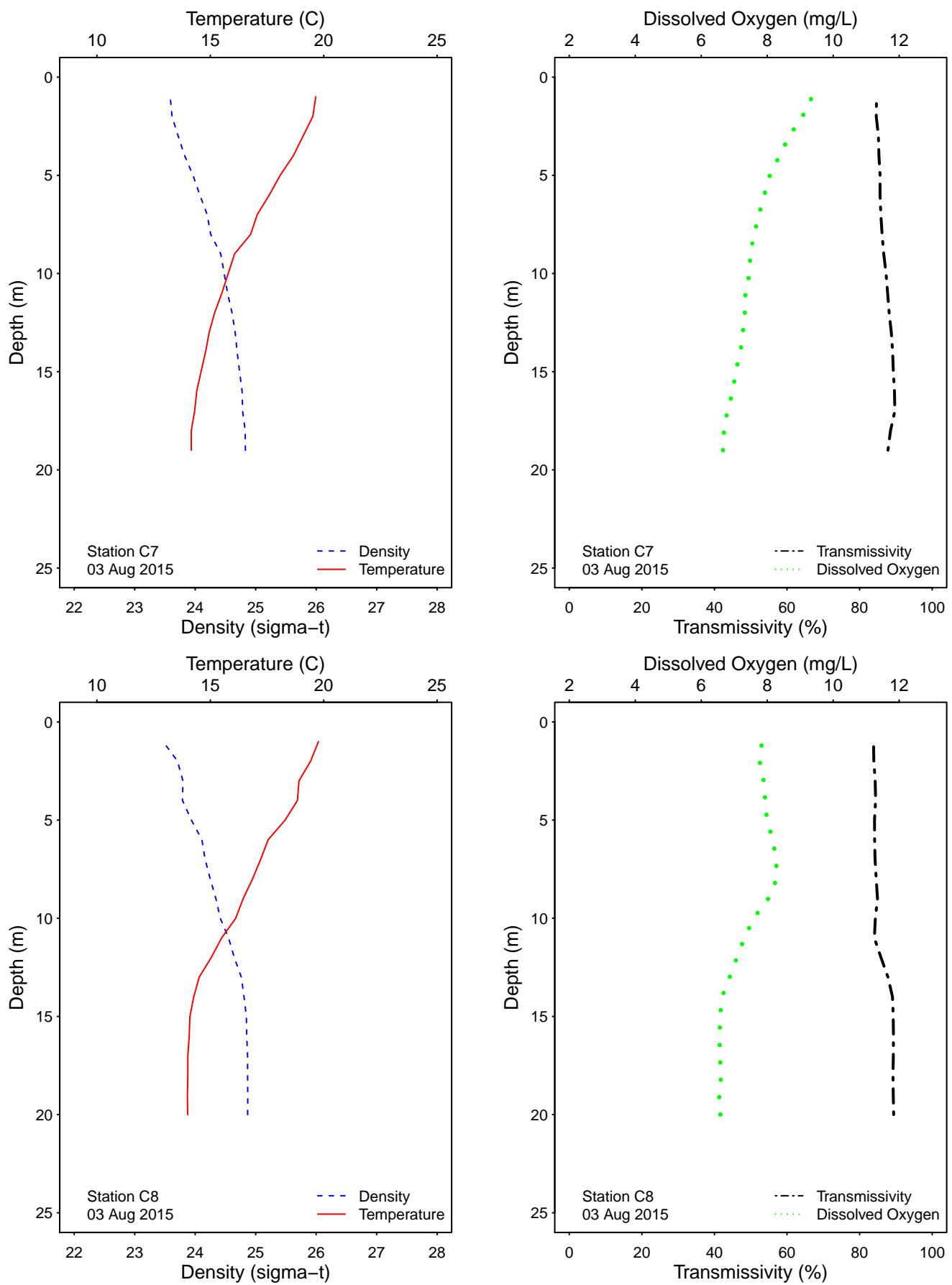


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

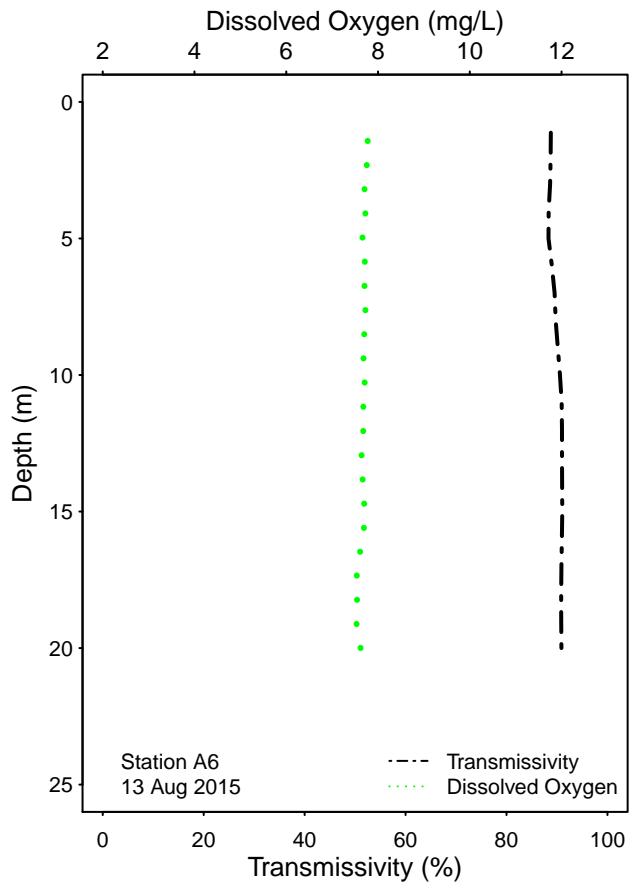
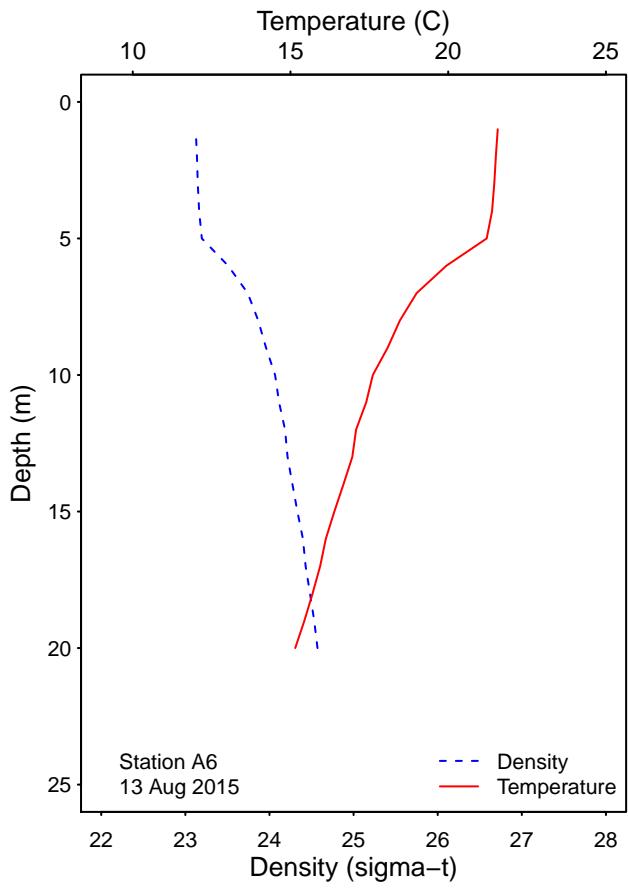
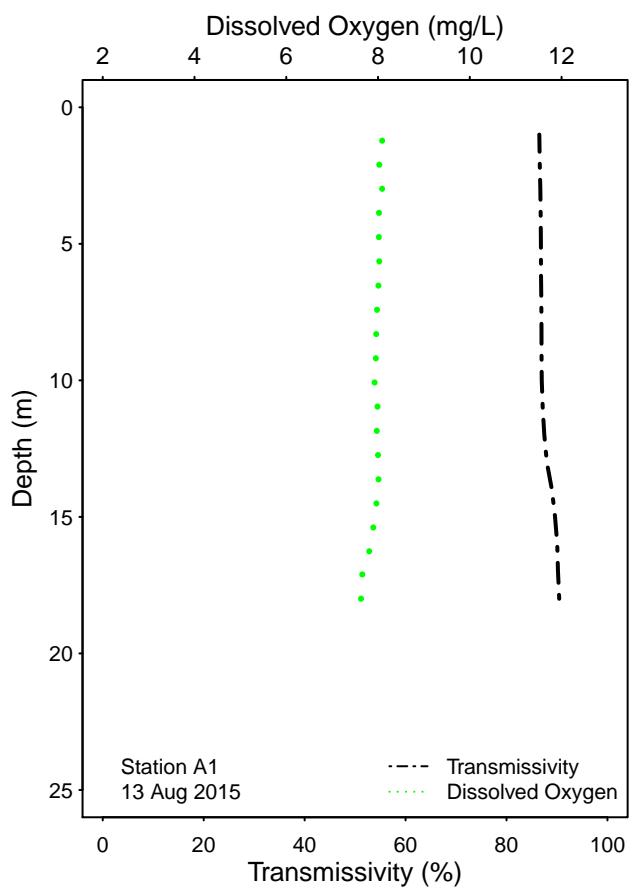
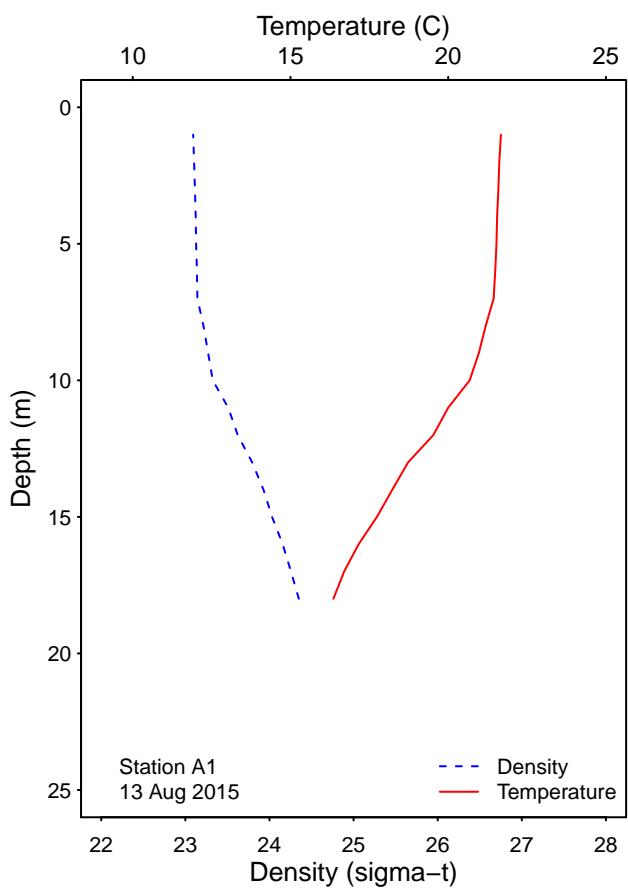


