SD Public Utilities

MONTHLY RECEIVING WATERS MONITORING REPORT FOR THE POINT LOMA OCEAN OUTFALL

POINT LOMA METROPOLITAN WASTEWATER TREATMENT PLANT

NPDES PERMIT NO. CA 0107409
SDRWQCB Order No. R9-2009-0001

NOVEMBER 2016

Environmental Monitoring and Technical Services
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CERTIFIED
Public Utilities Department
Continual Improvement, Prevention of Pollution, Regulatory Compliance
ISO 14001

The City of SAN DIEGO
Public Utilities Department
Environmental Monitoring & Technical Services Division

December 30, 2016

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 November 2016 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 Director, Public Utilities Department

TDS/asb

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

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REPORT OUTLINE

INTRODUCTION

METHODS

SUMMARY OF RESULTS

TABLES AND FIGURES

Station Locations (Map)

Shore Stations

- Total Coliform Compliance Summary, Geometric Mean Standard
- Fecal Coliform Compliance Summary, Geometric Mean Standard
- Enterococcus Bacteria Compliance Summary, Geometric Mean Standard
- Total Coliform Single Sample Maximum
- Fecal Coliform Single Sample Maximum
- Enterococcus Bacteria Single Sample Maximum
- Fecal:Total Coliform Ratio Single Sample Maximum
- Shore Station Water Quality Summary Data
- Visual Observations

Kelp Stations

- Total Coliform Compliance Summary, Geometric Mean Standard
- Fecal Coliform Compliance Summary, Geometric Mean Standard
- Enterococcus Bacteria Compliance Summary, Geometric Mean Standard
- Total Coliform Single Sample Maximum
- Fecal Coliform Single Sample Maximum
- Enterococcus Bacteria Single Sample Maximum
- Fecal:Total Coliform Ratio Single Sample Maximum
- Kelp Station Water Quality Summary Data
- Visual Observations
- CTD Profile Data
- CTD Profile Graphics

Offshore Stations

- Enterococcus Bacteria Single Sample Maximum
- Water Quality Summary Data
- Visual Observations
- CTD Profile Data
- CTD Profile Graphics

APPENDIX A

Quality Assurance

- Water Quality Summary Data

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). Due to site inaccessibility, station D8 has been temporarily abandoned and replaced with station D8-A. This new location will be sampled until access is restored at the original location. Seawater samples are collected from the surf zone at each station five times during the month. These samples are subsequently transported to the City's Marine Microbiology Laboratory and analyzed for the presence of several types of fecal indicator bacteria (FIBs), including total coliforms, fecal coliforms, and *Enterococcus*. Visual observations of water color and clarity, surf height, human or animal activity, and weather conditions are also recorded at the time of sample collection. Wind speed and direction are measured using a hand-held anemometer with a compass.

Kelp Bed Stations

The eight kelp stations are sampled 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.

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

at a rate of 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.

Offshore Stations

Offshore water quality sampling is conducted quarterly typically during the months of February, May, August and November. A total of 36 offshore stations (F01–F36) are sampled during each survey usually over a 3-day period. Three of the stations (F01–F03) are located along the 18-m depth contour, while 11 stations are located along each of the following contours: 60 m (stations F04–F14); 80 m (stations F15–F25); 98 m (stations F26–F36). Of these 36 stations, 15 (F01-F03, F06-F14, F18-F20) are located within State jurisdictional waters (i.e., within 3 nautical miles of shore) and are subject to the California Ocean Plan's compliance standards.

Monitoring at all offshore sites includes measurements of *Entercocccus* bacteria, water temperature, salinity, density, dissolved oxygen, pH, chlorophyll *a*, transmissivity, chromomorphic 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)[1]. This document defines membrane filtration limits of 20–80 colonies per plate for total coliforms and 20–60 colonies per plate for fecal coliforms and *Enterococcus*. No Data (ND) is reported if plate counts from all dilutions have a total colony count of >200 per plate.

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

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

(1) Total coliform density shall not exceed 1000 CFU/100 mL;

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

(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 2016 Quality Assurance Report, which will be completed in March 2017.

SUMMARY OF RESULTS

Shore Stations

- During November 2016, each of the eight shore stations was in compliance with various 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

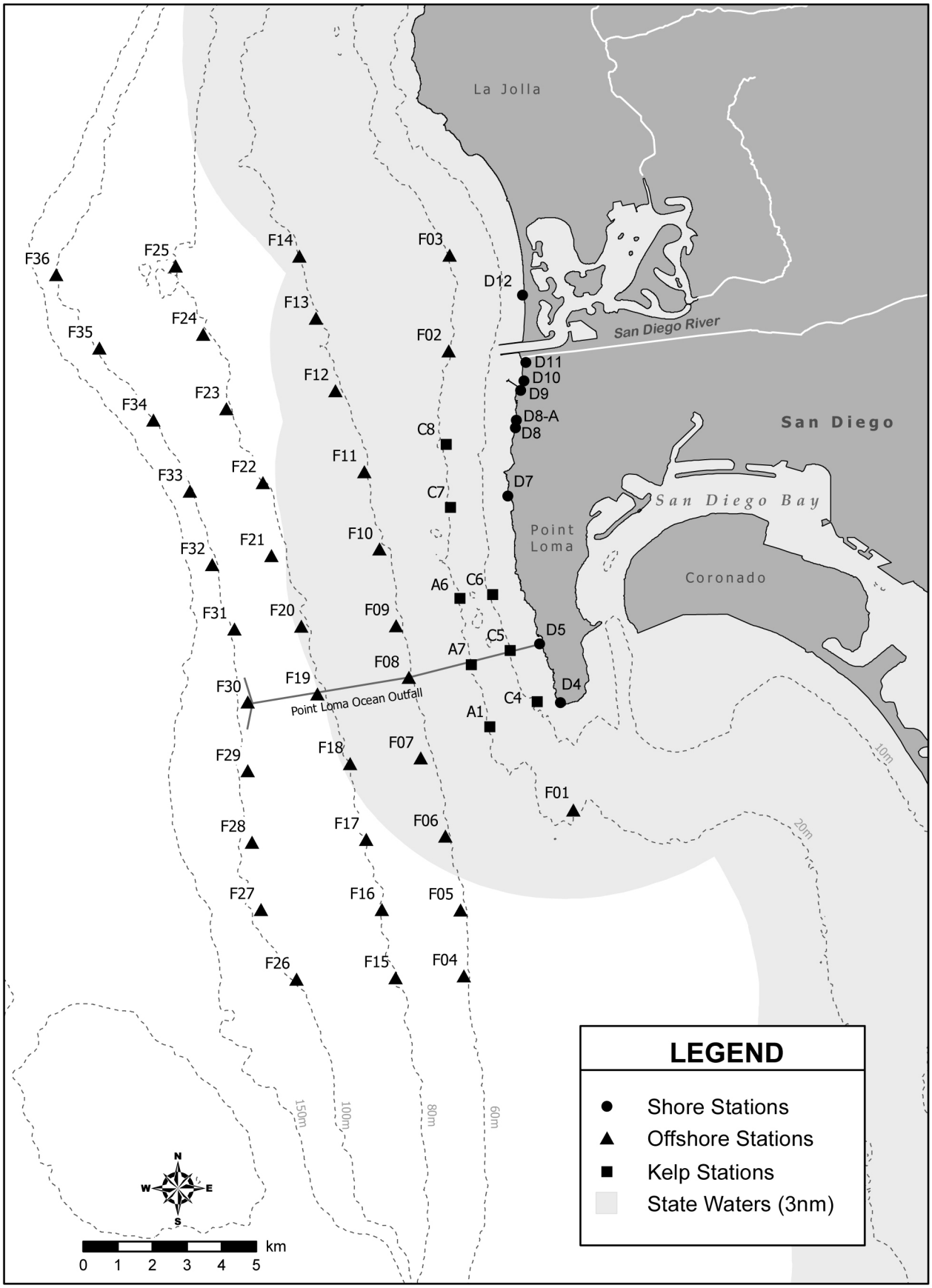
- The eight kelp bed water quality stations (A1, A6, A7, C4, C5, C6, C7, C8) were sampled five times during November (i.e. November 4, 10, 16, 20, 29).
- During November, each of the kelp bed stations was in compliance with various water-contact standard specified in the Ocean Plan.
- Water column temperatures ranged from 12.94 to 18.19°C during the month. The difference between surface and bottom waters ranged from 0.13 to 4.15°C, indicating that the water column was stratified at some of the kelp bed stations during the month.
- Chlorophyll *a* concentrations ranged from 0.43 to 11.86 µg/L during November, suggesting the presence of phytoplankton blooms during the month.

- Ammonia (as nitrogen) values were 0.02 mg/L at the kelp bed stations during the month.
- There were no notable visual observations for November.

Offshore Stations

- Quarterly offshore water quality sampling was conducted on November 7, 8, and 9.
- During November, each of the 15 offshore stations located within State jurisdictional waters (i.e., F01–F03, F06–F14, F18–F20) was in compliance with the relevant Ocean Plan single sample maximum standard for *Enterococcus*.
- All but 5 of the remaining 21 offshore stations were characterized by low densities of *Enterococcus* bacteria (i.e., <104 CFU/100 mL).
- Exceptions included stations F31, F32, F33, F34, and F35, which exceeded the single sample maximum for *Enterococcus* at 80m on November 7.
- During November, water column temperatures ranged from 10.29 to 19.10°C. The difference between surface and bottom waters ranged from 2.77 to 8.69°C, indicating that the water column was stratified during the month.
- Chlorophyll *a* concentrations ranged from 0.20 to 7.03 µg/L at the offshore stations during the month, suggesting the presence of phytoplankton blooms.
- CDOM data are available upon request.
- Ammonia (as nitrogen) values at the 15 stations located in State waters were <0.01 mg/L at the offshore stations during the month.
- Nothing of sewage origin was observed at any of the offshore stations.

TABLES AND FIGURES


La Jolla
San Diego River
San Diego
San Diego Bay
Point Loma
Coronado
Point Loma Ocean Outfall
F36
F35
F34
F33
F32
F31
F30
F29
F28
F27
F26
F25
F24
F23
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D8-A
D8
D7
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C8
C7
C6
C5
C4
A7
A6
A1
10m
20m
60m
80m
100m
150m
N
S
E
W
km
0 1 2 3 4 5
LEGEND
Shore Stations
Offshore Stations
Kelp Stations
State Waters (3nm)

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Shore Stations

Table 2.1

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

Date	D4	D5	D7	D8-A	D9	D10	D11	D12
01 Nov 2016	9	20	14	39	11	14	8	6
02 Nov 2016	9	20	14	39	11	14	8	6
03 Nov 2016	9	20	14	39	11	14	8	6
04 Nov 2016	9	20	14	39	11	14	8	6
05 Nov 2016	9	20	14	39	11	14	8	6
06 Nov 2016	9	20	10	32	11	14	11	10
07 Nov 2016	9	20	10	32	11	14	11	10
08 Nov 2016	9	20	10	32	11	14	11	10
09 Nov 2016	9	20	10	32	11	14	11	10
10 Nov 2016	9	20	10	32	11	14	11	10
11 Nov 2016	9	20	10	32	11	14	11	10
12 Nov 2016	9	36	10	39	10	11	14	10
13 Nov 2016	9	36	10	39	10	11	14	10
14 Nov 2016	9	36	10	39	10	11	14	10
15 Nov 2016	9	36	10	39	10	11	14	10
16 Nov 2016	9	36	10	39	10	11	14	10
17 Nov 2016	9	36	10	39	10	11	14	10
18 Nov 2016	9	36	9	25	10	12	14	6
19 Nov 2016	9	36	9	25	10	12	14	6
20 Nov 2016	9	36	9	25	10	12	14	6
21 Nov 2016	9	36	9	25	10	12	14	6
22 Nov 2016	9	36	9	25	10	12	14	6
23 Nov 2016	9	36	9	25	10	12	14	6
24 Nov 2016	11	23	11	37	16	24	15	9
25 Nov 2016	11	23	11	37	16	24	15	9
26 Nov 2016	11	23	11	37	16	24	15	9
27 Nov 2016	11	23	11	37	16	24	15	9
28 Nov 2016	11	23	11	37	16	24	15	9
29 Nov 2016	11	23	11	37	16	24	15	9
30 Nov 2016	11	23	5	46	17	33	15	7

* Geometric mean calculated using n<5

Table 2.2

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

Date	D4	D5	D7	D8-A	D9	D10	D11	D12
01 Nov 2016	2	2	5	4	3	3	2	3
02 Nov 2016	2	2	5	4	3	3	2	3
03 Nov 2016	2	2	5	4	3	3	2	3
04 Nov 2016	2	2	5	4	3	3	2	3
05 Nov 2016	2	2	5	4	3	3	2	3
06 Nov 2016	2	2	5	3	2	4	2	3
07 Nov 2016	2	2	5	3	2	4	2	3
08 Nov 2016	2	2	5	3	2	4	2	3
09 Nov 2016	2	2	5	3	2	4	2	3
10 Nov 2016	2	2	5	3	2	4	2	3
11 Nov 2016	2	2	5	3	2	4	2	3
12 Nov 2016	2	4	5	2	2	4	2	3
13 Nov 2016	2	4	5	2	2	4	2	3
14 Nov 2016	2	4	5	2	2	4	2	3
15 Nov 2016	2	4	5	2	2	4	2	3
16 Nov 2016	2	4	5	2	2	4	2	3
17 Nov 2016	2	4	5	2	2	4	2	3
18 Nov 2016	2	4	5	2	2	4	2	3
19 Nov 2016	2	4	5	2	2	4	2	3
20 Nov 2016	2	4	5	2	2	4	2	3
21 Nov 2016	2	4	5	2	2	4	2	3
22 Nov 2016	2	4	5	2	2	4	2	3
23 Nov 2016	2	4	5	2	2	4	2	3
24 Nov 2016	2	4	6	4	2	5	2	3
25 Nov 2016	2	4	6	4	2	5	2	3
26 Nov 2016	2	4	6	4	2	5	2	3
27 Nov 2016	2	4	6	4	2	5	2	3
28 Nov 2016	2	4	6	4	2	5	2	3
29 Nov 2016	2	4	6	4	2	5	2	3
30 Nov 2016	2	4	3	4	2	5	2	3

* Geometric mean calculated using n<5

Table 2.3

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

Date	D4	D5	D7	D8-A	D9	D10	D11	D12
01 Nov 2016	2	2	3	4	2	3	3	4
02 Nov 2016	2	2	3	4	2	3	3	4
03 Nov 2016	2	2	3	4	2	3	3	4
04 Nov 2016	2	2	3	4	2	3	3	4
05 Nov 2016	2	2	3	4	2	3	3	4
06 Nov 2016	2	2	3	3	3	3	3	4
07 Nov 2016	2	2	3	3	3	3	3	4
08 Nov 2016	2	2	3	3	3	3	3	4
09 Nov 2016	2	2	3	3	3	3	3	4
10 Nov 2016	2	2	3	3	3	3	3	4
11 Nov 2016	2	2	3	3	3	3	3	4
12 Nov 2016	2	5	4	5	3	3	4	5
13 Nov 2016	2	5	4	5	3	3	4	5
14 Nov 2016	2	5	4	5	3	3	4	5
15 Nov 2016	2	5	4	5	3	3	4	5
16 Nov 2016	2	5	4	5	3	3	4	5
17 Nov 2016	2	5	4	5	3	3	4	5
18 Nov 2016	2	5	4	5	3	2	4	3
19 Nov 2016	2	5	4	5	3	2	4	3
20 Nov 2016	2	5	4	5	3	2	4	3
21 Nov 2016	2	5	4	5	3	2	4	3
22 Nov 2016	2	5	4	5	3	2	4	3
23 Nov 2016	2	5	4	5	3	2	4	3
24 Nov 2016	2	5	4	7	4	2	4	3
25 Nov 2016	2	5	4	7	4	2	4	3
26 Nov 2016	2	5	4	7	4	2	4	3
27 Nov 2016	2	5	4	7	4	2	4	3
28 Nov 2016	2	5	4	7	4	2	4	3
29 Nov 2016	2	5	4	7	4	2	4	3
30 Nov 2016	2	5	3	8	4	3	4	5

* Geometric mean calculated using n<5

Table 2.4

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

Date	D4	D5	D7	D8-A	D9	D10	D11	D12
06 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
12 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
18 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
24 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
30 Nov 2016	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 Ocean Plan's Single Sample Maximum standard for fecal coliform bacteria, which states that fecal coliform density shall not exceed 400 CFU/100 mL.

Date	D4	D5	D7	D8-A	D9	D10	D11	D12
06 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
12 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
18 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
24 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
30 Nov 2016	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 Ocean Plan's Single Sample Maximum standard for *Enterococcus* bacteria, which states that *Enterococcus* density shall not exceed 104 CFU/100 mL.

Date	D4	D5	D7	D8-A	D9	D10	D11	D12
06 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
12 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
18 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
24 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
30 Nov 2016	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 Ocean Plan's Single Sample Maximum standard for total coliform bacteria and the fecal/total coliform ratio (F:T), which states that total coliform density shall not exceed 1,000 CFU/100 mL when F:T > 0.1.

Date	D4	D5	D7	D8-A	D9	D10	D11	D12
06 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
12 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
18 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
24 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
30 Nov 2016	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* (Entero) 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	Entero	F:T
D4	06 Nov 2016	952	<20	<2	<2	0.10
D4	12 Nov 2016	904	20e	<2	<2	0.10
D4	18 Nov 2016	1004	20e	<2	2e	0.10
D4	24 Nov 2016	703	12e	<2	<2	0.17
D4	30 Nov 2016	823	<2	<2	<2	1.00
D5	06 Nov 2016	1012	<20	2e	4e	0.10
D5	12 Nov 2016	841	400	20e	58	0.05
D5	18 Nov 2016	1023	<20	<2	<2	0.10
D5	24 Nov 2016	652	2e	<2	<2	1.00
D5	30 Nov 2016	810	20e	10e	<2	0.50
D7	06 Nov 2016	745	4e	2e	<2	0.50
D7	12 Nov 2016	928	2e	<2	8e	1.00
D7	18 Nov 2016	919	40e	8e	<2	0.20
D7	24 Nov 2016	724	6e	4e	2e	0.67
D7	30 Nov 2016	848	<2	2e	<2	1.00
D8-A	06 Nov 2016	733	20e	<4	<4	0.20
D8-A	12 Nov 2016	946	60e	<2	46	0.03
D8-A	18 Nov 2016	900	<20	<2	<2	0.10
D8-A	24 Nov 2016	737	140e	<20	16e	0.14
D8-A	30 Nov 2016	1046	60e	2e	6e	0.03
D9	06 Nov 2016	808	<20	<2	8e	0.10
D9	12 Nov 2016	959	10e	<2	<2	0.20
D9	18 Nov 2016	839	<20	<2	2e	0.10
D9	24 Nov 2016	746	<20	6e	10e	0.30
D9	30 Nov 2016	908	<20	<2	<2	0.10
D10	06 Nov 2016	817	20e	6e	2e	0.30
D10	12 Nov 2016	1012	4e	2e	<2	0.50
D10	18 Nov 2016	823	40e	4e	<2	0.10
D10	24 Nov 2016	755	60e	14e	2e	0.23
D10	30 Nov 2016	943	<200	4e	8e	0.02
D11	06 Nov 2016	831	<20	<2	2e	0.10
D11	12 Nov 2016	1031	6e	<2	18e	0.33
D11	18 Nov 2016	811	20e	6e	2e	0.30
D11	24 Nov 2016	805	14e	<2	<2	0.14
D11	30 Nov 2016	950	<20	<2	4e	0.10

Station	Date	Time	Total	Fecal	Entero	F:T
D12	06 Nov 2016	855	<20	2e	4e	0.10
D12	12 Nov 2016	1054	<2	<2	6e	1.00
D12	18 Nov 2016	747	<20	4e	4e	0.20
D12	24 Nov 2016	822	12e	<2	2e	0.17
D12	30 Nov 2016	1015	2e	4e	10e	2.00

ns = not sampled
ND = no data

Table 2.9

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

Station	Date	Parameter	Value
D4	06 Nov 2016	Arrive Time	952
D4	06 Nov 2016	Weather	Cloudy
D4	06 Nov 2016	Wind Speed (kts)	3
D4	06 Nov 2016	Wind Dir	W
D4	06 Nov 2016	Animal Life	None
D4	06 Nov 2016	Floatables	None
D4	06 Nov 2016	Water Color	Green
D4	06 Nov 2016	Current Direction	W
D4	06 Nov 2016	Wave Height Low (ft)	4
D4	06 Nov 2016	High Tide (ft)	4.3
D4	06 Nov 2016	High Tide Time	1218
D4	06 Nov 2016	Low Tide (ft)	3.1
D4	06 Nov 2016	Low Tide Time	624
D4	06 Nov 2016	Comments	Kelp; Seagrass; 10 Surfers; Water turbid
D4	12 Nov 2016	Arrive Time	904
D4	12 Nov 2016	Weather	Partly Cloudy
D4	12 Nov 2016	Wind Speed (kts)	0.5
D4	12 Nov 2016	Wind Dir	NW
D4	12 Nov 2016	Animal Life	None
D4	12 Nov 2016	Floatables	None
D4	12 Nov 2016	Water Color	Green
D4	12 Nov 2016	Current Direction	NW
D4	12 Nov 2016	Wave Height Low (ft)	2
D4	12 Nov 2016	High Tide (ft)	6.2
D4	12 Nov 2016	High Tide Time	646
D4	12 Nov 2016	Low Tide (ft)	-0.4
D4	12 Nov 2016	Low Tide Time	1327
D4	12 Nov 2016	Comments	Kelp; Seagrass; Algae; Water clear
D4	18 Nov 2016	Arrive Time	1004
D4	18 Nov 2016	Weather	Sunny
D4	18 Nov 2016	Wind Speed (kts)	2.3
D4	18 Nov 2016	Wind Dir	NW
D4	18 Nov 2016	Animal Life	None
D4	18 Nov 2016	Floatables	None
D4	18 Nov 2016	Water Color	Green
D4	18 Nov 2016	Current Direction	Not Recorded
D4	18 Nov 2016	Wave Height Low (ft)	3
D4	18 Nov 2016	High Tide (ft)	5.7
D4	18 Nov 2016	High Tide Time	1106
D4	18 Nov 2016	Low Tide (ft)	2.2
D4	18 Nov 2016	Low Tide Time	505
D4	18 Nov 2016	Comments	Kelp; Seagrass; Algae; Water clear
D4	24 Nov 2016	Arrive Time	703
D4	24 Nov 2016	Weather	Sunny
D4	24 Nov 2016	Wind Speed (kts)	0.5
D4	24 Nov 2016	Wind Dir	W
D4	24 Nov 2016	Animal Life	None
D4	24 Nov 2016	Floatables	None

Station	Date	Parameter	Value
D4	24 Nov 2016	Water Color	Green
D4	24 Nov 2016	Current Direction	Not Recorded
D4	24 Nov 2016	Wave Height Low (ft)	2
D4	24 Nov 2016	High Tide (ft)	5.2
D4	24 Nov 2016	High Tide Time	555
D4	24 Nov 2016	Low Tide (ft)	0.9
D4	24 Nov 2016	Low Tide Time	1234
D4	24 Nov 2016	Comments	Kelp; Seagrass; Water clear
D4	30 Nov 2016	Arrive Time	823
D4	30 Nov 2016	Weather	Sunny
D4	30 Nov 2016	Wind Speed (kts)	1.3
D4	30 Nov 2016	Wind Dir	W
D4	30 Nov 2016	Animal Life	None
D4	30 Nov 2016	Floatables	None
D4	30 Nov 2016	Water Color	Green
D4	30 Nov 2016	Current Direction	N
D4	30 Nov 2016	Wave Height Low (ft)	3
D4	30 Nov 2016	High Tide (ft)	5.8
D4	30 Nov 2016	High Tide Time	837
D4	30 Nov 2016	Low Tide (ft)	1.9
D4	30 Nov 2016	Low Tide Time	231
D4	30 Nov 2016	Comments	Kelp; Seagrass; Water clear
D5	06 Nov 2016	Arrive Time	1012
D5	06 Nov 2016	Weather	Foggy
D5	06 Nov 2016	Wind Speed (kts)	3
D5	06 Nov 2016	Wind Dir	W
D5	06 Nov 2016	Animal Life	None
D5	06 Nov 2016	Floatables	None
D5	06 Nov 2016	Water Color	Green
D5	06 Nov 2016	Current Direction	W
D5	06 Nov 2016	Wave Height Low (ft)	5
D5	06 Nov 2016	High Tide (ft)	4.3
D5	06 Nov 2016	High Tide Time	1218
D5	06 Nov 2016	Low Tide (ft)	3.1
D5	06 Nov 2016	Low Tide Time	624
D5	06 Nov 2016	Comments	Kelp; Seagrass; Water turbid
D5	12 Nov 2016	Arrive Time	841
D5	12 Nov 2016	Weather	Partly Cloudy
D5	12 Nov 2016	Wind Speed (kts)	0.7
D5	12 Nov 2016	Wind Dir	NW
D5	12 Nov 2016	Animal Life	None
D5	12 Nov 2016	Floatables	None
D5	12 Nov 2016	Water Color	Green
D5	12 Nov 2016	Current Direction	NW
D5	12 Nov 2016	Wave Height Low (ft)	3
D5	12 Nov 2016	High Tide (ft)	6.2
D5	12 Nov 2016	High Tide Time	646
D5	12 Nov 2016	Low Tide (ft)	-0.4
D5	12 Nov 2016	Low Tide Time	1327
D5	12 Nov 2016	Comments	Seagrass; Algae; Water clear
D5	18 Nov 2016	Arrive Time	1023

Station	Date	Parameter	Value
D5	18 Nov 2016	Weather	Sunny
D5	18 Nov 2016	Wind Speed (kts)	1.1
D5	18 Nov 2016	Wind Dir	NW
D5	18 Nov 2016	Animal Life	None
D5	18 Nov 2016	Floatables	None
D5	18 Nov 2016	Water Color	Green
D5	18 Nov 2016	Current Direction	Not Recorded
D5	18 Nov 2016	Wave Height Low (ft)	2
D5	18 Nov 2016	High Tide (ft)	5.7
D5	18 Nov 2016	High Tide Time	1106
D5	18 Nov 2016	Low Tide (ft)	2.2
D5	18 Nov 2016	Low Tide Time	505
D5	18 Nov 2016	Comments	Seagrass; Water clear
D5	24 Nov 2016	Arrive Time	652
D5	24 Nov 2016	Weather	Sunny
D5	24 Nov 2016	Wind Speed (kts)	1.3
D5	24 Nov 2016	Wind Dir	W
D5	24 Nov 2016	Animal Life	None
D5	24 Nov 2016	Floatables	None
D5	24 Nov 2016	Water Color	Green
D5	24 Nov 2016	Current Direction	Not Recorded
D5	24 Nov 2016	Wave Height Low (ft)	3
D5	24 Nov 2016	High Tide (ft)	5.2
D5	24 Nov 2016	High Tide Time	555
D5	24 Nov 2016	Low Tide (ft)	0.9
D5	24 Nov 2016	Low Tide Time	1234
D5	24 Nov 2016	Comments	Kelp; Seagrass; Water clear
D5	30 Nov 2016	Arrive Time	810
D5	30 Nov 2016	Weather	Sunny
D5	30 Nov 2016	Wind Speed (kts)	2.1
D5	30 Nov 2016	Wind Dir	W
D5	30 Nov 2016	Animal Life	None
D5	30 Nov 2016	Floatables	None
D5	30 Nov 2016	Water Color	Green
D5	30 Nov 2016	Current Direction	N
D5	30 Nov 2016	Wave Height Low (ft)	4
D5	30 Nov 2016	High Tide (ft)	5.8
D5	30 Nov 2016	High Tide Time	837
D5	30 Nov 2016	Low Tide (ft)	1.9
D5	30 Nov 2016	Low Tide Time	231
D5	30 Nov 2016	Comments	Kelp; Seagrass; Water clear
D7	06 Nov 2016	Arrive Time	745
D7	06 Nov 2016	Weather	Partly Cloudy
D7	06 Nov 2016	Wind Speed (kts)	4
D7	06 Nov 2016	Wind Dir	W
D7	06 Nov 2016	Animal Life	None
D7	06 Nov 2016	Floatables	None
D7	06 Nov 2016	Water Color	Green
D7	06 Nov 2016	Current Direction	W
D7	06 Nov 2016	Wave Height Low (ft)	4
D7	06 Nov 2016	High Tide (ft)	4.3
D7	06 Nov 2016	High Tide Time	1218

Station	Date	Parameter	Value
D7	06 Nov 2016	Low Tide (ft)	3.1
D7	06 Nov 2016	Low Tide Time	624
D7	06 Nov 2016	Comments	Kelp; Seagrass; 5 Surfers; Water turbid
D7	12 Nov 2016	Arrive Time	928
D7	12 Nov 2016	Weather	Sunny
D7	12 Nov 2016	Wind Speed (kts)	2.7
D7	12 Nov 2016	Wind Dir	W
D7	12 Nov 2016	Animal Life	None
D7	12 Nov 2016	Floatables	None
D7	12 Nov 2016	Water Color	Green
D7	12 Nov 2016	Current Direction	W
D7	12 Nov 2016	Wave Height Low (ft)	3
D7	12 Nov 2016	High Tide (ft)	6.2
D7	12 Nov 2016	High Tide Time	646
D7	12 Nov 2016	Low Tide (ft)	-0.4
D7	12 Nov 2016	Low Tide Time	1327
D7	12 Nov 2016	Comments	Kelp; Seagrass; 3 Surfers; Water clear
D7	18 Nov 2016	Arrive Time	919
D7	18 Nov 2016	Weather	Sunny
D7	18 Nov 2016	Wind Speed (kts)	1.9
D7	18 Nov 2016	Wind Dir	NW
D7	18 Nov 2016	Animal Life	None
D7	18 Nov 2016	Floatables	None
D7	18 Nov 2016	Water Color	Green
D7	18 Nov 2016	Current Direction	Not Recorded
D7	18 Nov 2016	Wave Height Low (ft)	2
D7	18 Nov 2016	High Tide (ft)	5.7
D7	18 Nov 2016	High Tide Time	1106
D7	18 Nov 2016	Low Tide (ft)	2.2
D7	18 Nov 2016	Low Tide Time	505
D7	18 Nov 2016	Comments	Algae; 1 Surfer; Water clear
D7	24 Nov 2016	Arrive Time	724
D7	24 Nov 2016	Weather	Sunny
D7	24 Nov 2016	Wind Speed (kts)	1.1
D7	24 Nov 2016	Wind Dir	W
D7	24 Nov 2016	Animal Life	None
D7	24 Nov 2016	Floatables	None
D7	24 Nov 2016	Water Color	Green
D7	24 Nov 2016	Current Direction	Not Recorded
D7	24 Nov 2016	Wave Height Low (ft)	4
D7	24 Nov 2016	High Tide (ft)	5.2
D7	24 Nov 2016	High Tide Time	555
D7	24 Nov 2016	Low Tide (ft)	0.9
D7	24 Nov 2016	Low Tide Time	1234
D7	24 Nov 2016	Comments	Kelp; Seagrass; 5 Surfers; Water clear
D7	30 Nov 2016	Arrive Time	848
D7	30 Nov 2016	Weather	Sunny
D7	30 Nov 2016	Wind Speed (kts)	1.1
D7	30 Nov 2016	Wind Dir	NE
D7	30 Nov 2016	Animal Life	None
D7	30 Nov 2016	Floatables	None

Station	Date	Parameter	Value
D7	30 Nov 2016	Water Color	Green
D7	30 Nov 2016	Current Direction	N
D7	30 Nov 2016	Wave Height Low (ft)	5
D7	30 Nov 2016	High Tide (ft)	5.8
D7	30 Nov 2016	High Tide Time	837
D7	30 Nov 2016	Low Tide (ft)	1.9
D7	30 Nov 2016	Low Tide Time	231
D7	30 Nov 2016	Comments	Kelp; Seagrass; Water clear
D8-A	06 Nov 2016	Arrive Time	733
D8-A	06 Nov 2016	Weather	Foggy
D8-A	06 Nov 2016	Wind Speed (kts)	4
D8-A	06 Nov 2016	Wind Dir	W
D8-A	06 Nov 2016	Animal Life	None
D8-A	06 Nov 2016	Floatables	None
D8-A	06 Nov 2016	Water Color	Grey
D8-A	06 Nov 2016	Current Direction	W
D8-A	06 Nov 2016	Wave Height Low (ft)	5
D8-A	06 Nov 2016	High Tide (ft)	4.3
D8-A	06 Nov 2016	High Tide Time	1218
D8-A	06 Nov 2016	Low Tide (ft)	3.1
D8-A	06 Nov 2016	Low Tide Time	624
D8-A	06 Nov 2016	Comments	Kelp; Seagrass; Algae; 8 Surfers; Water turbid
D8-A	12 Nov 2016	Arrive Time	946
D8-A	12 Nov 2016	Weather	Sunny
D8-A	12 Nov 2016	Wind Speed (kts)	0.1
D8-A	12 Nov 2016	Wind Dir	NW
D8-A	12 Nov 2016	Animal Life	None
D8-A	12 Nov 2016	Floatables	None
D8-A	12 Nov 2016	Water Color	Green
D8-A	12 Nov 2016	Current Direction	NW
D8-A	12 Nov 2016	Wave Height Low (ft)	2
D8-A	12 Nov 2016	High Tide (ft)	6.2
D8-A	12 Nov 2016	High Tide Time	646
D8-A	12 Nov 2016	Low Tide (ft)	-0.4
D8-A	12 Nov 2016	Low Tide Time	1327
D8-A	12 Nov 2016	Comments	Seagrass; Algae; Water clear
D8-A	18 Nov 2016	Arrive Time	900
D8-A	18 Nov 2016	Weather	Sunny
D8-A	18 Nov 2016	Wind Speed (kts)	1.2
D8-A	18 Nov 2016	Wind Dir	NW
D8-A	18 Nov 2016	Animal Life	None
D8-A	18 Nov 2016	Floatables	None
D8-A	18 Nov 2016	Water Color	Colorless
D8-A	18 Nov 2016	Current Direction	Not Recorded
D8-A	18 Nov 2016	Wave Height Low (ft)	3
D8-A	18 Nov 2016	High Tide (ft)	5.7
D8-A	18 Nov 2016	High Tide Time	1106
D8-A	18 Nov 2016	Low Tide (ft)	2.2
D8-A	18 Nov 2016	Low Tide Time	505
D8-A	18 Nov 2016	Comments	Kelp; Seagrass; Algae; Water clear
D8-A	24 Nov 2016	Arrive Time	737

Station	Date	Parameter	Value
D8-A	24 Nov 2016	Weather	Sunny
D8-A	24 Nov 2016	Wind Speed (kts)	1.6
D8-A	24 Nov 2016	Wind Dir	W
D8-A	24 Nov 2016	Animal Life	None
D8-A	24 Nov 2016	Floatables	None
D8-A	24 Nov 2016	Water Color	Green
D8-A	24 Nov 2016	Current Direction	Not Recorded
D8-A	24 Nov 2016	Wave Height Low (ft)	4
D8-A	24 Nov 2016	High Tide (ft)	5.2
D8-A	24 Nov 2016	High Tide Time	555
D8-A	24 Nov 2016	Low Tide (ft)	0.9
D8-A	24 Nov 2016	Low Tide Time	1234
D8-A	24 Nov 2016	Comments	Kelp; Seagrass; Algae; Water clear
D8-A	30 Nov 2016	Arrive Time	1046
D8-A	30 Nov 2016	Weather	Sunny
D8-A	30 Nov 2016	Wind Speed (kts)	1.5
D8-A	30 Nov 2016	Wind Dir	W
D8-A	30 Nov 2016	Animal Life	None
D8-A	30 Nov 2016	Floatables	None
D8-A	30 Nov 2016	Water Color	Green
D8-A	30 Nov 2016	Current Direction	N
D8-A	30 Nov 2016	Wave Height Low (ft)	3
D8-A	30 Nov 2016	High Tide (ft)	5.8
D8-A	30 Nov 2016	High Tide Time	837
D8-A	30 Nov 2016	Low Tide (ft)	-0.4
D8-A	30 Nov 2016	Low Tide Time	1549
D8-A	30 Nov 2016	Comments	Kelp; Seagrass; Algae; Water clear
D9	06 Nov 2016	Arrive Time	808
D9	06 Nov 2016	Weather	Foggy
D9	06 Nov 2016	Wind Speed (kts)	4
D9	06 Nov 2016	Wind Dir	W
D9	06 Nov 2016	Animal Life	None
D9	06 Nov 2016	Floatables	None
D9	06 Nov 2016	Water Color	Green
D9	06 Nov 2016	Current Direction	W
D9	06 Nov 2016	Wave Height Low (ft)	4
D9	06 Nov 2016	High Tide (ft)	4.3
D9	06 Nov 2016	High Tide Time	1218
D9	06 Nov 2016	Low Tide (ft)	3.1
D9	06 Nov 2016	Low Tide Time	624
D9	06 Nov 2016	Comments	Kelp; Seagrass; 4 Persons; Water turbid
D9	12 Nov 2016	Arrive Time	959
D9	12 Nov 2016	Weather	Sunny
D9	12 Nov 2016	Wind Speed (kts)	1.2
D9	12 Nov 2016	Wind Dir	NW
D9	12 Nov 2016	Animal Life	None
D9	12 Nov 2016	Floatables	None
D9	12 Nov 2016	Water Color	Green
D9	12 Nov 2016	Current Direction	NW
D9	12 Nov 2016	Wave Height Low (ft)	2
D9	12 Nov 2016	High Tide (ft)	6.2
D9	12 Nov 2016	High Tide Time	646

Station	Date	Parameter	Value
D9	12 Nov 2016	Low Tide (ft)	-0.4
D9	12 Nov 2016	Low Tide Time	1327
D9	12 Nov 2016	Comments	Kelp; Seagrass; Algae; Water clear
D9	18 Nov 2016	Arrive Time	839
D9	18 Nov 2016	Weather	Sunny
D9	18 Nov 2016	Wind Speed (kts)	0.1
D9	18 Nov 2016	Wind Dir	N
D9	18 Nov 2016	Animal Life	None
D9	18 Nov 2016	Floatables	None
D9	18 Nov 2016	Water Color	Green
D9	18 Nov 2016	Current Direction	Not Recorded
D9	18 Nov 2016	Wave Height Low (ft)	3
D9	18 Nov 2016	High Tide (ft)	5.7
D9	18 Nov 2016	High Tide Time	1106
D9	18 Nov 2016	Low Tide (ft)	2.2
D9	18 Nov 2016	Low Tide Time	505
D9	18 Nov 2016	Comments	Kelp; Seagrass; Algae; 2 Persons; Water clear
D9	24 Nov 2016	Arrive Time	746
D9	24 Nov 2016	Weather	Sunny
D9	24 Nov 2016	Wind Speed (kts)	0.8
D9	24 Nov 2016	Wind Dir	W
D9	24 Nov 2016	Animal Life	None
D9	24 Nov 2016	Floatables	None
D9	24 Nov 2016	Water Color	Green
D9	24 Nov 2016	Current Direction	Not Recorded
D9	24 Nov 2016	Wave Height Low (ft)	4
D9	24 Nov 2016	High Tide (ft)	5.2
D9	24 Nov 2016	High Tide Time	555
D9	24 Nov 2016	Low Tide (ft)	0.9
D9	24 Nov 2016	Low Tide Time	1234
D9	24 Nov 2016	Comments	Kelp; Seagrass; Algae; Water clear
D9	30 Nov 2016	Arrive Time	908
D9	30 Nov 2016	Weather	Sunny
D9	30 Nov 2016	Wind Speed (kts)	0
D9	30 Nov 2016	Wind Dir	
D9	30 Nov 2016	Animal Life	None
D9	30 Nov 2016	Floatables	None
D9	30 Nov 2016	Water Color	Green
D9	30 Nov 2016	Current Direction	N
D9	30 Nov 2016	Wave Height Low (ft)	4
D9	30 Nov 2016	High Tide (ft)	5.8
D9	30 Nov 2016	High Tide Time	837
D9	30 Nov 2016	Low Tide (ft)	1.9
D9	30 Nov 2016	Low Tide Time	231
D9	30 Nov 2016	Comments	Kelp; Seagrass; Water clear
D10	06 Nov 2016	Arrive Time	817
D10	06 Nov 2016	Weather	Foggy
D10	06 Nov 2016	Wind Speed (kts)	3
D10	06 Nov 2016	Wind Dir	W
D10	06 Nov 2016	Animal Life	None
D10	06 Nov 2016	Floatables	None

Station	Date	Parameter	Value
D10	06 Nov 2016	Water Color	Grey
D10	06 Nov 2016	Current Direction	W
D10	06 Nov 2016	Wave Height Low (ft)	3
D10	06 Nov 2016	High Tide (ft)	4.3
D10	06 Nov 2016	High Tide Time	1218
D10	06 Nov 2016	Low Tide (ft)	3.1
D10	06 Nov 2016	Low Tide Time	624
D10	06 Nov 2016	Comments	Kelp; Seagrass; 4 Persons; Water turbid
D10	12 Nov 2016	Arrive Time	1012
D10	12 Nov 2016	Weather	Sunny
D10	12 Nov 2016	Wind Speed (kts)	2.5
D10	12 Nov 2016	Wind Dir	W
D10	12 Nov 2016	Animal Life	None
D10	12 Nov 2016	Floatables	None
D10	12 Nov 2016	Water Color	Green
D10	12 Nov 2016	Current Direction	W
D10	12 Nov 2016	Wave Height Low (ft)	2
D10	12 Nov 2016	High Tide (ft)	6.2
D10	12 Nov 2016	High Tide Time	646
D10	12 Nov 2016	Low Tide (ft)	-0.4
D10	12 Nov 2016	Low Tide Time	1327
D10	12 Nov 2016	Comments	Seagrass; 1 Swimmer; Water clear
D10	18 Nov 2016	Arrive Time	823
D10	18 Nov 2016	Weather	Sunny
D10	18 Nov 2016	Wind Speed (kts)	0.1
D10	18 Nov 2016	Wind Dir	N
D10	18 Nov 2016	Animal Life	None
D10	18 Nov 2016	Floatables	None
D10	18 Nov 2016	Water Color	Green
D10	18 Nov 2016	Current Direction	Not Recorded
D10	18 Nov 2016	Wave Height Low (ft)	2
D10	18 Nov 2016	High Tide (ft)	5.7
D10	18 Nov 2016	High Tide Time	1106
D10	18 Nov 2016	Low Tide (ft)	2.2
D10	18 Nov 2016	Low Tide Time	505
D10	18 Nov 2016	Comments	Kelp; Seagrass; Water clear
D10	24 Nov 2016	Arrive Time	755
D10	24 Nov 2016	Weather	Sunny
D10	24 Nov 2016	Wind Speed (kts)	1
D10	24 Nov 2016	Wind Dir	W
D10	24 Nov 2016	Animal Life	None
D10	24 Nov 2016	Floatables	None
D10	24 Nov 2016	Water Color	Green
D10	24 Nov 2016	Current Direction	Not Recorded
D10	24 Nov 2016	Wave Height Low (ft)	4
D10	24 Nov 2016	High Tide (ft)	5.2
D10	24 Nov 2016	High Tide Time	555
D10	24 Nov 2016	Low Tide (ft)	0.9
D10	24 Nov 2016	Low Tide Time	1234
D10	24 Nov 2016	Comments	Kelp; Seagrass; Algae; Water clear
D10	30 Nov 2016	Arrive Time	943

Station	Date	Parameter	Value
D10	30 Nov 2016	Weather	Sunny
D10	30 Nov 2016	Wind Speed (kts)	3.8
D10	30 Nov 2016	Wind Dir	W
D10	30 Nov 2016	Animal Life	None
D10	30 Nov 2016	Floatables	None
D10	30 Nov 2016	Water Color	Green
D10	30 Nov 2016	Current Direction	N
D10	30 Nov 2016	Wave Height Low (ft)	4
D10	30 Nov 2016	High Tide (ft)	5.8
D10	30 Nov 2016	High Tide Time	837
D10	30 Nov 2016	Low Tide (ft)	-0.4
D10	30 Nov 2016	Low Tide Time	1549
D10	30 Nov 2016	Comments	Kelp; Seagrass; Water clear
D11	06 Nov 2016	Arrive Time	831
D11	06 Nov 2016	Weather	Foggy
D11	06 Nov 2016	Wind Speed (kts)	3
D11	06 Nov 2016	Wind Dir	W
D11	06 Nov 2016	Animal Life	None
D11	06 Nov 2016	Floatables	None
D11	06 Nov 2016	Water Color	Grey
D11	06 Nov 2016	Current Direction	W
D11	06 Nov 2016	Wave Height Low (ft)	3
D11	06 Nov 2016	High Tide (ft)	4.3
D11	06 Nov 2016	High Tide Time	1218
D11	06 Nov 2016	Low Tide (ft)	3.1
D11	06 Nov 2016	Low Tide Time	624
D11	06 Nov 2016	Comments	Kelp; Seagrass; 3 Persons; Water turbid
D11	12 Nov 2016	Arrive Time	1031
D11	12 Nov 2016	Weather	Sunny
D11	12 Nov 2016	Wind Speed (kts)	1.2
D11	12 Nov 2016	Wind Dir	W
D11	12 Nov 2016	Animal Life	None
D11	12 Nov 2016	Floatables	None
D11	12 Nov 2016	Water Color	Green
D11	12 Nov 2016	Current Direction	W
D11	12 Nov 2016	Wave Height Low (ft)	2
D11	12 Nov 2016	High Tide (ft)	6.2
D11	12 Nov 2016	High Tide Time	646
D11	12 Nov 2016	Low Tide (ft)	-0.4
D11	12 Nov 2016	Low Tide Time	1327
D11	12 Nov 2016	Comments	Seagrass; 4 Persons; 1 Swimmer; Water clear
D11	18 Nov 2016	Arrive Time	811
D11	18 Nov 2016	Weather	Sunny
D11	18 Nov 2016	Wind Speed (kts)	0.9
D11	18 Nov 2016	Wind Dir	NE
D11	18 Nov 2016	Animal Life	1 Seagull
D11	18 Nov 2016	Floatables	None
D11	18 Nov 2016	Water Color	Green
D11	18 Nov 2016	Current Direction	Not Recorded
D11	18 Nov 2016	Wave Height Low (ft)	3
D11	18 Nov 2016	High Tide (ft)	5.7
D11	18 Nov 2016	High Tide Time	1106

Station	Date	Parameter	Value
D11	18 Nov 2016	Low Tide (ft)	2.2
D11	18 Nov 2016	Low Tide Time	505
D11	18 Nov 2016	Comments	Seagrass; 2 Persons; 3 Surfers; Water clear
D11	24 Nov 2016	Arrive Time	805
D11	24 Nov 2016	Weather	Sunny
D11	24 Nov 2016	Wind Speed (kts)	1.8
D11	24 Nov 2016	Wind Dir	W
D11	24 Nov 2016	Animal Life	20 Dogs
D11	24 Nov 2016	Floatables	None
D11	24 Nov 2016	Water Color	Green
D11	24 Nov 2016	Current Direction	Not Recorded
D11	24 Nov 2016	Wave Height Low (ft)	4
D11	24 Nov 2016	High Tide (ft)	5.2
D11	24 Nov 2016	High Tide Time	555
D11	24 Nov 2016	Low Tide (ft)	0.9
D11	24 Nov 2016	Low Tide Time	1234
D11	24 Nov 2016	Comments	Kelp; Seagrass; 2 Persons; 3 Surfers; Water clear
D11	30 Nov 2016	Arrive Time	950
D11	30 Nov 2016	Weather	Sunny
D11	30 Nov 2016	Wind Speed (kts)	1.3
D11	30 Nov 2016	Wind Dir	W
D11	30 Nov 2016	Animal Life	None
D11	30 Nov 2016	Floatables	None
D11	30 Nov 2016	Water Color	Green
D11	30 Nov 2016	Current Direction	N
D11	30 Nov 2016	Wave Height Low (ft)	4
D11	30 Nov 2016	High Tide (ft)	5.8
D11	30 Nov 2016	High Tide Time	837
D11	30 Nov 2016	Low Tide (ft)	-0.4
D11	30 Nov 2016	Low Tide Time	1549
D11	30 Nov 2016	Comments	Kelp; Seagrass; Water clear
D12	06 Nov 2016	Arrive Time	855
D12	06 Nov 2016	Weather	Foggy
D12	06 Nov 2016	Wind Speed (kts)	3
D12	06 Nov 2016	Wind Dir	W
D12	06 Nov 2016	Animal Life	5 Seagulls
D12	06 Nov 2016	Floatables	None
D12	06 Nov 2016	Water Color	Grey
D12	06 Nov 2016	Current Direction	W
D12	06 Nov 2016	Wave Height Low (ft)	4
D12	06 Nov 2016	High Tide (ft)	4.3
D12	06 Nov 2016	High Tide Time	1218
D12	06 Nov 2016	Low Tide (ft)	3.1
D12	06 Nov 2016	Low Tide Time	624
D12	06 Nov 2016	Comments	Kelp; Seagrass; Water turbid
D12	12 Nov 2016	Arrive Time	1054
D12	12 Nov 2016	Weather	Sunny
D12	12 Nov 2016	Wind Speed (kts)	2.3
D12	12 Nov 2016	Wind Dir	W
D12	12 Nov 2016	Animal Life	None
D12	12 Nov 2016	Floatables	None

Station	Date	Parameter	Value
D12	12 Nov 2016	Water Color	Green
D12	12 Nov 2016	Current Direction	W
D12	12 Nov 2016	Wave Height Low (ft)	2
D12	12 Nov 2016	High Tide (ft)	6.2
D12	12 Nov 2016	High Tide Time	646
D12	12 Nov 2016	Low Tide (ft)	-0.4
D12	12 Nov 2016	Low Tide Time	1327
D12	12 Nov 2016	Comments	Kelp; 11 Persons; 5 Swimmers; Water clear
D12	18 Nov 2016	Arrive Time	747
D12	18 Nov 2016	Weather	Sunny
D12	18 Nov 2016	Wind Speed (kts)	2.7
D12	18 Nov 2016	Wind Dir	NW
D12	18 Nov 2016	Animal Life	None
D12	18 Nov 2016	Floatables	None
D12	18 Nov 2016	Water Color	Green
D12	18 Nov 2016	Current Direction	Not Recorded
D12	18 Nov 2016	Wave Height Low (ft)	2
D12	18 Nov 2016	High Tide (ft)	5.7
D12	18 Nov 2016	High Tide Time	1106
D12	18 Nov 2016	Low Tide (ft)	2.2
D12	18 Nov 2016	Low Tide Time	505
D12	18 Nov 2016	Comments	Seagrass; 2 Persons; 2 Swimmers; Water clear
D12	24 Nov 2016	Arrive Time	822
D12	24 Nov 2016	Weather	Sunny
D12	24 Nov 2016	Wind Speed (kts)	0.7
D12	24 Nov 2016	Wind Dir	W
D12	24 Nov 2016	Animal Life	None
D12	24 Nov 2016	Floatables	None
D12	24 Nov 2016	Water Color	Green
D12	24 Nov 2016	Current Direction	Not Recorded
D12	24 Nov 2016	Wave Height Low (ft)	3
D12	24 Nov 2016	High Tide (ft)	5.2
D12	24 Nov 2016	High Tide Time	555
D12	24 Nov 2016	Low Tide (ft)	0.9
D12	24 Nov 2016	Low Tide Time	1234
D12	24 Nov 2016	Comments	Kelp; Seagrass; 8 Joggers; 20 Persons; 7 Surfers; 8 Swimmers; Water clear
D12	30 Nov 2016	Arrive Time	1015
D12	30 Nov 2016	Weather	Sunny
D12	30 Nov 2016	Wind Speed (kts)	1.7
D12	30 Nov 2016	Wind Dir	W
D12	30 Nov 2016	Animal Life	None
D12	30 Nov 2016	Floatables	None
D12	30 Nov 2016	Water Color	Green
D12	30 Nov 2016	Current Direction	N
D12	30 Nov 2016	Wave Height Low (ft)	3
D12	30 Nov 2016	High Tide (ft)	5.8
D12	30 Nov 2016	High Tide Time	837
D12	30 Nov 2016	Low Tide (ft)	-0.4
D12	30 Nov 2016	Low Tide Time	1549
D12	30 Nov 2016	Comments	Kelp; Seagrass; Water clear

Kelp Stations

Table 3.1

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2016	4	5	8	2	3	2	3	2
02 Nov 2016	4	5	8	2	3	2	3	2
03 Nov 2016	4	5	8	2	3	2	3	2
04 Nov 2016	4	7	8	2	3	2	4	3
05 Nov 2016	4	7	8	2	3	2	4	3
06 Nov 2016	4	7	8	2	3	2	4	3
07 Nov 2016	3	6	8	2	3	2	4	3
08 Nov 2016	3	6	8	2	3	2	4	3
09 Nov 2016	3	6	8	2	3	2	4	3
10 Nov 2016	3	5	6	4	4	2	4	3
11 Nov 2016	3	5	6	4	4	2	4	3
12 Nov 2016	3	5	6	4	4	2	4	3
13 Nov 2016	3	4	3	4	4	2	4	3
14 Nov 2016	3	4	3	4	4	2	4	3
15 Nov 2016	3	4	3	4	4	2	4	3
16 Nov 2016	4	6	5	4	4	2	5	3
17 Nov 2016	4	6	5	4	4	2	5	3
18 Nov 2016	4	6	5	4	4	2	5	3
19 Nov 2016	3	8	5	4	3	2	6	3
20 Nov 2016	3	7	7	4	3	2	5	3
21 Nov 2016	3	7	7	4	3	2	5	3
22 Nov 2016	3	7	7	4	3	2	5	3
23 Nov 2016	3	7	7	4	3	2	5	3
24 Nov 2016	3	7	7	4	3	2	5	3
25 Nov 2016	4	10	9	4	3	2	6	3
26 Nov 2016	4	10	9	4	3	2	6	3
27 Nov 2016	4	10	9	4	3	2	6	3
28 Nov 2016	4	10	9	4	3	2	6	3
29 Nov 2016	4	9	7	3	3	2	5	4
30 Nov 2016	4	11	10	4	3	2	6	4

* Geometric mean calculated using n<5

Table 3.2

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2016	2	2	3	2	2	2	2	2
02 Nov 2016	2	2	3	2	2	2	2	2
03 Nov 2016	2	2	3	2	2	2	2	2
04 Nov 2016	2	2	3	2	2	2	3	2
05 Nov 2016	2	2	3	2	2	2	3	2
06 Nov 2016	2	2	3	2	2	2	3	2
07 Nov 2016	2	2	3	2	2	2	2	2
08 Nov 2016	2	2	3	2	2	2	2	2
09 Nov 2016	2	2	3	2	2	2	2	2
10 Nov 2016	2	2	3	2	2	2	2	2
11 Nov 2016	2	2	3	2	2	2	2	2
12 Nov 2016	2	2	3	2	2	2	2	2
13 Nov 2016	2	2	2	2	2	2	2	2
14 Nov 2016	2	2	2	2	2	2	2	2
15 Nov 2016	2	2	2	2	2	2	2	2
16 Nov 2016	2	3	2	2	2	2	2	2
17 Nov 2016	2	3	2	2	2	2	2	2
18 Nov 2016	2	3	2	2	2	2	2	2
19 Nov 2016	2	3	2	2	2	2	2	2
20 Nov 2016	2	3	2	2	2	2	2	2
21 Nov 2016	2	3	2	2	2	2	2	2
22 Nov 2016	2	3	2	2	2	2	2	2
23 Nov 2016	2	3	2	2	2	2	2	2
24 Nov 2016	2	3	2	2	2	2	2	2
25 Nov 2016	2	3	3	2	2	2	2	2
26 Nov 2016	2	3	3	2	2	2	2	2
27 Nov 2016	2	3	3	2	2	2	2	2
28 Nov 2016	2	3	3	2	2	2	2	2
29 Nov 2016	2	3	2	2	2	2	2	2
30 Nov 2016	2	3	3	2	2	2	3	2

* Geometric mean calculated using n<5

Table 3.3

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
01 Nov 2016	2	2	2	2	3	2	2	2
02 Nov 2016	2	2	2	2	3	2	2	2
03 Nov 2016	2	2	2	2	3	2	2	2
04 Nov 2016	2	2	2	2	3	2	2	2
05 Nov 2016	2	2	2	2	3	2	2	2
06 Nov 2016	2	2	2	2	3	2	2	2
07 Nov 2016	2	2	2	2	3	2	2	2
08 Nov 2016	2	2	2	2	3	2	2	2
09 Nov 2016	2	2	2	2	3	2	2	2
10 Nov 2016	2	2	2	2	3	2	2	2
11 Nov 2016	2	2	2	2	3	2	2	2
12 Nov 2016	2	2	2	2	3	2	2	2
13 Nov 2016	2	2	2	2	3	2	2	2
14 Nov 2016	2	2	2	2	3	2	2	2
15 Nov 2016	2	2	2	2	3	2	2	2
16 Nov 2016	2	3	2	2	3	2	2	2
17 Nov 2016	2	3	2	2	3	2	2	2
18 Nov 2016	2	3	2	2	3	2	2	2
19 Nov 2016	2	3	2	2	3	2	2	2
20 Nov 2016	2	3	2	2	3	2	2	2
21 Nov 2016	2	3	2	2	3	2	2	2
22 Nov 2016	2	3	2	2	3	2	2	2
23 Nov 2016	2	3	2	2	3	2	2	2
24 Nov 2016	2	3	2	2	3	2	2	2
25 Nov 2016	2	3	2	2	3	2	2	2
26 Nov 2016	2	3	2	2	3	2	2	2
27 Nov 2016	2	3	2	2	3	2	2	2
28 Nov 2016	2	3	2	2	3	2	2	2
29 Nov 2016	2	3	2	2	3	2	2	2
30 Nov 2016	2	3	2	2	2	2	2	2

* Geometric mean calculated using n<5

Table 3.4

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
10 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
16 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
20 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
29 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance
E = Exceedance
ns = not sampled

Table 3.5

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
10 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
16 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
20 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
29 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance
E = Exceedance
ns = not sampled

Table 3.6

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
10 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
16 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
20 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
29 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC

IC = In Compliance
E = Exceedance
ns = not sampled

Table 3.7

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

Date	A1	A6	A7	C4	C5	C6	C7	C8
04 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
10 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
16 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
20 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC
29 Nov 2016	IC	IC	IC	IC	IC	IC	IC	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* (Entero) bacteria are reported as CFU/100 mL; the fecal:total coliform ratio (F:T) is unitless; ammonium (N-NH3) values are reported as mg/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	Entero	F:T	N-NH3	Temp	XMS	DO	Sal	pH
A1	04 Nov 2016	747	1	<2	<2	<2	1.00	ns	15.8	82.64	8.4	33.31	8.1
A1	04 Nov 2016	747	12	<2	<2	6e	1.00	ns	14.6	82.73	7.3	33.28	8.1
A1	04 Nov 2016	747	18	6e	<2	<2	0.33	ns	13.9	85.17	7.0	33.28	8.0
A1	10 Nov 2016	755	1	<2	<2	<2	1.00	<0.01	18.1	86.61	9.2	33.36	8.2
A1	10 Nov 2016	755	12	<2	<2	<2	1.00	<0.01	17.0	84.18	8.1	33.30	8.2
A1	10 Nov 2016	755	18	<2	<2	<2	1.00	<0.01	14.9	77.14	7.6	33.27	8.1
A1	16 Nov 2016	758	1	<2	<2	<2	1.00	ns	16.8	78.96	9.4	33.31	8.2
A1	16 Nov 2016	758	12	4e	<2	<2	0.50	ns	15.8	79.41	8.2	33.29	8.1
A1	16 Nov 2016	758	18	8e	<2	2e	0.25	ns	14.6	82.86	7.4	33.27	8.0
A1	20 Nov 2016	810	1	<2	<2	<2	1.00	ns	16.3	80.05	8.0	33.33	8.1
A1	20 Nov 2016	810	12	8e	<2	<2	0.25	ns	14.7	83.96	6.7	33.28	8.1
A1	20 Nov 2016	810	18	8e	<2	<2	0.25	ns	14.4	83.52	6.8	33.28	8.0
A1	29 Nov 2016	758	1	<2	<2	<2	1.00	ns	15.6	77.42	7.4	33.33	8.1
A1	29 Nov 2016	758	12	<2	<2	<2	1.00	ns	14.9	77.02	6.2	33.29	8.1
A1	29 Nov 2016	758	18	10e	<2	<2	0.20	ns	13.4	80.98	6.1	33.28	8.0
C4	04 Nov 2016	917	1	<2	<2	<2	1.00	ns	16.0	76.20	8.2	33.31	8.1
C4	04 Nov 2016	917	3	<2	<2	<2	1.00	ns	16.0	75.28	8.1	33.31	8.1
C4	04 Nov 2016	917	9	<2	<2	<2	1.00	ns	14.6	78.85	5.7	33.28	8.0
C4	10 Nov 2016	936	1	20e	<2	2e	0.10	<0.01	16.9	46.12	8.0	33.35	8.0
C4	10 Nov 2016	936	3	80e	<2	<2	0.02	<0.01	16.9	45.11	8.0	33.35	8.0
C4	10 Nov 2016	936	9	<20	<2	<2	0.10	<0.01	16.8	14.59	7.6	33.34	8.0
C4	16 Nov 2016	934	1	<2	<2	<2	1.00	ns	17.0	75.12	8.3	33.33	8.1
C4	16 Nov 2016	934	3	<2	<2	<2	1.00	ns	17.0	75.75	8.3	33.33	8.1
C4	16 Nov 2016	934	9	<2	<2	<2	1.00	ns	16.3	79.99	6.7	33.31	8.1
C4	20 Nov 2016	1004	1	<2	<2	<2	1.00	ns	16.3	75.04	8.8	33.33	8.2
C4	20 Nov 2016	1004	3	<2	<2	<2	1.00	ns	16.2	73.45	8.4	33.33	8.2
C4	20 Nov 2016	1004	9	2e	<2	<2	1.00	ns	15.4	73.62	6.3	33.30	8.1
C4	29 Nov 2016	942	1	<2	<2	<2	1.00	ns	15.6	77.87	7.5	33.33	8.1
C4	29 Nov 2016	942	3	<2	<2	<2	1.00	ns	15.6	78.12	7.3	33.33	8.1
C4	29 Nov 2016	942	9	2e	2e	<2	1.00	ns	15.3	76.53	6.0	33.31	8.1
C5	04 Nov 2016	907	1	<2	<2	2e	1.00	ns	16.0	76.32	8.0	33.31	8.1
C5	04 Nov 2016	907	3	<2	<2	<2	1.00	ns	16.0	76.24	8.2	33.31	8.1
C5	04 Nov 2016	907	9	<2	<2	<2	1.00	ns	15.5	82.84	6.4	33.29	8.1
C5	10 Nov 2016	923	1	<2	<2	<2	1.00	<0.01	16.8	59.46	7.9	33.34	8.1
C5	10 Nov 2016	923	3	<20	<2	<2	0.10	<0.01	16.7	57.51	7.9	33.34	8.1

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	N-NH3	Temp	XMS	DO	Sal	pH
C5	10 Nov 2016	923	9	<20	2e	<2	0.10	<0.01	16.1	49.71	7.0	33.32	8.0
C5	16 Nov 2016	922	1	2e	<2	<2	1.00	ns	17.2	67.92	7.2	33.34	8.0
C5	16 Nov 2016	922	3	<2	<2	<2	1.00	ns	17.1	69.80	7.2	33.33	8.0
C5	16 Nov 2016	922	9	2e	<2	<2	1.00	ns	15.9	80.54	6.5	33.28	8.0
C5	20 Nov 2016	949	1	<2	2e	2e	1.00	ns	16.4	77.17	8.5	33.34	8.2
C5	20 Nov 2016	949	3	2e	<2	<2	1.00	ns	16.3	75.66	7.9	33.36	8.2
C5	20 Nov 2016	949	9	6e	2e	<2	0.33	ns	15.6	73.92	6.3	33.53	8.1
C5	29 Nov 2016	930	1	<2	<2	<2	1.00	ns	15.7	59.67	7.3	33.35	8.1
C5	29 Nov 2016	930	3	<2	<2	<2	1.00	ns	15.8	56.55	7.0	33.35	8.1
C5	29 Nov 2016	930	9	<2	<2	<2	1.00	ns	15.1	54.45	5.2	33.30	8.1
A6	04 Nov 2016	810	1	<2	<2	<2	1.00	ns	15.8	80.36	7.7	33.31	8.1
A6	04 Nov 2016	810	12	26e	<2	<2	0.08	ns	13.8	85.47	6.7	33.27	8.0
A6	04 Nov 2016	810	18	42	6e	4e	0.14	ns	13.7	85.71	6.6	33.28	8.0
A6	10 Nov 2016	825	1	<2	<2	<2	1.00	<0.01	18.1	86.85	9.3	33.35	8.2
A6	10 Nov 2016	825	12	2e	<2	<2	1.00	<0.01	17.1	83.35	8.5	33.33	8.2
A6	10 Nov 2016	825	18	<2	<2	<2	1.00	<0.01	14.2	50.82	6.8	33.26	8.1
A6	16 Nov 2016	825	1	<2	<2	<2	1.00	ns	16.7	78.07	8.6	33.32	8.2
A6	16 Nov 2016	825	12	82	12e	<2	0.15	ns	14.6	82.42	7.2	33.26	8.0
A6	16 Nov 2016	825	18	240e	18e	14e	0.07	ns	13.8	81.72	6.4	33.28	8.0
A6	20 Nov 2016	841	1	<2	<2	<2	1.00	ns	16.4	78.73	7.8	33.34	8.1
A6	20 Nov 2016	841	12	2e	<2	<2	1.00	ns	15.8	82.67	7.1	33.32	8.1
A6	20 Nov 2016	841	18	14e	4e	<2	0.29	ns	15.3	83.60	6.8	33.30	8.1
A6	29 Nov 2016	825	1	<2	<2	<2	1.00	ns	15.7	83.11	7.6	33.32	8.1
A6	29 Nov 2016	825	12	10e	<2	<2	0.20	ns	14.7	80.59	6.4	33.30	8.1
A6	29 Nov 2016	825	18	6e	<2	<2	0.33	ns	13.8	78.46	6.3	33.29	8.0
C6	04 Nov 2016	855	1	<2	<2	8e	1.00	ns	16.1	78.15	7.6	33.31	8.1
C6	04 Nov 2016	855	3	<2	<2	<2	1.00	ns	16.1	78.26	7.4	33.31	8.1
C6	04 Nov 2016	855	9	<2	<2	<2	1.00	ns	14.5	80.27	6.3	33.28	8.0
C6	10 Nov 2016	911	1	<2	<2	<2	1.00	<0.01	17.9	84.14	8.9	33.36	8.2
C6	10 Nov 2016	911	3	<2	<2	<2	1.00	<0.01	17.6	83.86	8.0	33.34	8.2
C6	10 Nov 2016	911	9	<2	<2	<2	1.00	<0.01	16.5	69.35	7.6	33.32	8.1
C6	16 Nov 2016	911	1	<2	<2	<2	1.00	ns	17.0	76.47	8.4	33.33	8.1
C6	16 Nov 2016	911	3	<2	<2	<2	1.00	ns	16.9	78.59	8.9	33.33	8.1
C6	16 Nov 2016	911	9	<2	<2	<2	1.00	ns	15.9	81.71	6.6	33.29	8.1
C6	20 Nov 2016	936	1	<2	<2	<2	1.00	ns	16.5	80.60	8.4	33.33	8.2
C6	20 Nov 2016	936	3	<2	<2	<2	1.00	ns	16.4	80.37	8.0	33.33	8.2
C6	20 Nov 2016	936	9	<2	<2	<2	1.00	ns	15.3	79.06	6.5	33.30	8.1
C6	29 Nov 2016	919	1	8e	2e	<2	0.25	ns	15.7	76.00	7.4	33.34	8.1
C6	29 Nov 2016	919	3	6e	<2	<2	0.33	ns	15.6	73.92	7.2	33.34	8.1
C6	29 Nov 2016	919	9	<2	<2	2e	1.00	ns	14.7	67.12	6.0	33.32	8.1
A7	04 Nov 2016	759	1	2e	<2	<2	1.00	ns	15.9	79.45	8.2	33.31	8.1

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	N-NH3	Temp	XMS	DO	Sal	pH
A7	04 Nov 2016	759	12	8e	<2	2e	0.25	ns	14.1	85.19	6.8	33.28	8.0
A7	04 Nov 2016	759	18	24e	<2	<2	0.08	ns	13.8	85.08	6.8	33.29	8.0
A7	10 Nov 2016	808	1	<2	<2	<2	1.00	<0.01	18.1	86.60	9.2	33.36	8.2
A7	10 Nov 2016	808	12	<2	<2	<2	1.00	<0.01	16.0	77.40	7.2	33.30	8.1
A7	10 Nov 2016	808	18	<2	<2	<2	1.00	<0.01	14.5	73.73	7.0	33.27	8.0
A7	16 Nov 2016	812	1	4e	2e	<2	0.50	ns	16.8	79.44	9.0	33.32	8.2
A7	16 Nov 2016	812	12	12e	<2	<2	0.17	ns	14.8	82.29	7.4	33.27	8.1
A7	16 Nov 2016	812	18	110	8e	<2	0.07	ns	14.3	82.82	6.7	33.28	8.0
A7	20 Nov 2016	825	1	<2	<2	<2	1.00	ns	16.3	79.71	7.9	33.34	8.1
A7	20 Nov 2016	825	12	12e	<2	2e	0.17	ns	15.4	82.60	6.8	33.29	8.1
A7	20 Nov 2016	825	18	60	6e	<2	0.10	ns	14.2	83.79	6.8	33.27	8.0
A7	29 Nov 2016	808	1	<2	<2	<2	1.00	ns	15.6	77.17	7.5	33.32	8.1
A7	29 Nov 2016	808	12	4e	<2	2e	0.50	ns	14.3	79.87	6.3	33.30	8.1
A7	29 Nov 2016	808	18	4e	<2	<2	0.50	ns	13.7	79.27	6.0	33.29	8.0
C7	04 Nov 2016	826	1	<2	<2	<2	1.00	ns	16.5	80.05	8.3	33.32	8.1
C7	04 Nov 2016	826	12	4e	<2	<2	0.50	ns	14.5	83.98	6.9	33.27	8.0
C7	04 Nov 2016	826	18	44	10e	<2	0.23	ns	12.9	82.05	6.2	33.28	8.0
C7	10 Nov 2016	838	1	<2	<2	<2	1.00	<0.01	17.9	86.16	9.1	33.35	8.2
C7	10 Nov 2016	838	12	<2	<2	<2	1.00	<0.01	17.3	83.51	8.1	33.34	8.2
C7	10 Nov 2016	838	18	6e	<2	<2	0.33	0.02	15.1	56.46	6.9	33.29	8.1
C7	16 Nov 2016	839	1	2e	<2	<2	1.00	ns	16.8	78.44	9.1	33.32	8.2
C7	16 Nov 2016	839	12	12e	<2	<2	0.17	ns	15.6	83.51	7.2	33.28	8.1
C7	16 Nov 2016	839	18	38e	2e	4e	0.05	ns	14.9	83.58	6.9	33.28	8.1
C7	20 Nov 2016	902	1	<2	<2	<2	1.00	ns	16.5	79.33	8.1	33.33	8.1
C7	20 Nov 2016	902	12	<2	<2	<2	1.00	ns	16.2	76.80	7.3	33.32	8.1
C7	20 Nov 2016	902	18	2e	<2	<2	1.00	ns	14.8	83.64	7.0	33.31	8.1
C7	29 Nov 2016	842	1	2e	<2	<2	1.00	ns	15.7	78.77	7.4	33.34	8.1
C7	29 Nov 2016	842	12	<2	<2	<2	1.00	ns	15.1	81.70	6.6	33.31	8.1
C7	29 Nov 2016	842	18	6e	4e	<2	0.67	ns	14.3	81.19	6.4	33.29	8.1
C8	04 Nov 2016	838	1	<2	<2	4e	1.00	ns	16.5	82.53	8.3	33.33	8.1
C8	04 Nov 2016	838	12	8e	<2	<2	0.25	ns	14.3	83.46	6.6	33.27	8.0
C8	04 Nov 2016	838	18	32e	2e	2e	0.06	ns	13.2	82.50	6.3	33.28	8.0
C8	10 Nov 2016	852	1	2e	<2	<2	1.00	<0.01	18.2	86.91	9.2	33.36	8.2
C8	10 Nov 2016	852	12	<2	<2	<2	1.00	<0.01	17.2	82.26	8.4	33.33	8.2
C8	10 Nov 2016	852	18	2e	2e	<2	1.00	<0.01	14.4	43.09	6.8	33.26	8.1
C8	16 Nov 2016	852	1	<2	<2	<2	1.00	ns	17.2	70.06	8.2	33.34	8.1
C8	16 Nov 2016	852	12	<2	<2	2e	1.00	ns	16.3	80.35	8.3	33.30	8.1
C8	16 Nov 2016	852	18	2e	<2	<2	1.00	ns	15.8	82.23	7.5	33.29	8.1
C8	20 Nov 2016	915	1	4e	<2	<2	0.50	ns	16.5	81.05	7.9	33.35	8.1
C8	20 Nov 2016	915	12	<2	<2	<2	1.00	ns	15.9	80.76	7.2	33.32	8.1
C8	20 Nov 2016	915	18	<2	<2	<2	1.00	ns	15.1	78.45	6.5	33.29	8.1

Station	Date	Time	Depth	Total	Fecal	Entero	F:T	N-NH3	Temp	XMS	DO	Sal	pH
C8	29 Nov 2016	857	1	<2	<2	<2	1.00	ns	15.8	83.31	7.6	33.32	8.1
C8	29 Nov 2016	857	12	6e	<2	<2	0.33	ns	14.9	82.51	6.5	33.29	8.1
C8	29 Nov 2016	857	18	16e	<2	<2	0.12	ns	14.3	81.01	6.5	33.29	8.1

ns = not sampled
ND = no data

Table 3.9

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

Station	Date	Parameter	Value
A1	04 Nov 2016	Depth (m)	18
A1	04 Nov 2016	Arrive Time	747
A1	04 Nov 2016	Depart Time	750
A1	04 Nov 2016	Air Temp (C)	17
A1	04 Nov 2016	Weather	Haze
A1	04 Nov 2016	Visibility (mi)	12
A1	04 Nov 2016	Wind Speed (kts)	5
A1	04 Nov 2016	Wind Dir	SW
A1	04 Nov 2016	Water Color	Green
A1	04 Nov 2016	Wave Ht Low (ft)	4
A1	04 Nov 2016	Wave Period (sec)	13
A1	04 Nov 2016	Sea State	Calm
A1	04 Nov 2016	High Tide (ft)	4.92
A1	04 Nov 2016	High Tide Time	1127
A1	04 Nov 2016	Low Tide (ft)	2.58
A1	04 Nov 2016	Low Tide Time	513
A1	04 Nov 2016	Comments	Kelp; Lobster floats
A1	10 Nov 2016	Depth (m)	19
A1	10 Nov 2016	Arrive Time	755
A1	10 Nov 2016	Depart Time	759
A1	10 Nov 2016	Air Temp (C)	24
A1	10 Nov 2016	Weather	Clear
A1	10 Nov 2016	Visibility (mi)	12
A1	10 Nov 2016	Wind Speed (kts)	6
A1	10 Nov 2016	Wind Dir	E
A1	10 Nov 2016	Water Color	Green
A1	10 Nov 2016	Wave Ht Low (ft)	9
A1	10 Nov 2016	Wave Period (sec)	9
A1	10 Nov 2016	Sea State	Calm
A1	10 Nov 2016	High Tide (ft)	5.12
A1	10 Nov 2016	High Tide Time	536
A1	10 Nov 2016	Low Tide (ft)	1.12
A1	10 Nov 2016	Low Tide Time	1156
A1	10 Nov 2016	Comments	Kelp; Lobster floats
A1	16 Nov 2016	Depth (m)	19
A1	16 Nov 2016	Arrive Time	758
A1	16 Nov 2016	Depart Time	804
A1	16 Nov 2016	Air Temp (C)	17
A1	16 Nov 2016	Weather	Overcast
A1	16 Nov 2016	Visibility (mi)	8
A1	16 Nov 2016	Wind Speed (kts)	2
A1	16 Nov 2016	Wind Dir	W
A1	16 Nov 2016	Water Color	Greenish-Blue
A1	16 Nov 2016	Wave Ht Low (ft)	4
A1	16 Nov 2016	Wave Period (sec)	16
A1	16 Nov 2016	Sea State	Light chop
A1	16 Nov 2016	High Tide (ft)	6.65
A1	16 Nov 2016	High Tide Time	927
A1	16 Nov 2016	Low Tide (ft)	-1.11