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

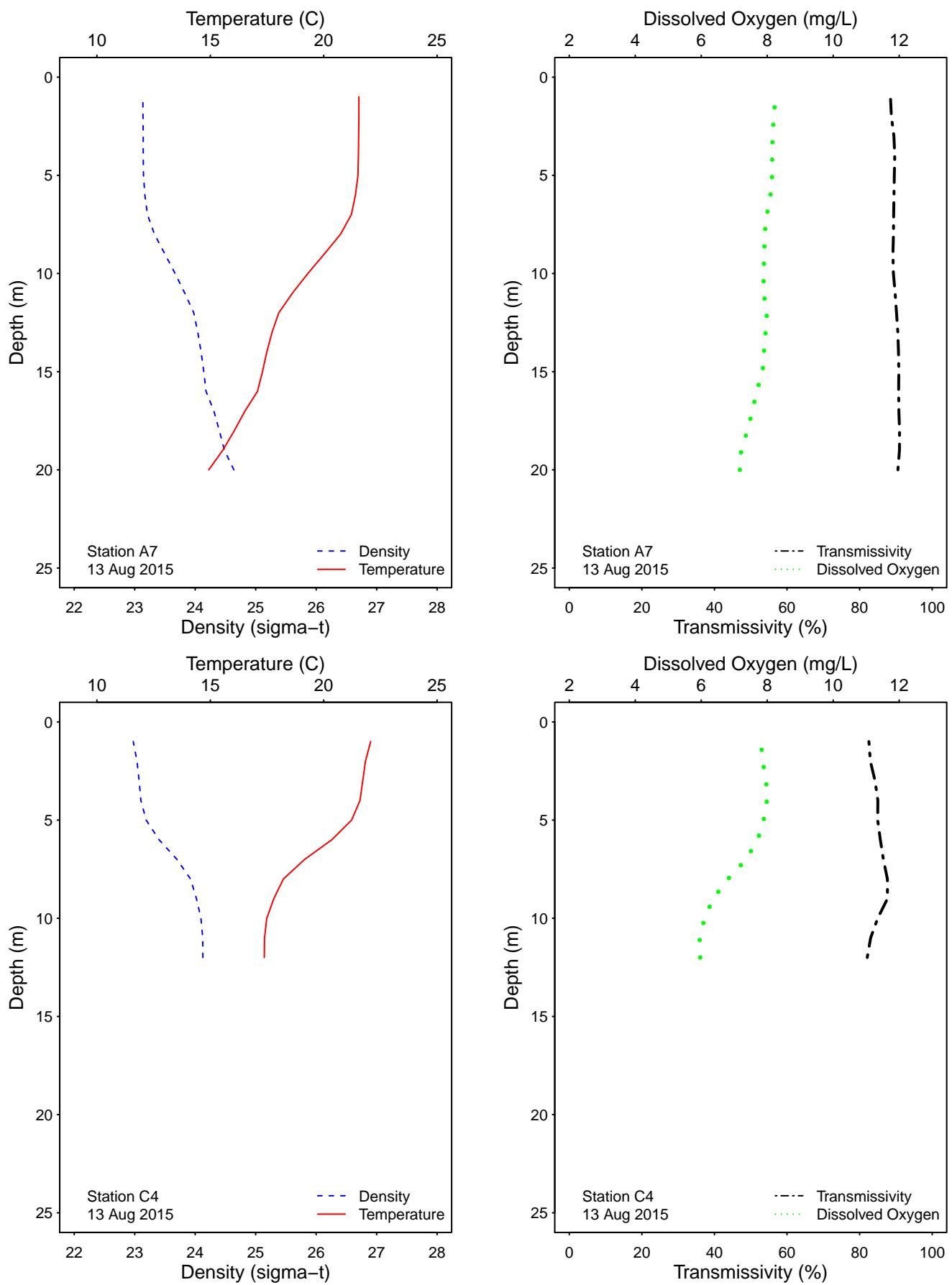


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

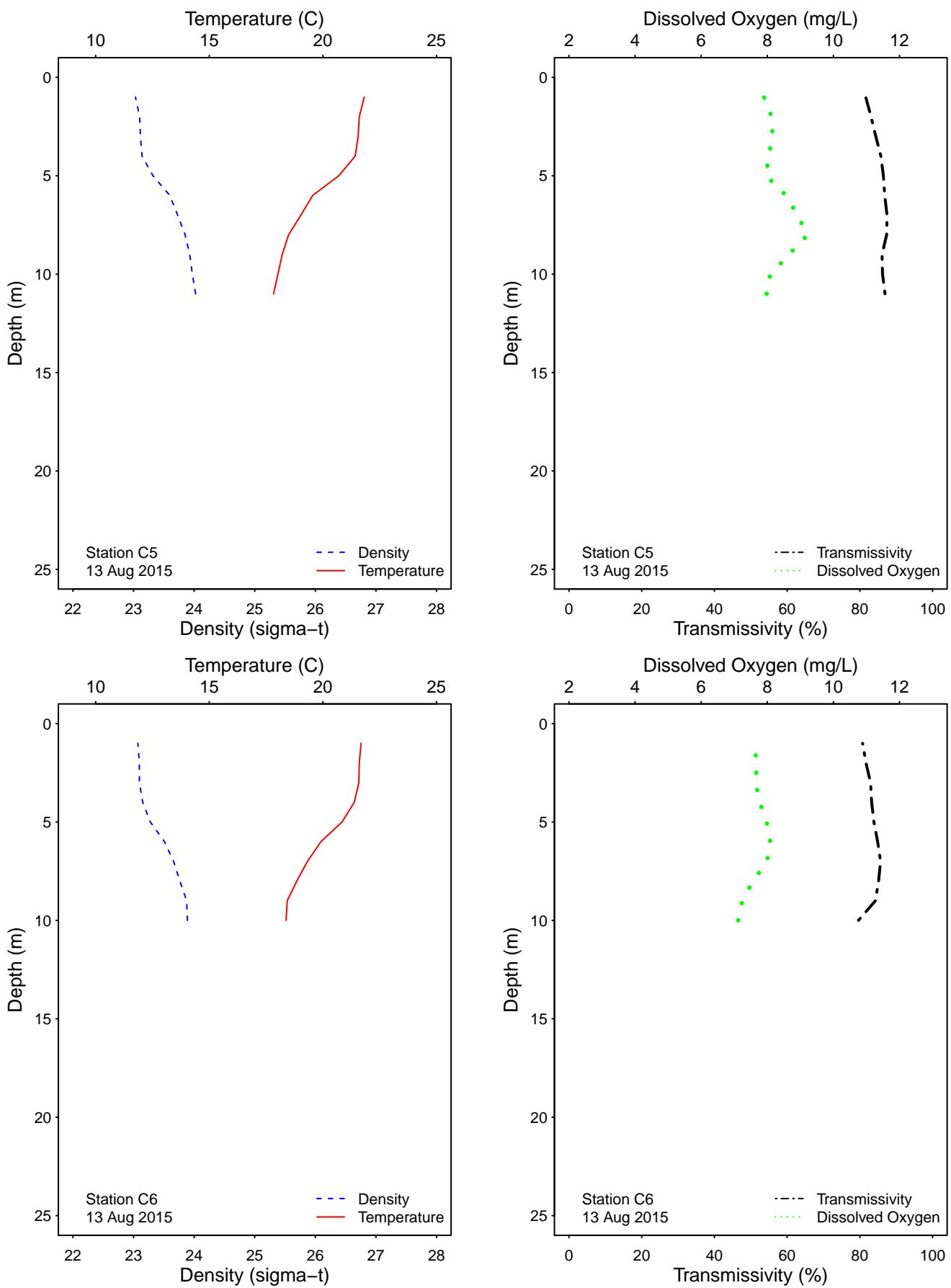


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

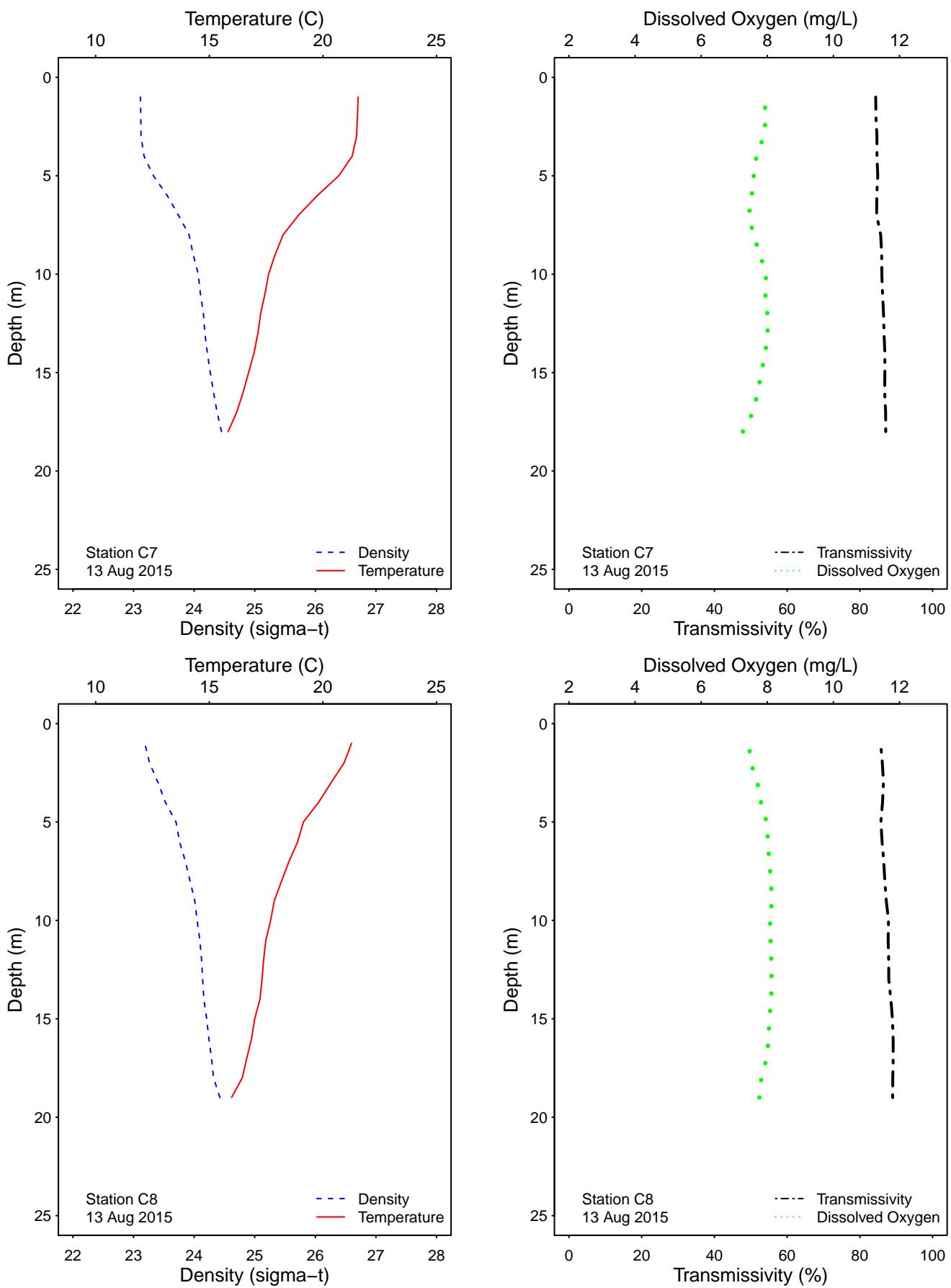


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

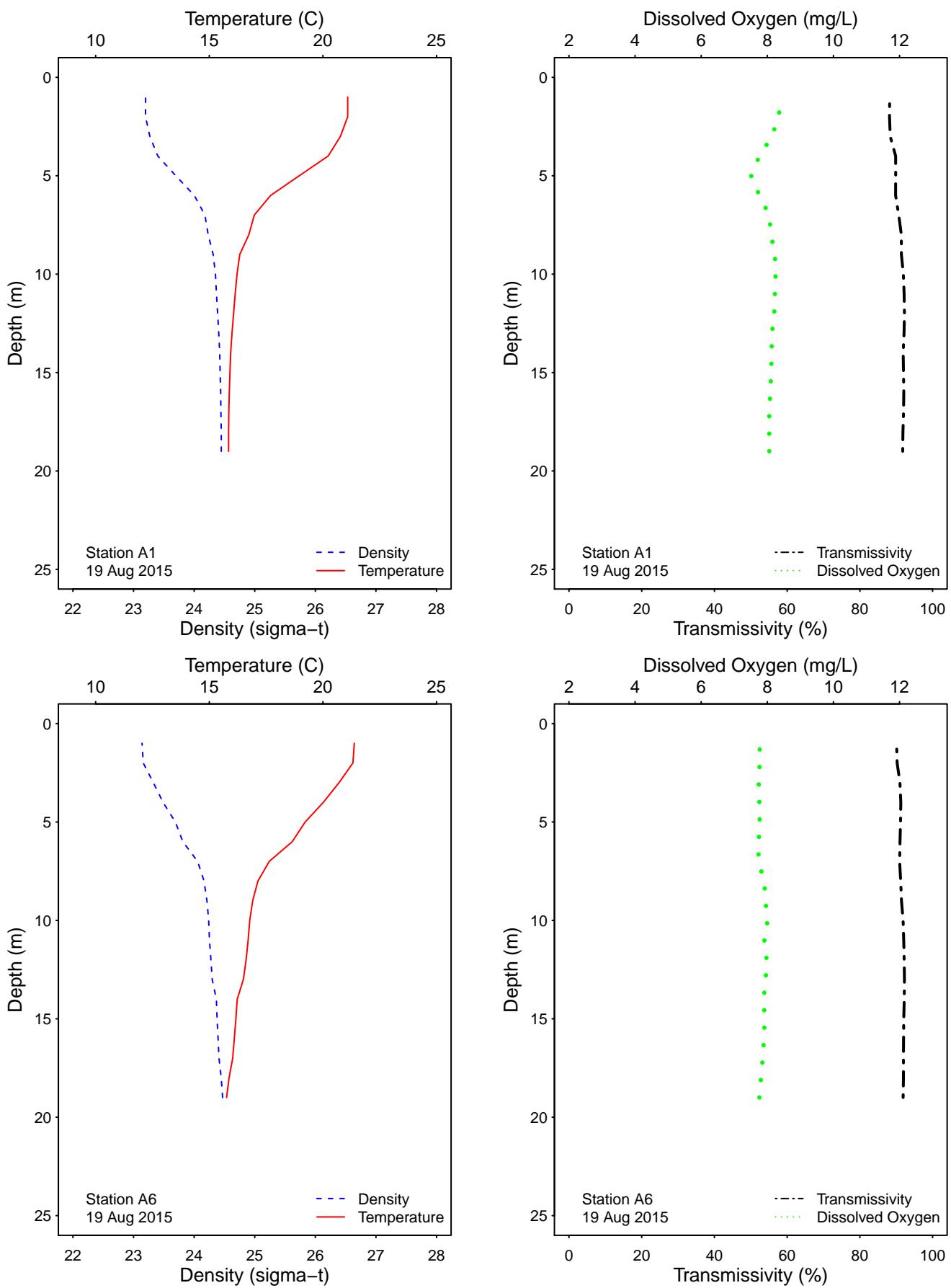


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

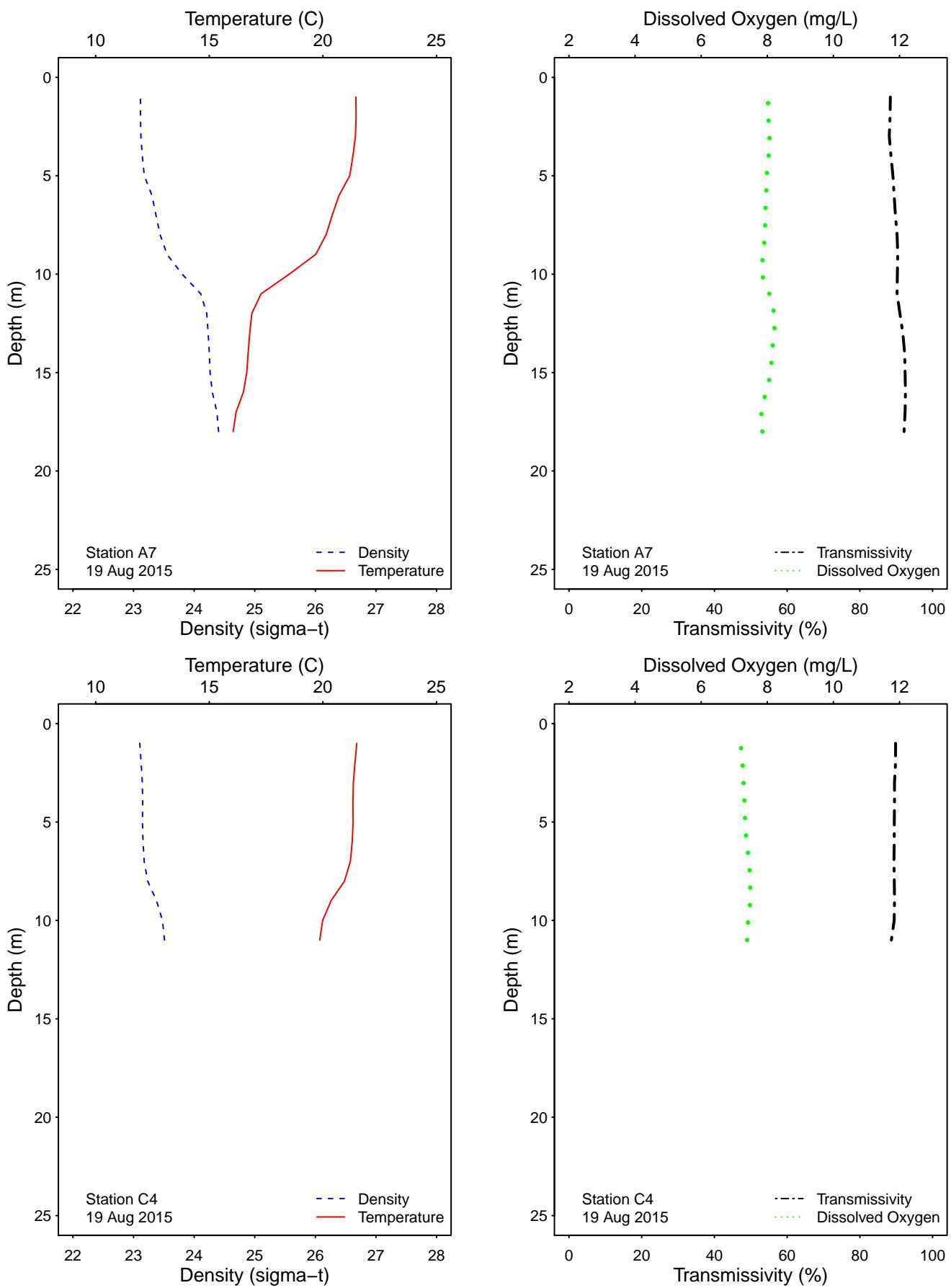


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

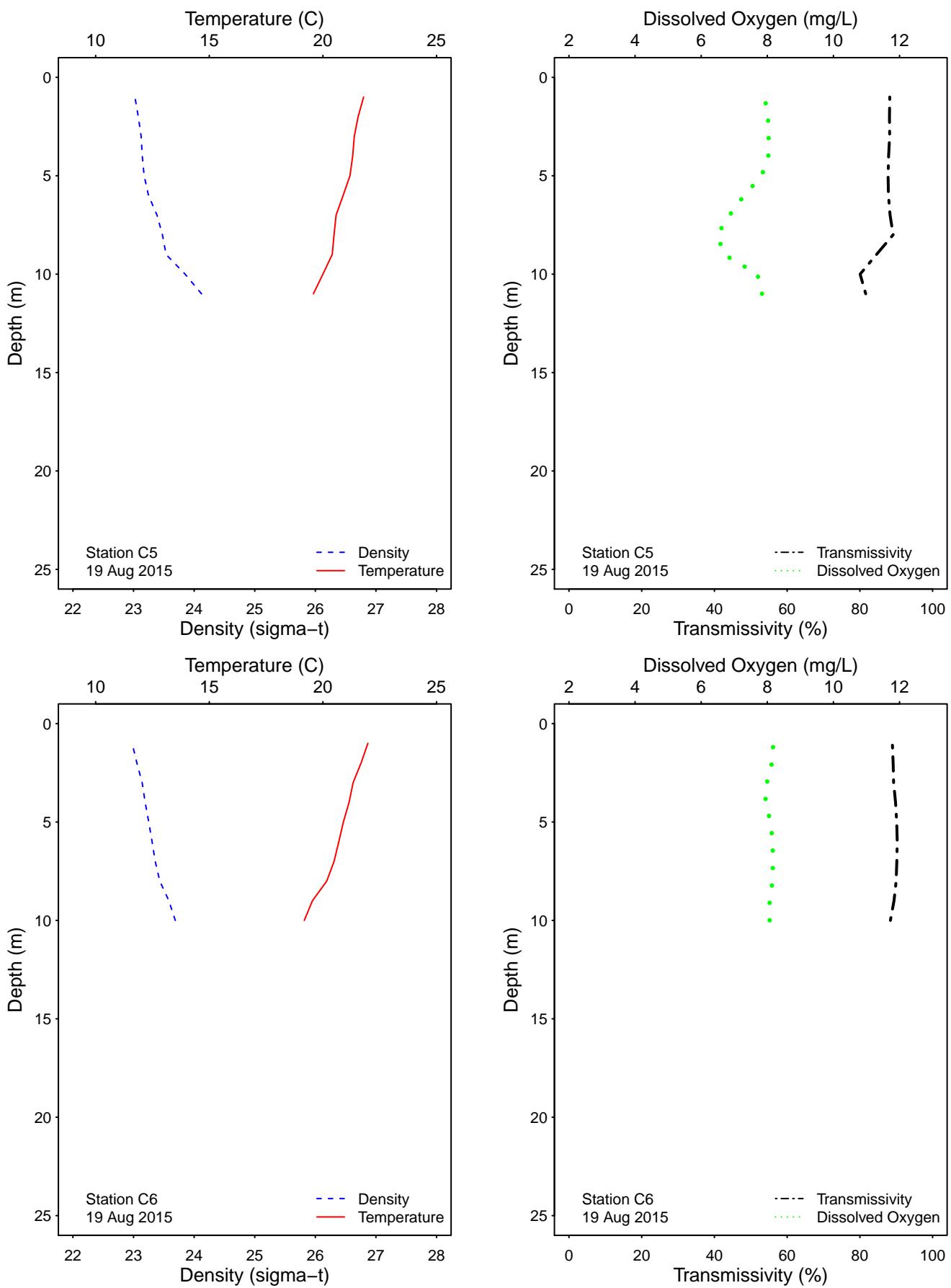


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

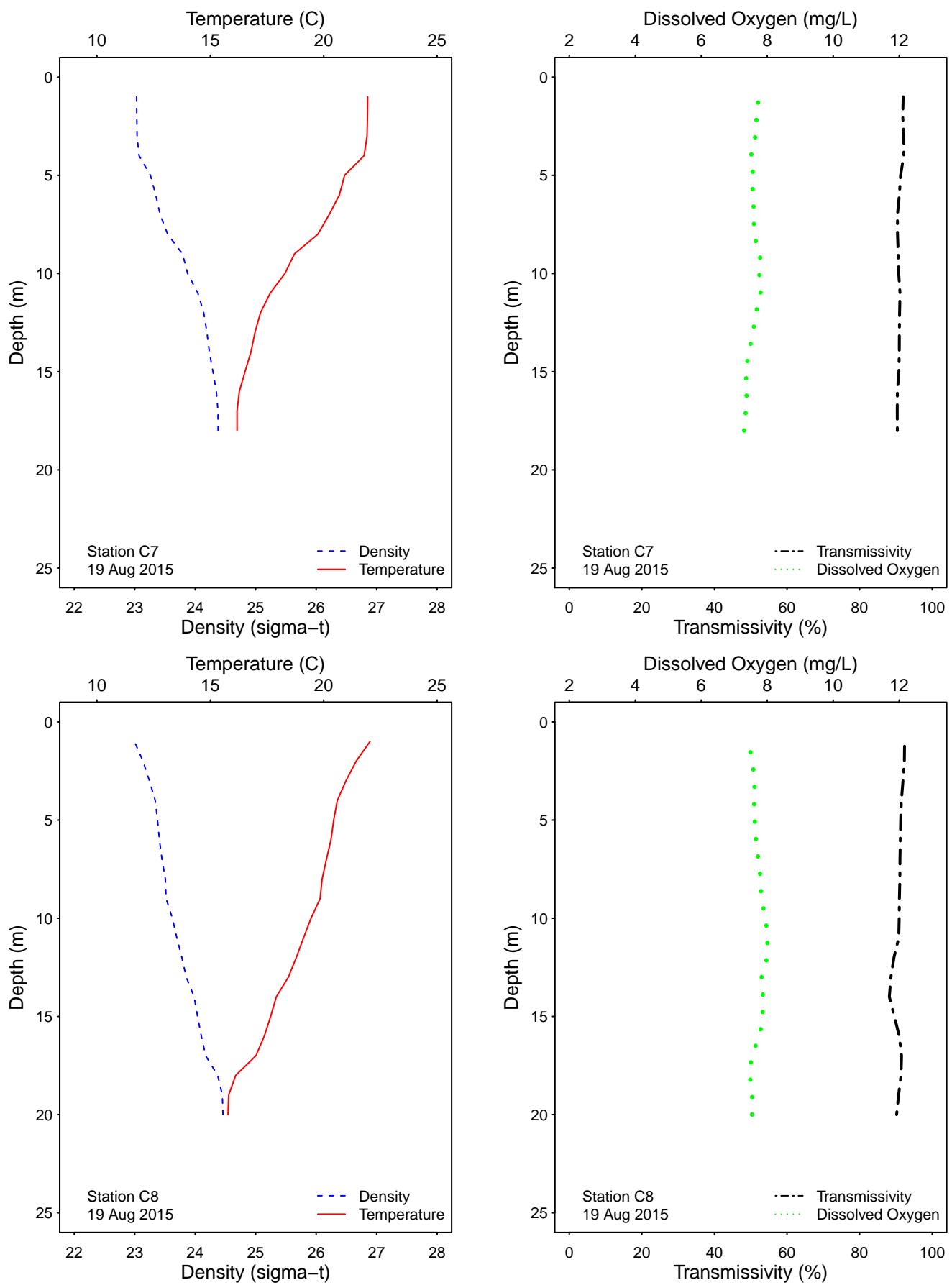


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

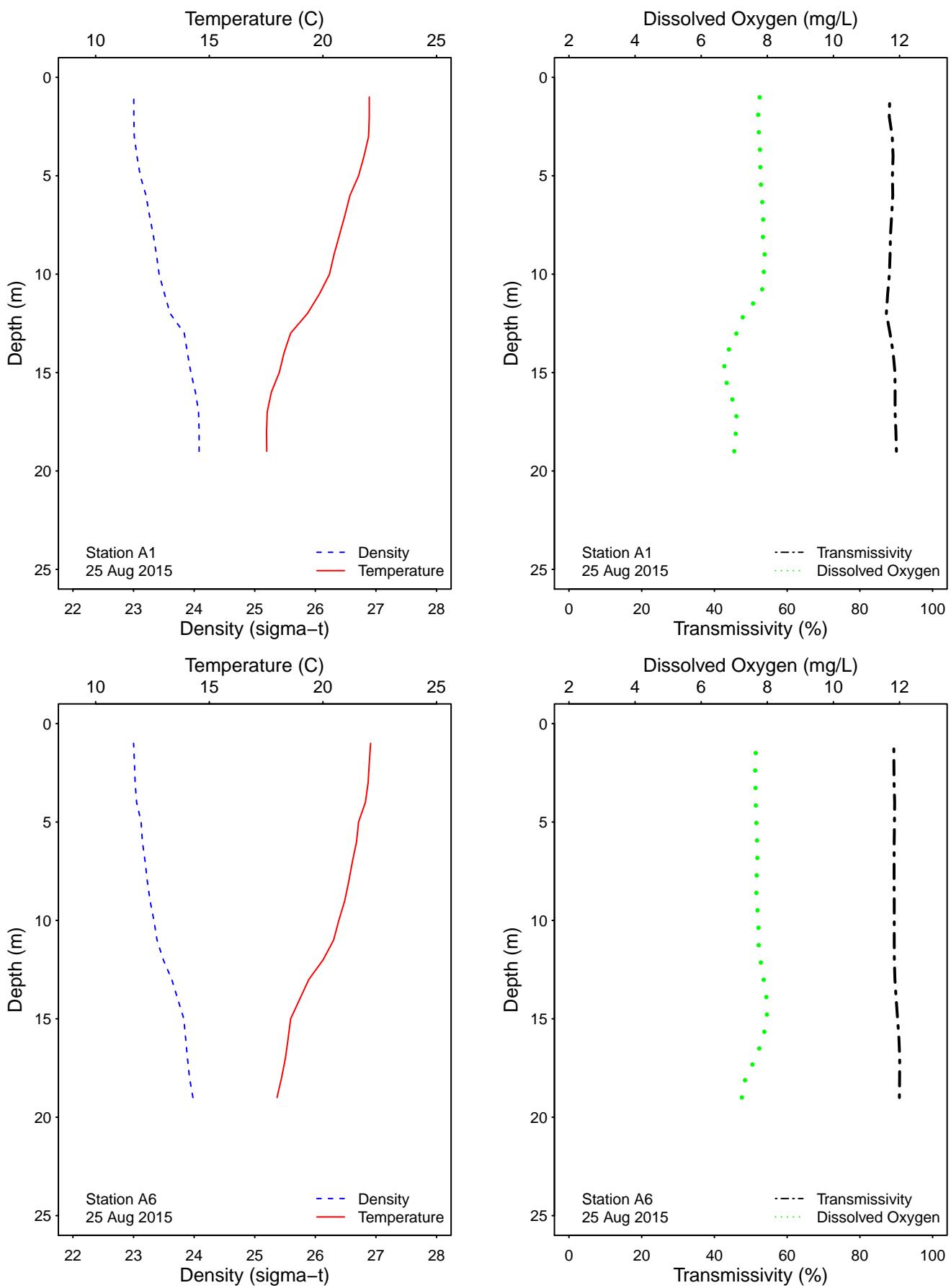


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

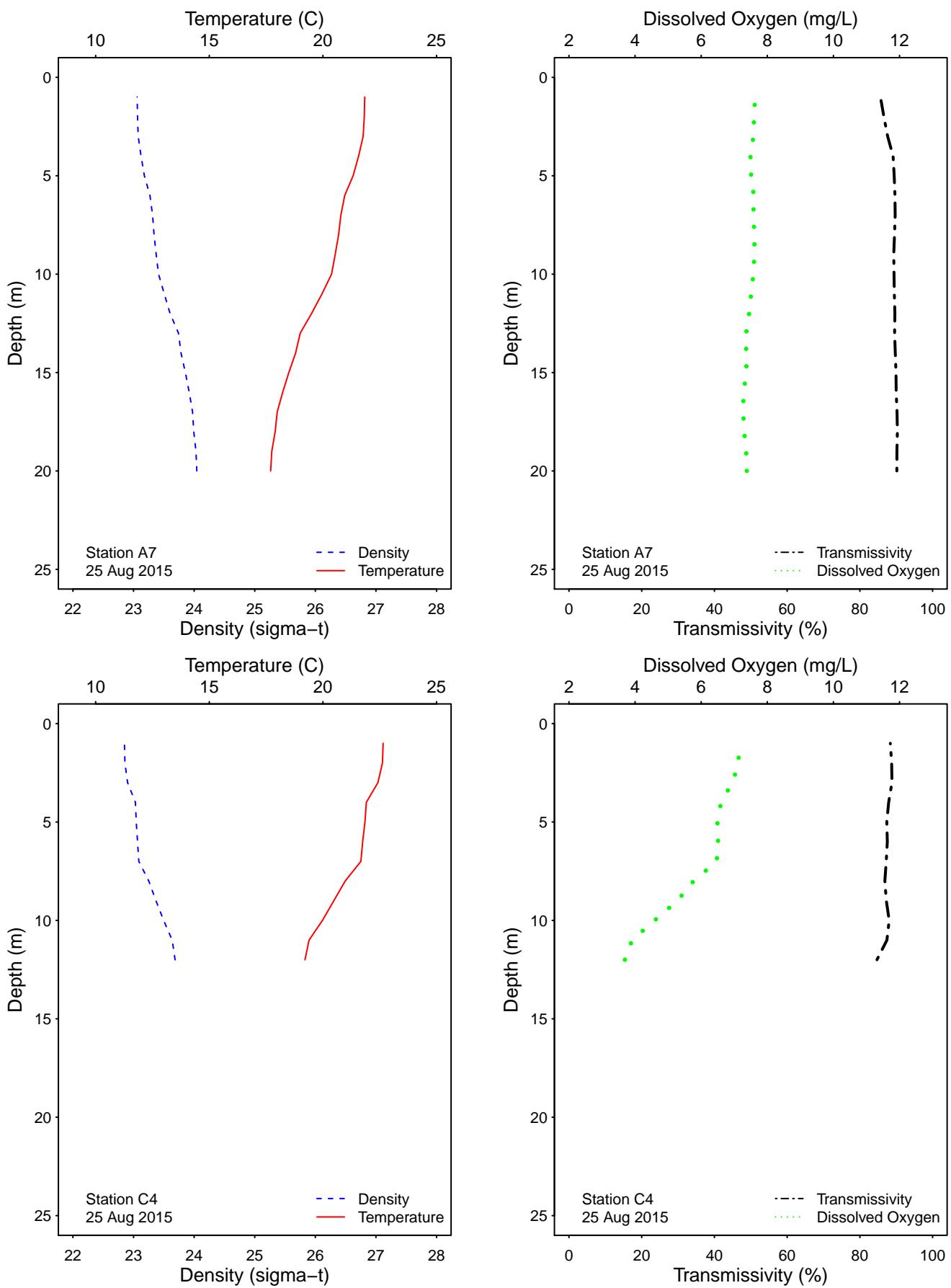


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

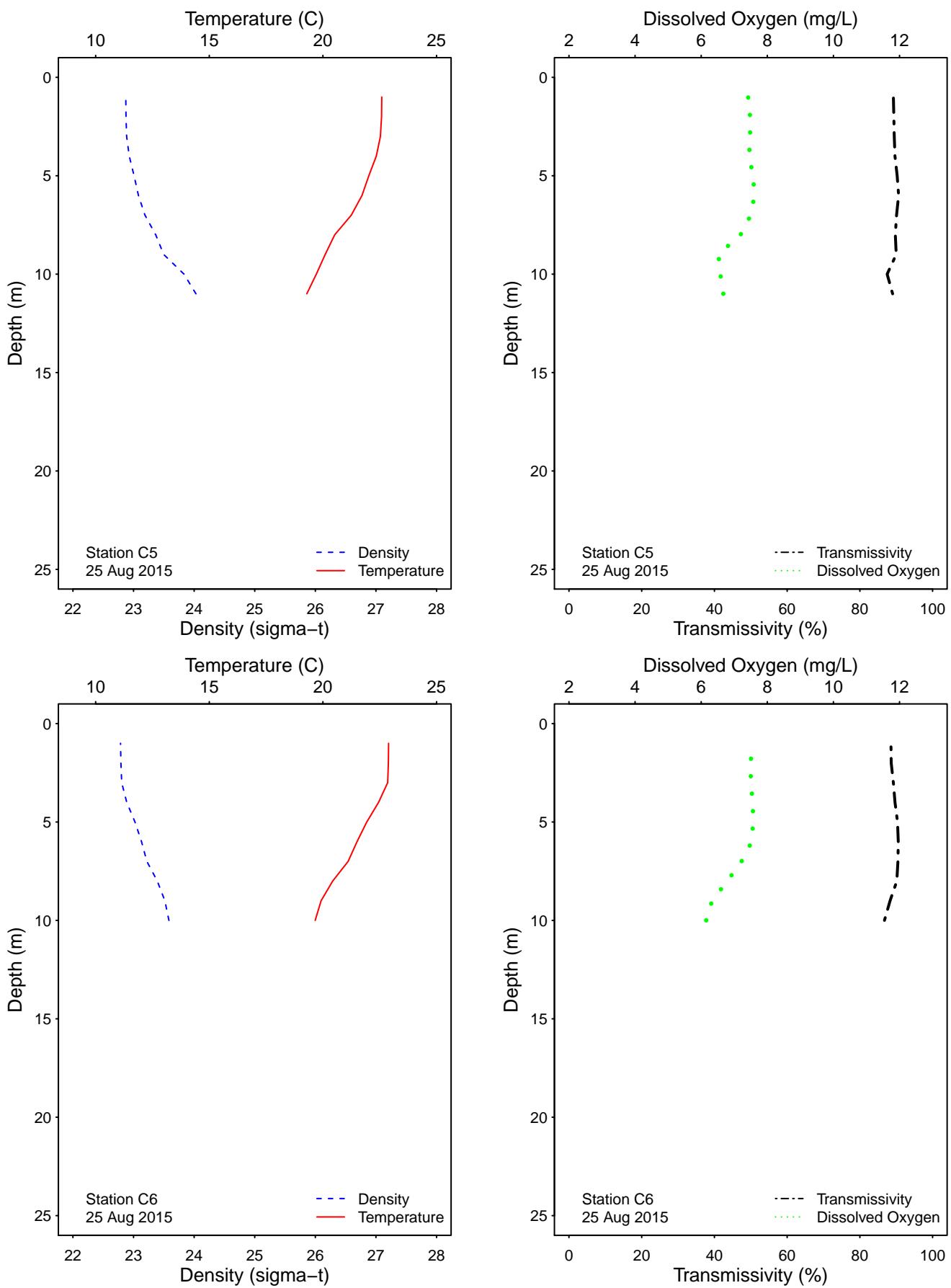


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

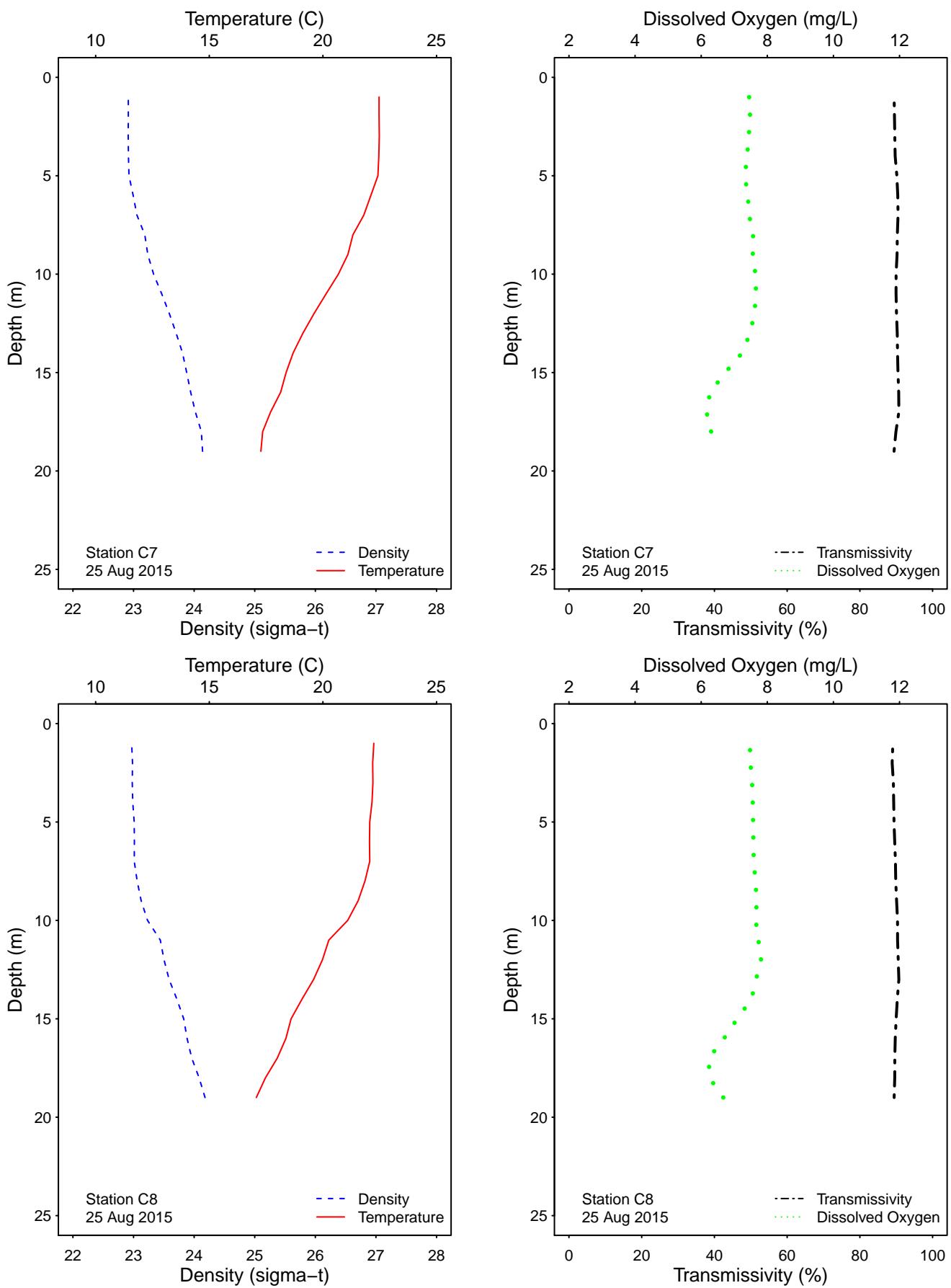


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

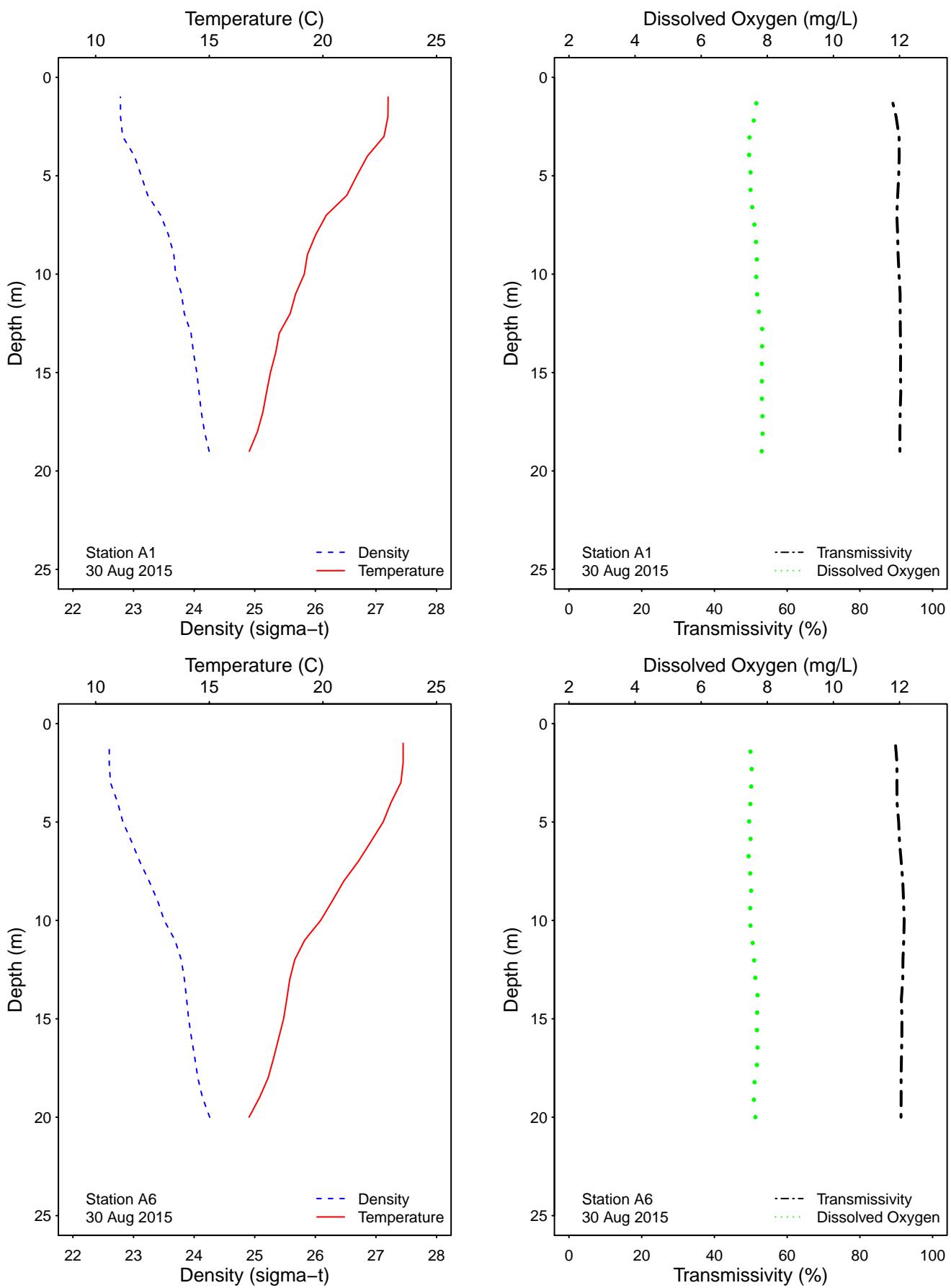


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

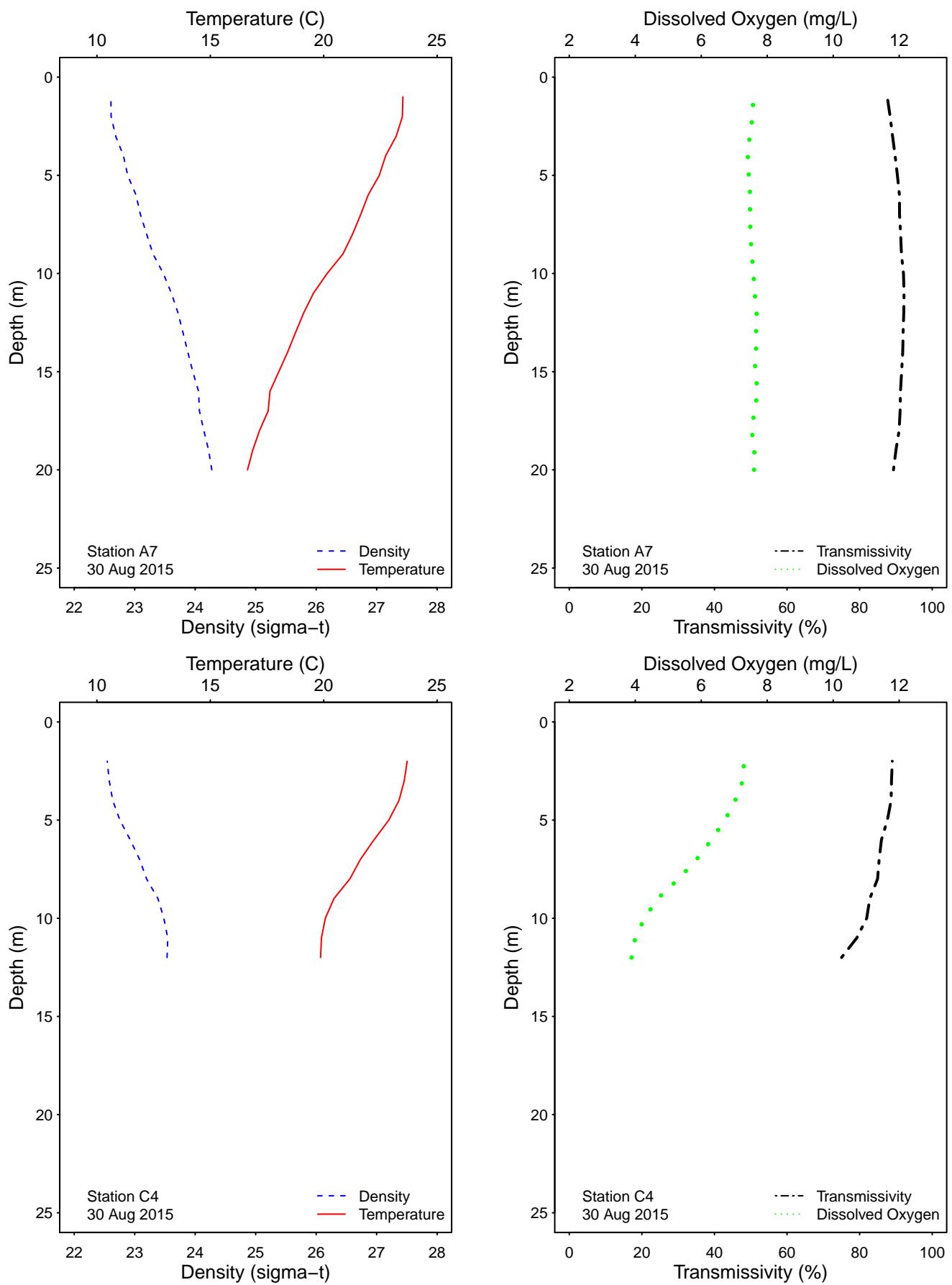


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

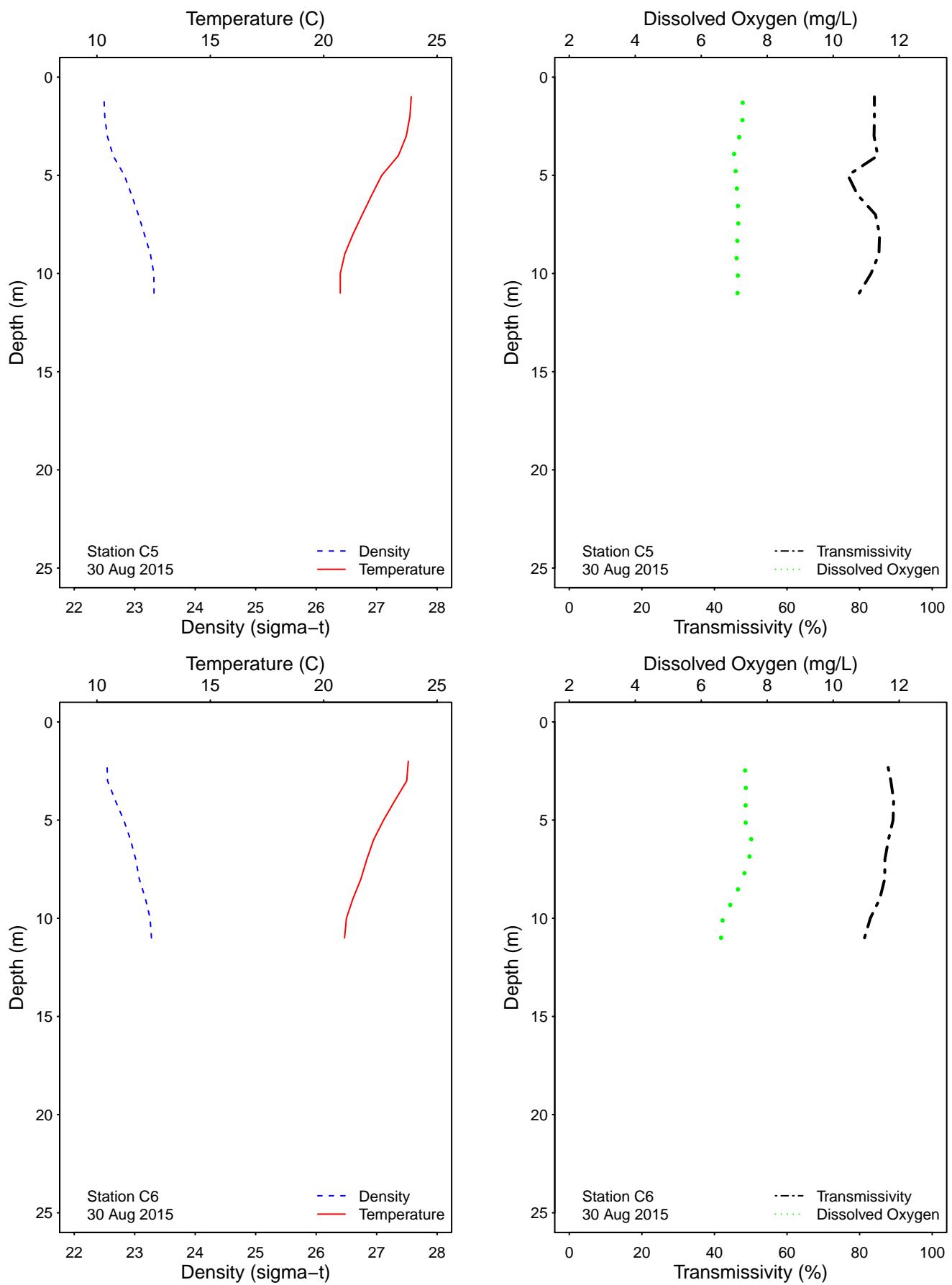


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

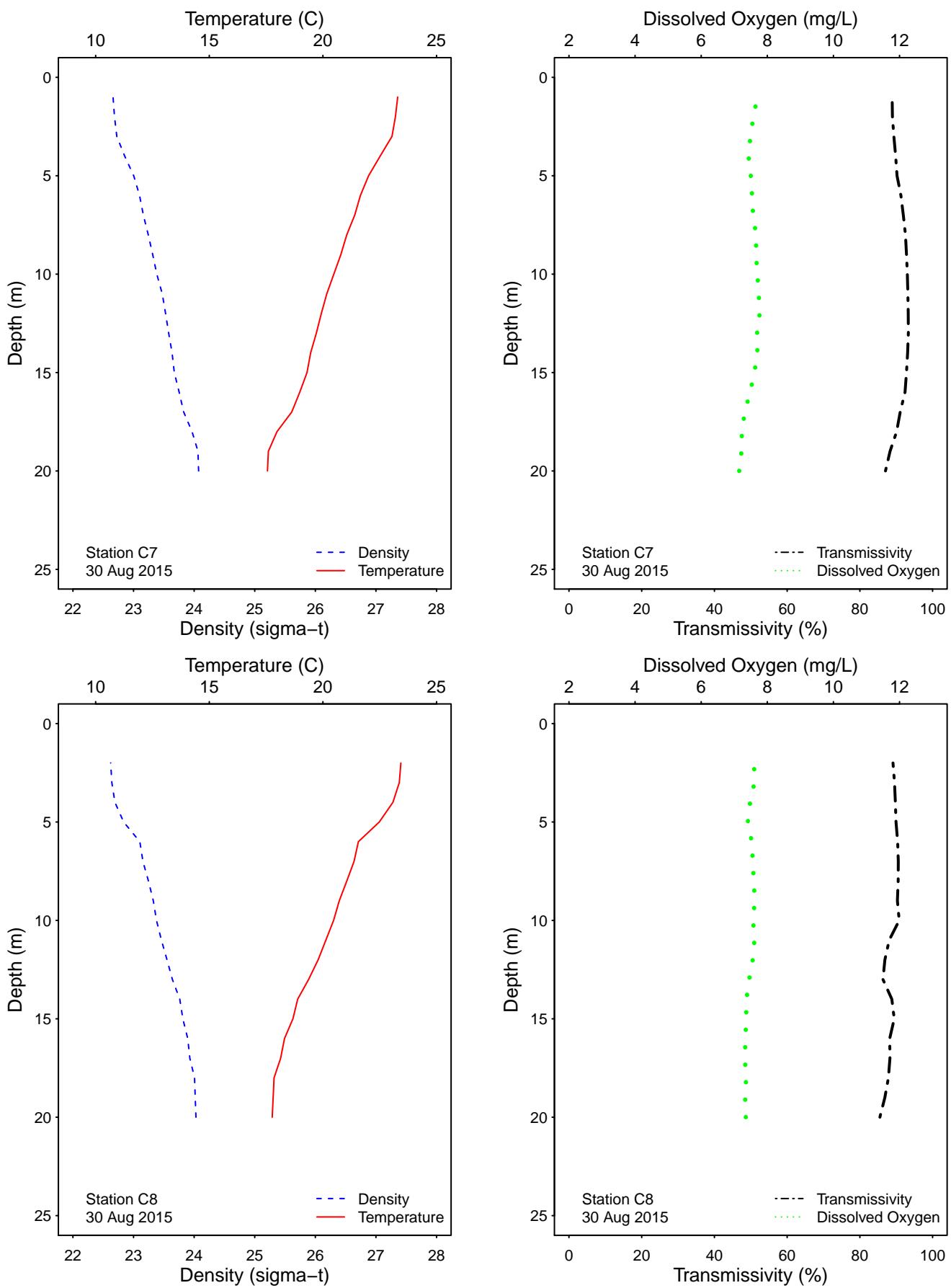


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

# 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
10 Aug 2015	IC	ns	ns	ns											
11 Aug 2015	ns	IC	IC	E											

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 ( $\mu$ g/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	10 Aug 2015	1219	1	<2	<0.01	20.7	86.52	8.0	33.39	8.3
F01	10 Aug 2015	1219	12	<2	<0.01	16.8	85.54	8.4	33.29	8.2
F01	10 Aug 2015	1219	18	<2	<0.01	15.7	83.20	8.1	33.26	8.2
F02	10 Aug 2015	825	1	2e	<0.01	20.3	80.97	7.8	33.33	8.2
F02	10 Aug 2015	825	12	<2	<0.01	17.7	84.83	8.3	33.30	8.2
F02	10 Aug 2015	825	18	<2	<0.01	15.6	84.53	7.9	33.27	8.1
F03	10 Aug 2015	842	1	<2	<0.01	20.3	82.42	7.9	33.35	8.2
F03	10 Aug 2015	842	12	<2	<0.01	16.2	82.87	8.4	33.26	8.2
F03	10 Aug 2015	842	18	<2	<0.01	15.0	84.43	8.0	33.26	8.2
F04	10 Aug 2015	1155	1	<2	ns	21.5	89.71	7.3	33.45	8.2
F04	10 Aug 2015	1155	25	<2	ns	17.1	89.17	8.5	33.30	8.3
F04	10 Aug 2015	1155	60	<2	ns	12.4	89.05	6.6	33.31	8.1
F05	10 Aug 2015	1142	1	<2	ns	21.6	89.27	7.3	33.45	8.2
F05	10 Aug 2015	1142	25	<2	ns	16.1	88.11	8.8	33.26	8.3
F05	10 Aug 2015	1142	60	<2	ns	12.5	88.36	6.6	33.30	8.1
F06	10 Aug 2015	1128	1	<2	<0.01	21.4	87.55	7.3	33.44	8.2
F06	10 Aug 2015	1128	25	<2	<0.01	16.4	88.34	8.8	33.27	8.3
F06	10 Aug 2015	1128	60	<2	<0.01	12.4	86.54	6.5	33.31	8.1
F07	10 Aug 2015	1113	1	<2	<0.01	21.5	88.88	7.4	33.43	8.2
F07	10 Aug 2015	1113	25	<2	<0.01	16.2	87.98	8.6	33.28	8.3
F07	10 Aug 2015	1113	60	<2	<0.01	12.3	87.16	6.4	33.32	8.1
F08	10 Aug 2015	1054	1	<2	<0.01	21.6	89.04	7.3	33.44	8.2
F08	10 Aug 2015	1054	25	<2	<0.01	15.1	87.94	8.4	33.25	8.2
F08	10 Aug 2015	1054	60	<2	<0.01	12.4	86.00	6.5	33.31	8.1
F09	10 Aug 2015	1042	1	<2	<0.01	21.7	88.98	7.2	33.45	8.2
F09	10 Aug 2015	1042	25	<2	<0.01	15.0	87.90	8.3	33.25	8.2
F09	10 Aug 2015	1042	60	8e	<0.01	12.8	84.61	6.8	33.29	8.1
F10	10 Aug 2015	1027	1	<2	<0.01	21.7	88.28	7.3	33.44	8.2
F10	10 Aug 2015	1027	25	<2	<0.01	14.9	86.86	8.3	33.25	8.2
F10	10 Aug 2015	1027	60	8e	<0.01	13.0	84.47	7.0	33.27	8.1
F11	10 Aug 2015	1011	1	<2	<0.01	21.5	87.47	7.4	33.41	8.2
F11	10 Aug 2015	1011	25	4e	<0.01	15.3	87.18	8.2	33.27	8.2
F11	10 Aug 2015	1011	60	<2	<0.01	12.8	83.73	6.7	33.29	8.1
F12	10 Aug 2015	955	1	<2	<0.01	21.0	85.86	7.7	33.38	8.2
F12	10 Aug 2015	955	25	<2	<0.01	14.7	86.42	8.2	33.25	8.2
F12	10 Aug 2015	955	60	2e	<0.01	12.7	84.91	6.6	33.29	8.1

Station	Date	Time	Depth	Enterο	N-NH3	Temp	XMS	DO	Sal	pH
F13	10 Aug 2015	939	1	<2	<0.01	20.7	85.48	7.8	33.36	8.2
F13	10 Aug 2015	939	25	<2	<0.01	15.1	86.81	8.4	33.25	8.2
F13	10 Aug 2015	939	60	2e	<0.01	12.6	82.90	6.5	33.31	8.1
F14	10 Aug 2015	859	1	<2	<0.01	20.4	83.59	8.0	33.36	8.2
F14	10 Aug 2015	859	25	<2	<0.01	14.8	86.05	8.2	33.26	8.2
F14	10 Aug 2015	859	60	2e	<0.01	12.7	81.83	6.2	33.30	8.0
F15	11 Aug 2015	1109	1	<2	ns	21.9	89.74	7.1	33.52	8.2
F15	11 Aug 2015	1109	25	<2	ns	17.7	90.15	8.3	33.33	8.3
F15	11 Aug 2015	1109	60	<2	ns	12.2	89.47	6.3	33.34	8.1
F15	11 Aug 2015	1109	80	<2	ns	11.5	87.97	5.5	33.45	8.0
F16	11 Aug 2015	1057	1	<2	ns	21.7	90.97	7.1	33.52	8.2
F16	11 Aug 2015	1057	25	<2	ns	16.9	89.74	8.5	33.30	8.3
F16	11 Aug 2015	1057	60	<2	ns	12.2	89.80	6.3	33.35	8.1
F16	11 Aug 2015	1057	80	<2	ns	11.3	88.33	5.5	33.45	8.0
F17	11 Aug 2015	1043	1	<2	ns	21.7	90.58	7.1	33.52	8.2
F17	11 Aug 2015	1043	25	<2	ns	16.5	89.20	8.6	33.30	8.3
F17	11 Aug 2015	1043	60	<2	ns	11.9	90.33	6.2	33.34	8.1
F17	11 Aug 2015	1043	80	<2	ns	11.3	88.25	5.4	33.47	8.0
F18	11 Aug 2015	1025	1	<2	<0.01	21.6	90.10	7.2	33.49	8.2
F18	11 Aug 2015	1025	25	<2	0.01	16.8	89.78	8.4	33.30	8.3
F18	11 Aug 2015	1025	60	<2	0.01	11.9	90.28	6.1	33.36	8.1
F18	11 Aug 2015	1025	80	<2	0.01	11.3	88.05	5.4	33.48	8.0
F19	11 Aug 2015	1010	1	<2	<0.01	21.6	89.92	7.2	33.49	8.2
F19	11 Aug 2015	1010	25	<2	<0.01	16.9	89.52	8.3	33.27	8.2
F19	11 Aug 2015	1010	60	<2	0.02	11.7	90.57	6.1	33.36	8.1
F19	11 Aug 2015	1010	80	<2	<0.01	11.2	88.00	5.2	33.52	8.0
F20	11 Aug 2015	957	1	<2	<0.01	21.5	90.26	7.2	33.48	8.2
F20	11 Aug 2015	957	25	<2	<0.01	16.4	89.34	8.5	33.28	8.2
F20	11 Aug 2015	957	60	<2	<0.01	12.1	90.52	6.4	33.29	8.1
F20	11 Aug 2015	957	80	160e	<0.01	11.2	89.32	5.3	33.47	8.0
F21	11 Aug 2015	942	1	2e	ns	21.4	89.40	7.3	33.45	8.2
F21	11 Aug 2015	942	25	<2	ns	16.1	88.90	8.5	33.28	8.2
F21	11 Aug 2015	942	60	<2	ns	11.8	90.64	6.3	33.30	8.1
F21	11 Aug 2015	942	80	6e	ns	11.2	87.80	5.3	33.49	8.0
F22	11 Aug 2015	928	1	<2	ns	21.4	88.39	7.5	33.42	8.2
F22	11 Aug 2015	928	25	<2	ns	15.8	88.66	8.5	33.26	8.2
F22	11 Aug 2015	928	60	4e	ns	11.8	90.46	6.4	33.30	8.1
F22	11 Aug 2015	928	80	56	ns	11.3	87.49	5.5	33.44	8.0
F23	11 Aug 2015	914	1	<2	ns	21.5	88.69	7.3	33.44	8.2
F23	11 Aug 2015	914	25	<2	ns	15.8	88.33	8.6	33.27	8.2
F23	11 Aug 2015	914	60	<2	ns	11.6	90.69	6.2	33.32	8.0
F23	11 Aug 2015	914	80	56	ns	11.3	87.88	5.5	33.44	8.0
F24	11 Aug 2015	859	1	<2	ns	21.7	88.36	7.3	33.45	8.2
F24	11 Aug 2015	859	25	<2	ns	15.4	87.33	8.6	33.27	8.2
F24	11 Aug 2015	859	60	<2	ns	12.0	90.73	6.5	33.28	8.1
F24	11 Aug 2015	859	80	56	ns	11.3	86.88	5.4	33.46	8.0

Station	Date	Time	Depth	Enter	N-NH3	Temp	XMS	DO	Sal	pH
F25	11 Aug 2015	843	1	<2	ns	21.9	87.55	7.2	33.45	8.2
F25	11 Aug 2015	843	25	<2	ns	16.4	88.74	8.6	33.28	8.2
F25	11 Aug 2015	843	60	4e	ns	11.8	88.25	5.9	33.37	8.0
F25	11 Aug 2015	843	80	10e	ns	11.5	86.02	5.5	33.43	8.0
F26	12 Aug 2015	1235	1	<2	ns	22.1	90.47	7.1	33.51	8.3
F26	12 Aug 2015	1235	25	<2	ns	16.7	89.23	8.5	33.30	8.3
F26	12 Aug 2015	1235	60	<2	ns	12.5	88.67	6.2	33.37	8.1
F26	12 Aug 2015	1235	80	<2	ns	11.7	89.89	5.6	33.44	8.1
F26	12 Aug 2015	1235	98	<2	ns	11.5	89.31	5.3	33.49	8.0
F27	12 Aug 2015	1210	1	<2	ns	22.1	90.36	7.0	33.52	8.3
F27	12 Aug 2015	1210	25	<2	ns	16.5	89.12	8.6	33.30	8.3
F27	12 Aug 2015	1210	60	<2	ns	12.0	89.64	5.8	33.42	8.1
F27	12 Aug 2015	1210	80	<2	ns	11.7	89.76	5.5	33.47	8.0
F27	12 Aug 2015	1210	98	2e	ns	11.4	89.19	5.2	33.50	8.0
F28	12 Aug 2015	1153	1	<2	ns	22.0	90.80	7.1	33.51	8.3
F28	12 Aug 2015	1153	25	<2	ns	16.7	89.37	8.4	33.30	8.3
F28	12 Aug 2015	1153	60	<2	ns	12.2	89.39	5.9	33.39	8.1
F28	12 Aug 2015	1153	80	<2	ns	11.5	90.37	5.5	33.46	8.1
F28	12 Aug 2015	1153	98	<2	ns	11.2	89.25	5.1	33.53	8.0
F29	12 Aug 2015	1136	1	<2	ns	21.8	89.97	7.2	33.48	8.3
F29	12 Aug 2015	1136	25	<2	ns	16.0	88.21	8.6	33.29	8.3
F29	12 Aug 2015	1136	60	<2	ns	12.2	89.85	6.4	33.32	8.1
F29	12 Aug 2015	1136	80	<2	ns	11.4	90.63	5.6	33.44	8.0
F29	12 Aug 2015	1136	98	<2	ns	11.2	87.34	5.0	33.53	8.0
F30	12 Aug 2015	1110	1	2e	ns	21.8	89.10	7.2	33.46	8.3
F30	12 Aug 2015	1110	25	2e	ns	16.1	88.67	8.5	33.28	8.3
F30	12 Aug 2015	1110	60	8e	ns	12.0	89.09	6.0	33.40	8.1
F30	12 Aug 2015	1110	80	340e	ns	11.4	87.66	5.3	33.43	8.0
F30	12 Aug 2015	1110	98	<2	ns	11.2	88.32	5.1	33.52	8.0
F31	12 Aug 2015	1055	1	2e	ns	21.7	89.34	7.3	33.47	8.3
F31	12 Aug 2015	1055	25	<2	ns	15.9	88.19	8.5	33.29	8.3
F31	12 Aug 2015	1055	60	12e	ns	11.8	90.32	6.4	33.31	8.1
F31	12 Aug 2015	1055	80	2e	ns	11.3	89.66	5.2	33.50	8.0
F31	12 Aug 2015	1055	98	<2	ns	11.2	87.34	5.1	33.52	8.0
F32	12 Aug 2015	956	1	<2	ns	21.6	89.17	7.3	33.45	8.3
F32	12 Aug 2015	956	25	<2	ns	15.9	88.57	8.5	33.28	8.3
F32	12 Aug 2015	956	60	130e	ns	11.7	90.48	6.2	33.33	8.1
F32	12 Aug 2015	956	80	<2	ns	11.3	90.04	5.2	33.51	8.0
F32	12 Aug 2015	956	98	58	ns	11.2	88.26	5.2	33.49	8.0
F33	12 Aug 2015	941	1	<2	ns	21.6	88.64	7.3	33.44	8.3
F33	12 Aug 2015	941	25	<2	ns	15.9	88.50	8.5	33.28	8.3
F33	12 Aug 2015	941	60	420	ns	11.6	89.96	5.8	33.36	8.0
F33	12 Aug 2015	941	80	120e	ns	11.2	88.90	5.3	33.47	8.0
F33	12 Aug 2015	941	98	22e	ns	11.2	87.81	5.2	33.51	8.0
F34	12 Aug 2015	923	1	<2	ns	21.9	88.90	7.3	33.44	8.3
F34	12 Aug 2015	923	25	<2	ns	15.8	87.68	8.5	33.28	8.3
F34	12 Aug 2015	923	60	<2	ns	11.6	90.37	5.8	33.38	8.0
F34	12 Aug 2015	923	80	<2	ns	11.2	90.37	5.3	33.49	8.0
F34	12 Aug 2015	923	98	20e	ns	11.2	88.53	5.2	33.50	8.0

Station	Date	Time	Depth	Enterο	N-NH3	Temp	XMS	DO	Sal	pH
F35	12 Aug 2015	904	1	<2	ns	21.9	88.15	7.3	33.44	8.3
F35	12 Aug 2015	904	25	<2	ns	15.7	87.40	8.5	33.28	8.3
F35	12 Aug 2015	904	60	<2	ns	11.5	90.69	6.5	33.29	8.1
F35	12 Aug 2015	904	80	<2	ns	11.2	90.52	5.5	33.48	8.0
F35	12 Aug 2015	904	98	28e	ns	11.2	88.01	5.2	33.50	8.0
F36	12 Aug 2015	846	1	<2	ns	21.9	87.83	7.3	33.43	8.2
F36	12 Aug 2015	846	25	<2	ns	15.4	86.62	8.5	33.28	8.2
F36	12 Aug 2015	846	60	<2	ns	11.5	90.40	6.9	33.18	8.1
F36	12 Aug 2015	846	80	18e	ns	11.1	90.59	5.5	33.47	8.0
F36	12 Aug 2015	846	98	16e	ns	11.1	88.69	5.1	33.52	8.0

ns = not sampled

**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	10 Aug 2015	Depth (m)	20
F01	10 Aug 2015	Arrive Time	1219
F01	10 Aug 2015	Depart Time	1222
F01	10 Aug 2015	Air Temp (C)	21
F01	10 Aug 2015	Weather	Cloudy
F01	10 Aug 2015	Visibility (mi)	10
F01	10 Aug 2015	Wind Speed (kts)	9
F01	10 Aug 2015	Wind Dir	E
F01	10 Aug 2015	Water Color	Brownish-Green
F01	10 Aug 2015	Wave Ht Low (ft)	2
F01	10 Aug 2015	Wave Period (sec)	13
F01	10 Aug 2015	Sea State	Calm
F01	10 Aug 2015	High Tide (ft)	3.86
F01	10 Aug 2015	High Tide Time	800
F01	10 Aug 2015	Low Tide (ft)	2
F01	10 Aug 2015	Low Tide Time	1300
F01	10 Aug 2015	Comments	none
F02	10 Aug 2015	Depth (m)	21
F02	10 Aug 2015	Arrive Time	825
F02	10 Aug 2015	Depart Time	831
F02	10 Aug 2015	Air Temp (C)	20
F02	10 Aug 2015	Weather	Cloudy
F02	10 Aug 2015	Visibility (mi)	4
F02	10 Aug 2015	Wind Speed (kts)	0
F02	10 Aug 2015	Wind Dir	
F02	10 Aug 2015	Water Color	Brownish-Green
F02	10 Aug 2015	Wave Ht Low (ft)	3
F02	10 Aug 2015	Wave Period (sec)	13
F02	10 Aug 2015	Sea State	Calm
F02	10 Aug 2015	High Tide (ft)	3.86
F02	10 Aug 2015	High Tide Time	800
F02	10 Aug 2015	Low Tide (ft)	2
F02	10 Aug 2015	Low Tide Time	1300
F02	10 Aug 2015	Comments	
F03	10 Aug 2015	Depth (m)	20
F03	10 Aug 2015	Arrive Time	842
F03	10 Aug 2015	Depart Time	845
F03	10 Aug 2015	Air Temp (C)	20
F03	10 Aug 2015	Weather	Cloudy
F03	10 Aug 2015	Visibility (mi)	4
F03	10 Aug 2015	Wind Speed (kts)	1
F03	10 Aug 2015	Wind Dir	N
F03	10 Aug 2015	Water Color	Brownish-Green
F03	10 Aug 2015	Wave Ht Low (ft)	3
F03	10 Aug 2015	Wave Period (sec)	13
F03	10 Aug 2015	Sea State	Calm
F03	10 Aug 2015	High Tide (ft)	3.86
F03	10 Aug 2015	High Tide Time	800
F03	10 Aug 2015	Low Tide (ft)	2
F03	10 Aug 2015	Low Tide Time	1300
F03	10 Aug 2015	Comments	

Station	Date	Parameter	Value
F04	10 Aug 2015	Depth (m)	59
F04	10 Aug 2015	Arrive Time	1155
F04	10 Aug 2015	Depart Time	1201
F04	10 Aug 2015	Air Temp (C)	21
F04	10 Aug 2015	Weather	Cloudy
F04	10 Aug 2015	Visibility (mi)	10
F04	10 Aug 2015	Wind Speed (kts)	6
F04	10 Aug 2015	Wind Dir	SW
F04	10 Aug 2015	Water Color	Brownish-Green
F04	10 Aug 2015	Wave Ht Low (ft)	2
F04	10 Aug 2015	Wave Period (sec)	13
F04	10 Aug 2015	Sea State	Calm
F04	10 Aug 2015	High Tide (ft)	3.86
F04	10 Aug 2015	High Tide Time	800
F04	10 Aug 2015	Low Tide (ft)	2
F04	10 Aug 2015	Low Tide Time	1300
F04	10 Aug 2015	Comments	Unable to make station depth of 60 m within 0.05 nm of station do to low tide
F05	10 Aug 2015	Depth (m)	61
F05	10 Aug 2015	Arrive Time	1142
F05	10 Aug 2015	Depart Time	1148
F05	10 Aug 2015	Air Temp (C)	21
F05	10 Aug 2015	Weather	Cloudy
F05	10 Aug 2015	Visibility (mi)	10
F05	10 Aug 2015	Wind Speed (kts)	5
F05	10 Aug 2015	Wind Dir	NE
F05	10 Aug 2015	Water Color	Brownish-Green
F05	10 Aug 2015	Wave Ht Low (ft)	2
F05	10 Aug 2015	Wave Period (sec)	13
F05	10 Aug 2015	Sea State	Calm
F05	10 Aug 2015	High Tide (ft)	3.86
F05	10 Aug 2015	High Tide Time	800
F05	10 Aug 2015	Low Tide (ft)	2
F05	10 Aug 2015	Low Tide Time	1300
F05	10 Aug 2015	Comments	
F06	10 Aug 2015	Depth (m)	61
F06	10 Aug 2015	Arrive Time	1128
F06	10 Aug 2015	Depart Time	1133
F06	10 Aug 2015	Air Temp (C)	21
F06	10 Aug 2015	Weather	Cloudy
F06	10 Aug 2015	Visibility (mi)	10
F06	10 Aug 2015	Wind Speed (kts)	7
F06	10 Aug 2015	Wind Dir	NW
F06	10 Aug 2015	Water Color	Brownish-Green
F06	10 Aug 2015	Wave Ht Low (ft)	2
F06	10 Aug 2015	Wave Period (sec)	13
F06	10 Aug 2015	Sea State	Calm
F06	10 Aug 2015	High Tide (ft)	3.86
F06	10 Aug 2015	High Tide Time	800
F06	10 Aug 2015	Low Tide (ft)	2
F06	10 Aug 2015	Low Tide Time	1300
F06	10 Aug 2015	Comments	
F07	10 Aug 2015	Depth (m)	64
F07	10 Aug 2015	Arrive Time	1113
F07	10 Aug 2015	Depart Time	1121

Station	Date	Parameter	Value
F07	10 Aug 2015	Air Temp (C)	21
F07	10 Aug 2015	Weather	Cloudy
F07	10 Aug 2015	Visibility (mi)	10
F07	10 Aug 2015	Wind Speed (kts)	4
F07	10 Aug 2015	Wind Dir	W
F07	10 Aug 2015	Water Color	Brownish-Green
F07	10 Aug 2015	Wave Ht Low (ft)	2
F07	10 Aug 2015	Wave Period (sec)	13
F07	10 Aug 2015	Sea State	Calm
F07	10 Aug 2015	High Tide (ft)	3.86
F07	10 Aug 2015	High Tide Time	800
F07	10 Aug 2015	Low Tide (ft)	2
F07	10 Aug 2015	Low Tide Time	1300
F07	10 Aug 2015	Comments	
F08	10 Aug 2015	Depth (m)	62
F08	10 Aug 2015	Arrive Time	1054
F08	10 Aug 2015	Depart Time	1101
F08	10 Aug 2015	Air Temp (C)	21
F08	10 Aug 2015	Weather	Cloudy
F08	10 Aug 2015	Visibility (mi)	10
F08	10 Aug 2015	Wind Speed (kts)	5
F08	10 Aug 2015	Wind Dir	N
F08	10 Aug 2015	Water Color	Brownish-Green
F08	10 Aug 2015	Wave Ht Low (ft)	2
F08	10 Aug 2015	Wave Period (sec)	13
F08	10 Aug 2015	Sea State	Calm
F08	10 Aug 2015	High Tide (ft)	3.86
F08	10 Aug 2015	High Tide Time	800
F08	10 Aug 2015	Low Tide (ft)	2
F08	10 Aug 2015	Low Tide Time	1300
F08	10 Aug 2015	Comments	
F09	10 Aug 2015	Depth (m)	62
F09	10 Aug 2015	Arrive Time	1042
F09	10 Aug 2015	Depart Time	1047
F09	10 Aug 2015	Air Temp (C)	21
F09	10 Aug 2015	Weather	Cloudy
F09	10 Aug 2015	Visibility (mi)	10
F09	10 Aug 2015	Wind Speed (kts)	4
F09	10 Aug 2015	Wind Dir	SW
F09	10 Aug 2015	Water Color	Brownish-Green
F09	10 Aug 2015	Wave Ht Low (ft)	2
F09	10 Aug 2015	Wave Period (sec)	13
F09	10 Aug 2015	Sea State	Calm
F09	10 Aug 2015	High Tide (ft)	3.86
F09	10 Aug 2015	High Tide Time	800
F09	10 Aug 2015	Low Tide (ft)	2
F09	10 Aug 2015	Low Tide Time	1300
F09	10 Aug 2015	Comments	
F10	10 Aug 2015	Depth (m)	62
F10	10 Aug 2015	Arrive Time	1027
F10	10 Aug 2015	Depart Time	1033
F10	10 Aug 2015	Air Temp (C)	21
F10	10 Aug 2015	Weather	Cloudy
F10	10 Aug 2015	Visibility (mi)	10
F10	10 Aug 2015	Wind Speed (kts)	4

Station	Date	Parameter	Value
F10	10 Aug 2015	Wind Dir	E
F10	10 Aug 2015	Water Color	Brownish-Green
F10	10 Aug 2015	Wave Ht Low (ft)	2
F10	10 Aug 2015	Wave Period (sec)	13
F10	10 Aug 2015	Sea State	Calm
F10	10 Aug 2015	High Tide (ft)	3.86
F10	10 Aug 2015	High Tide Time	800
F10	10 Aug 2015	Low Tide (ft)	2
F10	10 Aug 2015	Low Tide Time	1300
F10	10 Aug 2015	Comments	
F11	10 Aug 2015	Depth (m)	61
F11	10 Aug 2015	Arrive Time	1011
F11	10 Aug 2015	Depart Time	1017
F11	10 Aug 2015	Air Temp (C)	20
F11	10 Aug 2015	Weather	Cloudy
F11	10 Aug 2015	Visibility (mi)	10
F11	10 Aug 2015	Wind Speed (kts)	6
F11	10 Aug 2015	Wind Dir	N
F11	10 Aug 2015	Water Color	Brownish-Green
F11	10 Aug 2015	Wave Ht Low (ft)	2
F11	10 Aug 2015	Wave Period (sec)	13
F11	10 Aug 2015	Sea State	Calm
F11	10 Aug 2015	High Tide (ft)	3.86
F11	10 Aug 2015	High Tide Time	800
F11	10 Aug 2015	Low Tide (ft)	2
F11	10 Aug 2015	Low Tide Time	1300
F11	10 Aug 2015	Comments	
F12	10 Aug 2015	Depth (m)	62
F12	10 Aug 2015	Arrive Time	955
F12	10 Aug 2015	Depart Time	1001
F12	10 Aug 2015	Air Temp (C)	21
F12	10 Aug 2015	Weather	Cloudy
F12	10 Aug 2015	Visibility (mi)	8
F12	10 Aug 2015	Wind Speed (kts)	3
F12	10 Aug 2015	Wind Dir	SE
F12	10 Aug 2015	Water Color	Brownish-Green
F12	10 Aug 2015	Wave Ht Low (ft)	2
F12	10 Aug 2015	Wave Period (sec)	13
F12	10 Aug 2015	Sea State	Calm
F12	10 Aug 2015	High Tide (ft)	3.86
F12	10 Aug 2015	High Tide Time	800
F12	10 Aug 2015	Low Tide (ft)	2
F12	10 Aug 2015	Low Tide Time	1300
F12	10 Aug 2015	Comments	
F13	10 Aug 2015	Depth (m)	60
F13	10 Aug 2015	Arrive Time	939
F13	10 Aug 2015	Depart Time	943
F13	10 Aug 2015	Air Temp (C)	21
F13	10 Aug 2015	Weather	Cloudy
F13	10 Aug 2015	Visibility (mi)	8
F13	10 Aug 2015	Wind Speed (kts)	1
F13	10 Aug 2015	Wind Dir	W
F13	10 Aug 2015	Water Color	Brownish-Green
F13	10 Aug 2015	Wave Ht Low (ft)	2
F13	10 Aug 2015	Wave Period (sec)	13

Station	Date	Parameter	Value
F13	10 Aug 2015	Sea State	Calm
	10 Aug 2015	High Tide (ft)	3.86
	10 Aug 2015	High Tide Time	800
	10 Aug 2015	Low Tide (ft)	2
	10 Aug 2015	Low Tide Time	1300
	10 Aug 2015	Comments	
F14	10 Aug 2015	Depth (m)	61
	10 Aug 2015	Arrive Time	859
	10 Aug 2015	Depart Time	904
	10 Aug 2015	Air Temp (C)	20
	10 Aug 2015	Weather	Cloudy
	10 Aug 2015	Visibility (mi)	6
	10 Aug 2015	Wind Speed (kts)	0
	10 Aug 2015	Wind Dir	
	10 Aug 2015	Water Color	Brownish-Green
	10 Aug 2015	Wave Ht Low (ft)	2
	10 Aug 2015	Wave Period (sec)	13
	10 Aug 2015	Sea State	Calm
	10 Aug 2015	High Tide (ft)	3.86
	10 Aug 2015	High Tide Time	800
F14	10 Aug 2015	Low Tide (ft)	2
	10 Aug 2015	Low Tide Time	1300
	10 Aug 2015	Comments	
F15	11 Aug 2015	Depth (m)	81
	11 Aug 2015	Arrive Time	1109
	11 Aug 2015	Depart Time	1114
	11 Aug 2015	Air Temp (C)	20
	11 Aug 2015	Weather	Cloudy
	11 Aug 2015	Visibility (mi)	6
	11 Aug 2015	Wind Speed (kts)	4
	11 Aug 2015	Wind Dir	NW
	11 Aug 2015	Water Color	Bluish-Green
	11 Aug 2015	Wave Ht Low (ft)	2
	11 Aug 2015	Wave Period (sec)	11
	11 Aug 2015	Sea State	Calm
	11 Aug 2015	High Tide (ft)	4.1
	11 Aug 2015	High Tide Time	839
F15	11 Aug 2015	Low Tide (ft)	1.83
	11 Aug 2015	Low Tide Time	1349
	11 Aug 2015	Comments	
F16	11 Aug 2015	Depth (m)	82
	11 Aug 2015	Arrive Time	1057
	11 Aug 2015	Depart Time	1101
	11 Aug 2015	Air Temp (C)	20
	11 Aug 2015	Weather	Cloudy
	11 Aug 2015	Visibility (mi)	6
	11 Aug 2015	Wind Speed (kts)	3
	11 Aug 2015	Wind Dir	NE
	11 Aug 2015	Water Color	Bluish-Green
	11 Aug 2015	Wave Ht Low (ft)	2
	11 Aug 2015	Wave Period (sec)	11
	11 Aug 2015	Sea State	Calm
	11 Aug 2015	High Tide (ft)	4.1
	11 Aug 2015	High Tide Time	839
	11 Aug 2015	Low Tide (ft)	1.83

Station	Date	Parameter	Value
F16	11 Aug 2015	Low Tide Time	1349
F16	11 Aug 2015	Comments	
F17	11 Aug 2015	Depth (m)	82
F17	11 Aug 2015	Arrive Time	1043
F17	11 Aug 2015	Depart Time	1046
F17	11 Aug 2015	Air Temp (C)	20
F17	11 Aug 2015	Weather	Cloudy
F17	11 Aug 2015	Visibility (mi)	6
F17	11 Aug 2015	Wind Speed (kts)	2
F17	11 Aug 2015	Wind Dir	SW
F17	11 Aug 2015	Water Color	Bluish-Green
F17	11 Aug 2015	Wave Ht Low (ft)	2
F17	11 Aug 2015	Wave Period (sec)	11
F17	11 Aug 2015	Sea State	Calm
F17	11 Aug 2015	High Tide (ft)	4.1
F17	11 Aug 2015	High Tide Time	839
F17	11 Aug 2015	Low Tide (ft)	1.83
F17	11 Aug 2015	Low Tide Time	1349
F17	11 Aug 2015	Comments	
F18	11 Aug 2015	Depth (m)	82
F18	11 Aug 2015	Arrive Time	1025
F18	11 Aug 2015	Depart Time	1032
F18	11 Aug 2015	Air Temp (C)	20
F18	11 Aug 2015	Weather	Cloudy
F18	11 Aug 2015	Visibility (mi)	6
F18	11 Aug 2015	Wind Speed (kts)	3
F18	11 Aug 2015	Wind Dir	SE
F18	11 Aug 2015	Water Color	Bluish-Green
F18	11 Aug 2015	Wave Ht Low (ft)	2
F18	11 Aug 2015	Wave Period (sec)	11
F18	11 Aug 2015	Sea State	Calm
F18	11 Aug 2015	High Tide (ft)	4.1
F18	11 Aug 2015	High Tide Time	839
F18	11 Aug 2015	Low Tide (ft)	1.83
F18	11 Aug 2015	Low Tide Time	1349
F18	11 Aug 2015	Comments	
F19	11 Aug 2015	Depth (m)	82
F19	11 Aug 2015	Arrive Time	1010
F19	11 Aug 2015	Depart Time	1016
F19	11 Aug 2015	Air Temp (C)	20
F19	11 Aug 2015	Weather	Cloudy
F19	11 Aug 2015	Visibility (mi)	6
F19	11 Aug 2015	Wind Speed (kts)	3
F19	11 Aug 2015	Wind Dir	NE
F19	11 Aug 2015	Water Color	Bluish-Green
F19	11 Aug 2015	Wave Ht Low (ft)	2
F19	11 Aug 2015	Wave Period (sec)	11
F19	11 Aug 2015	Sea State	Calm
F19	11 Aug 2015	High Tide (ft)	4.1
F19	11 Aug 2015	High Tide Time	839
F19	11 Aug 2015	Low Tide (ft)	1.83
F19	11 Aug 2015	Low Tide Time	1349
F19	11 Aug 2015	Comments	
F20	11 Aug 2015	Depth (m)	82

Station	Date	Parameter	Value
F20	11 Aug 2015	Arrive Time	957
F20	11 Aug 2015	Depart Time	1002
F20	11 Aug 2015	Air Temp (C)	20
F20	11 Aug 2015	Weather	Cloudy
F20	11 Aug 2015	Visibility (mi)	6
F20	11 Aug 2015	Wind Speed (kts)	4
F20	11 Aug 2015	Wind Dir	W
F20	11 Aug 2015	Water Color	Bluish-Green
F20	11 Aug 2015	Wave Ht Low (ft)	2
F20	11 Aug 2015	Wave Period (sec)	11
F20	11 Aug 2015	Sea State	Calm
F20	11 Aug 2015	High Tide (ft)	4.1
F20	11 Aug 2015	High Tide Time	839
F20	11 Aug 2015	Low Tide (ft)	1.83
F20	11 Aug 2015	Low Tide Time	1349
F20	11 Aug 2015	Comments	
F21	11 Aug 2015	Depth (m)	84
F21	11 Aug 2015	Arrive Time	942
F21	11 Aug 2015	Depart Time	947
F21	11 Aug 2015	Air Temp (C)	20
F21	11 Aug 2015	Weather	Cloudy
F21	11 Aug 2015	Visibility (mi)	6
F21	11 Aug 2015	Wind Speed (kts)	4
F21	11 Aug 2015	Wind Dir	W
F21	11 Aug 2015	Water Color	Bluish-Green
F21	11 Aug 2015	Wave Ht Low (ft)	2
F21	11 Aug 2015	Wave Period (sec)	11
F21	11 Aug 2015	Sea State	Calm
F21	11 Aug 2015	High Tide (ft)	4.1
F21	11 Aug 2015	High Tide Time	839
F21	11 Aug 2015	Low Tide (ft)	1.83
F21	11 Aug 2015	Low Tide Time	1349
F21	11 Aug 2015	Comments	
F22	11 Aug 2015	Depth (m)	81
F22	11 Aug 2015	Arrive Time	928
F22	11 Aug 2015	Depart Time	934
F22	11 Aug 2015	Air Temp (C)	20
F22	11 Aug 2015	Weather	Cloudy
F22	11 Aug 2015	Visibility (mi)	6
F22	11 Aug 2015	Wind Speed (kts)	6
F22	11 Aug 2015	Wind Dir	SE
F22	11 Aug 2015	Water Color	Bluish-Green
F22	11 Aug 2015	Wave Ht Low (ft)	2
F22	11 Aug 2015	Wave Period (sec)	11
F22	11 Aug 2015	Sea State	Calm
F22	11 Aug 2015	High Tide (ft)	4.1
F22	11 Aug 2015	High Tide Time	839
F22	11 Aug 2015	Low Tide (ft)	1.83
F22	11 Aug 2015	Low Tide Time	1349
F22	11 Aug 2015	Comments	
F24	11 Aug 2015	Depth (m)	82
F24	11 Aug 2015	Arrive Time	859
F24	11 Aug 2015	Depart Time	905
F24	11 Aug 2015	Air Temp (C)	20
F24	11 Aug 2015	Weather	Cloudy

Station	Date	Parameter	Value
F24	11 Aug 2015	Visibility (mi)	6
F24	11 Aug 2015	Wind Speed (kts)	5
F24	11 Aug 2015	Wind Dir	SE
F24	11 Aug 2015	Water Color	Bluish-Green
F24	11 Aug 2015	Wave Ht Low (ft)	2
F24	11 Aug 2015	Wave Period (sec)	11
F24	11 Aug 2015	Sea State	Calm
F24	11 Aug 2015	High Tide (ft)	4.1
F24	11 Aug 2015	High Tide Time	839
F24	11 Aug 2015	Low Tide (ft)	1.83
F24	11 Aug 2015	Low Tide Time	1349
F24	11 Aug 2015	Comments	
F25	11 Aug 2015	Depth (m)	81
F25	11 Aug 2015	Arrive Time	843
F25	11 Aug 2015	Depart Time	849
F25	11 Aug 2015	Air Temp (C)	20
F25	11 Aug 2015	Weather	Cloudy
F25	11 Aug 2015	Visibility (mi)	6
F25	11 Aug 2015	Wind Speed (kts)	7
F25	11 Aug 2015	Wind Dir	NE
F25	11 Aug 2015	Water Color	Bluish-Green
F25	11 Aug 2015	Wave Ht Low (ft)	2
F25	11 Aug 2015	Wave Period (sec)	11
F25	11 Aug 2015	Sea State	Calm
F25	11 Aug 2015	High Tide (ft)	4.1
F25	11 Aug 2015	High Tide Time	839
F25	11 Aug 2015	Low Tide (ft)	1.83
F25	11 Aug 2015	Low Tide Time	1349
F25	11 Aug 2015	Comments	
F26	12 Aug 2015	Depth (m)	98
F26	12 Aug 2015	Arrive Time	1235
F26	12 Aug 2015	Depart Time	1243
F26	12 Aug 2015	Air Temp (C)	21
F26	12 Aug 2015	Weather	Partly Cloudy
F26	12 Aug 2015	Visibility (mi)	16
F26	12 Aug 2015	Wind Speed (kts)	8
F26	12 Aug 2015	Wind Dir	SE
F26	12 Aug 2015	Water Color	Bluish-Green
F26	12 Aug 2015	Wave Ht Low (ft)	1
F26	12 Aug 2015	Wave Period (sec)	13
F26	12 Aug 2015	Sea State	Calm
F26	12 Aug 2015	High Tide (ft)	4.27
F26	12 Aug 2015	High Tide Time	912
F26	12 Aug 2015	Low Tide (ft)	1.66
F26	12 Aug 2015	Low Tide Time	1430
F26	12 Aug 2015	Comments	
F27	12 Aug 2015	Depth (m)	99
F27	12 Aug 2015	Arrive Time	1210
F27	12 Aug 2015	Depart Time	1229
F27	12 Aug 2015	Air Temp (C)	21
F27	12 Aug 2015	Weather	Partly Cloudy
F27	12 Aug 2015	Visibility (mi)	16
F27	12 Aug 2015	Wind Speed (kts)	8
F27	12 Aug 2015	Wind Dir	W
F27	12 Aug 2015	Water Color	Bluish-Green

Station	Date	Parameter	Value
F27	12 Aug 2015	Wave Ht Low (ft)	1
F27	12 Aug 2015	Wave Period (sec)	13
F27	12 Aug 2015	Sea State	Calm
F27	12 Aug 2015	High Tide (ft)	4.27
F27	12 Aug 2015	High Tide Time	912
F27	12 Aug 2015	Low Tide (ft)	1.66
F27	12 Aug 2015	Low Tide Time	1430
F27	12 Aug 2015	Comments	
F28	12 Aug 2015	Depth (m)	100
F28	12 Aug 2015	Arrive Time	1153
F28	12 Aug 2015	Depart Time	1202
F28	12 Aug 2015	Air Temp (C)	21
F28	12 Aug 2015	Weather	Partly Cloudy
F28	12 Aug 2015	Visibility (mi)	16
F28	12 Aug 2015	Wind Speed (kts)	8
F28	12 Aug 2015	Wind Dir	E
F28	12 Aug 2015	Water Color	Bluish-Green
F28	12 Aug 2015	Wave Ht Low (ft)	1
F28	12 Aug 2015	Wave Period (sec)	13
F28	12 Aug 2015	Sea State	Calm
F28	12 Aug 2015	High Tide (ft)	4.27
F28	12 Aug 2015	High Tide Time	912
F28	12 Aug 2015	Low Tide (ft)	1.66
F28	12 Aug 2015	Low Tide Time	1430
F28	12 Aug 2015	Comments	
F29	12 Aug 2015	Depth (m)	99
F29	12 Aug 2015	Arrive Time	1136
F29	12 Aug 2015	Depart Time	1143
F29	12 Aug 2015	Air Temp (C)	21
F29	12 Aug 2015	Weather	Partly Cloudy
F29	12 Aug 2015	Visibility (mi)	16
F29	12 Aug 2015	Wind Speed (kts)	10
F29	12 Aug 2015	Wind Dir	SE
F29	12 Aug 2015	Water Color	Bluish-Green
F29	12 Aug 2015	Wave Ht Low (ft)	1
F29	12 Aug 2015	Wave Period (sec)	13
F29	12 Aug 2015	Sea State	Calm
F29	12 Aug 2015	High Tide (ft)	4.27
F29	12 Aug 2015	High Tide Time	912
F29	12 Aug 2015	Low Tide (ft)	1.66
F29	12 Aug 2015	Low Tide Time	1430
F29	12 Aug 2015	Comments	
F30	12 Aug 2015	Depth (m)	97
F30	12 Aug 2015	Arrive Time	1110
F30	12 Aug 2015	Depart Time	1129
F30	12 Aug 2015	Air Temp (C)	21
F30	12 Aug 2015	Weather	Partly Cloudy
F30	12 Aug 2015	Visibility (mi)	16
F30	12 Aug 2015	Wind Speed (kts)	10
F30	12 Aug 2015	Wind Dir	S
F30	12 Aug 2015	Water Color	Bluish-Green
F30	12 Aug 2015	Wave Ht Low (ft)	1
F30	12 Aug 2015	Wave Period (sec)	13
F30	12 Aug 2015	Sea State	Calm
F30	12 Aug 2015	High Tide (ft)	4.27

Station	Date	Parameter	Value
F30	12 Aug 2015	High Tide Time	912
F30	12 Aug 2015	Low Tide (ft)	1.66
F30	12 Aug 2015	Low Tide Time	1430
F30	12 Aug 2015	Comments	Did not make station target depth of 98 m within 0.05 nm of station
F31	12 Aug 2015	Depth (m)	97
F31	12 Aug 2015	Arrive Time	1055
F31	12 Aug 2015	Depart Time	1103
F31	12 Aug 2015	Air Temp (C)	21
F31	12 Aug 2015	Weather	Partly Cloudy
F31	12 Aug 2015	Visibility (mi)	16
F31	12 Aug 2015	Wind Speed (kts)	4
F31	12 Aug 2015	Wind Dir	W
F31	12 Aug 2015	Water Color	Bluish-Green
F31	12 Aug 2015	Wave Ht Low (ft)	1
F31	12 Aug 2015	Wave Period (sec)	13
F31	12 Aug 2015	Sea State	Calm
F31	12 Aug 2015	High Tide (ft)	4.27
F31	12 Aug 2015	High Tide Time	912
F31	12 Aug 2015	Low Tide (ft)	1.66
F31	12 Aug 2015	Low Tide Time	1430
F31	12 Aug 2015	Comments	Did not make station target depth of 98 m within 0.05 nm of station
F32	12 Aug 2015	Depth (m)	100
F32	12 Aug 2015	Arrive Time	956
F32	12 Aug 2015	Depart Time	1007
F32	12 Aug 2015	Air Temp (C)	21
F32	12 Aug 2015	Weather	Partly Cloudy
F32	12 Aug 2015	Visibility (mi)	12
F32	12 Aug 2015	Wind Speed (kts)	7
F32	12 Aug 2015	Wind Dir	NE
F32	12 Aug 2015	Water Color	Bluish-Green
F32	12 Aug 2015	Wave Ht Low (ft)	1
F32	12 Aug 2015	Wave Period (sec)	13
F32	12 Aug 2015	Sea State	Calm
F32	12 Aug 2015	High Tide (ft)	4.27
F32	12 Aug 2015	High Tide Time	912
F32	12 Aug 2015	Low Tide (ft)	1.66
F32	12 Aug 2015	Low Tide Time	1430
F32	12 Aug 2015	Comments	
F33	12 Aug 2015	Depth (m)	100
F33	12 Aug 2015	Arrive Time	941
F33	12 Aug 2015	Depart Time	946
F33	12 Aug 2015	Air Temp (C)	21
F33	12 Aug 2015	Weather	Partly Cloudy
F33	12 Aug 2015	Visibility (mi)	12
F33	12 Aug 2015	Wind Speed (kts)	7
F33	12 Aug 2015	Wind Dir	SE
F33	12 Aug 2015	Water Color	Bluish-Green
F33	12 Aug 2015	Wave Ht Low (ft)	1
F33	12 Aug 2015	Wave Period (sec)	13
F33	12 Aug 2015	Sea State	Calm
F33	12 Aug 2015	High Tide (ft)	4.27
F33	12 Aug 2015	High Tide Time	912
F33	12 Aug 2015	Low Tide (ft)	1.66