Station	Date	Parameter	Value
A1	16 Nov 2016	Low Tide Time	1637
A1	16 Nov 2016	Comments	Lobster floats; Kelp
A1	20 Nov 2016	Depth (m)	18
A1	20 Nov 2016	Arrive Time	810
A1	20 Nov 2016	Depart Time	815
A1	20 Nov 2016	Air Temp (C)	17
A1	20 Nov 2016	Weather	Overcast
A1	20 Nov 2016	Visibility (mi)	5
A1	20 Nov 2016	Wind Speed (kts)	3
A1	20 Nov 2016	Wind Dir	NW
A1	20 Nov 2016	Water Color	Green
A1	20 Nov 2016	Wave Ht Low (ft)	4
A1	20 Nov 2016	Wave Period (sec)	13
A1	20 Nov 2016	Sea State	Calm
A1	20 Nov 2016	High Tide (ft)	4.45
A1	20 Nov 2016	High Tide Time	1326
A1	20 Nov 2016	Low Tide (ft)	2.65
A1	20 Nov 2016	Low Tide Time	753
A1	20 Nov 2016	Comments	Kelp
A1	29 Nov 2016	Depth (m)	19
A1	29 Nov 2016	Arrive Time	758
A1	29 Nov 2016	Depart Time	759
A1	29 Nov 2016	Air Temp (C)	14
A1	29 Nov 2016	Weather	Clear
A1	29 Nov 2016	Visibility (mi)	8
A1	29 Nov 2016	Wind Speed (kts)	3
A1	29 Nov 2016	Wind Dir	S
A1	29 Nov 2016	Water Color	Bluish-Green
A1	29 Nov 2016	Wave Ht Low (ft)	6
A1	29 Nov 2016	Wave Period (sec)	11
A1	29 Nov 2016	Sea State	Confused swell
A1	29 Nov 2016	High Tide (ft)	5.81
A1	29 Nov 2016	High Tide Time	809
A1	29 Nov 2016	Low Tide (ft)	-0.34
A1	29 Nov 2016	Low Tide Time	1515
A1	29 Nov 2016	Comments	
C4	04 Nov 2016	Depth (m)	9
C4	04 Nov 2016	Arrive Time	917
C4	04 Nov 2016	Depart Time	921
C4	04 Nov 2016	Air Temp (C)	17
C4	04 Nov 2016	Weather	Haze
C4	04 Nov 2016	Visibility (mi)	12
C4	04 Nov 2016	Wind Speed (kts)	2
C4	04 Nov 2016	Wind Dir	SW
C4	04 Nov 2016	Water Color	Green
C4	04 Nov 2016	Wave Ht Low (ft)	4
C4	04 Nov 2016	Wave Period (sec)	13
C4	04 Nov 2016	Sea State	Calm
C4	04 Nov 2016	High Tide (ft)	4.92
C4	04 Nov 2016	High Tide Time	1127
C4	04 Nov 2016	Low Tide (ft)	2.58
C4	04 Nov 2016	Low Tide Time	513

Station	Date	Parameter	Value
C4	04 Nov 2016	Comments	Kelp; Lobster floats
C4	10 Nov 2016	Depth (m)	10
C4	10 Nov 2016	Arrive Time	936
C4	10 Nov 2016	Depart Time	941
C4	10 Nov 2016	Air Temp (C)	22
C4	10 Nov 2016	Weather	Clear
C4	10 Nov 2016	Visibility (mi)	12
C4	10 Nov 2016	Wind Speed (kts)	3
C4	10 Nov 2016	Wind Dir	SW
C4	10 Nov 2016	Water Color	Greenish-Brown
C4	10 Nov 2016	Wave Ht Low (ft)	9
C4	10 Nov 2016	Wave Period (sec)	9
C4	10 Nov 2016	Sea State	Calm
C4	10 Nov 2016	High Tide (ft)	5.12
C4	10 Nov 2016	High Tide Time	536
C4	10 Nov 2016	Low Tide (ft)	1.12
C4	10 Nov 2016	Low Tide Time	1156
C4	10 Nov 2016	Comments	Seagrass; Boats; Lobster traps; Very large surf waves causing low transmissivity; Kelp
C4	16 Nov 2016	Depth (m)	9
C4	16 Nov 2016	Arrive Time	934
C4	16 Nov 2016	Depart Time	943
C4	16 Nov 2016	Air Temp (C)	17
C4	16 Nov 2016	Weather	Overcast
C4	16 Nov 2016	Visibility (mi)	9
C4	16 Nov 2016	Wind Speed (kts)	4
C4	16 Nov 2016	Wind Dir	S
C4	16 Nov 2016	Water Color	Bluish-Green
C4	16 Nov 2016	Wave Ht Low (ft)	4
C4	16 Nov 2016	Wave Period (sec)	16
C4	16 Nov 2016	Sea State	Light chop
C4	16 Nov 2016	High Tide (ft)	6.65
C4	16 Nov 2016	High Tide Time	927
C4	16 Nov 2016	Low Tide (ft)	-1.11
C4	16 Nov 2016	Low Tide Time	1637
C4	16 Nov 2016	Comments	Lobster floats; Kelp
C4	20 Nov 2016	Depth (m)	9
C4	20 Nov 2016	Arrive Time	1004
C4	20 Nov 2016	Depart Time	1010
C4	20 Nov 2016	Air Temp (C)	16
C4	20 Nov 2016	Weather	Overcast
C4	20 Nov 2016	Visibility (mi)	5
C4	20 Nov 2016	Wind Speed (kts)	3
C4	20 Nov 2016	Wind Dir	SE
C4	20 Nov 2016	Water Color	Green
C4	20 Nov 2016	Wave Ht Low (ft)	4
C4	20 Nov 2016	Wave Period (sec)	13
C4	20 Nov 2016	Sea State	Calm
C4	20 Nov 2016	High Tide (ft)	4.45
C4	20 Nov 2016	High Tide Time	1326
C4	20 Nov 2016	Low Tide (ft)	2.65
C4	20 Nov 2016	Low Tide Time	753

Station	Date	Parameter	Value
C4	20 Nov 2016	Comments	Kelp; Several boats on station; Lobster floats
C4	29 Nov 2016	Depth (m)	10
C4	29 Nov 2016	Arrive Time	942
C4	29 Nov 2016	Depart Time	945
C4	29 Nov 2016	Air Temp (C)	14
C4	29 Nov 2016	Weather	Clear
C4	29 Nov 2016	Visibility (mi)	8
C4	29 Nov 2016	Wind Speed (kts)	3
C4	29 Nov 2016	Wind Dir	N
C4	29 Nov 2016	Water Color	Green
C4	29 Nov 2016	Wave Ht Low (ft)	6
C4	29 Nov 2016	Wave Period (sec)	11
C4	29 Nov 2016	Sea State	Confused swell
C4	29 Nov 2016	High Tide (ft)	5.81
C4	29 Nov 2016	High Tide Time	809
C4	29 Nov 2016	Low Tide (ft)	-0.34
C4	29 Nov 2016	Low Tide Time	1515
C4	29 Nov 2016	Comments	
C5	04 Nov 2016	Depth (m)	9
C5	04 Nov 2016	Arrive Time	907
C5	04 Nov 2016	Depart Time	911
C5	04 Nov 2016	Air Temp (C)	17
C5	04 Nov 2016	Weather	Haze
C5	04 Nov 2016	Visibility (mi)	12
C5	04 Nov 2016	Wind Speed (kts)	0
C5	04 Nov 2016	Wind Dir	
C5	04 Nov 2016	Water Color	Green
C5	04 Nov 2016	Wave Ht Low (ft)	4
C5	04 Nov 2016	Wave Period (sec)	13
C5	04 Nov 2016	Sea State	Calm
C5	04 Nov 2016	High Tide (ft)	4.92
C5	04 Nov 2016	High Tide Time	1127
C5	04 Nov 2016	Low Tide (ft)	2.58
C5	04 Nov 2016	Low Tide Time	513
C5	04 Nov 2016	Comments	Kelp; Lobster floats
C5	10 Nov 2016	Depth (m)	12
C5	10 Nov 2016	Arrive Time	923
C5	10 Nov 2016	Depart Time	927
C5	10 Nov 2016	Air Temp (C)	21
C5	10 Nov 2016	Weather	Clear
C5	10 Nov 2016	Visibility (mi)	12
C5	10 Nov 2016	Wind Speed (kts)	0
C5	10 Nov 2016	Wind Dir	
C5	10 Nov 2016	Water Color	Greenish-Brown
C5	10 Nov 2016	Wave Ht Low (ft)	9
C5	10 Nov 2016	Wave Period (sec)	9
C5	10 Nov 2016	Sea State	Calm
C5	10 Nov 2016	High Tide (ft)	5.12
C5	10 Nov 2016	High Tide Time	536
C5	10 Nov 2016	Low Tide (ft)	1.12
C5	10 Nov 2016	Low Tide Time	1156
C5	10 Nov 2016	Comments	Very large surf waves causing low transmissivity; Kelp; Lobster floats

Station	Date	Parameter	Value
C5	16 Nov 2016	Depth (m)	10
C5	16 Nov 2016	Arrive Time	922
C5	16 Nov 2016	Depart Time	928
C5	16 Nov 2016	Air Temp (C)	17
C5	16 Nov 2016	Weather	Overcast
C5	16 Nov 2016	Visibility (mi)	9
C5	16 Nov 2016	Wind Speed (kts)	4
C5	16 Nov 2016	Wind Dir	NW
C5	16 Nov 2016	Water Color	Bluish-Green
C5	16 Nov 2016	Wave Ht Low (ft)	4
C5	16 Nov 2016	Wave Period (sec)	16
C5	16 Nov 2016	Sea State	Light chop
C5	16 Nov 2016	High Tide (ft)	6.65
C5	16 Nov 2016	High Tide Time	927
C5	16 Nov 2016	Low Tide (ft)	-1.11
C5	16 Nov 2016	Low Tide Time	1637
C5	16 Nov 2016	Comments	Lobster floats
C5	20 Nov 2016	Depth (m)	10
C5	20 Nov 2016	Arrive Time	949
C5	20 Nov 2016	Depart Time	954
C5	20 Nov 2016	Air Temp (C)	17
C5	20 Nov 2016	Weather	Overcast
C5	20 Nov 2016	Visibility (mi)	5
C5	20 Nov 2016	Wind Speed (kts)	4
C5	20 Nov 2016	Wind Dir	SE
C5	20 Nov 2016	Water Color	Green
C5	20 Nov 2016	Wave Ht Low (ft)	4
C5	20 Nov 2016	Wave Period (sec)	13
C5	20 Nov 2016	Sea State	Calm
C5	20 Nov 2016	High Tide (ft)	4.45
C5	20 Nov 2016	High Tide Time	1326
C5	20 Nov 2016	Low Tide (ft)	2.65
C5	20 Nov 2016	Low Tide Time	753
C5	20 Nov 2016	Comments	Red tuna crab at surface 1-3; Kelp; Lobster floats
C5	29 Nov 2016	Depth (m)	10
C5	29 Nov 2016	Arrive Time	930
C5	29 Nov 2016	Depart Time	933
C5	29 Nov 2016	Air Temp (C)	15
C5	29 Nov 2016	Weather	Clear
C5	29 Nov 2016	Visibility (mi)	8
C5	29 Nov 2016	Wind Speed (kts)	2
C5	29 Nov 2016	Wind Dir	N
C5	29 Nov 2016	Water Color	Greenish-Brown
C5	29 Nov 2016	Wave Ht Low (ft)	6
C5	29 Nov 2016	Wave Period (sec)	11
C5	29 Nov 2016	Sea State	Confused swell
C5	29 Nov 2016	High Tide (ft)	5.81
C5	29 Nov 2016	High Tide Time	809
C5	29 Nov 2016	Low Tide (ft)	-0.34
C5	29 Nov 2016	Low Tide Time	1515
C5	29 Nov 2016	Comments	

Station	Date	Parameter	Value
A6	04 Nov 2016	Depth (m)	18
A6	04 Nov 2016	Arrive Time	810
A6	04 Nov 2016	Depart Time	815
A6	04 Nov 2016	Air Temp (C)	17
A6	04 Nov 2016	Weather	Haze
A6	04 Nov 2016	Visibility (mi)	12
A6	04 Nov 2016	Wind Speed (kts)	0
A6	04 Nov 2016	Wind Dir	
A6	04 Nov 2016	Water Color	Green
A6	04 Nov 2016	Wave Ht Low (ft)	4
A6	04 Nov 2016	Wave Period (sec)	13
A6	04 Nov 2016	Sea State	Calm
A6	04 Nov 2016	High Tide (ft)	4.92
A6	04 Nov 2016	High Tide Time	1127
A6	04 Nov 2016	Low Tide (ft)	2.58
A6	04 Nov 2016	Low Tide Time	513
A6	04 Nov 2016	Comments	Kelp; Lobster floats
A6	10 Nov 2016	Depth (m)	19
A6	10 Nov 2016	Arrive Time	825
A6	10 Nov 2016	Depart Time	830
A6	10 Nov 2016	Air Temp (C)	20
A6	10 Nov 2016	Weather	Clear
A6	10 Nov 2016	Visibility (mi)	12
A6	10 Nov 2016	Wind Speed (kts)	4
A6	10 Nov 2016	Wind Dir	S
A6	10 Nov 2016	Water Color	Green
A6	10 Nov 2016	Wave Ht Low (ft)	9
A6	10 Nov 2016	Wave Period (sec)	9
A6	10 Nov 2016	Sea State	Calm
A6	10 Nov 2016	High Tide (ft)	5.12
A6	10 Nov 2016	High Tide Time	536
A6	10 Nov 2016	Low Tide (ft)	1.12
A6	10 Nov 2016	Low Tide Time	1156
A6	10 Nov 2016	Comments	Kelp; Lobster floats
A6	16 Nov 2016	Depth (m)	18
A6	16 Nov 2016	Arrive Time	825
A6	16 Nov 2016	Depart Time	831
A6	16 Nov 2016	Air Temp (C)	17
A6	16 Nov 2016	Weather	Overcast
A6	16 Nov 2016	Visibility (mi)	8
A6	16 Nov 2016	Wind Speed (kts)	3
A6	16 Nov 2016	Wind Dir	SE
A6	16 Nov 2016	Water Color	Bluish-Green
A6	16 Nov 2016	Wave Ht Low (ft)	4
A6	16 Nov 2016	Wave Period (sec)	16
A6	16 Nov 2016	Sea State	Light chop
A6	16 Nov 2016	High Tide (ft)	6.65
A6	16 Nov 2016	High Tide Time	927
A6	16 Nov 2016	Low Tide (ft)	-1.11
A6	16 Nov 2016	Low Tide Time	1637
A6	16 Nov 2016	Comments	Lobster floats; Kelp debris
A6	20 Nov 2016	Depth (m)	18

Station	Date	Parameter	Value
A6	20 Nov 2016	Arrive Time	841
A6	20 Nov 2016	Depart Time	847
A6	20 Nov 2016	Air Temp (C)	17
A6	20 Nov 2016	Weather	Overcast
A6	20 Nov 2016	Visibility (mi)	5
A6	20 Nov 2016	Wind Speed (kts)	3
A6	20 Nov 2016	Wind Dir	NE
A6	20 Nov 2016	Water Color	Green
A6	20 Nov 2016	Wave Ht Low (ft)	4
A6	20 Nov 2016	Wave Period (sec)	13
A6	20 Nov 2016	Sea State	Calm
A6	20 Nov 2016	High Tide (ft)	4.45
A6	20 Nov 2016	High Tide Time	1326
A6	20 Nov 2016	Low Tide (ft)	2.65
A6	20 Nov 2016	Low Tide Time	753
A6	20 Nov 2016	Comments	Lobster floats; Kelp
A6	29 Nov 2016	Depth (m)	18
A6	29 Nov 2016	Arrive Time	825
A6	29 Nov 2016	Depart Time	831
A6	29 Nov 2016	Air Temp (C)	14
A6	29 Nov 2016	Weather	Clear
A6	29 Nov 2016	Visibility (mi)	8
A6	29 Nov 2016	Wind Speed (kts)	4
A6	29 Nov 2016	Wind Dir	NE
A6	29 Nov 2016	Water Color	Bluish-Green
A6	29 Nov 2016	Wave Ht Low (ft)	6
A6	29 Nov 2016	Wave Period (sec)	11
A6	29 Nov 2016	Sea State	Confused swell
A6	29 Nov 2016	High Tide (ft)	5.81
A6	29 Nov 2016	High Tide Time	809
A6	29 Nov 2016	Low Tide (ft)	-0.34
A6	29 Nov 2016	Low Tide Time	1515
A6	29 Nov 2016	Comments	
C6	04 Nov 2016	Depth (m)	9
C6	04 Nov 2016	Arrive Time	855
C6	04 Nov 2016	Depart Time	859
C6	04 Nov 2016	Air Temp (C)	17
C6	04 Nov 2016	Weather	Haze
C6	04 Nov 2016	Visibility (mi)	12
C6	04 Nov 2016	Wind Speed (kts)	2
C6	04 Nov 2016	Wind Dir	S
C6	04 Nov 2016	Water Color	Green
C6	04 Nov 2016	Wave Ht Low (ft)	4
C6	04 Nov 2016	Wave Period (sec)	13
C6	04 Nov 2016	Sea State	Calm
C6	04 Nov 2016	High Tide (ft)	4.92
C6	04 Nov 2016	High Tide Time	1127
C6	04 Nov 2016	Low Tide (ft)	2.58
C6	04 Nov 2016	Low Tide Time	513
C6	04 Nov 2016	Comments	Kelp; Lobster floats
C6	10 Nov 2016	Depth (m)	10
C6	10 Nov 2016	Arrive Time	911

Station	Date	Parameter	Value
C6	10 Nov 2016	Depart Time	914
C6	10 Nov 2016	Air Temp (C)	20
C6	10 Nov 2016	Weather	Clear
C6	10 Nov 2016	Visibility (mi)	12
C6	10 Nov 2016	Wind Speed (kts)	1
C6	10 Nov 2016	Wind Dir	E
C6	10 Nov 2016	Water Color	Green
C6	10 Nov 2016	Wave Ht Low (ft)	9
C6	10 Nov 2016	Wave Period (sec)	9
C6	10 Nov 2016	Sea State	Calm
C6	10 Nov 2016	High Tide (ft)	5.12
C6	10 Nov 2016	High Tide Time	536
C6	10 Nov 2016	Low Tide (ft)	1.12
C6	10 Nov 2016	Low Tide Time	1156
C6	10 Nov 2016	Comments	very large surf waves causing low transmissivity; Kelp
C6	16 Nov 2016	Depth (m)	10
C6	16 Nov 2016	Arrive Time	911
C6	16 Nov 2016	Depart Time	917
C6	16 Nov 2016	Air Temp (C)	18
C6	16 Nov 2016	Weather	Overcast
C6	16 Nov 2016	Visibility (mi)	9
C6	16 Nov 2016	Wind Speed (kts)	4
C6	16 Nov 2016	Wind Dir	E
C6	16 Nov 2016	Water Color	Bluish-Green
C6	16 Nov 2016	Wave Ht Low (ft)	4
C6	16 Nov 2016	Wave Period (sec)	16
C6	16 Nov 2016	Sea State	Light chop
C6	16 Nov 2016	High Tide (ft)	6.65
C6	16 Nov 2016	High Tide Time	927
C6	16 Nov 2016	Low Tide (ft)	-1.11
C6	16 Nov 2016	Low Tide Time	1637
C6	16 Nov 2016	Comments	Lobster floats
C6	20 Nov 2016	Depth (m)	9
C6	20 Nov 2016	Arrive Time	936
C6	20 Nov 2016	Depart Time	941
C6	20 Nov 2016	Air Temp (C)	17
C6	20 Nov 2016	Weather	Overcast
C6	20 Nov 2016	Visibility (mi)	5
C6	20 Nov 2016	Wind Speed (kts)	2
C6	20 Nov 2016	Wind Dir	N
C6	20 Nov 2016	Water Color	Green
C6	20 Nov 2016	Wave Ht Low (ft)	4
C6	20 Nov 2016	Wave Period (sec)	13
C6	20 Nov 2016	Sea State	Calm
C6	20 Nov 2016	High Tide (ft)	4.45
C6	20 Nov 2016	High Tide Time	1326
C6	20 Nov 2016	Low Tide (ft)	2.65
C6	20 Nov 2016	Low Tide Time	753
C6	20 Nov 2016	Comments	Kelp; Lobster floats
C6	29 Nov 2016	Depth (m)	10
C6	29 Nov 2016	Arrive Time	919
C6	29 Nov 2016	Depart Time	922

Station	Date	Parameter	Value
C6	29 Nov 2016	Air Temp (C)	14
C6	29 Nov 2016	Weather	Clear
C6	29 Nov 2016	Visibility (mi)	8
C6	29 Nov 2016	Wind Speed (kts)	3
C6	29 Nov 2016	Wind Dir	NE
C6	29 Nov 2016	Water Color	Bluish-Green
C6	29 Nov 2016	Wave Ht Low (ft)	6
C6	29 Nov 2016	Wave Period (sec)	11
C6	29 Nov 2016	Sea State	Confused swell
C6	29 Nov 2016	High Tide (ft)	5.81
C6	29 Nov 2016	High Tide Time	809
C6	29 Nov 2016	Low Tide (ft)	-0.34
C6	29 Nov 2016	Low Tide Time	1515
C6	29 Nov 2016	Comments	
A7	04 Nov 2016	Depth (m)	18
A7	04 Nov 2016	Arrive Time	759
A7	04 Nov 2016	Depart Time	802
A7	04 Nov 2016	Air Temp (C)	17
A7	04 Nov 2016	Weather	Haze
A7	04 Nov 2016	Visibility (mi)	12
A7	04 Nov 2016	Wind Speed (kts)	1
A7	04 Nov 2016	Wind Dir	SE
A7	04 Nov 2016	Water Color	Green
A7	04 Nov 2016	Wave Ht Low (ft)	4
A7	04 Nov 2016	Wave Period (sec)	13
A7	04 Nov 2016	Sea State	Calm
A7	04 Nov 2016	High Tide (ft)	4.92
A7	04 Nov 2016	High Tide Time	1127
A7	04 Nov 2016	Low Tide (ft)	2.58
A7	04 Nov 2016	Low Tide Time	513
A7	04 Nov 2016	Comments	Kelp; Lobster floats
A7	10 Nov 2016	Depth (m)	19
A7	10 Nov 2016	Arrive Time	808
A7	10 Nov 2016	Depart Time	814
A7	10 Nov 2016	Air Temp (C)	22
A7	10 Nov 2016	Weather	Clear
A7	10 Nov 2016	Visibility (mi)	12
A7	10 Nov 2016	Wind Speed (kts)	3
A7	10 Nov 2016	Wind Dir	NE
A7	10 Nov 2016	Water Color	Green
A7	10 Nov 2016	Wave Ht Low (ft)	9
A7	10 Nov 2016	Wave Period (sec)	9
A7	10 Nov 2016	Sea State	Calm
A7	10 Nov 2016	High Tide (ft)	5.12
A7	10 Nov 2016	High Tide Time	536
A7	10 Nov 2016	Low Tide (ft)	1.12
A7	10 Nov 2016	Low Tide Time	1156
A7	10 Nov 2016	Comments	Kelp; Lobster floats
A7	16 Nov 2016	Depth (m)	19
A7	16 Nov 2016	Arrive Time	812
A7	16 Nov 2016	Depart Time	819
A7	16 Nov 2016	Air Temp (C)	17

Station	Date	Parameter	Value
A7	16 Nov 2016	Weather	Overcast
A7	16 Nov 2016	Visibility (mi)	8
A7	16 Nov 2016	Wind Speed (kts)	3
A7	16 Nov 2016	Wind Dir	SW
A7	16 Nov 2016	Water Color	Greenish-Blue
A7	16 Nov 2016	Wave Ht Low (ft)	4
A7	16 Nov 2016	Wave Period (sec)	16
A7	16 Nov 2016	Sea State	Light chop
A7	16 Nov 2016	High Tide (ft)	6.65
A7	16 Nov 2016	High Tide Time	927
A7	16 Nov 2016	Low Tide (ft)	-1.11
A7	16 Nov 2016	Low Tide Time	1637
A7	16 Nov 2016	Comments	Lobster floats; Kelp
A7	20 Nov 2016	Depth (m)	18
A7	20 Nov 2016	Arrive Time	825
A7	20 Nov 2016	Depart Time	830
A7	20 Nov 2016	Air Temp (C)	17
A7	20 Nov 2016	Weather	Overcast
A7	20 Nov 2016	Visibility (mi)	5
A7	20 Nov 2016	Wind Speed (kts)	4
A7	20 Nov 2016	Wind Dir	S
A7	20 Nov 2016	Water Color	Green
A7	20 Nov 2016	Wave Ht Low (ft)	4
A7	20 Nov 2016	Wave Period (sec)	13
A7	20 Nov 2016	Sea State	Calm
A7	20 Nov 2016	High Tide (ft)	4.45
A7	20 Nov 2016	High Tide Time	1326
A7	20 Nov 2016	Low Tide (ft)	2.65
A7	20 Nov 2016	Low Tide Time	753
A7	20 Nov 2016	Comments	Kelp; Boats on station; birds on station; Lobster floats
A7	29 Nov 2016	Depth (m)	18
A7	29 Nov 2016	Arrive Time	808
A7	29 Nov 2016	Depart Time	817
A7	29 Nov 2016	Air Temp (C)	14
A7	29 Nov 2016	Weather	Clear
A7	29 Nov 2016	Visibility (mi)	8
A7	29 Nov 2016	Wind Speed (kts)	0
A7	29 Nov 2016	Wind Dir	
A7	29 Nov 2016	Water Color	Bluish-Green
A7	29 Nov 2016	Wave Ht Low (ft)	6
A7	29 Nov 2016	Wave Period (sec)	11
A7	29 Nov 2016	Sea State	Confused swell
A7	29 Nov 2016	High Tide (ft)	5.81
A7	29 Nov 2016	High Tide Time	809
A7	29 Nov 2016	Low Tide (ft)	-0.34
A7	29 Nov 2016	Low Tide Time	1515
A7	29 Nov 2016	Comments	
C7	04 Nov 2016	Depth (m)	18
C7	04 Nov 2016	Arrive Time	826
C7	04 Nov 2016	Depart Time	831
C7	04 Nov 2016	Air Temp (C)	17
C7	04 Nov 2016	Weather	Haze

Station	Date	Parameter	Value
C7	04 Nov 2016	Visibility (mi)	12
C7	04 Nov 2016	Wind Speed (kts)	1
C7	04 Nov 2016	Wind Dir	SE
C7	04 Nov 2016	Water Color	Green
C7	04 Nov 2016	Wave Ht Low (ft)	4
C7	04 Nov 2016	Wave Period (sec)	13
C7	04 Nov 2016	Sea State	Calm
C7	04 Nov 2016	High Tide (ft)	4.92
C7	04 Nov 2016	High Tide Time	1127
C7	04 Nov 2016	Low Tide (ft)	2.58
C7	04 Nov 2016	Low Tide Time	513
C7	04 Nov 2016	Comments	Kelp; Lobster floats
C7	10 Nov 2016	Depth (m)	19
C7	10 Nov 2016	Arrive Time	838
C7	10 Nov 2016	Depart Time	842
C7	10 Nov 2016	Air Temp (C)	20
C7	10 Nov 2016	Weather	Clear
C7	10 Nov 2016	Visibility (mi)	12
C7	10 Nov 2016	Wind Speed (kts)	4
C7	10 Nov 2016	Wind Dir	SW
C7	10 Nov 2016	Water Color	Green
C7	10 Nov 2016	Wave Ht Low (ft)	9
C7	10 Nov 2016	Wave Period (sec)	9
C7	10 Nov 2016	Sea State	Calm
C7	10 Nov 2016	High Tide (ft)	5.12
C7	10 Nov 2016	High Tide Time	536
C7	10 Nov 2016	Low Tide (ft)	1.12
C7	10 Nov 2016	Low Tide Time	1156
C7	10 Nov 2016	Comments	Kelp; Lobster floats
C7	16 Nov 2016	Depth (m)	19
C7	16 Nov 2016	Arrive Time	839
C7	16 Nov 2016	Depart Time	846
C7	16 Nov 2016	Air Temp (C)	17
C7	16 Nov 2016	Weather	Overcast
C7	16 Nov 2016	Visibility (mi)	8
C7	16 Nov 2016	Wind Speed (kts)	3
C7	16 Nov 2016	Wind Dir	W
C7	16 Nov 2016	Water Color	Bluish-Green
C7	16 Nov 2016	Wave Ht Low (ft)	4
C7	16 Nov 2016	Wave Period (sec)	16
C7	16 Nov 2016	Sea State	Light chop
C7	16 Nov 2016	High Tide (ft)	6.65
C7	16 Nov 2016	High Tide Time	927
C7	16 Nov 2016	Low Tide (ft)	-1.11
C7	16 Nov 2016	Low Tide Time	1637
C7	16 Nov 2016	Comments	Lobster floats
C7	20 Nov 2016	Depth (m)	18
C7	20 Nov 2016	Arrive Time	902
C7	20 Nov 2016	Depart Time	907
C7	20 Nov 2016	Air Temp (C)	17
C7	20 Nov 2016	Weather	Overcast
C7	20 Nov 2016	Visibility (mi)	5

Station	Date	Parameter	Value
C7	20 Nov 2016	Wind Speed (kts)	1
C7	20 Nov 2016	Wind Dir	N
C7	20 Nov 2016	Water Color	Green
C7	20 Nov 2016	Wave Ht Low (ft)	4
C7	20 Nov 2016	Wave Period (sec)	13
C7	20 Nov 2016	Sea State	Calm
C7	20 Nov 2016	High Tide (ft)	4.45
C7	20 Nov 2016	High Tide Time	1326
C7	20 Nov 2016	Low Tide (ft)	2.65
C7	20 Nov 2016	Low Tide Time	753
C7	20 Nov 2016	Comments	Kelp; Lobster floats
C7	29 Nov 2016	Depth (m)	18
C7	29 Nov 2016	Arrive Time	842
C7	29 Nov 2016	Depart Time	849
C7	29 Nov 2016	Air Temp (C)	14
C7	29 Nov 2016	Weather	Clear
C7	29 Nov 2016	Visibility (mi)	8
C7	29 Nov 2016	Wind Speed (kts)	0
C7	29 Nov 2016	Wind Dir	
C7	29 Nov 2016	Water Color	Bluish-Green
C7	29 Nov 2016	Wave Ht Low (ft)	6
C7	29 Nov 2016	Wave Period (sec)	11
C7	29 Nov 2016	Sea State	Confused swell
C7	29 Nov 2016	High Tide (ft)	5.81
C7	29 Nov 2016	High Tide Time	809
C7	29 Nov 2016	Low Tide (ft)	-0.34
C7	29 Nov 2016	Low Tide Time	1515
C7	29 Nov 2016	Comments	
C8	04 Nov 2016	Depth (m)	18
C8	04 Nov 2016	Arrive Time	838
C8	04 Nov 2016	Depart Time	840
C8	04 Nov 2016	Air Temp (C)	17
C8	04 Nov 2016	Weather	Haze
C8	04 Nov 2016	Visibility (mi)	12
C8	04 Nov 2016	Wind Speed (kts)	2
C8	04 Nov 2016	Wind Dir	E
C8	04 Nov 2016	Water Color	Green
C8	04 Nov 2016	Wave Ht Low (ft)	4
C8	04 Nov 2016	Wave Period (sec)	13
C8	04 Nov 2016	Sea State	Calm
C8	04 Nov 2016	High Tide (ft)	4.92
C8	04 Nov 2016	High Tide Time	1127
C8	04 Nov 2016	Low Tide (ft)	2.58
C8	04 Nov 2016	Low Tide Time	513
C8	04 Nov 2016	Comments	Lobster floats
C8	10 Nov 2016	Depth (m)	18
C8	10 Nov 2016	Arrive Time	852
C8	10 Nov 2016	Depart Time	856
C8	10 Nov 2016	Air Temp (C)	23
C8	10 Nov 2016	Weather	Clear
C8	10 Nov 2016	Visibility (mi)	12
C8	10 Nov 2016	Wind Speed (kts)	5

Station	Date	Parameter	Value
C8	10 Nov 2016	Wind Dir	S
C8	10 Nov 2016	Water Color	Green
C8	10 Nov 2016	Wave Ht Low (ft)	9
C8	10 Nov 2016	Wave Period (sec)	9
C8	10 Nov 2016	Sea State	Calm
C8	10 Nov 2016	High Tide (ft)	5.12
C8	10 Nov 2016	High Tide Time	536
C8	10 Nov 2016	Low Tide (ft)	1.12
C8	10 Nov 2016	Low Tide Time	1156
C8	10 Nov 2016	Comments	Kelp debris; Lobster floats
C8	16 Nov 2016	Depth (m)	18
C8	16 Nov 2016	Arrive Time	852
C8	16 Nov 2016	Depart Time	859
C8	16 Nov 2016	Air Temp (C)	17
C8	16 Nov 2016	Weather	Overcast
C8	16 Nov 2016	Visibility (mi)	8
C8	16 Nov 2016	Wind Speed (kts)	5
C8	16 Nov 2016	Wind Dir	SE
C8	16 Nov 2016	Water Color	Bluish-Green
C8	16 Nov 2016	Wave Ht Low (ft)	4
C8	16 Nov 2016	Wave Period (sec)	16
C8	16 Nov 2016	Sea State	Light chop
C8	16 Nov 2016	High Tide (ft)	6.65
C8	16 Nov 2016	High Tide Time	927
C8	16 Nov 2016	Low Tide (ft)	-1.11
C8	16 Nov 2016	Low Tide Time	1637
C8	16 Nov 2016	Comments	Lobster floats
C8	20 Nov 2016	Depth (m)	18
C8	20 Nov 2016	Arrive Time	915
C8	20 Nov 2016	Depart Time	919
C8	20 Nov 2016	Air Temp (C)	17
C8	20 Nov 2016	Weather	Overcast
C8	20 Nov 2016	Visibility (mi)	5
C8	20 Nov 2016	Wind Speed (kts)	2
C8	20 Nov 2016	Wind Dir	S
C8	20 Nov 2016	Water Color	Green
C8	20 Nov 2016	Wave Ht Low (ft)	4
C8	20 Nov 2016	Wave Period (sec)	13
C8	20 Nov 2016	Sea State	Calm
C8	20 Nov 2016	High Tide (ft)	4.45
C8	20 Nov 2016	High Tide Time	1326
C8	20 Nov 2016	Low Tide (ft)	2.65
C8	20 Nov 2016	Low Tide Time	753
C8	20 Nov 2016	Comments	Kelp; Lobster floats
C8	29 Nov 2016	Depth (m)	19
C8	29 Nov 2016	Arrive Time	857
C8	29 Nov 2016	Depart Time	901
C8	29 Nov 2016	Air Temp (C)	14
C8	29 Nov 2016	Weather	Clear
C8	29 Nov 2016	Visibility (mi)	8
C8	29 Nov 2016	Wind Speed (kts)	3
C8	29 Nov 2016	Wind Dir	SE