Station	Date	Parameter	Value
F33	12 Aug 2015	Low Tide Time	1430
F33	12 Aug 2015	Comments	
F34	12 Aug 2015	Depth (m)	99
F34	12 Aug 2015	Arrive Time	923
F34	12 Aug 2015	Depart Time	933
F34	12 Aug 2015	Air Temp (C)	20
F34	12 Aug 2015	Weather	Partly Cloudy
F34	12 Aug 2015	Visibility (mi)	12
F34	12 Aug 2015	Wind Speed (kts)	13
F34	12 Aug 2015	Wind Dir	S
F34	12 Aug 2015	Water Color	Bluish-Green
F34	12 Aug 2015	Wave Ht Low (ft)	1
F34	12 Aug 2015	Wave Period (sec)	13
F34	12 Aug 2015	Sea State	Calm
F34	12 Aug 2015	High Tide (ft)	4.27
F34	12 Aug 2015	High Tide Time	912
F34	12 Aug 2015	Low Tide (ft)	1.66
F34	12 Aug 2015	Low Tide Time	1430
F34	12 Aug 2015	Comments	
F35	12 Aug 2015	Depth (m)	100
F35	12 Aug 2015	Arrive Time	904
F35	12 Aug 2015	Depart Time	909
F35	12 Aug 2015	Air Temp (C)	21
F35	12 Aug 2015	Weather	Partly Cloudy
F35	12 Aug 2015	Visibility (mi)	14
F35	12 Aug 2015	Wind Speed (kts)	6
F35	12 Aug 2015	Wind Dir	NE
F35	12 Aug 2015	Water Color	Bluish-Green
F35	12 Aug 2015	Wave Ht Low (ft)	1
F35	12 Aug 2015	Wave Period (sec)	13
F35	12 Aug 2015	Sea State	Calm
F35	12 Aug 2015	High Tide (ft)	4.27
F35	12 Aug 2015	High Tide Time	912
F35	12 Aug 2015	Low Tide (ft)	1.66
F35	12 Aug 2015	Low Tide Time	1430
F35	12 Aug 2015	Comments	
F36	12 Aug 2015	Depth (m)	100
F36	12 Aug 2015	Arrive Time	846
F36	12 Aug 2015	Depart Time	852
F36	12 Aug 2015	Air Temp (C)	21
F36	12 Aug 2015	Weather	Partly Cloudy
F36	12 Aug 2015	Visibility (mi)	14
F36	12 Aug 2015	Wind Speed (kts)	4
F36	12 Aug 2015	Wind Dir	S
F36	12 Aug 2015	Water Color	Bluish-Green
F36	12 Aug 2015	Wave Ht Low (ft)	1
F36	12 Aug 2015	Wave Period (sec)	13
F36	12 Aug 2015	Sea State	Calm
F36	12 Aug 2015	High Tide (ft)	4.27
F36	12 Aug 2015	High Tide Time	912
F36	12 Aug 2015	Low Tide (ft)	1.66
F36	12 Aug 2015	Low Tide Time	1430
F36	12 Aug 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 (σ-t)	Chlor (µg/L)
F01	10 Aug 2015	1	20.66	86.52	8.0	33.39	8.3	23.4	0.48
F01	10 Aug 2015	2	20.56	86.58	8.1	33.38	8.3	23.4	0.50
F01	10 Aug 2015	3	20.43	86.26	8.2	33.37	8.3	23.4	0.58
F01	10 Aug 2015	4	19.83	84.79	8.2	33.33	8.3	23.5	0.88
F01	10 Aug 2015	5	19.62	81.77	8.3	33.34	8.3	23.6	1.05
F01	10 Aug 2015	6	19.55	81.18	8.1	33.34	8.3	23.6	1.19
F01	10 Aug 2015	7	18.95	80.80	7.9	33.28	8.2	23.7	1.23
F01	10 Aug 2015	8	18.06	83.02	8.2	33.28	8.2	23.9	1.18
F01	10 Aug 2015	9	17.52	83.38	8.4	33.29	8.2	24.1	1.21
F01	10 Aug 2015	10	17.28	84.41	8.4	33.28	8.2	24.1	1.16
F01	10 Aug 2015	11	17.01	85.14	8.4	33.29	8.2	24.2	1.14
F01	10 Aug 2015	12	16.83	85.54	8.4	33.29	8.2	24.2	1.12
F01	10 Aug 2015	13	16.63	85.43	8.3	33.28	8.2	24.3	1.22
F01	10 Aug 2015	14	16.39	84.41	8.3	33.28	8.2	24.3	1.35
F01	10 Aug 2015	15	16.31	83.69	8.2	33.28	8.2	24.4	1.43
F01	10 Aug 2015	16	16.19	83.17	8.2	33.27	8.2	24.4	1.50
F01	10 Aug 2015	17	16.01	82.87	8.1	33.27	8.2	24.4	1.49
F01	10 Aug 2015	18	15.74	83.20	8.1	33.26	8.2	24.5	1.30
F01	10 Aug 2015	19	15.47	84.27	8.1	33.26	8.2	24.5	1.13
F02	10 Aug 2015	1	20.32	80.97	7.8	33.33	8.2	23.4	1.13
F02	10 Aug 2015	2	20.04	80.91	8.0	33.34	8.2	23.5	1.26
F02	10 Aug 2015	3	19.83	81.28	8.1	33.34	8.2	23.5	1.36
F02	10 Aug 2015	4	19.77	81.97	8.1	33.34	8.2	23.6	1.41
F02	10 Aug 2015	5	19.69	82.37	8.1	33.34	8.2	23.6	1.40
F02	10 Aug 2015	6	19.54	83.17	8.1	33.34	8.2	23.6	1.45
F02	10 Aug 2015	7	19.40	83.18	8.1	33.33	8.2	23.6	1.60
F02	10 Aug 2015	8	19.21	82.67	8.2	33.32	8.2	23.7	1.74
F02	10 Aug 2015	9	19.03	82.46	8.2	33.33	8.2	23.7	1.62
F02	10 Aug 2015	10	18.99	83.27	8.2	33.33	8.2	23.7	1.51
F02	10 Aug 2015	11	18.55	83.90	8.2	33.30	8.2	23.8	1.48
F02	10 Aug 2015	12	17.73	84.83	8.3	33.30	8.2	24.0	1.65
F02	10 Aug 2015	13	16.83	84.78	8.2	33.25	8.2	24.2	1.83
F02	10 Aug 2015	14	16.17	85.12	8.2	33.26	8.2	24.4	2.05
F02	10 Aug 2015	15	15.73	84.80	8.2	33.26	8.1	24.5	2.24
F02	10 Aug 2015	16	15.71	84.42	8.1	33.27	8.1	24.5	2.29
F02	10 Aug 2015	17	15.70	84.56	8.1	33.27	8.1	24.5	2.16
F02	10 Aug 2015	18	15.65	84.53	7.9	33.27	8.1	24.5	1.96
F02	10 Aug 2015	19	15.42	84.93	7.8	33.26	8.1	24.5	1.66
F02	10 Aug 2015	20	15.27	84.87	7.8	33.27	8.1	24.6	1.55
F02	10 Aug 2015	21	15.25	85.11	7.8	33.27	8.1	24.6	1.50
F03	10 Aug 2015	1	20.33	82.42	7.9	33.35	8.2	23.4	1.07
F03	10 Aug 2015	2	20.29	82.12	8.0	33.35	8.2	23.4	1.18
F03	10 Aug 2015	3	20.23	81.88	8.0	33.33	8.2	23.4	1.26
F03	10 Aug 2015	4	19.90	81.87	8.1	33.33	8.2	23.5	1.36
F03	10 Aug 2015	5	19.61	81.71	8.2	33.32	8.2	23.6	1.58
F03	10 Aug 2015	6	19.27	81.20	8.2	33.30	8.2	23.7	1.70
F03	10 Aug 2015	7	18.63	81.35	8.3	33.28	8.2	23.8	1.87
F03	10 Aug 2015	8	18.29	81.04	8.4	33.30	8.2	23.9	1.94
F03	10 Aug 2015	9	17.85	81.62	8.4	33.28	8.2	24.0	2.03
F03	10 Aug 2015	10	17.42	82.35	8.5	33.28	8.2	24.1	2.16
F03	10 Aug 2015	11	16.76	82.64	8.5	33.25	8.2	24.2	2.35
F03	10 Aug 2015	12	16.19	82.87	8.4	33.26	8.2	24.4	2.72

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F03	10 Aug 2015	13	15.97	82.76	8.4	33.27	8.2	24.4	3.00
F03	10 Aug 2015	14	15.81	82.51	8.3	33.26	8.2	24.5	3.15
F03	10 Aug 2015	15	15.53	82.65	8.2	33.25	8.2	24.5	3.25
F03	10 Aug 2015	16	15.18	82.93	8.1	33.25	8.2	24.6	3.05
F03	10 Aug 2015	17	15.05	83.95	8.1	33.26	8.2	24.6	2.77
F03	10 Aug 2015	18	15.03	84.43	8.0	33.26	8.2	24.6	2.57
F03	10 Aug 2015	19	15.02	84.67	8.0	33.27	8.2	24.6	2.44
F04	10 Aug 2015	1	21.51	89.71	7.3	33.45	8.2	23.2	0.20
F04	10 Aug 2015	2	21.36	89.73	7.4	33.45	8.2	23.2	0.20
F04	10 Aug 2015	3	21.31	89.67	7.4	33.45	8.2	23.2	0.21
F04	10 Aug 2015	4	21.29	89.63	7.4	33.45	8.2	23.2	0.22
F04	10 Aug 2015	5	21.28	89.58	7.4	33.45	8.2	23.2	0.23
F04	10 Aug 2015	6	21.27	89.53	7.4	33.45	8.2	23.2	0.22
F04	10 Aug 2015	7	21.26	89.48	7.4	33.45	8.2	23.2	0.23
F04	10 Aug 2015	8	21.25	89.47	7.3	33.45	8.2	23.2	0.24
F04	10 Aug 2015	9	21.25	89.43	7.4	33.45	8.2	23.2	0.25
F04	10 Aug 2015	10	21.24	89.42	7.4	33.45	8.2	23.2	0.24
F04	10 Aug 2015	11	21.23	89.42	7.4	33.45	8.2	23.2	0.25
F04	10 Aug 2015	12	21.13	89.49	7.4	33.44	8.2	23.3	0.24
F04	10 Aug 2015	13	20.79	89.80	7.5	33.43	8.2	23.4	0.23
F04	10 Aug 2015	14	20.24	89.78	7.6	33.39	8.2	23.5	0.24
F04	10 Aug 2015	15	19.59	89.97	7.8	33.39	8.2	23.6	0.24
F04	10 Aug 2015	16	19.17	89.95	7.9	33.36	8.2	23.7	0.24
F04	10 Aug 2015	17	18.67	89.93	8.1	33.35	8.3	23.8	0.23
F04	10 Aug 2015	18	18.48	90.00	8.1	33.35	8.3	23.9	0.24
F04	10 Aug 2015	19	18.31	90.01	8.1	33.33	8.3	23.9	0.24
F04	10 Aug 2015	20	18.09	90.01	8.1	33.34	8.3	24.0	0.25
F04	10 Aug 2015	21	17.93	90.02	8.2	33.32	8.3	24.0	0.26
F04	10 Aug 2015	22	17.69	89.92	8.2	33.32	8.3	24.1	0.28
F04	10 Aug 2015	23	17.39	89.72	8.4	33.31	8.3	24.1	0.32
F04	10 Aug 2015	24	17.21	89.40	8.5	33.31	8.3	24.2	0.38
F04	10 Aug 2015	25	17.05	89.17	8.5	33.30	8.3	24.2	0.42
F04	10 Aug 2015	26	16.51	88.54	8.6	33.27	8.3	24.3	0.49
F04	10 Aug 2015	27	15.89	87.98	8.6	33.26	8.3	24.4	0.56
F04	10 Aug 2015	28	15.56	88.20	8.5	33.26	8.3	24.5	0.56
F04	10 Aug 2015	29	15.50	88.50	8.4	33.26	8.3	24.5	0.58
F04	10 Aug 2015	30	15.40	88.51	8.4	33.25	8.2	24.5	0.63
F04	10 Aug 2015	31	15.17	88.57	8.3	33.23	8.2	24.6	0.68
F04	10 Aug 2015	32	15.08	88.45	8.3	33.23	8.2	24.6	0.76
F04	10 Aug 2015	33	15.03	88.39	8.3	33.23	8.2	24.6	0.82
F04	10 Aug 2015	34	14.98	88.52	8.2	33.23	8.2	24.6	0.92
F04	10 Aug 2015	35	14.78	88.47	8.3	33.23	8.2	24.7	1.03
F04	10 Aug 2015	36	14.60	87.73	8.3	33.23	8.2	24.7	1.28
F04	10 Aug 2015	37	14.42	87.10	8.3	33.23	8.2	24.7	1.93
F04	10 Aug 2015	38	14.30	85.85	8.2	33.24	8.2	24.8	2.88
F04	10 Aug 2015	39	14.24	84.85	8.2	33.23	8.2	24.8	3.46
F04	10 Aug 2015	40	14.18	84.74	8.1	33.24	8.2	24.8	3.72
F04	10 Aug 2015	41	14.11	84.89	8.1	33.24	8.2	24.8	3.85
F04	10 Aug 2015	42	14.04	85.28	8.0	33.24	8.2	24.8	3.95
F04	10 Aug 2015	43	14.01	85.26	7.9	33.24	8.2	24.8	3.98
F04	10 Aug 2015	44	13.91	85.47	7.8	33.24	8.2	24.8	3.88
F04	10 Aug 2015	45	13.87	85.88	7.8	33.24	8.2	24.9	3.71
F04	10 Aug 2015	46	13.84	86.14	7.8	33.24	8.2	24.9	3.60
F04	10 Aug 2015	47	13.82	86.22	7.8	33.24	8.2	24.9	3.56
F04	10 Aug 2015	48	13.67	86.52	7.6	33.24	8.2	24.9	3.34
F04	10 Aug 2015	49	13.50	87.15	7.5	33.25	8.2	24.9	3.01

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F04	10 Aug 2015	50	13.37	87.85	7.4	33.26	8.2	25.0	2.77
F04	10 Aug 2015	51	13.36	88.00	7.4	33.26	8.2	25.0	2.71
F04	10 Aug 2015	52	13.36	88.00	7.4	33.26	8.2	25.0	2.67
F04	10 Aug 2015	53	13.33	88.01	7.4	33.26	8.2	25.0	2.65
F04	10 Aug 2015	54	13.25	88.17	7.3	33.26	8.2	25.0	2.51
F04	10 Aug 2015	55	13.14	88.38	7.2	33.27	8.2	25.0	2.31
F04	10 Aug 2015	56	13.00	88.64	7.0	33.27	8.1	25.1	2.06
F04	10 Aug 2015	57	12.84	88.64	6.8	33.28	8.1	25.1	1.76
F04	10 Aug 2015	58	12.52	88.87	6.6	33.30	8.1	25.2	1.49
F04	10 Aug 2015	59	12.45	89.05	6.6	33.31	8.1	25.2	1.37
F05	10 Aug 2015	1	21.55	89.27	7.3	33.45	8.2	23.2	0.23
F05	10 Aug 2015	2	21.46	89.20	7.3	33.44	8.2	23.2	0.24
F05	10 Aug 2015	3	21.31	89.06	7.4	33.44	8.2	23.2	0.24
F05	10 Aug 2015	4	21.26	89.06	7.4	33.44	8.2	23.2	0.25
F05	10 Aug 2015	5	21.21	89.11	7.4	33.44	8.2	23.2	0.26
F05	10 Aug 2015	6	21.18	89.18	7.4	33.44	8.2	23.3	0.27
F05	10 Aug 2015	7	21.16	89.26	7.4	33.44	8.2	23.3	0.26
F05	10 Aug 2015	8	21.14	89.20	7.4	33.44	8.2	23.3	0.28
F05	10 Aug 2015	9	21.13	89.17	7.4	33.44	8.2	23.3	0.29
F05	10 Aug 2015	10	21.12	89.15	7.4	33.44	8.2	23.3	0.30
F05	10 Aug 2015	11	21.08	89.15	7.4	33.44	8.2	23.3	0.30
F05	10 Aug 2015	12	20.72	89.30	7.5	33.41	8.2	23.4	0.32
F05	10 Aug 2015	13	20.10	89.64	7.7	33.39	8.2	23.5	0.28
F05	10 Aug 2015	14	19.76	89.79	7.8	33.39	8.2	23.6	0.28
F05	10 Aug 2015	15	19.13	89.77	7.9	33.36	8.2	23.7	0.28
F05	10 Aug 2015	16	18.50	89.77	8.1	33.32	8.2	23.9	0.31
F05	10 Aug 2015	17	18.09	89.77	8.2	33.33	8.2	24.0	0.30
F05	10 Aug 2015	18	17.97	89.80	8.2	33.33	8.3	24.0	0.30
F05	10 Aug 2015	19	17.80	89.74	8.3	33.32	8.3	24.0	0.31
F05	10 Aug 2015	20	17.63	89.70	8.3	33.32	8.3	24.1	0.33
F05	10 Aug 2015	21	17.44	89.64	8.3	33.31	8.3	24.1	0.35
F05	10 Aug 2015	22	17.27	89.53	8.4	33.31	8.3	24.2	0.38
F05	10 Aug 2015	23	17.10	89.34	8.5	33.30	8.3	24.2	0.45
F05	10 Aug 2015	24	16.73	88.80	8.7	33.26	8.3	24.2	0.52
F05	10 Aug 2015	25	16.07	88.11	8.8	33.26	8.3	24.4	0.59
F05	10 Aug 2015	26	15.73	87.74	8.6	33.24	8.3	24.5	0.59
F05	10 Aug 2015	27	15.40	88.34	8.4	33.25	8.2	24.5	0.61
F05	10 Aug 2015	28	15.33	88.46	8.4	33.25	8.2	24.5	0.63
F05	10 Aug 2015	29	15.18	88.52	8.4	33.23	8.2	24.6	0.67
F05	10 Aug 2015	30	15.04	88.39	8.3	33.23	8.2	24.6	0.78
F05	10 Aug 2015	31	15.01	88.25	8.4	33.24	8.2	24.6	0.87
F05	10 Aug 2015	32	15.00	88.19	8.4	33.24	8.2	24.6	0.91
F05	10 Aug 2015	33	14.95	88.05	8.3	33.23	8.2	24.6	0.96
F05	10 Aug 2015	34	14.78	88.08	8.2	33.22	8.2	24.6	1.05
F05	10 Aug 2015	35	14.67	88.07	8.2	33.22	8.2	24.7	1.14
F05	10 Aug 2015	36	14.65	87.99	8.2	33.22	8.2	24.7	1.20
F05	10 Aug 2015	37	14.60	87.88	8.2	33.23	8.2	24.7	1.31
F05	10 Aug 2015	38	14.55	87.71	8.2	33.23	8.2	24.7	1.52
F05	10 Aug 2015	39	14.44	87.47	8.3	33.23	8.2	24.7	2.11
F05	10 Aug 2015	40	14.31	86.24	8.2	33.23	8.2	24.8	3.04
F05	10 Aug 2015	41	14.23	85.22	8.2	33.23	8.2	24.8	3.54
F05	10 Aug 2015	42	14.16	85.21	8.2	33.24	8.2	24.8	3.78
F05	10 Aug 2015	43	14.08	85.10	8.1	33.23	8.2	24.8	3.96
F05	10 Aug 2015	44	13.91	85.33	8.0	33.24	8.2	24.8	4.03
F05	10 Aug 2015	45	13.79	85.63	7.8	33.24	8.2	24.9	3.99
F05	10 Aug 2015	46	13.64	86.01	7.7	33.24	8.2	24.9	3.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F05	10 Aug 2015	47	13.58	86.33	7.6	33.25	8.2	24.9	3.67
F05	10 Aug 2015	48	13.55	86.61	7.6	33.25	8.2	24.9	3.47
F05	10 Aug 2015	49	13.50	87.05	7.6	33.25	8.2	24.9	3.29
F05	10 Aug 2015	50	13.46	87.28	7.5	33.25	8.2	24.9	3.09
F05	10 Aug 2015	51	13.40	87.45	7.5	33.26	8.2	25.0	2.97
F05	10 Aug 2015	52	13.37	87.64	7.4	33.26	8.2	25.0	2.84
F05	10 Aug 2015	53	13.34	87.81	7.4	33.26	8.2	25.0	2.72
F05	10 Aug 2015	54	13.27	88.01	7.3	33.26	8.2	25.0	2.57
F05	10 Aug 2015	55	13.17	88.23	7.2	33.26	8.2	25.0	2.40
F05	10 Aug 2015	56	13.01	88.46	7.0	33.27	8.1	25.0	2.20
F05	10 Aug 2015	57	12.83	88.54	6.8	33.28	8.1	25.1	1.91
F05	10 Aug 2015	58	12.60	88.55	6.7	33.29	8.1	25.1	1.69
F05	10 Aug 2015	59	12.52	88.52	6.6	33.30	8.1	25.2	1.52
F05	10 Aug 2015	60	12.51	88.36	6.6	33.30	8.1	25.2	1.49
F06	10 Aug 2015	1	21.40	87.55	7.3	33.44	8.2	23.2	0.28
F06	10 Aug 2015	2	21.35	88.49	7.4	33.44	8.2	23.2	0.28
F06	10 Aug 2015	3	21.37	88.77	7.3	33.44	8.2	23.2	0.29
F06	10 Aug 2015	4	21.30	88.85	7.4	33.44	8.2	23.2	0.29
F06	10 Aug 2015	5	21.24	88.86	7.4	33.44	8.2	23.2	0.29
F06	10 Aug 2015	6	21.20	89.02	7.4	33.44	8.2	23.3	0.29
F06	10 Aug 2015	7	21.18	89.22	7.4	33.44	8.2	23.3	0.29
F06	10 Aug 2015	8	21.17	89.31	7.4	33.44	8.2	23.3	0.29
F06	10 Aug 2015	9	21.15	89.28	7.4	33.44	8.2	23.3	0.30
F06	10 Aug 2015	10	20.89	89.07	7.4	33.42	8.2	23.3	0.29
F06	10 Aug 2015	11	20.41	89.45	7.7	33.42	8.2	23.5	0.30
F06	10 Aug 2015	12	20.33	89.66	7.7	33.42	8.2	23.5	0.31
F06	10 Aug 2015	13	20.26	89.65	7.7	33.41	8.2	23.5	0.33
F06	10 Aug 2015	14	20.03	89.46	7.7	33.39	8.2	23.5	0.33
F06	10 Aug 2015	15	19.33	89.48	7.9	33.36	8.2	23.7	0.32
F06	10 Aug 2015	16	18.81	89.59	8.1	33.35	8.2	23.8	0.31
F06	10 Aug 2015	17	18.54	89.61	8.2	33.35	8.2	23.9	0.34
F06	10 Aug 2015	18	18.18	89.55	8.2	33.33	8.2	23.9	0.35
F06	10 Aug 2015	19	17.75	89.57	8.3	33.31	8.2	24.0	0.37
F06	10 Aug 2015	20	17.51	89.40	8.4	33.31	8.3	24.1	0.39
F06	10 Aug 2015	21	17.37	89.31	8.4	33.31	8.3	24.1	0.42
F06	10 Aug 2015	22	17.25	89.22	8.4	33.31	8.3	24.2	0.44
F06	10 Aug 2015	23	17.05	89.12	8.4	33.31	8.3	24.2	0.49
F06	10 Aug 2015	24	16.89	88.91	8.5	33.30	8.3	24.2	0.54
F06	10 Aug 2015	25	16.45	88.34	8.8	33.27	8.3	24.3	0.68
F06	10 Aug 2015	26	16.00	87.66	8.6	33.26	8.3	24.4	0.73
F06	10 Aug 2015	27	15.48	87.98	8.4	33.24	8.3	24.5	0.77
F06	10 Aug 2015	28	15.05	88.07	8.3	33.22	8.2	24.6	0.91
F06	10 Aug 2015	29	14.76	87.51	8.3	33.22	8.2	24.7	1.06
F06	10 Aug 2015	30	14.67	87.40	8.3	33.22	8.2	24.7	1.20
F06	10 Aug 2015	31	14.61	87.44	8.3	33.22	8.2	24.7	1.34
F06	10 Aug 2015	32	14.57	87.29	8.2	33.22	8.2	24.7	1.50
F06	10 Aug 2015	33	14.53	87.26	8.2	33.22	8.2	24.7	1.63
F06	10 Aug 2015	34	14.49	87.22	8.2	33.22	8.2	24.7	1.74
F06	10 Aug 2015	35	14.40	87.11	8.2	33.22	8.2	24.7	1.95
F06	10 Aug 2015	36	14.35	86.80	8.2	33.22	8.2	24.7	2.14
F06	10 Aug 2015	37	14.31	86.64	8.2	33.23	8.2	24.8	2.39
F06	10 Aug 2015	38	14.22	86.45	8.2	33.23	8.2	24.8	2.95
F06	10 Aug 2015	39	14.10	85.56	8.2	33.24	8.2	24.8	3.76
F06	10 Aug 2015	40	14.09	84.81	8.2	33.24	8.2	24.8	4.18
F06	10 Aug 2015	41	14.08	84.75	8.2	33.24	8.2	24.8	4.33
F06	10 Aug 2015	42	13.96	84.92	7.9	33.23	8.2	24.8	4.14

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F06	10 Aug 2015	43	13.67	85.92	7.7	33.24	8.2	24.9	3.37
F06	10 Aug 2015	44	13.63	86.76	7.6	33.24	8.2	24.9	2.98
F06	10 Aug 2015	45	13.55	87.07	7.6	33.25	8.2	24.9	2.84
F06	10 Aug 2015	46	13.49	87.32	7.5	33.25	8.2	24.9	2.72
F06	10 Aug 2015	47	13.40	87.62	7.4	33.26	8.2	25.0	2.58
F06	10 Aug 2015	48	13.31	87.92	7.3	33.26	8.2	25.0	2.49
F06	10 Aug 2015	49	13.19	88.20	7.2	33.26	8.2	25.0	2.43
F06	10 Aug 2015	50	13.09	88.37	7.2	33.27	8.1	25.0	2.31
F06	10 Aug 2015	51	13.02	88.63	7.1	33.27	8.1	25.1	2.16
F06	10 Aug 2015	52	12.95	88.79	7.0	33.28	8.1	25.1	1.99
F06	10 Aug 2015	53	12.88	88.87	7.0	33.28	8.1	25.1	1.91
F06	10 Aug 2015	54	12.79	88.90	6.9	33.28	8.1	25.1	1.83
F06	10 Aug 2015	55	12.70	89.11	6.8	33.29	8.1	25.1	1.75
F06	10 Aug 2015	56	12.60	89.23	6.7	33.28	8.1	25.1	1.60
F06	10 Aug 2015	57	12.47	88.38	6.6	33.30	8.1	25.2	1.45
F06	10 Aug 2015	58	12.42	87.50	6.5	33.31	8.1	25.2	1.36
F06	10 Aug 2015	59	12.40	86.73	6.5	33.31	8.1	25.2	1.33
F06	10 Aug 2015	60	12.39	86.54	6.5	33.31	8.1	25.2	1.29
F07	10 Aug 2015	1	21.50	88.88	7.4	33.43	8.2	23.2	0.30
F07	10 Aug 2015	2	21.35	88.83	7.4	33.43	8.2	23.2	0.30
F07	10 Aug 2015	3	21.30	88.47	7.4	33.44	8.2	23.2	0.32
F07	10 Aug 2015	4	21.28	88.47	7.4	33.44	8.2	23.2	0.34
F07	10 Aug 2015	5	21.27	88.46	7.4	33.44	8.2	23.2	0.35
F07	10 Aug 2015	6	21.26	88.43	7.4	33.44	8.2	23.2	0.37
F07	10 Aug 2015	7	21.25	88.45	7.4	33.44	8.2	23.2	0.38
F07	10 Aug 2015	8	21.19	88.62	7.4	33.43	8.2	23.2	0.38
F07	10 Aug 2015	9	21.09	88.81	7.4	33.43	8.2	23.3	0.37
F07	10 Aug 2015	10	20.99	89.06	7.5	33.43	8.2	23.3	0.36
F07	10 Aug 2015	11	20.92	89.20	7.5	33.43	8.2	23.3	0.36
F07	10 Aug 2015	12	20.68	89.30	7.6	33.41	8.2	23.4	0.37
F07	10 Aug 2015	13	20.37	89.30	7.7	33.41	8.2	23.5	0.39
F07	10 Aug 2015	14	19.97	89.12	7.8	33.37	8.2	23.5	0.39
F07	10 Aug 2015	15	19.06	89.39	8.0	33.36	8.2	23.8	0.37
F07	10 Aug 2015	16	18.79	89.53	8.2	33.37	8.2	23.8	0.37
F07	10 Aug 2015	17	18.75	89.53	8.1	33.36	8.2	23.8	0.38
F07	10 Aug 2015	18	18.46	89.46	8.2	33.35	8.2	23.9	0.40
F07	10 Aug 2015	19	18.19	89.36	8.2	33.34	8.2	24.0	0.43
F07	10 Aug 2015	20	17.83	89.11	8.3	33.31	8.3	24.0	0.47
F07	10 Aug 2015	21	17.51	89.05	8.3	33.32	8.3	24.1	0.51
F07	10 Aug 2015	22	17.28	88.96	8.3	33.30	8.3	24.1	0.56
F07	10 Aug 2015	23	16.87	88.68	8.5	33.28	8.3	24.2	0.64
F07	10 Aug 2015	24	16.46	88.18	8.6	33.28	8.3	24.3	0.72
F07	10 Aug 2015	25	16.18	87.98	8.6	33.28	8.3	24.4	0.79
F07	10 Aug 2015	26	15.61	87.86	8.5	33.23	8.3	24.5	0.87
F07	10 Aug 2015	27	14.95	88.19	8.3	33.21	8.2	24.6	1.15
F07	10 Aug 2015	28	14.57	87.35	8.3	33.20	8.2	24.7	1.60
F07	10 Aug 2015	29	14.38	86.25	8.2	33.22	8.2	24.7	2.16
F07	10 Aug 2015	30	14.35	84.60	8.2	33.23	8.2	24.7	2.38
F07	10 Aug 2015	31	14.26	84.62	8.2	33.23	8.2	24.8	2.65
F07	10 Aug 2015	32	14.19	85.51	8.2	33.23	8.2	24.8	3.07
F07	10 Aug 2015	33	14.14	85.90	8.2	33.23	8.2	24.8	3.44
F07	10 Aug 2015	34	14.09	85.80	8.3	33.23	8.2	24.8	3.90
F07	10 Aug 2015	35	14.04	85.05	8.2	33.24	8.2	24.8	4.64
F07	10 Aug 2015	36	14.01	84.59	8.1	33.24	8.2	24.8	4.99
F07	10 Aug 2015	37	13.85	84.36	7.9	33.24	8.2	24.9	4.89
F07	10 Aug 2015	38	13.73	85.15	7.8	33.24	8.2	24.9	4.21

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F07	10 Aug 2015	39	13.65	86.32	7.6	33.24	8.2	24.9	3.51
F07	10 Aug 2015	40	13.63	87.02	7.6	33.25	8.2	24.9	3.06
F07	10 Aug 2015	41	13.61	87.03	7.6	33.25	8.2	24.9	2.83
F07	10 Aug 2015	42	13.57	87.12	7.6	33.25	8.2	24.9	2.69
F07	10 Aug 2015	43	13.54	87.40	7.5	33.25	8.2	24.9	2.59
F07	10 Aug 2015	44	13.51	87.38	7.5	33.25	8.2	24.9	2.54
F07	10 Aug 2015	45	13.47	87.53	7.5	33.25	8.2	24.9	2.49
F07	10 Aug 2015	46	13.44	87.66	7.4	33.26	8.2	25.0	2.54
F07	10 Aug 2015	47	13.40	87.79	7.4	33.26	8.2	25.0	2.54
F07	10 Aug 2015	48	13.36	87.89	7.4	33.26	8.2	25.0	2.51
F07	10 Aug 2015	49	13.23	88.20	7.3	33.26	8.2	25.0	2.36
F07	10 Aug 2015	50	13.16	88.39	7.2	33.27	8.1	25.0	2.22
F07	10 Aug 2015	51	13.12	88.36	7.1	33.27	8.1	25.0	2.16
F07	10 Aug 2015	52	13.04	88.34	7.1	33.27	8.1	25.0	2.04
F07	10 Aug 2015	53	12.94	88.67	7.0	33.27	8.1	25.1	2.01
F07	10 Aug 2015	54	12.75	89.03	6.9	33.27	8.1	25.1	1.85
F07	10 Aug 2015	55	12.62	89.45	6.8	33.28	8.1	25.1	1.71
F07	10 Aug 2015	56	12.55	89.61	6.7	33.29	8.1	25.2	1.61
F07	10 Aug 2015	57	12.50	89.31	6.7	33.30	8.1	25.2	1.51
F07	10 Aug 2015	58	12.39	88.93	6.6	33.30	8.1	25.2	1.40
F07	10 Aug 2015	59	12.31	88.21	6.5	33.31	8.1	25.2	1.31
F07	10 Aug 2015	60	12.27	87.16	6.4	33.32	8.1	25.2	1.25
F07	10 Aug 2015	61	12.25	86.13	6.4	33.32	8.1	25.2	1.20
F07	10 Aug 2015	62	12.10	84.71	6.2	33.31	8.1	25.3	1.08
F07	10 Aug 2015	63	11.96	84.22	6.2	33.34	8.1	25.3	1.04
F08	10 Aug 2015	1	21.62	89.04	7.3	33.44	8.2	23.1	0.29
F08	10 Aug 2015	2	21.54	89.11	7.3	33.45	8.2	23.2	0.30
F08	10 Aug 2015	3	21.44	89.05	7.3	33.44	8.2	23.2	0.31
F08	10 Aug 2015	4	21.37	89.02	7.4	33.44	8.2	23.2	0.32
F08	10 Aug 2015	5	21.21	88.88	7.5	33.42	8.2	23.2	0.35
F08	10 Aug 2015	6	21.09	88.72	7.5	33.42	8.2	23.3	0.37
F08	10 Aug 2015	7	20.90	88.70	7.6	33.40	8.2	23.3	0.42
F08	10 Aug 2015	8	20.48	88.58	7.8	33.39	8.2	23.4	0.43
F08	10 Aug 2015	9	20.08	88.63	7.9	33.39	8.2	23.5	0.44
F08	10 Aug 2015	10	19.85	88.66	7.9	33.38	8.2	23.6	0.47
F08	10 Aug 2015	11	19.33	88.74	7.9	33.35	8.2	23.7	0.47
F08	10 Aug 2015	12	18.32	89.08	8.2	33.33	8.2	23.9	0.43
F08	10 Aug 2015	13	17.89	89.09	8.4	33.33	8.2	24.0	0.44
F08	10 Aug 2015	14	17.79	88.87	8.4	33.33	8.3	24.0	0.46
F08	10 Aug 2015	15	17.71	88.77	8.4	33.32	8.3	24.1	0.50
F08	10 Aug 2015	16	17.51	88.61	8.4	33.32	8.3	24.1	0.52
F08	10 Aug 2015	17	17.41	88.46	8.4	33.32	8.3	24.1	0.60
F08	10 Aug 2015	18	17.11	87.96	8.2	33.30	8.2	24.2	0.81
F08	10 Aug 2015	19	16.62	86.98	8.1	33.28	8.2	24.3	0.97
F08	10 Aug 2015	20	16.12	86.58	8.2	33.28	8.2	24.4	1.06
F08	10 Aug 2015	21	16.01	86.67	8.4	33.28	8.2	24.4	1.10
F08	10 Aug 2015	22	15.99	86.87	8.4	33.28	8.2	24.4	1.08
F08	10 Aug 2015	23	15.84	87.08	8.6	33.28	8.2	24.5	1.04
F08	10 Aug 2015	24	15.59	87.77	8.5	33.27	8.2	24.5	1.05
F08	10 Aug 2015	25	15.13	87.94	8.4	33.25	8.2	24.6	1.19
F08	10 Aug 2015	26	14.85	87.64	8.3	33.23	8.2	24.6	1.43
F08	10 Aug 2015	27	14.66	87.03	8.3	33.23	8.2	24.7	1.70
F08	10 Aug 2015	28	14.63	86.93	8.3	33.23	8.2	24.7	1.82
F08	10 Aug 2015	29	14.53	86.91	8.2	33.23	8.2	24.7	1.99
F08	10 Aug 2015	30	14.41	86.74	8.1	33.22	8.2	24.7	2.40
F08	10 Aug 2015	31	14.23	86.68	8.1	33.22	8.2	24.8	2.92

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F08	10 Aug 2015	32	14.16	86.80	8.2	33.22	8.2	24.8	3.12
F08	10 Aug 2015	33	14.12	86.94	8.2	33.22	8.2	24.8	3.43
F08	10 Aug 2015	34	14.04	86.61	8.1	33.23	8.2	24.8	3.86
F08	10 Aug 2015	35	13.97	86.06	8.2	33.23	8.2	24.8	4.19
F08	10 Aug 2015	36	13.95	85.70	8.2	33.24	8.2	24.8	4.49
F08	10 Aug 2015	37	13.92	85.37	8.1	33.24	8.2	24.8	4.81
F08	10 Aug 2015	38	13.82	84.84	7.9	33.23	8.2	24.9	4.67
F08	10 Aug 2015	39	13.65	86.07	7.7	33.25	8.2	24.9	3.96
F08	10 Aug 2015	40	13.60	87.04	7.6	33.25	8.2	24.9	3.45
F08	10 Aug 2015	41	13.52	87.32	7.5	33.25	8.2	24.9	3.03
F08	10 Aug 2015	42	13.46	87.54	7.5	33.25	8.2	24.9	2.83
F08	10 Aug 2015	43	13.44	87.61	7.5	33.26	8.2	25.0	2.75
F08	10 Aug 2015	44	13.41	87.68	7.5	33.26	8.2	25.0	2.64
F08	10 Aug 2015	45	13.35	87.88	7.4	33.26	8.2	25.0	2.60
F08	10 Aug 2015	46	13.30	88.08	7.4	33.26	8.2	25.0	2.60
F08	10 Aug 2015	47	13.26	88.15	7.3	33.27	8.2	25.0	2.68
F08	10 Aug 2015	48	13.19	88.11	7.3	33.27	8.1	25.0	2.56
F08	10 Aug 2015	49	13.13	88.37	7.2	33.27	8.1	25.0	2.42
F08	10 Aug 2015	50	13.04	88.54	7.1	33.27	8.1	25.0	2.28
F08	10 Aug 2015	51	12.98	88.71	7.1	33.27	8.1	25.1	2.18
F08	10 Aug 2015	52	12.89	88.87	7.0	33.27	8.1	25.1	2.05
F08	10 Aug 2015	53	12.78	89.13	6.9	33.27	8.1	25.1	1.93
F08	10 Aug 2015	54	12.69	89.44	6.9	33.28	8.1	25.1	1.79
F08	10 Aug 2015	55	12.61	89.49	6.8	33.28	8.1	25.1	1.66
F08	10 Aug 2015	56	12.59	89.13	6.8	33.29	8.1	25.1	1.60
F08	10 Aug 2015	57	12.58	88.42	6.7	33.29	8.1	25.2	1.56
F08	10 Aug 2015	58	12.53	87.75	6.6	33.30	8.1	25.2	1.48
F08	10 Aug 2015	59	12.49	87.10	6.6	33.30	8.1	25.2	1.42
F08	10 Aug 2015	60	12.42	86.00	6.5	33.31	8.1	25.2	1.33
F08	10 Aug 2015	61	12.36	85.44	6.5	33.31	8.1	25.2	1.30
F09	10 Aug 2015	1	21.68	88.98	7.2	33.45	8.2	23.1	0.34
F09	10 Aug 2015	2	21.67	89.01	7.2	33.45	8.2	23.1	0.35
F09	10 Aug 2015	3	21.65	89.02	7.3	33.45	8.2	23.1	0.36
F09	10 Aug 2015	4	21.61	89.03	7.3	33.45	8.2	23.1	0.37
F09	10 Aug 2015	5	21.41	89.03	7.3	33.42	8.2	23.2	0.38
F09	10 Aug 2015	6	21.06	89.09	7.6	33.40	8.2	23.3	0.41
F09	10 Aug 2015	7	20.58	88.90	7.8	33.39	8.2	23.4	0.44
F09	10 Aug 2015	8	20.39	88.70	7.8	33.39	8.2	23.4	0.48
F09	10 Aug 2015	9	20.05	88.55	7.8	33.37	8.2	23.5	0.50
F09	10 Aug 2015	10	19.56	88.70	7.9	33.35	8.2	23.6	0.49
F09	10 Aug 2015	11	18.92	88.82	8.1	33.36	8.2	23.8	0.49
F09	10 Aug 2015	12	18.49	89.02	8.2	33.33	8.2	23.9	0.46
F09	10 Aug 2015	13	17.94	89.17	8.3	33.32	8.2	24.0	0.47
F09	10 Aug 2015	14	17.57	88.93	8.5	33.32	8.2	24.1	0.51
F09	10 Aug 2015	15	17.36	88.60	8.4	33.31	8.2	24.1	0.56
F09	10 Aug 2015	16	17.19	88.32	8.5	33.31	8.2	24.2	0.65
F09	10 Aug 2015	17	17.00	87.86	8.4	33.30	8.2	24.2	0.80
F09	10 Aug 2015	18	16.63	87.28	8.2	33.27	8.2	24.3	1.02
F09	10 Aug 2015	19	15.86	86.60	8.2	33.26	8.2	24.4	1.15
F09	10 Aug 2015	20	15.66	86.51	8.3	33.27	8.2	24.5	1.22
F09	10 Aug 2015	21	15.61	86.52	8.4	33.27	8.2	24.5	1.19
F09	10 Aug 2015	22	15.52	87.06	8.6	33.27	8.2	24.5	1.13
F09	10 Aug 2015	23	15.38	87.94	8.5	33.27	8.2	24.6	1.13
F09	10 Aug 2015	24	15.20	88.21	8.4	33.26	8.2	24.6	1.21
F09	10 Aug 2015	25	14.99	87.90	8.3	33.25	8.2	24.6	1.39
F09	10 Aug 2015	26	14.77	87.63	8.2	33.23	8.2	24.7	1.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F09	10 Aug 2015	27	14.60	87.42	8.2	33.23	8.2	24.7	1.92
F09	10 Aug 2015	28	14.30	87.44	8.1	33.21	8.2	24.7	2.50
F09	10 Aug 2015	29	14.15	87.08	8.1	33.22	8.2	24.8	2.85
F09	10 Aug 2015	30	14.09	87.29	8.0	33.22	8.2	24.8	2.98
F09	10 Aug 2015	31	14.04	87.40	8.0	33.22	8.2	24.8	3.05
F09	10 Aug 2015	32	13.96	87.46	8.0	33.22	8.2	24.8	3.28
F09	10 Aug 2015	33	13.91	87.22	8.0	33.23	8.2	24.8	3.79
F09	10 Aug 2015	34	13.79	86.07	8.0	33.24	8.2	24.9	4.19
F09	10 Aug 2015	35	13.73	86.14	7.9	33.24	8.2	24.9	4.19
F09	10 Aug 2015	36	13.67	86.38	7.8	33.24	8.2	24.9	4.21
F09	10 Aug 2015	37	13.63	86.20	7.8	33.25	8.2	24.9	4.08
F09	10 Aug 2015	38	13.61	86.35	7.8	33.25	8.2	24.9	3.92
F09	10 Aug 2015	39	13.59	86.50	7.7	33.25	8.2	24.9	3.79
F09	10 Aug 2015	40	13.58	86.54	7.7	33.25	8.2	24.9	3.63
F09	10 Aug 2015	41	13.56	86.73	7.6	33.25	8.2	24.9	3.30
F09	10 Aug 2015	42	13.55	87.06	7.6	33.25	8.2	24.9	2.96
F09	10 Aug 2015	43	13.52	87.33	7.5	33.25	8.2	24.9	2.74
F09	10 Aug 2015	44	13.46	87.52	7.5	33.25	8.2	24.9	2.61
F09	10 Aug 2015	45	13.42	87.59	7.5	33.25	8.2	25.0	2.69
F09	10 Aug 2015	46	13.32	87.55	7.4	33.26	8.2	25.0	2.82
F09	10 Aug 2015	47	13.18	87.77	7.2	33.25	8.1	25.0	2.57
F09	10 Aug 2015	48	13.08	87.99	7.1	33.26	8.1	25.0	2.38
F09	10 Aug 2015	49	13.01	88.51	7.1	33.27	8.1	25.1	2.26
F09	10 Aug 2015	50	12.95	88.72	7.0	33.27	8.1	25.1	2.15
F09	10 Aug 2015	51	12.93	88.82	7.0	33.27	8.1	25.1	2.07
F09	10 Aug 2015	52	12.93	88.78	7.0	33.27	8.1	25.1	2.00
F09	10 Aug 2015	53	12.85	88.59	6.9	33.28	8.1	25.1	1.88
F09	10 Aug 2015	54	12.81	87.58	6.9	33.28	8.1	25.1	1.77
F09	10 Aug 2015	55	12.80	87.26	6.9	33.28	8.1	25.1	1.73
F09	10 Aug 2015	56	12.78	87.09	6.8	33.29	8.1	25.1	1.69
F09	10 Aug 2015	57	12.76	86.45	6.8	33.29	8.1	25.1	1.65
F09	10 Aug 2015	58	12.76	85.94	6.8	33.29	8.1	25.1	1.63
F09	10 Aug 2015	59	12.76	85.52	6.8	33.29	8.1	25.1	1.62
F09	10 Aug 2015	60	12.77	84.61	6.8	33.29	8.1	25.1	1.63
F09	10 Aug 2015	61	12.77	83.94	6.8	33.29	8.1	25.1	1.60
F10	10 Aug 2015	1	21.69	88.28	7.3	33.44	8.2	23.1	0.44
F10	10 Aug 2015	2	21.63	88.48	7.3	33.43	8.2	23.1	0.46
F10	10 Aug 2015	3	21.48	88.38	7.4	33.42	8.2	23.2	0.46
F10	10 Aug 2015	4	20.93	88.60	7.6	33.40	8.2	23.3	0.46
F10	10 Aug 2015	5	20.67	88.64	7.7	33.40	8.2	23.4	0.50
F10	10 Aug 2015	6	20.41	88.25	7.8	33.38	8.2	23.4	0.57
F10	10 Aug 2015	7	19.86	87.82	7.8	33.34	8.2	23.5	0.56
F10	10 Aug 2015	8	18.88	88.39	8.2	33.34	8.2	23.8	0.55
F10	10 Aug 2015	9	18.49	88.68	8.3	33.35	8.2	23.9	0.55
F10	10 Aug 2015	10	18.07	88.79	8.3	33.33	8.2	24.0	0.53
F10	10 Aug 2015	11	17.88	88.95	8.4	33.34	8.2	24.0	0.54
F10	10 Aug 2015	12	17.85	88.95	8.3	33.34	8.2	24.0	0.55
F10	10 Aug 2015	13	17.79	88.92	8.3	33.33	8.2	24.0	0.55
F10	10 Aug 2015	14	17.53	88.91	8.4	33.31	8.3	24.1	0.57
F10	10 Aug 2015	15	17.23	88.60	8.5	33.32	8.2	24.2	0.58
F10	10 Aug 2015	16	17.19	88.42	8.5	33.32	8.3	24.2	0.61
F10	10 Aug 2015	17	16.96	88.30	8.5	33.30	8.3	24.2	0.69
F10	10 Aug 2015	18	16.69	88.12	8.4	33.29	8.3	24.3	0.78
F10	10 Aug 2015	19	16.26	87.85	8.5	33.28	8.2	24.4	0.95
F10	10 Aug 2015	20	15.95	87.35	8.3	33.26	8.2	24.4	1.20
F10	10 Aug 2015	21	15.55	86.63	8.3	33.26	8.2	24.5	1.41

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F10	10 Aug 2015	22	15.19	86.37	8.2	33.23	8.2	24.6	1.53
F10	10 Aug 2015	23	14.90	86.47	8.3	33.25	8.2	24.6	1.56
F10	10 Aug 2015	24	14.89	86.69	8.3	33.25	8.2	24.6	1.59
F10	10 Aug 2015	25	14.87	86.86	8.3	33.25	8.2	24.6	1.60
F10	10 Aug 2015	26	14.86	86.97	8.3	33.25	8.2	24.7	1.62
F10	10 Aug 2015	27	14.84	87.09	8.3	33.25	8.2	24.7	1.65
F10	10 Aug 2015	28	14.73	87.39	8.3	33.23	8.2	24.7	1.78
F10	10 Aug 2015	29	14.62	87.52	8.2	33.24	8.2	24.7	1.94
F10	10 Aug 2015	30	14.57	87.46	8.2	33.23	8.2	24.7	2.10
F10	10 Aug 2015	31	14.43	87.45	8.1	33.22	8.2	24.7	2.39
F10	10 Aug 2015	32	14.32	87.28	8.1	33.22	8.2	24.7	2.68
F10	10 Aug 2015	33	14.27	87.09	8.1	33.22	8.2	24.8	2.86
F10	10 Aug 2015	34	14.15	87.12	8.0	33.22	8.2	24.8	2.96
F10	10 Aug 2015	35	14.03	87.33	7.9	33.22	8.2	24.8	3.01
F10	10 Aug 2015	36	13.95	87.35	8.0	33.22	8.2	24.8	3.15
F10	10 Aug 2015	37	13.95	87.01	8.0	33.23	8.2	24.8	3.22
F10	10 Aug 2015	38	13.88	86.83	7.8	33.22	8.2	24.8	3.42
F10	10 Aug 2015	39	13.63	86.69	7.8	33.23	8.2	24.9	3.50
F10	10 Aug 2015	40	13.58	86.94	7.7	33.24	8.2	24.9	3.49
F10	10 Aug 2015	41	13.54	86.95	7.7	33.24	8.2	24.9	3.49
F10	10 Aug 2015	42	13.53	86.93	7.7	33.24	8.2	24.9	3.48
F10	10 Aug 2015	43	13.50	86.87	7.7	33.25	8.2	24.9	3.46
F10	10 Aug 2015	44	13.50	86.86	7.6	33.25	8.2	24.9	3.47
F10	10 Aug 2015	45	13.47	86.89	7.6	33.25	8.2	24.9	3.38
F10	10 Aug 2015	46	13.46	86.89	7.6	33.25	8.2	24.9	3.16
F10	10 Aug 2015	47	13.40	87.03	7.4	33.25	8.2	25.0	2.82
F10	10 Aug 2015	48	13.36	87.25	7.4	33.26	8.2	25.0	2.63
F10	10 Aug 2015	49	13.35	87.34	7.4	33.26	8.2	25.0	2.52
F10	10 Aug 2015	50	13.35	87.35	7.4	33.26	8.2	25.0	2.47
F10	10 Aug 2015	51	13.35	87.37	7.4	33.26	8.2	25.0	2.46
F10	10 Aug 2015	52	13.34	87.34	7.4	33.26	8.2	25.0	2.44
F10	10 Aug 2015	53	13.34	87.32	7.4	33.26	8.2	25.0	2.40
F10	10 Aug 2015	54	13.34	87.35	7.4	33.26	8.2	25.0	2.41
F10	10 Aug 2015	55	13.33	87.36	7.4	33.26	8.1	25.0	2.38
F10	10 Aug 2015	56	13.32	87.36	7.3	33.26	8.1	25.0	2.37
F10	10 Aug 2015	57	13.31	87.33	7.3	33.26	8.1	25.0	2.32
F10	10 Aug 2015	58	13.29	87.34	7.2	33.26	8.1	25.0	2.25
F10	10 Aug 2015	59	13.14	86.46	7.1	33.26	8.1	25.0	2.03
F10	10 Aug 2015	60	13.02	84.47	7.0	33.27	8.1	25.1	1.88
F10	10 Aug 2015	61	12.95	84.00	6.9	33.28	8.1	25.1	1.79
F11	10 Aug 2015	1	21.48	87.47	7.4	33.41	8.2	23.2	0.51
F11	10 Aug 2015	2	21.45	87.45	7.5	33.41	8.2	23.2	0.53
F11	10 Aug 2015	3	21.40	87.40	7.5	33.40	8.2	23.2	0.61
F11	10 Aug 2015	4	21.15	86.84	7.6	33.38	8.2	23.2	0.77
F11	10 Aug 2015	5	20.58	85.41	7.9	33.34	8.2	23.3	0.93
F11	10 Aug 2015	6	19.79	85.07	8.1	33.31	8.2	23.5	1.01
F11	10 Aug 2015	7	19.03	85.70	8.2	33.33	8.2	23.7	0.97
F11	10 Aug 2015	8	18.63	86.85	8.3	33.33	8.2	23.8	0.95
F11	10 Aug 2015	9	18.40	87.01	8.3	33.33	8.2	23.9	0.93
F11	10 Aug 2015	10	18.13	87.46	8.3	33.32	8.2	24.0	0.85
F11	10 Aug 2015	11	17.57	88.28	8.4	33.32	8.2	24.1	0.71
F11	10 Aug 2015	12	17.45	88.74	8.4	33.32	8.2	24.1	0.68
F11	10 Aug 2015	13	17.28	88.73	8.4	33.31	8.2	24.1	0.70
F11	10 Aug 2015	14	16.97	88.44	8.6	33.30	8.2	24.2	0.75
F11	10 Aug 2015	15	16.91	88.16	8.6	33.31	8.2	24.2	0.80
F11	10 Aug 2015	16	16.81	88.00	8.5	33.31	8.2	24.3	0.86

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F11	10 Aug 2015	17	16.57	87.91	8.5	33.29	8.2	24.3	0.94
F11	10 Aug 2015	18	16.28	87.87	8.6	33.29	8.2	24.4	1.01
F11	10 Aug 2015	19	16.14	87.69	8.5	33.28	8.2	24.4	1.07
F11	10 Aug 2015	20	15.75	87.43	8.5	33.27	8.2	24.5	1.23
F11	10 Aug 2015	21	15.44	87.27	8.3	33.27	8.2	24.5	1.37
F11	10 Aug 2015	22	15.38	87.16	8.3	33.27	8.2	24.6	1.45
F11	10 Aug 2015	23	15.34	87.12	8.3	33.27	8.2	24.6	1.47
F11	10 Aug 2015	24	15.32	87.07	8.2	33.27	8.2	24.6	1.50
F11	10 Aug 2015	25	15.26	87.18	8.2	33.27	8.2	24.6	1.50
F11	10 Aug 2015	26	15.08	87.03	8.2	33.26	8.2	24.6	1.59
F11	10 Aug 2015	27	14.89	86.85	8.2	33.26	8.2	24.6	1.61
F11	10 Aug 2015	28	14.81	86.98	8.3	33.25	8.2	24.7	1.61
F11	10 Aug 2015	29	14.73	87.22	8.3	33.24	8.2	24.7	1.70
F11	10 Aug 2015	30	14.57	87.21	8.2	33.23	8.2	24.7	1.93
F11	10 Aug 2015	31	14.50	87.11	8.2	33.24	8.2	24.7	2.00
F11	10 Aug 2015	32	14.46	87.01	8.2	33.24	8.2	24.7	2.09
F11	10 Aug 2015	33	14.43	86.89	8.2	33.24	8.2	24.7	2.15
F11	10 Aug 2015	34	14.41	86.82	8.2	33.24	8.2	24.7	2.16
F11	10 Aug 2015	35	14.39	86.82	8.1	33.24	8.2	24.7	2.24
F11	10 Aug 2015	36	14.33	87.02	8.2	33.23	8.2	24.8	2.46
F11	10 Aug 2015	37	14.28	87.11	8.1	33.23	8.2	24.8	2.60
F11	10 Aug 2015	38	14.21	87.12	8.1	33.23	8.2	24.8	2.68
F11	10 Aug 2015	39	14.16	87.15	8.0	33.23	8.2	24.8	2.65
F11	10 Aug 2015	40	14.10	87.04	8.0	33.23	8.2	24.8	2.52
F11	10 Aug 2015	41	14.03	86.97	8.0	33.23	8.2	24.8	2.59
F11	10 Aug 2015	42	13.94	86.73	7.9	33.23	8.2	24.8	2.89
F11	10 Aug 2015	43	13.86	86.60	7.8	33.23	8.2	24.8	3.11
F11	10 Aug 2015	44	13.61	86.73	7.7	33.23	8.2	24.9	3.06
F11	10 Aug 2015	45	13.53	87.11	7.6	33.24	8.2	24.9	2.79
F11	10 Aug 2015	46	13.51	87.29	7.5	33.25	8.2	24.9	2.52
F11	10 Aug 2015	47	13.49	87.36	7.5	33.24	8.2	24.9	2.30
F11	10 Aug 2015	48	13.42	87.34	7.4	33.25	8.1	25.0	2.17
F11	10 Aug 2015	49	13.38	87.28	7.4	33.25	8.1	25.0	2.07
F11	10 Aug 2015	50	13.37	87.06	7.4	33.25	8.1	25.0	2.01
F11	10 Aug 2015	51	13.37	87.04	7.4	33.25	8.1	25.0	1.99
F11	10 Aug 2015	52	13.37	87.03	7.4	33.25	8.1	25.0	1.99
F11	10 Aug 2015	53	13.37	87.03	7.4	33.25	8.1	25.0	1.96
F11	10 Aug 2015	54	13.38	87.04	7.4	33.25	8.1	25.0	1.96
F11	10 Aug 2015	55	13.38	87.02	7.3	33.25	8.1	25.0	1.95
F11	10 Aug 2015	56	13.33	86.96	7.3	33.25	8.1	25.0	1.90
F11	10 Aug 2015	57	13.20	86.68	7.1	33.26	8.1	25.0	1.76
F11	10 Aug 2015	58	13.00	85.48	6.8	33.27	8.1	25.1	1.57
F11	10 Aug 2015	59	12.86	84.01	6.7	33.29	8.1	25.1	1.44
F11	10 Aug 2015	60	12.82	83.73	6.7	33.29	8.1	25.1	1.38
F12	10 Aug 2015	1	21.02	85.86	7.7	33.38	8.2	23.3	0.66
F12	10 Aug 2015	2	20.87	85.81	7.8	33.37	8.2	23.3	0.70
F12	10 Aug 2015	3	20.71	85.67	7.8	33.36	8.2	23.3	0.76
F12	10 Aug 2015	4	20.50	85.15	7.9	33.36	8.2	23.4	0.90
F12	10 Aug 2015	5	20.42	84.70	7.9	33.36	8.2	23.4	1.04
F12	10 Aug 2015	6	20.30	83.89	7.9	33.35	8.2	23.4	1.16
F12	10 Aug 2015	7	20.15	84.17	8.0	33.34	8.2	23.5	1.21
F12	10 Aug 2015	8	19.78	84.63	8.0	33.32	8.2	23.5	1.17
F12	10 Aug 2015	9	19.20	85.64	8.2	33.34	8.2	23.7	1.07
F12	10 Aug 2015	10	18.96	86.58	8.0	33.32	8.2	23.7	0.95
F12	10 Aug 2015	11	17.68	88.03	8.4	33.29	8.2	24.0	0.80
F12	10 Aug 2015	12	17.19	88.60	8.6	33.30	8.2	24.2	0.80