Station	Date	Parameter	Value
C8	29 Nov 2016	Water Color	Bluish-Green
C8	29 Nov 2016	Wave Ht Low (ft)	6
C8	29 Nov 2016	Wave Period (sec)	11
C8	29 Nov 2016	Sea State	Confused swell
C8	29 Nov 2016	High Tide (ft)	5.81
C8	29 Nov 2016	High Tide Time	809
C8	29 Nov 2016	Low Tide (ft)	-0.34
C8	29 Nov 2016	Low Tide Time	1515
C8	29 Nov 2016	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 (σ-t)	Chlor (μg/L)
A1	04 Nov 2016	1	15.80	82.64	8.4	33.31	8.1	24.5	2.74
A1	04 Nov 2016	2	15.80	82.80	8.4	33.31	8.1	24.5	2.77
A1	04 Nov 2016	3	15.81	82.85	8.4	33.31	8.1	24.5	2.80
A1	04 Nov 2016	4	15.81	82.75	8.4	33.31	8.1	24.5	2.84
A1	04 Nov 2016	5	15.80	82.56	8.3	33.31	8.1	24.5	2.95
A1	04 Nov 2016	6	15.80	82.67	8.3	33.30	8.1	24.5	3.17
A1	04 Nov 2016	7	15.78	81.88	8.0	33.30	8.1	24.5	3.15
A1	04 Nov 2016	8	15.69	82.49	7.7	33.30	8.1	24.5	3.01
A1	04 Nov 2016	9	15.46	82.00	7.5	33.29	8.1	24.6	3.01
A1	04 Nov 2016	10	15.28	81.82	7.3	33.29	8.1	24.6	3.16
A1	04 Nov 2016	11	14.91	82.10	7.3	33.28	8.1	24.7	3.30
A1	04 Nov 2016	12	14.65	82.73	7.3	33.28	8.1	24.7	3.35
A1	04 Nov 2016	13	14.48	83.00	7.2	33.27	8.1	24.8	3.20
A1	04 Nov 2016	14	14.36	83.10	7.2	33.27	8.0	24.8	2.78
A1	04 Nov 2016	15	14.27	83.42	7.0	33.27	8.0	24.8	2.04
A1	04 Nov 2016	16	14.12	83.92	6.9	33.27	8.0	24.8	1.71
A1	04 Nov 2016	17	14.00	84.52	6.9	33.27	8.0	24.9	1.66
A1	04 Nov 2016	18	13.94	85.17	7.0	33.28	8.0	24.9	1.83
A1	10 Nov 2016	1	18.09	86.61	9.2	33.36	8.2	24.0	0.74
A1	10 Nov 2016	2	18.08	86.57	9.2	33.36	8.2	24.0	0.87
A1	10 Nov 2016	3	18.08	86.71	9.1	33.36	8.2	24.0	0.93
A1	10 Nov 2016	4	18.07	86.62	9.2	33.36	8.2	24.0	0.89
A1	10 Nov 2016	5	18.06	86.58	9.2	33.36	8.2	24.0	0.97
A1	10 Nov 2016	6	18.06	86.61	9.1	33.36	8.2	24.0	1.05
A1	10 Nov 2016	7	18.05	86.32	9.2	33.36	8.2	24.0	1.23
A1	10 Nov 2016	8	18.00	86.44	9.0	33.35	8.2	24.0	1.81
A1	10 Nov 2016	9	17.83	85.81	8.6	33.34	8.2	24.0	1.97
A1	10 Nov 2016	10	17.34	84.95	8.6	33.34	8.2	24.2	1.89
A1	10 Nov 2016	11	17.24	84.36	8.3	33.33	8.2	24.2	1.91
A1	10 Nov 2016	12	17.03	84.18	8.1	33.30	8.2	24.2	1.91
A1	10 Nov 2016	13	16.15	82.79	8.3	33.30	8.2	24.4	1.91
A1	10 Nov 2016	14	16.35	81.10	7.8	33.28	8.1	24.3	1.91
A1	10 Nov 2016	15	15.70	80.13	7.4	33.28	8.1	24.5	1.81
A1	10 Nov 2016	16	15.16	78.50	7.4	33.27	8.1	24.6	1.76
A1	10 Nov 2016	17	14.92	77.33	7.6	33.27	8.1	24.7	1.77
A1	10 Nov 2016	18	14.95	77.14	7.6	33.27	8.1	24.7	1.71
A1	16 Nov 2016	1	16.79	78.96	9.4	33.31	8.2	24.3	2.26
A1	16 Nov 2016	2	16.79	79.61	9.4	33.31	8.2	24.3	2.49
A1	16 Nov 2016	3	16.76	80.01	9.5	33.31	8.2	24.3	2.65
A1	16 Nov 2016	4	16.64	81.06	9.4	33.30	8.2	24.3	3.35
A1	16 Nov 2016	5	16.59	81.52	9.1	33.30	8.2	24.3	3.91
A1	16 Nov 2016	6	16.47	81.09	9.0	33.30	8.2	24.3	3.89
A1	16 Nov 2016	7	16.37	80.47	8.7	33.30	8.2	24.4	3.33
A1	16 Nov 2016	8	16.25	79.40	8.5	33.30	8.2	24.4	3.00
A1	16 Nov 2016	9	16.10	78.96	8.4	33.29	8.1	24.4	2.91
A1	16 Nov 2016	10	16.02	79.04	8.4	33.29	8.1	24.4	2.77
A1	16 Nov 2016	11	15.94	79.20	8.3	33.29	8.1	24.4	2.70
A1	16 Nov 2016	12	15.83	79.41	8.2	33.29	8.1	24.5	2.73
A1	16 Nov 2016	13	15.76	79.68	8.0	33.29	8.1	24.5	2.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A1	16 Nov 2016	14	15.59	79.91	7.7	33.28	8.1	24.5	2.22
A1	16 Nov 2016	15	15.39	80.22	7.4	33.27	8.1	24.6	1.83
A1	16 Nov 2016	16	15.11	81.34	6.9	33.27	8.1	24.6	1.32
A1	16 Nov 2016	17	14.66	82.46	7.1	33.26	8.1	24.7	1.50
A1	16 Nov 2016	18	14.62	82.86	7.4	33.27	8.0	24.7	1.46
A1	16 Nov 2016	19	14.70	82.07	7.3	33.27	8.0	24.7	1.46
A1	20 Nov 2016	1	16.29	80.05	8.0	33.33	8.1	24.4	1.98
A1	20 Nov 2016	2	16.24	80.02	7.9	33.33	8.1	24.4	1.82
A1	20 Nov 2016	3	16.18	79.89	7.7	33.33	8.1	24.4	1.54
A1	20 Nov 2016	4	16.18	80.00	7.4	33.33	8.1	24.4	1.34
A1	20 Nov 2016	5	15.97	80.20	7.2	33.31	8.1	24.5	1.11
A1	20 Nov 2016	6	15.74	80.88	7.1	33.31	8.1	24.5	0.95
A1	20 Nov 2016	7	15.56	81.36	7.0	33.30	8.1	24.5	0.89
A1	20 Nov 2016	8	15.36	82.54	7.0	33.30	8.1	24.6	0.83
A1	20 Nov 2016	9	15.19	83.34	6.9	33.29	8.1	24.6	0.82
A1	20 Nov 2016	10	15.03	83.66	6.9	33.28	8.1	24.6	0.78
A1	20 Nov 2016	11	14.80	83.79	6.8	33.28	8.1	24.7	0.73
A1	20 Nov 2016	12	14.71	83.96	6.7	33.28	8.1	24.7	0.67
A1	20 Nov 2016	13	14.49	83.99	6.7	33.27	8.1	24.7	0.66
A1	20 Nov 2016	14	14.39	83.75	6.8	33.27	8.1	24.8	0.67
A1	20 Nov 2016	15	14.38	83.82	6.8	33.27	8.1	24.8	0.68
A1	20 Nov 2016	16	14.38	83.83	6.8	33.27	8.0	24.8	0.64
A1	20 Nov 2016	17	14.38	82.81	6.8	33.28	8.0	24.8	0.64
A1	20 Nov 2016	18	14.39	83.52	6.8	33.28	8.0	24.8	0.67
A1	29 Nov 2016	1	15.56	77.42	7.4	33.33	8.1	24.6	1.83
A1	29 Nov 2016	2	15.57	78.12	7.3	33.33	8.1	24.6	1.87
A1	29 Nov 2016	3	15.57	78.37	7.2	33.33	8.1	24.6	1.89
A1	29 Nov 2016	4	15.56	78.09	7.2	33.33	8.1	24.6	1.92
A1	29 Nov 2016	5	15.56	77.86	7.2	33.33	8.1	24.6	1.83
A1	29 Nov 2016	6	15.55	78.24	7.1	33.33	8.1	24.6	1.69
A1	29 Nov 2016	7	15.54	77.70	7.1	33.33	8.1	24.6	1.60
A1	29 Nov 2016	8	15.52	77.39	7.0	33.33	8.1	24.6	1.56
A1	29 Nov 2016	9	15.42	76.80	6.9	33.33	8.1	24.6	1.41
A1	29 Nov 2016	10	15.38	76.69	6.6	33.32	8.1	24.6	1.09
A1	29 Nov 2016	11	15.20	76.80	6.2	33.31	8.1	24.6	0.89
A1	29 Nov 2016	12	14.90	77.02	6.2	33.29	8.1	24.7	0.95
A1	29 Nov 2016	13	14.47	76.96	6.3	33.29	8.1	24.8	0.81
A1	29 Nov 2016	14	14.55	76.78	6.0	33.31	8.0	24.8	0.54
A1	29 Nov 2016	15	14.51	76.83	5.8	33.26	8.0	24.7	0.46
A1	29 Nov 2016	16	13.69	77.39	6.0	33.28	8.0	24.9	0.46
A1	29 Nov 2016	17	13.45	80.21	6.1	33.29	8.0	25.0	0.43
A1	29 Nov 2016	18	13.45	80.98	6.1	33.28	8.0	25.0	0.45
A1	29 Nov 2016	19	13.44	80.54	6.1	33.28	8.0	25.0	0.45
C4	04 Nov 2016	1	15.99	76.20	8.2	33.31	8.1	24.5	2.91
C4	04 Nov 2016	2	15.98	76.17	8.2	33.31	8.1	24.5	2.96
C4	04 Nov 2016	3	15.97	75.28	8.1	33.31	8.1	24.5	2.72
C4	04 Nov 2016	4	15.96	75.69	7.9	33.31	8.1	24.5	2.09
C4	04 Nov 2016	5	15.93	75.98	7.5	33.31	8.1	24.5	1.51
C4	04 Nov 2016	6	15.79	76.38	6.8	33.30	8.1	24.5	1.02
C4	04 Nov 2016	7	15.49	77.06	5.9	33.29	8.1	24.5	0.82
C4	04 Nov 2016	8	14.94	78.92	5.7	33.27	8.0	24.7	0.76
C4	04 Nov 2016	9	14.61	78.85	5.7	33.28	8.0	24.7	0.79

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C4	04 Nov 2016	10	14.45	77.24	5.8	33.28	8.0	24.8	0.77
C4	04 Nov 2016	11	14.35	69.89	5.9	33.28	8.0	24.8	0.79
C4	10 Nov 2016	1	16.89	46.12	8.0	33.35	8.0	24.3	1.43
C4	10 Nov 2016	2	16.87	45.42	8.0	33.34	8.0	24.3	1.42
C4	10 Nov 2016	3	16.85	45.11	8.0	33.35	8.0	24.3	1.39
C4	10 Nov 2016	4	16.83	43.50	7.9	33.34	8.0	24.3	1.39
C4	10 Nov 2016	5	16.80	41.65	7.9	33.34	8.0	24.3	1.47
C4	10 Nov 2016	6	16.80	37.22	7.8	33.34	8.0	24.3	1.58
C4	10 Nov 2016	7	16.79	35.49	7.8	33.34	8.0	24.3	1.55
C4	10 Nov 2016	8	16.79	21.53	7.8	33.34	8.0	24.3	2.11
C4	10 Nov 2016	9	16.79	14.59	7.6	33.34	8.0	24.3	6.43
C4	10 Nov 2016	10	16.78	7.78	7.6	33.34	8.0	24.3	9.45
C4	10 Nov 2016	11	16.76	0.56	7.7	33.33	8.0	24.3	11.86
C4	16 Nov 2016	1	17.04	75.12	8.3	33.33	8.1	24.2	2.10
C4	16 Nov 2016	2	17.03	74.79	8.3	33.33	8.1	24.2	2.23
C4	16 Nov 2016	3	17.00	75.75	8.3	33.33	8.1	24.2	1.98
C4	16 Nov 2016	4	16.95	76.78	8.1	33.33	8.1	24.2	1.81
C4	16 Nov 2016	5	16.82	78.02	7.7	33.32	8.1	24.3	1.52
C4	16 Nov 2016	6	16.66	79.03	7.5	33.31	8.1	24.3	1.24
C4	16 Nov 2016	7	16.43	80.01	7.3	33.31	8.1	24.4	0.98
C4	16 Nov 2016	8	16.33	80.77	7.0	33.31	8.1	24.4	0.75
C4	16 Nov 2016	9	16.26	79.99	6.7	33.31	8.1	24.4	0.68
C4	16 Nov 2016	10	16.13	74.54	6.8	33.31	8.1	24.4	0.69
C4	16 Nov 2016	11	16.12	68.36	6.9	33.31	8.1	24.4	0.68
C4	16 Nov 2016	12	16.12	69.37	7.0	33.31	8.1	24.4	0.69
C4	20 Nov 2016	1	16.29	75.04	8.8	33.33	8.2	24.4	4.57
C4	20 Nov 2016	2	16.29	74.97	8.6	33.33	8.2	24.4	3.74
C4	20 Nov 2016	3	16.17	73.45	8.4	33.33	8.2	24.4	2.73
C4	20 Nov 2016	4	16.13	67.43	8.2	33.33	8.2	24.4	1.64
C4	20 Nov 2016	5	16.12	68.52	7.7	33.33	8.2	24.4	1.26
C4	20 Nov 2016	6	16.05	70.81	7.1	33.33	8.2	24.4	0.98
C4	20 Nov 2016	7	15.97	72.75	6.4	33.32	8.1	24.5	1.11
C4	20 Nov 2016	8	15.68	75.63	6.1	33.31	8.1	24.5	1.24
C4	20 Nov 2016	9	15.44	73.62	6.3	33.30	8.1	24.6	0.83
C4	20 Nov 2016	10	15.25	69.22	7.1	33.31	8.0	24.6	0.95
C4	29 Nov 2016	1	15.64	77.87	7.5	33.33	8.1	24.5	1.52
C4	29 Nov 2016	2	15.63	78.05	7.4	33.33	8.1	24.5	1.69
C4	29 Nov 2016	3	15.62	78.12	7.3	33.33	8.1	24.5	1.67
C4	29 Nov 2016	4	15.57	78.08	7.1	33.33	8.1	24.6	1.42
C4	29 Nov 2016	5	15.54	77.54	7.0	33.33	8.1	24.6	1.39
C4	29 Nov 2016	6	15.48	76.78	7.0	33.33	8.1	24.6	1.24
C4	29 Nov 2016	7	15.46	76.92	6.8	33.33	8.1	24.6	0.94
C4	29 Nov 2016	8	15.44	76.97	6.2	33.32	8.1	24.6	0.79
C4	29 Nov 2016	9	15.27	76.53	6.0	33.31	8.1	24.6	0.78
C4	29 Nov 2016	10	15.04	65.19	6.1	33.30	8.1	24.7	0.76
C4	29 Nov 2016	11	15.01	60.10	6.3	33.31	8.1	24.7	0.76
C5	04 Nov 2016	1	16.04	76.32	8.0	33.31	8.1	24.4	2.93
C5	04 Nov 2016	2	16.05	76.25	8.2	33.31	8.1	24.4	3.37
C5	04 Nov 2016	3	16.02	76.24	8.2	33.31	8.1	24.4	3.15
C5	04 Nov 2016	4	15.97	77.47	8.1	33.31	8.1	24.5	2.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C5	04 Nov 2016	5	15.89	78.44	7.9	33.30	8.1	24.5	2.06
C5	04 Nov 2016	6	15.80	79.23	7.6	33.30	8.1	24.5	1.58
C5	04 Nov 2016	7	15.73	80.55	7.2	33.30	8.1	24.5	1.25
C5	04 Nov 2016	8	15.65	82.12	6.7	33.30	8.1	24.5	1.13
C5	04 Nov 2016	9	15.48	82.84	6.4	33.29	8.1	24.5	1.12
C5	04 Nov 2016	10	14.96	80.03	6.8	33.29	8.0	24.7	1.26
C5	04 Nov 2016	11	14.83	75.20	7.2	33.30	8.0	24.7	1.61
C5	10 Nov 2016	1	16.83	59.46	7.9	33.34	8.1	24.3	1.13
C5	10 Nov 2016	2	16.79	59.03	7.9	33.34	8.1	24.3	1.21
C5	10 Nov 2016	3	16.71	57.51	7.9	33.34	8.1	24.3	1.22
C5	10 Nov 2016	4	16.67	57.12	7.9	33.34	8.1	24.3	1.18
C5	10 Nov 2016	5	16.66	57.75	7.9	33.34	8.1	24.3	1.19
C5	10 Nov 2016	6	16.65	58.55	7.8	33.34	8.1	24.3	1.00
C5	10 Nov 2016	7	16.72	58.51	7.2	33.34	8.1	24.3	0.98
C5	10 Nov 2016	8	16.46	57.99	6.9	33.31	8.1	24.3	1.12
C5	10 Nov 2016	9	16.13	49.71	7.0	33.32	8.0	24.4	1.28
C5	10 Nov 2016	10	15.99	30.42	7.1	33.31	8.0	24.4	1.14
C5	10 Nov 2016	11	16.01	24.57	7.2	33.31	8.0	24.4	1.08
C5	16 Nov 2016	1	17.23	67.92	7.2	33.34	8.0	24.2	0.81
C5	16 Nov 2016	2	17.15	68.44	7.3	33.34	8.0	24.2	0.74
C5	16 Nov 2016	3	17.06	69.80	7.2	33.33	8.0	24.2	0.63
C5	16 Nov 2016	4	16.85	72.84	6.9	33.32	8.0	24.3	0.59
C5	16 Nov 2016	5	16.73	77.53	6.7	33.31	8.1	24.3	0.57
C5	16 Nov 2016	6	16.54	79.78	6.7	33.30	8.1	24.3	0.56
C5	16 Nov 2016	7	16.29	78.37	6.7	33.30	8.1	24.4	0.57
C5	16 Nov 2016	8	16.10	78.38	6.6	33.29	8.0	24.4	0.59
C5	16 Nov 2016	9	15.86	80.54	6.5	33.28	8.0	24.5	0.60
C5	16 Nov 2016	10	15.69	78.69	6.6	33.29	8.0	24.5	0.66
C5	16 Nov 2016	11	15.66	69.87	6.8	33.29	8.0	24.5	0.72
C5	20 Nov 2016	1	16.41	77.17	8.5	33.34	8.2	24.4	2.28
C5	20 Nov 2016	2	16.35	76.60	8.3	33.36	8.2	24.4	2.53
C5	20 Nov 2016	3	16.28	75.66	7.9	33.36	8.2	24.4	2.49
C5	20 Nov 2016	4	16.23	76.41	7.4	33.36	8.1	24.4	2.49
C5	20 Nov 2016	5	16.20	77.77	7.1	33.35	8.1	24.4	3.01
C5	20 Nov 2016	6	16.14	78.45	6.9	33.37	8.1	24.5	3.14
C5	20 Nov 2016	7	16.02	77.90	6.8	33.41	8.1	24.5	3.07
C5	20 Nov 2016	8	15.90	76.48	6.6	33.44	8.1	24.6	3.11
C5	20 Nov 2016	9	15.58	73.92	6.3	33.53	8.1	24.7	2.70
C5	20 Nov 2016	10	14.98	56.56	6.2	33.53	8.1	24.8	2.14
C5	20 Nov 2016	11	15.07	49.10	6.2	33.34	8.0	24.7	1.61
C5	29 Nov 2016	1	15.72	59.67	7.3	33.35	8.1	24.5	0.62
C5	29 Nov 2016	2	15.74	56.87	7.2	33.35	8.1	24.5	0.71
C5	29 Nov 2016	3	15.76	56.55	7.0	33.35	8.1	24.5	0.69
C5	29 Nov 2016	4	15.64	59.55	6.9	33.35	8.1	24.6	0.64
C5	29 Nov 2016	5	15.62	62.26	6.7	33.35	8.1	24.6	0.65
C5	29 Nov 2016	6	15.60	61.58	6.3	33.35	8.1	24.6	0.72
C5	29 Nov 2016	7	15.56	58.91	5.8	33.34	8.1	24.6	0.85
C5	29 Nov 2016	8	15.42	57.73	5.4	33.33	8.1	24.6	0.92
C5	29 Nov 2016	9	15.11	54.45	5.2	33.30	8.1	24.6	0.96
C5	29 Nov 2016	10	14.60	42.11	5.4	33.30	8.1	24.7	0.97
C5	29 Nov 2016	11	14.47	24.93	5.6	33.30	8.0	24.8	0.95

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A6	04 Nov 2016	1	15.83	80.36	7.7	33.31	8.1	24.5	3.45
A6	04 Nov 2016	2	15.77	80.27	7.3	33.30	8.1	24.5	2.81
A6	04 Nov 2016	3	15.32	80.25	7.0	33.29	8.1	24.6	2.52
A6	04 Nov 2016	4	15.04	80.88	6.9	33.28	8.1	24.6	2.59
A6	04 Nov 2016	5	14.67	82.51	6.9	33.28	8.0	24.7	2.50
A6	04 Nov 2016	6	14.55	83.16	6.9	33.28	8.0	24.7	2.65
A6	04 Nov 2016	7	14.39	83.07	6.9	33.27	8.0	24.8	2.56
A6	04 Nov 2016	8	14.18	83.61	6.8	33.27	8.0	24.8	2.48
A6	04 Nov 2016	9	14.08	84.18	6.8	33.27	8.0	24.8	2.22
A6	04 Nov 2016	10	13.93	84.80	6.8	33.26	8.0	24.9	1.86
A6	04 Nov 2016	11	13.87	85.38	6.7	33.27	8.0	24.9	1.74
A6	04 Nov 2016	12	13.83	85.47	6.7	33.27	8.0	24.9	1.66
A6	04 Nov 2016	13	13.79	85.58	6.7	33.28	8.0	24.9	1.46
A6	04 Nov 2016	14	13.78	85.64	6.6	33.28	8.0	24.9	1.41
A6	04 Nov 2016	15	13.75	85.64	6.6	33.27	8.0	24.9	1.37
A6	04 Nov 2016	16	13.70	85.59	6.6	33.28	8.0	24.9	1.36
A6	04 Nov 2016	17	13.69	85.73	6.6	33.28	8.0	24.9	1.37
A6	04 Nov 2016	18	13.70	85.71	6.6	33.28	8.0	24.9	1.40
A6	04 Nov 2016	19	13.72	84.37	6.7	33.28	8.0	24.9	1.45
A6	10 Nov 2016	1	18.15	86.85	9.3	33.35	8.2	24.0	1.05
A6	10 Nov 2016	2	17.99	86.10	9.3	33.35	8.2	24.0	1.22
A6	10 Nov 2016	3	17.88	85.56	9.4	33.35	8.2	24.0	1.71
A6	10 Nov 2016	4	17.78	85.42	9.4	33.34	8.2	24.1	2.18
A6	10 Nov 2016	5	17.72	85.23	9.3	33.34	8.2	24.1	2.34
A6	10 Nov 2016	6	17.64	84.81	9.1	33.34	8.2	24.1	2.19
A6	10 Nov 2016	7	17.53	84.56	9.0	33.34	8.2	24.1	2.25
A6	10 Nov 2016	8	17.48	84.55	8.9	33.34	8.2	24.1	2.10
A6	10 Nov 2016	9	17.36	84.33	8.6	33.33	8.2	24.2	1.53
A6	10 Nov 2016	10	17.22	84.03	8.5	33.33	8.2	24.2	1.47
A6	10 Nov 2016	11	17.14	83.70	8.6	33.33	8.2	24.2	1.37
A6	10 Nov 2016	12	17.14	83.35	8.5	33.33	8.2	24.2	1.27
A6	10 Nov 2016	13	17.07	82.79	8.6	33.33	8.2	24.2	1.42
A6	10 Nov 2016	14	17.12	82.71	8.2	33.34	8.2	24.2	1.41
A6	10 Nov 2016	15	16.91	82.56	6.8	33.30	8.2	24.2	1.34
A6	10 Nov 2016	16	15.55	70.64	6.6	33.27	8.1	24.5	1.41
A6	10 Nov 2016	17	14.88	58.51	6.6	33.27	8.1	24.7	1.44
A6	10 Nov 2016	18	14.25	50.82	6.8	33.26	8.1	24.8	1.51
A6	10 Nov 2016	19	14.13	51.42	6.7	33.26	8.0	24.8	1.54
A6	10 Nov 2016	20	14.00	51.46	6.8	33.27	8.0	24.9	1.65
A6	16 Nov 2016	1	16.71	78.07	8.6	33.32	8.2	24.3	2.91
A6	16 Nov 2016	2	16.58	78.40	8.2	33.30	8.2	24.3	2.53
A6	16 Nov 2016	3	16.27	78.79	8.0	33.30	8.2	24.4	2.37
A6	16 Nov 2016	4	15.97	80.61	8.0	33.29	8.1	24.4	2.48
A6	16 Nov 2016	5	15.76	81.63	7.9	33.29	8.1	24.5	2.42
A6	16 Nov 2016	6	15.62	81.78	7.6	33.27	8.1	24.5	2.47
A6	16 Nov 2016	7	15.35	82.00	7.3	33.27	8.1	24.6	2.44
A6	16 Nov 2016	8	15.04	82.21	7.2	33.26	8.1	24.6	2.32
A6	16 Nov 2016	9	14.80	82.61	7.2	33.26	8.1	24.7	2.39
A6	16 Nov 2016	10	14.68	82.69	7.3	33.26	8.1	24.7	2.46
A6	16 Nov 2016	11	14.70	82.78	7.2	33.26	8.1	24.7	2.53
A6	16 Nov 2016	12	14.57	82.42	7.2	33.26	8.0	24.7	2.44
A6	16 Nov 2016	13	14.57	82.28	7.1	33.27	8.0	24.7	2.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A6	16 Nov 2016	14	14.52	82.41	6.8	33.27	8.0	24.7	1.69
A6	16 Nov 2016	15	14.36	82.35	6.6	33.27	8.0	24.8	1.36
A6	16 Nov 2016	16	14.13	81.64	6.5	33.27	8.0	24.8	1.17
A6	16 Nov 2016	17	14.06	81.69	6.4	33.28	8.0	24.8	1.06
A6	16 Nov 2016	18	13.81	81.72	6.4	33.28	8.0	24.9	1.06
A6	16 Nov 2016	19	13.72	81.72	6.4	33.29	8.0	24.9	0.99
A6	16 Nov 2016	20	13.69	81.88	6.4	33.29	8.0	24.9	0.93
A6	20 Nov 2016	1	16.41	78.73	7.8	33.34	8.1	24.4	1.75
A6	20 Nov 2016	2	16.40	78.92	7.6	33.34	8.1	24.4	1.71
A6	20 Nov 2016	3	16.31	77.61	7.5	33.33	8.1	24.4	1.65
A6	20 Nov 2016	4	16.25	77.73	7.5	33.33	8.1	24.4	1.65
A6	20 Nov 2016	5	16.19	78.93	7.4	33.33	8.1	24.4	1.49
A6	20 Nov 2016	6	16.17	79.29	7.4	33.33	8.1	24.4	1.33
A6	20 Nov 2016	7	16.13	79.72	7.3	33.33	8.1	24.4	1.31
A6	20 Nov 2016	8	16.07	80.33	7.3	33.32	8.1	24.4	1.20
A6	20 Nov 2016	9	16.03	80.80	7.2	33.32	8.1	24.5	1.07
A6	20 Nov 2016	10	15.98	81.15	7.1	33.32	8.1	24.5	0.99
A6	20 Nov 2016	11	15.88	81.72	7.1	33.32	8.1	24.5	0.98
A6	20 Nov 2016	12	15.80	82.67	7.1	33.32	8.1	24.5	0.94
A6	20 Nov 2016	13	15.80	82.86	7.0	33.32	8.1	24.5	0.87
A6	20 Nov 2016	14	15.73	82.97	6.9	33.31	8.1	24.5	0.83
A6	20 Nov 2016	15	15.57	83.15	6.9	33.31	8.1	24.5	0.83
A6	20 Nov 2016	16	15.45	83.32	6.9	33.30	8.1	24.6	0.83
A6	20 Nov 2016	17	15.33	83.31	6.9	33.30	8.1	24.6	0.76
A6	20 Nov 2016	18	15.27	83.60	6.8	33.30	8.1	24.6	0.70
A6	20 Nov 2016	19	15.11	83.36	6.8	33.30	8.1	24.6	0.70
A6	20 Nov 2016	20	15.08	83.15	6.9	33.30	8.1	24.6	0.67
A6	29 Nov 2016	1	15.73	83.11	7.6	33.32	8.1	24.5	1.50
A6	29 Nov 2016	2	15.73	82.88	7.5	33.32	8.1	24.5	1.47
A6	29 Nov 2016	3	15.73	83.15	7.1	33.32	8.1	24.5	1.33
A6	29 Nov 2016	4	15.66	83.11	7.0	33.31	8.1	24.5	1.28
A6	29 Nov 2016	5	15.49	82.52	6.9	33.31	8.1	24.6	1.23
A6	29 Nov 2016	6	15.33	82.10	6.9	33.31	8.1	24.6	1.20
A6	29 Nov 2016	7	15.28	81.78	6.8	33.31	8.1	24.6	1.05
A6	29 Nov 2016	8	15.21	81.60	6.7	33.31	8.1	24.6	0.96
A6	29 Nov 2016	9	15.09	81.33	6.6	33.31	8.1	24.6	0.92
A6	29 Nov 2016	10	15.02	81.24	6.5	33.29	8.1	24.7	0.86
A6	29 Nov 2016	11	14.75	80.74	6.5	33.30	8.1	24.7	0.78
A6	29 Nov 2016	12	14.68	80.59	6.4	33.30	8.1	24.7	0.80
A6	29 Nov 2016	13	14.55	80.63	6.5	33.29	8.1	24.7	0.80
A6	29 Nov 2016	14	14.40	80.48	6.6	33.29	8.1	24.8	0.72
A6	29 Nov 2016	15	14.36	80.49	6.4	33.30	8.1	24.8	0.64
A6	29 Nov 2016	16	14.46	80.74	6.0	33.29	8.1	24.8	0.59
A6	29 Nov 2016	17	13.93	79.24	6.1	33.28	8.1	24.9	0.58
A6	29 Nov 2016	18	13.84	78.46	6.3	33.29	8.0	24.9	0.60
C6	04 Nov 2016	1	16.10	78.15	7.6	33.31	8.1	24.4	1.32
C6	04 Nov 2016	2	16.10	78.35	7.5	33.31	8.1	24.4	1.19
C6	04 Nov 2016	3	16.08	78.26	7.4	33.31	8.1	24.4	1.09
C6	04 Nov 2016	4	15.99	78.48	7.2	33.30	8.1	24.4	0.92
C6	04 Nov 2016	5	15.92	79.06	6.6	33.31	8.1	24.5	0.77
C6	04 Nov 2016	6	15.72	79.85	6.1	33.29	8.0	24.5	0.73
C6	04 Nov 2016	7	15.26	80.53	6.0	33.28	8.0	24.6	0.67

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C6	04 Nov 2016	8	14.69	80.87	6.1	33.27	8.0	24.7	0.66
C6	04 Nov 2016	9	14.49	80.27	6.3	33.28	8.0	24.8	0.70
C6	04 Nov 2016	10	14.50	80.01	6.5	33.28	8.0	24.8	0.71
C6	10 Nov 2016	1	17.88	84.14	8.9	33.36	8.2	24.0	0.78
C6	10 Nov 2016	2	17.91	84.10	8.5	33.36	8.2	24.0	0.91
C6	10 Nov 2016	3	17.64	83.86	8.0	33.34	8.2	24.1	1.00
C6	10 Nov 2016	4	17.22	82.16	7.8	33.33	8.2	24.2	1.04
C6	10 Nov 2016	5	16.86	77.34	7.9	33.33	8.2	24.3	1.02
C6	10 Nov 2016	6	16.77	74.96	7.7	33.33	8.1	24.3	0.96
C6	10 Nov 2016	7	16.64	72.62	7.6	33.32	8.1	24.3	0.95
C6	10 Nov 2016	8	16.47	70.67	7.7	33.32	8.1	24.3	0.95
C6	10 Nov 2016	9	16.46	69.35	7.6	33.32	8.1	24.3	0.94
C6	16 Nov 2016	1	17.00	76.47	8.4	33.33	8.1	24.2	2.23
C6	16 Nov 2016	2	16.97	77.35	8.8	33.33	8.1	24.2	2.70
C6	16 Nov 2016	3	16.90	78.59	8.9	33.33	8.1	24.3	2.75
C6	16 Nov 2016	4	16.87	79.02	8.8	33.33	8.1	24.3	2.58
C6	16 Nov 2016	5	16.84	79.52	8.4	33.32	8.1	24.3	2.27
C6	16 Nov 2016	6	16.70	80.09	7.6	33.32	8.2	24.3	1.67
C6	16 Nov 2016	7	16.55	80.11	6.9	33.31	8.1	24.3	1.19
C6	16 Nov 2016	8	16.30	80.60	6.4	33.30	8.1	24.4	0.97
C6	16 Nov 2016	9	15.88	81.71	6.6	33.29	8.1	24.5	0.97
C6	16 Nov 2016	10	15.71	81.60	7.1	33.30	8.1	24.5	1.08
C6	16 Nov 2016	11	15.72	81.18	7.2	33.30	8.1	24.5	1.10
C6	20 Nov 2016	1	16.47	80.60	8.4	33.33	8.2	24.4	1.92
C6	20 Nov 2016	2	16.45	80.42	8.2	33.33	8.2	24.4	1.65
C6	20 Nov 2016	3	16.36	80.37	8.0	33.33	8.2	24.4	1.14
C6	20 Nov 2016	4	16.30	80.39	7.5	33.33	8.2	24.4	0.76
C6	20 Nov 2016	5	16.21	80.51	6.9	33.32	8.2	24.4	0.58
C6	20 Nov 2016	6	16.04	80.91	6.4	33.31	8.1	24.4	0.48
C6	20 Nov 2016	7	15.75	81.61	6.2	33.30	8.1	24.5	0.45
C6	20 Nov 2016	8	15.27	80.50	6.4	33.30	8.1	24.6	0.47
C6	20 Nov 2016	9	15.31	79.06	6.5	33.30	8.1	24.6	0.44
C6	20 Nov 2016	10	15.25	78.19	6.6	33.29	8.1	24.6	0.46
C6	29 Nov 2016	1	15.67	76.00	7.4	33.34	8.1	24.5	0.80
C6	29 Nov 2016	2	15.65	73.36	7.3	33.35	8.1	24.6	0.96
C6	29 Nov 2016	3	15.60	73.92	7.2	33.34	8.1	24.6	0.89
C6	29 Nov 2016	4	15.55	76.52	7.1	33.34	8.1	24.6	0.80
C6	29 Nov 2016	5	15.51	75.58	7.0	33.34	8.1	24.6	0.70
C6	29 Nov 2016	6	15.46	73.93	6.5	33.34	8.1	24.6	0.65
C6	29 Nov 2016	7	15.40	71.29	6.0	33.34	8.1	24.6	0.64
C6	29 Nov 2016	8	15.05	68.71	5.8	33.31	8.1	24.7	0.64
C6	29 Nov 2016	9	14.74	67.12	6.0	33.32	8.1	24.7	0.65
C6	29 Nov 2016	10	14.68	65.47	6.3	33.31	8.0	24.7	0.66
A7	04 Nov 2016	1	15.86	79.45	8.2	33.31	8.1	24.5	3.34
A7	04 Nov 2016	2	15.86	79.98	7.6	33.30	8.1	24.5	3.03
A7	04 Nov 2016	3	15.49	80.56	7.1	33.28	8.1	24.5	2.80
A7	04 Nov 2016	4	15.12	81.24	6.9	33.28	8.1	24.6	2.03
A7	04 Nov 2016	5	14.74	82.41	6.8	33.28	8.1	24.7	1.63
A7	04 Nov 2016	6	14.51	82.67	6.8	33.28	8.0	24.7	1.57
A7	04 Nov 2016	7	14.35	83.91	6.9	33.28	8.0	24.8	1.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A7	04 Nov 2016	8	14.28	84.77	6.9	33.29	8.0	24.8	1.48
A7	04 Nov 2016	9	14.26	84.97	6.9	33.28	8.0	24.8	1.52
A7	04 Nov 2016	10	14.24	85.06	6.9	33.28	8.0	24.8	1.50
A7	04 Nov 2016	11	14.17	85.10	6.8	33.28	8.0	24.8	1.49
A7	04 Nov 2016	12	14.10	85.19	6.8	33.28	8.0	24.8	1.50
A7	04 Nov 2016	13	14.01	85.27	6.8	33.28	8.0	24.9	1.50
A7	04 Nov 2016	14	13.99	85.21	6.8	33.28	8.0	24.9	1.42
A7	04 Nov 2016	15	13.97	85.36	6.8	33.28	8.0	24.9	1.32
A7	04 Nov 2016	16	13.96	85.42	6.7	33.29	8.0	24.9	1.28
A7	04 Nov 2016	17	13.87	85.50	6.7	33.28	8.0	24.9	1.30
A7	04 Nov 2016	18	13.82	85.08	6.8	33.29	8.0	24.9	1.30
A7	10 Nov 2016	1	18.10	86.60	9.2	33.36	8.2	24.0	0.96
A7	10 Nov 2016	2	18.09	86.57	9.2	33.36	8.2	24.0	1.02
A7	10 Nov 2016	3	18.08	86.59	9.2	33.36	8.2	24.0	1.10
A7	10 Nov 2016	4	18.08	86.29	9.2	33.36	8.2	24.0	1.28
A7	10 Nov 2016	5	18.08	86.49	9.1	33.36	8.2	24.0	1.54
A7	10 Nov 2016	6	18.06	86.47	9.0	33.36	8.2	24.0	1.60
A7	10 Nov 2016	7	17.86	86.27	8.9	33.35	8.2	24.0	1.49
A7	10 Nov 2016	8	17.76	85.70	8.7	33.35	8.2	24.1	1.21
A7	10 Nov 2016	9	17.67	85.47	8.3	33.35	8.2	24.1	0.91
A7	10 Nov 2016	10	17.33	84.80	7.7	33.33	8.2	24.2	0.86
A7	10 Nov 2016	11	16.85	81.54	7.1	33.31	8.2	24.3	0.99
A7	10 Nov 2016	12	16.01	77.40	7.2	33.30	8.1	24.4	1.13
A7	10 Nov 2016	13	15.50	75.71	7.3	33.29	8.1	24.5	1.43
A7	10 Nov 2016	14	15.38	75.93	7.1	33.28	8.1	24.6	1.69
A7	10 Nov 2016	15	15.00	75.74	7.1	33.27	8.1	24.6	1.65
A7	10 Nov 2016	16	14.68	75.91	7.1	33.26	8.1	24.7	1.63
A7	10 Nov 2016	17	14.52	74.40	7.1	33.26	8.1	24.7	1.55
A7	10 Nov 2016	18	14.50	73.73	7.0	33.27	8.0	24.7	1.45
A7	10 Nov 2016	19	14.44	72.50	6.9	33.27	8.0	24.8	1.42
A7	10 Nov 2016	20	14.37	70.66	7.0	33.27	8.0	24.8	1.38
A7	16 Nov 2016	1	16.79	79.44	9.0	33.32	8.2	24.3	2.88
A7	16 Nov 2016	2	16.72	80.32	8.6	33.31	8.2	24.3	2.53
A7	16 Nov 2016	3	16.42	81.21	8.3	33.30	8.2	24.3	2.26
A7	16 Nov 2016	4	16.22	81.71	8.2	33.30	8.1	24.4	2.28
A7	16 Nov 2016	5	16.00	81.87	8.0	33.29	8.1	24.4	2.35
A7	16 Nov 2016	6	15.62	81.37	7.8	33.27	8.1	24.5	2.31
A7	16 Nov 2016	7	15.40	81.38	7.8	33.26	8.1	24.5	2.23
A7	16 Nov 2016	8	15.41	81.76	7.5	33.27	8.1	24.6	2.27
A7	16 Nov 2016	9	15.02	82.08	7.5	33.26	8.1	24.6	2.23
A7	16 Nov 2016	10	15.08	82.12	7.4	33.27	8.1	24.6	2.33
A7	16 Nov 2016	11	14.86	82.39	7.4	33.27	8.1	24.7	2.35
A7	16 Nov 2016	12	14.82	82.29	7.4	33.27	8.1	24.7	2.44
A7	16 Nov 2016	13	14.77	82.24	7.2	33.27	8.1	24.7	1.98
A7	16 Nov 2016	14	14.72	80.29	7.0	33.27	8.0	24.7	1.60
A7	16 Nov 2016	15	14.59	81.14	7.0	33.27	8.0	24.7	1.61
A7	16 Nov 2016	16	14.52	82.38	7.1	33.27	8.0	24.7	1.43
A7	16 Nov 2016	17	14.55	82.45	6.8	33.27	8.0	24.7	1.11
A7	16 Nov 2016	18	14.32	82.82	6.7	33.28	8.0	24.8	0.99
A7	16 Nov 2016	19	14.18	82.68	6.8	33.28	8.0	24.8	1.03
A7	20 Nov 2016	1	16.33	79.71	7.9	33.34	8.1	24.4	1.56
A7	20 Nov 2016	2	16.33	79.58	7.9	33.34	8.1	24.4	1.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
A7	20 Nov 2016	3	16.32	79.62	7.8	33.33	8.1	24.4	1.62
A7	20 Nov 2016	4	16.29	79.68	7.7	33.33	8.1	24.4	1.34
A7	20 Nov 2016	5	16.21	79.52	7.4	33.33	8.1	24.4	1.09
A7	20 Nov 2016	6	16.12	80.87	7.2	33.32	8.1	24.4	1.04
A7	20 Nov 2016	7	15.95	81.98	7.1	33.31	8.1	24.5	1.07
A7	20 Nov 2016	8	15.72	82.37	7.1	33.31	8.1	24.5	1.05
A7	20 Nov 2016	9	15.65	82.33	7.1	33.30	8.1	24.5	0.99
A7	20 Nov 2016	10	15.56	82.49	7.0	33.30	8.1	24.5	0.89
A7	20 Nov 2016	11	15.48	82.45	6.9	33.30	8.1	24.6	0.70
A7	20 Nov 2016	12	15.41	82.60	6.8	33.29	8.1	24.6	0.66
A7	20 Nov 2016	13	15.25	83.24	6.7	33.29	8.1	24.6	0.65
A7	20 Nov 2016	14	15.06	83.73	6.6	33.29	8.1	24.6	0.66
A7	20 Nov 2016	15	14.95	84.01	6.5	33.28	8.1	24.7	0.65
A7	20 Nov 2016	16	14.55	83.77	6.5	33.27	8.1	24.7	0.64
A7	20 Nov 2016	17	14.24	83.87	6.6	33.27	8.0	24.8	0.64
A7	20 Nov 2016	18	14.17	83.79	6.8	33.27	8.0	24.8	0.64
A7	29 Nov 2016	1	15.63	77.17	7.5	33.32	8.1	24.5	1.48
A7	29 Nov 2016	2	15.62	80.21	7.4	33.32	8.1	24.5	1.42
A7	29 Nov 2016	3	15.61	81.09	7.1	33.32	8.1	24.5	1.29
A7	29 Nov 2016	4	15.56	81.68	7.0	33.32	8.1	24.6	1.16
A7	29 Nov 2016	5	15.44	81.18	6.9	33.32	8.1	24.6	0.99
A7	29 Nov 2016	6	15.39	81.12	6.6	33.32	8.1	24.6	0.90
A7	29 Nov 2016	7	15.33	80.93	6.3	33.31	8.1	24.6	0.87
A7	29 Nov 2016	8	15.06	80.32	6.3	33.30	8.1	24.6	0.83
A7	29 Nov 2016	9	14.77	79.90	6.4	33.30	8.1	24.7	0.80
A7	29 Nov 2016	10	14.57	79.78	6.4	33.29	8.1	24.7	0.77
A7	29 Nov 2016	11	14.39	80.03	6.4	33.30	8.1	24.8	0.75
A7	29 Nov 2016	12	14.34	79.87	6.3	33.30	8.1	24.8	0.64
A7	29 Nov 2016	13	14.27	79.72	6.1	33.30	8.1	24.8	0.57
A7	29 Nov 2016	14	14.22	79.62	6.0	33.29	8.0	24.8	0.52
A7	29 Nov 2016	15	13.91	79.77	6.1	33.28	8.0	24.9	0.49
A7	29 Nov 2016	16	13.76	79.62	6.1	33.29	8.0	24.9	0.49
A7	29 Nov 2016	17	13.68	79.09	6.1	33.29	8.0	24.9	0.48
A7	29 Nov 2016	18	13.66	79.27	6.0	33.29	8.0	24.9	0.47
A7	29 Nov 2016	19	13.55	78.56	6.0	33.28	8.0	25.0	0.46
A7	29 Nov 2016	20	13.49	77.00	6.1	33.29	8.0	25.0	0.47
C7	04 Nov 2016	1	16.54	80.05	8.3	33.32	8.1	24.3	2.77
C7	04 Nov 2016	2	16.52	79.91	8.3	33.32	8.1	24.3	3.58
C7	04 Nov 2016	3	16.52	79.66	8.1	33.32	8.1	24.3	4.32
C7	04 Nov 2016	4	16.49	79.71	7.9	33.32	8.1	24.3	3.95
C7	04 Nov 2016	5	16.37	78.82	7.6	33.31	8.1	24.4	3.48
C7	04 Nov 2016	6	16.00	78.59	7.4	33.28	8.1	24.4	3.05
C7	04 Nov 2016	7	15.57	79.21	7.2	33.28	8.1	24.5	2.63
C7	04 Nov 2016	8	15.30	80.11	7.1	33.28	8.1	24.6	2.34
C7	04 Nov 2016	9	14.99	81.54	7.0	33.27	8.1	24.6	2.07
C7	04 Nov 2016	10	14.74	82.52	7.0	33.27	8.1	24.7	1.73
C7	04 Nov 2016	11	14.56	83.51	7.0	33.27	8.1	24.7	1.62
C7	04 Nov 2016	12	14.46	83.98	6.9	33.27	8.0	24.8	1.68
C7	04 Nov 2016	13	14.28	84.42	6.8	33.27	8.0	24.8	1.57
C7	04 Nov 2016	14	14.17	85.06	6.6	33.27	8.0	24.8	1.14
C7	04 Nov 2016	15	14.01	85.32	6.2	33.26	8.0	24.8	0.88
C7	04 Nov 2016	16	13.81	85.54	5.9	33.25	8.0	24.9	0.76
C7	04 Nov 2016	17	13.22	85.66	6.0	33.26	8.0	25.0	0.77