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F12	10 Aug 2015	13	16.99	88.27	8.7	33.30	8.2	24.2	0.91
F12	10 Aug 2015	14	16.96	87.99	8.6	33.31	8.2	24.2	0.98
F12	10 Aug 2015	15	16.88	87.84	8.5	33.30	8.2	24.2	1.03
F12	10 Aug 2015	16	16.59	87.80	8.6	33.29	8.2	24.3	1.07
F12	10 Aug 2015	17	16.48	87.73	8.5	33.29	8.2	24.3	1.11
F12	10 Aug 2015	18	16.05	87.52	8.6	33.27	8.2	24.4	1.18
F12	10 Aug 2015	19	15.90	87.27	8.6	33.28	8.2	24.4	1.26
F12	10 Aug 2015	20	15.74	87.12	8.5	33.27	8.2	24.5	1.37
F12	10 Aug 2015	21	15.55	87.13	8.5	33.28	8.2	24.5	1.41
F12	10 Aug 2015	22	15.50	87.22	8.5	33.27	8.2	24.5	1.43
F12	10 Aug 2015	23	15.33	87.21	8.4	33.26	8.2	24.6	1.51
F12	10 Aug 2015	24	14.98	87.11	8.2	33.23	8.2	24.6	1.73
F12	10 Aug 2015	25	14.74	86.42	8.2	33.25	8.2	24.7	1.85
F12	10 Aug 2015	26	14.72	86.45	8.2	33.25	8.2	24.7	1.92
F12	10 Aug 2015	27	14.70	86.43	8.2	33.25	8.2	24.7	1.91
F12	10 Aug 2015	28	14.69	86.44	8.2	33.25	8.2	24.7	1.92
F12	10 Aug 2015	29	14.68	86.41	8.2	33.25	8.2	24.7	1.91
F12	10 Aug 2015	30	14.68	86.39	8.2	33.26	8.2	24.7	1.92
F12	10 Aug 2015	31	14.66	86.35	8.2	33.26	8.2	24.7	1.95
F12	10 Aug 2015	32	14.64	86.31	8.2	33.26	8.2	24.7	1.95
F12	10 Aug 2015	33	14.63	86.26	8.2	33.25	8.2	24.7	1.94
F12	10 Aug 2015	34	14.61	86.35	8.1	33.26	8.2	24.7	1.95
F12	10 Aug 2015	35	14.61	86.35	8.1	33.26	8.2	24.7	1.96
F12	10 Aug 2015	36	14.60	86.36	8.1	33.26	8.2	24.7	1.95
F12	10 Aug 2015	37	14.52	86.36	8.0	33.25	8.2	24.7	1.96
F12	10 Aug 2015	38	14.38	86.44	8.0	33.24	8.2	24.7	2.02
F12	10 Aug 2015	39	14.19	86.34	7.9	33.24	8.2	24.8	2.10
F12	10 Aug 2015	40	14.10	86.22	7.9	33.24	8.2	24.8	2.20
F12	10 Aug 2015	41	14.06	86.13	7.9	33.24	8.2	24.8	2.23
F12	10 Aug 2015	42	14.04	86.12	7.9	33.24	8.2	24.8	2.24
F12	10 Aug 2015	43	14.03	86.07	7.9	33.24	8.2	24.8	2.23
F12	10 Aug 2015	44	14.03	86.12	7.9	33.24	8.2	24.8	2.23
F12	10 Aug 2015	45	14.03	86.11	7.9	33.24	8.2	24.8	2.26
F12	10 Aug 2015	46	14.02	86.12	7.9	33.24	8.2	24.8	2.26
F12	10 Aug 2015	47	13.97	86.21	7.8	33.23	8.2	24.8	2.26
F12	10 Aug 2015	48	13.85	86.63	7.7	33.23	8.2	24.9	2.36
F12	10 Aug 2015	49	13.72	86.99	7.7	33.23	8.2	24.9	2.41
F12	10 Aug 2015	50	13.65	87.21	7.6	33.24	8.2	24.9	2.47
F12	10 Aug 2015	51	13.62	87.35	7.6	33.24	8.2	24.9	2.42
F12	10 Aug 2015	52	13.58	87.38	7.6	33.24	8.2	24.9	2.39
F12	10 Aug 2015	53	13.56	87.40	7.5	33.24	8.2	24.9	2.31
F12	10 Aug 2015	54	13.47	87.34	7.4	33.24	8.1	24.9	2.20
F12	10 Aug 2015	55	13.42	87.13	7.4	33.25	8.1	25.0	2.11
F12	10 Aug 2015	56	13.41	87.19	7.3	33.25	8.1	25.0	2.09
F12	10 Aug 2015	57	13.29	87.07	7.1	33.24	8.1	25.0	1.87
F12	10 Aug 2015	58	13.06	86.17	6.9	33.27	8.1	25.0	1.65
F12	10 Aug 2015	59	12.89	85.74	6.7	33.27	8.1	25.1	1.47
F12	10 Aug 2015	60	12.71	84.91	6.6	33.29	8.1	25.1	1.39
F12	10 Aug 2015	61	12.70	84.81	6.6	33.29	8.1	25.1	1.33
F13	10 Aug 2015	1	20.69	85.48	7.8	33.36	8.2	23.3	0.70
F13	10 Aug 2015	2	20.66	85.07	7.9	33.37	8.2	23.3	0.76
F13	10 Aug 2015	3	20.63	84.72	7.9	33.37	8.2	23.3	0.83
F13	10 Aug 2015	4	20.60	84.53	7.9	33.37	8.2	23.4	0.91
F13	10 Aug 2015	5	20.56	84.41	7.9	33.36	8.2	23.4	0.97
F13	10 Aug 2015	6	20.49	84.38	7.9	33.36	8.2	23.4	1.02
F13	10 Aug 2015	7	20.44	84.47	7.9	33.36	8.2	23.4	1.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F13	10 Aug 2015	8	20.32	83.77	8.0	33.35	8.2	23.4	1.16
F13	10 Aug 2015	9	20.19	83.48	8.0	33.35	8.2	23.5	1.17
F13	10 Aug 2015	10	19.97	84.48	8.0	33.34	8.2	23.5	1.16
F13	10 Aug 2015	11	19.26	85.11	8.1	33.29	8.2	23.6	1.09
F13	10 Aug 2015	12	18.05	86.40	8.5	33.30	8.2	24.0	1.06
F13	10 Aug 2015	13	17.44	87.00	8.6	33.30	8.2	24.1	1.03
F13	10 Aug 2015	14	17.26	87.69	8.6	33.31	8.2	24.2	0.98
F13	10 Aug 2015	15	17.17	87.96	8.6	33.31	8.2	24.2	0.93
F13	10 Aug 2015	16	17.02	88.04	8.6	33.30	8.2	24.2	1.01
F13	10 Aug 2015	17	16.90	87.69	8.6	33.30	8.2	24.2	1.11
F13	10 Aug 2015	18	16.66	87.43	8.6	33.29	8.2	24.3	1.18
F13	10 Aug 2015	19	16.20	87.41	8.5	33.27	8.2	24.4	1.21
F13	10 Aug 2015	20	15.72	87.24	8.5	33.26	8.2	24.5	1.34
F13	10 Aug 2015	21	15.50	87.06	8.6	33.27	8.2	24.5	1.43
F13	10 Aug 2015	22	15.44	86.99	8.6	33.27	8.2	24.5	1.53
F13	10 Aug 2015	23	15.35	86.95	8.6	33.27	8.2	24.6	1.66
F13	10 Aug 2015	24	15.25	86.91	8.5	33.26	8.2	24.6	1.77
F13	10 Aug 2015	25	15.12	86.81	8.4	33.25	8.2	24.6	1.78
F13	10 Aug 2015	26	15.02	87.00	8.3	33.26	8.2	24.6	1.70
F13	10 Aug 2015	27	14.93	87.37	8.3	33.24	8.2	24.6	1.59
F13	10 Aug 2015	28	14.89	87.60	8.3	33.25	8.2	24.6	1.57
F13	10 Aug 2015	29	14.83	87.45	8.2	33.24	8.2	24.7	1.71
F13	10 Aug 2015	30	14.59	86.99	8.2	33.24	8.2	24.7	1.90
F13	10 Aug 2015	31	14.52	86.61	8.2	33.24	8.2	24.7	2.03
F13	10 Aug 2015	32	14.51	86.21	8.2	33.25	8.2	24.7	2.09
F13	10 Aug 2015	33	14.50	86.13	8.2	33.24	8.2	24.7	2.17
F13	10 Aug 2015	34	14.40	86.00	8.1	33.24	8.2	24.7	2.29
F13	10 Aug 2015	35	14.27	85.78	8.1	33.23	8.2	24.8	2.52
F13	10 Aug 2015	36	14.21	85.57	8.1	33.24	8.2	24.8	2.54
F13	10 Aug 2015	37	14.21	85.73	8.0	33.24	8.2	24.8	2.49
F13	10 Aug 2015	38	14.18	85.81	8.0	33.24	8.2	24.8	2.46
F13	10 Aug 2015	39	14.15	85.90	8.0	33.24	8.2	24.8	2.51
F13	10 Aug 2015	40	14.13	85.87	8.0	33.23	8.2	24.8	2.56
F13	10 Aug 2015	41	14.11	85.82	8.1	33.24	8.2	24.8	2.59
F13	10 Aug 2015	42	14.11	85.69	8.0	33.24	8.2	24.8	2.52
F13	10 Aug 2015	43	14.10	85.74	7.9	33.24	8.2	24.8	2.35
F13	10 Aug 2015	44	14.09	86.18	7.9	33.24	8.2	24.8	2.26
F13	10 Aug 2015	45	14.05	86.32	7.8	33.24	8.2	24.8	2.18
F13	10 Aug 2015	46	13.94	86.53	7.8	33.23	8.2	24.8	2.15
F13	10 Aug 2015	47	13.77	86.69	7.7	33.24	8.2	24.9	2.15
F13	10 Aug 2015	48	13.73	86.86	7.7	33.24	8.2	24.9	2.15
F13	10 Aug 2015	49	13.71	87.05	7.7	33.24	8.2	24.9	2.12
F13	10 Aug 2015	50	13.69	87.11	7.6	33.24	8.2	24.9	2.01
F13	10 Aug 2015	51	13.61	86.71	7.4	33.24	8.1	24.9	1.86
F13	10 Aug 2015	52	13.50	85.75	7.2	33.25	8.1	24.9	1.70
F13	10 Aug 2015	53	13.25	84.54	6.8	33.24	8.1	25.0	1.51
F13	10 Aug 2015	54	12.87	82.98	6.6	33.28	8.1	25.1	1.39
F13	10 Aug 2015	55	12.74	85.77	6.6	33.28	8.1	25.1	1.29
F13	10 Aug 2015	56	12.64	85.48	6.5	33.29	8.1	25.1	1.24
F13	10 Aug 2015	57	12.59	84.22	6.5	33.30	8.1	25.2	1.20
F13	10 Aug 2015	58	12.58	83.28	6.5	33.30	8.1	25.2	1.17
F13	10 Aug 2015	59	12.57	83.00	6.5	33.30	8.1	25.2	1.16
F13	10 Aug 2015	60	12.57	82.90	6.5	33.31	8.1	25.2	1.15
F14	10 Aug 2015	1	20.38	83.59	8.0	33.36	8.2	23.4	0.87
F14	10 Aug 2015	2	20.37	83.67	8.0	33.36	8.2	23.4	0.90
F14	10 Aug 2015	3	20.35	83.73	8.0	33.36	8.2	23.4	0.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F14	10 Aug 2015	4	20.33	83.80	8.0	33.36	8.2	23.4	1.07
F14	10 Aug 2015	5	20.31	83.89	8.0	33.36	8.2	23.4	1.11
F14	10 Aug 2015	6	20.29	83.89	8.0	33.36	8.2	23.4	1.16
F14	10 Aug 2015	7	20.26	83.91	8.0	33.35	8.2	23.4	1.19
F14	10 Aug 2015	8	19.97	83.87	8.0	33.34	8.2	23.5	1.20
F14	10 Aug 2015	9	19.00	84.42	8.1	33.26	8.2	23.7	1.23
F14	10 Aug 2015	10	17.60	85.44	8.6	33.31	8.2	24.1	1.39
F14	10 Aug 2015	11	17.55	85.20	8.7	33.30	8.2	24.1	1.51
F14	10 Aug 2015	12	17.47	84.70	8.6	33.30	8.2	24.1	1.56
F14	10 Aug 2015	13	17.40	84.73	8.6	33.30	8.2	24.1	1.68
F14	10 Aug 2015	14	17.11	84.57	8.4	33.27	8.2	24.2	1.77
F14	10 Aug 2015	15	16.38	85.03	8.4	33.28	8.2	24.3	1.86
F14	10 Aug 2015	16	16.10	85.21	8.4	33.27	8.2	24.4	2.12
F14	10 Aug 2015	17	15.87	84.95	8.3	33.27	8.2	24.4	2.34
F14	10 Aug 2015	18	15.64	84.90	8.2	33.25	8.2	24.5	2.48
F14	10 Aug 2015	19	15.26	84.66	8.3	33.26	8.2	24.6	2.60
F14	10 Aug 2015	20	15.04	84.93	8.2	33.26	8.2	24.6	2.37
F14	10 Aug 2015	21	14.95	85.64	8.2	33.25	8.2	24.6	2.25
F14	10 Aug 2015	22	14.91	85.75	8.3	33.26	8.2	24.6	2.16
F14	10 Aug 2015	23	14.89	85.97	8.3	33.26	8.2	24.7	2.13
F14	10 Aug 2015	24	14.88	85.99	8.2	33.26	8.2	24.7	2.11
F14	10 Aug 2015	25	14.83	86.05	8.2	33.26	8.2	24.7	2.15
F14	10 Aug 2015	26	14.82	86.05	8.1	33.26	8.2	24.7	2.21
F14	10 Aug 2015	27	14.79	85.94	8.1	33.26	8.2	24.7	2.36
F14	10 Aug 2015	28	14.74	85.86	8.1	33.27	8.2	24.7	2.63
F14	10 Aug 2015	29	14.64	85.32	8.1	33.26	8.2	24.7	2.80
F14	10 Aug 2015	30	14.51	85.18	8.0	33.25	8.2	24.7	2.79
F14	10 Aug 2015	31	14.25	85.41	7.9	33.25	8.2	24.8	2.81
F14	10 Aug 2015	32	14.14	85.52	7.9	33.26	8.1	24.8	2.84
F14	10 Aug 2015	33	14.11	85.53	7.9	33.25	8.1	24.8	2.93
F14	10 Aug 2015	34	14.10	85.45	7.9	33.25	8.1	24.8	3.00
F14	10 Aug 2015	35	14.09	85.43	7.9	33.25	8.1	24.8	2.96
F14	10 Aug 2015	36	14.09	85.48	7.9	33.25	8.1	24.8	2.95
F14	10 Aug 2015	37	14.05	85.55	7.8	33.25	8.1	24.8	2.90
F14	10 Aug 2015	38	13.95	85.72	7.8	33.25	8.1	24.8	2.79
F14	10 Aug 2015	39	13.90	85.97	7.8	33.24	8.1	24.9	2.64
F14	10 Aug 2015	40	13.85	86.46	7.8	33.24	8.1	24.9	2.58
F14	10 Aug 2015	41	13.84	86.58	7.7	33.24	8.1	24.9	2.51
F14	10 Aug 2015	42	13.85	86.62	7.7	33.25	8.1	24.9	2.42
F14	10 Aug 2015	43	13.85	86.64	7.5	33.26	8.1	24.9	2.29
F14	10 Aug 2015	44	13.76	86.51	7.5	33.25	8.1	24.9	2.19
F14	10 Aug 2015	45	13.65	86.86	7.5	33.25	8.1	24.9	2.03
F14	10 Aug 2015	46	13.57	86.96	7.4	33.24	8.1	24.9	1.87
F14	10 Aug 2015	47	13.52	86.94	7.4	33.24	8.1	24.9	1.79
F14	10 Aug 2015	48	13.45	86.74	7.3	33.25	8.1	24.9	1.73
F14	10 Aug 2015	49	13.40	86.62	7.2	33.24	8.1	25.0	1.66
F14	10 Aug 2015	50	13.32	86.29	7.2	33.25	8.1	25.0	1.60
F14	10 Aug 2015	51	13.31	85.88	7.2	33.25	8.1	25.0	1.57
F14	10 Aug 2015	52	13.30	85.87	7.1	33.25	8.1	25.0	1.56
F14	10 Aug 2015	53	13.30	85.77	7.1	33.25	8.1	25.0	1.54
F14	10 Aug 2015	54	13.27	85.77	7.1	33.26	8.1	25.0	1.50
F14	10 Aug 2015	55	13.23	85.46	7.0	33.26	8.1	25.0	1.49
F14	10 Aug 2015	56	13.21	85.17	7.0	33.26	8.1	25.0	1.45
F14	10 Aug 2015	57	13.16	84.77	6.9	33.26	8.1	25.0	1.39
F14	10 Aug 2015	58	12.99	84.56	6.6	33.26	8.1	25.0	1.25
F14	10 Aug 2015	59	12.70	83.09	6.3	33.30	8.0	25.1	1.11
F14	10 Aug 2015	60	12.66	81.83	6.2	33.30	8.0	25.1	1.13

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F15	11 Aug 2015	1	21.90	89.74	7.1	33.52	8.2	23.1	0.16
F15	11 Aug 2015	2	21.83	90.39	7.1	33.52	8.2	23.1	0.16
F15	11 Aug 2015	3	21.78	90.87	7.1	33.52	8.2	23.2	0.16
F15	11 Aug 2015	4	21.77	90.88	7.1	33.52	8.2	23.2	0.17
F15	11 Aug 2015	5	21.77	90.88	7.1	33.52	8.2	23.2	0.16
F15	11 Aug 2015	6	21.76	90.83	7.1	33.52	8.2	23.2	0.17
F15	11 Aug 2015	7	21.76	90.85	7.1	33.52	8.2	23.2	0.17
F15	11 Aug 2015	8	21.75	90.74	7.1	33.52	8.2	23.2	0.18
F15	11 Aug 2015	9	21.75	90.82	7.1	33.52	8.2	23.2	0.17
F15	11 Aug 2015	10	21.75	90.80	7.1	33.52	8.2	23.2	0.18
F15	11 Aug 2015	11	21.74	90.79	7.1	33.52	8.2	23.2	0.18
F15	11 Aug 2015	12	21.73	90.77	7.1	33.52	8.2	23.2	0.19
F15	11 Aug 2015	13	21.69	90.72	7.1	33.51	8.2	23.2	0.19
F15	11 Aug 2015	14	21.54	90.74	7.2	33.49	8.2	23.2	0.19
F15	11 Aug 2015	15	21.23	90.66	7.3	33.47	8.2	23.3	0.20
F15	11 Aug 2015	16	20.72	90.62	7.4	33.43	8.2	23.4	0.20
F15	11 Aug 2015	17	20.53	90.60	7.5	33.44	8.2	23.4	0.20
F15	11 Aug 2015	18	20.32	90.60	7.6	33.42	8.2	23.5	0.19
F15	11 Aug 2015	19	19.98	90.63	7.6	33.40	8.2	23.5	0.20
F15	11 Aug 2015	20	19.26	90.59	7.9	33.38	8.2	23.7	0.21
F15	11 Aug 2015	21	18.95	90.50	8.0	33.37	8.3	23.8	0.23
F15	11 Aug 2015	22	18.61	90.40	8.0	33.34	8.3	23.8	0.24
F15	11 Aug 2015	23	18.17	90.28	8.1	33.33	8.3	23.9	0.27
F15	11 Aug 2015	24	17.84	90.18	8.2	33.33	8.3	24.0	0.28
F15	11 Aug 2015	25	17.69	90.15	8.3	33.33	8.3	24.1	0.29
F15	11 Aug 2015	26	17.60	90.15	8.2	33.32	8.3	24.1	0.33
F15	11 Aug 2015	27	17.27	90.02	8.4	33.30	8.3	24.1	0.37
F15	11 Aug 2015	28	16.92	89.61	8.6	33.30	8.3	24.2	0.43
F15	11 Aug 2015	29	16.72	89.20	8.6	33.31	8.3	24.3	0.49
F15	11 Aug 2015	30	16.65	88.95	8.6	33.31	8.3	24.3	0.55
F15	11 Aug 2015	31	16.45	88.89	8.5	33.28	8.3	24.3	0.61
F15	11 Aug 2015	32	15.87	88.73	8.3	33.23	8.3	24.4	0.70
F15	11 Aug 2015	33	15.27	88.65	8.3	33.23	8.3	24.5	0.80
F15	11 Aug 2015	34	14.94	88.78	8.2	33.20	8.2	24.6	0.89
F15	11 Aug 2015	35	14.78	88.97	8.2	33.21	8.2	24.6	0.99
F15	11 Aug 2015	36	14.74	88.96	8.3	33.21	8.2	24.7	1.09
F15	11 Aug 2015	37	14.68	88.68	8.3	33.22	8.2	24.7	1.30
F15	11 Aug 2015	38	14.63	88.37	8.2	33.22	8.2	24.7	1.40
F15	11 Aug 2015	39	14.45	88.33	8.2	33.22	8.2	24.7	1.86
F15	11 Aug 2015	40	14.26	87.24	8.2	33.24	8.2	24.8	2.84
F15	11 Aug 2015	41	14.08	86.12	7.9	33.23	8.2	24.8	3.51
F15	11 Aug 2015	42	13.81	86.47	7.7	33.22	8.2	24.9	3.37
F15	11 Aug 2015	43	13.58	87.42	7.6	33.24	8.2	24.9	3.18
F15	11 Aug 2015	44	13.52	87.65	7.6	33.24	8.2	24.9	3.08
F15	11 Aug 2015	45	13.41	87.78	7.4	33.24	8.2	24.9	3.01
F15	11 Aug 2015	46	13.14	87.87	7.2	33.27	8.2	25.0	2.90
F15	11 Aug 2015	47	13.04	88.00	7.0	33.28	8.2	25.1	2.78
F15	11 Aug 2015	48	12.86	88.31	7.0	33.27	8.1	25.1	2.57
F15	11 Aug 2015	49	12.73	88.68	6.9	33.29	8.1	25.1	2.40
F15	11 Aug 2015	50	12.71	88.68	6.8	33.30	8.1	25.1	2.32
F15	11 Aug 2015	51	12.71	88.69	6.8	33.30	8.1	25.1	2.28
F15	11 Aug 2015	52	12.72	88.66	6.8	33.31	8.1	25.1	2.27
F15	11 Aug 2015	53	12.73	88.65	6.8	33.31	8.1	25.1	2.23
F15	11 Aug 2015	54	12.72	88.62	6.8	33.31	8.1	25.1	2.21
F15	11 Aug 2015	55	12.71	88.64	6.8	33.31	8.1	25.1	2.14
F15	11 Aug 2015	56	12.64	88.74	6.7	33.32	8.1	25.2	2.03

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F15	11 Aug 2015	57	12.55	88.91	6.6	33.32	8.1	25.2	1.92
F15	11 Aug 2015	58	12.48	89.07	6.5	33.32	8.1	25.2	1.80
F15	11 Aug 2015	59	12.38	89.27	6.4	33.33	8.1	25.2	1.68
F15	11 Aug 2015	60	12.25	89.47	6.3	33.34	8.1	25.2	1.55
F15	11 Aug 2015	61	12.12	89.72	6.2	33.36	8.1	25.3	1.44
F15	11 Aug 2015	62	12.07	89.73	6.1	33.37	8.1	25.3	1.35
F15	11 Aug 2015	63	12.03	89.74	6.1	33.37	8.1	25.3	1.31
F15	11 Aug 2015	64	12.01	89.75	6.1	33.38	8.1	25.3	1.26
F15	11 Aug 2015	65	11.99	89.76	6.1	33.38	8.1	25.3	1.25
F15	11 Aug 2015	66	11.98	89.77	6.0	33.38	8.1	25.3	1.21
F15	11 Aug 2015	67	11.87	89.80	5.8	33.41	8.0	25.4	1.11
F15	11 Aug 2015	68	11.84	89.92	5.8	33.42	8.0	25.4	1.04
F15	11 Aug 2015	69	11.82	89.92	5.7	33.42	8.0	25.4	0.99
F15	11 Aug 2015	70	11.76	89.93	5.7	33.43	8.0	25.4	0.95
F15	11 Aug 2015	71	11.75	89.92	5.7	33.43	8.0	25.4	0.93
F15	11 Aug 2015	72	11.74	89.90	5.7	33.44	8.0	25.4	0.91
F15	11 Aug 2015	73	11.74	89.92	5.6	33.44	8.0	25.4	0.92
F15	11 Aug 2015	74	11.73	89.99	5.6	33.45	8.0	25.4	0.90
F15	11 Aug 2015	75	11.70	89.97	5.6	33.44	8.0	25.4	0.88
F15	11 Aug 2015	76	11.62	89.97	5.7	33.43	8.0	25.4	0.83
F15	11 Aug 2015	77	11.59	89.98	5.7	33.43	8.0	25.4	0.80
F15	11 Aug 2015	78	11.57	89.97	5.7	33.42	8.0	25.4	0.77
F15	11 Aug 2015	79	11.47	89.15	5.6	33.44	8.0	25.5	0.72
F15	11 Aug 2015	80	11.46	87.97	5.5	33.45	8.0	25.5	0.72
F16	11 Aug 2015	1	21.74	90.97	7.1	33.52	8.2	23.2	0.15
F16	11 Aug 2015	2	21.68	91.01	7.1	33.52	8.2	23.2	0.15
F16	11 Aug 2015	3	21.66	90.83	7.1	33.52	8.2	23.2	0.15
F16	11 Aug 2015	4	21.65	90.84	7.1	33.52	8.2	23.2	0.16
F16	11 Aug 2015	5	21.64	90.83	7.1	33.52	8.2	23.2	0.16
F16	11 Aug 2015	6	21.64	90.60	7.1	33.52	8.2	23.2	0.16
F16	11 Aug 2015	7	21.64	90.87	7.1	33.52	8.2	23.2	0.16
F16	11 Aug 2015	8	21.63	90.59	7.1	33.52	8.2	23.2	0.17
F16	11 Aug 2015	9	21.63	90.63	7.1	33.52	8.2	23.2	0.17
F16	11 Aug 2015	10	21.63	90.84	7.1	33.52	8.2	23.2	0.17
F16	11 Aug 2015	11	21.62	90.85	7.1	33.52	8.2	23.2	0.17
F16	11 Aug 2015	12	21.62	90.88	7.1	33.52	8.2	23.2	0.17
F16	11 Aug 2015	13	21.61	90.84	7.2	33.51	8.2	23.2	0.16
F16	11 Aug 2015	14	21.54	90.68	7.2	33.51	8.2	23.2	0.18
F16	11 Aug 2015	15	21.06	90.62	7.3	33.44	8.2	23.3	0.19
F16	11 Aug 2015	16	20.38	90.49	7.5	33.40	8.2	23.4	0.19
F16	11 Aug 2015	17	19.70	90.59	7.7	33.38	8.2	23.6	0.19
F16	11 Aug 2015	18	19.21	90.57	7.9	33.38	8.2	23.7	0.23
F16	11 Aug 2015	19	18.99	90.49	7.9	33.36	8.3	23.8	0.22
F16	11 Aug 2015	20	18.56	90.45	8.0	33.34	8.3	23.9	0.24
F16	11 Aug 2015	21	18.05	90.24	8.2	33.32	8.3	24.0	0.28
F16	11 Aug 2015	22	17.75	89.96	8.3	33.32	8.3	24.0	0.31
F16	11 Aug 2015	23	17.43	89.97	8.3	33.31	8.3	24.1	0.33
F16	11 Aug 2015	24	17.24	89.93	8.3	33.30	8.3	24.2	0.36
F16	11 Aug 2015	25	16.94	89.74	8.5	33.30	8.3	24.2	0.41
F16	11 Aug 2015	26	16.85	89.53	8.5	33.30	8.3	24.2	0.45
F16	11 Aug 2015	27	16.69	89.29	8.6	33.30	8.3	24.3	0.51
F16	11 Aug 2015	28	16.49	89.06	8.6	33.28	8.3	24.3	0.60
F16	11 Aug 2015	29	16.12	88.37	8.7	33.28	8.3	24.4	0.71
F16	11 Aug 2015	30	15.79	88.21	8.5	33.27	8.3	24.5	0.80
F16	11 Aug 2015	31	15.46	88.12	8.5	33.25	8.3	24.5	0.91
F16	11 Aug 2015	32	15.26	88.05	8.5	33.26	8.3	24.6	1.04

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F16	11 Aug 2015	33	15.07	88.01	8.3	33.24	8.2	24.6	1.16
F16	11 Aug 2015	34	14.80	88.27	8.2	33.22	8.2	24.6	1.25
F16	11 Aug 2015	35	14.61	88.68	8.1	33.22	8.2	24.7	1.37
F16	11 Aug 2015	36	14.35	88.86	8.1	33.22	8.2	24.7	2.07
F16	11 Aug 2015	37	14.10	87.50	8.0	33.24	8.2	24.8	2.80
F16	11 Aug 2015	38	14.04	87.13	8.0	33.24	8.2	24.8	3.08
F16	11 Aug 2015	39	14.01	87.21	8.0	33.25	8.2	24.8	3.29
F16	11 Aug 2015	40	13.98	87.24	7.9	33.24	8.2	24.8	3.37
F16	11 Aug 2015	41	13.79	87.31	7.7	33.23	8.2	24.9	3.17
F16	11 Aug 2015	42	13.44	88.06	7.5	33.23	8.2	24.9	2.91
F16	11 Aug 2015	43	13.30	88.32	7.4	33.24	8.2	25.0	2.74
F16	11 Aug 2015	44	13.22	88.43	7.3	33.23	8.2	25.0	2.68
F16	11 Aug 2015	45	12.98	88.56	7.2	33.25	8.2	25.0	2.56
F16	11 Aug 2015	46	12.83	88.73	7.0	33.27	8.1	25.1	2.41
F16	11 Aug 2015	47	12.77	88.87	6.9	33.29	8.1	25.1	2.30
F16	11 Aug 2015	48	12.78	88.87	6.9	33.29	8.1	25.1	2.27
F16	11 Aug 2015	49	12.77	88.88	6.9	33.29	8.1	25.1	2.28
F16	11 Aug 2015	50	12.75	88.90	6.9	33.29	8.1	25.1	2.22
F16	11 Aug 2015	51	12.73	89.04	6.8	33.30	8.1	25.1	2.12
F16	11 Aug 2015	52	12.59	89.11	6.7	33.30	8.1	25.2	1.98
F16	11 Aug 2015	53	12.48	89.59	6.7	33.31	8.1	25.2	1.87
F16	11 Aug 2015	54	12.47	89.63	6.6	33.31	8.1	25.2	1.81
F16	11 Aug 2015	55	12.44	89.65	6.6	33.31	8.1	25.2	1.73
F16	11 Aug 2015	56	12.22	89.73	6.4	33.34	8.1	25.3	1.58
F16	11 Aug 2015	57	12.18	89.79	6.3	33.34	8.1	25.3	1.49
F16	11 Aug 2015	58	12.17	89.78	6.3	33.34	8.1	25.3	1.49
F16	11 Aug 2015	59	12.16	89.81	6.3	33.35	8.1	25.3	1.44
F16	11 Aug 2015	60	12.15	89.80	6.3	33.35	8.1	25.3	1.41
F16	11 Aug 2015	61	12.13	89.83	6.3	33.35	8.1	25.3	1.37
F16	11 Aug 2015	62	12.07	89.85	6.2	33.35	8.1	25.3	1.29
F16	11 Aug 2015	63	11.94	89.98	6.0	33.39	8.1	25.3	1.18
F16	11 Aug 2015	64	11.86	89.91	5.9	33.40	8.0	25.4	1.11
F16	11 Aug 2015	65	11.78	89.92	5.8	33.41	8.0	25.4	1.02
F16	11 Aug 2015	66	11.74	89.93	5.8	33.43	8.0	25.4	0.97
F16	11 Aug 2015	67	11.74	89.87	5.7	33.43	8.0	25.4	0.94
F16	11 Aug 2015	68	11.74	89.90	5.7	33.43	8.0	25.4	0.92
F16	11 Aug 2015	69	11.66	90.05	5.6	33.44	8.0	25.4	0.87
F16	11 Aug 2015	70	11.64	90.07	5.6	33.44	8.0	25.4	0.83
F16	11 Aug 2015	71	11.63	90.04	5.6	33.45	8.0	25.4	0.83
F16	11 Aug 2015	72	11.63	90.04	5.6	33.45	8.0	25.5	0.83
F16	11 Aug 2015	73	11.63	90.02	5.6	33.45	8.0	25.5	0.82
F16	11 Aug 2015	74	11.62	90.04	5.6	33.45	8.0	25.5	0.80
F16	11 Aug 2015	75	11.59	90.00	5.6	33.45	8.0	25.5	0.79
F16	11 Aug 2015	76	11.56	89.97	5.6	33.45	8.0	25.5	0.77
F16	11 Aug 2015	77	11.55	90.14	5.5	33.46	8.0	25.5	0.77
F16	11 Aug 2015	78	11.55	90.23	5.5	33.46	8.0	25.5	0.72
F16	11 Aug 2015	79	11.38	90.00	5.5	33.45	8.0	25.5	0.67
F16	11 Aug 2015	80	11.33	88.33	5.5	33.45	8.0	25.5	0.60
F16	11 Aug 2015	81	11.33	87.72	5.5	33.45	8.0	25.5	0.63
F17	11 Aug 2015	1	21.71	90.58	7.1	33.52	8.2	23.2	0.17
F17	11 Aug 2015	2	21.71	90.62	7.1	33.51	8.2	23.2	0.17
F17	11 Aug 2015	3	21.67	90.82	7.1	33.51	8.2	23.2	0.18
F17	11 Aug 2015	4	21.66	90.85	7.2	33.51	8.2	23.2	0.18
F17	11 Aug 2015	5	21.64	90.80	7.2	33.51	8.2	23.2	0.18
F17	11 Aug 2015	6	21.62	90.75	7.1	33.51	8.2	23.2	0.19
F17	11 Aug 2015	7	21.61	90.72	7.1	33.51	8.2	23.2	0.18

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F17	11 Aug 2015	8	21.61	90.69	7.1	33.51	8.2	23.2	0.19
F17	11 Aug 2015	9	21.60	90.72	7.1	33.51	8.2	23.2	0.19
F17	11 Aug 2015	10	21.59	90.57	7.1	33.51	8.2	23.2	0.19
F17	11 Aug 2015	11	21.58	90.74	7.2	33.51	8.2	23.2	0.20
F17	11 Aug 2015	12	21.57	90.63	7.1	33.51	8.2	23.2	0.20
F17	11 Aug 2015	13	21.44	90.73	7.1	33.47	8.2	23.2	0.21
F17	11 Aug 2015	14	20.43	90.66	7.5	33.40	8.2	23.4	0.21
F17	11 Aug 2015	15	19.64	90.53	7.8	33.39	8.2	23.6	0.22
F17	11 Aug 2015	16	19.29	90.52	7.9	33.36	8.2	23.7	0.22
F17	11 Aug 2015	17	18.85	90.46	8.0	33.36	8.2	23.8	0.23
F17	11 Aug 2015	18	18.56	90.31	8.1	33.35	8.2	23.9	0.27
F17	11 Aug 2015	19	18.35	90.04	8.1	33.35	8.3	23.9	0.32
F17	11 Aug 2015	20	18.04	89.86	8.2	33.33	8.3	24.0	0.36
F17	11 Aug 2015	21	17.62	89.71	8.3	33.33	8.3	24.1	0.37
F17	11 Aug 2015	22	17.34	89.86	8.3	33.30	8.3	24.1	0.38
F17	11 Aug 2015	23	16.92	89.81	8.4	33.30	8.3	24.2	0.42
F17	11 Aug 2015	24	16.66	89.47	8.5	33.29	8.3	24.3	0.49
F17	11 Aug 2015	25	16.50	89.20	8.6	33.30	8.3	24.3	0.55
F17	11 Aug 2015	26	16.27	88.93	8.5	33.25	8.3	24.3	0.66
F17	11 Aug 2015	27	15.49	88.21	8.6	33.26	8.3	24.5	0.82
F17	11 Aug 2015	28	15.31	88.07	8.6	33.26	8.3	24.6	0.90
F17	11 Aug 2015	29	15.18	87.99	8.5	33.25	8.3	24.6	1.00
F17	11 Aug 2015	30	15.09	88.09	8.4	33.25	8.2	24.6	1.07
F17	11 Aug 2015	31	14.93	88.29	8.2	33.22	8.2	24.6	1.26
F17	11 Aug 2015	32	14.48	88.36	8.1	33.23	8.2	24.7	1.62
F17	11 Aug 2015	33	14.36	88.12	8.0	33.21	8.2	24.7	2.03
F17	11 Aug 2015	34	14.16	87.64	8.1	33.23	8.2	24.8	2.36
F17	11 Aug 2015	35	14.11	87.69	8.0	33.23	8.2	24.8	2.60
F17	11 Aug 2015	36	14.08	87.82	8.0	33.23	8.2	24.8	2.69
F17	11 Aug 2015	37	13.95	87.90	7.9	33.24	8.2	24.8	2.86
F17	11 Aug 2015	38	13.84	87.87	7.8	33.24	8.2	24.9	2.88
F17	11 Aug 2015	39	13.72	88.14	7.7	33.24	8.2	24.9	2.82
F17	11 Aug 2015	40	13.55	88.43	7.6	33.23	8.2	24.9	2.72
F17	11 Aug 2015	41	13.41	88.65	7.5	33.23	8.2	24.9	2.67
F17	11 Aug 2015	42	13.37	88.61	7.5	33.23	8.2	24.9	2.64
F17	11 Aug 2015	43	13.25	88.75	7.4	33.22	8.2	25.0	2.50
F17	11 Aug 2015	44	13.06	89.03	7.2	33.23	8.2	25.0	2.33
F17	11 Aug 2015	45	12.82	89.21	7.1	33.24	8.2	25.1	2.17
F17	11 Aug 2015	46	12.70	89.36	7.0	33.25	8.1	25.1	2.05
F17	11 Aug 2015	47	12.61	89.64	7.0	33.23	8.1	25.1	1.89
F17	11 Aug 2015	48	12.53	89.95	7.0	33.23	8.1	25.1	1.85
F17	11 Aug 2015	49	12.52	89.99	7.0	33.23	8.1	25.1	1.78
F17	11 Aug 2015	50	12.50	90.02	7.0	33.22	8.1	25.1	1.74
F17	11 Aug 2015	51	12.38	90.14	6.9	33.22	8.1	25.1	1.64
F17	11 Aug 2015	52	12.30	90.20	6.8	33.24	8.1	25.2	1.56
F17	11 Aug 2015	53	12.29	90.32	6.8	33.25	8.1	25.2	1.52
F17	11 Aug 2015	54	12.27	90.30	6.8	33.26	8.1	25.2	1.49
F17	11 Aug 2015	55	12.27	90.25	6.7	33.28	8.1	25.2	1.50
F17	11 Aug 2015	56	12.26	90.13	6.5	33.30	8.1	25.2	1.49
F17	11 Aug 2015	57	12.19	90.06	6.4	33.32	8.1	25.2	1.43
F17	11 Aug 2015	58	12.06	90.13	6.3	33.32	8.1	25.3	1.34
F17	11 Aug 2015	59	11.95	90.31	6.3	33.34	8.1	25.3	1.22
F17	11 Aug 2015	60	11.91	90.33	6.2	33.34	8.1	25.3	1.17
F17	11 Aug 2015	61	11.84	90.31	6.2	33.36	8.1	25.3	1.12
F17	11 Aug 2015	62	11.82	90.33	6.1	33.36	8.1	25.4	1.08
F17	11 Aug 2015	63	11.81	90.31	6.1	33.37	8.1	25.4	1.06
F17	11 Aug 2015	64	11.77	90.26	6.0	33.38	8.0	25.4	1.01

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F17	11 Aug 2015	65	11.69	90.10	5.8	33.40	8.0	25.4	0.94
F17	11 Aug 2015	66	11.63	90.23	5.8	33.41	8.0	25.4	0.88
F17	11 Aug 2015	67	11.58	90.28	5.7	33.43	8.0	25.4	0.83
F17	11 Aug 2015	68	11.57	90.29	5.7	33.43	8.0	25.5	0.80
F17	11 Aug 2015	69	11.56	90.32	5.7	33.44	8.0	25.5	0.81
F17	11 Aug 2015	70	11.56	90.31	5.6	33.44	8.0	25.5	0.79
F17	11 Aug 2015	71	11.53	90.34	5.6	33.44	8.0	25.5	0.77
F17	11 Aug 2015	72	11.50	90.41	5.6	33.44	8.0	25.5	0.75
F17	11 Aug 2015	73	11.46	90.41	5.6	33.44	8.0	25.5	0.72
F17	11 Aug 2015	74	11.44	90.38	5.6	33.45	8.0	25.5	0.70
F17	11 Aug 2015	75	11.45	90.34	5.5	33.46	8.0	25.5	0.68
F17	11 Aug 2015	76	11.40	90.37	5.5	33.46	8.0	25.5	0.66
F17	11 Aug 2015	77	11.36	90.24	5.5	33.46	8.0	25.5	0.62
F17	11 Aug 2015	78	11.33	89.90	5.5	33.46	8.0	25.5	0.59
F17	11 Aug 2015	79	11.29	89.01	5.4	33.46	8.0	25.5	0.57
F17	11 Aug 2015	80	11.28	88.25	5.4	33.47	8.0	25.5	0.57
F17	11 Aug 2015	81	11.28	88.10	5.4	33.47	8.0	25.5	0.55
F18	11 Aug 2015	1	21.60	90.10	7.2	33.49	8.2	23.2	0.20
F18	11 Aug 2015	2	21.60	90.35	7.2	33.49	8.2	23.2	0.20
F18	11 Aug 2015	3	21.59	90.48	7.2	33.49	8.2	23.2	0.21
F18	11 Aug 2015	4	21.58	90.49	7.2	33.49	8.2	23.2	0.21
F18	11 Aug 2015	5	21.57	90.52	7.2	33.49	8.2	23.2	0.22
F18	11 Aug 2015	6	21.56	90.53	7.2	33.49	8.2	23.2	0.22
F18	11 Aug 2015	7	21.55	90.53	7.2	33.50	8.2	23.2	0.21
F18	11 Aug 2015	8	21.55	90.55	7.2	33.50	8.2	23.2	0.21
F18	11 Aug 2015	9	21.55	90.59	7.2	33.50	8.2	23.2	0.21
F18	11 Aug 2015	10	21.55	90.63	7.2	33.50	8.2	23.2	0.22
F18	11 Aug 2015	11	21.54	90.66	7.2	33.50	8.2	23.2	0.22
F18	11 Aug 2015	12	21.54	90.65	7.2	33.50	8.2	23.2	0.23
F18	11 Aug 2015	13	21.52	90.66	7.2	33.50	8.2	23.2	0.22
F18	11 Aug 2015	14	21.24	90.65	7.2	33.44	8.2	23.2	0.22
F18	11 Aug 2015	15	20.17	90.64	7.6	33.40	8.2	23.5	0.21
F18	11 Aug 2015	16	19.46	90.63	7.8	33.39	8.2	23.7	0.22
F18	11 Aug 2015	17	19.19	90.58	7.9	33.37	8.2	23.7	0.24
F18	11 Aug 2015	18	18.68	90.49	8.1	33.35	8.2	23.8	0.27
F18	11 Aug 2015	19	18.44	90.18	8.2	33.34	8.3	23.9	0.32
F18	11 Aug 2015	20	18.26	89.90	8.2	33.34	8.3	23.9	0.36
F18	11 Aug 2015	21	18.05	89.83	8.2	33.32	8.3	24.0	0.38
F18	11 Aug 2015	22	17.74	89.88	8.3	33.33	8.3	24.1	0.38
F18	11 Aug 2015	23	17.57	89.87	8.3	33.32	8.3	24.1	0.39
F18	11 Aug 2015	24	17.25	89.89	8.3	33.30	8.3	24.2	0.42
F18	11 Aug 2015	25	16.81	89.78	8.4	33.30	8.3	24.3	0.47
F18	11 Aug 2015	26	16.59	89.53	8.4	33.29	8.3	24.3	0.53
F18	11 Aug 2015	27	16.37	89.18	8.5	33.28	8.3	24.3	0.61
F18	11 Aug 2015	28	15.92	88.83	8.6	33.26	8.3	24.4	0.78
F18	11 Aug 2015	29	15.33	88.39	8.5	33.25	8.3	24.5	0.95
F18	11 Aug 2015	30	15.09	88.30	8.4	33.24	8.2	24.6	1.10
F18	11 Aug 2015	31	14.88	88.21	8.2	33.22	8.2	24.6	1.35
F18	11 Aug 2015	32	14.55	88.18	8.1	33.20	8.2	24.7	1.71
F18	11 Aug 2015	33	14.30	87.88	8.1	33.21	8.2	24.7	2.48
F18	11 Aug 2015	34	14.07	86.89	8.1	33.22	8.2	24.8	2.96
F18	11 Aug 2015	35	13.97	86.99	8.0	33.23	8.2	24.8	3.02
F18	11 Aug 2015	36	13.91	87.38	7.9	33.23	8.2	24.8	3.02
F18	11 Aug 2015	37	13.81	87.68	7.8	33.23	8.2	24.9	3.01
F18	11 Aug 2015	38	13.73	87.88	7.8	33.23	8.2	24.9	3.01
F18	11 Aug 2015	39	13.64	88.02	7.7	33.23	8.2	24.9	2.97

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F18	11 Aug 2015	40	13.48	88.36	7.5	33.23	8.2	24.9	2.84
F18	11 Aug 2015	41	13.31	88.67	7.4	33.22	8.2	25.0	2.66
F18	11 Aug 2015	42	13.02	88.98	7.3	33.21	8.2	25.0	2.39
F18	11 Aug 2015	43	12.80	89.47	7.2	33.20	8.2	25.0	2.15
F18	11 Aug 2015	44	12.55	89.75	7.1	33.20	8.1	25.1	1.97
F18	11 Aug 2015	45	12.47	89.87	7.1	33.21	8.1	25.1	1.88
F18	11 Aug 2015	46	12.46	89.86	7.1	33.21	8.1	25.1	1.81
F18	11 Aug 2015	47	12.47	90.03	7.0	33.22	8.1	25.1	1.78
F18	11 Aug 2015	48	12.48	90.05	7.0	33.23	8.1	25.1	1.75
F18	11 Aug 2015	49	12.48	90.07	7.0	33.24	8.1	25.1	1.73
F18	11 Aug 2015	50	12.49	90.04	6.9	33.25	8.1	25.1	1.71
F18	11 Aug 2015	51	12.50	90.07	6.9	33.26	8.1	25.1	1.69
F18	11 Aug 2015	52	12.46	90.07	6.7	33.27	8.1	25.2	1.59
F18	11 Aug 2015	53	12.27	90.19	6.5	33.30	8.1	25.2	1.49
F18	11 Aug 2015	54	12.21	90.26	6.5	33.31	8.1	25.2	1.38
F18	11 Aug 2015	55	12.12	90.36	6.4	33.31	8.1	25.3	1.27
F18	11 Aug 2015	56	12.05	90.35	6.4	33.32	8.1	25.3	1.22
F18	11 Aug 2015	57	11.99	90.44	6.3	33.33	8.1	25.3	1.18
F18	11 Aug 2015	58	11.92	90.43	6.2	33.34	8.1	25.3	1.12
F18	11 Aug 2015	59	11.88	90.35	6.2	33.36	8.1	25.3	1.09
F18	11 Aug 2015	60	11.87	90.28	6.1	33.36	8.1	25.3	1.07
F18	11 Aug 2015	61	11.87	90.28	6.2	33.36	8.1	25.3	1.08
F18	11 Aug 2015	62	11.86	90.24	6.1	33.36	8.1	25.3	1.07
F18	11 Aug 2015	63	11.82	90.18	6.1	33.36	8.1	25.4	1.02
F18	11 Aug 2015	64	11.78	90.22	6.1	33.37	8.0	25.4	1.00
F18	11 Aug 2015	65	11.76	90.30	6.0	33.37	8.0	25.4	0.97
F18	11 Aug 2015	66	11.68	90.36	6.0	33.38	8.0	25.4	0.91
F18	11 Aug 2015	67	11.63	90.45	6.0	33.39	8.0	25.4	0.86
F18	11 Aug 2015	68	11.61	90.46	5.9	33.39	8.0	25.4	0.83
F18	11 Aug 2015	69	11.58	90.40	5.9	33.39	8.0	25.4	0.80
F18	11 Aug 2015	70	11.53	90.31	5.8	33.40	8.0	25.4	0.74
F18	11 Aug 2015	71	11.42	90.42	5.7	33.42	8.0	25.5	0.70
F18	11 Aug 2015	72	11.38	90.22	5.7	33.43	8.0	25.5	0.65
F18	11 Aug 2015	73	11.34	90.30	5.6	33.44	8.0	25.5	0.62
F18	11 Aug 2015	74	11.31	89.81	5.5	33.45	8.0	25.5	0.60
F18	11 Aug 2015	75	11.29	89.94	5.4	33.46	8.0	25.5	0.57
F18	11 Aug 2015	76	11.27	89.21	5.4	33.48	8.0	25.5	0.54
F18	11 Aug 2015	77	11.27	88.95	5.4	33.48	8.0	25.5	0.55
F18	11 Aug 2015	78	11.27	88.85	5.4	33.48	8.0	25.5	0.53
F18	11 Aug 2015	79	11.27	88.28	5.4	33.48	8.0	25.5	0.53
F18	11 Aug 2015	80	11.27	88.05	5.4	33.48	8.0	25.5	0.53
F19	11 Aug 2015	1	21.59	89.92	7.2	33.49	8.2	23.2	0.24
F19	11 Aug 2015	2	21.58	90.16	7.2	33.49	8.2	23.2	0.25
F19	11 Aug 2015	3	21.58	90.12	7.2	33.49	8.2	23.2	0.25
F19	11 Aug 2015	4	21.58	90.21	7.2	33.49	8.2	23.2	0.26
F19	11 Aug 2015	5	21.57	90.33	7.2	33.49	8.2	23.2	0.26
F19	11 Aug 2015	6	21.57	90.44	7.2	33.49	8.2	23.2	0.24
F19	11 Aug 2015	7	21.56	90.49	7.2	33.49	8.2	23.2	0.25
F19	11 Aug 2015	8	21.55	90.51	7.2	33.49	8.2	23.2	0.24
F19	11 Aug 2015	9	21.54	90.56	7.2	33.49	8.2	23.2	0.24
F19	11 Aug 2015	10	21.48	90.56	7.2	33.48	8.2	23.2	0.24
F19	11 Aug 2015	11	21.06	90.53	7.2	33.44	8.2	23.3	0.23
F19	11 Aug 2015	12	20.30	90.45	7.6	33.42	8.2	23.5	0.23
F19	11 Aug 2015	13	20.08	90.60	7.6	33.42	8.2	23.5	0.21
F19	11 Aug 2015	14	19.97	90.62	7.6	33.41	8.2	23.6	0.22
F19	11 Aug 2015	15	19.73	90.63	7.6	33.37	8.2	23.6	0.22

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F19	11 Aug 2015	16	19.01	90.57	7.9	33.36	8.2	23.8	0.24
F19	11 Aug 2015	17	18.90	90.41	8.0	33.37	8.2	23.8	0.26
F19	11 Aug 2015	18	18.84	90.27	8.0	33.37	8.2	23.8	0.27
F19	11 Aug 2015	19	18.71	90.34	8.0	33.36	8.2	23.8	0.30
F19	11 Aug 2015	20	18.49	90.15	8.1	33.35	8.2	23.9	0.35
F19	11 Aug 2015	21	18.30	89.89	8.2	33.36	8.2	23.9	0.39
F19	11 Aug 2015	22	18.13	89.90	8.1	33.32	8.2	24.0	0.42
F19	11 Aug 2015	23	17.63	89.72	8.3	33.32	8.2	24.1	0.42
F19	11 Aug 2015	24	17.50	89.77	8.2	33.32	8.2	24.1	0.42
F19	11 Aug 2015	25	16.91	89.52	8.3	33.27	8.2	24.2	0.47
F19	11 Aug 2015	26	16.49	89.54	8.5	33.29	8.2	24.3	0.53
F19	11 Aug 2015	27	16.40	89.29	8.5	33.29	8.3	24.3	0.58
F19	11 Aug 2015	28	16.30	89.20	8.5	33.29	8.3	24.4	0.65
F19	11 Aug 2015	29	15.84	88.95	8.6	33.26	8.3	24.4	0.81
F19	11 Aug 2015	30	15.50	88.14	8.7	33.27	8.2	24.5	0.96
F19	11 Aug 2015	31	15.30	88.13	8.5	33.26	8.2	24.6	1.14
F19	11 Aug 2015	32	14.90	88.16	8.3	33.22	8.2	24.6	1.42
F19	11 Aug 2015	33	14.54	88.03	8.2	33.21	8.2	24.7	1.85
F19	11 Aug 2015	34	14.38	87.65	8.1	33.21	8.2	24.7	2.28
F19	11 Aug 2015	35	14.23	87.45	8.1	33.20	8.2	24.7	2.67
F19	11 Aug 2015	36	14.01	87.34	8.0	33.21	8.2	24.8	2.96
F19	11 Aug 2015	37	13.80	87.36	7.9	33.22	8.2	24.8	3.05
F19	11 Aug 2015	38	13.69	87.62	7.8	33.22	8.2	24.9	3.02
F19	11 Aug 2015	39	13.62	87.89	7.8	33.22	8.2	24.9	2.93
F19	11 Aug 2015	40	13.51	88.18	7.6	33.22	8.2	24.9	2.77
F19	11 Aug 2015	41	13.32	88.61	7.5	33.21	8.2	24.9	2.56
F19	11 Aug 2015	42	13.12	89.04	7.3	33.21	8.2	25.0	2.34
F19	11 Aug 2015	43	12.93	89.43	7.3	33.20	8.2	25.0	2.16
F19	11 Aug 2015	44	12.78	89.69	7.3	33.20	8.1	25.0	2.06
F19	11 Aug 2015	45	12.74	89.75	7.2	33.20	8.1	25.0	2.00
F19	11 Aug 2015	46	12.66	89.86	7.2	33.19	8.1	25.1	1.92
F19	11 Aug 2015	47	12.57	89.94	7.2	33.19	8.1	25.1	1.81
F19	11 Aug 2015	48	12.51	90.03	7.2	33.20	8.1	25.1	1.77
F19	11 Aug 2015	49	12.50	89.98	7.1	33.21	8.1	25.1	1.76
F19	11 Aug 2015	50	12.47	90.06	7.1	33.22	8.1	25.1	1.69
F19	11 Aug 2015	51	12.40	90.15	7.0	33.23	8.1	25.1	1.59
F19	11 Aug 2015	52	12.37	90.28	6.9	33.25	8.1	25.2	1.55
F19	11 Aug 2015	53	12.39	90.26	6.8	33.26	8.1	25.2	1.51
F19	11 Aug 2015	54	12.39	90.19	6.8	33.26	8.1	25.2	1.49
F19	11 Aug 2015	55	12.26	90.28	6.6	33.28	8.1	25.2	1.40
F19	11 Aug 2015	56	12.17	90.39	6.5	33.29	8.1	25.2	1.31
F19	11 Aug 2015	57	12.02	90.51	6.4	33.32	8.1	25.3	1.19
F19	11 Aug 2015	58	11.93	90.48	6.2	33.33	8.1	25.3	1.09
F19	11 Aug 2015	59	11.82	90.52	6.2	33.34	8.1	25.3	1.02
F19	11 Aug 2015	60	11.73	90.57	6.1	33.36	8.1	25.4	0.95
F19	11 Aug 2015	61	11.67	90.70	6.1	33.36	8.0	25.4	0.89
F19	11 Aug 2015	62	11.63	90.76	6.1	33.37	8.0	25.4	0.87
F19	11 Aug 2015	63	11.60	90.79	6.0	33.38	8.0	25.4	0.84
F19	11 Aug 2015	64	11.59	90.74	6.0	33.38	8.0	25.4	0.81
F19	11 Aug 2015	65	11.55	90.71	5.9	33.39	8.0	25.4	0.79
F19	11 Aug 2015	66	11.51	90.72	5.9	33.40	8.0	25.4	0.75
F19	11 Aug 2015	67	11.47	90.75	5.8	33.40	8.0	25.4	0.73
F19	11 Aug 2015	68	11.42	90.77	5.8	33.41	8.0	25.5	0.71
F19	11 Aug 2015	69	11.39	90.62	5.8	33.42	8.0	25.5	0.68
F19	11 Aug 2015	70	11.38	90.64	5.7	33.43	8.0	25.5	0.66
F19	11 Aug 2015	71	11.37	90.55	5.6	33.44	8.0	25.5	0.64
F19	11 Aug 2015	72	11.31	90.30	5.5	33.45	8.0	25.5	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F19	11 Aug 2015	73	11.29	90.14	5.5	33.46	8.0	25.5	0.60
F19	11 Aug 2015	74	11.26	89.63	5.4	33.47	8.0	25.5	0.55
F19	11 Aug 2015	75	11.26	89.71	5.4	33.49	8.0	25.6	0.54
F19	11 Aug 2015	76	11.24	89.79	5.3	33.49	8.0	25.6	0.52
F19	11 Aug 2015	77	11.23	89.72	5.3	33.50	8.0	25.6	0.51
F19	11 Aug 2015	78	11.20	89.57	5.2	33.51	8.0	25.6	0.50
F19	11 Aug 2015	79	11.18	88.92	5.2	33.51	8.0	25.6	0.48
F19	11 Aug 2015	80	11.17	88.00	5.2	33.52	8.0	25.6	0.47
F19	11 Aug 2015	81	11.17	87.89	5.2	33.52	8.0	25.6	0.47
F20	11 Aug 2015	1	21.48	90.26	7.2	33.48	8.2	23.2	0.26
F20	11 Aug 2015	2	21.46	90.29	7.2	33.48	8.2	23.2	0.25
F20	11 Aug 2015	3	21.46	90.32	7.2	33.48	8.2	23.2	0.26
F20	11 Aug 2015	4	21.45	90.29	7.3	33.48	8.2	23.2	0.26
F20	11 Aug 2015	5	21.44	90.29	7.2	33.48	8.2	23.2	0.27
F20	11 Aug 2015	6	21.44	90.30	7.3	33.48	8.2	23.2	0.27
F20	11 Aug 2015	7	21.43	90.30	7.3	33.48	8.2	23.2	0.27
F20	11 Aug 2015	8	21.42	90.30	7.3	33.48	8.2	23.2	0.28
F20	11 Aug 2015	9	21.42	90.30	7.2	33.48	8.2	23.2	0.28
F20	11 Aug 2015	10	21.16	90.28	7.3	33.45	8.2	23.3	0.27
F20	11 Aug 2015	11	20.68	90.47	7.4	33.44	8.2	23.4	0.25
F20	11 Aug 2015	12	20.34	90.60	7.5	33.41	8.2	23.5	0.24
F20	11 Aug 2015	13	19.91	90.67	7.6	33.40	8.2	23.6	0.24
F20	11 Aug 2015	14	19.57	90.64	7.7	33.36	8.2	23.6	0.25
F20	11 Aug 2015	15	18.99	90.51	8.0	33.36	8.2	23.8	0.28
F20	11 Aug 2015	16	18.69	90.21	8.1	33.35	8.2	23.8	0.33
F20	11 Aug 2015	17	18.44	89.94	8.2	33.35	8.2	23.9	0.39
F20	11 Aug 2015	18	18.21	89.66	8.2	33.34	8.2	24.0	0.44
F20	11 Aug 2015	19	18.10	89.59	8.2	33.35	8.2	24.0	0.45
F20	11 Aug 2015	20	17.99	89.58	8.2	33.33	8.2	24.0	0.46
F20	11 Aug 2015	21	17.59	89.60	8.3	33.31	8.2	24.1	0.46
F20	11 Aug 2015	22	17.36	89.73	8.3	33.32	8.2	24.1	0.45
F20	11 Aug 2015	23	17.02	89.72	8.3	33.27	8.2	24.2	0.47
F20	11 Aug 2015	24	16.52	89.57	8.5	33.28	8.2	24.3	0.54
F20	11 Aug 2015	25	16.40	89.34	8.5	33.28	8.2	24.3	0.60
F20	11 Aug 2015	26	16.28	89.15	8.5	33.29	8.2	24.4	0.66
F20	11 Aug 2015	27	16.17	89.05	8.5	33.28	8.2	24.4	0.72
F20	11 Aug 2015	28	16.09	88.90	8.5	33.28	8.2	24.4	0.78
F20	11 Aug 2015	29	15.82	88.74	8.5	33.26	8.2	24.5	0.90
F20	11 Aug 2015	30	15.45	88.50	8.6	33.26	8.2	24.5	1.04
F20	11 Aug 2015	31	15.22	87.86	8.6	33.26	8.2	24.6	1.15
F20	11 Aug 2015	32	15.07	87.82	8.6	33.26	8.2	24.6	1.26
F20	11 Aug 2015	33	14.97	87.92	8.4	33.26	8.2	24.6	1.41
F20	11 Aug 2015	34	14.70	87.96	8.2	33.22	8.2	24.7	1.79
F20	11 Aug 2015	35	14.41	87.66	8.1	33.22	8.2	24.7	2.20
F20	11 Aug 2015	36	14.28	87.59	8.1	33.22	8.2	24.8	2.44
F20	11 Aug 2015	37	14.17	87.58	8.0	33.21	8.2	24.8	2.69
F20	11 Aug 2015	38	13.92	87.72	7.9	33.22	8.2	24.8	2.90
F20	11 Aug 2015	39	13.81	87.87	7.8	33.23	8.2	24.9	2.97
F20	11 Aug 2015	40	13.73	87.92	7.8	33.22	8.2	24.9	3.00
F20	11 Aug 2015	41	13.52	87.89	7.6	33.22	8.2	24.9	2.87
F20	11 Aug 2015	42	13.34	88.32	7.5	33.22	8.2	24.9	2.74
F20	11 Aug 2015	43	13.27	88.50	7.5	33.22	8.2	25.0	2.68
F20	11 Aug 2015	44	13.25	88.57	7.5	33.22	8.2	25.0	2.60
F20	11 Aug 2015	45	13.20	88.69	7.5	33.22	8.2	25.0	2.48
F20	11 Aug 2015	46	13.06	89.03	7.3	33.21	8.2	25.0	2.25
F20	11 Aug 2015	47	12.86	89.51	7.2	33.20	8.1	25.0	2.06