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C7	04 Nov 2016	18	12.94	82.05	6.2	33.28	8.0	25.1	0.87
C7	10 Nov 2016	1	17.93	86.16	9.1	33.35	8.2	24.0	1.64
C7	10 Nov 2016	2	17.81	85.75	9.0	33.35	8.2	24.1	1.78
C7	10 Nov 2016	3	17.66	85.01	8.9	33.35	8.2	24.1	1.88
C7	10 Nov 2016	4	17.62	84.98	8.9	33.35	8.2	24.1	1.89
C7	10 Nov 2016	5	17.59	85.20	8.9	33.35	8.2	24.1	1.90
C7	10 Nov 2016	6	17.58	85.21	8.8	33.35	8.2	24.1	1.75
C7	10 Nov 2016	7	17.55	85.19	8.8	33.35	8.2	24.1	1.73
C7	10 Nov 2016	8	17.52	85.09	8.7	33.35	8.2	24.1	1.58
C7	10 Nov 2016	9	17.48	84.93	8.6	33.34	8.2	24.1	1.49
C7	10 Nov 2016	10	17.42	84.80	8.6	33.34	8.2	24.1	1.39
C7	10 Nov 2016	11	17.40	84.36	8.4	33.34	8.2	24.1	1.23
C7	10 Nov 2016	12	17.34	83.51	8.1	33.34	8.2	24.2	1.06
C7	10 Nov 2016	13	17.21	81.95	7.9	33.34	8.1	24.2	0.94
C7	10 Nov 2016	14	16.91	78.56	7.8	33.33	8.1	24.2	0.87
C7	10 Nov 2016	15	16.72	74.64	7.4	33.33	8.1	24.3	0.81
C7	10 Nov 2016	16	16.59	73.25	6.6	33.31	8.1	24.3	0.84
C7	10 Nov 2016	17	15.59	70.09	6.7	33.27	8.1	24.5	0.85
C7	10 Nov 2016	18	15.12	56.46	6.9	33.29	8.1	24.6	0.83
C7	10 Nov 2016	19	15.09	50.59	7.1	33.28	8.1	24.6	0.86
C7	16 Nov 2016	1	16.82	78.44	9.1	33.32	8.2	24.3	4.79
C7	16 Nov 2016	2	16.78	77.26	8.9	33.31	8.2	24.3	5.53
C7	16 Nov 2016	3	16.59	76.38	8.7	33.31	8.2	24.3	5.57
C7	16 Nov 2016	4	16.49	76.63	8.6	33.31	8.2	24.3	5.37
C7	16 Nov 2016	5	16.45	77.13	8.6	33.31	8.2	24.3	5.55
C7	16 Nov 2016	6	16.42	77.50	8.5	33.31	8.2	24.4	5.04
C7	16 Nov 2016	7	16.38	77.71	8.3	33.31	8.2	24.4	4.19
C7	16 Nov 2016	8	16.33	78.30	8.2	33.31	8.1	24.4	3.47
C7	16 Nov 2016	9	16.29	79.81	7.8	33.31	8.1	24.4	2.41
C7	16 Nov 2016	10	16.20	81.35	7.4	33.29	8.1	24.4	1.91
C7	16 Nov 2016	11	15.83	82.77	7.3	33.29	8.1	24.5	1.59
C7	16 Nov 2016	12	15.62	83.51	7.2	33.28	8.1	24.5	1.38
C7	16 Nov 2016	13	15.38	83.67	7.3	33.27	8.1	24.6	1.35
C7	16 Nov 2016	14	15.29	83.83	7.3	33.29	8.1	24.6	1.22
C7	16 Nov 2016	15	15.35	84.09	7.2	33.28	8.1	24.6	1.09
C7	16 Nov 2016	16	15.24	84.10	7.1	33.29	8.1	24.6	1.01
C7	16 Nov 2016	17	15.20	84.00	6.8	33.28	8.1	24.6	0.91
C7	16 Nov 2016	18	14.87	83.58	6.9	33.28	8.1	24.7	0.87
C7	16 Nov 2016	19	14.83	82.76	7.0	33.28	8.0	24.7	0.89
C7	20 Nov 2016	1	16.48	79.33	8.1	33.33	8.1	24.4	2.40
C7	20 Nov 2016	2	16.46	79.25	8.2	33.33	8.1	24.4	2.83
C7	20 Nov 2016	3	16.44	78.50	8.2	33.33	8.1	24.4	2.90
C7	20 Nov 2016	4	16.43	77.60	8.1	33.33	8.1	24.4	2.85
C7	20 Nov 2016	5	16.43	77.07	8.1	33.33	8.1	24.4	2.73
C7	20 Nov 2016	6	16.42	76.79	8.0	33.33	8.1	24.4	2.30
C7	20 Nov 2016	7	16.42	76.37	7.8	33.33	8.1	24.4	1.77
C7	20 Nov 2016	8	16.39	74.90	7.5	33.33	8.1	24.4	1.53
C7	20 Nov 2016	9	16.27	75.79	7.5	33.33	8.1	24.4	1.41
C7	20 Nov 2016	10	16.25	76.16	7.5	33.33	8.1	24.4	1.36
C7	20 Nov 2016	11	16.23	76.41	7.4	33.33	8.1	24.4	1.21
C7	20 Nov 2016	12	16.21	76.80	7.3	33.32	8.1	24.4	1.12
C7	20 Nov 2016	13	16.17	76.95	7.1	33.32	8.1	24.4	0.99

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C7	20 Nov 2016	14	16.08	77.90	7.0	33.32	8.1	24.4	0.82
C7	20 Nov 2016	15	15.95	79.82	6.8	33.31	8.1	24.5	0.61
C7	20 Nov 2016	16	15.77	82.02	6.4	33.31	8.1	24.5	0.51
C7	20 Nov 2016	17	15.34	83.91	6.6	33.28	8.1	24.6	0.60
C7	20 Nov 2016	18	14.85	83.64	7.0	33.31	8.1	24.7	0.59
C7	29 Nov 2016	1	15.67	78.77	7.4	33.34	8.1	24.5	1.45
C7	29 Nov 2016	2	15.67	78.46	7.4	33.34	8.1	24.5	1.50
C7	29 Nov 2016	3	15.66	78.16	7.3	33.34	8.1	24.5	1.53
C7	29 Nov 2016	4	15.65	78.51	7.3	33.34	8.1	24.5	1.50
C7	29 Nov 2016	5	15.64	78.91	7.2	33.34	8.1	24.6	1.33
C7	29 Nov 2016	6	15.63	79.15	7.0	33.34	8.1	24.6	1.23
C7	29 Nov 2016	7	15.60	79.58	6.9	33.33	8.1	24.6	1.22
C7	29 Nov 2016	8	15.50	80.02	6.8	33.33	8.1	24.6	1.07
C7	29 Nov 2016	9	15.35	80.91	6.7	33.32	8.1	24.6	0.95
C7	29 Nov 2016	10	15.27	81.12	6.6	33.32	8.1	24.6	0.87
C7	29 Nov 2016	11	15.16	81.63	6.6	33.32	8.1	24.6	0.87
C7	29 Nov 2016	12	15.09	81.70	6.6	33.31	8.1	24.7	0.84
C7	29 Nov 2016	13	15.01	81.67	6.5	33.31	8.1	24.7	0.77
C7	29 Nov 2016	14	15.01	81.55	6.3	33.31	8.1	24.7	0.74
C7	29 Nov 2016	15	14.83	81.06	6.3	33.30	8.1	24.7	0.68
C7	29 Nov 2016	16	14.68	81.05	6.3	33.30	8.1	24.7	0.65
C7	29 Nov 2016	17	14.56	81.19	6.4	33.29	8.1	24.8	0.63
C7	29 Nov 2016	18	14.32	81.19	6.4	33.29	8.1	24.8	0.62
C7	29 Nov 2016	19	14.26	80.53	6.5	33.29	8.1	24.8	0.70
C8	04 Nov 2016	1	16.46	82.53	8.3	33.33	8.1	24.4	2.23
C8	04 Nov 2016	2	16.47	82.25	8.1	33.33	8.1	24.4	2.85
C8	04 Nov 2016	3	16.29	81.36	8.0	33.31	8.1	24.4	2.89
C8	04 Nov 2016	4	16.05	80.24	7.9	33.31	8.1	24.4	3.12
C8	04 Nov 2016	5	15.73	80.70	7.8	33.28	8.1	24.5	3.42
C8	04 Nov 2016	6	15.35	81.58	7.8	33.29	8.1	24.6	3.85
C8	04 Nov 2016	7	15.27	81.71	7.5	33.28	8.1	24.6	3.88
C8	04 Nov 2016	8	15.07	81.57	7.3	33.27	8.1	24.6	3.23
C8	04 Nov 2016	9	14.82	80.70	7.1	33.27	8.1	24.7	2.50
C8	04 Nov 2016	10	14.72	80.82	7.0	33.27	8.1	24.7	2.06
C8	04 Nov 2016	11	14.48	82.52	6.8	33.27	8.1	24.7	1.58
C8	04 Nov 2016	12	14.28	83.46	6.6	33.27	8.0	24.8	1.29
C8	04 Nov 2016	13	14.16	84.24	6.4	33.27	8.0	24.8	1.20
C8	04 Nov 2016	14	13.96	84.65	6.3	33.26	8.0	24.9	1.10
C8	04 Nov 2016	15	13.61	84.69	6.3	33.27	8.0	24.9	1.00
C8	04 Nov 2016	16	13.40	85.16	6.2	33.27	8.0	25.0	1.00
C8	04 Nov 2016	17	13.20	85.00	6.3	33.28	8.0	25.0	1.02
C8	04 Nov 2016	18	13.19	82.50	6.3	33.28	8.0	25.0	1.02
C8	04 Nov 2016	19	13.20	79.82	6.4	33.28	8.0	25.0	0.99
C8	04 Nov 2016	20	13.20	79.20	6.4	33.28	8.0	25.0	1.00
C8	10 Nov 2016	1	18.19	86.91	9.2	33.36	8.2	24.0	0.61
C8	10 Nov 2016	2	18.17	86.92	9.2	33.36	8.2	24.0	0.68
C8	10 Nov 2016	3	18.14	86.78	9.2	33.36	8.2	24.0	0.72
C8	10 Nov 2016	4	18.13	86.72	9.2	33.36	8.2	24.0	0.73
C8	10 Nov 2016	5	18.12	86.69	9.2	33.36	8.2	24.0	1.27
C8	10 Nov 2016	6	18.04	86.83	9.5	33.35	8.2	24.0	2.92
C8	10 Nov 2016	7	17.68	86.65	9.5	33.33	8.2	24.1	3.36
C8	10 Nov 2016	8	17.50	84.63	9.0	33.33	8.2	24.1	3.17

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C8	10 Nov 2016	9	17.35	83.06	8.8	33.32	8.2	24.1	2.78
C8	10 Nov 2016	10	17.24	82.40	8.8	33.33	8.2	24.2	2.68
C8	10 Nov 2016	11	17.17	82.13	8.7	33.33	8.2	24.2	2.05
C8	10 Nov 2016	12	17.17	82.26	8.4	33.33	8.2	24.2	1.78
C8	10 Nov 2016	13	17.02	81.92	8.4	33.33	8.2	24.2	1.50
C8	10 Nov 2016	14	16.98	81.73	8.2	33.33	8.2	24.2	1.23
C8	10 Nov 2016	15	16.89	81.58	7.7	33.32	8.1	24.3	1.09
C8	10 Nov 2016	16	16.31	81.21	6.9	33.29	8.1	24.4	1.22
C8	10 Nov 2016	17	15.49	65.75	6.5	33.26	8.1	24.5	1.45
C8	10 Nov 2016	18	14.39	43.09	6.8	33.26	8.1	24.8	1.51
C8	10 Nov 2016	19	14.34	22.54	7.0	33.26	8.0	24.8	1.45
C8	16 Nov 2016	1	17.17	70.06	8.2	33.34	8.1	24.2	3.89
C8	16 Nov 2016	2	17.13	70.41	8.3	33.34	8.1	24.2	5.18
C8	16 Nov 2016	3	16.90	72.06	8.3	33.32	8.1	24.2	5.45
C8	16 Nov 2016	4	16.64	74.00	8.3	33.32	8.1	24.3	5.20
C8	16 Nov 2016	5	16.53	75.50	8.3	33.32	8.1	24.3	4.80
C8	16 Nov 2016	6	16.44	76.66	8.3	33.31	8.1	24.3	4.51
C8	16 Nov 2016	7	16.40	78.22	8.4	33.31	8.1	24.4	4.30
C8	16 Nov 2016	8	16.39	78.22	8.4	33.31	8.1	24.4	4.11
C8	16 Nov 2016	9	16.35	78.99	8.4	33.31	8.1	24.4	3.63
C8	16 Nov 2016	10	16.34	80.02	8.3	33.31	8.1	24.4	3.35
C8	16 Nov 2016	11	16.27	80.11	8.3	33.31	8.1	24.4	3.14
C8	16 Nov 2016	12	16.26	80.35	8.3	33.30	8.1	24.4	2.92
C8	16 Nov 2016	13	16.18	80.74	8.4	33.30	8.1	24.4	2.80
C8	16 Nov 2016	14	16.12	81.48	8.3	33.30	8.1	24.4	2.33
C8	16 Nov 2016	15	16.07	81.94	8.2	33.29	8.1	24.4	1.83
C8	16 Nov 2016	16	15.95	82.44	8.0	33.29	8.1	24.4	1.63
C8	16 Nov 2016	17	15.92	82.34	7.8	33.29	8.1	24.5	1.56
C8	16 Nov 2016	18	15.79	82.23	7.5	33.29	8.1	24.5	1.07
C8	16 Nov 2016	19	15.61	82.23	7.2	33.27	8.1	24.5	1.05
C8	16 Nov 2016	20	15.18	81.42	7.5	33.29	8.1	24.6	1.02
C8	20 Nov 2016	1	16.51	81.05	7.9	33.35	8.1	24.4	1.52
C8	20 Nov 2016	2	16.46	80.87	7.9	33.34	8.1	24.4	1.60
C8	20 Nov 2016	3	16.39	81.07	7.9	33.34	8.1	24.4	1.66
C8	20 Nov 2016	4	16.36	80.98	7.8	33.34	8.1	24.4	1.81
C8	20 Nov 2016	5	16.34	81.14	7.6	33.34	8.1	24.4	1.88
C8	20 Nov 2016	6	16.29	80.88	7.6	33.33	8.1	24.4	1.98
C8	20 Nov 2016	7	16.19	80.98	7.5	33.33	8.1	24.4	1.99
C8	20 Nov 2016	8	16.12	80.74	7.5	33.33	8.1	24.4	1.96
C8	20 Nov 2016	9	16.08	80.59	7.4	33.32	8.1	24.4	1.89
C8	20 Nov 2016	10	16.04	80.55	7.4	33.32	8.1	24.4	1.76
C8	20 Nov 2016	11	15.98	80.69	7.3	33.32	8.1	24.5	1.51
C8	20 Nov 2016	12	15.94	80.76	7.2	33.32	8.1	24.5	1.29
C8	20 Nov 2016	13	15.91	80.96	7.0	33.31	8.1	24.5	1.28
C8	20 Nov 2016	14	15.80	81.60	7.0	33.31	8.1	24.5	1.14
C8	20 Nov 2016	15	15.65	82.50	6.9	33.30	8.1	24.5	0.94
C8	20 Nov 2016	16	15.49	82.57	6.7	33.29	8.1	24.5	0.84
C8	20 Nov 2016	17	15.36	82.55	6.4	33.29	8.1	24.6	0.80
C8	20 Nov 2016	18	15.12	78.45	6.5	33.29	8.1	24.6	0.82
C8	20 Nov 2016	19	15.02	72.96	6.7	33.29	8.1	24.7	0.79
C8	29 Nov 2016	1	15.76	83.31	7.6	33.32	8.1	24.5	1.27
C8	29 Nov 2016	2	15.73	82.88	7.6	33.32	8.1	24.5	1.53

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
C8	29 Nov 2016	3	15.66	83.39	7.5	33.32	8.1	24.5	1.69
C8	29 Nov 2016	4	15.65	83.44	7.5	33.32	8.1	24.5	1.74
C8	29 Nov 2016	5	15.63	83.36	7.5	33.32	8.1	24.5	1.75
C8	29 Nov 2016	6	15.61	83.01	7.5	33.32	8.1	24.5	1.76
C8	29 Nov 2016	7	15.60	82.90	7.4	33.32	8.1	24.5	1.70
C8	29 Nov 2016	8	15.58	82.75	7.3	33.32	8.1	24.5	1.47
C8	29 Nov 2016	9	15.54	82.69	7.0	33.32	8.1	24.6	1.22
C8	29 Nov 2016	10	15.46	82.71	6.6	33.31	8.1	24.6	0.98
C8	29 Nov 2016	11	15.26	82.63	6.4	33.30	8.1	24.6	0.91
C8	29 Nov 2016	12	14.95	82.51	6.5	33.29	8.1	24.7	0.90
C8	29 Nov 2016	13	14.75	82.41	6.5	33.30	8.1	24.7	0.82
C8	29 Nov 2016	14	14.78	82.29	6.4	33.28	8.1	24.7	0.76
C8	29 Nov 2016	15	14.40	82.52	6.4	33.27	8.1	24.8	0.75
C8	29 Nov 2016	16	14.29	82.27	6.5	33.29	8.1	24.8	0.77
C8	29 Nov 2016	17	14.28	81.30	6.5	33.29	8.1	24.8	0.77
C8	29 Nov 2016	18	14.28	81.01	6.5	33.29	8.1	24.8	0.74
C8	29 Nov 2016	19	14.28	80.62	6.5	33.29	8.1	24.8	0.74
C8	29 Nov 2016	20	14.28	80.30	6.5	33.29	8.0	24.8	0.73