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F20	11 Aug 2015	48	12.76	89.77	7.2	33.20	8.1	25.0	1.95
F20	11 Aug 2015	49	12.62	89.91	7.2	33.19	8.1	25.1	1.87
F20	11 Aug 2015	50	12.54	90.00	7.2	33.19	8.1	25.1	1.81
F20	11 Aug 2015	51	12.50	90.06	7.1	33.20	8.1	25.1	1.74
F20	11 Aug 2015	52	12.46	90.13	7.1	33.20	8.1	25.1	1.68
F20	11 Aug 2015	53	12.42	90.21	7.1	33.21	8.1	25.1	1.64
F20	11 Aug 2015	54	12.38	90.28	7.0	33.21	8.1	25.1	1.57
F20	11 Aug 2015	55	12.35	90.33	7.0	33.22	8.1	25.1	1.55
F20	11 Aug 2015	56	12.33	90.35	7.0	33.22	8.1	25.1	1.50
F20	11 Aug 2015	57	12.31	90.39	7.0	33.23	8.1	25.2	1.49
F20	11 Aug 2015	58	12.35	90.39	6.8	33.25	8.1	25.2	1.46
F20	11 Aug 2015	59	12.29	90.36	6.7	33.25	8.1	25.2	1.39
F20	11 Aug 2015	60	12.07	90.52	6.4	33.29	8.1	25.2	1.24
F20	11 Aug 2015	61	11.98	90.54	6.4	33.31	8.1	25.3	1.14
F20	11 Aug 2015	62	11.91	90.55	6.3	33.32	8.1	25.3	1.05
F20	11 Aug 2015	63	11.81	89.99	6.1	33.34	8.1	25.3	0.96
F20	11 Aug 2015	64	11.69	89.28	6.0	33.34	8.0	25.4	0.87
F20	11 Aug 2015	65	11.64	89.43	6.0	33.35	8.0	25.4	0.82
F20	11 Aug 2015	66	11.61	88.32	5.9	33.37	8.0	25.4	0.79
F20	11 Aug 2015	67	11.55	88.40	5.9	33.37	8.0	25.4	0.76
F20	11 Aug 2015	68	11.50	89.97	5.9	33.38	8.0	25.4	0.73
F20	11 Aug 2015	69	11.40	89.42	5.7	33.39	8.0	25.4	0.64
F20	11 Aug 2015	70	11.33	88.94	5.6	33.41	8.0	25.5	0.58
F20	11 Aug 2015	71	11.29	88.29	5.5	33.43	8.0	25.5	0.55
F20	11 Aug 2015	72	11.27	88.67	5.4	33.43	8.0	25.5	0.51
F20	11 Aug 2015	73	11.25	88.98	5.3	33.45	8.0	25.5	0.50
F20	11 Aug 2015	74	11.24	89.19	5.3	33.46	8.0	25.5	0.49
F20	11 Aug 2015	75	11.23	89.34	5.3	33.46	8.0	25.5	0.50
F20	11 Aug 2015	76	11.23	89.35	5.3	33.46	8.0	25.5	0.49
F20	11 Aug 2015	77	11.23	89.30	5.3	33.47	8.0	25.5	0.50
F20	11 Aug 2015	78	11.23	89.33	5.3	33.47	8.0	25.5	0.49
F20	11 Aug 2015	79	11.22	89.30	5.3	33.47	8.0	25.5	0.49
F20	11 Aug 2015	80	11.21	89.32	5.3	33.47	8.0	25.6	0.49
F20	11 Aug 2015	81	11.19	88.56	5.3	33.49	8.0	25.6	0.48
F21	11 Aug 2015	1	21.40	89.40	7.3	33.45	8.2	23.2	0.32
F21	11 Aug 2015	2	21.40	89.40	7.3	33.45	8.2	23.2	0.33
F21	11 Aug 2015	3	21.40	89.41	7.3	33.45	8.2	23.2	0.33
F21	11 Aug 2015	4	21.38	89.44	7.3	33.45	8.2	23.2	0.33
F21	11 Aug 2015	5	21.37	89.54	7.3	33.46	8.2	23.2	0.33
F21	11 Aug 2015	6	21.35	89.55	7.3	33.46	8.2	23.2	0.32
F21	11 Aug 2015	7	21.34	89.70	7.3	33.46	8.2	23.2	0.31
F21	11 Aug 2015	8	21.20	89.94	7.3	33.45	8.2	23.3	0.29
F21	11 Aug 2015	9	20.73	90.10	7.4	33.43	8.2	23.4	0.27
F21	11 Aug 2015	10	20.45	90.44	7.5	33.42	8.2	23.4	0.26
F21	11 Aug 2015	11	20.20	90.47	7.6	33.42	8.2	23.5	0.26
F21	11 Aug 2015	12	20.10	90.49	7.6	33.41	8.2	23.5	0.26
F21	11 Aug 2015	13	19.85	90.46	7.6	33.40	8.2	23.6	0.27
F21	11 Aug 2015	14	19.65	90.44	7.7	33.38	8.2	23.6	0.26
F21	11 Aug 2015	15	19.24	90.39	7.8	33.36	8.2	23.7	0.27
F21	11 Aug 2015	16	18.62	90.35	8.0	33.33	8.2	23.8	0.33
F21	11 Aug 2015	17	18.19	89.93	8.3	33.33	8.2	23.9	0.42
F21	11 Aug 2015	18	17.90	89.18	8.4	33.33	8.2	24.0	0.51
F21	11 Aug 2015	19	17.83	89.04	8.4	33.34	8.2	24.0	0.54
F21	11 Aug 2015	20	17.74	89.11	8.3	33.32	8.2	24.1	0.55
F21	11 Aug 2015	21	17.22	89.33	8.3	33.30	8.2	24.2	0.55
F21	11 Aug 2015	22	16.84	89.38	8.3	33.28	8.2	24.2	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	11 Aug 2015	23	16.38	89.15	8.4	33.28	8.2	24.3	0.68
F21	11 Aug 2015	24	16.20	88.97	8.5	33.28	8.2	24.4	0.75
F21	11 Aug 2015	25	16.08	88.90	8.5	33.28	8.2	24.4	0.80
F21	11 Aug 2015	26	16.02	88.86	8.5	33.28	8.2	24.4	0.83
F21	11 Aug 2015	27	15.93	88.72	8.5	33.28	8.2	24.4	0.89
F21	11 Aug 2015	28	15.86	88.63	8.5	33.28	8.2	24.5	0.93
F21	11 Aug 2015	29	15.72	88.51	8.5	33.26	8.2	24.5	1.03
F21	11 Aug 2015	30	15.31	88.31	8.6	33.26	8.2	24.6	1.18
F21	11 Aug 2015	31	15.11	87.87	8.6	33.27	8.2	24.6	1.28
F21	11 Aug 2015	32	15.00	87.85	8.6	33.27	8.2	24.6	1.35
F21	11 Aug 2015	33	14.93	87.81	8.6	33.27	8.2	24.6	1.42
F21	11 Aug 2015	34	14.86	87.85	8.5	33.26	8.2	24.7	1.45
F21	11 Aug 2015	35	14.75	87.85	8.4	33.25	8.2	24.7	1.55
F21	11 Aug 2015	36	14.54	87.82	8.3	33.24	8.2	24.7	1.84
F21	11 Aug 2015	37	14.28	87.17	8.2	33.23	8.2	24.8	2.27
F21	11 Aug 2015	38	14.12	87.21	8.1	33.22	8.2	24.8	2.54
F21	11 Aug 2015	39	14.02	87.55	8.0	33.22	8.2	24.8	2.68
F21	11 Aug 2015	40	13.90	87.75	7.8	33.22	8.2	24.8	2.71
F21	11 Aug 2015	41	13.75	88.11	7.7	33.22	8.2	24.9	2.71
F21	11 Aug 2015	42	13.64	88.24	7.6	33.23	8.2	24.9	2.80
F21	11 Aug 2015	43	13.44	88.42	7.4	33.24	8.2	24.9	2.64
F21	11 Aug 2015	44	13.24	89.01	7.4	33.22	8.2	25.0	2.40
F21	11 Aug 2015	45	13.17	89.41	7.3	33.23	8.2	25.0	2.27
F21	11 Aug 2015	46	13.08	89.35	7.3	33.22	8.2	25.0	2.17
F21	11 Aug 2015	47	12.92	89.47	7.3	33.21	8.1	25.0	2.08
F21	11 Aug 2015	48	12.78	89.73	7.2	33.19	8.1	25.0	1.90
F21	11 Aug 2015	49	12.64	89.98	7.2	33.19	8.1	25.1	1.80
F21	11 Aug 2015	50	12.56	90.08	7.2	33.18	8.1	25.1	1.74
F21	11 Aug 2015	51	12.42	90.13	7.2	33.18	8.1	25.1	1.69
F21	11 Aug 2015	52	12.37	90.24	7.1	33.18	8.1	25.1	1.60
F21	11 Aug 2015	53	12.30	90.36	7.1	33.20	8.1	25.1	1.56
F21	11 Aug 2015	54	12.27	90.40	7.0	33.20	8.1	25.1	1.50
F21	11 Aug 2015	55	12.26	90.46	7.0	33.21	8.1	25.1	1.46
F21	11 Aug 2015	56	12.23	90.49	7.0	33.22	8.1	25.2	1.39
F21	11 Aug 2015	57	12.21	90.54	6.9	33.23	8.1	25.2	1.37
F21	11 Aug 2015	58	12.16	90.56	6.8	33.24	8.1	25.2	1.29
F21	11 Aug 2015	59	12.00	90.67	6.5	33.27	8.1	25.2	1.18
F21	11 Aug 2015	60	11.85	90.64	6.3	33.30	8.1	25.3	1.06
F21	11 Aug 2015	61	11.69	90.50	6.1	33.35	8.0	25.4	0.97
F21	11 Aug 2015	62	11.62	90.55	6.0	33.36	8.0	25.4	0.90
F21	11 Aug 2015	63	11.56	90.67	6.0	33.35	8.0	25.4	0.84
F21	11 Aug 2015	64	11.51	90.75	6.0	33.35	8.0	25.4	0.81
F21	11 Aug 2015	65	11.49	90.43	6.0	33.36	8.0	25.4	0.77
F21	11 Aug 2015	66	11.45	90.46	6.0	33.36	8.0	25.4	0.75
F21	11 Aug 2015	67	11.40	90.82	6.0	33.37	8.0	25.4	0.73
F21	11 Aug 2015	68	11.38	90.94	6.0	33.37	8.0	25.4	0.70
F21	11 Aug 2015	69	11.38	90.74	5.8	33.38	8.0	25.4	0.66
F21	11 Aug 2015	70	11.35	90.40	5.8	33.38	8.0	25.5	0.65
F21	11 Aug 2015	71	11.34	90.37	5.8	33.39	8.0	25.5	0.64
F21	11 Aug 2015	72	11.33	89.64	5.8	33.39	8.0	25.5	0.63
F21	11 Aug 2015	73	11.26	89.95	5.8	33.40	8.0	25.5	0.59
F21	11 Aug 2015	74	11.30	89.68	5.7	33.42	8.0	25.5	0.59
F21	11 Aug 2015	75	11.30	88.26	5.6	33.43	8.0	25.5	0.58
F21	11 Aug 2015	76	11.29	87.65	5.6	33.44	8.0	25.5	0.56
F21	11 Aug 2015	77	11.27	87.05	5.5	33.45	8.0	25.5	0.55
F21	11 Aug 2015	78	11.25	86.95	5.5	33.45	8.0	25.5	0.53
F21	11 Aug 2015	79	11.22	87.08	5.4	33.46	8.0	25.5	0.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F21	11 Aug 2015	80	11.16	87.80	5.3	33.49	8.0	25.6	0.48
F21	11 Aug 2015	81	11.15	87.49	5.2	33.49	8.0	25.6	0.46
F21	11 Aug 2015	82	11.15	86.67	5.2	33.50	8.0	25.6	0.46
F21	11 Aug 2015	83	11.15	86.07	5.2	33.50	8.0	25.6	0.46
F22	11 Aug 2015	1	21.38	88.39	7.5	33.42	8.2	23.2	0.36
F22	11 Aug 2015	2	21.38	88.34	7.5	33.42	8.2	23.2	0.36
F22	11 Aug 2015	3	21.38	88.40	7.5	33.42	8.2	23.2	0.37
F22	11 Aug 2015	4	21.37	88.42	7.4	33.42	8.2	23.2	0.38
F22	11 Aug 2015	5	21.35	88.44	7.5	33.42	8.2	23.2	0.38
F22	11 Aug 2015	6	21.33	88.50	7.5	33.42	8.2	23.2	0.40
F22	11 Aug 2015	7	21.18	88.58	7.5	33.41	8.2	23.2	0.38
F22	11 Aug 2015	8	21.10	88.91	7.5	33.43	8.2	23.3	0.37
F22	11 Aug 2015	9	21.10	89.28	7.4	33.44	8.2	23.3	0.35
F22	11 Aug 2015	10	20.92	89.60	7.4	33.44	8.2	23.3	0.36
F22	11 Aug 2015	11	20.44	89.55	7.6	33.39	8.2	23.4	0.36
F22	11 Aug 2015	12	19.96	89.77	7.7	33.38	8.2	23.5	0.38
F22	11 Aug 2015	13	19.18	89.66	7.9	33.35	8.2	23.7	0.38
F22	11 Aug 2015	14	18.67	89.73	8.1	33.34	8.2	23.8	0.37
F22	11 Aug 2015	15	18.45	89.79	8.2	33.35	8.2	23.9	0.39
F22	11 Aug 2015	16	18.28	89.41	8.3	33.34	8.2	23.9	0.46
F22	11 Aug 2015	17	18.04	89.08	8.3	33.34	8.2	24.0	0.53
F22	11 Aug 2015	18	17.94	88.89	8.3	33.34	8.2	24.0	0.56
F22	11 Aug 2015	19	17.85	88.86	8.3	33.34	8.2	24.0	0.58
F22	11 Aug 2015	20	17.81	88.97	8.3	33.34	8.2	24.0	0.60
F22	11 Aug 2015	21	17.73	89.15	8.3	33.33	8.2	24.1	0.57
F22	11 Aug 2015	22	17.40	89.29	8.3	33.31	8.2	24.1	0.55
F22	11 Aug 2015	23	16.66	89.37	8.4	33.27	8.2	24.3	0.63
F22	11 Aug 2015	24	16.24	89.11	8.4	33.27	8.2	24.4	0.77
F22	11 Aug 2015	25	15.84	88.66	8.5	33.26	8.2	24.4	0.99
F22	11 Aug 2015	26	15.48	88.15	8.6	33.26	8.2	24.5	1.18
F22	11 Aug 2015	27	15.18	87.97	8.5	33.24	8.2	24.6	1.46
F22	11 Aug 2015	28	14.71	87.43	8.5	33.24	8.2	24.7	1.80
F22	11 Aug 2015	29	14.63	87.35	8.5	33.24	8.2	24.7	1.94
F22	11 Aug 2015	30	14.57	87.47	8.4	33.24	8.2	24.7	2.04
F22	11 Aug 2015	31	14.50	87.55	8.3	33.23	8.2	24.7	2.14
F22	11 Aug 2015	32	14.34	87.59	8.0	33.20	8.2	24.7	2.42
F22	11 Aug 2015	33	14.05	87.62	7.9	33.21	8.2	24.8	2.65
F22	11 Aug 2015	34	13.96	87.93	7.8	33.21	8.2	24.8	2.69
F22	11 Aug 2015	35	13.85	88.20	7.8	33.21	8.2	24.8	2.68
F22	11 Aug 2015	36	13.81	88.30	7.8	33.22	8.2	24.8	2.72
F22	11 Aug 2015	37	13.76	88.21	7.8	33.22	8.2	24.9	2.80
F22	11 Aug 2015	38	13.74	88.19	7.7	33.23	8.2	24.9	2.83
F22	11 Aug 2015	39	13.59	88.21	7.6	33.23	8.2	24.9	2.91
F22	11 Aug 2015	40	13.44	88.17	7.4	33.26	8.2	25.0	2.88
F22	11 Aug 2015	41	13.38	88.44	7.4	33.26	8.2	25.0	2.88
F22	11 Aug 2015	42	13.34	88.38	7.4	33.26	8.2	25.0	2.83
F22	11 Aug 2015	43	13.22	88.48	7.2	33.24	8.2	25.0	2.66
F22	11 Aug 2015	44	13.03	89.05	7.2	33.24	8.1	25.0	2.35
F22	11 Aug 2015	45	12.93	89.42	7.2	33.24	8.1	25.0	2.18
F22	11 Aug 2015	46	12.85	89.42	7.1	33.24	8.1	25.1	2.03
F22	11 Aug 2015	47	12.71	89.63	7.0	33.23	8.1	25.1	1.87
F22	11 Aug 2015	48	12.60	90.03	7.1	33.23	8.1	25.1	1.77
F22	11 Aug 2015	49	12.54	90.09	7.0	33.22	8.1	25.1	1.64
F22	11 Aug 2015	50	12.44	90.29	7.0	33.22	8.1	25.1	1.54
F22	11 Aug 2015	51	12.38	90.36	7.0	33.23	8.1	25.1	1.47
F22	11 Aug 2015	52	12.24	90.49	6.8	33.22	8.1	25.2	1.38

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F22	11 Aug 2015	53	12.08	90.67	6.8	33.23	8.1	25.2	1.24
F22	11 Aug 2015	54	11.94	90.74	6.8	33.23	8.1	25.2	1.15
F22	11 Aug 2015	55	11.87	90.82	6.7	33.24	8.1	25.2	1.13
F22	11 Aug 2015	56	11.88	90.73	6.6	33.27	8.1	25.3	1.08
F22	11 Aug 2015	57	11.88	90.58	6.5	33.28	8.1	25.3	1.05
F22	11 Aug 2015	58	11.88	90.44	6.5	33.29	8.1	25.3	1.04
F22	11 Aug 2015	59	11.87	90.42	6.4	33.29	8.1	25.3	1.02
F22	11 Aug 2015	60	11.83	90.46	6.4	33.30	8.1	25.3	0.99
F22	11 Aug 2015	61	11.80	90.41	6.4	33.31	8.1	25.3	0.96
F22	11 Aug 2015	62	11.82	90.23	6.3	33.32	8.1	25.3	0.93
F22	11 Aug 2015	63	11.75	90.11	6.3	33.32	8.1	25.3	0.90
F22	11 Aug 2015	64	11.65	90.41	6.2	33.33	8.0	25.4	0.86
F22	11 Aug 2015	65	11.62	90.50	6.2	33.33	8.0	25.4	0.83
F22	11 Aug 2015	66	11.60	90.38	6.2	33.34	8.0	25.4	0.81
F22	11 Aug 2015	67	11.58	90.38	6.2	33.34	8.0	25.4	0.78
F22	11 Aug 2015	68	11.56	90.34	6.0	33.36	8.0	25.4	0.76
F22	11 Aug 2015	69	11.57	88.05	5.8	33.38	8.0	25.4	0.72
F22	11 Aug 2015	70	11.56	87.43	5.8	33.39	8.0	25.4	0.69
F22	11 Aug 2015	71	11.55	87.24	5.8	33.39	8.0	25.4	0.67
F22	11 Aug 2015	72	11.53	87.19	5.7	33.40	8.0	25.4	0.67
F22	11 Aug 2015	73	11.52	87.18	5.7	33.40	8.0	25.4	0.66
F22	11 Aug 2015	74	11.50	87.11	5.8	33.40	8.0	25.4	0.65
F22	11 Aug 2015	75	11.49	87.31	5.7	33.41	8.0	25.4	0.65
F22	11 Aug 2015	76	11.48	87.28	5.7	33.41	8.0	25.4	0.63
F22	11 Aug 2015	77	11.47	87.39	5.7	33.41	8.0	25.5	0.62
F22	11 Aug 2015	78	11.44	86.96	5.6	33.41	8.0	25.5	0.61
F22	11 Aug 2015	79	11.40	87.25	5.6	33.41	8.0	25.5	0.57
F22	11 Aug 2015	80	11.29	87.49	5.5	33.44	8.0	25.5	0.53
F23	11 Aug 2015	1	21.51	88.69	7.3	33.44	8.2	23.2	0.40
F23	11 Aug 2015	2	21.51	88.73	7.3	33.44	8.2	23.2	0.41
F23	11 Aug 2015	3	21.50	88.94	7.4	33.44	8.2	23.2	0.41
F23	11 Aug 2015	4	21.50	88.91	7.4	33.44	8.2	23.2	0.42
F23	11 Aug 2015	5	21.47	88.87	7.4	33.43	8.2	23.2	0.43
F23	11 Aug 2015	6	21.32	88.79	7.5	33.40	8.2	23.2	0.45
F23	11 Aug 2015	7	20.80	88.35	7.9	33.37	8.2	23.3	0.48
F23	11 Aug 2015	8	20.46	88.19	8.0	33.35	8.2	23.4	0.50
F23	11 Aug 2015	9	19.97	88.01	8.1	33.35	8.2	23.5	0.52
F23	11 Aug 2015	10	19.71	88.24	8.1	33.35	8.2	23.6	0.56
F23	11 Aug 2015	11	18.81	88.19	8.2	33.31	8.2	23.8	0.56
F23	11 Aug 2015	12	18.17	88.42	8.4	33.33	8.2	24.0	0.55
F23	11 Aug 2015	13	18.02	88.66	8.5	33.34	8.2	24.0	0.56
F23	11 Aug 2015	14	17.97	88.53	8.4	33.34	8.2	24.0	0.59
F23	11 Aug 2015	15	17.94	88.51	8.4	33.34	8.2	24.0	0.60
F23	11 Aug 2015	16	17.92	88.56	8.4	33.34	8.2	24.0	0.61
F23	11 Aug 2015	17	17.88	88.75	8.3	33.34	8.2	24.0	0.60
F23	11 Aug 2015	18	17.83	88.89	8.3	33.35	8.2	24.0	0.59
F23	11 Aug 2015	19	17.80	88.99	8.3	33.35	8.2	24.1	0.59
F23	11 Aug 2015	20	17.73	89.25	8.3	33.34	8.2	24.1	0.58
F23	11 Aug 2015	21	17.39	89.33	8.3	33.32	8.2	24.1	0.58
F23	11 Aug 2015	22	16.88	89.23	8.4	33.28	8.2	24.2	0.65
F23	11 Aug 2015	23	16.32	89.03	8.5	33.28	8.2	24.4	0.78
F23	11 Aug 2015	24	16.02	88.67	8.6	33.28	8.2	24.4	0.94
F23	11 Aug 2015	25	15.78	88.33	8.6	33.27	8.2	24.5	1.16
F23	11 Aug 2015	26	15.55	88.10	8.6	33.27	8.2	24.5	1.30
F23	11 Aug 2015	27	15.39	87.92	8.6	33.26	8.2	24.5	1.37
F23	11 Aug 2015	28	15.11	87.76	8.6	33.25	8.2	24.6	1.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F23	11 Aug 2015	29	14.68	87.33	8.4	33.23	8.2	24.7	1.92
F23	11 Aug 2015	30	14.27	86.90	8.2	33.23	8.2	24.8	2.26
F23	11 Aug 2015	31	14.16	87.04	8.1	33.23	8.2	24.8	2.34
F23	11 Aug 2015	32	14.08	87.52	8.1	33.23	8.2	24.8	2.35
F23	11 Aug 2015	33	14.03	87.82	8.0	33.22	8.2	24.8	2.33
F23	11 Aug 2015	34	13.92	87.99	7.8	33.21	8.2	24.8	2.33
F23	11 Aug 2015	35	13.63	88.41	7.6	33.22	8.2	24.9	2.32
F23	11 Aug 2015	36	13.56	88.87	7.5	33.22	8.2	24.9	2.31
F23	11 Aug 2015	37	13.49	88.93	7.5	33.23	8.2	24.9	2.37
F23	11 Aug 2015	38	13.46	88.90	7.6	33.23	8.2	24.9	2.42
F23	11 Aug 2015	39	13.44	88.90	7.5	33.24	8.2	24.9	2.43
F23	11 Aug 2015	40	13.41	88.93	7.5	33.24	8.2	24.9	2.50
F23	11 Aug 2015	41	13.33	88.75	7.4	33.25	8.2	25.0	2.55
F23	11 Aug 2015	42	13.15	88.75	7.2	33.26	8.1	25.0	2.37
F23	11 Aug 2015	43	13.02	89.22	7.1	33.25	8.1	25.0	2.15
F23	11 Aug 2015	44	12.90	89.58	7.1	33.25	8.1	25.1	1.96
F23	11 Aug 2015	45	12.84	89.86	7.1	33.24	8.1	25.1	1.83
F23	11 Aug 2015	46	12.80	89.91	7.1	33.24	8.1	25.1	1.77
F23	11 Aug 2015	47	12.66	89.96	7.0	33.23	8.1	25.1	1.71
F23	11 Aug 2015	48	12.54	90.08	7.0	33.22	8.1	25.1	1.61
F23	11 Aug 2015	49	12.44	90.28	7.0	33.22	8.1	25.1	1.50
F23	11 Aug 2015	50	12.30	90.53	7.0	33.21	8.1	25.1	1.41
F23	11 Aug 2015	51	12.17	90.60	7.0	33.21	8.1	25.2	1.33
F23	11 Aug 2015	52	12.11	90.62	7.0	33.22	8.1	25.2	1.29
F23	11 Aug 2015	53	12.10	90.68	6.9	33.22	8.1	25.2	1.25
F23	11 Aug 2015	54	12.10	90.69	6.9	33.23	8.1	25.2	1.25
F23	11 Aug 2015	55	12.08	90.69	6.8	33.23	8.1	25.2	1.20
F23	11 Aug 2015	56	12.03	90.76	6.6	33.24	8.1	25.2	1.13
F23	11 Aug 2015	57	11.80	90.82	6.4	33.27	8.1	25.3	1.01
F23	11 Aug 2015	58	11.67	90.83	6.3	33.30	8.1	25.3	0.92
F23	11 Aug 2015	59	11.62	90.80	6.2	33.31	8.0	25.3	0.86
F23	11 Aug 2015	60	11.58	90.69	6.2	33.32	8.0	25.4	0.82
F23	11 Aug 2015	61	11.55	90.64	6.1	33.34	8.0	25.4	0.77
F23	11 Aug 2015	62	11.56	90.52	6.0	33.37	8.0	25.4	0.74
F23	11 Aug 2015	63	11.58	90.03	5.9	33.37	8.0	25.4	0.74
F23	11 Aug 2015	64	11.58	89.99	5.9	33.38	8.0	25.4	0.72
F23	11 Aug 2015	65	11.60	88.87	5.8	33.39	8.0	25.4	0.71
F23	11 Aug 2015	66	11.59	88.44	5.8	33.39	8.0	25.4	0.70
F23	11 Aug 2015	67	11.56	88.56	5.8	33.39	8.0	25.4	0.69
F23	11 Aug 2015	68	11.54	88.94	5.8	33.40	8.0	25.4	0.68
F23	11 Aug 2015	69	11.53	88.93	5.8	33.40	8.0	25.4	0.65
F23	11 Aug 2015	70	11.53	88.63	5.7	33.40	8.0	25.4	0.65
F23	11 Aug 2015	71	11.50	87.99	5.7	33.41	8.0	25.4	0.62
F23	11 Aug 2015	72	11.43	88.18	5.6	33.41	8.0	25.5	0.60
F23	11 Aug 2015	73	11.37	88.78	5.6	33.42	8.0	25.5	0.57
F23	11 Aug 2015	74	11.36	88.45	5.6	33.42	8.0	25.5	0.56
F23	11 Aug 2015	75	11.35	87.92	5.6	33.43	8.0	25.5	0.55
F23	11 Aug 2015	76	11.34	87.83	5.6	33.43	8.0	25.5	0.56
F23	11 Aug 2015	77	11.34	87.66	5.6	33.42	8.0	25.5	0.53
F23	11 Aug 2015	78	11.34	87.60	5.6	33.43	8.0	25.5	0.53
F23	11 Aug 2015	79	11.32	87.58	5.5	33.43	8.0	25.5	0.53
F23	11 Aug 2015	80	11.29	87.88	5.5	33.44	8.0	25.5	0.51
F23	11 Aug 2015	81	11.28	87.74	5.5	33.45	8.0	25.5	0.49
F24	11 Aug 2015	1	21.66	88.36	7.3	33.45	8.2	23.1	0.42
F24	11 Aug 2015	2	21.65	88.87	7.3	33.45	8.2	23.1	0.43
F24	11 Aug 2015	3	21.65	88.91	7.3	33.45	8.2	23.1	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F24	11 Aug 2015	4	21.65	88.92	7.3	33.45	8.2	23.1	0.45
F24	11 Aug 2015	5	21.64	88.92	7.3	33.45	8.2	23.1	0.46
F24	11 Aug 2015	6	21.61	88.92	7.3	33.45	8.2	23.1	0.45
F24	11 Aug 2015	7	21.43	88.95	7.3	33.42	8.2	23.2	0.44
F24	11 Aug 2015	8	20.70	89.11	7.6	33.36	8.2	23.3	0.45
F24	11 Aug 2015	9	19.39	89.04	8.1	33.33	8.2	23.6	0.48
F24	11 Aug 2015	10	18.58	88.56	8.4	33.33	8.2	23.9	0.52
F24	11 Aug 2015	11	18.25	88.50	8.4	33.33	8.2	23.9	0.53
F24	11 Aug 2015	12	18.12	88.71	8.4	33.34	8.2	24.0	0.53
F24	11 Aug 2015	13	18.05	88.87	8.4	33.34	8.2	24.0	0.52
F24	11 Aug 2015	14	18.00	89.07	8.3	33.34	8.2	24.0	0.51
F24	11 Aug 2015	15	17.91	89.19	8.2	33.33	8.2	24.0	0.51
F24	11 Aug 2015	16	17.39	89.31	8.4	33.31	8.2	24.1	0.52
F24	11 Aug 2015	17	17.27	89.34	8.4	33.32	8.2	24.2	0.53
F24	11 Aug 2015	18	17.20	89.38	8.4	33.31	8.2	24.2	0.55
F24	11 Aug 2015	19	17.02	89.40	8.3	33.30	8.2	24.2	0.59
F24	11 Aug 2015	20	16.75	89.35	8.4	33.29	8.2	24.3	0.63
F24	11 Aug 2015	21	16.46	88.99	8.5	33.30	8.2	24.3	0.77
F24	11 Aug 2015	22	16.30	88.74	8.5	33.28	8.2	24.4	0.92
F24	11 Aug 2015	23	15.86	88.41	8.5	33.26	8.2	24.4	1.26
F24	11 Aug 2015	24	15.59	87.65	8.6	33.27	8.2	24.5	1.53
F24	11 Aug 2015	25	15.39	87.33	8.6	33.27	8.2	24.5	1.70
F24	11 Aug 2015	26	14.99	87.20	8.5	33.23	8.2	24.6	2.01
F24	11 Aug 2015	27	14.61	86.86	8.3	33.23	8.2	24.7	2.33
F24	11 Aug 2015	28	14.38	86.66	8.2	33.22	8.2	24.7	2.66
F24	11 Aug 2015	29	14.13	86.48	8.1	33.22	8.2	24.8	2.95
F24	11 Aug 2015	30	14.10	86.60	8.1	33.22	8.2	24.8	3.00
F24	11 Aug 2015	31	14.05	86.67	8.1	33.22	8.2	24.8	2.96
F24	11 Aug 2015	32	14.01	86.82	8.0	33.23	8.2	24.8	2.96
F24	11 Aug 2015	33	13.99	86.88	8.0	33.23	8.2	24.8	2.97
F24	11 Aug 2015	34	13.95	86.93	8.0	33.23	8.2	24.8	2.92
F24	11 Aug 2015	35	13.91	87.08	7.9	33.23	8.2	24.8	2.87
F24	11 Aug 2015	36	13.88	87.28	7.9	33.23	8.2	24.8	2.79
F24	11 Aug 2015	37	13.84	87.51	7.8	33.22	8.2	24.8	2.73
F24	11 Aug 2015	38	13.71	87.85	7.7	33.22	8.2	24.9	2.67
F24	11 Aug 2015	39	13.56	88.22	7.5	33.22	8.2	24.9	2.60
F24	11 Aug 2015	40	13.39	88.42	7.4	33.22	8.2	24.9	2.42
F24	11 Aug 2015	41	13.26	88.92	7.4	33.24	8.2	25.0	2.31
F24	11 Aug 2015	42	13.21	89.00	7.3	33.25	8.2	25.0	2.32
F24	11 Aug 2015	43	13.18	88.80	7.3	33.25	8.1	25.0	2.38
F24	11 Aug 2015	44	13.15	88.76	7.2	33.25	8.1	25.0	2.38
F24	11 Aug 2015	45	13.07	88.80	7.2	33.26	8.1	25.0	2.34
F24	11 Aug 2015	46	13.03	88.82	7.1	33.27	8.1	25.0	2.34
F24	11 Aug 2015	47	13.02	88.86	7.1	33.27	8.1	25.0	2.31
F24	11 Aug 2015	48	13.00	88.87	7.1	33.27	8.1	25.1	2.26
F24	11 Aug 2015	49	12.97	89.04	7.1	33.27	8.1	25.1	2.19
F24	11 Aug 2015	50	12.94	89.17	7.0	33.27	8.1	25.1	2.07
F24	11 Aug 2015	51	12.82	89.42	6.9	33.27	8.1	25.1	1.88
F24	11 Aug 2015	52	12.63	89.86	6.8	33.27	8.1	25.1	1.67
F24	11 Aug 2015	53	12.53	90.07	6.8	33.26	8.1	25.1	1.52
F24	11 Aug 2015	54	12.37	90.33	6.7	33.27	8.1	25.2	1.39
F24	11 Aug 2015	55	12.31	90.42	6.7	33.27	8.1	25.2	1.31
F24	11 Aug 2015	56	12.25	90.52	6.7	33.28	8.1	25.2	1.26
F24	11 Aug 2015	57	12.22	90.60	6.6	33.28	8.1	25.2	1.21
F24	11 Aug 2015	58	12.20	90.62	6.6	33.28	8.1	25.2	1.17
F24	11 Aug 2015	59	12.13	90.64	6.6	33.29	8.1	25.2	1.11
F24	11 Aug 2015	60	12.03	90.73	6.5	33.28	8.1	25.2	1.04

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F24	11 Aug 2015	61	11.92	90.85	6.4	33.30	8.1	25.3	1.00
F24	11 Aug 2015	62	11.88	90.86	6.3	33.30	8.1	25.3	0.95
F24	11 Aug 2015	63	11.60	90.78	6.1	33.34	8.0	25.4	0.82
F24	11 Aug 2015	64	11.54	90.24	5.9	33.38	8.0	25.4	0.72
F24	11 Aug 2015	65	11.59	88.51	5.7	33.40	8.0	25.4	0.68
F24	11 Aug 2015	66	11.58	87.91	5.7	33.40	8.0	25.4	0.66
F24	11 Aug 2015	67	11.57	87.30	5.6	33.41	8.0	25.4	0.63
F24	11 Aug 2015	68	11.57	86.39	5.6	33.41	8.0	25.4	0.63
F24	11 Aug 2015	69	11.57	85.26	5.5	33.41	8.0	25.4	0.60
F24	11 Aug 2015	70	11.55	84.97	5.5	33.42	8.0	25.4	0.59
F24	11 Aug 2015	71	11.51	85.05	5.5	33.42	8.0	25.5	0.58
F24	11 Aug 2015	72	11.47	86.12	5.6	33.42	8.0	25.5	0.59
F24	11 Aug 2015	73	11.39	88.28	5.7	33.41	8.0	25.5	0.59
F24	11 Aug 2015	74	11.36	89.31	5.7	33.42	8.0	25.5	0.58
F24	11 Aug 2015	75	11.36	88.26	5.5	33.44	8.0	25.5	0.53
F24	11 Aug 2015	76	11.37	87.09	5.4	33.44	8.0	25.5	0.53
F24	11 Aug 2015	77	11.37	86.52	5.4	33.44	8.0	25.5	0.52
F24	11 Aug 2015	78	11.34	86.53	5.4	33.44	8.0	25.5	0.52
F24	11 Aug 2015	79	11.30	86.69	5.4	33.45	8.0	25.5	0.49
F24	11 Aug 2015	80	11.26	86.88	5.4	33.46	8.0	25.5	0.48
F24	11 Aug 2015	81	11.25	85.24	5.4	33.46	8.0	25.5	0.72
F25	11 Aug 2015	1	21.88	87.55	7.2	33.45	8.2	23.1	0.52
F25	11 Aug 2015	2	21.87	88.22	7.2	33.45	8.2	23.1	0.53
F25	11 Aug 2015	3	21.87	88.34	7.2	33.45	8.2	23.1	0.55
F25	11 Aug 2015	4	21.84	88.36	7.2	33.45	8.2	23.1	0.54
F25	11 Aug 2015	5	21.68	88.40	7.3	33.43	8.2	23.1	0.52
F25	11 Aug 2015	6	21.23	88.57	7.5	33.41	8.2	23.2	0.49
F25	11 Aug 2015	7	20.43	88.95	7.7	33.36	8.2	23.4	0.49
F25	11 Aug 2015	8	19.58	89.04	8.0	33.37	8.2	23.6	0.52
F25	11 Aug 2015	9	19.21	89.06	8.1	33.35	8.2	23.7	0.50
F25	11 Aug 2015	10	18.72	89.15	8.2	33.34	8.2	23.8	0.52
F25	11 Aug 2015	11	18.31	89.14	8.3	33.34	8.2	23.9	0.51
F25	11 Aug 2015	12	18.20	89.19	8.3	33.34	8.2	24.0	0.51
F25	11 Aug 2015	13	18.17	89.18	8.3	33.35	8.2	24.0	0.53
F25	11 Aug 2015	14	18.13	89.16	8.3	33.34	8.2	24.0	0.54
F25	11 Aug 2015	15	17.90	89.04	8.3	33.34	8.2	24.0	0.56
F25	11 Aug 2015	16	17.80	89.01	8.4	33.33	8.2	24.0	0.58
F25	11 Aug 2015	17	17.63	88.98	8.4	33.33	8.2	24.1	0.62
F25	11 Aug 2015	18	17.43	88.87	8.4	33.31	8.2	24.1	0.64
F25	11 Aug 2015	19	17.17	88.84	8.4	33.31	8.2	24.2	0.70
F25	11 Aug 2015	20	17.12	88.84	8.4	33.31	8.2	24.2	0.72
F25	11 Aug 2015	21	16.97	88.96	8.4	33.30	8.2	24.2	0.72
F25	11 Aug 2015	22	16.86	89.03	8.4	33.31	8.2	24.2	0.72
F25	11 Aug 2015	23	16.79	89.08	8.4	33.31	8.2	24.3	0.73
F25	11 Aug 2015	24	16.67	88.98	8.5	33.30	8.2	24.3	0.80
F25	11 Aug 2015	25	16.36	88.74	8.6	33.28	8.2	24.3	1.01
F25	11 Aug 2015	26	15.91	87.98	8.7	33.26	8.2	24.4	1.29
F25	11 Aug 2015	27	15.24	87.25	8.6	33.26	8.2	24.6	1.75
F25	11 Aug 2015	28	15.00	86.50	8.6	33.25	8.2	24.6	2.14
F25	11 Aug 2015	29	14.64	86.37	8.4	33.23	8.2	24.7	2.47
F25	11 Aug 2015	30	14.43	86.15	8.3	33.23	8.2	24.7	2.72
F25	11 Aug 2015	31	14.37	86.01	8.3	33.23	8.2	24.7	2.88
F25	11 Aug 2015	32	14.35	85.99	8.3	33.23	8.2	24.7	2.96
F25	11 Aug 2015	33	14.35	86.01	8.3	33.23	8.2	24.7	2.97
F25	11 Aug 2015	34	14.33	86.00	8.3	33.23	8.2	24.7	3.02
F25	11 Aug 2015	35	14.33	85.99	8.2	33.23	8.2	24.8	3.03

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F25	11 Aug 2015	36	14.30	85.96	8.2	33.23	8.2	24.8	3.11
F25	11 Aug 2015	37	14.14	86.01	8.0	33.21	8.2	24.8	3.18
F25	11 Aug 2015	38	13.92	86.65	7.8	33.21	8.2	24.8	3.10
F25	11 Aug 2015	39	13.78	87.34	7.7	33.22	8.2	24.9	3.02
F25	11 Aug 2015	40	13.71	87.69	7.7	33.22	8.1	24.9	3.01
F25	11 Aug 2015	41	13.67	87.81	7.7	33.22	8.1	24.9	3.07
F25	11 Aug 2015	42	13.49	87.59	7.5	33.22	8.1	24.9	3.06
F25	11 Aug 2015	43	13.18	87.53	7.2	33.25	8.1	25.0	2.74
F25	11 Aug 2015	44	12.83	88.77	7.0	33.27	8.1	25.1	2.28
F25	11 Aug 2015	45	12.79	89.15	6.9	33.27	8.1	25.1	2.08
F25	11 Aug 2015	46	12.71	89.28	6.9	33.27	8.1	25.1	1.97
F25	11 Aug 2015	47	12.64	89.39	6.9	33.27	8.1	25.1	1.85
F25	11 Aug 2015	48	12.52	89.59	6.8	33.26	8.1	25.1	1.70
F25	11 Aug 2015	49	12.42	89.85	6.8	33.27	8.1	25.2	1.57
F25	11 Aug 2015	50	12.33	90.01	6.7	33.28	8.1	25.2	1.44
F25	11 Aug 2015	51	12.29	90.13	6.6	33.29	8.0	25.2	1.35
F25	11 Aug 2015	52	12.30	89.79	6.5	33.31	8.0	25.2	1.28
F25	11 Aug 2015	53	12.30	88.64	6.4	33.32	8.0	25.2	1.20
F25	11 Aug 2015	54	12.27	87.85	6.3	33.32	8.0	25.2	1.14
F25	11 Aug 2015	55	12.24	87.81	6.4	33.32	8.0	25.2	1.14
F25	11 Aug 2015	56	12.14	88.33	6.4	33.31	8.0	25.2	1.12
F25	11 Aug 2015	57	11.99	89.27	6.4	33.31	8.0	25.3	1.05
F25	11 Aug 2015	58	11.85	90.02	6.2	33.34	8.0	25.3	0.97
F25	11 Aug 2015	59	11.85	89.20	6.0	33.36	8.0	25.3	0.88
F25	11 Aug 2015	60	11.79	88.25	5.9	33.37	8.0	25.4	0.81
F25	11 Aug 2015	61	11.70	88.50	6.0	33.36	8.0	25.4	0.80
F25	11 Aug 2015	62	11.65	89.41	6.1	33.37	8.0	25.4	0.79
F25	11 Aug 2015	63	11.62	89.77	6.0	33.37	8.0	25.4	0.75
F25	11 Aug 2015	64	11.57	89.39	5.8	33.40	8.0	25.4	0.71
F25	11 Aug 2015	65	11.56	88.26	5.6	33.41	8.0	25.4	0.67
F25	11 Aug 2015	66	11.55	87.74	5.6	33.41	8.0	25.4	0.65
F25	11 Aug 2015	67	11.55	87.68	5.7	33.41	8.0	25.4	0.65
F25	11 Aug 2015	68	11.54	87.77	5.7	33.41	8.0	25.4	0.63
F25	11 Aug 2015	69	11.52	87.43	5.6	33.41	8.0	25.4	0.62
F25	11 Aug 2015	70	11.52	87.31	5.6	33.42	8.0	25.4	0.63
F25	11 Aug 2015	71	11.52	87.23	5.6	33.42	8.0	25.4	0.63
F25	11 Aug 2015	72	11.50	87.26	5.6	33.42	8.0	25.5	0.61
F25	11 Aug 2015	73	11.49	87.04	5.5	33.42	8.0	25.5	0.61
F25	11 Aug 2015	74	11.49	86.87	5.5	33.42	8.0	25.5	0.60
F25	11 Aug 2015	75	11.49	86.93	5.5	33.42	8.0	25.5	0.59
F25	11 Aug 2015	76	11.48	86.81	5.5	33.43	8.0	25.5	0.58
F25	11 Aug 2015	77	11.48	86.66	5.5	33.43	8.0	25.5	0.59
F25	11 Aug 2015	78	11.48	86.44	5.5	33.43	8.0	25.5	0.54
F25	11 Aug 2015	79	11.47	86.20	5.5	33.43	8.0	25.5	0.54
F25	11 Aug 2015	80	11.47	86.02	5.5	33.43	8.0	25.5	0.54
F26	12 Aug 2015	1	22.08	90.47	7.1	33.51	8.3	23.1	0.15
F26	12 Aug 2015	2	22.07	90.60	7.1	33.52	8.3	23.1	0.15
F26	12 Aug 2015	3	22.00	90.70	7.1	33.51	8.3	23.1	0.16
F26	12 Aug 2015	4	21.95	90.70	7.1	33.51	8.3	23.1	0.16
F26	12 Aug 2015	5	21.92	90.68	7.1	33.51	8.3	23.1	0.16
F26	12 Aug 2015	6	21.89	90.65	7.1	33.51	8.3	23.1	0.16
F26	12 Aug 2015	7	21.87	90.64	7.1	33.51	8.3	23.1	0.17
F26	12 Aug 2015	8	21.83	90.58	7.1	33.51	8.3	23.1	0.17
F26	12 Aug 2015	9	21.70	90.47	7.1	33.49	8.3	23.2	0.17
F26	12 Aug 2015	10	21.19	90.58	7.3	33.44	8.3	23.3	0.17
F26	12 Aug 2015	11	20.69	90.65	7.5	33.43	8.3	23.4	0.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F26	12 Aug 2015	12	20.37	90.68	7.5	33.42	8.3	23.5	0.16
F26	12 Aug 2015	13	20.16	90.70	7.6	33.41	8.3	23.5	0.17
F26	12 Aug 2015	14	19.79	90.61	7.7	33.38	8.3	23.6	0.17
F26	12 Aug 2015	15	19.68	90.62	7.7	33.40	8.3	23.6	0.17
F26	12 Aug 2015	16	19.22	90.57	7.8	33.34	8.3	23.7	0.18
F26	12 Aug 2015	17	18.58	90.56	8.0	33.33	8.3	23.8	0.17
F26	12 Aug 2015	18	18.33	90.56	8.1	33.34	8.3	23.9	0.19
F26	12 Aug 2015	19	17.97	90.43	8.2	33.33	8.3	24.0	0.20
F26	12 Aug 2015	20	17.82	90.35	8.2	33.33	8.3	24.0	0.21
F26	12 Aug 2015	21	17.69	90.27	8.2	33.33	8.3	24.1	0.21
F26	12 Aug 2015	22	17.57	90.21	8.1	33.30	8.3	24.1	0.25
F26	12 Aug 2015	23	16.87	89.75	8.3	33.28	8.3	24.2	0.30
F26	12 Aug 2015	24	16.70	89.18	8.5	33.31	8.3	24.3	0.35
F26	12 Aug 2015	25	16.66	89.23	8.5	33.30	8.3	24.3	0.38
F26	12 Aug 2015	26	16.57	88.99	8.5	33.30	8.3	24.3	0.42
F26	12 Aug 2015	27	16.47	88.77	8.6	33.30	8.3	24.3	0.45
F26	12 Aug 2015	28	16.43	88.72	8.5	33.30	8.3	24.3	0.48
F26	12 Aug 2015	29	16.30	88.58	8.5	33.30	8.3	24.4	0.52
F26	12 Aug 2015	30	16.14	88.78	8.4	33.28	8.3	24.4	0.54
F26	12 Aug 2015	31	16.01	89.13	8.4	33.27	8.3	24.4	0.53
F26	12 Aug 2015	32	15.87	89.23	8.3	33.27	8.3	24.4	0.55
F26	12 Aug 2015	33	15.69	89.28	8.3	33.26	8.3	24.5	0.59
F26	12 Aug 2015	34	15.52	89.17	8.3	33.26	8.3	24.5	0.64
F26	12 Aug 2015	35	15.42	89.09	8.3	33.25	8.3	24.5	0.69
F26	12 Aug 2015	36	15.10	89.07	8.2	33.22	8.3	24.6	0.77
F26	12 Aug 2015	37	14.72	88.85	8.2	33.23	8.3	24.7	0.97
F26	12 Aug 2015	38	14.59	88.51	8.2	33.23	8.3	24.7	1.18
F26	12 Aug 2015	39	14.49	88.38	8.2	33.23	8.3	24.7	1.51
F26	12 Aug 2015	40	14.26	87.78	8.0	33.22	8.3	24.8	2.05
F26	12 Aug 2015	41	13.95	87.61	7.9	33.22	8.3	24.8	2.25
F26	12 Aug 2015	42	13.80	87.68	7.8	33.23	8.3	24.9	2.42
F26	12 Aug 2015	43	13.72	87.43	7.6	33.23	8.2	24.9	2.56
F26	12 Aug 2015	44	13.41	87.43	7.3	33.26	8.2	25.0	2.58
F26	12 Aug 2015	45	13.23	87.49	7.1	33.28	8.2	25.0	2.50
F26	12 Aug 2015	46	13.11	87.60	7.0	33.29	8.2	25.1	2.50
F26	12 Aug 2015	47	13.05	87.63	7.0	33.31	8.2	25.1	2.49
F26	12 Aug 2015	48	13.04	87.71	6.9	33.32	8.2	25.1	2.42
F26	12 Aug 2015	49	13.01	87.86	6.8	33.33	8.2	25.1	2.32
F26	12 Aug 2015	50	12.98	88.07	6.8	33.33	8.2	25.1	2.28
F26	12 Aug 2015	51	12.96	88.03	6.7	33.33	8.2	25.1	2.29
F26	12 Aug 2015	52	12.90	88.05	6.6	33.33	8.2	25.1	2.31
F26	12 Aug 2015	53	12.81	88.28	6.7	33.34	8.2	25.1	2.22
F26	12 Aug 2015	54	12.78	88.23	6.6	33.33	8.2	25.1	2.17
F26	12 Aug 2015	55	12.75	88.30	6.6	33.33	8.2	25.2	2.10
F26	12 Aug 2015	56	12.71	88.27	6.4	33.34	8.2	25.2	1.98
F26	12 Aug 2015	57	12.57	88.45	6.3	33.37	8.1	25.2	1.80
F26	12 Aug 2015	58	12.55	88.60	6.3	33.37	8.1	25.2	1.74
F26	12 Aug 2015	59	12.55	88.63	6.3	33.37	8.1	25.2	1.69
F26	12 Aug 2015	60	12.50	88.67	6.2	33.37	8.1	25.2	1.64
F26	12 Aug 2015	61	12.38	89.06	6.1	33.39	8.1	25.3	1.54
F26	12 Aug 2015	62	12.31	89.35	6.0	33.39	8.1	25.3	1.43
F26	12 Aug 2015	63	12.23	89.19	6.0	33.40	8.1	25.3	1.34
F26	12 Aug 2015	64	12.16	89.25	5.9	33.41	8.1	25.3	1.28
F26	12 Aug 2015	65	12.08	89.22	5.8	33.41	8.1	25.3	1.16
F26	12 Aug 2015	66	11.97	89.52	5.8	33.42	8.1	25.4	1.08
F26	12 Aug 2015	67	11.94	89.66	5.8	33.42	8.1	25.4	1.06
F26	12 Aug 2015	68	11.93	89.71	5.8	33.42	8.1	25.4	1.02