NA = not available

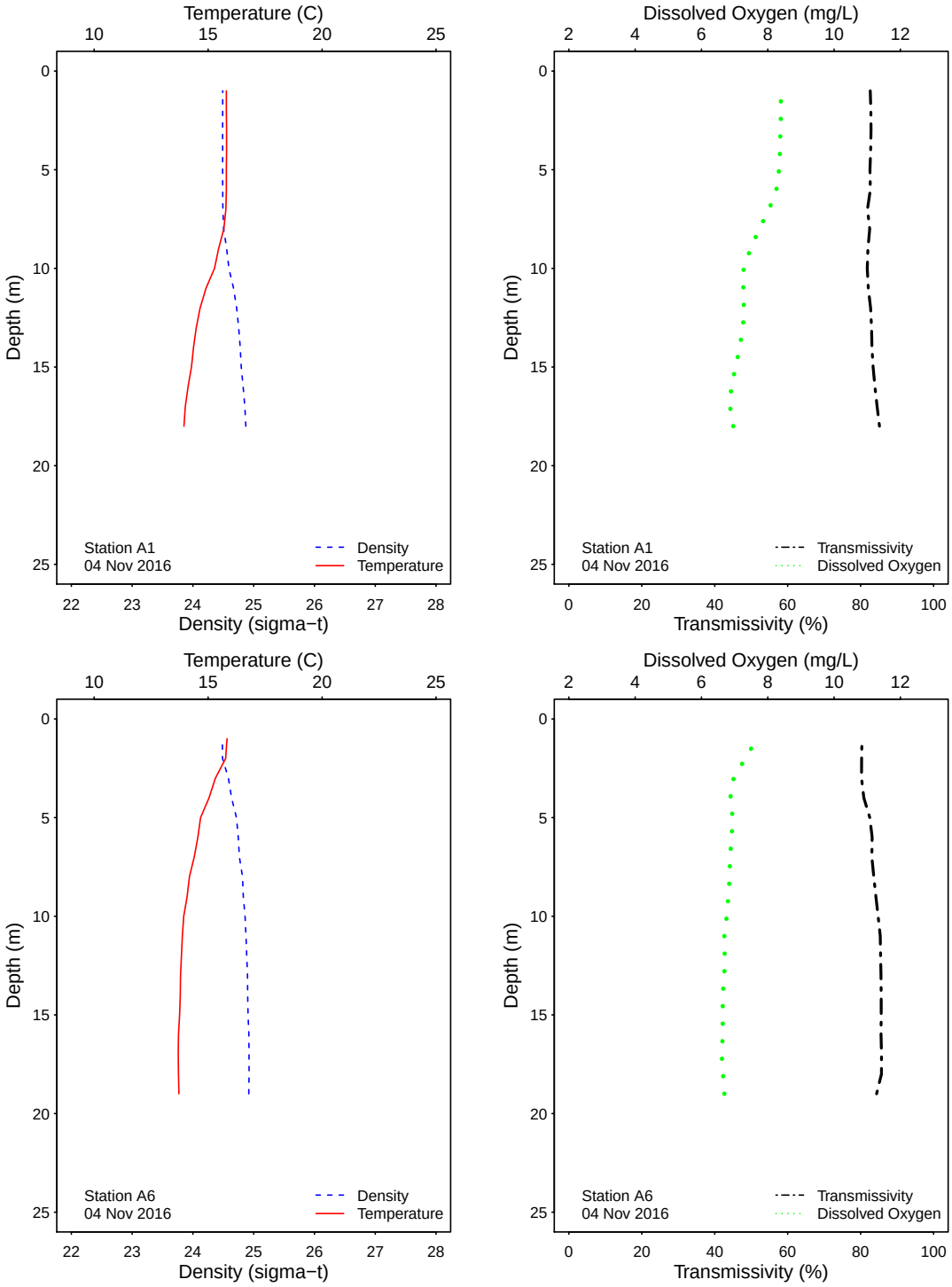


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

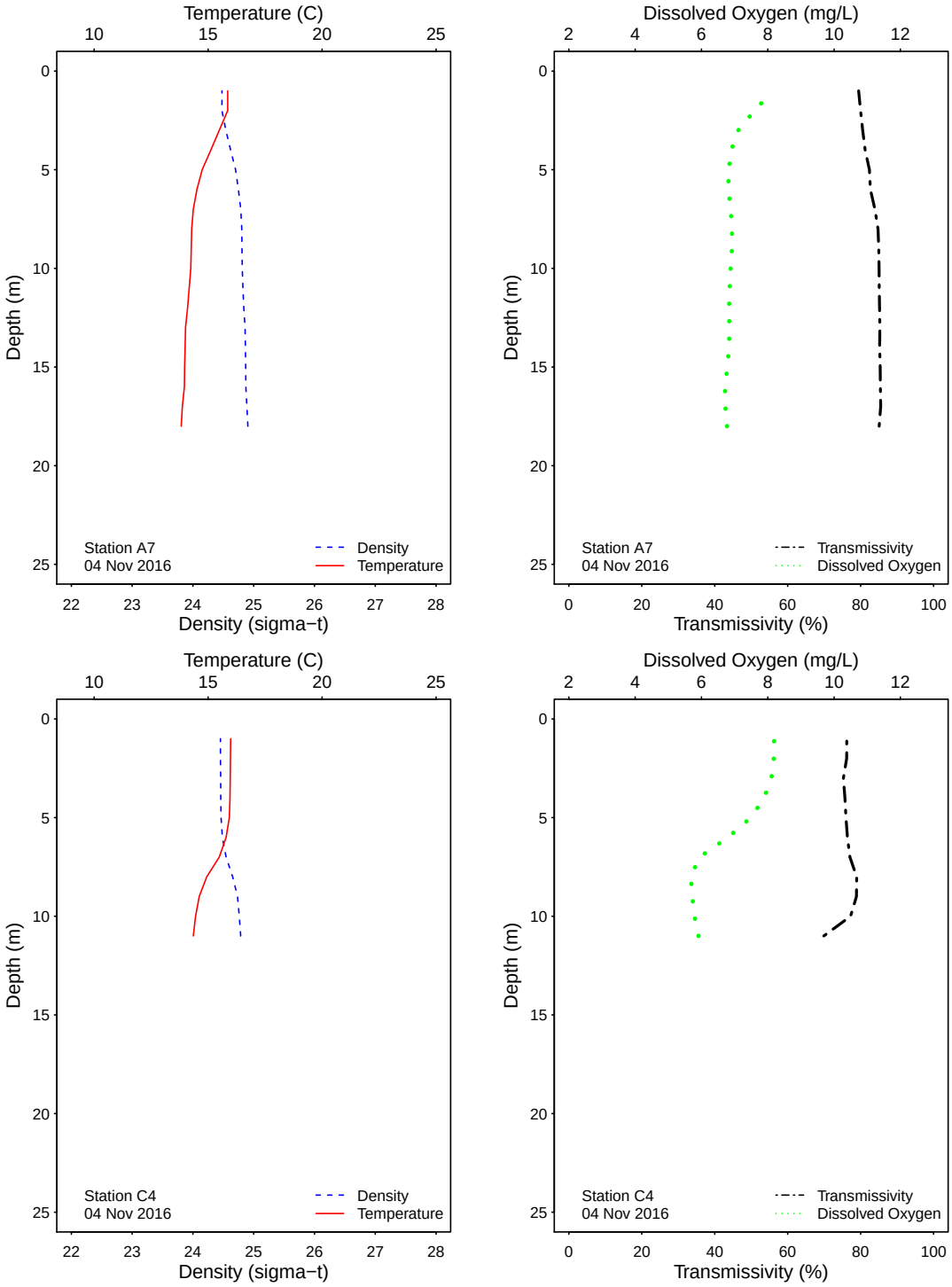


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

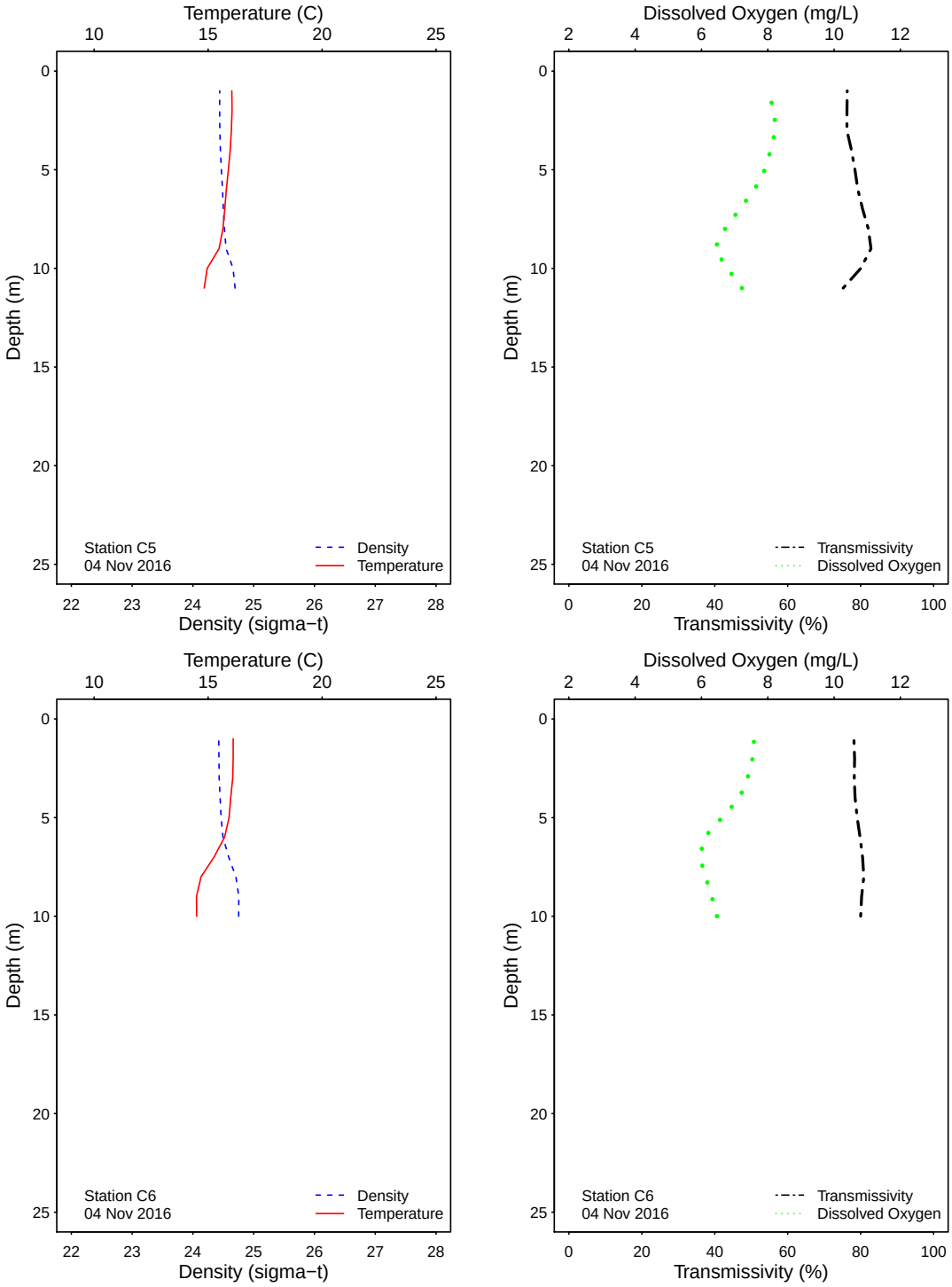


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

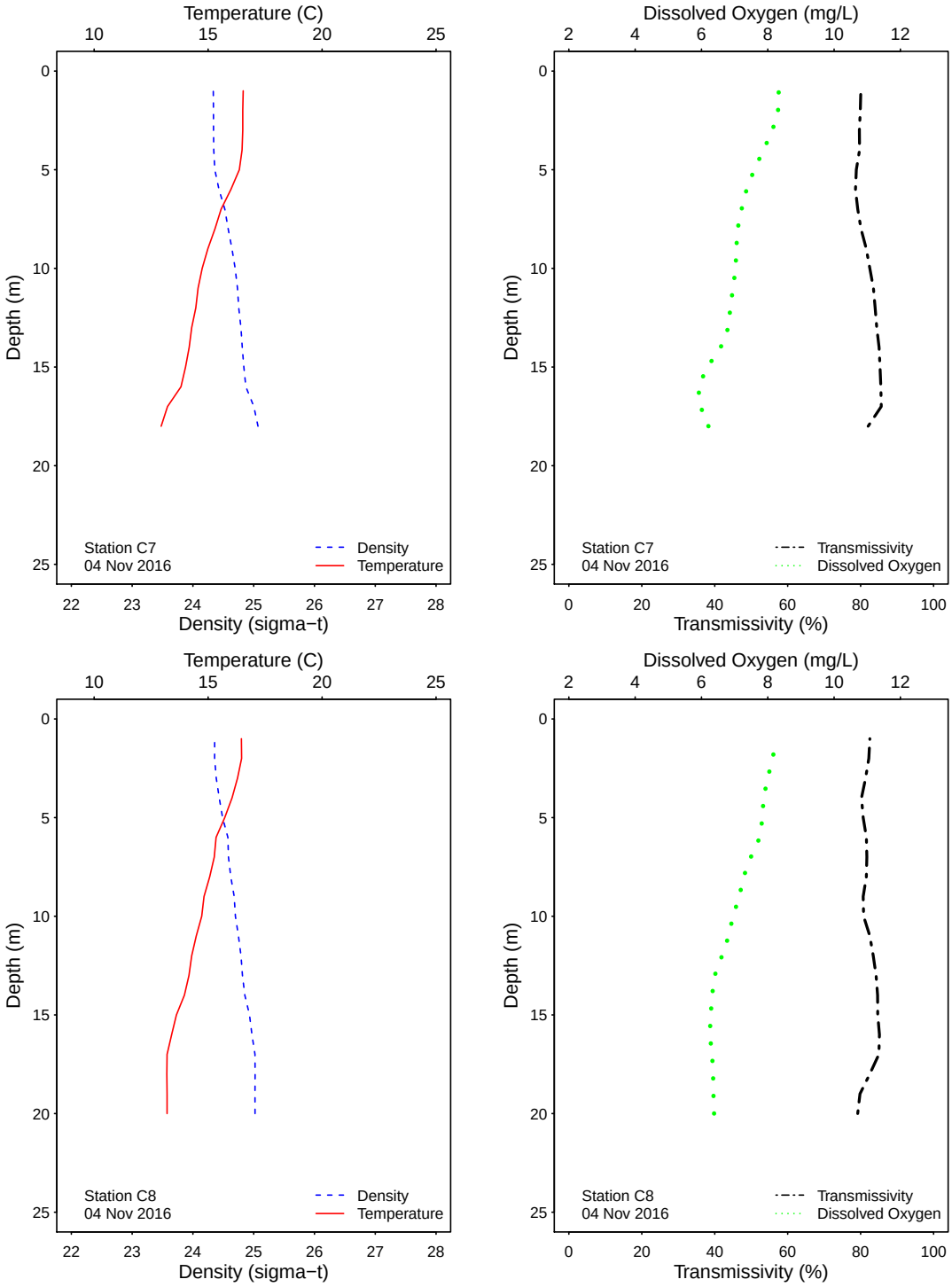


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

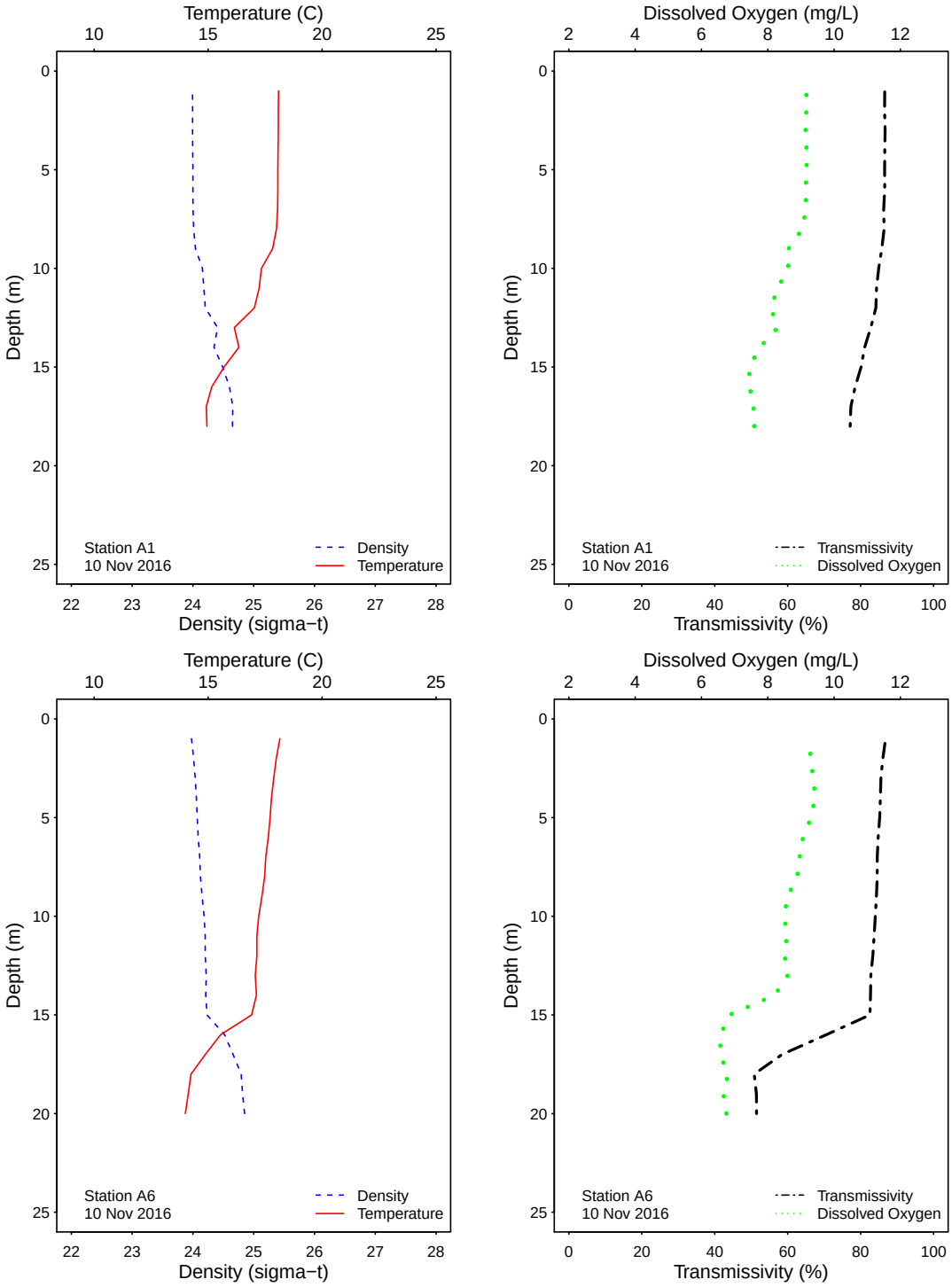


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

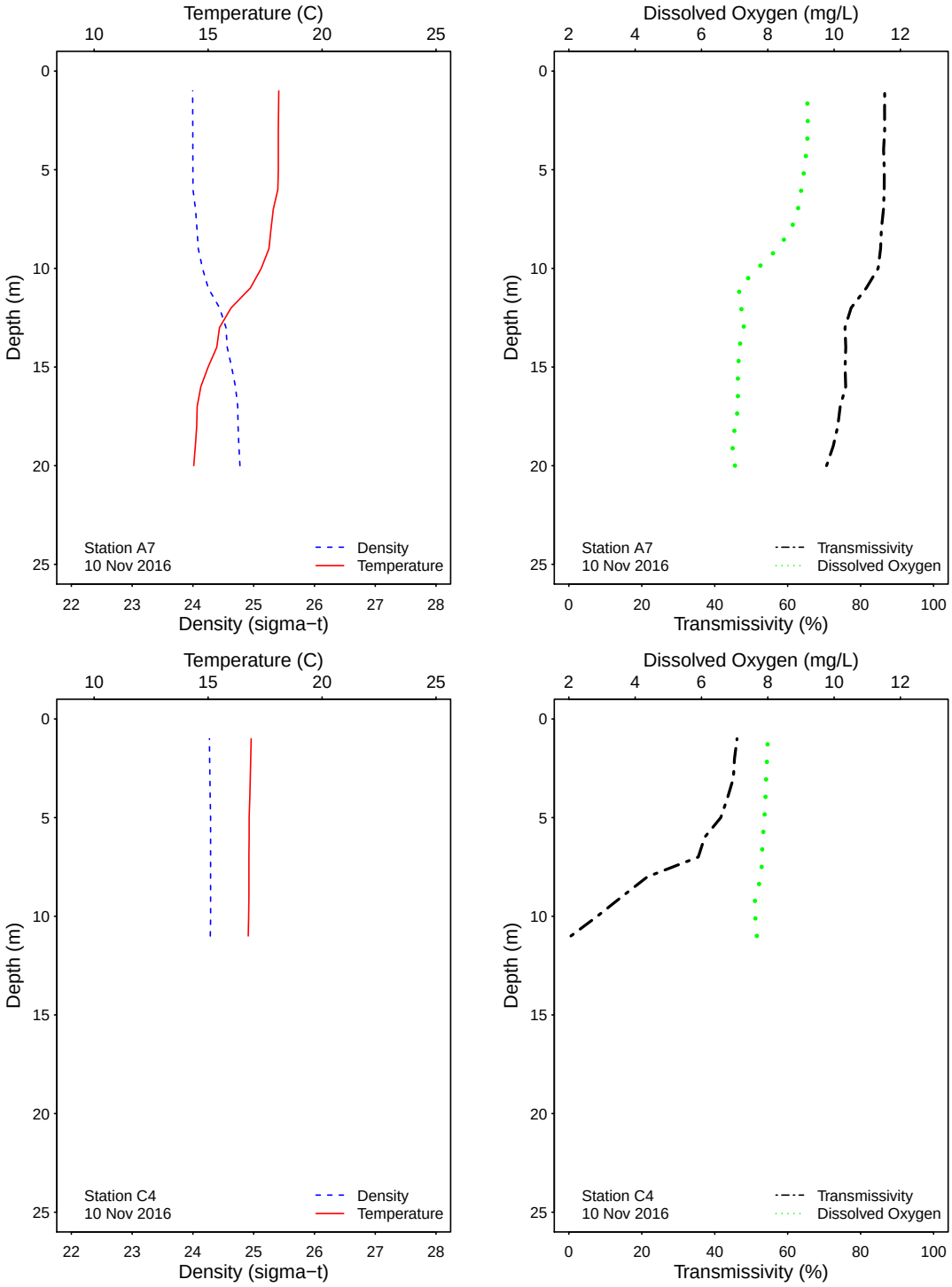


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

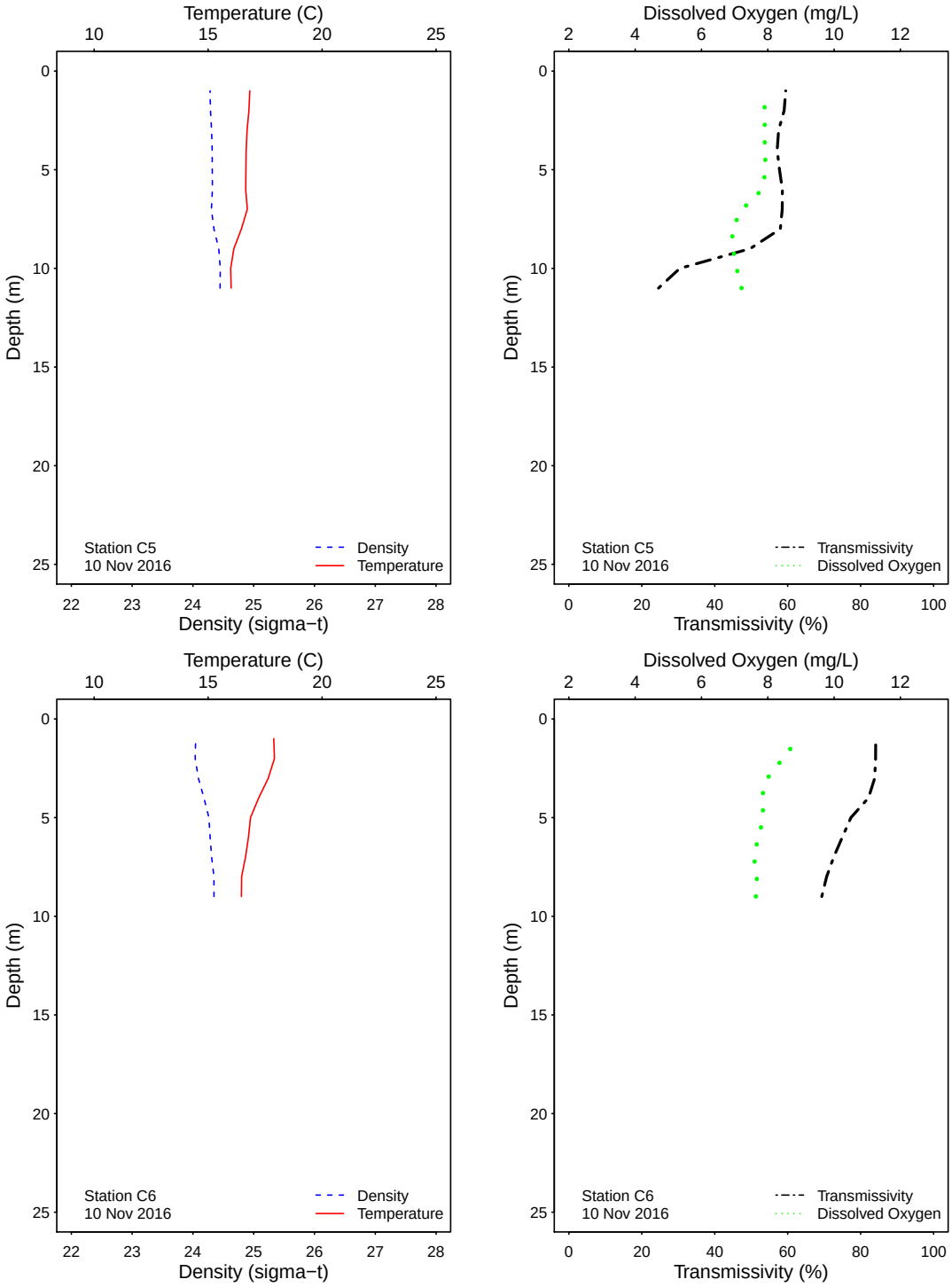


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

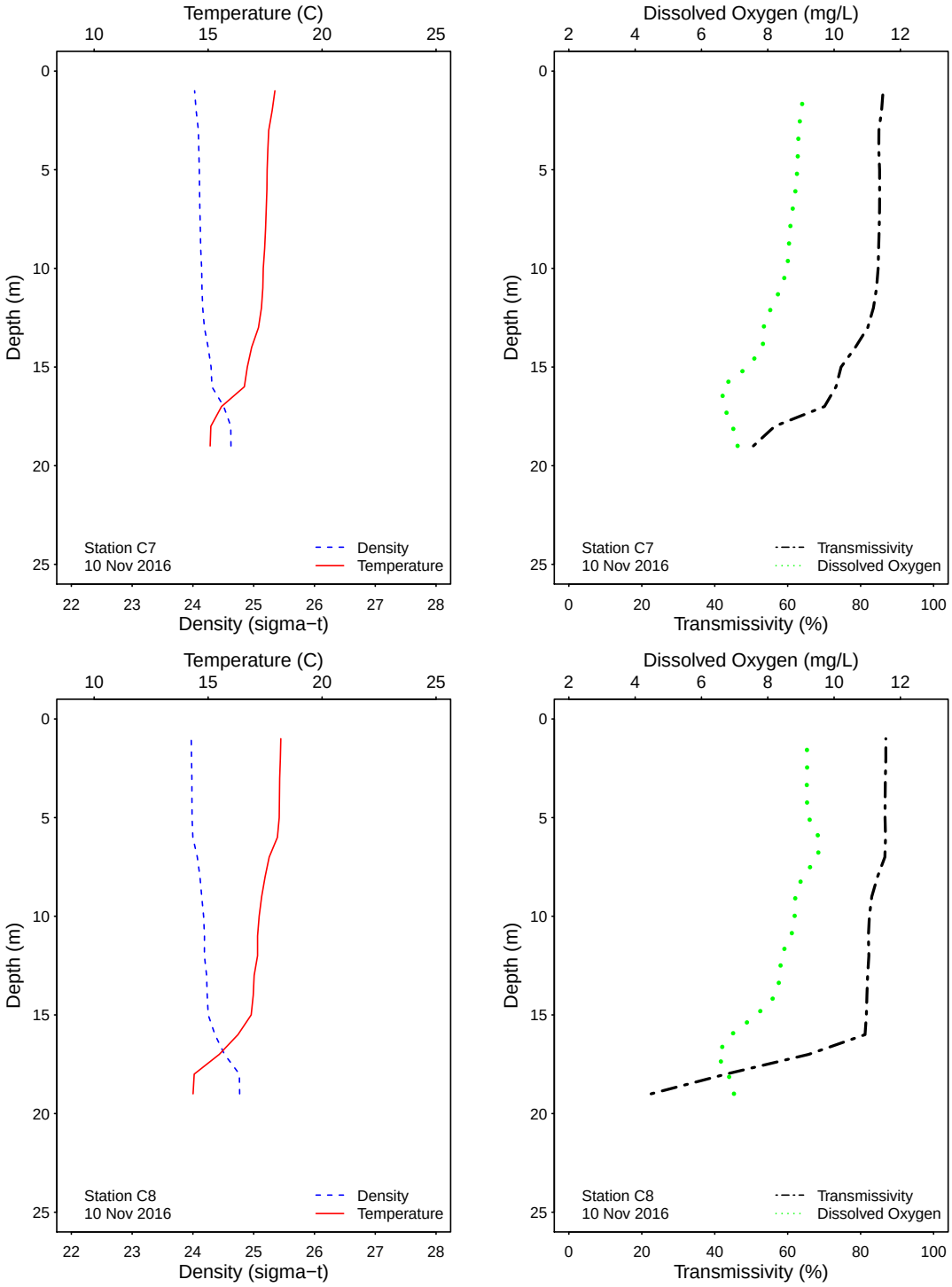


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

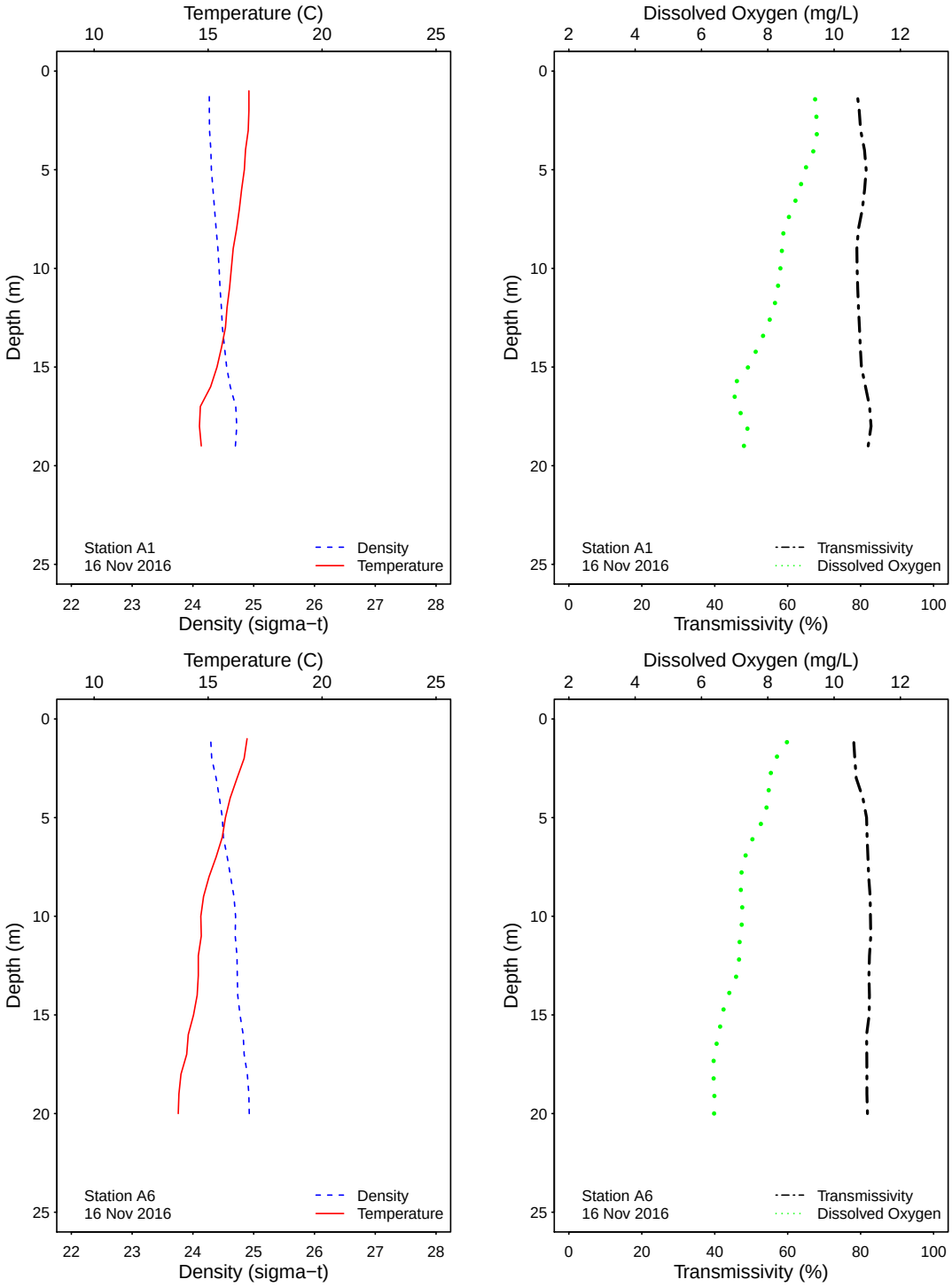


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

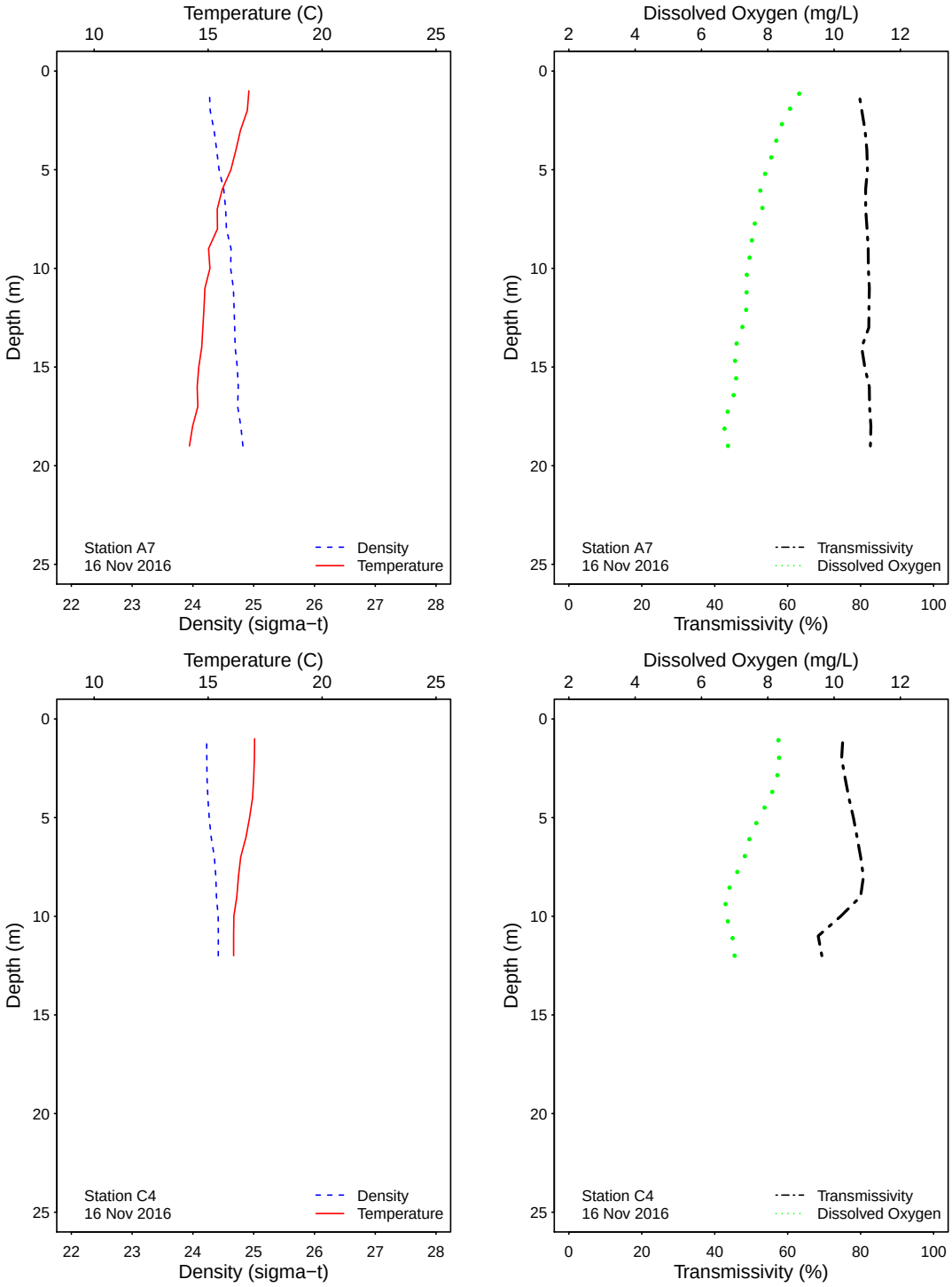


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

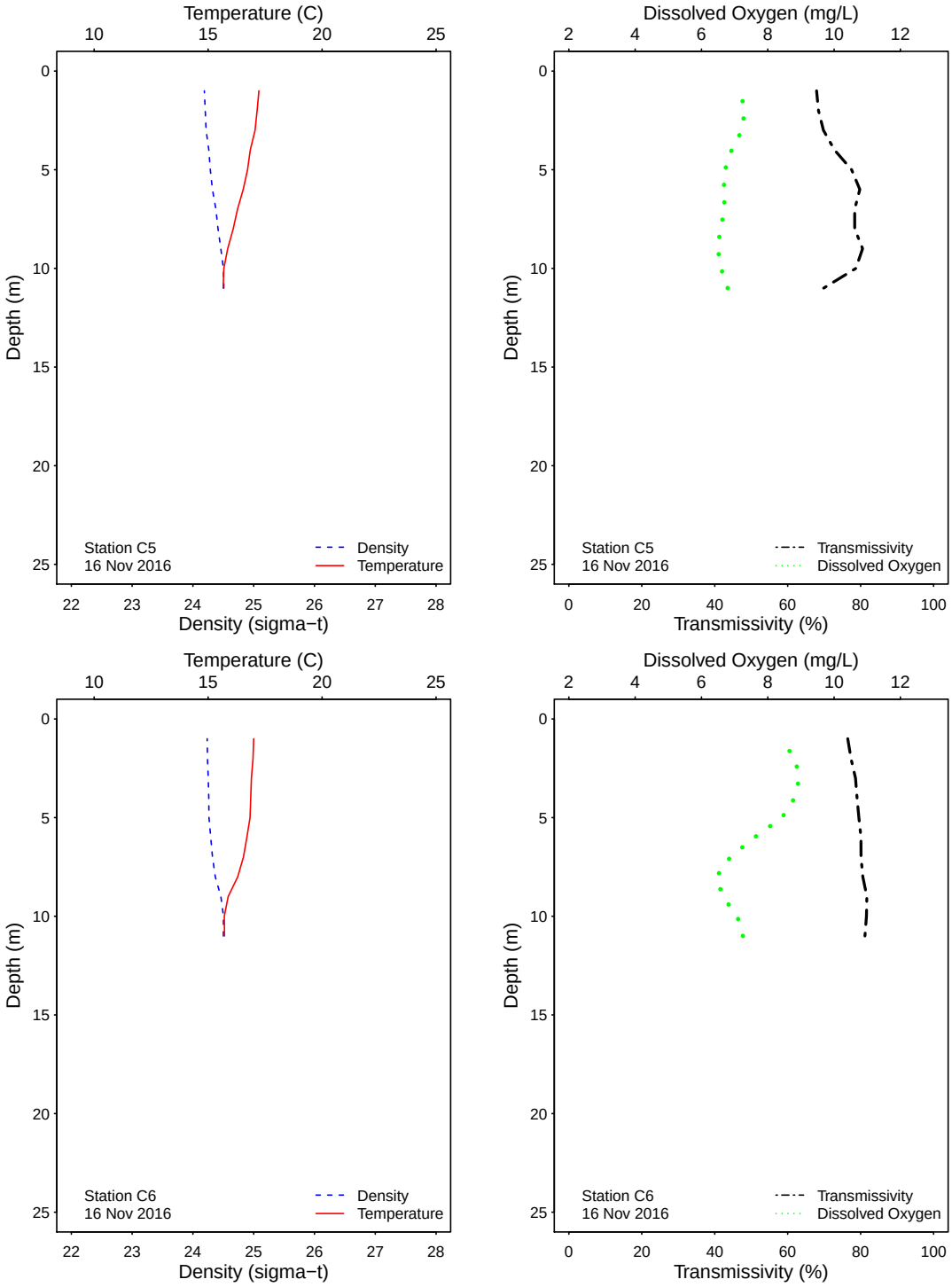


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

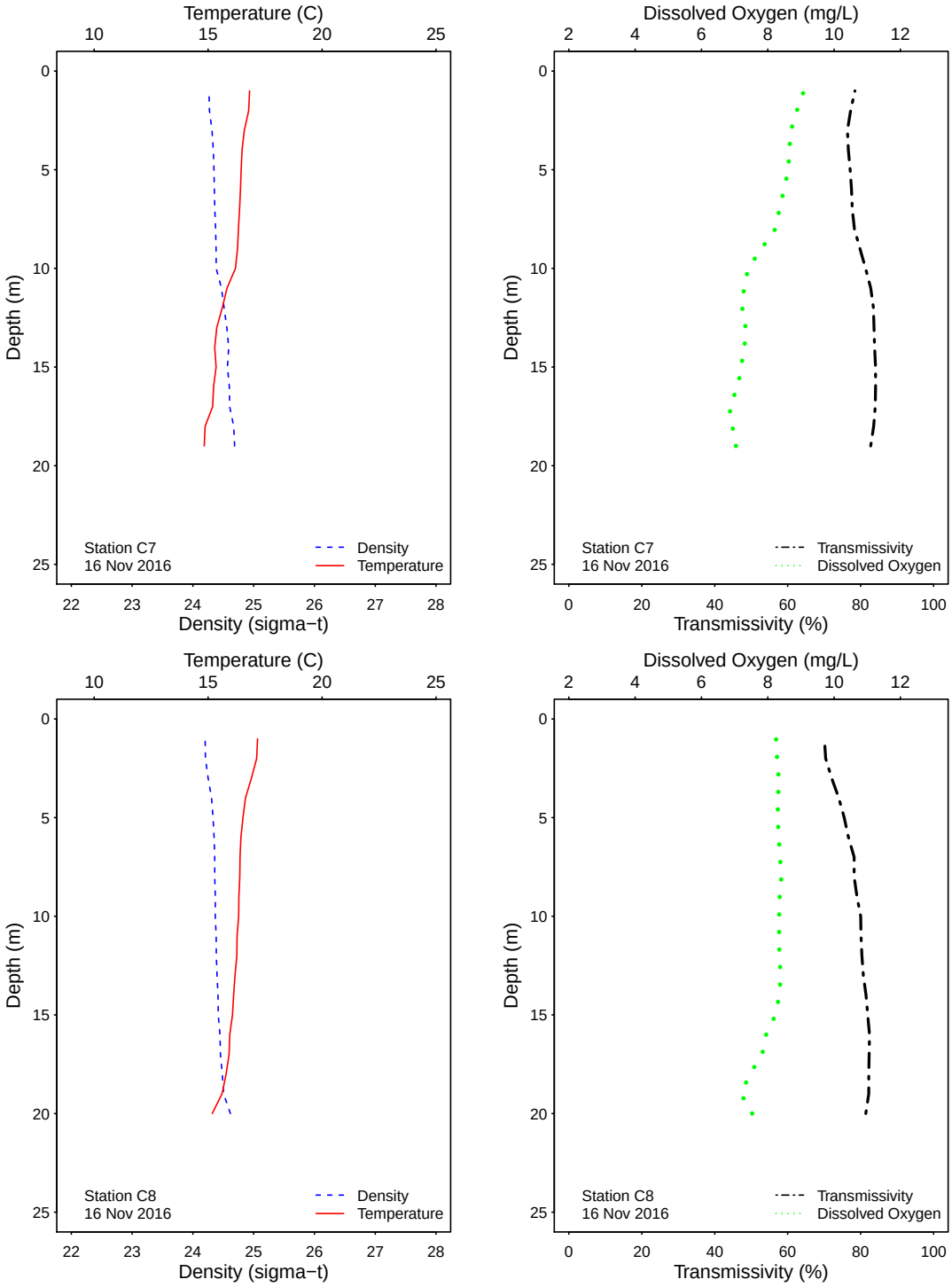


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

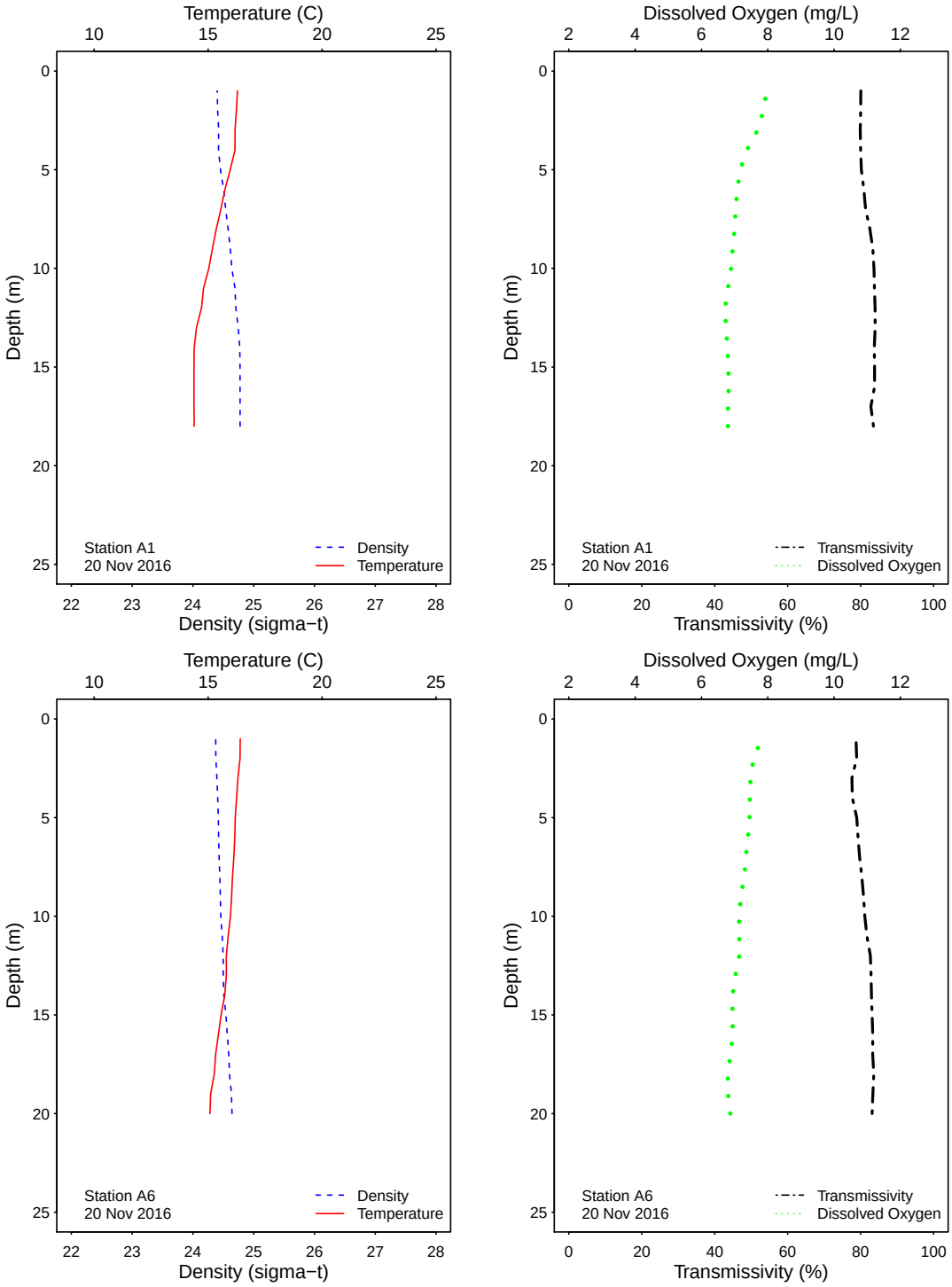


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

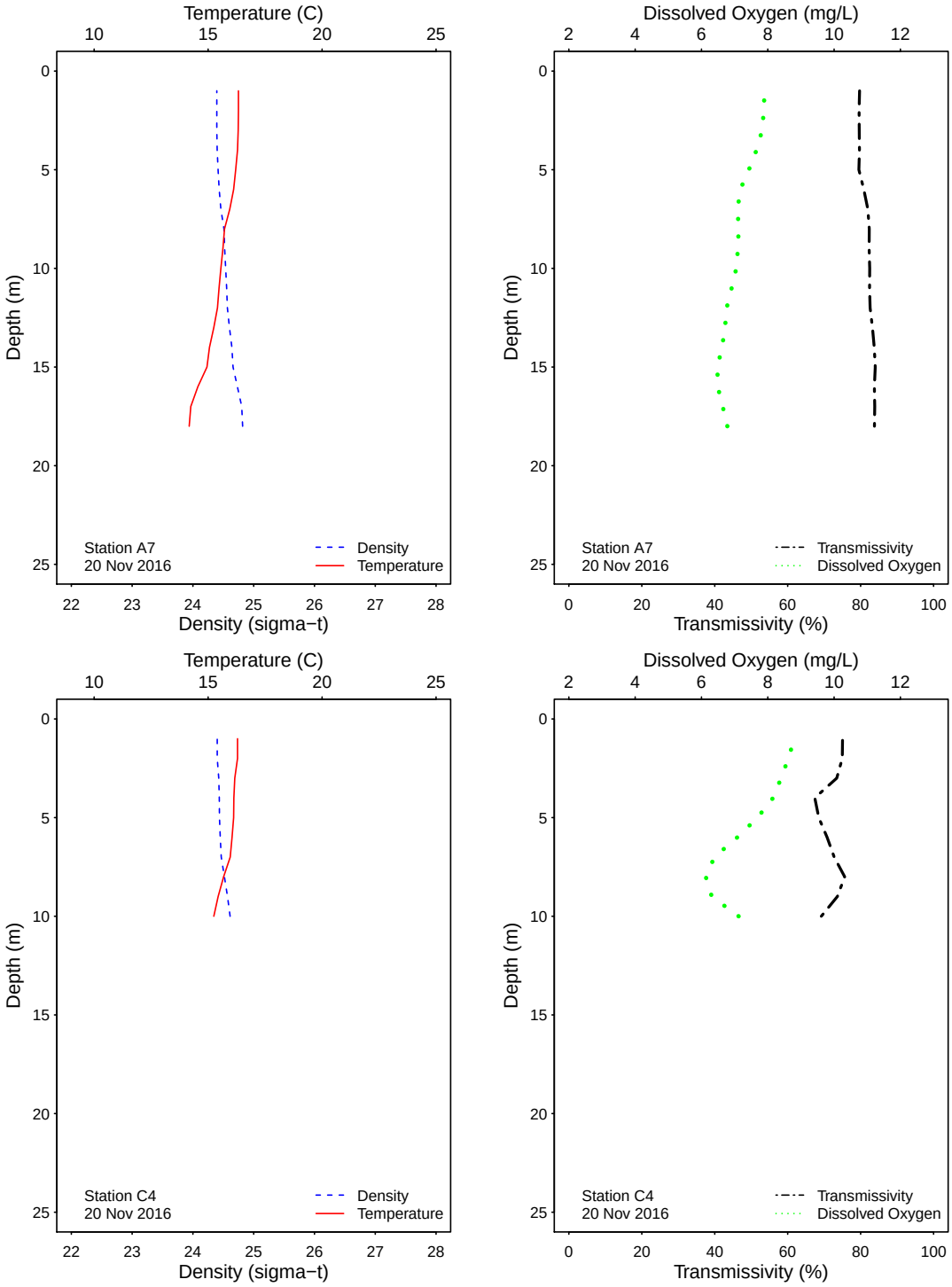


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

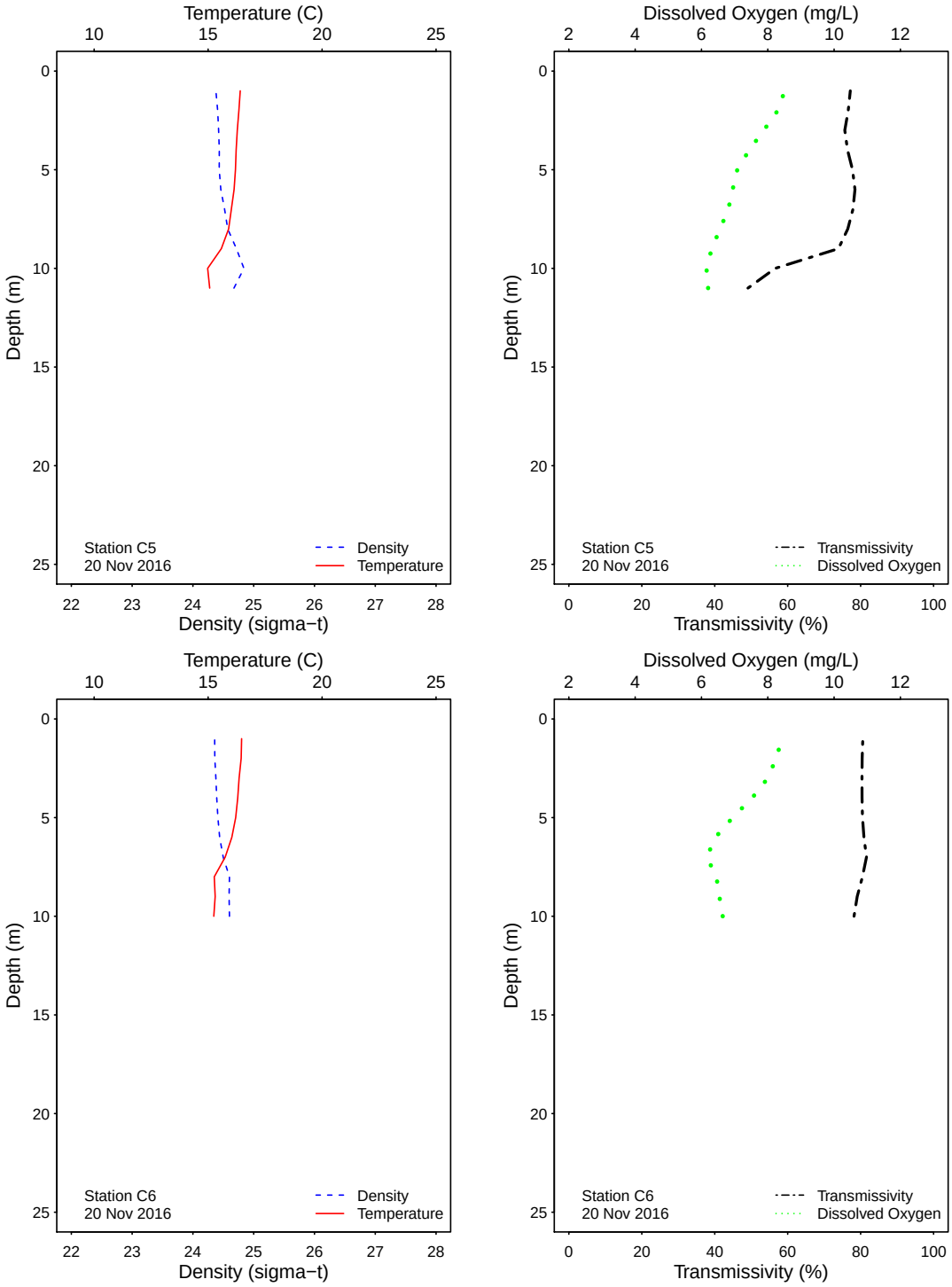


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

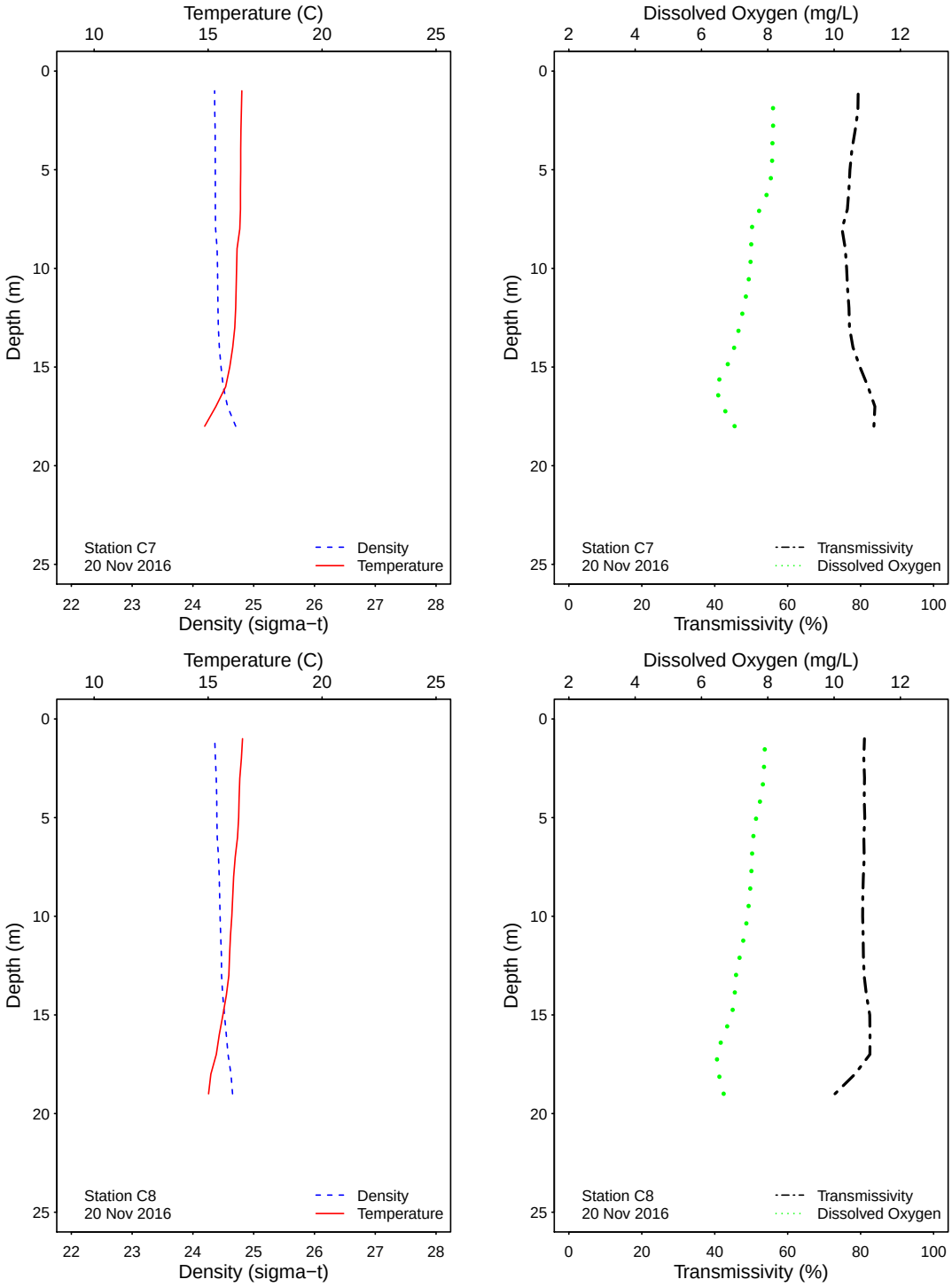


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

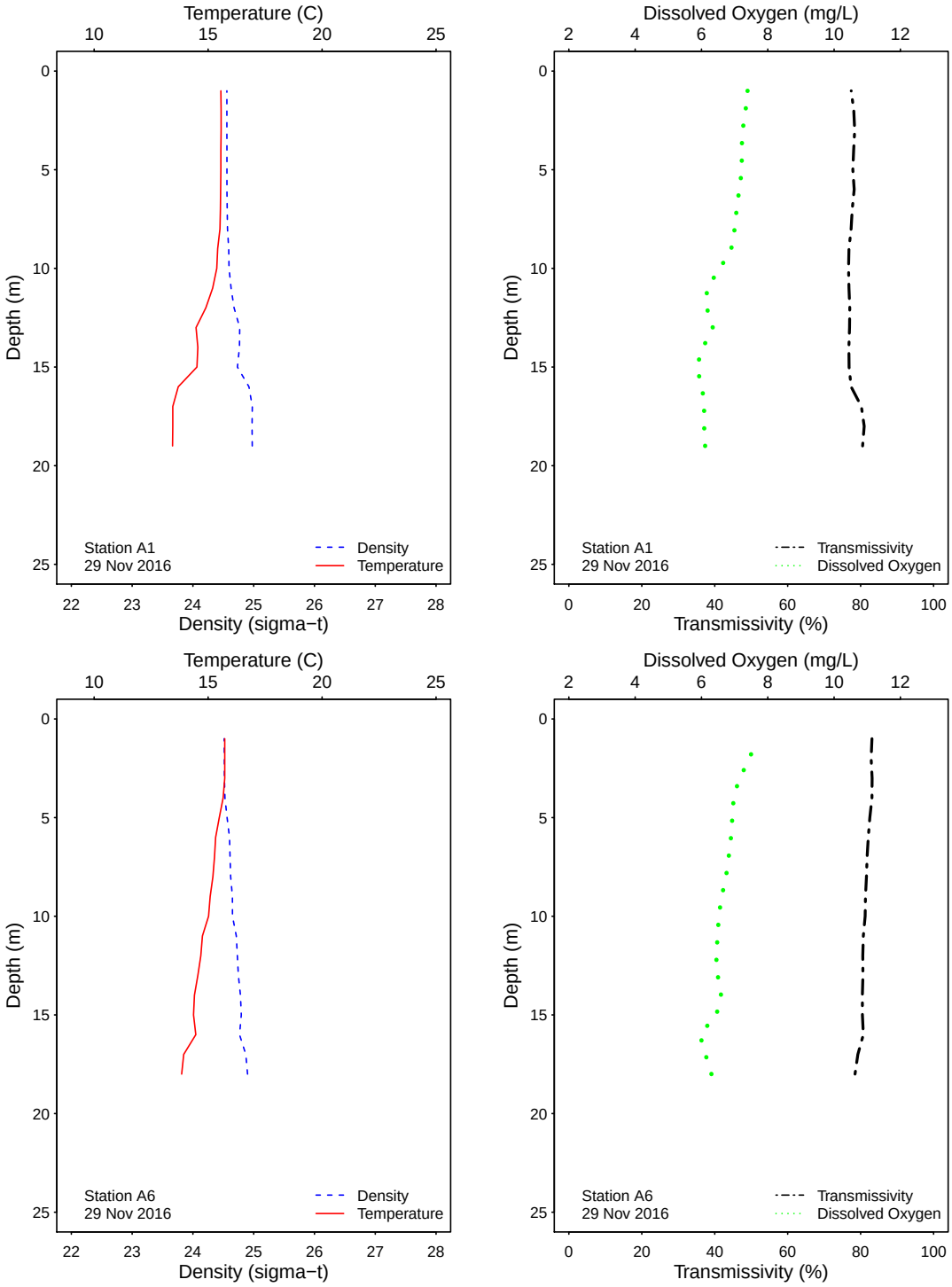


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

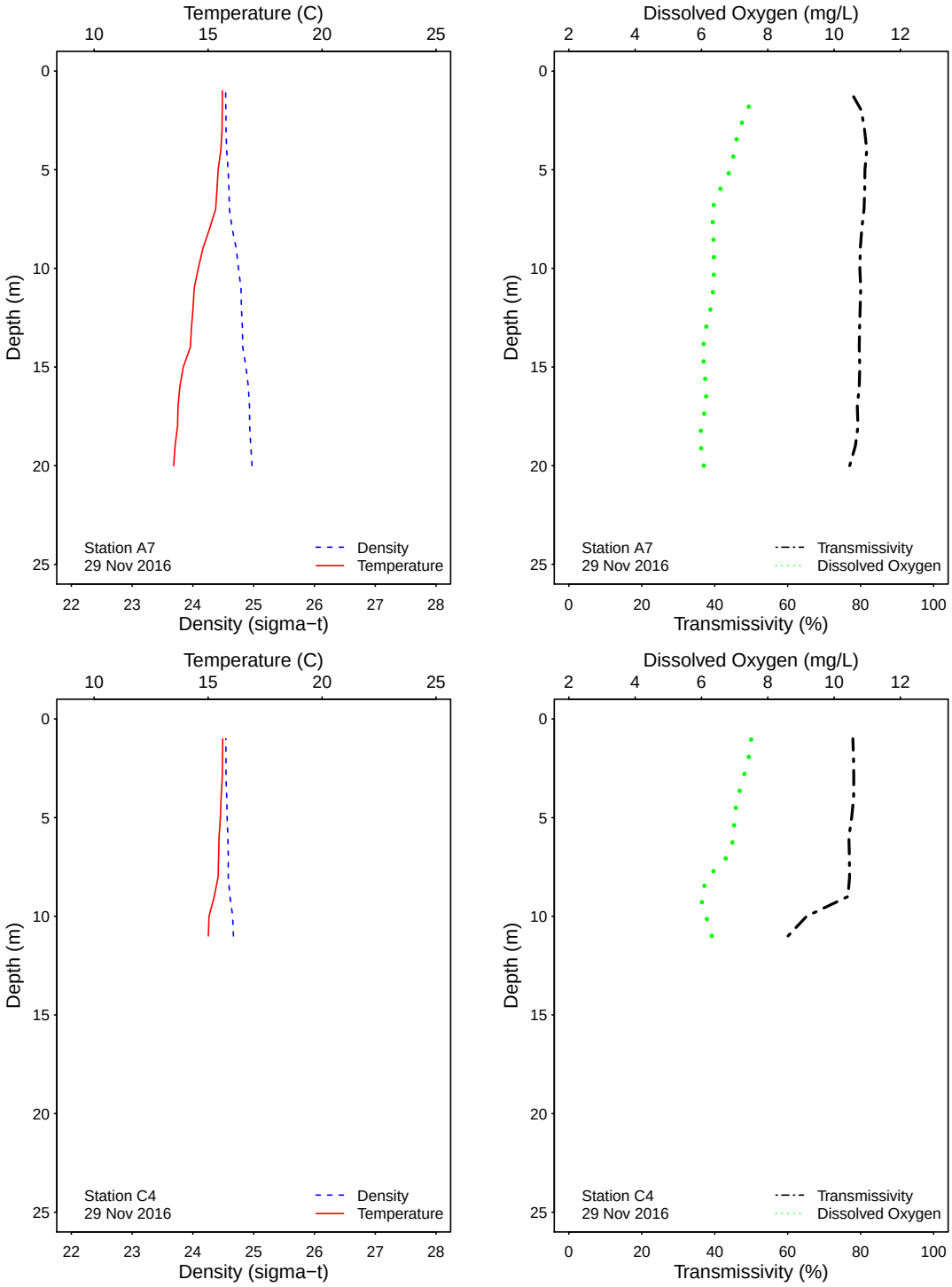


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

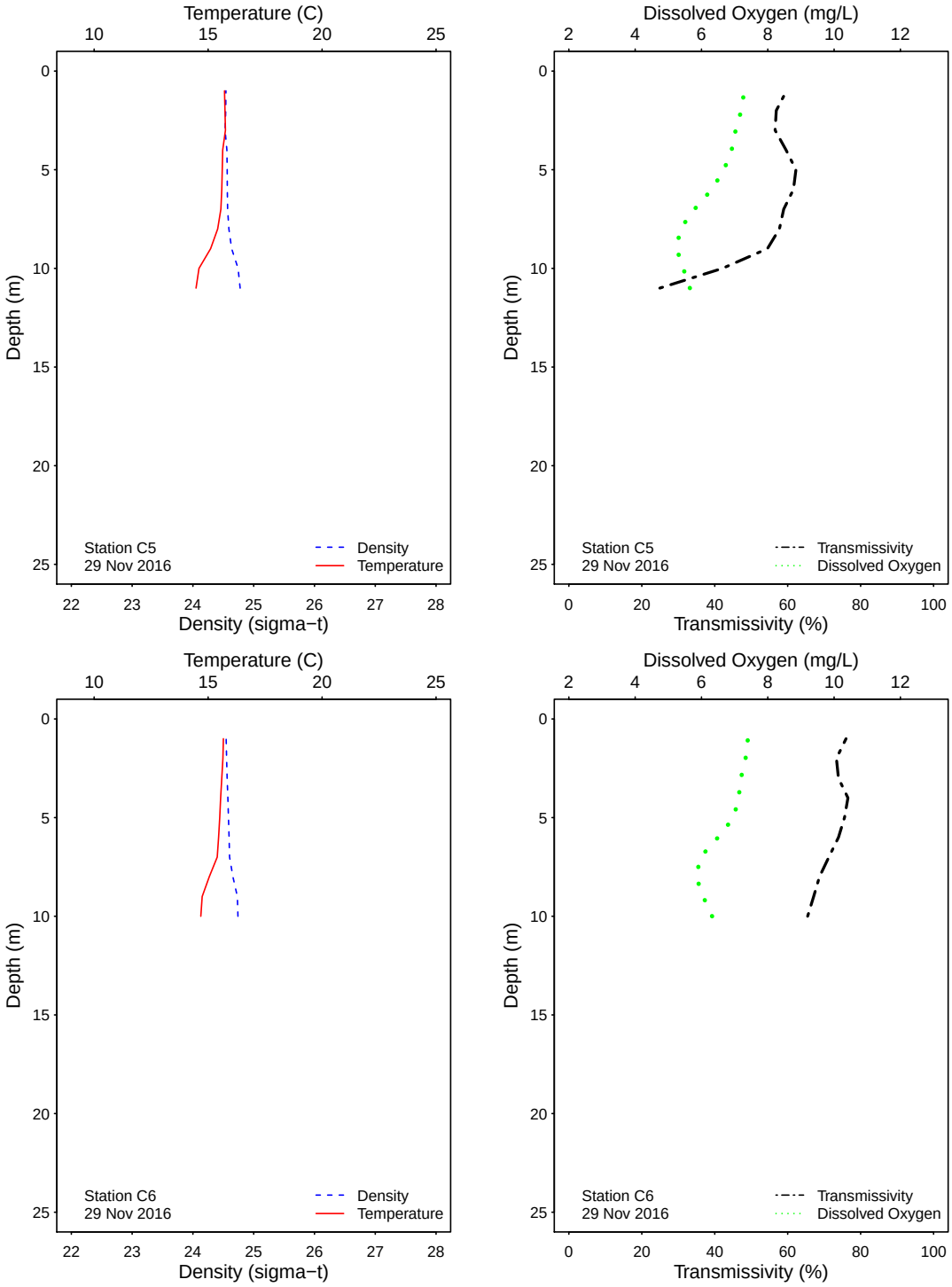


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

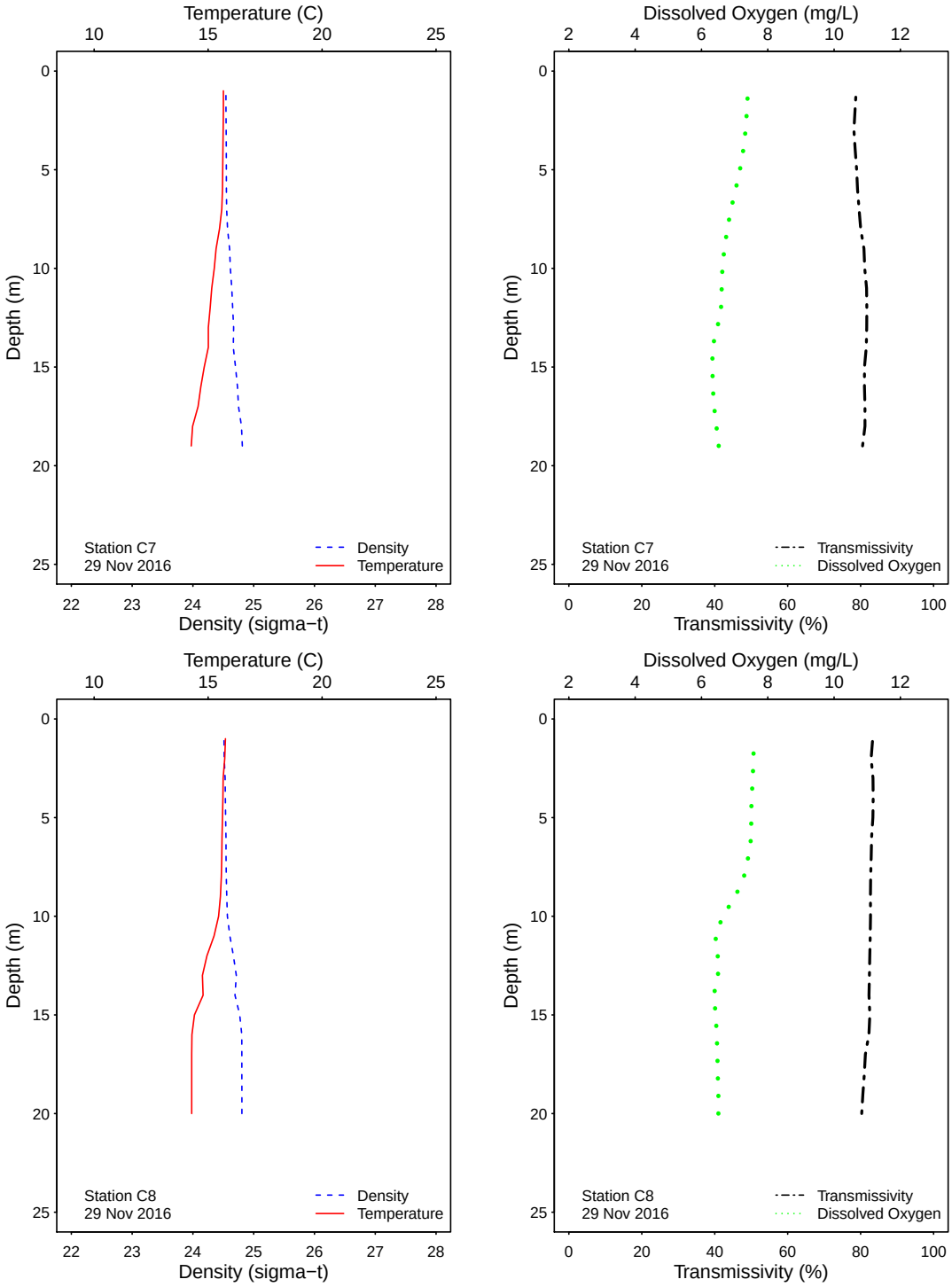


Figure 3.1: Graphics of CTD profile data from the PLOO kelp stations for each sample date.

Offshore Stations

Table 4.1

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

Date	F01	F02	F03	F06	F07	F08	F09	F10	F11	F12	F13	F14	F18	F19	F20
08 Nov 2016	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	IC	ns	ns	ns
09 Nov 2016	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	IC	IC	IC

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* (Entero) is reported as CFU/100 mL; ammonium (N-NH3) values are reported as mg/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	Entero	N-NH3	Temp	XMS	DO	Sal	pH
F01	08 Nov 2016	1223	1	<2	<0.01	17.0	84.95	8.7	33.31	8.2
F01	08 Nov 2016	1223	12	<2	<0.01	14.7	77.70	7.1	33.30	8.2
F01	08 Nov 2016	1223	18	<2	<0.01	13.7	69.71	6.2	33.29	8.1
F02	08 Nov 2016	825	1	<2	<0.01	16.3	78.84	8.6	33.32	8.2
F02	08 Nov 2016	825	12	<2	<0.01	15.0	78.88	7.8	33.30	8.2
F02	08 Nov 2016	825	18	<2	<0.01	14.1	78.73	7.0	33.30	8.1
F03	08 Nov 2016	857	1	<2	<0.01	16.6	80.87	8.5	33.34	8.2
F03	08 Nov 2016	857	12	<2	<0.01	15.4	78.10	8.1	33.30	8.2
F03	08 Nov 2016	857	18	<2	<0.01	14.2	76.97	6.9	33.30	8.1
F04	08 Nov 2016	1158	1	<2	ns	17.7	86.29	8.3	33.36	8.2
F04	08 Nov 2016	1158	25	<2	ns	13.3	86.45	7.0	33.29	8.2
F04	08 Nov 2016	1158	60	<2	ns	12.2	86.03	5.9	33.37	8.0
F05	08 Nov 2016	1144	1	<2	ns	17.6	86.82	8.3	33.35	8.2
F05	08 Nov 2016	1144	25	<2	ns	13.1	87.76	6.8	33.28	8.1
F05	08 Nov 2016	1144	60	2e	ns	12.2	83.33	5.9	33.37	8.0
F06	08 Nov 2016	1127	1	<2	<0.01	17.3	86.31	8.6	33.32	8.2
F06	08 Nov 2016	1127	25	<2	<0.01	13.1	87.79	6.9	33.28	8.1
F06	08 Nov 2016	1127	60	<2	<0.01	12.0	68.40	5.7	33.39	8.0
F07	08 Nov 2016	1111	1	<2	<0.01	17.3	86.75	8.6	33.32	8.2
F07	08 Nov 2016	1111	25	<2	<0.01	13.1	88.01	6.8	33.28	8.1
F07	08 Nov 2016	1111	60	2e	<0.01	12.0	79.39	5.7	33.39	8.0
F08	08 Nov 2016	1054	1	<2	<0.01	17.2	86.81	8.5	33.32	8.2
F08	08 Nov 2016	1054	25	<2	<0.01	12.8	88.89	6.6	33.31	8.1
F08	08 Nov 2016	1054	60	<2	<0.01	12.0	73.06	5.7	33.39	8.0
F09	08 Nov 2016	1040	1	<2	<0.01	17.0	86.53	8.6	33.32	8.2
F09	08 Nov 2016	1040	25	<2	<0.01	12.7	88.85	6.5	33.32	8.1
F09	08 Nov 2016	1040	60	8e	<0.01	12.1	75.76	5.7	33.38	8.0
F10	08 Nov 2016	1024	1	<2	<0.01	16.8	83.94	8.6	33.32	8.2
F10	08 Nov 2016	1024	25	<2	<0.01	12.8	88.50	6.5	33.32	8.1
F10	08 Nov 2016	1024	60	6e	<0.01	12.2	83.10	5.8	33.37	8.0
F11	08 Nov 2016	1007	1	<2	<0.01	16.7	84.80	8.6	33.32	8.2
F11	08 Nov 2016	1007	25	<2	<0.01	13.6	82.62	6.5	33.30	8.1
F11	08 Nov 2016	1007	60	10e	<0.01	12.0	66.26	5.7	33.37	8.0
F12	08 Nov 2016	948	1	<2	<0.01	16.8	81.68	8.6	33.33	8.2
F12	08 Nov 2016	948	25	<2	<0.01	13.3	86.62	6.6	33.29	8.1
F12	08 Nov 2016	948	60	10e	<0.01	11.7	77.56	5.5	33.40	8.0

Station	Date	Time	Depth	Entero	N-NH3	Temp	XMS	DO	Sal	pH
F13	08 Nov 2016	930	1	<2	<0.01	17.0	83.23	8.2	33.35	8.2
F13	08 Nov 2016	930	25	<2	<0.01	13.4	86.96	6.6	33.30	8.1
F13	08 Nov 2016	930	60	14e	<0.01	11.7	70.65	5.4	33.40	8.0
F14	08 Nov 2016	916	1	<2	<0.01	17.3	82.76	8.1	33.37	8.2
F14	08 Nov 2016	916	25	<2	<0.01	13.2	87.22	6.6	33.30	8.1
F14	08 Nov 2016	916	60	2e	<0.01	11.8	80.23	5.5	33.38	8.0
F15	09 Nov 2016	1201	1	2e	ns	18.0	84.02	9.5	33.34	8.3
F15	09 Nov 2016	1201	25	<2	ns	13.6	85.57	7.2	33.23	8.2
F15	09 Nov 2016	1201	60	<2	ns	12.6	88.08	6.2	33.35	8.0
F15	09 Nov 2016	1201	80	6e	ns	11.2	82.86	5.1	33.48	8.0
F16	09 Nov 2016	1138	1	<2	ns	17.9	81.66	9.4	33.34	8.3
F16	09 Nov 2016	1138	25	<2	ns	13.3	86.89	6.7	33.29	8.1
F16	09 Nov 2016	1138	60	<2	ns	12.6	88.45	6.2	33.35	8.0
F16	09 Nov 2016	1138	80	4e	ns	11.8	85.11	5.5	33.41	8.0
F17	09 Nov 2016	1123	1	<2	ns	18.2	83.75	8.8	33.23	8.3
F17	09 Nov 2016	1123	25	<2	ns	13.0	88.01	6.5	33.31	8.1
F17	09 Nov 2016	1123	60	<2	ns	12.5	88.42	6.2	33.35	8.0
F17	09 Nov 2016	1123	80	<2	ns	11.5	84.66	5.3	33.44	8.0
F18	09 Nov 2016	1106	1	<2	<0.01	18.1	73.66	9.2	33.31	8.3
F18	09 Nov 2016	1106	25	<2	<0.01	13.2	87.51	6.7	33.30	8.1
F18	09 Nov 2016	1106	60	<2	<0.01	12.1	88.22	5.9	33.39	8.0
F18	09 Nov 2016	1106	80	8e	<0.01	11.3	79.20	5.1	33.47	7.9
F19	09 Nov 2016	1048	1	<2	<0.01	17.8	82.92	8.5	33.35	8.2
F19	09 Nov 2016	1048	25	<2	<0.01	13.4	85.92	7.2	33.22	8.1
F19	09 Nov 2016	1048	60	2e	<0.01	11.7	88.90	5.6	33.42	8.0
F19	09 Nov 2016	1048	80	2e	<0.01	11.2	79.02	5.0	33.49	7.9
F20	09 Nov 2016	1030	1	<2	<0.01	18.1	86.19	8.3	33.37	8.2
F20	09 Nov 2016	1030	25	<2	<0.01	13.6	84.35	7.3	33.24	8.2
F20	09 Nov 2016	1030	60	4e	<0.01	11.6	89.01	5.6	33.42	8.0
F20	09 Nov 2016	1030	80	6e	<0.01	11.1	76.84	5.0	33.49	7.9
F21	09 Nov 2016	1013	1	<2	ns	18.0	85.97	8.3	33.37	8.2
F21	09 Nov 2016	1013	25	<2	ns	13.3	86.28	6.8	33.30	8.1
F21	09 Nov 2016	1013	60	2e	ns	11.5	89.00	5.6	33.42	8.0
F21	09 Nov 2016	1013	80	12e	ns	11.1	79.40	5.0	33.50	7.9
F22	09 Nov 2016	958	1	<2	ns	18.0	86.82	8.3	33.38	8.2
F22	09 Nov 2016	958	25	<2	ns	13.3	86.74	7.0	33.27	8.1
F22	09 Nov 2016	958	60	8e	ns	11.4	88.94	5.5	33.44	8.0
F22	09 Nov 2016	958	80	8e	ns	11.1	80.31	5.1	33.49	7.9
F23	09 Nov 2016	940	1	<2	ns	17.4	86.92	8.4	33.34	8.2
F23	09 Nov 2016	940	25	<2	ns	13.2	87.39	6.8	33.28	8.1
F23	09 Nov 2016	940	60	8e	ns	11.4	87.62	5.5	33.44	8.0
F23	09 Nov 2016	940	80	16e	ns	11.2	81.91	5.1	33.48	7.9
F24	09 Nov 2016	924	1	<2	ns	17.1	86.12	8.5	33.33	8.2

Station	Date	Time	Depth	Entero	N-NH3	Temp	XMS	DO	Sal	pH
F24	09 Nov 2016	924	25	<2	ns	13.6	84.60	7.2	33.27	8.1
F24	09 Nov 2016	924	60	14e	ns	11.7	81.15	5.5	33.40	8.0
F24	09 Nov 2016	924	80	24e	ns	11.2	84.38	5.2	33.47	7.9
F25	09 Nov 2016	838	1	<2	ns	17.1	86.81	8.5	33.34	8.2
F25	09 Nov 2016	838	25	<2	ns	13.2	87.20	7.0	33.27	8.1
F25	09 Nov 2016	838	60	4e	ns	11.9	83.68	5.7	33.39	8.0
F25	09 Nov 2016	838	80	16e	ns	11.2	78.87	5.0	33.45	7.9
F26	07 Nov 2016	1204	1	<2	ns	18.3	86.15	8.2	33.39	8.2
F26	07 Nov 2016	1204	25	<2	ns	13.3	87.55	6.9	33.28	8.1
F26	07 Nov 2016	1204	60	<2	ns	11.6	89.02	5.6	33.42	8.0
F26	07 Nov 2016	1204	80	2e	ns	10.8	84.19	4.7	33.57	7.9
F26	07 Nov 2016	1204	98	2e	ns	10.6	81.17	4.4	33.64	7.8
F27	07 Nov 2016	1149	1	<2	ns	17.7	85.68	8.4	33.36	8.1
F27	07 Nov 2016	1149	25	<2	ns	13.4	86.89	7.0	33.28	8.1
F27	07 Nov 2016	1149	60	6e	ns	11.5	88.93	5.5	33.43	8.0
F27	07 Nov 2016	1149	80	10e	ns	10.8	89.09	4.9	33.56	7.9
F27	07 Nov 2016	1149	98	<2	ns	10.5	84.59	4.3	33.68	7.8
F28	07 Nov 2016	1132	1	<2	ns	10.4	84.83	4.3	33.69	7.8
F28	07 Nov 2016	1132	25	<2	ns	13.6	87.20	7.2	33.27	8.1
F28	07 Nov 2016	1132	60	4e	ns	11.4	89.04	5.5	33.44	8.0
F28	07 Nov 2016	1132	80	2e	ns	10.8	87.65	4.7	33.58	7.9
F28	07 Nov 2016	1132	98	<2	ns	10.4	85.03	4.3	33.68	7.8
F29	07 Nov 2016	1116	1	<2	ns	18.2	85.45	8.2	33.39	8.1
F29	07 Nov 2016	1116	25	<2	ns	13.2	88.41	7.0	33.27	8.1
F29	07 Nov 2016	1116	60	4e	ns	11.6	89.15	5.7	33.41	8.0
F29	07 Nov 2016	1116	80	<2	ns	10.7	88.32	4.7	33.59	7.9
F29	07 Nov 2016	1116	98	2e	ns	10.4	84.61	4.2	33.70	7.9
F30	07 Nov 2016	1100	1	<2	ns	18.3	86.66	8.2	33.40	8.2
F30	07 Nov 2016	1100	25	<2	ns	13.3	88.34	7.1	33.27	8.1
F30	07 Nov 2016	1100	60	<2	ns	11.5	89.19	5.6	33.42	8.0
F30	07 Nov 2016	1100	80	68	ns	10.7	79.92	4.6	33.48	7.9
F30	07 Nov 2016	1100	98	2e	ns	10.5	86.63	4.3	33.67	7.9
F31	07 Nov 2016	1042	1	<2	ns	18.1	78.75	8.2	33.39	8.2
F31	07 Nov 2016	1042	25	<2	ns	13.5	87.55	7.2	33.27	8.1
F31	07 Nov 2016	1042	60	2e	ns	11.7	89.15	5.8	33.40	8.0
F31	07 Nov 2016	1042	80	110	ns	10.9	86.00	4.9	33.53	7.9
F31	07 Nov 2016	1042	98	20e	ns	10.4	80.83	4.3	33.69	7.9
F32	07 Nov 2016	1027	1	<2	ns	16.8	85.63	8.5	33.33	8.1
F32	07 Nov 2016	1027	25	<2	ns	13.6	87.19	7.3	33.26	8.1
F32	07 Nov 2016	1027	60	<2	ns	11.9	89.19	6.0	33.37	8.0
F32	07 Nov 2016	1027	80	110	ns	10.9	87.14	4.9	33.53	7.9
F32	07 Nov 2016	1027	98	6e	ns	10.4	87.20	4.4	33.67	7.9
F33	07 Nov 2016	1011	1	<2	ns	17.4	82.96	8.5	33.35	8.1
F33	07 Nov 2016	1011	25	<2	ns	13.9	83.07	7.3	33.27	8.1
F33	07 Nov 2016	1011	60	<2	ns	11.7	89.15	5.8	33.39	8.0
F33	07 Nov 2016	1011	80	340e	ns	10.8	85.99	4.8	33.53	7.9