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F26	12 Aug 2015	69	11.90	89.76	5.8	33.42	8.1	25.4	1.00
F26	12 Aug 2015	70	11.90	89.80	5.8	33.42	8.1	25.4	1.00
F26	12 Aug 2015	71	11.89	89.80	5.8	33.42	8.1	25.4	0.99
F26	12 Aug 2015	72	11.88	89.80	5.8	33.42	8.1	25.4	0.97
F26	12 Aug 2015	73	11.87	89.79	5.8	33.42	8.1	25.4	0.96
F26	12 Aug 2015	74	11.85	89.80	5.8	33.42	8.1	25.4	0.94
F26	12 Aug 2015	75	11.84	89.85	5.8	33.42	8.1	25.4	0.94
F26	12 Aug 2015	76	11.81	89.88	5.8	33.42	8.1	25.4	0.91
F26	12 Aug 2015	77	11.78	89.97	5.8	33.42	8.1	25.4	0.88
F26	12 Aug 2015	78	11.71	89.99	5.7	33.43	8.1	25.4	0.84
F26	12 Aug 2015	79	11.72	89.95	5.6	33.44	8.1	25.4	0.78
F26	12 Aug 2015	80	11.72	89.89	5.6	33.44	8.1	25.4	0.80
F26	12 Aug 2015	81	11.71	89.88	5.6	33.45	8.1	25.4	0.79
F26	12 Aug 2015	82	11.71	89.88	5.6	33.45	8.1	25.4	0.77
F26	12 Aug 2015	83	11.70	89.89	5.5	33.45	8.1	25.4	0.77
F26	12 Aug 2015	84	11.70	89.87	5.6	33.45	8.1	25.4	0.76
F26	12 Aug 2015	85	11.69	89.87	5.5	33.45	8.1	25.4	0.76
F26	12 Aug 2015	86	11.69	89.87	5.5	33.45	8.1	25.4	0.76
F26	12 Aug 2015	87	11.68	89.88	5.5	33.45	8.1	25.4	0.76
F26	12 Aug 2015	88	11.67	89.90	5.5	33.45	8.0	25.4	0.76
F26	12 Aug 2015	89	11.66	89.89	5.5	33.45	8.0	25.4	0.75
F26	12 Aug 2015	90	11.64	89.87	5.5	33.45	8.0	25.5	0.73
F26	12 Aug 2015	91	11.61	89.83	5.5	33.46	8.0	25.5	0.72
F26	12 Aug 2015	92	11.60	89.80	5.4	33.46	8.0	25.5	0.70
F26	12 Aug 2015	93	11.59	89.78	5.4	33.47	8.0	25.5	0.69
F26	12 Aug 2015	94	11.55	89.68	5.3	33.48	8.0	25.5	0.66
F26	12 Aug 2015	95	11.54	89.48	5.3	33.49	8.0	25.5	0.63
F26	12 Aug 2015	96	11.54	89.40	5.3	33.49	8.0	25.5	0.61
F26	12 Aug 2015	97	11.54	89.31	5.3	33.49	8.0	25.5	0.61
F27	12 Aug 2015	1	22.09	90.36	7.0	33.52	8.3	23.1	0.15
F27	12 Aug 2015	2	22.08	90.76	7.0	33.52	8.3	23.1	0.14
F27	12 Aug 2015	3	22.05	90.80	7.1	33.52	8.3	23.1	0.15
F27	12 Aug 2015	4	21.99	90.81	7.0	33.52	8.3	23.1	0.15
F27	12 Aug 2015	5	21.96	90.79	7.0	33.52	8.3	23.1	0.16
F27	12 Aug 2015	6	21.92	90.76	7.1	33.52	8.3	23.1	0.16
F27	12 Aug 2015	7	21.90	90.72	7.1	33.52	8.3	23.1	0.16
F27	12 Aug 2015	8	21.87	90.67	7.1	33.51	8.3	23.1	0.16
F27	12 Aug 2015	9	21.66	90.53	7.1	33.48	8.3	23.2	0.16
F27	12 Aug 2015	10	20.55	90.60	7.4	33.41	8.3	23.4	0.17
F27	12 Aug 2015	11	20.02	90.70	7.7	33.41	8.3	23.5	0.16
F27	12 Aug 2015	12	19.84	90.70	7.8	33.40	8.3	23.6	0.16
F27	12 Aug 2015	13	19.76	90.69	7.7	33.40	8.3	23.6	0.15
F27	12 Aug 2015	14	19.68	90.68	7.7	33.39	8.3	23.6	0.16
F27	12 Aug 2015	15	19.23	90.59	7.8	33.37	8.3	23.7	0.17
F27	12 Aug 2015	16	19.11	90.54	7.9	33.38	8.3	23.8	0.17
F27	12 Aug 2015	17	19.08	90.53	7.9	33.38	8.3	23.8	0.18
F27	12 Aug 2015	18	19.02	90.49	7.8	33.38	8.3	23.8	0.19
F27	12 Aug 2015	19	18.47	90.38	8.0	33.32	8.3	23.9	0.19
F27	12 Aug 2015	20	18.02	90.49	8.2	33.33	8.3	24.0	0.19
F27	12 Aug 2015	21	17.66	90.31	8.3	33.33	8.3	24.1	0.21
F27	12 Aug 2015	22	17.54	90.16	8.2	33.33	8.3	24.1	0.23
F27	12 Aug 2015	23	17.37	90.01	8.2	33.31	8.3	24.1	0.26
F27	12 Aug 2015	24	16.89	89.83	8.3	33.30	8.3	24.2	0.31
F27	12 Aug 2015	25	16.53	89.12	8.6	33.30	8.3	24.3	0.38
F27	12 Aug 2015	26	16.44	88.84	8.6	33.30	8.3	24.3	0.44
F27	12 Aug 2015	27	16.41	88.69	8.5	33.30	8.3	24.4	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F27	12 Aug 2015	28	16.31	88.61	8.5	33.30	8.3	24.4	0.52
F27	12 Aug 2015	29	16.25	88.63	8.5	33.30	8.3	24.4	0.55
F27	12 Aug 2015	30	16.16	88.67	8.5	33.29	8.3	24.4	0.58
F27	12 Aug 2015	31	16.06	88.74	8.4	33.28	8.3	24.4	0.58
F27	12 Aug 2015	32	15.86	88.98	8.3	33.27	8.3	24.4	0.59
F27	12 Aug 2015	33	15.68	89.12	8.2	33.24	8.3	24.5	0.65
F27	12 Aug 2015	34	15.28	88.91	8.2	33.24	8.3	24.6	0.71
F27	12 Aug 2015	35	14.99	89.03	8.2	33.22	8.3	24.6	0.77
F27	12 Aug 2015	36	14.82	89.09	8.2	33.22	8.3	24.6	0.93
F27	12 Aug 2015	37	14.42	88.64	8.1	33.23	8.3	24.7	1.41
F27	12 Aug 2015	38	14.16	88.08	8.0	33.21	8.3	24.8	1.84
F27	12 Aug 2015	39	13.94	88.10	7.9	33.23	8.3	24.8	2.06
F27	12 Aug 2015	40	13.83	88.10	7.8	33.22	8.2	24.9	2.15
F27	12 Aug 2015	41	13.73	88.38	7.8	33.23	8.2	24.9	2.15
F27	12 Aug 2015	42	13.71	88.56	7.7	33.23	8.2	24.9	2.10
F27	12 Aug 2015	43	13.63	88.82	7.6	33.23	8.2	24.9	2.12
F27	12 Aug 2015	44	13.37	88.81	7.3	33.23	8.2	24.9	2.13
F27	12 Aug 2015	45	13.04	88.73	7.2	33.24	8.2	25.0	2.20
F27	12 Aug 2015	46	13.02	88.72	7.1	33.28	8.2	25.1	2.24
F27	12 Aug 2015	47	13.04	88.62	7.1	33.28	8.2	25.1	2.26
F27	12 Aug 2015	48	13.05	88.61	7.1	33.29	8.2	25.1	2.33
F27	12 Aug 2015	49	13.08	88.60	7.0	33.30	8.2	25.1	2.35
F27	12 Aug 2015	50	13.01	88.62	6.8	33.31	8.2	25.1	2.30
F27	12 Aug 2015	51	12.95	88.40	6.7	33.33	8.2	25.1	2.23
F27	12 Aug 2015	52	12.91	88.32	6.7	33.32	8.2	25.1	2.18
F27	12 Aug 2015	53	12.81	88.25	6.6	33.33	8.2	25.1	2.16
F27	12 Aug 2015	54	12.69	88.07	6.5	33.34	8.2	25.2	2.06
F27	12 Aug 2015	55	12.66	88.38	6.4	33.36	8.1	25.2	1.91
F27	12 Aug 2015	56	12.56	88.85	6.2	33.36	8.1	25.2	1.74
F27	12 Aug 2015	57	12.31	89.29	6.0	33.39	8.1	25.3	1.54
F27	12 Aug 2015	58	12.27	89.36	6.0	33.40	8.1	25.3	1.41
F27	12 Aug 2015	59	12.11	89.41	5.8	33.41	8.1	25.3	1.28
F27	12 Aug 2015	60	11.99	89.64	5.8	33.42	8.1	25.4	1.16
F27	12 Aug 2015	61	11.92	89.77	5.8	33.42	8.1	25.4	1.10
F27	12 Aug 2015	62	11.87	89.94	5.8	33.42	8.1	25.4	1.05
F27	12 Aug 2015	63	11.85	89.98	5.8	33.42	8.1	25.4	1.00
F27	12 Aug 2015	64	11.83	90.00	5.8	33.42	8.1	25.4	0.97
F27	12 Aug 2015	65	11.80	90.10	5.8	33.43	8.1	25.4	0.94
F27	12 Aug 2015	66	11.76	90.16	5.7	33.43	8.1	25.4	0.88
F27	12 Aug 2015	67	11.75	90.05	5.6	33.44	8.1	25.4	0.87
F27	12 Aug 2015	68	11.75	89.99	5.6	33.44	8.1	25.4	0.85
F27	12 Aug 2015	69	11.75	89.85	5.6	33.45	8.1	25.4	0.83
F27	12 Aug 2015	70	11.75	89.85	5.6	33.45	8.1	25.4	0.83
F27	12 Aug 2015	71	11.75	89.79	5.6	33.45	8.1	25.4	0.82
F27	12 Aug 2015	72	11.75	89.80	5.6	33.45	8.1	25.4	0.82
F27	12 Aug 2015	73	11.74	89.79	5.6	33.45	8.1	25.4	0.81
F27	12 Aug 2015	74	11.73	89.81	5.5	33.45	8.1	25.4	0.81
F27	12 Aug 2015	75	11.72	89.76	5.5	33.46	8.1	25.4	0.79
F27	12 Aug 2015	76	11.72	89.74	5.5	33.46	8.1	25.4	0.77
F27	12 Aug 2015	77	11.71	89.74	5.5	33.46	8.1	25.4	0.75
F27	12 Aug 2015	78	11.69	89.74	5.5	33.47	8.1	25.5	0.74
F27	12 Aug 2015	79	11.69	89.72	5.5	33.47	8.0	25.5	0.73
F27	12 Aug 2015	80	11.68	89.76	5.5	33.47	8.0	25.5	0.72
F27	12 Aug 2015	81	11.68	89.77	5.4	33.47	8.0	25.5	0.71
F27	12 Aug 2015	82	11.68	89.73	5.4	33.47	8.0	25.5	0.74
F27	12 Aug 2015	83	11.68	89.78	5.5	33.47	8.0	25.5	0.71
F27	12 Aug 2015	84	11.67	89.78	5.4	33.47	8.0	25.5	0.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F27	12 Aug 2015	85	11.66	89.82	5.4	33.46	8.0	25.5	0.69
F27	12 Aug 2015	86	11.64	89.91	5.4	33.47	8.0	25.5	0.68
F27	12 Aug 2015	87	11.61	89.94	5.4	33.47	8.0	25.5	0.67
F27	12 Aug 2015	88	11.54	89.93	5.4	33.46	8.0	25.5	0.64
F27	12 Aug 2015	89	11.46	90.18	5.4	33.47	8.0	25.5	0.62
F27	12 Aug 2015	90	11.44	90.30	5.4	33.48	8.0	25.5	0.59
F27	12 Aug 2015	91	11.44	90.19	5.3	33.49	8.0	25.5	0.57
F27	12 Aug 2015	92	11.44	90.10	5.2	33.50	8.0	25.5	0.57
F27	12 Aug 2015	93	11.45	90.09	5.2	33.50	8.0	25.5	0.56
F27	12 Aug 2015	94	11.45	90.07	5.2	33.50	8.0	25.5	0.57
F27	12 Aug 2015	95	11.46	90.03	5.2	33.50	8.0	25.5	0.55
F27	12 Aug 2015	96	11.44	89.86	5.2	33.50	8.0	25.5	0.55
F27	12 Aug 2015	97	11.42	89.48	5.2	33.50	8.0	25.5	0.54
F27	12 Aug 2015	98	11.42	89.19	5.2	33.50	8.0	25.5	0.56
F28	12 Aug 2015	1	21.97	90.80	7.1	33.51	8.3	23.1	0.16
F28	12 Aug 2015	2	21.96	90.82	7.1	33.51	8.3	23.1	0.16
F28	12 Aug 2015	3	21.92	90.82	7.1	33.51	8.3	23.1	0.15
F28	12 Aug 2015	4	21.88	90.80	7.1	33.51	8.3	23.1	0.16
F28	12 Aug 2015	5	21.85	90.77	7.1	33.51	8.3	23.1	0.17
F28	12 Aug 2015	6	21.83	90.75	7.1	33.51	8.3	23.1	0.17
F28	12 Aug 2015	7	21.80	90.70	7.1	33.50	8.3	23.1	0.16
F28	12 Aug 2015	8	21.50	90.56	7.2	33.47	8.3	23.2	0.16
F28	12 Aug 2015	9	20.81	90.63	7.4	33.43	8.3	23.4	0.16
F28	12 Aug 2015	10	20.40	90.66	7.5	33.41	8.3	23.4	0.16
F28	12 Aug 2015	11	20.00	90.72	7.7	33.41	8.3	23.5	0.17
F28	12 Aug 2015	12	19.91	90.69	7.7	33.41	8.3	23.6	0.16
F28	12 Aug 2015	13	19.85	90.67	7.7	33.40	8.3	23.6	0.17
F28	12 Aug 2015	14	19.57	90.63	7.8	33.38	8.3	23.6	0.17
F28	12 Aug 2015	15	19.12	90.57	7.8	33.35	8.3	23.7	0.17
F28	12 Aug 2015	16	18.45	90.53	8.1	33.34	8.3	23.9	0.17
F28	12 Aug 2015	17	18.22	90.47	8.2	33.35	8.3	24.0	0.18
F28	12 Aug 2015	18	18.15	90.46	8.2	33.34	8.3	24.0	0.18
F28	12 Aug 2015	19	18.02	90.42	8.2	33.35	8.3	24.0	0.19
F28	12 Aug 2015	20	17.92	90.43	8.2	33.34	8.3	24.0	0.19
F28	12 Aug 2015	21	17.78	90.36	8.2	33.33	8.3	24.0	0.20
F28	12 Aug 2015	22	17.65	90.22	8.2	33.33	8.3	24.1	0.22
F28	12 Aug 2015	23	17.52	90.04	8.2	33.32	8.3	24.1	0.26
F28	12 Aug 2015	24	16.94	89.68	8.3	33.30	8.3	24.2	0.30
F28	12 Aug 2015	25	16.68	89.37	8.4	33.30	8.3	24.3	0.35
F28	12 Aug 2015	26	16.45	89.13	8.5	33.30	8.3	24.3	0.40
F28	12 Aug 2015	27	16.40	88.96	8.5	33.30	8.3	24.4	0.44
F28	12 Aug 2015	28	16.31	88.84	8.5	33.30	8.3	24.4	0.50
F28	12 Aug 2015	29	16.18	88.56	8.6	33.30	8.3	24.4	0.56
F28	12 Aug 2015	30	16.04	88.52	8.5	33.29	8.3	24.4	0.62
F28	12 Aug 2015	31	15.72	88.69	8.3	33.26	8.3	24.5	0.64
F28	12 Aug 2015	32	15.33	88.97	8.3	33.24	8.3	24.5	0.74
F28	12 Aug 2015	33	15.02	88.31	8.3	33.24	8.3	24.6	0.89
F28	12 Aug 2015	34	14.75	88.79	8.2	33.23	8.3	24.7	0.91
F28	12 Aug 2015	35	14.65	88.79	8.3	33.23	8.3	24.7	0.96
F28	12 Aug 2015	36	14.53	88.59	8.2	33.22	8.3	24.7	1.19
F28	12 Aug 2015	37	14.27	88.27	8.0	33.23	8.3	24.8	1.64
F28	12 Aug 2015	38	13.95	87.99	7.8	33.22	8.3	24.8	1.98
F28	12 Aug 2015	39	13.73	88.37	7.7	33.22	8.2	24.9	2.02
F28	12 Aug 2015	40	13.50	88.75	7.6	33.21	8.2	24.9	1.99
F28	12 Aug 2015	41	13.43	88.94	7.6	33.22	8.2	24.9	2.00
F28	12 Aug 2015	42	13.42	88.99	7.5	33.22	8.2	24.9	2.02

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F28	12 Aug 2015	43	13.17	88.98	7.3	33.17	8.2	24.9	1.97
F28	12 Aug 2015	44	12.81	89.30	7.0	33.26	8.2	25.1	1.95
F28	12 Aug 2015	45	12.90	88.77	6.8	33.30	8.2	25.1	2.00
F28	12 Aug 2015	46	12.89	88.70	6.9	33.30	8.2	25.1	2.04
F28	12 Aug 2015	47	12.90	88.71	6.9	33.30	8.2	25.1	2.10
F28	12 Aug 2015	48	12.91	88.71	6.9	33.31	8.2	25.1	2.10
F28	12 Aug 2015	49	12.91	88.72	6.8	33.31	8.2	25.1	2.11
F28	12 Aug 2015	50	12.88	88.71	6.7	33.33	8.2	25.1	2.00
F28	12 Aug 2015	51	12.86	88.77	6.6	33.34	8.2	25.1	1.93
F28	12 Aug 2015	52	12.80	88.85	6.5	33.34	8.2	25.1	1.90
F28	12 Aug 2015	53	12.76	88.91	6.5	33.35	8.2	25.2	1.85
F28	12 Aug 2015	54	12.72	88.98	6.5	33.35	8.2	25.2	1.79
F28	12 Aug 2015	55	12.66	89.05	6.4	33.35	8.1	25.2	1.73
F28	12 Aug 2015	56	12.60	89.07	6.4	33.36	8.1	25.2	1.69
F28	12 Aug 2015	57	12.58	89.07	6.3	33.36	8.1	25.2	1.66
F28	12 Aug 2015	58	12.54	89.08	6.3	33.35	8.1	25.2	1.64
F28	12 Aug 2015	59	12.40	89.10	6.2	33.35	8.1	25.2	1.56
F28	12 Aug 2015	60	12.21	89.39	5.9	33.39	8.1	25.3	1.37
F28	12 Aug 2015	61	12.15	89.62	5.8	33.41	8.1	25.3	1.26
F28	12 Aug 2015	62	12.13	89.60	5.9	33.41	8.1	25.3	1.21
F28	12 Aug 2015	63	12.13	89.62	5.9	33.41	8.1	25.3	1.21
F28	12 Aug 2015	64	12.12	89.54	5.9	33.41	8.1	25.3	1.19
F28	12 Aug 2015	65	12.10	89.53	5.9	33.41	8.1	25.3	1.19
F28	12 Aug 2015	66	12.07	89.57	5.9	33.41	8.1	25.3	1.15
F28	12 Aug 2015	67	11.97	89.71	5.8	33.43	8.1	25.4	1.08
F28	12 Aug 2015	68	11.93	89.84	5.7	33.43	8.1	25.4	1.02
F28	12 Aug 2015	69	11.89	89.85	5.7	33.43	8.1	25.4	0.97
F28	12 Aug 2015	70	11.81	90.04	5.7	33.44	8.1	25.4	0.91
F28	12 Aug 2015	71	11.78	90.12	5.7	33.44	8.1	25.4	0.89
F28	12 Aug 2015	72	11.78	90.13	5.7	33.44	8.1	25.4	0.87
F28	12 Aug 2015	73	11.78	90.19	5.7	33.44	8.1	25.4	0.86
F28	12 Aug 2015	74	11.71	90.21	5.6	33.44	8.1	25.4	0.82
F28	12 Aug 2015	75	11.66	90.19	5.6	33.45	8.1	25.4	0.80
F28	12 Aug 2015	76	11.62	90.24	5.6	33.45	8.1	25.5	0.75
F28	12 Aug 2015	77	11.62	90.23	5.6	33.45	8.1	25.5	0.74
F28	12 Aug 2015	78	11.60	90.25	5.6	33.45	8.1	25.5	0.72
F28	12 Aug 2015	79	11.56	90.32	5.6	33.45	8.1	25.5	0.70
F28	12 Aug 2015	80	11.51	90.37	5.5	33.46	8.1	25.5	0.66
F28	12 Aug 2015	81	11.42	90.29	5.3	33.50	8.0	25.5	0.59
F28	12 Aug 2015	82	11.43	90.13	5.2	33.50	8.0	25.5	0.56
F28	12 Aug 2015	83	11.43	90.08	5.2	33.50	8.0	25.5	0.54
F28	12 Aug 2015	84	11.43	90.07	5.2	33.51	8.0	25.5	0.53
F28	12 Aug 2015	85	11.42	90.09	5.2	33.51	8.0	25.5	0.54
F28	12 Aug 2015	86	11.42	90.07	5.2	33.51	8.0	25.5	0.54
F28	12 Aug 2015	87	11.42	90.06	5.2	33.51	8.0	25.5	0.53
F28	12 Aug 2015	88	11.41	90.10	5.2	33.51	8.0	25.5	0.53
F28	12 Aug 2015	89	11.41	90.10	5.2	33.51	8.0	25.5	0.54
F28	12 Aug 2015	90	11.40	90.12	5.2	33.51	8.0	25.5	0.52
F28	12 Aug 2015	91	11.40	90.14	5.2	33.51	8.0	25.5	0.53
F28	12 Aug 2015	92	11.38	90.11	5.2	33.51	8.0	25.5	0.52
F28	12 Aug 2015	93	11.37	90.14	5.2	33.51	8.0	25.5	0.51
F28	12 Aug 2015	94	11.35	90.15	5.2	33.50	8.0	25.5	0.52
F28	12 Aug 2015	95	11.31	90.25	5.3	33.50	8.0	25.5	0.51
F28	12 Aug 2015	96	11.27	90.23	5.2	33.51	8.0	25.6	0.50
F28	12 Aug 2015	97	11.27	89.91	5.1	33.52	8.0	25.6	0.49
F28	12 Aug 2015	98	11.25	89.25	5.1	33.53	8.0	25.6	0.47

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	12 Aug 2015	1	21.84	89.97	7.2	33.48	8.3	23.1	0.17
F29	12 Aug 2015	2	21.85	90.16	7.2	33.48	8.3	23.1	0.17
F29	12 Aug 2015	3	21.81	90.21	7.2	33.48	8.3	23.1	0.17
F29	12 Aug 2015	4	21.77	90.14	7.1	33.48	8.3	23.1	0.16
F29	12 Aug 2015	5	21.70	90.32	7.2	33.48	8.3	23.1	0.17
F29	12 Aug 2015	6	21.66	90.38	7.1	33.48	8.3	23.2	0.17
F29	12 Aug 2015	7	20.89	90.50	7.3	33.37	8.3	23.3	0.17
F29	12 Aug 2015	8	20.02	90.67	7.7	33.41	8.3	23.5	0.16
F29	12 Aug 2015	9	19.82	90.64	7.7	33.39	8.3	23.6	0.16
F29	12 Aug 2015	10	19.47	90.62	7.8	33.38	8.3	23.7	0.17
F29	12 Aug 2015	11	19.07	90.50	7.9	33.36	8.3	23.7	0.17
F29	12 Aug 2015	12	18.69	90.47	7.9	33.34	8.3	23.8	0.18
F29	12 Aug 2015	13	18.23	90.43	8.1	33.34	8.3	23.9	0.18
F29	12 Aug 2015	14	18.05	90.38	8.2	33.33	8.3	24.0	0.19
F29	12 Aug 2015	15	17.75	90.30	8.2	33.33	8.3	24.1	0.21
F29	12 Aug 2015	16	17.59	90.00	8.3	33.32	8.3	24.1	0.23
F29	12 Aug 2015	17	17.56	89.82	8.3	33.32	8.3	24.1	0.24
F29	12 Aug 2015	18	17.53	89.78	8.2	33.32	8.3	24.1	0.26
F29	12 Aug 2015	19	17.24	89.58	8.2	33.27	8.3	24.1	0.31
F29	12 Aug 2015	20	16.58	89.10	8.4	33.29	8.3	24.3	0.35
F29	12 Aug 2015	21	16.41	89.14	8.4	33.29	8.3	24.3	0.39
F29	12 Aug 2015	22	16.22	88.96	8.5	33.28	8.3	24.4	0.46
F29	12 Aug 2015	23	16.09	88.65	8.6	33.28	8.3	24.4	0.53
F29	12 Aug 2015	24	16.00	88.27	8.6	33.29	8.3	24.4	0.60
F29	12 Aug 2015	25	15.96	88.21	8.6	33.29	8.3	24.4	0.67
F29	12 Aug 2015	26	15.62	88.23	8.5	33.26	8.3	24.5	0.77
F29	12 Aug 2015	27	15.32	88.25	8.4	33.26	8.3	24.6	0.88
F29	12 Aug 2015	28	15.03	88.18	8.4	33.24	8.3	24.6	1.00
F29	12 Aug 2015	29	14.79	88.15	8.2	33.21	8.3	24.6	1.18
F29	12 Aug 2015	30	14.45	88.12	8.1	33.22	8.3	24.7	1.46
F29	12 Aug 2015	31	14.38	88.03	8.2	33.22	8.3	24.7	1.66
F29	12 Aug 2015	32	14.34	88.07	8.2	33.23	8.3	24.7	1.81
F29	12 Aug 2015	33	14.32	88.06	8.2	33.23	8.3	24.8	1.94
F29	12 Aug 2015	34	14.28	88.14	8.1	33.23	8.3	24.8	2.03
F29	12 Aug 2015	35	14.16	88.14	8.0	33.24	8.3	24.8	2.21
F29	12 Aug 2015	36	14.06	88.08	7.9	33.24	8.3	24.8	2.31
F29	12 Aug 2015	37	13.98	88.24	7.8	33.24	8.2	24.8	2.34
F29	12 Aug 2015	38	13.76	88.47	7.6	33.21	8.2	24.9	2.30
F29	12 Aug 2015	39	13.43	88.88	7.5	33.22	8.2	24.9	2.24
F29	12 Aug 2015	40	13.32	89.02	7.5	33.21	8.2	24.9	2.19
F29	12 Aug 2015	41	13.22	89.18	7.5	33.22	8.2	25.0	2.19
F29	12 Aug 2015	42	13.12	89.20	7.4	33.20	8.2	25.0	2.14
F29	12 Aug 2015	43	12.79	89.49	7.2	33.18	8.2	25.0	1.95
F29	12 Aug 2015	44	12.63	89.81	7.1	33.20	8.2	25.1	1.85
F29	12 Aug 2015	45	12.63	89.78	7.2	33.21	8.2	25.1	1.83
F29	12 Aug 2015	46	12.62	89.75	7.2	33.21	8.2	25.1	1.84
F29	12 Aug 2015	47	12.62	89.76	7.2	33.21	8.2	25.1	1.83
F29	12 Aug 2015	48	12.58	89.81	7.1	33.22	8.2	25.1	1.81
F29	12 Aug 2015	49	12.51	89.86	7.0	33.22	8.2	25.1	1.77
F29	12 Aug 2015	50	12.46	89.92	7.0	33.23	8.2	25.1	1.73
F29	12 Aug 2015	51	12.44	89.92	6.8	33.25	8.2	25.1	1.75
F29	12 Aug 2015	52	12.37	89.80	6.7	33.27	8.2	25.2	1.70
F29	12 Aug 2015	53	12.30	89.87	6.6	33.28	8.1	25.2	1.66
F29	12 Aug 2015	54	12.28	89.87	6.6	33.29	8.1	25.2	1.64
F29	12 Aug 2015	55	12.27	89.82	6.6	33.30	8.1	25.2	1.63
F29	12 Aug 2015	56	12.26	89.85	6.5	33.31	8.1	25.2	1.60
F29	12 Aug 2015	57	12.26	89.84	6.5	33.31	8.1	25.2	1.59

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F29	12 Aug 2015	58	12.26	89.82	6.5	33.32	8.1	25.2	1.55
F29	12 Aug 2015	59	12.25	89.83	6.4	33.32	8.1	25.2	1.53
F29	12 Aug 2015	60	12.22	89.85	6.4	33.32	8.1	25.2	1.49
F29	12 Aug 2015	61	12.17	89.93	6.4	33.32	8.1	25.3	1.45
F29	12 Aug 2015	62	12.14	89.96	6.4	33.32	8.1	25.3	1.41
F29	12 Aug 2015	63	12.00	90.10	6.4	33.32	8.1	25.3	1.32
F29	12 Aug 2015	64	11.96	90.21	6.4	33.32	8.1	25.3	1.25
F29	12 Aug 2015	65	11.93	90.22	6.4	33.32	8.1	25.3	1.24
F29	12 Aug 2015	66	11.92	90.21	6.3	33.33	8.1	25.3	1.22
F29	12 Aug 2015	67	11.76	90.32	6.3	33.31	8.1	25.3	1.13
F29	12 Aug 2015	68	11.59	90.53	6.3	33.29	8.1	25.3	1.02
F29	12 Aug 2015	69	11.40	90.72	6.4	33.28	8.1	25.4	0.94
F29	12 Aug 2015	70	11.35	90.81	6.4	33.30	8.1	25.4	0.87
F29	12 Aug 2015	71	11.36	90.76	6.3	33.31	8.1	25.4	0.87
F29	12 Aug 2015	72	11.39	90.74	6.3	33.32	8.1	25.4	0.87
F29	12 Aug 2015	73	11.37	90.71	6.3	33.31	8.1	25.4	0.85
F29	12 Aug 2015	74	11.30	90.79	6.3	33.31	8.1	25.4	0.84
F29	12 Aug 2015	75	11.28	90.87	6.3	33.32	8.1	25.4	0.81
F29	12 Aug 2015	76	11.57	90.51	5.8	33.42	8.1	25.4	0.80
F29	12 Aug 2015	77	11.63	90.29	5.6	33.44	8.0	25.4	0.80
F29	12 Aug 2015	78	11.63	90.30	5.5	33.44	8.0	25.5	0.76
F29	12 Aug 2015	79	11.46	90.42	5.6	33.43	8.0	25.5	0.70
F29	12 Aug 2015	80	11.36	90.63	5.6	33.44	8.0	25.5	0.66
F29	12 Aug 2015	81	11.34	90.62	5.6	33.45	8.0	25.5	0.64
F29	12 Aug 2015	82	11.34	90.60	5.5	33.46	8.0	25.5	0.61
F29	12 Aug 2015	83	11.35	90.54	5.5	33.46	8.0	25.5	0.60
F29	12 Aug 2015	84	11.35	90.49	5.4	33.47	8.0	25.5	0.59
F29	12 Aug 2015	85	11.34	90.49	5.4	33.47	8.0	25.5	0.59
F29	12 Aug 2015	86	11.33	90.48	5.4	33.47	8.0	25.5	0.58
F29	12 Aug 2015	87	11.32	90.44	5.4	33.47	8.0	25.5	0.58
F29	12 Aug 2015	88	11.32	90.34	5.4	33.47	8.0	25.5	0.59
F29	12 Aug 2015	89	11.31	90.29	5.4	33.47	8.0	25.5	0.58
F29	12 Aug 2015	90	11.31	90.02	5.4	33.48	8.0	25.5	0.56
F29	12 Aug 2015	91	11.32	89.78	5.3	33.49	8.0	25.5	0.56
F29	12 Aug 2015	92	11.32	89.36	5.3	33.49	8.0	25.5	0.55
F29	12 Aug 2015	93	11.31	89.24	5.2	33.49	8.0	25.5	0.54
F29	12 Aug 2015	94	11.30	88.97	5.2	33.50	8.0	25.6	0.54
F29	12 Aug 2015	95	11.28	88.78	5.1	33.51	8.0	25.6	0.52
F29	12 Aug 2015	96	11.26	88.36	5.1	33.52	8.0	25.6	0.50
F29	12 Aug 2015	97	11.26	87.69	5.0	33.53	8.0	25.6	0.48
F29	12 Aug 2015	98	11.25	87.34	5.0	33.53	8.0	25.6	0.51
F30	12 Aug 2015	1	21.84	89.10	7.2	33.46	8.3	23.1	0.18
F30	12 Aug 2015	2	21.83	89.65	7.2	33.48	8.3	23.1	0.17
F30	12 Aug 2015	3	21.82	90.15	7.2	33.48	8.3	23.1	0.18
F30	12 Aug 2015	4	21.80	90.25	7.2	33.48	8.3	23.1	0.18
F30	12 Aug 2015	5	21.75	90.20	7.2	33.48	8.3	23.1	0.19
F30	12 Aug 2015	6	21.70	90.19	7.2	33.48	8.3	23.1	0.19
F30	12 Aug 2015	7	21.59	90.22	7.1	33.44	8.3	23.1	0.18
F30	12 Aug 2015	8	20.50	90.44	7.5	33.37	8.3	23.4	0.17
F30	12 Aug 2015	9	20.01	90.59	7.7	33.41	8.3	23.5	0.17
F30	12 Aug 2015	10	19.80	90.54	7.7	33.40	8.3	23.6	0.18
F30	12 Aug 2015	11	19.63	90.53	7.7	33.37	8.3	23.6	0.18
F30	12 Aug 2015	12	19.19	90.48	7.9	33.37	8.3	23.7	0.18
F30	12 Aug 2015	13	18.86	90.44	7.9	33.34	8.3	23.8	0.19
F30	12 Aug 2015	14	18.33	90.39	8.1	33.32	8.3	23.9	0.19
F30	12 Aug 2015	15	18.00	90.30	8.2	33.33	8.3	24.0	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F30	12 Aug 2015	16	17.91	90.26	8.2	33.33	8.3	24.0	0.21
F30	12 Aug 2015	17	17.85	90.22	8.2	33.32	8.3	24.0	0.22
F30	12 Aug 2015	18	17.69	90.17	8.2	33.32	8.3	24.1	0.23
F30	12 Aug 2015	19	17.55	89.98	8.2	33.32	8.3	24.1	0.25
F30	12 Aug 2015	20	17.51	89.88	8.2	33.32	8.3	24.1	0.27
F30	12 Aug 2015	21	17.45	89.75	8.3	33.32	8.3	24.1	0.29
F30	12 Aug 2015	22	17.32	89.59	8.3	33.31	8.3	24.1	0.35
F30	12 Aug 2015	23	16.91	88.98	8.3	33.25	8.3	24.2	0.43
F30	12 Aug 2015	24	16.26	88.68	8.5	33.28	8.3	24.4	0.47
F30	12 Aug 2015	25	16.11	88.67	8.5	33.28	8.3	24.4	0.52
F30	12 Aug 2015	26	16.03	88.19	8.6	33.29	8.3	24.4	0.57
F30	12 Aug 2015	27	15.95	88.07	8.5	33.28	8.3	24.4	0.66
F30	12 Aug 2015	28	15.66	87.39	8.4	33.23	8.3	24.5	0.90
F30	12 Aug 2015	29	14.87	86.94	8.3	33.22	8.3	24.6	1.22
F30	12 Aug 2015	30	14.30	86.89	8.2	33.22	8.3	24.7	1.58
F30	12 Aug 2015	31	14.22	86.86	8.2	33.22	8.2	24.8	1.79
F30	12 Aug 2015	32	14.19	87.13	8.2	33.23	8.2	24.8	1.96
F30	12 Aug 2015	33	14.16	87.14	8.1	33.23	8.2	24.8	2.11
F30	12 Aug 2015	34	14.10	87.22	8.1	33.23	8.2	24.8	2.23
F30	12 Aug 2015	35	14.04	87.21	8.0	33.23	8.2	24.8	2.36
F30	12 Aug 2015	36	14.00	87.36	8.0	33.23	8.2	24.8	2.48
F30	12 Aug 2015	37	13.93	87.45	7.9	33.23	8.2	24.8	2.52
F30	12 Aug 2015	38	13.85	88.09	7.8	33.24	8.2	24.9	2.60
F30	12 Aug 2015	39	13.81	87.89	7.8	33.25	8.2	24.9	2.70
F30	12 Aug 2015	40	13.79	87.85	7.8	33.25	8.2	24.9	2.76
F30	12 Aug 2015	41	13.77	87.90	7.8	33.25	8.2	24.9	2.83
F30	12 Aug 2015	42	13.74	87.71	7.7	33.25	8.2	24.9	2.80
F30	12 Aug 2015	43	13.61	88.00	7.5	33.23	8.2	24.9	2.70
F30	12 Aug 2015	44	13.21	88.14	7.3	33.21	8.2	25.0	2.44
F30	12 Aug 2015	45	12.73	88.94	7.2	33.19	8.2	25.0	2.10
F30	12 Aug 2015	46	12.48	89.04	7.2	33.17	8.2	25.1	1.89
F30	12 Aug 2015	47	12.34	89.47	7.2	33.17	8.2	25.1	1.77
F30	12 Aug 2015	48	12.26	89.66	7.2	33.17	8.2	25.1	1.74
F30	12 Aug 2015	49	12.23	89.88	7.1	33.17	8.2	25.1	1.70
F30	12 Aug 2015	50	12.16	89.54	7.0	33.19	8.2	25.2	1.62
F30	12 Aug 2015	51	12.11	89.92	7.0	33.20	8.2	25.2	1.58
F30	12 Aug 2015	52	12.05	89.80	6.9	33.21	8.2	25.2	1.50
F30	12 Aug 2015	53	12.04	90.10	6.9	33.21	8.1	25.2	1.46
F30	12 Aug 2015	54	12.02	89.61	6.8	33.23	8.1	25.2	1.40
F30	12 Aug 2015	55	11.97	89.84	6.6	33.27	8.1	25.3	1.31
F30	12 Aug 2015	56	11.95	90.19	6.4	33.32	8.1	25.3	1.28
F30	12 Aug 2015	57	12.04	89.67	6.0	33.39	8.1	25.3	1.26
F30	12 Aug 2015	58	12.03	89.50	5.9	33.39	8.1	25.3	1.25
F30	12 Aug 2015	59	12.00	89.65	6.0	33.39	8.1	25.3	1.20
F30	12 Aug 2015	60	11.98	89.09	6.0	33.40	8.1	25.4	1.21
F30	12 Aug 2015	61	11.96	89.52	5.9	33.40	8.1	25.4	1.16
F30	12 Aug 2015	62	11.95	89.52	5.9	33.40	8.1	25.4	1.09
F30	12 Aug 2015	63	11.76	89.11	5.7	33.35	8.1	25.4	0.87
F30	12 Aug 2015	64	11.54	88.10	5.5	33.35	8.0	25.4	0.66
F30	12 Aug 2015	65	11.52	87.56	5.4	33.37	8.0	25.4	0.60
F30	12 Aug 2015	66	11.50	87.46	5.4	33.38	8.0	25.4	0.60
F30	12 Aug 2015	67	11.47	87.06	5.4	33.39	8.0	25.4	0.60
F30	12 Aug 2015	68	11.44	87.12	5.3	33.40	8.0	25.4	0.58
F30	12 Aug 2015	69	11.42	86.96	5.3	33.41	8.0	25.5	0.56
F30	12 Aug 2015	70	11.42	87.27	5.3	33.41	8.0	25.5	0.57
F30	12 Aug 2015	71	11.42	87.63	5.4	33.41	8.0	25.5	0.56
F30	12 Aug 2015	72	11.41	87.36	5.3	33.41	8.0	25.5	0.56

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F30	12 Aug 2015	73	11.39	87.41	5.3	33.41	8.0	25.5	0.54
F30	12 Aug 2015	74	11.38	87.25	5.3	33.41	8.0	25.5	0.55
F30	12 Aug 2015	75	11.37	86.93	5.3	33.41	8.0	25.5	0.54
F30	12 Aug 2015	76	11.37	87.18	5.3	33.41	8.0	25.5	0.53
F30	12 Aug 2015	77	11.37	87.15	5.3	33.42	8.0	25.5	0.54
F30	12 Aug 2015	78	11.38	87.47	5.3	33.42	8.0	25.5	0.55
F30	12 Aug 2015	79	11.37	87.52	5.3	33.42	8.0	25.5	0.55
F30	12 Aug 2015	80	11.36	87.66	5.3	33.43	8.0	25.5	0.55
F30	12 Aug 2015	81	11.36	87.68	5.3	33.44	8.0	25.5	0.56
F30	12 Aug 2015	82	11.37	88.25	5.3	33.44	8.0	25.5	0.55
F30	12 Aug 2015	83	11.34	88.04	5.3	33.45	8.0	25.5	0.56
F30	12 Aug 2015	84	11.39	88.54	5.3	33.48	8.0	25.5	0.59
F30	12 Aug 2015	85	11.41	89.33	5.4	33.48	8.0	25.5	0.61
F30	12 Aug 2015	86	11.39	89.29	5.4	33.48	8.0	25.5	0.61
F30	12 Aug 2015	87	11.38	88.58	5.3	33.48	8.0	25.5	0.60
F30	12 Aug 2015	88	11.35	89.06	5.3	33.48	8.0	25.5	0.58
F30	12 Aug 2015	89	11.35	88.75	5.3	33.49	8.0	25.5	0.58
F30	12 Aug 2015	90	11.34	88.77	5.3	33.49	8.0	25.5	0.57
F30	12 Aug 2015	91	11.33	88.54	5.3	33.49	8.0	25.5	0.56
F30	12 Aug 2015	92	11.32	88.65	5.3	33.49	8.0	25.5	0.56
F30	12 Aug 2015	93	11.31	88.49	5.2	33.50	8.0	25.5	0.55
F30	12 Aug 2015	94	11.31	88.80	5.2	33.50	8.0	25.6	0.54
F30	12 Aug 2015	95	11.30	88.56	5.2	33.50	8.0	25.6	0.53
F30	12 Aug 2015	96	11.28	88.76	5.2	33.51	8.0	25.6	0.53
F30	12 Aug 2015	97	11.25	88.32	5.1	33.52	8.0	25.6	0.50
F31	12 Aug 2015	1	21.71	89.34	7.3	33.47	8.3	23.1	0.20
F31	12 Aug 2015	2	21.69	89.46	7.2	33.47	8.3	23.1	0.20
F31	12 Aug 2015	3	21.67	89.53	7.3	33.47	8.3	23.1	0.20
F31	12 Aug 2015	4	21.63	89.66	7.3	33.47	8.3	23.2	0.20
F31	12 Aug 2015	5	21.60	89.73	7.2	33.47	8.3	23.2	0.20
F31	12 Aug 2015	6	21.34	90.02	7.2	33.42	8.3	23.2	0.19
F31	12 Aug 2015	7	20.53	90.34	7.5	33.42	8.3	23.4	0.18
F31	12 Aug 2015	8	20.24	90.45	7.6	33.41	8.3	23.5	0.19
F31	12 Aug 2015	9	20.02	90.39	7.7	33.41	8.3	23.5	0.18
F31	12 Aug 2015	10	19.84	90.39	7.7	33.39	8.3	23.6	0.19
F31	12 Aug 2015	11	19.40	90.34	7.8	33.37	8.3	23.7	0.20
F31	12 Aug 2015	12	18.95	90.31	7.9	33.36	8.3	23.8	0.19
F31	12 Aug 2015	13	18.59	90.25	8.0	33.33	8.3	23.8	0.20
F31	12 Aug 2015	14	18.09	90.12	8.1	33.31	8.3	24.0	0.22
F31	12 Aug 2015	15	17.77	90.05	8.2	33.32	8.3	24.0	0.22
F31	12 Aug 2015	16	17.69	90.05	8.2	33.31	8.3	24.1	0.22
F31	12 Aug 2015	17	17.53	89.96	8.2	33.31	8.3	24.1	0.25
F31	12 Aug 2015	18	17.37	89.77	8.3	33.32	8.3	24.1	0.27
F31	12 Aug 2015	19	17.35	89.63	8.3	33.32	8.3	24.1	0.28
F31	12 Aug 2015	20	17.32	89.57	8.3	33.31	8.3	24.1	0.31
F31	12 Aug 2015	21	17.13	89.29	8.4	33.31	8.3	24.2	0.39
F31	12 Aug 2015	22	16.62	88.54	8.4	33.28	8.3	24.3	0.46
F31	12 Aug 2015	23	16.10	88.43	8.5	33.27	8.3	24.4	0.52
F31	12 Aug 2015	24	15.94	88.32	8.6	33.29	8.3	24.4	0.58
F31	12 Aug 2015	25	15.87	88.19	8.5	33.29	8.3	24.5	0.64
F31	12 Aug 2015	26	15.84	88.17	8.6	33.28	8.3	24.5	0.70
F31	12 Aug 2015	27	15.74	88.09	8.4	33.28	8.3	24.5	0.83
F31	12 Aug 2015	28	15.15	87.44	8.4	33.22	8.3	24.6	1.19
F31	12 Aug 2015	29	14.43	86.97	8.3	33.22	8.3	24.7	1.55
F31	12 Aug 2015	30	14.24	87.02	8.2	33.22	8.2	24.8	1.84
F31	12 Aug 2015	31	14.10	87.03	8.1	33.23	8.2	24.8	2.08

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	12 Aug 2015	32	14.05	87.03	8.1	33.23	8.2	24.8	2.27
F31	12 Aug 2015	33	13.98	87.15	8.0	33.23	8.2	24.8	2.41
F31	12 Aug 2015	34	13.92	87.32	8.0	33.23	8.2	24.8	2.50
F31	12 Aug 2015	35	13.88	87.53	7.9	33.23	8.2	24.8	2.52
F31	12 Aug 2015	36	13.83	87.82	7.8	33.23	8.2	24.9	2.52
F31	12 Aug 2015	37	13.75	88.14	7.7	33.23	8.2	24.9	2.47
F31	12 Aug 2015	38	13.61	88.41	7.7	33.24	8.2	24.9	2.49
F31	12 Aug 2015	39	13.50	88.54	7.6	33.23	8.2	24.9	2.50
F31	12 Aug 2015	40	13.39	88.71	7.5	33.23	8.2	24.9	2.48
F31	12 Aug 2015	41	13.31	88.93	7.4	33.23	8.2	25.0	2.42
F31	12 Aug 2015	42	13.05	89.15	7.3	33.19	8.2	25.0	2.23
F31	12 Aug 2015	43	12.81	89.51	7.2	33.21	8.2	25.0	2.07
F31	12 Aug 2015	44	12.68	89.63	7.1	33.19	8.2	25.1	1.95
F31	12 Aug 2015	45	12.34	89.91	7.1	33.18	8.2	25.1	1.75
F31	12 Aug 2015	46	12.22	90.08	7.1	33.18	8.2	25.1	1.61
F31	12 Aug 2015	47	12.05	90.15	7.1	33.17	8.2	25.2	1.53
F31	12 Aug 2015	48	12.01	90.26	7.1	33.17	8.2	25.2	1.49
F31	12 Aug 2015	49	12.02	90.26	7.0	33.19	8.1	25.2	1.46
F31	12 Aug 2015	50	12.04	90.25	7.0	33.21	8.1	25.2	1.44
F31	12 Aug 2015	51	12.09	90.20	6.8	33.23	8.1	25.2	1.42
F31	12 Aug 2015	52	12.04	90.20	6.8	33.23	8.1	25.2	1.38
F31	12 Aug 2015	53	11.96	90.26	6.7	33.26	8.1	25.2	1.31
F31	12 Aug 2015	54	11.99	90.26	6.6	33.29	8.1	25.3	1.28
F31	12 Aug 2015	55	12.01	90.25	6.4	33.30	8.1	25.3	1.25
F31	12 Aug 2015	56	11.99	90.20	6.4	33.31	8.1	25.3	1.21
F31	12 Aug 2015	57	11.91	90.22	6.4	33.31	8.1	25.3	1.18
F31	12 Aug 2015	58	11.87	90.30	6.4	33.30	8.1	25.3	1.16
F31	12 Aug 2015	59	11.81	90.35	6.4	33.31	8.1	25.3	1.12
F31	12 Aug 2015	60	11.82	90.32	6.4	33.31	8.1	25.3	1.12
F31	12 Aug 2015	61	11.83	90.30	6.4	33.32	8.1	25.3	1.13
F31	12 Aug 2015	62	11.85	90.28	6.3	33.33	8.1	25.3	1.14
F31	12 Aug 2015	63	11.88	90.24	6.2	33.34	8.1	25.3	1.15
F31	12 Aug 2015	64	11.92	89.96	6.0	33.38	8.1	25.3	1.15
F31	12 Aug 2015	65	11.90	89.95	6.0	33.39	8.1	25.4	1.12
F31	12 Aug 2015	66	11.85	89.96	5.9	33.40	8.1	25.4	1.07
F31	12 Aug 2015	67	11.83	89.95	5.8	33.41	8.1	25.4	1.03
F31	12 Aug 2015	68	11.76	89.98	5.7	33.38	8.1	25.4	0.91
F31	12 Aug 2015	69	11.35	89.86	5.7	33.40	8.0	25.5	0.75
F31	12 Aug 2015	70	11.27	90.02	5.7	33.42	8.0	25.5	0.67
F31	12 Aug 2015	71	11.28	90.19	5.7	33.43	8.0	25.5	0.66
F31	12 Aug 2015	72	11.29	90.19	5.7	33.43	8.0	25.5	0.66
F31	12 Aug 2015	73	11.29	90.23	5.6	33.44	8.0	25.5	0.64
F31	12 Aug 2015	74	11.30	90.23	5.5	33.46	8.0	25.5	0.63
F31	12 Aug 2015	75	11.30	90.04	5.4	33.47	8.0	25.5	0.61
F31	12 Aug 2015	76	11.33	89.86	5.4	33.49	8.0	25.5	0.61
F31	12 Aug 2015	77	11.35	89.70	5.3	33.49	8.0	25.5	0.59
F31	12 Aug 2015	78	11.34	89.68	5.3	33.50	8.0	25.5	0.58
F31	12 Aug 2015	79	11.34	89.68	5.3	33.50	8.0	25.5	0.58
F31	12 Aug 2015	80	11.34	89.66	5.2	33.50	8.0	25.5	0.56
F31	12 Aug 2015	81	11.34	89.62	5.3	33.50	8.0	25.5	0.57
F31	12 Aug 2015	82	11.34	89.58	5.3	33.50	8.0	25.5	0.56
F31	12 Aug 2015	83	11.34	89.53	5.2	33.50	8.0	25.5	0.56
F31	12 Aug 2015	84	11.33	89.22	5.2	33.50	8.0	25.6	0.56
F31	12 Aug 2015	85	11.33	88.93	5.2	33.50	8.0	25.6	0.56
F31	12 Aug 2015	86	11.33	88.71	5.2	33.50	8.0	25.6	0.56
F31	12 Aug 2015	87	11.33	88.70	5.2	33.50	8.0	25.6	0.54
F31	12 Aug 2015	88	11.32	88.65	5.2	33.50	8.0	25.6	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F31	12 Aug 2015	89	11.32	88.63	5.2	33.50	8.0	25.6	0.55
F31	12 Aug 2015	90	11.32	88.64	5.2	33.50	8.0	25.6	0.55
F31	12 Aug 2015	91	11.32	88.91	5.2	33.50	8.0	25.6	0.55
F31	12 Aug 2015	92	11.32	89.31	5.2	33.51	8.0	25.6	0.55
F31	12 Aug 2015	93	11.32	89.38	5.2	33.51	8.0	25.6	0.54
F31	12 Aug 2015	94	11.30	89.46	5.2	33.51	8.0	25.6	0.53
F31	12 Aug 2015	95	11.26	89.36	5.1	33.52	8.0	25.6	0.51
F31	12 Aug 2015	96	11.22	87.92	5.1	33.52	8.0	25.6	0.49
F31	12 Aug 2015	97	11.22	87.34	5.1	33.52	8.0	25.6	0.50
F32	12 Aug 2015	1	21.62	89.17	7.3	33.45	8.3	23.1	0.25
F32	12 Aug 2015	2	21.59	89.20	7.3	33.45	8.3	23.2	0.26
F32	12 Aug 2015	3	21.59	89.22	7.3	33.45	8.3	23.2	0.26
F32	12 Aug 2015	4	21.58	89.27	7.3	33.45	8.3	23.2	0.27
F32	12 Aug 2015	5	21.57	89.31	7.3	33.45	8.3	23.2	0.28
F32	12 Aug 2015	6	21.55	89.36	7.3	33.45	8.3	23.2	0.27
F32	12 Aug 2015	7	21.41	89.60	7.3	33.45	8.3	23.2	0.24
F32	12 Aug 2015	8	21.02	90.09	7.3	33.42	8.3	23.3	0.21
F32	12 Aug 2015	9	20.35	90.44	7.6	33.42	8.3	23.5	0.20
F32	12 Aug 2015	10	20.22	90.49	7.6	33.41	8.3	23.5	0.21
F32	12 Aug 2015	11	19.83	90.44	7.7	33.38	8.3	23.6	0.21
F32	12 Aug 2015	12	19.24	90.47	7.8	33.34	8.3	23.7	0.21
F32	12 Aug 2015	13	18.64	90.41	8.0	33.33	8.3	23.8	0.23
F32	12 Aug 2015	14	18.09	90.07	8.2	33.29	8.3	23.9	0.25
F32	12 Aug 2015	15	17.77	90.01	8.2	33.31	8.3	24.0	0.25
F32	12 Aug 2015	16	17.65	90.11	8.3	33.31	8.3	24.1	0.25
F32	12 Aug 2015	17	17.58	90.19	8.2	33.31	8.3	24.1	0.25
F32	12 Aug 2015	18	17.48	90.14	8.2	33.31	8.3	24.1	0.26
F32	12 Aug 2015	19	17.31	90.03	8.2	33.31	8.3	24.1	0.30
F32	12 Aug 2015	20	17.18	89.74	8.3	33.31	8.3	24.2	0.34
F32	12 Aug 2015	21	17.03	89.54	8.3	33.29	8.3	24.2	0.44
F32	12 Aug 2015	22	16.72	88.75	8.5	33.30	8.3	24.3	0.55
F32	12 Aug 2015	23	16.42	88.53	8.4	33.28	8.3	24.3	0.61
F32	12 Aug 2015	24	16.03	88.54	8.5	33.28	8.3	24.4	0.65
F32	12 Aug 2015	25	15.86	88.57	8.5	33.28	8.3	24.5	0.70
F32	12 Aug 2015	26	15.77	88.42	8.5	33.28	8.3	24.5	0.81
F32	12 Aug 2015	27	15.74	88.33	8.5	33.28	8.3	24.5	0.89
F32	12 Aug 2015	28	15.65	88.23	8.5	33.27	8.3	24.5	1.00
F32	12 Aug 2015	29	15.26	87.84	8.5	33.25	8.3	24.6	1.26
F32	12 Aug 2015	30	14.82	87.61	8.4	33.24	8.3	24.7	1.56
F32	12 Aug 2015	31	14.30	87.51	8.2	33.20	8.2	24.7	2.07
F32	12 Aug 2015	32	14.14	87.48	8.1	33.22	8.2	24.8	2.37
F32	12 Aug 2015	33	14.08	87.48	8.1	33.22	8.2	24.8	2.48
F32	12 Aug 2015	34	14.01	87.87	8.0	33.22	8.2	24.8	2.57
F32	12 Aug 2015	35	13.92	87.91	7.9	33.23	8.2	24.8	2.58
F32	12 Aug 2015	36	13.84	88.22	7.8	33.23	8.2	24.9	2.60
F32	12 Aug 2015	37	13.68	88.42	7.6	33.24	8.2	24.9	2.62
F32	12 Aug 2015	38	13.57	88.68	7.5	33.25	8.2	24.9	2.62
F32	12 Aug 2015	39	13.53	88.85	7.6	33.25	8.2	24.9	2.64
F32	12 Aug 2015	40	13.47	88.84	7.5	33.25	8.2	24.9	2.60
F32	12 Aug 2015	41	13.32	89.05	7.4	33.24	8.2	25.0	2.44
F32	12 Aug 2015	42	13.19	89.27	7.4	33.22	8.2	25.0	2.31
F32	12 Aug 2015	43	13.06	89.46	7.3	33.22	8.2	25.0	2.18
F32	12 Aug 2015	44	12.91	89.60	7.3	33.20	8.2	25.0	2.09
F32	12 Aug 2015	45	12.63	89.80	7.2	33.18	8.2	25.1	1.90
F32	12 Aug 2015	46	12.32	90.09	7.1	33.17	8.2	25.1	1.75
F32	12 Aug 2015	47	12.25	90.27	7.1	33.17	8.1	25.1	1.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F32	12 Aug 2015	48	12.09	90.33	7.1	33.15	8.1	25.1	1.55
F32	12 Aug 2015	49	11.99	90.47	7.1	33.17	8.1	25.2	1.48
F32	12 Aug 2015	50	12.00	90.47	7.0	33.18	8.1	25.2	1.45
F32	12 Aug 2015	51	12.02	90.45	7.0	33.20	8.1	25.2	1.42
F32	12 Aug 2015	52	12.07	90.43	6.8	33.23	8.1	25.2	1.43
F32	12 Aug 2015	53	12.08	90.40	6.7	33.24	8.1	25.2	1.38
F32	12 Aug 2015	54	12.07	90.38	6.7	33.26	8.1	25.2	1.35
F32	12 Aug 2015	55	12.06	90.34	6.6	33.26	8.1	25.2	1.31
F32	12 Aug 2015	56	11.99	90.34	6.4	33.30	8.1	25.3	1.24
F32	12 Aug 2015	57	11.91	90.33	6.3	33.31	8.1	25.3	1.14
F32	12 Aug 2015	58	11.84	90.32	6.1	33.34	8.1	25.3	1.07
F32	12 Aug 2015	59	11.74	90.40	6.2	33.33	8.1	25.3	1.00
F32	12 Aug 2015	60	11.70	90.48	6.2	33.33	8.1	25.3	0.95
F32	12 Aug 2015	61	11.69	90.48	6.2	33.33	8.1	25.4	0.93
F32	12 Aug 2015	62	11.68	90.45	6.2	33.34	8.1	25.4	0.93
F32	12 Aug 2015	63	11.68	90.51	6.0	33.38	8.1	25.4	0.93
F32	12 Aug 2015	64	11.69	90.41	5.9	33.39	8.1	25.4	0.92
F32	12 Aug 2015	65	11.65	90.40	5.8	33.39	8.0	25.4	0.86
F32	12 Aug 2015	66	11.60	90.39	5.8	33.39	8.0	25.4	0.80
F32	12 Aug 2015	67	11.53	90.09	5.7	33.39	8.0	25.4	0.74
F32	12 Aug 2015	68	11.49	89.90	5.7	33.39	8.0	25.4	0.65
F32	12 Aug 2015	69	11.48	89.57	5.6	33.40	8.0	25.4	0.64
F32	12 Aug 2015	70	11.50	90.00	5.6	33.43	8.0	25.5	0.67
F32	12 Aug 2015	71	11.50	90.19	5.6	33.43	8.0	25.5	0.69
F32	12 Aug 2015	72	11.44	90.29	5.6	33.42	8.0	25.5	0.70
F32	12 Aug 2015	73	11.27	90.56	5.7	33.42	8.0	25.5	0.66
F32	12 Aug 2015	74	11.27	90.64	5.6	33.47	8.0	25.5	0.63
F32	12 Aug 2015	75	11.34	90.27	5.3	33.49	8.0	25.5	0.61
F32	12 Aug 2015	76	11.34	90.11	5.2	33.50	8.0	25.6	0.58
F32	12 Aug 2015	77	11.32	90.04	5.2	33.50	8.0	25.6	0.58
F32	12 Aug 2015	78	11.30	90.05	5.2	33.50	8.0	25.6	0.56
F32	12 Aug 2015	79	11.31	90.04	5.2	33.51	8.0	25.6	0.56
F32	12 Aug 2015	80	11.31	90.04	5.2	33.51	8.0	25.6	0.56
F32	12 Aug 2015	81	11.32	90.00	5.2	33.51	8.0	25.6	0.54
F32	12 Aug 2015	82	11.32	90.01	5.2	33.51	8.0	25.6	0.56
F32	12 Aug 2015	83	11.31	90.00	5.2	33.51	8.0	25.6	0.54
F32	12 Aug 2015	84	11.31	89.98	5.2	33.51	8.0	25.6	0.54
F32	12 Aug 2015	85	11.31	89.99	5.2	33.51	8.0	25.6	0.53
F32	12 Aug 2015	86	11.31	89.98	5.2	33.51	8.0	25.6	0.54
F32	12 Aug 2015	87	11.30	89.98	5.2	33.51	8.0	25.6	0.53
F32	12 Aug 2015	88	11.30	89.93	5.2	33.51	8.0	25.6	0.54
F32	12 Aug 2015	89	11.30	89.97	5.2	33.51	8.0	25.6	0.54
F32	12 Aug 2015	90	11.30	89.93	5.2	33.51	8.0	25.6	0.54
F32	12 Aug 2015	91	11.30	89.98	5.2	33.51	8.0	25.6	0.53
F32	12 Aug 2015	92	11.28	89.86	5.2	33.50	8.0	25.6	0.53
F32	12 Aug 2015	93	11.29	89.85	5.2	33.50	8.0	25.6	0.52
F32	12 Aug 2015	94	11.27	89.85	5.3	33.50	8.0	25.6	0.52
F32	12 Aug 2015	95	11.26	89.73	5.3	33.50	8.0	25.6	0.51
F32	12 Aug 2015	96	11.26	89.57	5.3	33.50	8.0	25.6	0.51
F32	12 Aug 2015	97	11.24	89.60	5.2	33.49	8.0	25.6	0.50
F32	12 Aug 2015	98	11.19	88.26	5.2	33.49	8.0	25.6	0.48
F33	12 Aug 2015	1	21.64	88.64	7.3	33.44	8.3	23.1	0.28
F33	12 Aug 2015	2	21.61	88.79	7.3	33.44	8.3	23.1	0.28
F33	12 Aug 2015	3	21.59	88.79	7.3	33.44	8.3	23.1	0.28
F33	12 Aug 2015	4	21.53	88.87	7.4	33.44	8.3	23.2	0.27
F33	12 Aug 2015	5	21.47	89.13	7.4	33.44	8.3	23.2	0.26

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F33	12 Aug 2015	6	21.39	89.41	7.4	33.45	8.3	23.2	0.24
F33	12 Aug 2015	7	21.34	89.72	7.4	33.45	8.3	23.2	0.23
F33	12 Aug 2015	8	21.31	90.00	7.4	33.46	8.3	23.2	0.21
F33	12 Aug 2015	9	21.28	90.09	7.3	33.46	8.3	23.2	0.21
F33	12 Aug 2015	10	21.17	90.17	7.4	33.45	8.3	23.3	0.22
F33	12 Aug 2015	11	20.78	90.21	7.4	33.41	8.3	23.3	0.22
F33	12 Aug 2015	12	19.86	90.21	7.7	33.36	8.3	23.6	0.23
F33	12 Aug 2015	13	19.30	90.17	7.8	33.36	8.3	23.7	0.23
F33	12 Aug 2015	14	18.93	90.13	8.0	33.34	8.3	23.8	0.26
F33	12 Aug 2015	15	18.46	89.76	8.2	33.31	8.3	23.9	0.30
F33	12 Aug 2015	16	18.00	89.14	8.3	33.29	8.3	24.0	0.32
F33	12 Aug 2015	17	17.57	89.30	8.4	33.31	8.3	24.1	0.32
F33	12 Aug 2015	18	17.35	89.36	8.4	33.30	8.3	24.1	0.34
F33	12 Aug 2015	19	17.20	89.19	8.4	33.30	8.3	24.2	0.38
F33	12 Aug 2015	20	17.08	89.07	8.5	33.31	8.3	24.2	0.40
F33	12 Aug 2015	21	17.04	89.14	8.4	33.31	8.3	24.2	0.43
F33	12 Aug 2015	22	16.82	88.98	8.4	33.30	8.3	24.3	0.50
F33	12 Aug 2015	23	16.54	88.85	8.4	33.28	8.3	24.3	0.56
F33	12 Aug 2015	24	16.17	88.62	8.5	33.28	8.3	24.4	0.64
F33	12 Aug 2015	25	15.87	88.50	8.5	33.28	8.3	24.5	0.74
F33	12 Aug 2015	26	15.76	88.31	8.5	33.28	8.3	24.5	0.84
F33	12 Aug 2015	27	15.67	88.12	8.5	33.28	8.3	24.5	0.95
F33	12 Aug 2015	28	15.65	88.01	8.5	33.28	8.3	24.5	1.00
F33	12 Aug 2015	29	15.60	87.95	8.5	33.28	8.3	24.5	1.08
F33	12 Aug 2015	30	15.48	87.64	8.5	33.27	8.3	24.5	1.23
F33	12 Aug 2015	31	15.38	87.63	8.5	33.27	8.3	24.6	1.35
F33	12 Aug 2015	32	14.92	87.33	8.4	33.23	8.3	24.6	1.86
F33	12 Aug 2015	33	14.43	86.38	8.4	33.24	8.3	24.7	2.34
F33	12 Aug 2015	34	14.11	86.53	8.1	33.22	8.2	24.8	2.61
F33	12 Aug 2015	35	13.73	87.11	7.7	33.21	8.2	24.9	2.65
F33	12 Aug 2015	36	13.53	87.90	7.7	33.22	8.2	24.9	2.57
F33	12 Aug 2015	37	13.44	88.26	7.6	33.22	8.2	24.9	2.49
F33	12 Aug 2015	38	13.35	88.54	7.6	33.22	8.2	24.9	2.41
F33	12 Aug 2015	39	13.29	88.75	7.5	33.22	8.2	25.0	2.34
F33	12 Aug 2015	40	13.20	88.90	7.4	33.22	8.2	25.0	2.26
F33	12 Aug 2015	41	13.03	89.25	7.3	33.21	8.2	25.0	2.10
F33	12 Aug 2015	42	12.93	89.55	7.3	33.22	8.2	25.0	2.00
F33	12 Aug 2015	43	12.86	89.70	7.2	33.21	8.2	25.0	1.89
F33	12 Aug 2015	44	12.76	89.81	7.2	33.20	8.2	25.0	1.82
F33	12 Aug 2015	45	12.62	89.98	7.2	33.19	8.2	25.1	1.73
F33	12 Aug 2015	46	12.37	90.17	7.1	33.17	8.2	25.1	1.61
F33	12 Aug 2015	47	12.26	90.28	7.1	33.18	8.1	25.1	1.58
F33	12 Aug 2015	48	12.18	90.32	7.1	33.18	8.1	25.1	1.50
F33	12 Aug 2015	49	12.07	90.40	7.0	33.18	8.1	25.2	1.44
F33	12 Aug 2015	50	12.05	90.37	7.0	33.19	8.1	25.2	1.39
F33	12 Aug 2015	51	12.06	90.48	7.0	33.19	8.1	25.2	1.36
F33	12 Aug 2015	52	12.04	90.47	7.0	33.19	8.1	25.2	1.36
F33	12 Aug 2015	53	12.00	90.51	6.9	33.20	8.1	25.2	1.30
F33	12 Aug 2015	54	11.97	90.49	6.6	33.25	8.1	25.2	1.25
F33	12 Aug 2015	55	11.91	90.48	6.4	33.30	8.1	25.3	1.17
F33	12 Aug 2015	56	11.76	90.50	6.2	33.32	8.1	25.3	1.07
F33	12 Aug 2015	57	11.70	90.57	6.1	33.35	8.1	25.4	0.99
F33	12 Aug 2015	58	11.68	90.56	6.0	33.37	8.1	25.4	0.91
F33	12 Aug 2015	59	11.62	90.11	5.8	33.37	8.0	25.4	0.81
F33	12 Aug 2015	60	11.55	89.96	5.8	33.36	8.0	25.4	0.74
F33	12 Aug 2015	61	11.49	89.88	5.7	33.37	8.0	25.4	0.67
F33	12 Aug 2015	62	11.46	89.41	5.6	33.37	8.0	25.4	0.60

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F33	12 Aug 2015	63	11.43	89.37	5.6	33.38	8.0	25.4	0.57
F33	12 Aug 2015	64	11.42	89.27	5.5	33.38	8.0	25.4	0.55
F33	12 Aug 2015	65	11.37	88.96	5.3	33.38	8.0	25.5	0.48
F33	12 Aug 2015	66	11.36	88.70	5.3	33.39	8.0	25.5	0.46
F33	12 Aug 2015	67	11.35	88.67	5.3	33.39	8.0	25.5	0.45
F33	12 Aug 2015	68	11.34	88.58	5.3	33.40	8.0	25.5	0.44
F33	12 Aug 2015	69	11.34	88.73	5.3	33.40	8.0	25.5	0.45
F33	12 Aug 2015	70	11.34	88.69	5.3	33.41	8.0	25.5	0.45
F33	12 Aug 2015	71	11.34	88.82	5.3	33.42	8.0	25.5	0.45
F33	12 Aug 2015	72	11.31	89.20	5.3	33.45	8.0	25.5	0.46
F33	12 Aug 2015	73	11.26	89.21	5.3	33.46	8.0	25.5	0.47
F33	12 Aug 2015	74	11.26	88.97	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	75	11.25	89.00	5.3	33.47	8.0	25.5	0.47
F33	12 Aug 2015	76	11.25	89.00	5.3	33.47	8.0	25.5	0.47
F33	12 Aug 2015	77	11.25	88.94	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	78	11.25	88.85	5.3	33.47	8.0	25.5	0.47
F33	12 Aug 2015	79	11.25	88.83	5.3	33.47	8.0	25.5	0.47
F33	12 Aug 2015	80	11.25	88.90	5.3	33.47	8.0	25.5	0.47
F33	12 Aug 2015	81	11.25	88.99	5.3	33.47	8.0	25.5	0.47
F33	12 Aug 2015	82	11.25	89.04	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	83	11.25	89.00	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	84	11.25	88.91	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	85	11.25	88.89	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	86	11.25	88.83	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	87	11.24	88.86	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	88	11.24	88.80	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	89	11.24	88.79	5.3	33.47	8.0	25.5	0.45
F33	12 Aug 2015	90	11.24	88.77	5.3	33.47	8.0	25.5	0.46
F33	12 Aug 2015	91	11.24	88.69	5.3	33.47	8.0	25.5	0.45
F33	12 Aug 2015	92	11.24	88.75	5.3	33.47	8.0	25.5	0.45
F33	12 Aug 2015	93	11.24	88.78	5.3	33.47	8.0	25.5	0.45
F33	12 Aug 2015	94	11.20	88.60	5.2	33.48	8.0	25.6	0.45
F33	12 Aug 2015	95	11.15	88.07	5.2	33.51	8.0	25.6	0.46
F33	12 Aug 2015	96	11.15	87.87	5.2	33.51	8.0	25.6	0.46
F33	12 Aug 2015	97	11.15	87.80	5.2	33.51	8.0	25.6	0.45
F33	12 Aug 2015	98	11.15	87.81	5.2	33.51	8.0	25.6	0.56
F34	12 Aug 2015	1	21.85	88.90	7.3	33.44	8.3	23.1	0.26
F34	12 Aug 2015	2	21.83	88.86	7.3	33.44	8.3	23.1	0.28
F34	12 Aug 2015	3	21.81	88.86	7.3	33.44	8.3	23.1	0.28
F34	12 Aug 2015	4	21.78	88.80	7.3	33.44	8.3	23.1	0.30
F34	12 Aug 2015	5	21.69	88.71	7.4	33.43	8.3	23.1	0.30
F34	12 Aug 2015	6	21.50	88.65	7.4	33.42	8.3	23.2	0.31
F34	12 Aug 2015	7	21.27	88.62	7.5	33.42	8.3	23.2	0.30
F34	12 Aug 2015	8	21.12	88.91	7.5	33.42	8.3	23.3	0.30
F34	12 Aug 2015	9	20.82	89.18	7.6	33.40	8.3	23.3	0.29
F34	12 Aug 2015	10	20.33	89.23	7.8	33.40	8.3	23.5	0.30
F34	12 Aug 2015	11	20.04	89.18	7.8	33.37	8.3	23.5	0.32
F34	12 Aug 2015	12	19.48	88.96	8.0	33.33	8.3	23.6	0.34
F34	12 Aug 2015	13	18.92	88.95	8.2	33.34	8.3	23.8	0.35
F34	12 Aug 2015	14	18.61	88.95	8.2	33.33	8.3	23.8	0.39
F34	12 Aug 2015	15	18.17	88.50	8.4	33.29	8.3	23.9	0.42
F34	12 Aug 2015	16	17.70	88.39	8.5	33.31	8.3	24.1	0.45
F34	12 Aug 2015	17	17.40	88.32	8.5	33.31	8.3	24.1	0.48
F34	12 Aug 2015	18	17.18	88.33	8.5	33.29	8.3	24.2	0.49
F34	12 Aug 2015	19	16.99	88.45	8.6	33.31	8.3	24.2	0.55
F34	12 Aug 2015	20	16.93	88.35	8.6	33.30	8.3	24.2	0.61

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F34	12 Aug 2015	21	16.80	88.21	8.6	33.30	8.3	24.3	0.69
F34	12 Aug 2015	22	16.40	87.82	8.5	33.28	8.3	24.3	0.82
F34	12 Aug 2015	23	15.87	87.66	8.5	33.28	8.3	24.5	0.93
F34	12 Aug 2015	24	15.80	87.66	8.6	33.28	8.3	24.5	1.00
F34	12 Aug 2015	25	15.75	87.68	8.5	33.28	8.3	24.5	1.07
F34	12 Aug 2015	26	15.62	87.65	8.5	33.28	8.3	24.5	1.18
F34	12 Aug 2015	27	15.57	87.60	8.5	33.28	8.3	24.5	1.23
F34	12 Aug 2015	28	15.56	87.62	8.5	33.28	8.3	24.5	1.26
F34	12 Aug 2015	29	15.54	87.63	8.5	33.28	8.3	24.5	1.29
F34	12 Aug 2015	30	15.51	87.60	8.5	33.28	8.3	24.5	1.37
F34	12 Aug 2015	31	15.31	87.44	8.5	33.27	8.3	24.6	1.53
F34	12 Aug 2015	32	15.11	87.40	8.5	33.26	8.3	24.6	1.75
F34	12 Aug 2015	33	14.89	87.05	8.4	33.26	8.3	24.7	2.01
F34	12 Aug 2015	34	14.65	86.74	8.3	33.23	8.3	24.7	2.42
F34	12 Aug 2015	35	14.08	86.24	8.1	33.23	8.2	24.8	2.78
F34	12 Aug 2015	36	13.92	86.73	8.0	33.23	8.2	24.8	2.83
F34	12 Aug 2015	37	13.75	87.03	7.9	33.23	8.2	24.9	2.85
F34	12 Aug 2015	38	13.61	87.20	7.7	33.22	8.2	24.9	2.76
F34	12 Aug 2015	39	13.48	87.81	7.6	33.23	8.2	24.9	2.59
F34	12 Aug 2015	40	13.41	88.08	7.5	33.22	8.2	24.9	2.48
F34	12 Aug 2015	41	13.24	88.45	7.4	33.22	8.2	25.0	2.39
F34	12 Aug 2015	42	13.12	88.85	7.4	33.22	8.2	25.0	2.24
F34	12 Aug 2015	43	13.00	89.14	7.3	33.21	8.2	25.0	2.06
F34	12 Aug 2015	44	12.81	89.53	7.3	33.20	8.2	25.0	1.96
F34	12 Aug 2015	45	12.71	89.70	7.2	33.19	8.2	25.0	1.82
F34	12 Aug 2015	46	12.47	89.93	7.2	33.17	8.2	25.1	1.72
F34	12 Aug 2015	47	12.32	90.16	7.2	33.18	8.1	25.1	1.62
F34	12 Aug 2015	48	12.25	90.24	7.1	33.17	8.1	25.1	1.55
F34	12 Aug 2015	49	12.16	90.29	7.1	33.17	8.1	25.1	1.51
F34	12 Aug 2015	50	12.13	90.32	7.1	33.18	8.1	25.1	1.48
F34	12 Aug 2015	51	12.06	90.36	7.1	33.17	8.1	25.2	1.43
F34	12 Aug 2015	52	12.00	90.42	7.0	33.17	8.1	25.2	1.38
F34	12 Aug 2015	53	11.95	90.48	7.0	33.17	8.1	25.2	1.35
F34	12 Aug 2015	54	11.91	90.51	6.9	33.18	8.1	25.2	1.29
F34	12 Aug 2015	55	11.82	90.56	6.8	33.22	8.1	25.2	1.22
F34	12 Aug 2015	56	11.81	90.58	6.7	33.24	8.1	25.3	1.15
F34	12 Aug 2015	57	11.75	90.59	6.4	33.28	8.1	25.3	1.08
F34	12 Aug 2015	58	11.68	90.59	6.2	33.33	8.1	25.3	1.02
F34	12 Aug 2015	59	11.70	90.44	6.0	33.37	8.1	25.4	0.95
F34	12 Aug 2015	60	11.62	90.37	5.8	33.38	8.0	25.4	0.82
F34	12 Aug 2015	61	11.45	89.87	5.5	33.39	8.0	25.4	0.67
F34	12 Aug 2015	62	11.37	89.45	5.4	33.40	8.0	25.5	0.53
F34	12 Aug 2015	63	11.34	89.06	5.3	33.41	8.0	25.5	0.49
F34	12 Aug 2015	64	11.34	89.15	5.4	33.41	8.0	25.5	0.47
F34	12 Aug 2015	65	11.33	89.09	5.4	33.41	8.0	25.5	0.46
F34	12 Aug 2015	66	11.34	89.15	5.4	33.42	8.0	25.5	0.45
F34	12 Aug 2015	67	11.34	89.32	5.4	33.43	8.0	25.5	0.49
F34	12 Aug 2015	68	11.33	89.38	5.4	33.43	8.0	25.5	0.47
F34	12 Aug 2015	69	11.31	89.31	5.3	33.43	8.0	25.5	0.45
F34	12 Aug 2015	70	11.31	89.40	5.4	33.45	8.0	25.5	0.49
F34	12 Aug 2015	71	11.30	89.78	5.4	33.46	8.0	25.5	0.52
F34	12 Aug 2015	72	11.28	90.07	5.4	33.47	8.0	25.5	0.53
F34	12 Aug 2015	73	11.27	90.16	5.4	33.48	8.0	25.5	0.53
F34	12 Aug 2015	74	11.26	90.28	5.4	33.48	8.0	25.5	0.53
F34	12 Aug 2015	75	11.24	90.27	5.4	33.48	8.0	25.5	0.53
F34	12 Aug 2015	76	11.22	90.32	5.4	33.48	8.0	25.6	0.52
F34	12 Aug 2015	77	11.23	90.33	5.4	33.49	8.0	25.6	0.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F34	12 Aug 2015	78	11.22	90.33	5.3	33.49	8.0	25.6	0.52
F34	12 Aug 2015	79	11.22	90.37	5.4	33.49	8.0	25.6	0.52
F34	12 Aug 2015	80	11.22	90.37	5.3	33.49	8.0	25.6	0.51
F34	12 Aug 2015	81	11.20	90.36	5.4	33.49	8.0	25.6	0.51
F34	12 Aug 2015	82	11.20	90.36	5.4	33.48	8.0	25.6	0.53
F34	12 Aug 2015	83	11.19	90.36	5.4	33.48	8.0	25.6	0.50
F34	12 Aug 2015	84	11.19	90.38	5.4	33.48	8.0	25.6	0.51
F34	12 Aug 2015	85	11.19	90.39	5.4	33.48	8.0	25.6	0.51
F34	12 Aug 2015	86	11.19	90.37	5.4	33.48	8.0	25.6	0.51
F34	12 Aug 2015	87	11.18	90.31	5.4	33.48	8.0	25.6	0.50
F34	12 Aug 2015	88	11.18	90.32	5.4	33.48	8.0	25.6	0.50
F34	12 Aug 2015	89	11.17	90.27	5.4	33.48	8.0	25.6	0.50
F34	12 Aug 2015	90	11.17	90.20	5.4	33.48	8.0	25.6	0.48
F34	12 Aug 2015	91	11.17	90.14	5.4	33.48	8.0	25.6	0.48
F34	12 Aug 2015	92	11.16	90.13	5.3	33.48	8.0	25.6	0.48
F34	12 Aug 2015	93	11.16	89.81	5.3	33.48	8.0	25.6	0.47
F34	12 Aug 2015	94	11.17	89.74	5.3	33.49	8.0	25.6	0.47
F34	12 Aug 2015	95	11.16	89.89	5.3	33.50	8.0	25.6	0.46
F34	12 Aug 2015	96	11.16	89.43	5.2	33.50	8.0	25.6	0.46
F34	12 Aug 2015	97	11.16	89.00	5.2	33.50	8.0	25.6	0.46
F34	12 Aug 2015	98	11.15	88.53	5.2	33.50	8.0	25.6	0.45
F35	12 Aug 2015	1	21.90	88.15	7.3	33.44	8.3	23.1	0.30
F35	12 Aug 2015	2	21.90	88.33	7.3	33.44	8.3	23.1	0.31
F35	12 Aug 2015	3	21.88	88.41	7.3	33.44	8.3	23.1	0.33
F35	12 Aug 2015	4	21.82	88.36	7.4	33.43	8.3	23.1	0.33
F35	12 Aug 2015	5	21.73	88.15	7.4	33.42	8.3	23.1	0.35
F35	12 Aug 2015	6	21.57	87.92	7.5	33.40	8.3	23.1	0.37
F35	12 Aug 2015	7	21.45	87.72	7.7	33.39	8.3	23.2	0.39
F35	12 Aug 2015	8	21.30	87.30	7.8	33.38	8.3	23.2	0.42
F35	12 Aug 2015	9	21.08	86.92	7.8	33.35	8.3	23.2	0.47
F35	12 Aug 2015	10	20.59	86.50	8.0	33.34	8.3	23.3	0.51
F35	12 Aug 2015	11	19.53	86.98	8.3	33.32	8.3	23.6	0.53
F35	12 Aug 2015	12	18.85	87.24	8.5	33.31	8.3	23.8	0.54
F35	12 Aug 2015	13	18.29	87.38	8.6	33.30	8.3	23.9	0.58
F35	12 Aug 2015	14	17.90	87.17	8.7	33.30	8.3	24.0	0.62
F35	12 Aug 2015	15	17.71	87.18	8.6	33.30	8.3	24.0	0.65
F35	12 Aug 2015	16	17.35	87.36	8.6	33.30	8.3	24.1	0.66
F35	12 Aug 2015	17	17.11	87.59	8.6	33.29	8.3	24.2	0.67
F35	12 Aug 2015	18	16.91	87.72	8.6	33.30	8.3	24.2	0.69
F35	12 Aug 2015	19	16.82	87.75	8.6	33.30	8.3	24.3	0.76
F35	12 Aug 2015	20	16.73	87.53	8.6	33.30	8.3	24.3	0.89
F35	12 Aug 2015	21	16.29	87.10	8.6	33.27	8.3	24.4	1.03
F35	12 Aug 2015	22	15.98	87.07	8.5	33.28	8.3	24.4	1.11
F35	12 Aug 2015	23	15.83	87.22	8.6	33.28	8.3	24.5	1.13
F35	12 Aug 2015	24	15.77	87.32	8.6	33.28	8.3	24.5	1.16
F35	12 Aug 2015	25	15.71	87.40	8.5	33.28	8.3	24.5	1.23
F35	12 Aug 2015	26	15.65	87.42	8.5	33.28	8.3	24.5	1.25
F35	12 Aug 2015	27	15.59	87.48	8.5	33.28	8.3	24.5	1.30
F35	12 Aug 2015	28	15.54	87.51	8.5	33.28	8.3	24.5	1.34
F35	12 Aug 2015	29	15.45	87.43	8.5	33.28	8.3	24.5	1.45
F35	12 Aug 2015	30	15.36	87.20	8.5	33.28	8.3	24.6	1.59
F35	12 Aug 2015	31	15.26	86.92	8.5	33.27	8.3	24.6	1.75
F35	12 Aug 2015	32	15.02	86.55	8.4	33.25	8.3	24.6	2.05
F35	12 Aug 2015	33	14.49	85.91	8.4	33.24	8.3	24.7	2.35
F35	12 Aug 2015	34	14.35	85.73	8.5	33.25	8.2	24.8	2.51
F35	12 Aug 2015	35	14.23	85.76	8.4	33.24	8.2	24.8	2.76

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F35	12 Aug 2015	36	14.08	85.79	8.2	33.24	8.2	24.8	2.97
F35	12 Aug 2015	37	13.98	86.01	8.1	33.24	8.2	24.8	2.99
F35	12 Aug 2015	38	13.93	86.25	8.1	33.24	8.2	24.8	2.99
F35	12 Aug 2015	39	13.80	86.45	7.9	33.23	8.2	24.9	2.90
F35	12 Aug 2015	40	13.70	86.84	7.8	33.23	8.2	24.9	2.81
F35	12 Aug 2015	41	13.67	87.05	7.8	33.24	8.2	24.9	2.77
F35	12 Aug 2015	42	13.59	87.21	7.7	33.23	8.2	24.9	2.67
F35	12 Aug 2015	43	13.49	87.48	7.6	33.23	8.2	24.9	2.46
F35	12 Aug 2015	44	13.29	88.13	7.4	33.23	8.2	25.0	2.27
F35	12 Aug 2015	45	13.24	88.58	7.4	33.23	8.2	25.0	2.10
F35	12 Aug 2015	46	13.08	88.95	7.3	33.22	8.2	25.0	1.95
F35	12 Aug 2015	47	12.88	89.30	7.2	33.22	8.2	25.0	1.79
F35	12 Aug 2015	48	12.75	89.63	7.1	33.21	8.2	25.1	1.66
F35	12 Aug 2015	49	12.55	89.87	7.1	33.20	8.1	25.1	1.59
F35	12 Aug 2015	50	12.45	90.02	7.1	33.20	8.1	25.1	1.53
F35	12 Aug 2015	51	12.37	90.08	7.1	33.19	8.1	25.1	1.48
F35	12 Aug 2015	52	12.30	90.12	7.0	33.17	8.1	25.1	1.44
F35	12 Aug 2015	53	11.96	90.20	7.0	33.14	8.1	25.2	1.33
F35	12 Aug 2015	54	11.75	90.43	7.0	33.16	8.1	25.2	1.25
F35	12 Aug 2015	55	11.71	90.50	7.0	33.16	8.1	25.2	1.20
F35	12 Aug 2015	56	11.69	90.52	7.0	33.16	8.1	25.2	1.18
F35	12 Aug 2015	57	11.66	90.56	6.9	33.17	8.1	25.2	1.12
F35	12 Aug 2015	58	11.56	90.63	6.8	33.20	8.1	25.3	1.05
F35	12 Aug 2015	59	11.52	90.69	6.7	33.23	8.1	25.3	0.98
F35	12 Aug 2015	60	11.53	90.69	6.5	33.29	8.1	25.3	0.97
F35	12 Aug 2015	61	11.62	90.58	6.1	33.35	8.1	25.4	0.94
F35	12 Aug 2015	62	11.63	90.46	6.1	33.35	8.1	25.4	0.91
F35	12 Aug 2015	63	11.51	90.51	6.0	33.36	8.1	25.4	0.84
F35	12 Aug 2015	64	11.28	90.61	6.0	33.37	8.0	25.5	0.74
F35	12 Aug 2015	65	11.20	90.72	6.1	33.37	8.0	25.5	0.69
F35	12 Aug 2015	66	11.15	90.82	6.1	33.36	8.0	25.5	0.65
F35	12 Aug 2015	67	11.11	90.84	6.1	33.36	8.0	25.5	0.64
F35	12 Aug 2015	68	11.08	90.88	6.1	33.36	8.0	25.5	0.63
F35	12 Aug 2015	69	11.04	90.90	6.0	33.38	8.0	25.5	0.60
F35	12 Aug 2015	70	11.05	90.85	5.9	33.39	8.0	25.5	0.58
F35	12 Aug 2015	71	11.06	90.82	5.8	33.40	8.0	25.5	0.56
F35	12 Aug 2015	72	11.07	90.78	5.8	33.41	8.0	25.5	0.55
F35	12 Aug 2015	73	11.08	90.75	5.8	33.42	8.0	25.5	0.55
F35	12 Aug 2015	74	11.08	90.74	5.8	33.42	8.0	25.5	0.55
F35	12 Aug 2015	75	11.11	90.72	5.7	33.44	8.0	25.5	0.55
F35	12 Aug 2015	76	11.15	90.61	5.6	33.45	8.0	25.5	0.53
F35	12 Aug 2015	77	11.16	90.56	5.5	33.46	8.0	25.5	0.53
F35	12 Aug 2015	78	11.16	90.55	5.5	33.46	8.0	25.5	0.53
F35	12 Aug 2015	79	11.16	90.54	5.5	33.46	8.0	25.5	0.52
F35	12 Aug 2015	80	11.18	90.52	5.5	33.48	8.0	25.6	0.51
F35	12 Aug 2015	81	11.19	90.41	5.4	33.48	8.0	25.6	0.52
F35	12 Aug 2015	82	11.18	90.40	5.4	33.49	8.0	25.6	0.50
F35	12 Aug 2015	83	11.17	90.38	5.3	33.50	8.0	25.6	0.49
F35	12 Aug 2015	84	11.16	90.21	5.2	33.50	8.0	25.6	0.47
F35	12 Aug 2015	85	11.15	89.58	5.2	33.51	8.0	25.6	0.47
F35	12 Aug 2015	86	11.15	89.31	5.2	33.50	8.0	25.6	0.46
F35	12 Aug 2015	87	11.15	89.03	5.2	33.50	8.0	25.6	0.46
F35	12 Aug 2015	88	11.15	88.90	5.2	33.50	8.0	25.6	0.45
F35	12 Aug 2015	89	11.15	88.82	5.2	33.50	8.0	25.6	0.44
F35	12 Aug 2015	90	11.15	88.78	5.2	33.50	8.0	25.6	0.44
F35	12 Aug 2015	91	11.15	88.67	5.2	33.50	8.0	25.6	0.44
F35	12 Aug 2015	92	11.15	88.57	5.2	33.50	8.0	25.6	0.44

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F35	12 Aug 2015	93	11.15	88.46	5.2	33.50	8.0	25.6	0.44
F35	12 Aug 2015	94	11.15	88.25	5.2	33.50	8.0	25.6	0.46
F35	12 Aug 2015	95	11.15	88.22	5.2	33.50	8.0	25.6	0.45
F35	12 Aug 2015	96	11.15	88.20	5.2	33.50	8.0	25.6	0.44
F35	12 Aug 2015	97	11.15	88.05	5.2	33.50	8.0	25.6	0.44
F35	12 Aug 2015	98	11.15	88.01	5.2	33.50	8.0	25.6	0.45
F36	12 Aug 2015	1	21.87	87.83	7.3	33.43	8.2	23.1	0.36
F36	12 Aug 2015	2	21.86	87.86	7.4	33.43	8.2	23.1	0.37
F36	12 Aug 2015	3	21.86	87.93	7.4	33.43	8.2	23.1	0.39
F36	12 Aug 2015	4	21.85	87.90	7.4	33.43	8.2	23.1	0.43
F36	12 Aug 2015	5	21.85	87.82	7.4	33.43	8.2	23.1	0.45
F36	12 Aug 2015	6	21.84	87.81	7.4	33.43	8.2	23.1	0.45
F36	12 Aug 2015	7	21.83	87.83	7.4	33.43	8.2	23.1	0.44
F36	12 Aug 2015	8	21.74	87.83	7.5	33.41	8.2	23.1	0.45
F36	12 Aug 2015	9	21.37	87.73	7.7	33.38	8.2	23.2	0.45
F36	12 Aug 2015	10	20.93	87.56	7.9	33.38	8.2	23.3	0.48
F36	12 Aug 2015	11	20.50	87.31	8.0	33.35	8.2	23.4	0.52
F36	12 Aug 2015	12	20.17	87.17	8.1	33.37	8.2	23.5	0.56
F36	12 Aug 2015	13	19.91	87.23	8.2	33.35	8.2	23.5	0.58
F36	12 Aug 2015	14	19.51	87.31	8.1	33.33	8.2	23.6	0.61
F36	12 Aug 2015	15	18.26	87.42	8.5	33.27	8.2	23.9	0.64
F36	12 Aug 2015	16	17.59	87.37	8.6	33.29	8.2	24.1	0.66
F36	12 Aug 2015	17	16.92	87.11	8.8	33.29	8.2	24.2	0.74
F36	12 Aug 2015	18	16.76	86.84	8.7	33.28	8.2	24.3	0.85
F36	12 Aug 2015	19	16.40	86.72	8.6	33.23	8.2	24.3	1.05
F36	12 Aug 2015	20	15.61	86.49	8.6	33.25	8.2	24.5	1.24
F36	12 Aug 2015	21	15.46	86.54	8.6	33.27	8.2	24.5	1.39
F36	12 Aug 2015	22	15.44	86.52	8.6	33.27	8.2	24.5	1.48
F36	12 Aug 2015	23	15.42	86.53	8.6	33.27	8.2	24.5	1.52
F36	12 Aug 2015	24	15.40	86.57	8.6	33.28	8.2	24.6	1.59
F36	12 Aug 2015	25	15.38	86.62	8.5	33.28	8.2	24.6	1.61
F36	12 Aug 2015	26	15.37	86.67	8.5	33.28	8.2	24.6	1.64
F36	12 Aug 2015	27	15.36	86.71	8.5	33.28	8.2	24.6	1.65
F36	12 Aug 2015	28	15.35	86.75	8.5	33.28	8.2	24.6	1.64
F36	12 Aug 2015	29	15.34	86.76	8.5	33.28	8.2	24.6	1.64
F36	12 Aug 2015	30	15.35	86.79	8.5	33.28	8.2	24.6	1.67
F36	12 Aug 2015	31	15.34	86.76	8.5	33.28	8.2	24.6	1.66
F36	12 Aug 2015	32	15.31	86.78	8.5	33.28	8.2	24.6	1.69
F36	12 Aug 2015	33	15.24	86.78	8.5	33.28	8.2	24.6	1.76
F36	12 Aug 2015	34	15.13	86.57	8.4	33.27	8.2	24.6	1.94
F36	12 Aug 2015	35	14.93	86.14	8.4	33.27	8.2	24.7	2.16
F36	12 Aug 2015	36	14.81	85.97	8.4	33.26	8.2	24.7	2.38
F36	12 Aug 2015	37	14.66	85.88	8.4	33.26	8.2	24.7	2.54
F36	12 Aug 2015	38	14.50	85.85	8.2	33.25	8.2	24.7	2.74
F36	12 Aug 2015	39	14.17	85.76	8.1	33.23	8.2	24.8	2.87
F36	12 Aug 2015	40	13.91	86.05	8.1	33.25	8.2	24.9	2.92
F36	12 Aug 2015	41	13.87	86.11	8.0	33.25	8.2	24.9	2.92
F36	12 Aug 2015	42	13.82	86.37	8.0	33.24	8.2	24.9	2.91
F36	12 Aug 2015	43	13.73	86.53	7.9	33.24	8.2	24.9	2.82
F36	12 Aug 2015	44	13.61	86.84	7.8	33.24	8.2	24.9	2.73
F36	12 Aug 2015	45	13.55	87.02	7.7	33.24	8.2	24.9	2.60
F36	12 Aug 2015	46	13.30	87.44	7.4	33.23	8.1	25.0	2.28
F36	12 Aug 2015	47	13.15	88.37	7.3	33.23	8.1	25.0	2.11
F36	12 Aug 2015	48	13.06	88.67	7.3	33.23	8.1	25.0	1.98
F36	12 Aug 2015	49	12.99	88.85	7.3	33.22	8.1	25.0	1.88
F36	12 Aug 2015	50	12.85	89.08	7.2	33.21	8.1	25.0	1.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (µg/L)
F36	12 Aug 2015	51	12.78	89.26	7.2	33.21	8.1	25.1	1.77
F36	12 Aug 2015	52	12.66	89.37	7.2	33.20	8.1	25.1	1.69
F36	12 Aug 2015	53	12.48	89.61	7.0	33.19	8.1	25.1	1.60
F36	12 Aug 2015	54	12.17	89.75	7.1	33.16	8.1	25.1	1.50
F36	12 Aug 2015	55	12.04	90.01	7.1	33.16	8.1	25.2	1.41
F36	12 Aug 2015	56	11.90	90.13	7.0	33.16	8.1	25.2	1.32
F36	12 Aug 2015	57	11.78	90.24	7.0	33.16	8.1	25.2	1.23
F36	12 Aug 2015	58	11.69	90.31	7.0	33.16	8.1	25.2	1.19
F36	12 Aug 2015	59	11.59	90.37	7.0	33.17	8.1	25.2	1.13
F36	12 Aug 2015	60	11.52	90.40	6.9	33.18	8.1	25.3	1.08
F36	12 Aug 2015	61	11.47	90.51	6.8	33.21	8.1	25.3	1.01
F36	12 Aug 2015	62	11.47	90.53	6.6	33.26	8.0	25.3	0.96
F36	12 Aug 2015	63	11.53	90.47	6.2	33.34	8.0	25.4	0.93
F36	12 Aug 2015	64	11.56	90.35	6.1	33.36	8.0	25.4	0.92
F36	12 Aug 2015	65	11.57	90.29	6.0	33.37	8.0	25.4	0.92
F36	12 Aug 2015	66	11.57	90.26	6.0	33.38	8.0	25.4	0.90
F36	12 Aug 2015	67	11.55	90.25	6.0	33.37	8.0	25.4	0.88
F36	12 Aug 2015	68	11.47	90.33	6.1	33.36	8.0	25.4	0.83
F36	12 Aug 2015	69	11.31	90.52	6.0	33.38	8.0	25.5	0.76
F36	12 Aug 2015	70	11.29	90.58	6.0	33.39	8.0	25.5	0.77
F36	12 Aug 2015	71	11.26	90.60	5.9	33.41	8.0	25.5	0.70
F36	12 Aug 2015	72	11.24	90.57	5.8	33.41	8.0	25.5	0.68
F36	12 Aug 2015	73	11.13	90.60	5.9	33.40	8.0	25.5	0.66
F36	12 Aug 2015	74	11.08	90.66	5.9	33.42	8.0	25.5	0.64
F36	12 Aug 2015	75	11.09	90.66	5.8	33.42	8.0	25.5	0.61
F36	12 Aug 2015	76	10.99	90.68	5.8	33.42	8.0	25.5	0.58
F36	12 Aug 2015	77	10.96	90.71	5.8	33.42	8.0	25.6	0.58
F36	12 Aug 2015	78	10.95	90.73	5.8	33.42	8.0	25.6	0.57
F36	12 Aug 2015	79	10.95	90.71	5.8	33.43	8.0	25.6	0.57
F36	12 Aug 2015	80	11.05	90.59	5.5	33.47	8.0	25.6	0.55
F36	12 Aug 2015	81	11.09	90.16	5.4	33.48	8.0	25.6	0.54
F36	12 Aug 2015	82	11.09	89.92	5.4	33.49	8.0	25.6	0.51
F36	12 Aug 2015	83	11.10	89.71	5.3	33.49	8.0	25.6	0.52
F36	12 Aug 2015	84	11.12	89.68	5.3	33.50	8.0	25.6	0.51
F36	12 Aug 2015	85	11.12	89.27	5.2	33.51	8.0	25.6	0.51
F36	12 Aug 2015	86	11.13	89.18	5.2	33.51	8.0	25.6	0.50
F36	12 Aug 2015	87	11.13	89.04	5.2	33.51	8.0	25.6	0.49
F36	12 Aug 2015	88	11.13	88.99	5.2	33.51	8.0	25.6	0.50
F36	12 Aug 2015	89	11.13	88.99	5.2	33.51	8.0	25.6	0.49
F36	12 Aug 2015	90	11.13	88.72	5.2	33.51	8.0	25.6	0.50
F36	12 Aug 2015	91	11.12	88.67	5.2	33.52	8.0	25.6	0.49
F36	12 Aug 2015	92	11.12	88.74	5.2	33.52	8.0	25.6	0.49
F36	12 Aug 2015	93	11.11	88.81	5.2	33.52	8.0	25.6	0.49
F36	12 Aug 2015	94	11.11	88.85	5.2	33.52	8.0	25.6	0.49
F36	12 Aug 2015	95	11.11	88.75	5.2	33.52	8.0	25.6	0.50
F36	12 Aug 2015	96	11.11	88.77	5.2	33.52	8.0	25.6	0.50
F36	12 Aug 2015	97	11.11	88.71	5.2	33.52	8.0	25.6	0.48
F36	12 Aug 2015	98	11.11	88.69	5.1	33.52	8.0	25.6	0.49
F36	12 Aug 2015	99	11.11	88.69	5.1	33.52	8.0	25.6	0.49

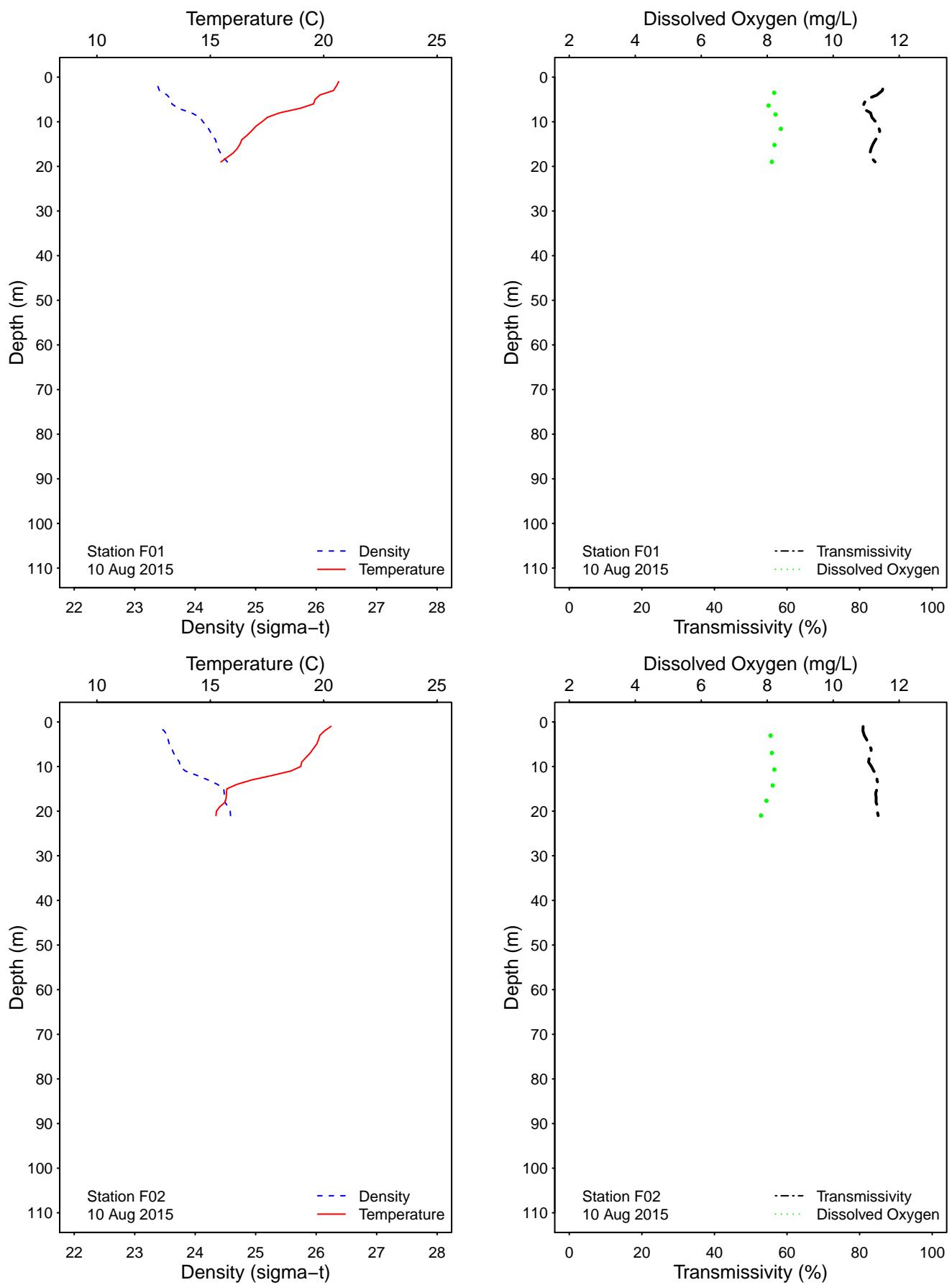


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

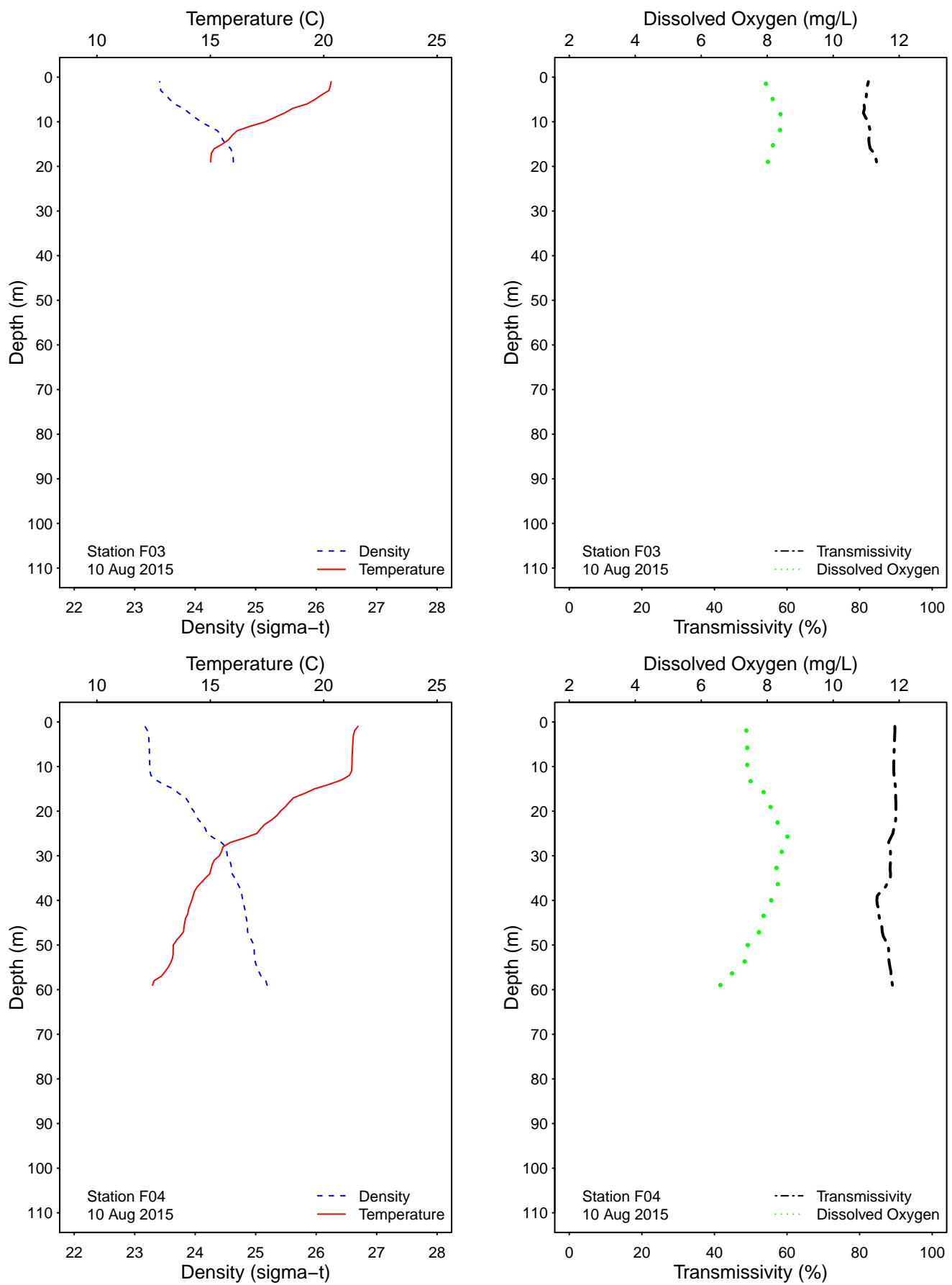


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

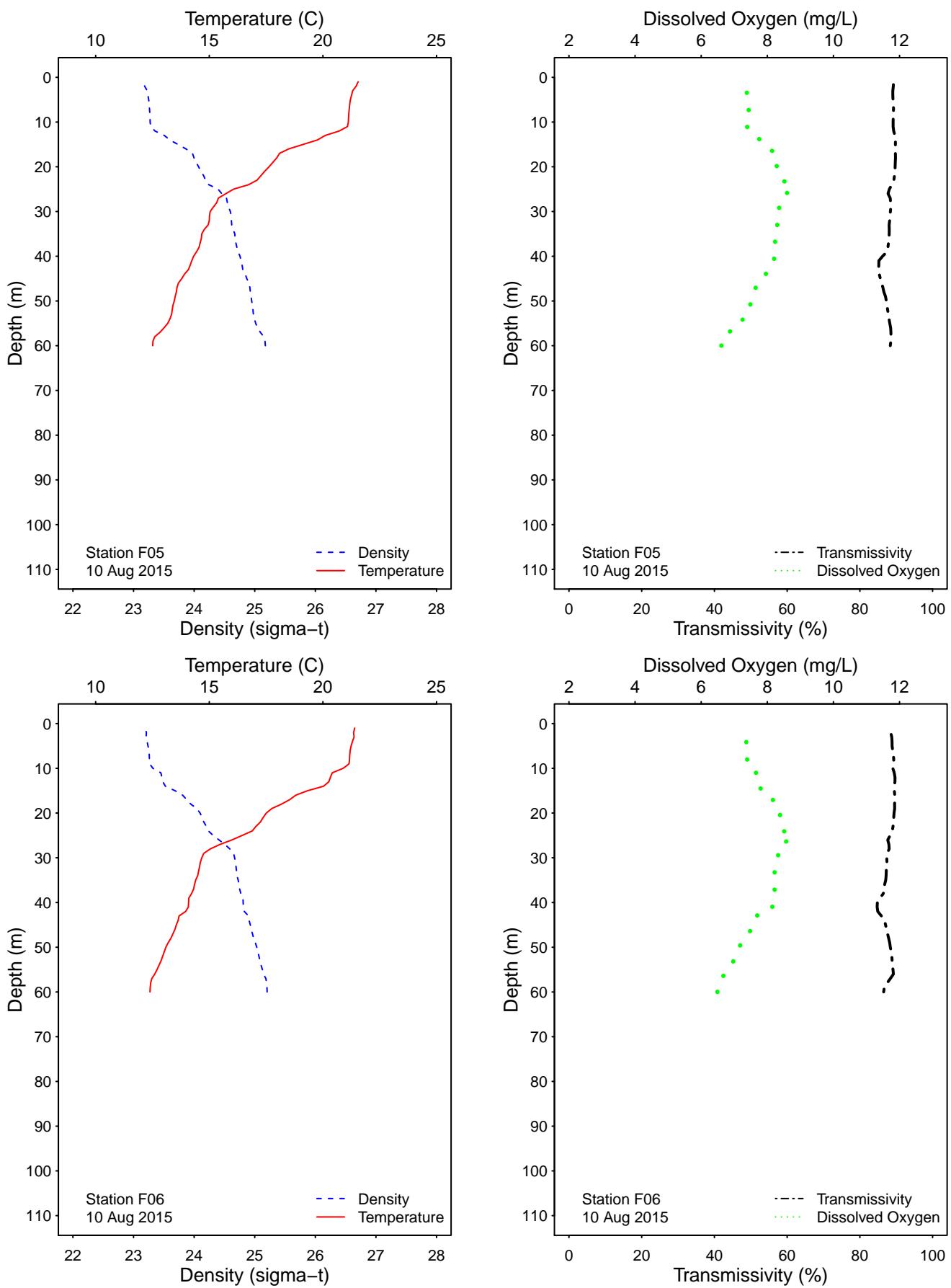


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

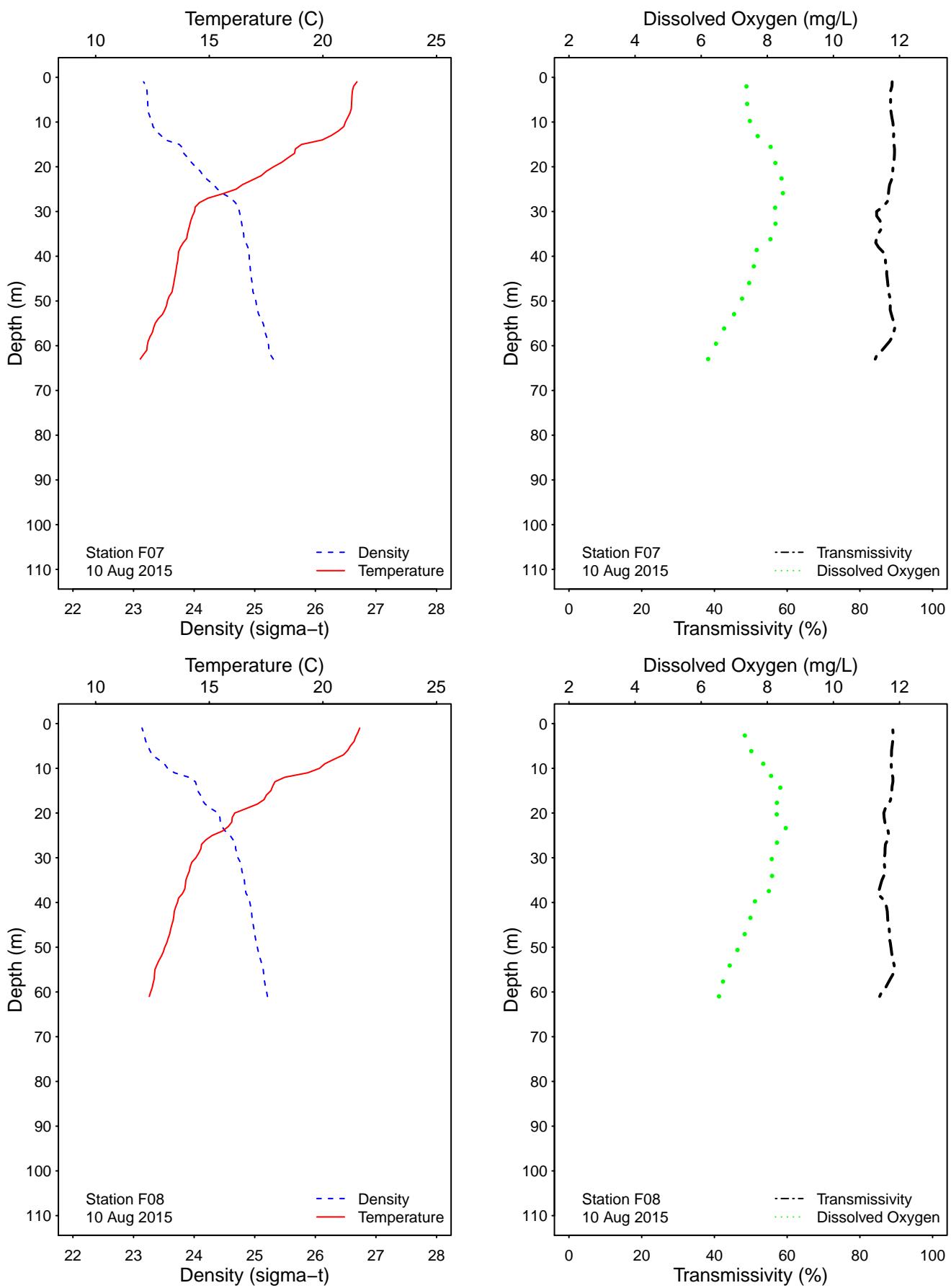


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

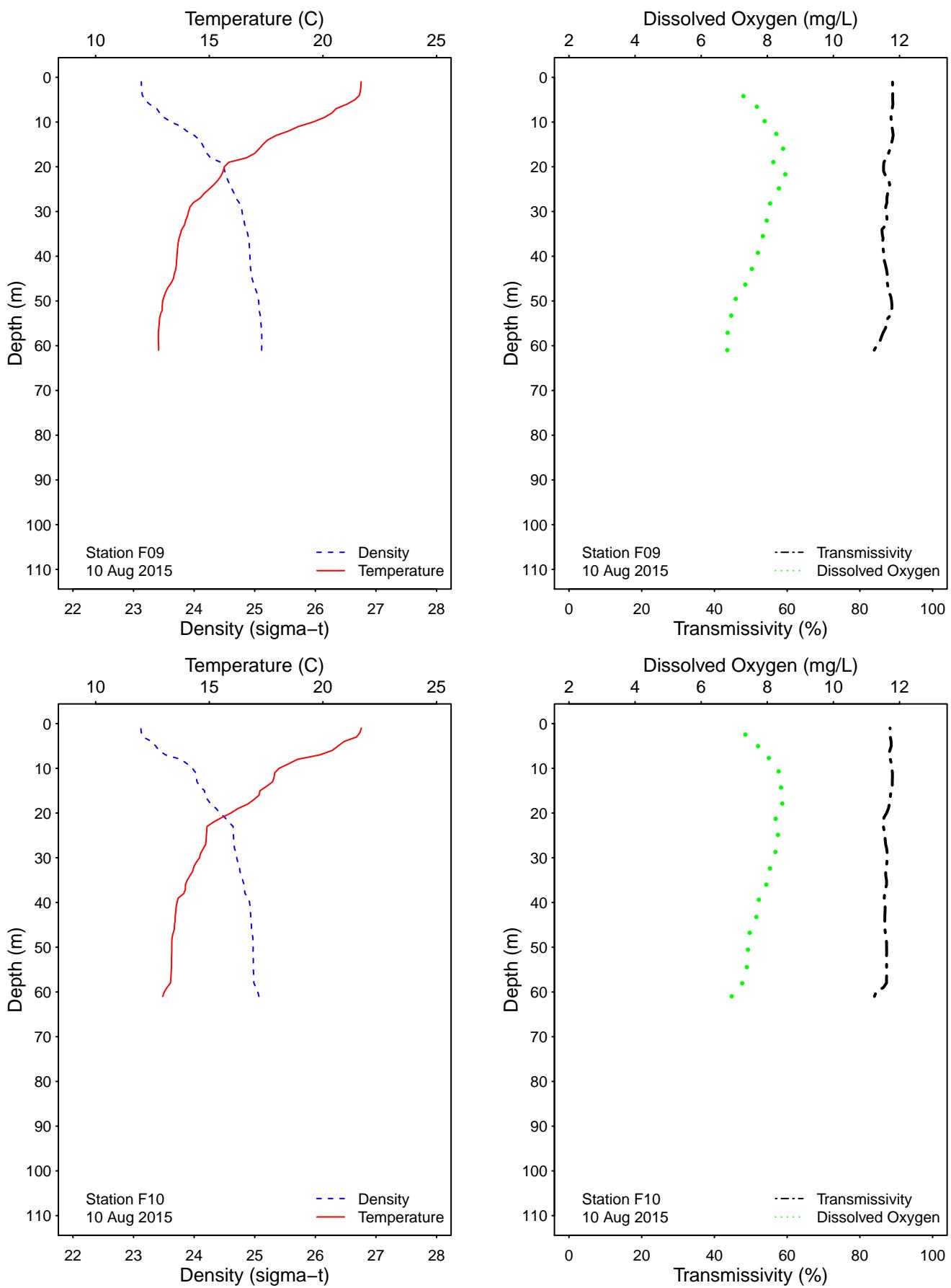


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

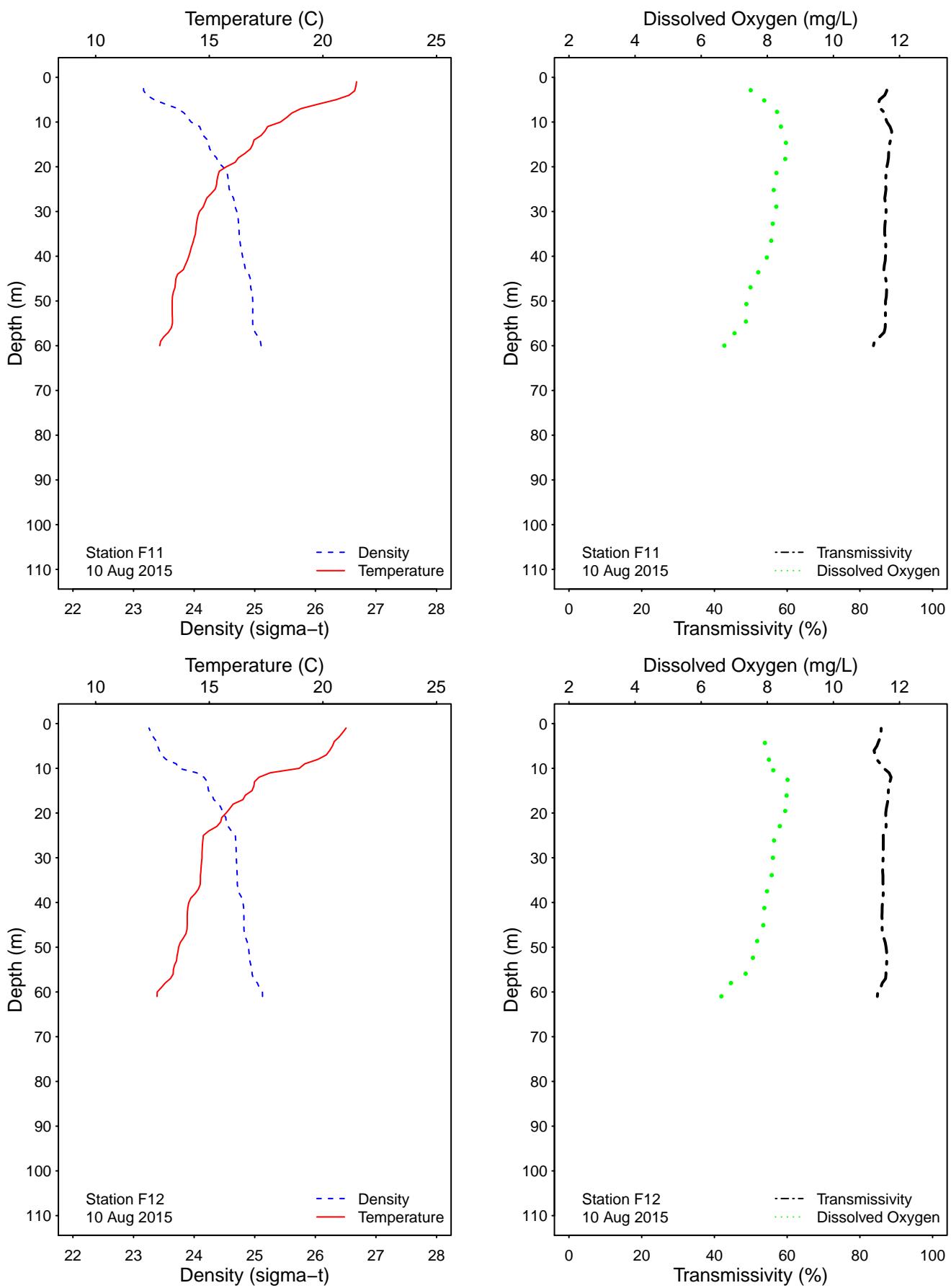


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

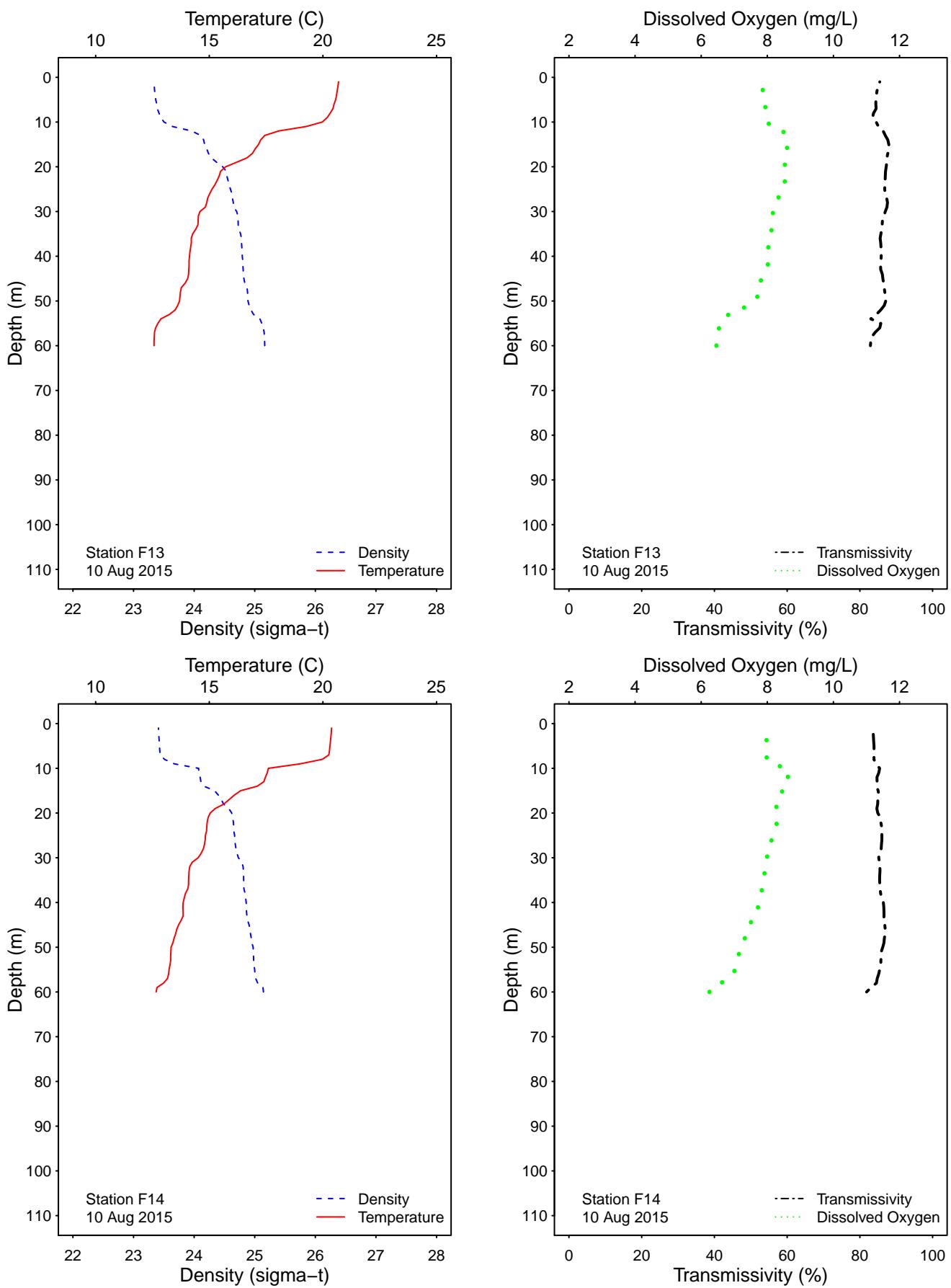


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

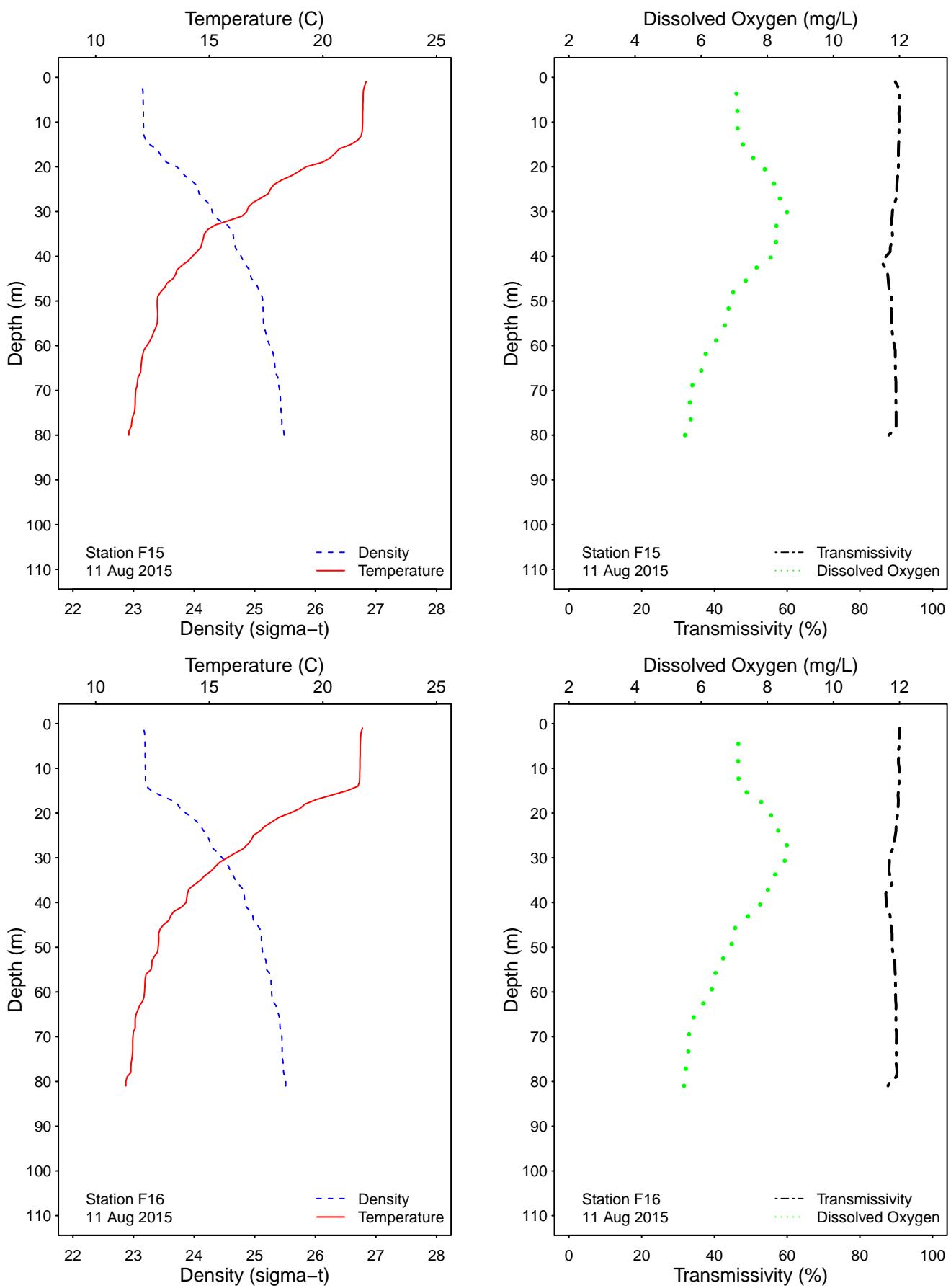


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

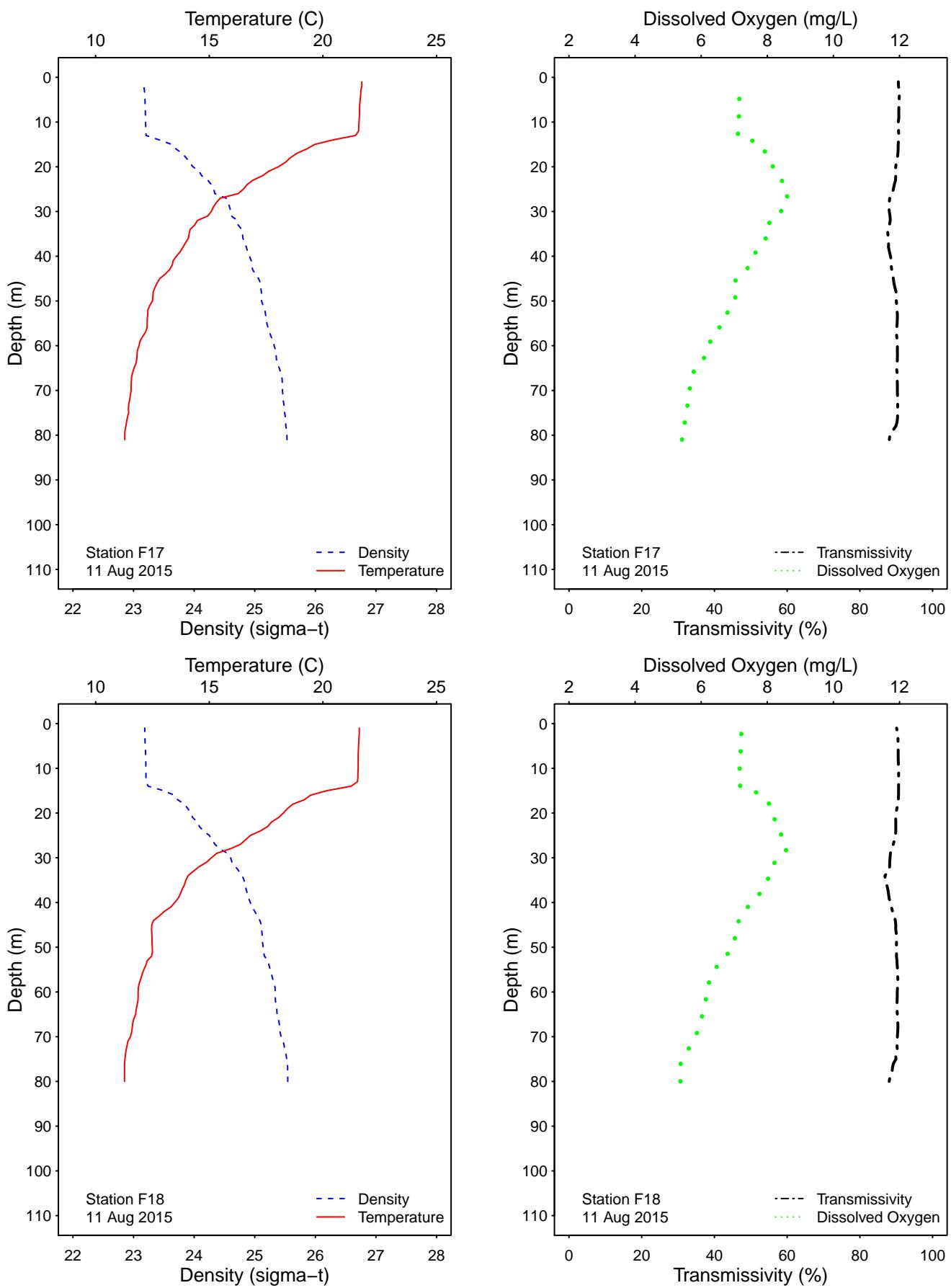


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

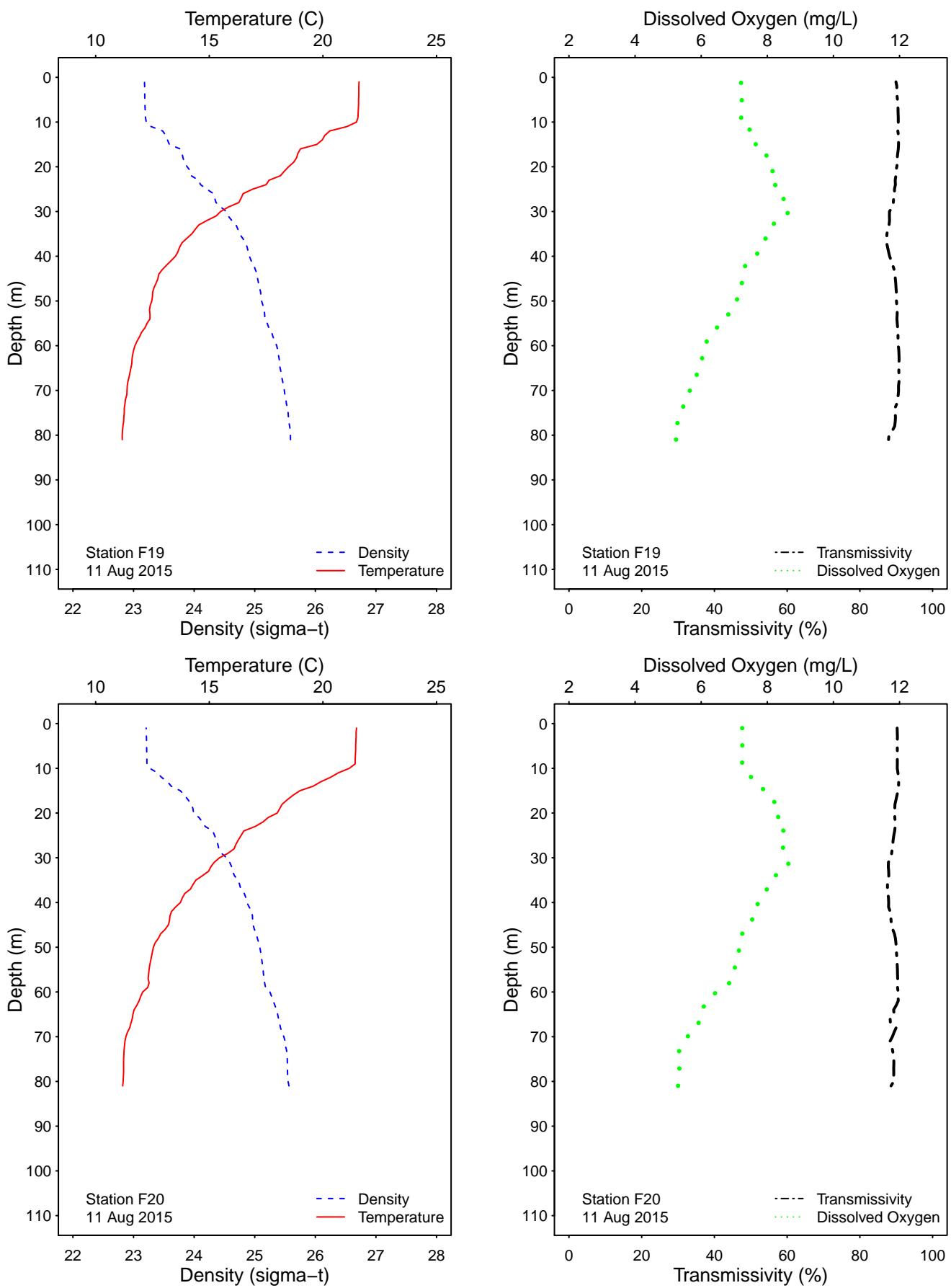


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

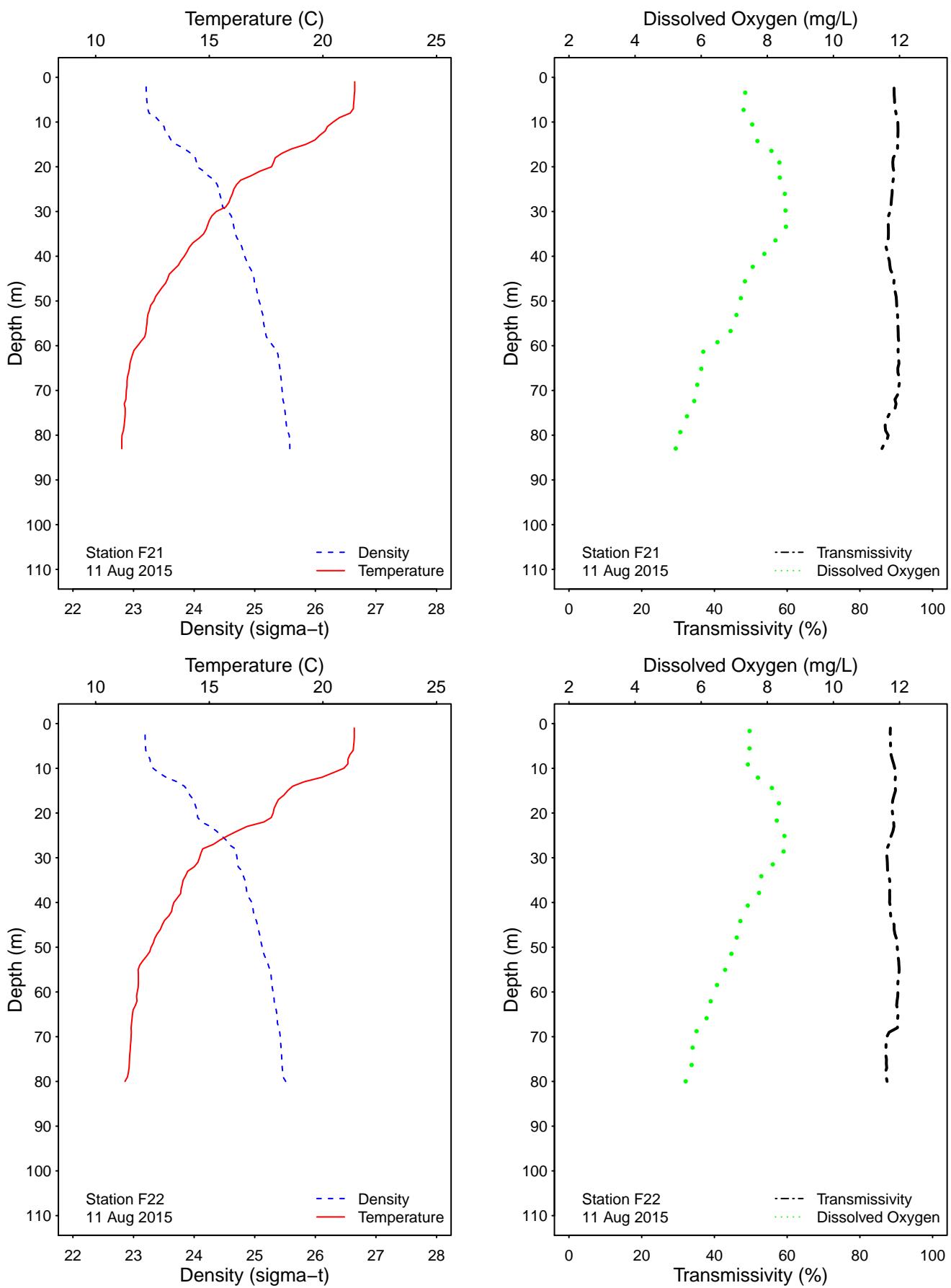


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

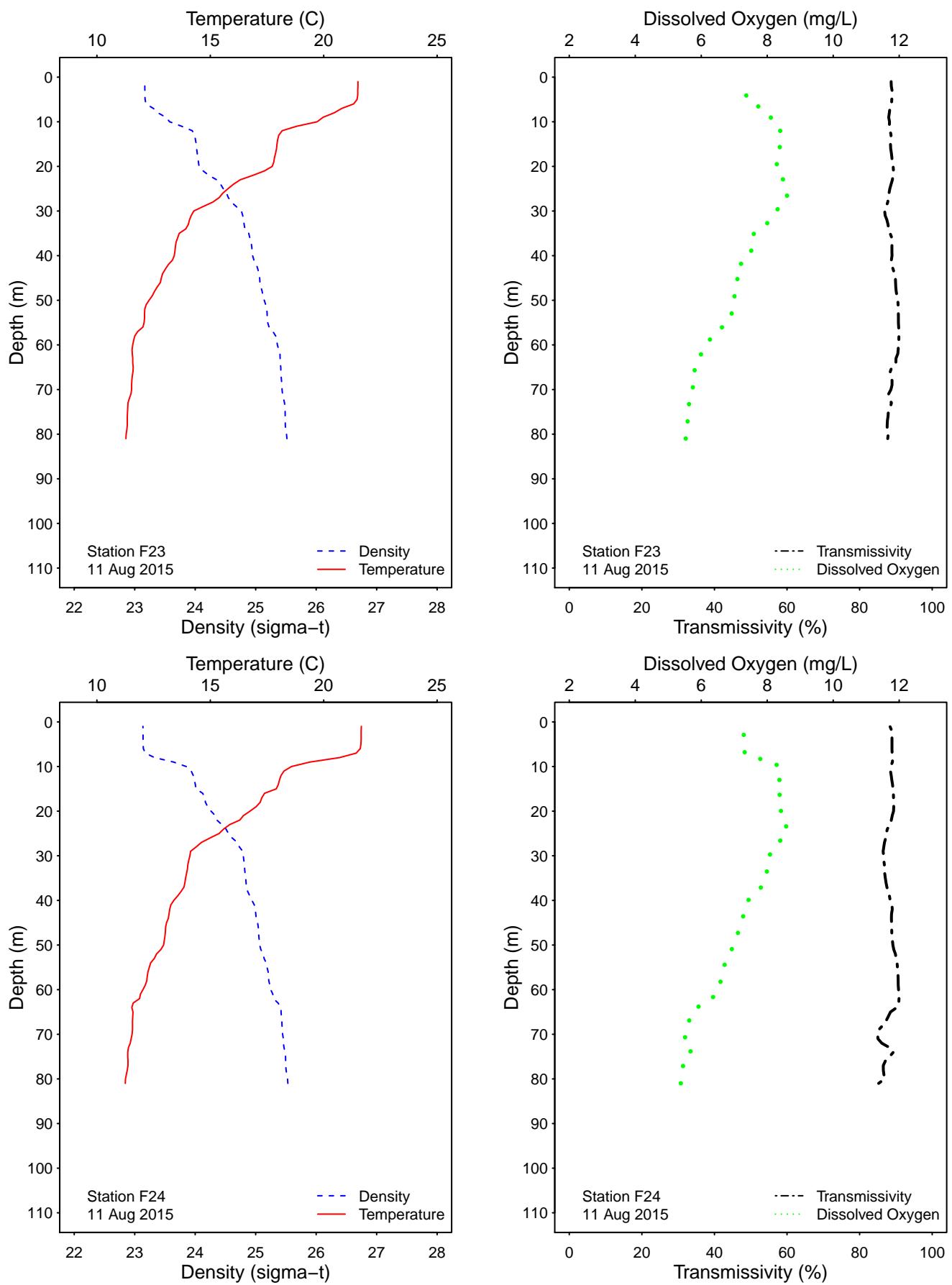


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

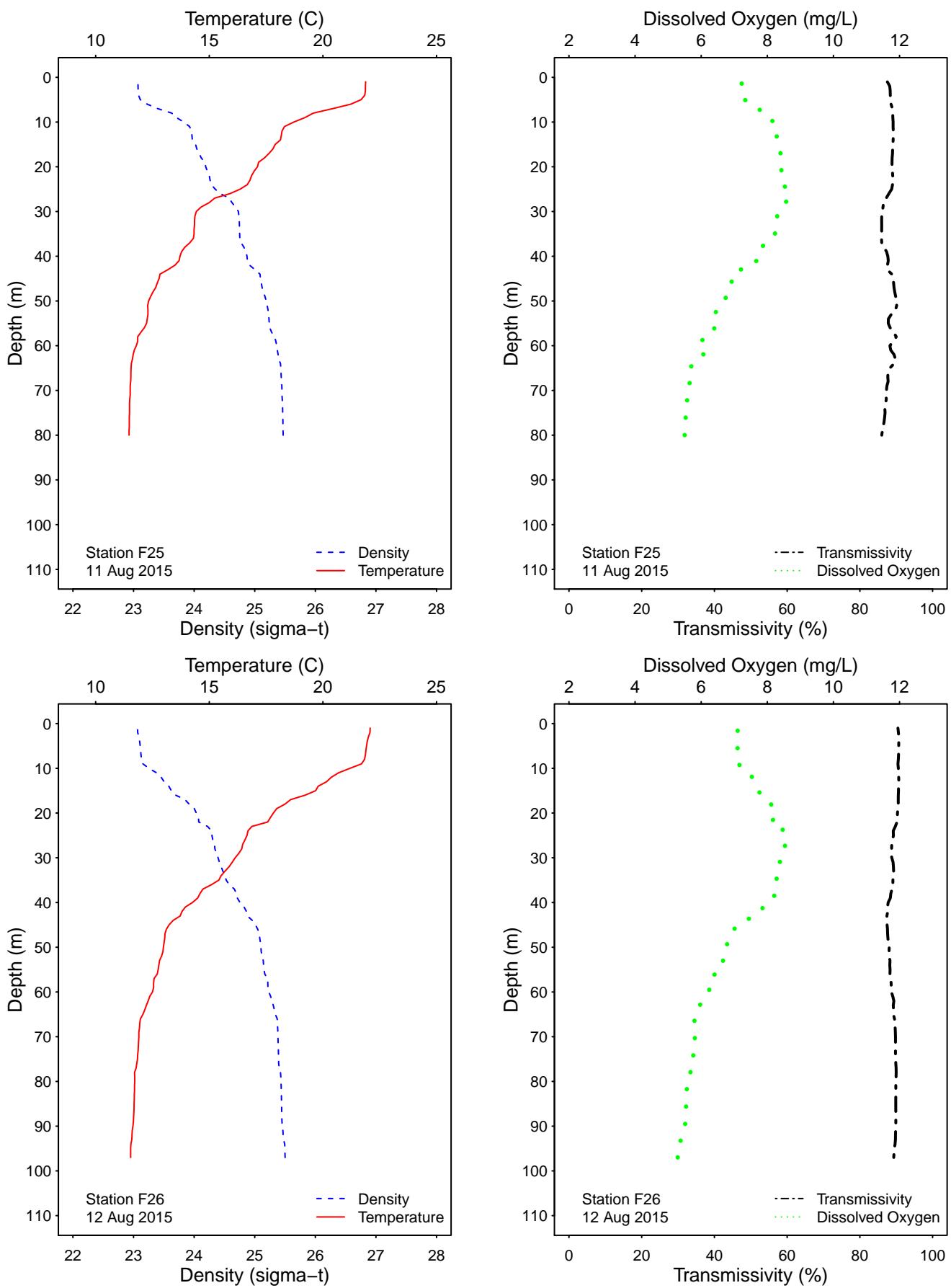


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

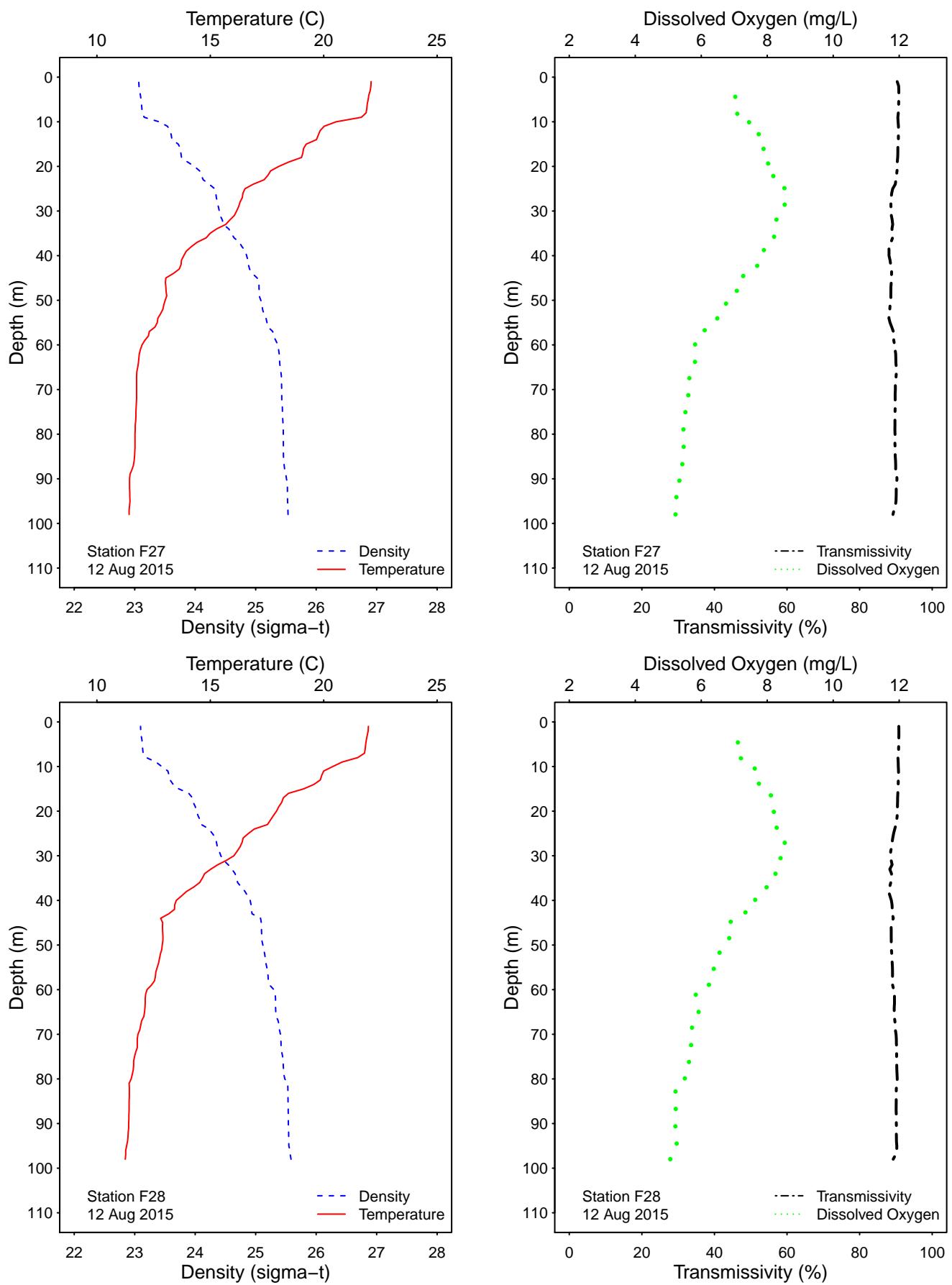


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

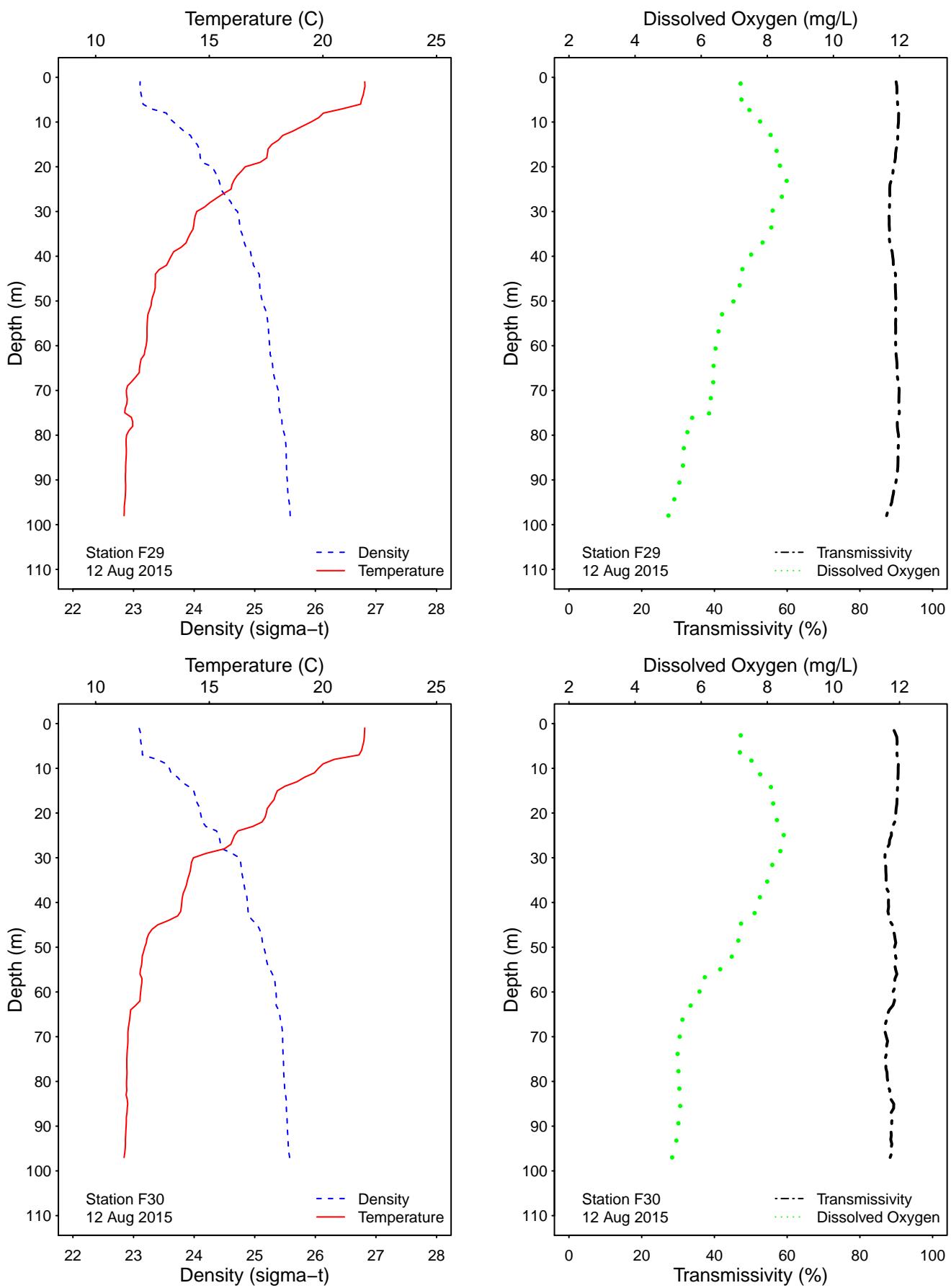


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

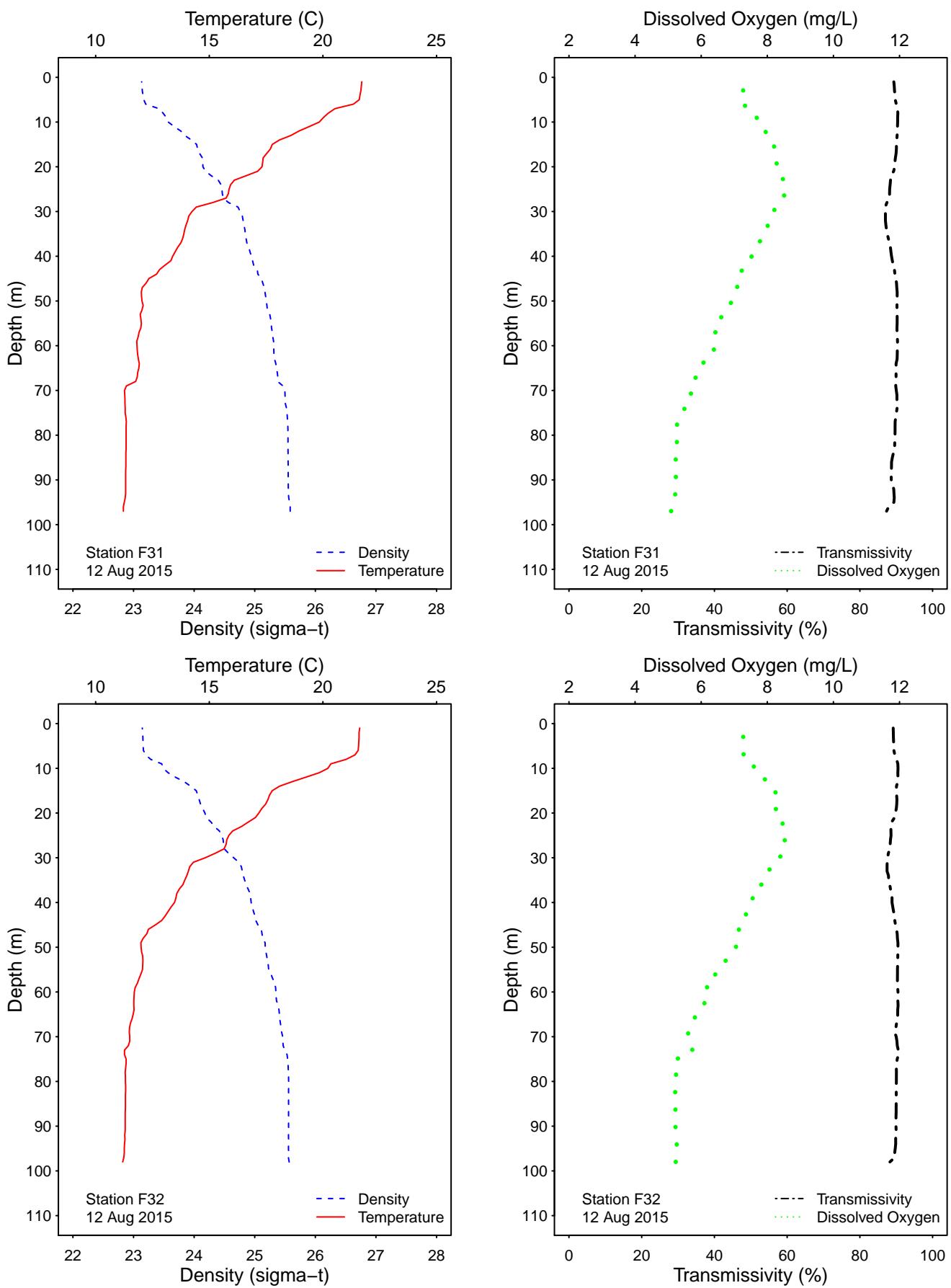


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

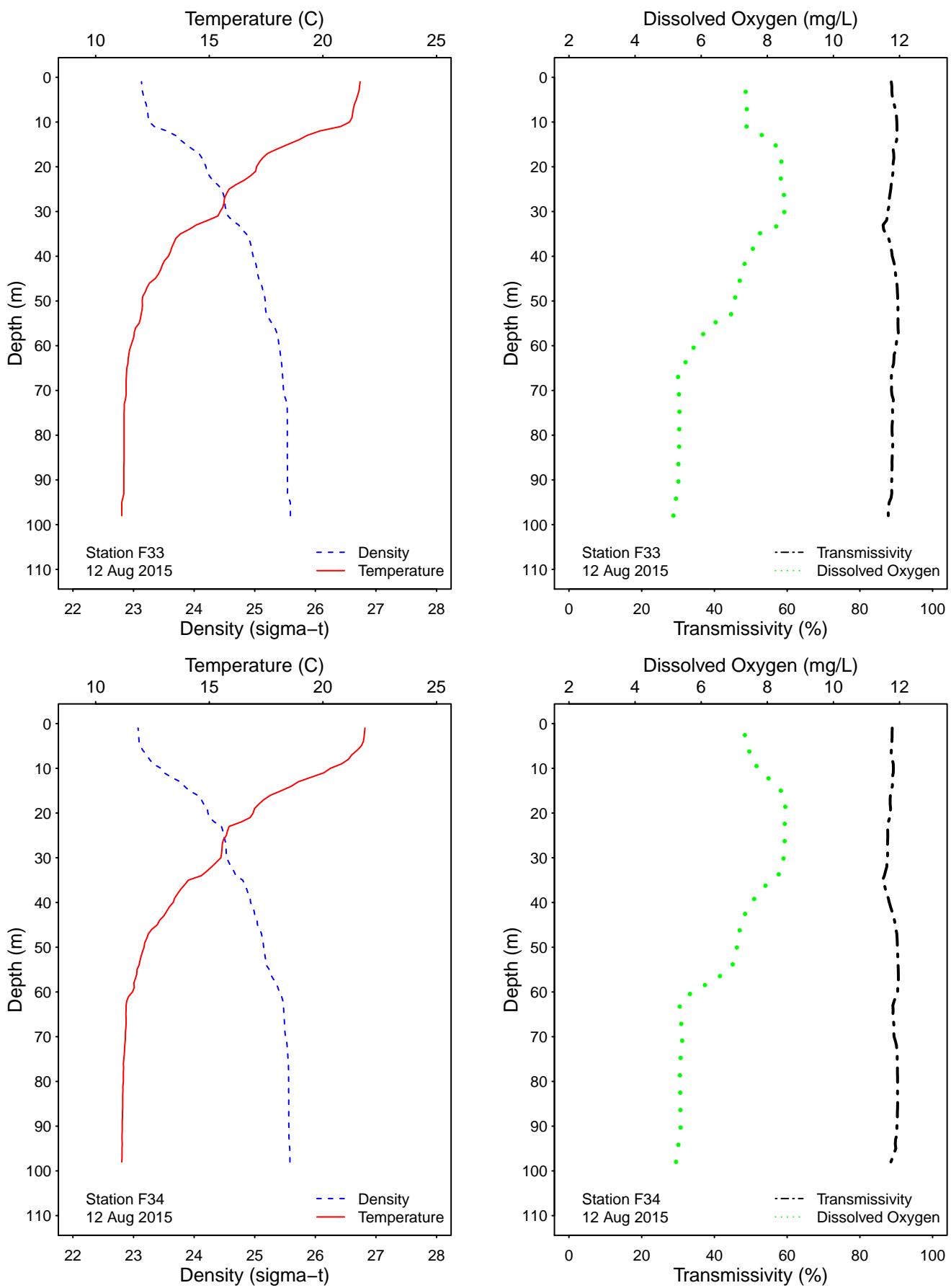


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

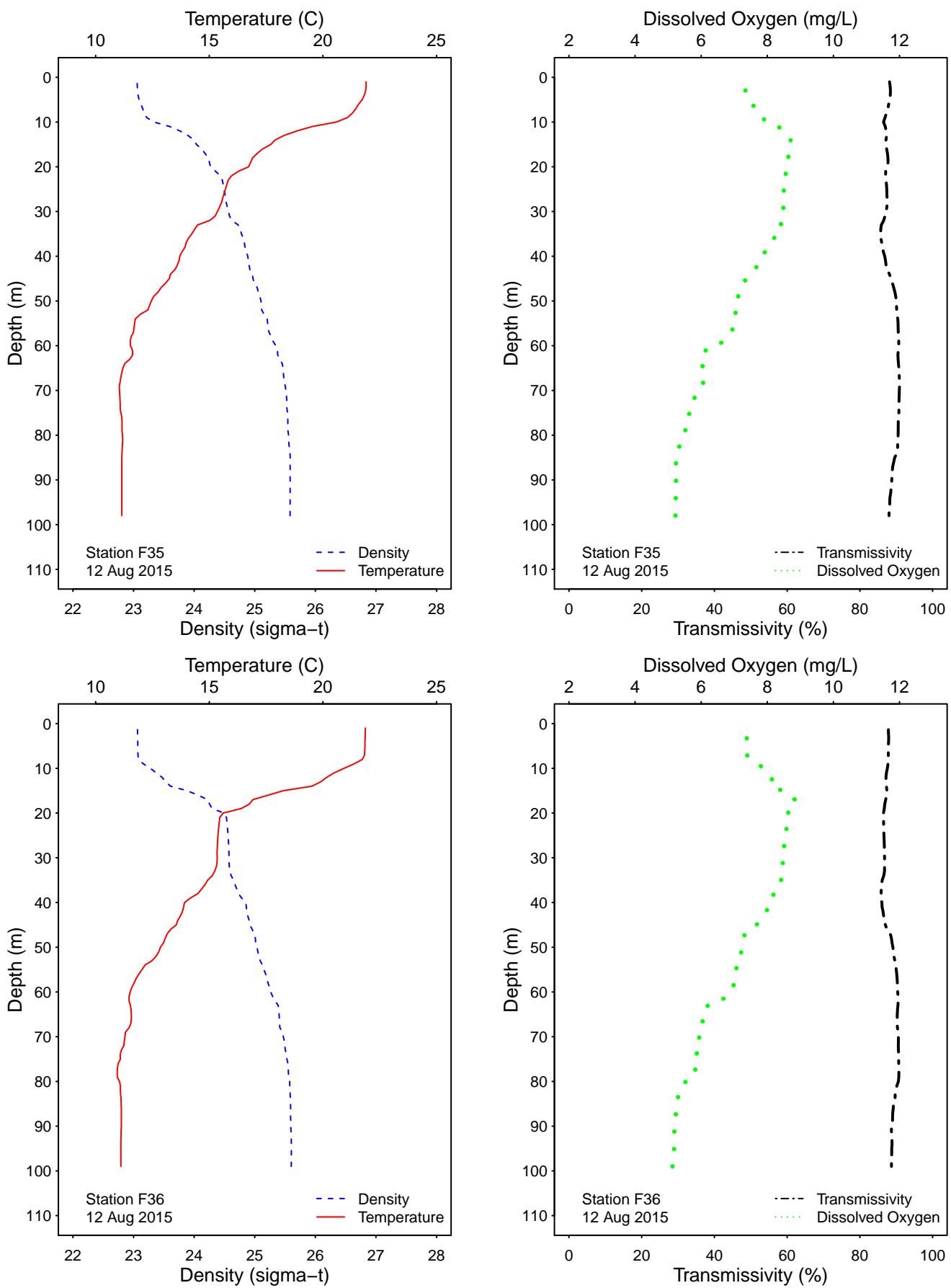


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

## APPENDIX A

### Quality Assurance



**Table A.1**

Summary of bacteriological quality assurance field and 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	03 Aug 2015	18	SR	LAB DUPLICATE	2e	<2	<2
A7	13 Aug 2015	18	JF	LAB DUPLICATE	12e	<2	<2
A7	19 Aug 2015	18	AR	LAB DUPLICATE	2e	<2	<2
A7	25 Aug 2015	18	JT	LAB DUPLICATE	<2	<2	<2
A7	30 Aug 2015	18	JT	LAB DUPLICATE	4e	<2	<2
C7	03 Aug 2015	18	SR	LAB DUPLICATE	4e	2e	<2
C7	13 Aug 2015	18	JT	LAB DUPLICATE	2e	<2	<2
C7	19 Aug 2015	18	AR	LAB DUPLICATE	<2	<2	<2
C7	25 Aug 2015	18	JT	LAB DUPLICATE	<2	<2	<2
C7	30 Aug 2015	18	LMA	LAB DUPLICATE	<2	<2	<2
C8	03 Aug 2015	12	SR	LAB DUPLICATE	2e	<2	<2
C8	13 Aug 2015	12	LO	LAB DUPLICATE	2e	<2	<2
C8	19 Aug 2015	12	JT	LAB DUPLICATE	<2	<2	<2
C8	25 Aug 2015	12	ZV	LAB DUPLICATE	<2	<2	2e
C8	30 Aug 2015	12	LMA	LAB DUPLICATE	<2	<2	<2
D8	03 Aug 2015		AR	FIELD DUPLICATE	<20	<2	6e
D8	03 Aug 2015		JT	LAB DUPLICATE	<20	2e	<2
D8	09 Aug 2015		LMA	FIELD DUPLICATE	20e	2e	10e
D8	09 Aug 2015		AR	LAB DUPLICATE	40e	4e	2e
D8	15 Aug 2015		LMA	FIELD DUPLICATE	20e	<2	2e
D8	15 Aug 2015		ZV	LAB DUPLICATE	<20	<2	2e
D8	21 Aug 2015		JT	FIELD DUPLICATE	<20	<2	6e
D8	21 Aug 2015		JT	LAB DUPLICATE	<20	2e	<2
D8	27 Aug 2015		SR	FIELD DUPLICATE	<20	2e	<2
D8	27 Aug 2015		SR	LAB DUPLICATE	20e	2e	<2
F01	10 Aug 2015	12	AR	LAB DUPLICATE	ns	ns	<2
F02	10 Aug 2015	12	AR	LAB DUPLICATE	ns	ns	<2
F07	10 Aug 2015	60	ZV	LAB DUPLICATE	ns	ns	<2
F08	10 Aug 2015	60	LMA	LAB DUPLICATE	ns	ns	<2
F11	10 Aug 2015	60	AR	LAB DUPLICATE	ns	ns	<2
F17	11 Aug 2015	80	AR	LAB DUPLICATE	ns	ns	<2
F18	11 Aug 2015	60	AR	LAB DUPLICATE	ns	ns	<2
F19	11 Aug 2015	60	AR	LAB DUPLICATE	ns	ns	<2
F20	11 Aug 2015	60	SR	LAB DUPLICATE	ns	ns	<2
F21	11 Aug 2015	80	SR	LAB DUPLICATE	ns	ns	8e
F28	12 Aug 2015	60	LMA	LAB DUPLICATE	ns	ns	<2
F29	12 Aug 2015	60	LMA	LAB DUPLICATE	ns	ns	<2
F30	12 Aug 2015	60	AR	LAB DUPLICATE	ns	ns	6e
F31	12 Aug 2015	80	AR	LAB DUPLICATE	ns	ns	<2
F32	12 Aug 2015	80	AR	LAB DUPLICATE	ns	ns	<2
F34	12 Aug 2015	60	LMA	LAB DUPLICATE	ns	ns	<2

ns = not sampled

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