Station	Date	Time	Depth	Entero	N-NH3	Temp	XMS	DO	Sal	pH
F33	07 Nov 2016	1011	98	38e	ns	10.4	87.34	4.4	33.67	7.9
F34	07 Nov 2016	955	1	<2	ns	18.3	85.48	8.1	33.39	8.1
F34	07 Nov 2016	955	25	<2	ns	14.1	84.09	7.2	33.29	8.1
F34	07 Nov 2016	955	60	2e	ns	11.7	89.03	5.7	33.40	8.0
F34	07 Nov 2016	955	80	200e	ns	10.8	82.35	4.8	33.52	7.9
F34	07 Nov 2016	955	98	70	ns	10.4	85.22	4.4	33.66	7.9
F35	07 Nov 2016	934	1	<2	ns	19.0	87.38	8.0	33.42	8.1
F35	07 Nov 2016	934	25	<2	ns	13.8	83.22	7.3	33.28	8.1
F35	07 Nov 2016	934	60	4e	ns	11.5	88.89	5.6	33.42	8.0
F35	07 Nov 2016	934	80	120e	ns	10.9	85.47	5.0	33.48	7.9
F35	07 Nov 2016	934	98	4e	ns	10.4	84.87	4.4	33.65	7.9
F36	07 Nov 2016	854	1	<2	ns	19.1	88.48	8.0	33.41	8.1
F36	07 Nov 2016	854	25	<2	ns	14.0	86.21	7.2	33.28	8.1
F36	07 Nov 2016	854	60	32e	ns	11.6	85.61	5.6	33.40	8.0
F36	07 Nov 2016	854	80	92	ns	11.1	85.59	5.0	33.46	7.9
F36	07 Nov 2016	854	98	68	ns	10.6	85.05	4.6	33.60	7.9

ns = not sampled
ND = no data

Table 4.3

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

Station	Date	Parameter	Value
F01	08 Nov 2016	Depth (m)	19
F01	08 Nov 2016	Arrive Time	1223
F01	08 Nov 2016	Depart Time	1231
F01	08 Nov 2016	Air Temp (C)	18
F01	08 Nov 2016	Weather	Overcast
F01	08 Nov 2016	Visibility (mi)	9
F01	08 Nov 2016	Wind Speed (kts)	8
F01	08 Nov 2016	Wind Dir	N
F01	08 Nov 2016	Water Color	Greenish-Blue
F01	08 Nov 2016	Wave Ht Low (ft)	5
F01	08 Nov 2016	Wave Period (sec)	13
F01	08 Nov 2016	Sea State	Wind ripples
F01	08 Nov 2016	High Tide (ft)	4.1
F01	08 Nov 2016	High Tide Time	1531
F01	08 Nov 2016	Low Tide (ft)	2.56
F01	08 Nov 2016	Low Tide Time	1006
F01	08 Nov 2016	Comments	Lobster floats
F02	08 Nov 2016	Depth (m)	19
F02	08 Nov 2016	Arrive Time	825
F02	08 Nov 2016	Depart Time	846
F02	08 Nov 2016	Air Temp (C)	18
F02	08 Nov 2016	Weather	Overcast
F02	08 Nov 2016	Visibility (mi)	8
F02	08 Nov 2016	Wind Speed (kts)	1
F02	08 Nov 2016	Wind Dir	S
F02	08 Nov 2016	Water Color	Bluish-Green
F02	08 Nov 2016	Wave Ht Low (ft)	5
F02	08 Nov 2016	Wave Period (sec)	13
F02	08 Nov 2016	Sea State	Wind ripples
F02	08 Nov 2016	High Tide (ft)	4.1
F02	08 Nov 2016	High Tide Time	1531
F02	08 Nov 2016	Low Tide (ft)	2.56
F02	08 Nov 2016	Low Tide Time	1006
F02	08 Nov 2016	Comments	Lobster floats; pH probe having issues entire day
F03	08 Nov 2016	Depth (m)	19
F03	08 Nov 2016	Arrive Time	857
F03	08 Nov 2016	Depart Time	907
F03	08 Nov 2016	Air Temp (C)	18
F03	08 Nov 2016	Weather	Overcast
F03	08 Nov 2016	Visibility (mi)	8
F03	08 Nov 2016	Wind Speed (kts)	0
F03	08 Nov 2016	Wind Dir	
F03	08 Nov 2016	Water Color	Bluish-Green
F03	08 Nov 2016	Wave Ht Low (ft)	5
F03	08 Nov 2016	Wave Period (sec)	13
F03	08 Nov 2016	Sea State	Wind ripples
F03	08 Nov 2016	High Tide (ft)	4.1
F03	08 Nov 2016	High Tide Time	1531
F03	08 Nov 2016	Low Tide (ft)	2.56

Station	Date	Parameter	Value
F03	08 Nov 2016	Low Tide Time	1006
F03	08 Nov 2016	Comments	Lobster floats; Seagrass
F04	08 Nov 2016	Depth (m)	59
F04	08 Nov 2016	Arrive Time	1158
F04	08 Nov 2016	Depart Time	1207
F04	08 Nov 2016	Air Temp (C)	19
F04	08 Nov 2016	Weather	Overcast
F04	08 Nov 2016	Visibility (mi)	12
F04	08 Nov 2016	Wind Speed (kts)	7
F04	08 Nov 2016	Wind Dir	SW
F04	08 Nov 2016	Water Color	Greenish-Blue
F04	08 Nov 2016	Wave Ht Low (ft)	5
F04	08 Nov 2016	Wave Period (sec)	13
F04	08 Nov 2016	Sea State	Wind ripples
F04	08 Nov 2016	High Tide (ft)	4.1
F04	08 Nov 2016	High Tide Time	1531
F04	08 Nov 2016	Low Tide (ft)	2.56
F04	08 Nov 2016	Low Tide Time	1006
F04	08 Nov 2016	Comments	
F05	08 Nov 2016	Depth (m)	60
F05	08 Nov 2016	Arrive Time	1144
F05	08 Nov 2016	Depart Time	1151
F05	08 Nov 2016	Air Temp (C)	19
F05	08 Nov 2016	Weather	Overcast
F05	08 Nov 2016	Visibility (mi)	12
F05	08 Nov 2016	Wind Speed (kts)	5
F05	08 Nov 2016	Wind Dir	N
F05	08 Nov 2016	Water Color	Greenish-Blue
F05	08 Nov 2016	Wave Ht Low (ft)	5
F05	08 Nov 2016	Wave Period (sec)	13
F05	08 Nov 2016	Sea State	Wind ripples
F05	08 Nov 2016	High Tide (ft)	4.1
F05	08 Nov 2016	High Tide Time	1531
F05	08 Nov 2016	Low Tide (ft)	2.56
F05	08 Nov 2016	Low Tide Time	1006
F05	08 Nov 2016	Comments	
F06	08 Nov 2016	Depth (m)	63
F06	08 Nov 2016	Arrive Time	1127
F06	08 Nov 2016	Depart Time	1136
F06	08 Nov 2016	Air Temp (C)	18
F06	08 Nov 2016	Weather	Overcast
F06	08 Nov 2016	Visibility (mi)	12
F06	08 Nov 2016	Wind Speed (kts)	8
F06	08 Nov 2016	Wind Dir	S
F06	08 Nov 2016	Water Color	Greenish-Blue
F06	08 Nov 2016	Wave Ht Low (ft)	5
F06	08 Nov 2016	Wave Period (sec)	13
F06	08 Nov 2016	Sea State	Wind ripples
F06	08 Nov 2016	High Tide (ft)	4.1
F06	08 Nov 2016	High Tide Time	1531
F06	08 Nov 2016	Low Tide (ft)	2.56
F06	08 Nov 2016	Low Tide Time	1006

Station	Date	Parameter	Value
F06	08 Nov 2016	Comments	Kelp debris
F07	08 Nov 2016	Depth (m)	62
F07	08 Nov 2016	Arrive Time	1111
F07	08 Nov 2016	Depart Time	1118
F07	08 Nov 2016	Air Temp (C)	18
F07	08 Nov 2016	Weather	Overcast
F07	08 Nov 2016	Visibility (mi)	11
F07	08 Nov 2016	Wind Speed (kts)	4
F07	08 Nov 2016	Wind Dir	N
F07	08 Nov 2016	Water Color	Greenish-Blue
F07	08 Nov 2016	Wave Ht Low (ft)	5
F07	08 Nov 2016	Wave Period (sec)	13
F07	08 Nov 2016	Sea State	Wind ripples
F07	08 Nov 2016	High Tide (ft)	4.1
F07	08 Nov 2016	High Tide Time	1531
F07	08 Nov 2016	Low Tide (ft)	2.56
F07	08 Nov 2016	Low Tide Time	1006
F07	08 Nov 2016	Comments	
F08	08 Nov 2016	Depth (m)	61
F08	08 Nov 2016	Arrive Time	1054
F08	08 Nov 2016	Depart Time	1102
F08	08 Nov 2016	Air Temp (C)	18
F08	08 Nov 2016	Weather	Overcast
F08	08 Nov 2016	Visibility (mi)	11
F08	08 Nov 2016	Wind Speed (kts)	3
F08	08 Nov 2016	Wind Dir	SE
F08	08 Nov 2016	Water Color	Bluish-Green
F08	08 Nov 2016	Wave Ht Low (ft)	5
F08	08 Nov 2016	Wave Period (sec)	13
F08	08 Nov 2016	Sea State	Wind ripples
F08	08 Nov 2016	High Tide (ft)	4.1
F08	08 Nov 2016	High Tide Time	1531
F08	08 Nov 2016	Low Tide (ft)	2.56
F08	08 Nov 2016	Low Tide Time	1006
F08	08 Nov 2016	Comments	
F09	08 Nov 2016	Depth (m)	60
F09	08 Nov 2016	Arrive Time	1040
F09	08 Nov 2016	Depart Time	1049
F09	08 Nov 2016	Air Temp (C)	18
F09	08 Nov 2016	Weather	Overcast
F09	08 Nov 2016	Visibility (mi)	11
F09	08 Nov 2016	Wind Speed (kts)	3
F09	08 Nov 2016	Wind Dir	NW
F09	08 Nov 2016	Water Color	Bluish-Green
F09	08 Nov 2016	Wave Ht Low (ft)	5
F09	08 Nov 2016	Wave Period (sec)	13
F09	08 Nov 2016	Sea State	Wind ripples
F09	08 Nov 2016	High Tide (ft)	4.1
F09	08 Nov 2016	High Tide Time	1531
F09	08 Nov 2016	Low Tide (ft)	2.56
F09	08 Nov 2016	Low Tide Time	1006
F09	08 Nov 2016	Comments	

Station	Date	Parameter	Value
F10	08 Nov 2016	Depth (m)	61
F10	08 Nov 2016	Arrive Time	1024
F10	08 Nov 2016	Depart Time	1031
F10	08 Nov 2016	Air Temp (C)	18
F10	08 Nov 2016	Weather	Overcast
F10	08 Nov 2016	Visibility (mi)	10
F10	08 Nov 2016	Wind Speed (kts)	2
F10	08 Nov 2016	Wind Dir	NE
F10	08 Nov 2016	Water Color	Bluish-Green
F10	08 Nov 2016	Wave Ht Low (ft)	5
F10	08 Nov 2016	Wave Period (sec)	13
F10	08 Nov 2016	Sea State	Wind ripples
F10	08 Nov 2016	High Tide (ft)	4.1
F10	08 Nov 2016	High Tide Time	1531
F10	08 Nov 2016	Low Tide (ft)	2.56
F10	08 Nov 2016	Low Tide Time	1006
F10	08 Nov 2016	Comments	
F11	08 Nov 2016	Depth (m)	60
F11	08 Nov 2016	Arrive Time	1007
F11	08 Nov 2016	Depart Time	1014
F11	08 Nov 2016	Air Temp (C)	18
F11	08 Nov 2016	Weather	Overcast
F11	08 Nov 2016	Visibility (mi)	10
F11	08 Nov 2016	Wind Speed (kts)	1
F11	08 Nov 2016	Wind Dir	W
F11	08 Nov 2016	Water Color	Bluish-Green
F11	08 Nov 2016	Wave Ht Low (ft)	5
F11	08 Nov 2016	Wave Period (sec)	13
F11	08 Nov 2016	Sea State	Wind ripples
F11	08 Nov 2016	High Tide (ft)	4.1
F11	08 Nov 2016	High Tide Time	1531
F11	08 Nov 2016	Low Tide (ft)	2.56
F11	08 Nov 2016	Low Tide Time	1006
F11	08 Nov 2016	Comments	Kelp debris
F12	08 Nov 2016	Depth (m)	60
F12	08 Nov 2016	Arrive Time	948
F12	08 Nov 2016	Depart Time	956
F12	08 Nov 2016	Air Temp (C)	18
F12	08 Nov 2016	Weather	Overcast
F12	08 Nov 2016	Visibility (mi)	10
F12	08 Nov 2016	Wind Speed (kts)	2
F12	08 Nov 2016	Wind Dir	W
F12	08 Nov 2016	Water Color	Bluish-Green
F12	08 Nov 2016	Wave Ht Low (ft)	5
F12	08 Nov 2016	Wave Period (sec)	13
F12	08 Nov 2016	Sea State	Wind ripples
F12	08 Nov 2016	High Tide (ft)	4.1
F12	08 Nov 2016	High Tide Time	1531
F12	08 Nov 2016	Low Tide (ft)	2.56
F12	08 Nov 2016	Low Tide Time	1006
F12	08 Nov 2016	Comments	Kelp debris

Station	Date	Parameter	Value
F13	08 Nov 2016	Depth (m)	60
F13	08 Nov 2016	Arrive Time	930
F13	08 Nov 2016	Depart Time	939
F13	08 Nov 2016	Air Temp (C)	19
F13	08 Nov 2016	Weather	Overcast
F13	08 Nov 2016	Visibility (mi)	8
F13	08 Nov 2016	Wind Speed (kts)	1
F13	08 Nov 2016	Wind Dir	E
F13	08 Nov 2016	Water Color	Bluish-Green
F13	08 Nov 2016	Wave Ht Low (ft)	5
F13	08 Nov 2016	Wave Period (sec)	13
F13	08 Nov 2016	Sea State	Wind ripples
F13	08 Nov 2016	High Tide (ft)	4.1
F13	08 Nov 2016	High Tide Time	1531
F13	08 Nov 2016	Low Tide (ft)	2.56
F13	08 Nov 2016	Low Tide Time	1006
F13	08 Nov 2016	Comments	
F14	08 Nov 2016	Depth (m)	60
F14	08 Nov 2016	Arrive Time	916
F14	08 Nov 2016	Depart Time	925
F14	08 Nov 2016	Air Temp (C)	18
F14	08 Nov 2016	Weather	Overcast
F14	08 Nov 2016	Visibility (mi)	8
F14	08 Nov 2016	Wind Speed (kts)	0
F14	08 Nov 2016	Wind Dir	
F14	08 Nov 2016	Water Color	Bluish-Green
F14	08 Nov 2016	Wave Ht Low (ft)	5
F14	08 Nov 2016	Wave Period (sec)	13
F14	08 Nov 2016	Sea State	Wind ripples
F14	08 Nov 2016	High Tide (ft)	4.1
F14	08 Nov 2016	High Tide Time	1531
F14	08 Nov 2016	Low Tide (ft)	2.56
F14	08 Nov 2016	Low Tide Time	1006
F14	08 Nov 2016	Comments	Kelp debris
F15	09 Nov 2016	Depth (m)	80
F15	09 Nov 2016	Arrive Time	1201
F15	09 Nov 2016	Depart Time	1205
F15	09 Nov 2016	Air Temp (C)	24
F15	09 Nov 2016	Weather	Clear
F15	09 Nov 2016	Visibility (mi)	12
F15	09 Nov 2016	Wind Speed (kts)	3
F15	09 Nov 2016	Wind Dir	S
F15	09 Nov 2016	Water Color	Blue
F15	09 Nov 2016	Wave Ht Low (ft)	6
F15	09 Nov 2016	Wave Period (sec)	11
F15	09 Nov 2016	Sea State	Confused swell
F15	09 Nov 2016	High Tide (ft)	4.58
F15	09 Nov 2016	High Tide Time	502
F15	09 Nov 2016	Low Tide (ft)	1.89
F15	09 Nov 2016	Low Tide Time	1107
F15	09 Nov 2016	Comments	
F16	09 Nov 2016	Depth (m)	80

Station	Date	Parameter	Value
F16	09 Nov 2016	Arrive Time	1138
F16	09 Nov 2016	Depart Time	1144
F16	09 Nov 2016	Air Temp (C)	24
F16	09 Nov 2016	Weather	Clear
F16	09 Nov 2016	Visibility (mi)	12
F16	09 Nov 2016	Wind Speed (kts)	6
F16	09 Nov 2016	Wind Dir	NW
F16	09 Nov 2016	Water Color	Blue
F16	09 Nov 2016	Wave Ht Low (ft)	6
F16	09 Nov 2016	Wave Period (sec)	11
F16	09 Nov 2016	Sea State	Confused swell
F16	09 Nov 2016	High Tide (ft)	4.58
F16	09 Nov 2016	High Tide Time	502
F16	09 Nov 2016	Low Tide (ft)	1.89
F16	09 Nov 2016	Low Tide Time	1107
F16	09 Nov 2016	Comments	
F17	09 Nov 2016	Depth (m)	80
F17	09 Nov 2016	Arrive Time	1123
F17	09 Nov 2016	Depart Time	1130
F17	09 Nov 2016	Air Temp (C)	26
F17	09 Nov 2016	Weather	Clear
F17	09 Nov 2016	Visibility (mi)	12
F17	09 Nov 2016	Wind Speed (kts)	7
F17	09 Nov 2016	Wind Dir	W
F17	09 Nov 2016	Water Color	Blue
F17	09 Nov 2016	Wave Ht Low (ft)	6
F17	09 Nov 2016	Wave Period (sec)	11
F17	09 Nov 2016	Sea State	Confused swell
F17	09 Nov 2016	High Tide (ft)	4.58
F17	09 Nov 2016	High Tide Time	502
F17	09 Nov 2016	Low Tide (ft)	1.89
F17	09 Nov 2016	Low Tide Time	1107
F17	09 Nov 2016	Comments	
F18	09 Nov 2016	Depth (m)	80
F18	09 Nov 2016	Arrive Time	1106
F18	09 Nov 2016	Depart Time	1111
F18	09 Nov 2016	Air Temp (C)	24
F18	09 Nov 2016	Weather	Clear
F18	09 Nov 2016	Visibility (mi)	12
F18	09 Nov 2016	Wind Speed (kts)	8
F18	09 Nov 2016	Wind Dir	S
F18	09 Nov 2016	Water Color	Blue
F18	09 Nov 2016	Wave Ht Low (ft)	5
F18	09 Nov 2016	Wave Period (sec)	13
F18	09 Nov 2016	Sea State	Light chop
F18	09 Nov 2016	High Tide (ft)	4.58
F18	09 Nov 2016	High Tide Time	502
F18	09 Nov 2016	Low Tide (ft)	1.89
F18	09 Nov 2016	Low Tide Time	1107
F18	09 Nov 2016	Comments	Seagrass
F19	09 Nov 2016	Depth (m)	82
F19	09 Nov 2016	Arrive Time	1048

Station	Date	Parameter	Value
F19	09 Nov 2016	Depart Time	1053
F19	09 Nov 2016	Air Temp (C)	25
F19	09 Nov 2016	Weather	Clear
F19	09 Nov 2016	Visibility (mi)	12
F19	09 Nov 2016	Wind Speed (kts)	7
F19	09 Nov 2016	Wind Dir	NE
F19	09 Nov 2016	Water Color	Blue
F19	09 Nov 2016	Wave Ht Low (ft)	5
F19	09 Nov 2016	Wave Period (sec)	13
F19	09 Nov 2016	Sea State	Light chop
F19	09 Nov 2016	High Tide (ft)	4.58
F19	09 Nov 2016	High Tide Time	502
F19	09 Nov 2016	Low Tide (ft)	1.89
F19	09 Nov 2016	Low Tide Time	1107
F19	09 Nov 2016	Comments	Seagrass
F20	09 Nov 2016	Depth (m)	80
F20	09 Nov 2016	Arrive Time	1030
F20	09 Nov 2016	Depart Time	1035
F20	09 Nov 2016	Air Temp (C)	24
F20	09 Nov 2016	Weather	Clear
F20	09 Nov 2016	Visibility (mi)	12
F20	09 Nov 2016	Wind Speed (kts)	4
F20	09 Nov 2016	Wind Dir	SW
F20	09 Nov 2016	Water Color	Blue
F20	09 Nov 2016	Wave Ht Low (ft)	5
F20	09 Nov 2016	Wave Period (sec)	13
F20	09 Nov 2016	Sea State	Light chop
F20	09 Nov 2016	High Tide (ft)	4.58
F20	09 Nov 2016	High Tide Time	502
F20	09 Nov 2016	Low Tide (ft)	1.89
F20	09 Nov 2016	Low Tide Time	1107
F20	09 Nov 2016	Comments	
F21	09 Nov 2016	Depth (m)	80
F21	09 Nov 2016	Arrive Time	1013
F21	09 Nov 2016	Depart Time	1019
F21	09 Nov 2016	Air Temp (C)	26
F21	09 Nov 2016	Weather	Clear
F21	09 Nov 2016	Visibility (mi)	12
F21	09 Nov 2016	Wind Speed (kts)	2
F21	09 Nov 2016	Wind Dir	NW
F21	09 Nov 2016	Water Color	Blue
F21	09 Nov 2016	Wave Ht Low (ft)	5
F21	09 Nov 2016	Wave Period (sec)	13
F21	09 Nov 2016	Sea State	Light chop
F21	09 Nov 2016	High Tide (ft)	4.58
F21	09 Nov 2016	High Tide Time	502
F21	09 Nov 2016	Low Tide (ft)	1.89
F21	09 Nov 2016	Low Tide Time	1107
F21	09 Nov 2016	Comments	
F22	09 Nov 2016	Depth (m)	80
F22	09 Nov 2016	Arrive Time	958
F22	09 Nov 2016	Depart Time	1003

Station	Date	Parameter	Value
F22	09 Nov 2016	Air Temp (C)	26
F22	09 Nov 2016	Weather	Clear
F22	09 Nov 2016	Visibility (mi)	12
F22	09 Nov 2016	Wind Speed (kts)	6
F22	09 Nov 2016	Wind Dir	SE
F22	09 Nov 2016	Water Color	Blue
F22	09 Nov 2016	Wave Ht Low (ft)	5
F22	09 Nov 2016	Wave Period (sec)	13
F22	09 Nov 2016	Sea State	Light chop
F22	09 Nov 2016	High Tide (ft)	4.58
F22	09 Nov 2016	High Tide Time	502
F22	09 Nov 2016	Low Tide (ft)	1.89
F22	09 Nov 2016	Low Tide Time	1107
F22	09 Nov 2016	Comments	
F24	09 Nov 2016	Depth (m)	80
F24	09 Nov 2016	Arrive Time	924
F24	09 Nov 2016	Depart Time	932
F24	09 Nov 2016	Air Temp (C)	21
F24	09 Nov 2016	Weather	Clear
F24	09 Nov 2016	Visibility (mi)	12
F24	09 Nov 2016	Wind Speed (kts)	3
F24	09 Nov 2016	Wind Dir	NW
F24	09 Nov 2016	Water Color	Blue
F24	09 Nov 2016	Wave Ht Low (ft)	5
F24	09 Nov 2016	Wave Period (sec)	13
F24	09 Nov 2016	Sea State	Light chop
F24	09 Nov 2016	High Tide (ft)	4.58
F24	09 Nov 2016	High Tide Time	502
F24	09 Nov 2016	Low Tide (ft)	1.89
F24	09 Nov 2016	Low Tide Time	1107
F24	09 Nov 2016	Comments	
F25	09 Nov 2016	Depth (m)	80
F25	09 Nov 2016	Arrive Time	838
F25	09 Nov 2016	Depart Time	916
F25	09 Nov 2016	Air Temp (C)	21
F25	09 Nov 2016	Weather	Clear
F25	09 Nov 2016	Visibility (mi)	12
F25	09 Nov 2016	Wind Speed (kts)	7
F25	09 Nov 2016	Wind Dir	SW
F25	09 Nov 2016	Water Color	Blue
F25	09 Nov 2016	Wave Ht Low (ft)	5
F25	09 Nov 2016	Wave Period (sec)	13
F25	09 Nov 2016	Sea State	Light chop
F25	09 Nov 2016	High Tide (ft)	4.58
F25	09 Nov 2016	High Tide Time	502
F25	09 Nov 2016	Low Tide (ft)	1.89
F25	09 Nov 2016	Low Tide Time	1107
F25	09 Nov 2016	Comments	
F26	07 Nov 2016	Depth (m)	98
F26	07 Nov 2016	Arrive Time	1204
F26	07 Nov 2016	Depart Time	1210
F26	07 Nov 2016	Air Temp (C)	17

Station	Date	Parameter	Value
F26	07 Nov 2016	Weather	Partly Cloudy
F26	07 Nov 2016	Visibility (mi)	11
F26	07 Nov 2016	Wind Speed (kts)	4
F26	07 Nov 2016	Wind Dir	SE
F26	07 Nov 2016	Water Color	Bluish-Green
F26	07 Nov 2016	Wave Ht Low (ft)	2
F26	07 Nov 2016	Wave Period (sec)	13
F26	07 Nov 2016	Sea State	Calm
F26	07 Nov 2016	High Tide (ft)	4.06
F26	07 Nov 2016	High Tide Time	1359
F26	07 Nov 2016	Low Tide (ft)	3.03
F26	07 Nov 2016	Low Tide Time	837
F26	07 Nov 2016	Comments	
F27	07 Nov 2016	Depth (m)	98
F27	07 Nov 2016	Arrive Time	1149
F27	07 Nov 2016	Depart Time	1155
F27	07 Nov 2016	Air Temp (C)	17
F27	07 Nov 2016	Weather	Partly Cloudy
F27	07 Nov 2016	Visibility (mi)	11
F27	07 Nov 2016	Wind Speed (kts)	5
F27	07 Nov 2016	Wind Dir	SW
F27	07 Nov 2016	Water Color	Bluish-Green
F27	07 Nov 2016	Wave Ht Low (ft)	2
F27	07 Nov 2016	Wave Period (sec)	13
F27	07 Nov 2016	Sea State	Calm
F27	07 Nov 2016	High Tide (ft)	4.06
F27	07 Nov 2016	High Tide Time	1359
F27	07 Nov 2016	Low Tide (ft)	3.03
F27	07 Nov 2016	Low Tide Time	837
F27	07 Nov 2016	Comments	
F28	07 Nov 2016	Depth (m)	98
F28	07 Nov 2016	Arrive Time	1132
F28	07 Nov 2016	Depart Time	1137
F28	07 Nov 2016	Air Temp (C)	17
F28	07 Nov 2016	Weather	Partly Cloudy
F28	07 Nov 2016	Visibility (mi)	11
F28	07 Nov 2016	Wind Speed (kts)	5
F28	07 Nov 2016	Wind Dir	W
F28	07 Nov 2016	Water Color	Bluish-Green
F28	07 Nov 2016	Wave Ht Low (ft)	2
F28	07 Nov 2016	Wave Period (sec)	13
F28	07 Nov 2016	Sea State	Calm
F28	07 Nov 2016	High Tide (ft)	4.06
F28	07 Nov 2016	High Tide Time	1359
F28	07 Nov 2016	Low Tide (ft)	3.03
F28	07 Nov 2016	Low Tide Time	837
F28	07 Nov 2016	Comments	
F29	07 Nov 2016	Depth (m)	98
F29	07 Nov 2016	Arrive Time	1116
F29	07 Nov 2016	Depart Time	1121
F29	07 Nov 2016	Air Temp (C)	17
F29	07 Nov 2016	Weather	Partly Cloudy

Station	Date	Parameter	Value
F29	07 Nov 2016	Visibility (mi)	9
F29	07 Nov 2016	Wind Speed (kts)	5
F29	07 Nov 2016	Wind Dir	NE
F29	07 Nov 2016	Water Color	Bluish-Green
F29	07 Nov 2016	Wave Ht Low (ft)	2
F29	07 Nov 2016	Wave Period (sec)	13
F29	07 Nov 2016	Sea State	Calm
F29	07 Nov 2016	High Tide (ft)	4.06
F29	07 Nov 2016	High Tide Time	1359
F29	07 Nov 2016	Low Tide (ft)	3.03
F29	07 Nov 2016	Low Tide Time	837
F29	07 Nov 2016	Comments	
F30	07 Nov 2016	Depth (m)	98
F30	07 Nov 2016	Arrive Time	1100
F30	07 Nov 2016	Depart Time	1105
F30	07 Nov 2016	Air Temp (C)	17
F30	07 Nov 2016	Weather	Partly Cloudy
F30	07 Nov 2016	Visibility (mi)	9
F30	07 Nov 2016	Wind Speed (kts)	6
F30	07 Nov 2016	Wind Dir	E
F30	07 Nov 2016	Water Color	Bluish-Green
F30	07 Nov 2016	Wave Ht Low (ft)	2
F30	07 Nov 2016	Wave Period (sec)	13
F30	07 Nov 2016	Sea State	Calm
F30	07 Nov 2016	High Tide (ft)	4.06
F30	07 Nov 2016	High Tide Time	1359
F30	07 Nov 2016	Low Tide (ft)	3.03
F30	07 Nov 2016	Low Tide Time	837
F30	07 Nov 2016	Comments	
F31	07 Nov 2016	Depth (m)	98
F31	07 Nov 2016	Arrive Time	1042
F31	07 Nov 2016	Depart Time	1048
F31	07 Nov 2016	Air Temp (C)	17
F31	07 Nov 2016	Weather	Partly Cloudy
F31	07 Nov 2016	Visibility (mi)	9
F31	07 Nov 2016	Wind Speed (kts)	5
F31	07 Nov 2016	Wind Dir	W
F31	07 Nov 2016	Water Color	Bluish-Green
F31	07 Nov 2016	Wave Ht Low (ft)	2
F31	07 Nov 2016	Wave Period (sec)	13
F31	07 Nov 2016	Sea State	Calm
F31	07 Nov 2016	High Tide (ft)	4.06
F31	07 Nov 2016	High Tide Time	1359
F31	07 Nov 2016	Low Tide (ft)	3.03
F31	07 Nov 2016	Low Tide Time	837
F31	07 Nov 2016	Comments	
F32	07 Nov 2016	Depth (m)	98
F32	07 Nov 2016	Arrive Time	1027
F32	07 Nov 2016	Depart Time	1032
F32	07 Nov 2016	Air Temp (C)	17
F32	07 Nov 2016	Weather	Partly Cloudy
F32	07 Nov 2016	Visibility (mi)	5

Station	Date	Parameter	Value
F32	07 Nov 2016	Wind Speed (kts)	6
F32	07 Nov 2016	Wind Dir	SE
F32	07 Nov 2016	Water Color	Bluish-Green
F32	07 Nov 2016	Wave Ht Low (ft)	2
F32	07 Nov 2016	Wave Period (sec)	13
F32	07 Nov 2016	Sea State	Calm
F32	07 Nov 2016	High Tide (ft)	4.06
F32	07 Nov 2016	High Tide Time	1359
F32	07 Nov 2016	Low Tide (ft)	3.03
F32	07 Nov 2016	Low Tide Time	837
F32	07 Nov 2016	Comments	
F33	07 Nov 2016	Depth (m)	98
F33	07 Nov 2016	Arrive Time	1011
F33	07 Nov 2016	Depart Time	1016
F33	07 Nov 2016	Air Temp (C)	17
F33	07 Nov 2016	Weather	Partly Cloudy
F33	07 Nov 2016	Visibility (mi)	5
F33	07 Nov 2016	Wind Speed (kts)	6
F33	07 Nov 2016	Wind Dir	NE
F33	07 Nov 2016	Water Color	Bluish-Green
F33	07 Nov 2016	Wave Ht Low (ft)	2
F33	07 Nov 2016	Wave Period (sec)	13
F33	07 Nov 2016	Sea State	Calm
F33	07 Nov 2016	High Tide (ft)	4.06
F33	07 Nov 2016	High Tide Time	1359
F33	07 Nov 2016	Low Tide (ft)	3.03
F33	07 Nov 2016	Low Tide Time	837
F33	07 Nov 2016	Comments	
F34	07 Nov 2016	Depth (m)	98
F34	07 Nov 2016	Arrive Time	955
F34	07 Nov 2016	Depart Time	959
F34	07 Nov 2016	Air Temp (C)	17
F34	07 Nov 2016	Weather	Partly Cloudy
F34	07 Nov 2016	Visibility (mi)	3
F34	07 Nov 2016	Wind Speed (kts)	7
F34	07 Nov 2016	Wind Dir	NW
F34	07 Nov 2016	Water Color	Bluish-Green
F34	07 Nov 2016	Wave Ht Low (ft)	2
F34	07 Nov 2016	Wave Period (sec)	13
F34	07 Nov 2016	Sea State	Calm
F34	07 Nov 2016	High Tide (ft)	4.06
F34	07 Nov 2016	High Tide Time	1359
F34	07 Nov 2016	Low Tide (ft)	3.03
F34	07 Nov 2016	Low Tide Time	837
F34	07 Nov 2016	Comments	
F35	07 Nov 2016	Depth (m)	98
F35	07 Nov 2016	Arrive Time	934
F35	07 Nov 2016	Depart Time	945
F35	07 Nov 2016	Air Temp (C)	16
F35	07 Nov 2016	Weather	Haze
F35	07 Nov 2016	Visibility (mi)	$<$ 1
F35	07 Nov 2016	Wind Speed (kts)	5

Station	Date	Parameter	Value
F35	07 Nov 2016	Wind Dir	NW
F35	07 Nov 2016	Water Color	Bluish-Green
F35	07 Nov 2016	Wave Ht Low (ft)	2
F35	07 Nov 2016	Wave Period (sec)	13
F35	07 Nov 2016	Sea State	Calm
F35	07 Nov 2016	High Tide (ft)	4.06
F35	07 Nov 2016	High Tide Time	1359
F35	07 Nov 2016	Low Tide (ft)	3.03
F35	07 Nov 2016	Low Tide Time	837
F35	07 Nov 2016	Comments	
F36	07 Nov 2016	Depth (m)	100
F36	07 Nov 2016	Arrive Time	854
F36	07 Nov 2016	Depart Time	920
F36	07 Nov 2016	Air Temp (C)	16
F36	07 Nov 2016	Weather	Fog
F36	07 Nov 2016	Visibility (mi)	$<$ 1
F36	07 Nov 2016	Wind Speed (kts)	0
F36	07 Nov 2016	Wind Dir	
F36	07 Nov 2016	Water Color	Bluish-Green
F36	07 Nov 2016	Wave Ht Low (ft)	2
F36	07 Nov 2016	Wave Period (sec)	13
F36	07 Nov 2016	Sea State	Calm
F36	07 Nov 2016	High Tide (ft)	4.06
F36	07 Nov 2016	High Tide Time	1359
F36	07 Nov 2016	Low Tide (ft)	3.03
F36	07 Nov 2016	Low Tide Time	837
F36	07 Nov 2016	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	08 Nov 2016	1	17.02	84.95	8.7	33.31	8.2	24.2	0.43
F01	08 Nov 2016	2	17.02	85.99	8.7	33.31	8.2	24.2	0.43
F01	08 Nov 2016	3	16.93	86.17	8.7	33.31	8.2	24.2	0.45
F01	08 Nov 2016	4	16.84	85.98	8.7	33.31	8.2	24.3	0.49
F01	08 Nov 2016	5	16.60	85.78	8.8	33.31	8.2	24.3	0.58
F01	08 Nov 2016	6	16.55	85.57	8.6	33.31	8.2	24.3	0.66
F01	08 Nov 2016	7	15.80	84.58	8.5	33.30	8.2	24.5	0.98
F01	08 Nov 2016	8	15.30	81.32	8.4	33.28	8.2	24.6	1.55
F01	08 Nov 2016	9	15.17	79.01	8.0	33.29	8.2	24.6	1.88
F01	08 Nov 2016	10	15.05	78.37	7.8	33.29	8.2	24.6	2.15
F01	08 Nov 2016	11	15.02	77.82	7.5	33.29	8.2	24.6	2.22
F01	08 Nov 2016	12	14.71	77.70	7.1	33.30	8.2	24.7	2.20
F01	08 Nov 2016	13	14.29	77.96	7.0	33.29	8.2	24.8	2.06
F01	08 Nov 2016	14	14.26	73.83	6.8	33.29	8.2	24.8	2.04
F01	08 Nov 2016	15	14.02	60.44	6.5	33.29	8.2	24.9	2.00
F01	08 Nov 2016	16	14.00	60.92	6.4	33.29	8.1	24.9	1.99
F01	08 Nov 2016	17	13.80	67.84	6.3	33.29	8.1	24.9	1.82
F01	08 Nov 2016	18	13.72	69.71	6.2	33.29	8.1	24.9	1.66
F01	08 Nov 2016	19	13.71	70.21	6.1	33.29	8.1	24.9	1.49
F02	08 Nov 2016	1	16.34	78.84	8.6	33.32	8.2	24.4	1.19
F02	08 Nov 2016	2	16.31	78.77	8.6	33.32	8.2	24.4	1.38
F02	08 Nov 2016	3	16.29	78.46	8.6	33.32	8.2	24.4	1.82
F02	08 Nov 2016	4	16.27	77.92	8.6	33.32	8.2	24.4	2.50
F02	08 Nov 2016	5	16.23	77.57	8.6	33.32	8.2	24.4	3.14
F02	08 Nov 2016	6	16.19	76.51	8.6	33.31	8.2	24.4	3.31
F02	08 Nov 2016	7	16.12	76.87	8.5	33.32	8.2	24.4	3.41
F02	08 Nov 2016	8	15.91	77.38	8.4	33.31	8.2	24.5	3.42
F02	08 Nov 2016	9	15.63	77.94	8.2	33.31	8.2	24.5	3.56
F02	08 Nov 2016	10	15.53	78.40	8.1	33.30	8.2	24.5	3.60
F02	08 Nov 2016	11	15.21	78.46	7.9	33.30	8.2	24.6	3.53
F02	08 Nov 2016	12	15.03	78.88	7.8	33.30	8.2	24.6	3.13
F02	08 Nov 2016	13	14.93	79.47	7.6	33.30	8.1	24.7	2.79
F02	08 Nov 2016	14	14.56	79.06	7.4	33.30	8.1	24.8	2.25
F02	08 Nov 2016	15	14.53	78.78	7.4	33.29	8.1	24.8	2.05
F02	08 Nov 2016	16	14.41	78.69	7.3	33.29	8.1	24.8	1.97
F02	08 Nov 2016	17	14.28	79.15	7.2	33.29	8.1	24.8	1.88
F02	08 Nov 2016	18	14.07	78.73	7.0	33.30	8.1	24.9	1.66
F02	08 Nov 2016	19	13.79	77.33	6.8	33.30	8.1	24.9	1.46
F02	08 Nov 2016	20	13.57	74.03	6.6	33.30	8.1	25.0	1.38
F03	08 Nov 2016	1	16.59	80.87	8.5	33.34	8.2	24.3	1.41
F03	08 Nov 2016	2	16.60	80.39	8.4	33.34	8.2	24.3	1.37
F03	08 Nov 2016	3	16.53	80.16	8.4	33.33	8.2	24.3	1.75
F03	08 Nov 2016	4	16.44	79.47	8.4	33.33	8.2	24.4	2.31
F03	08 Nov 2016	5	16.37	78.77	8.3	33.33	8.2	24.4	2.82
F03	08 Nov 2016	6	16.26	78.23	8.3	33.33	8.2	24.4	3.14
F03	08 Nov 2016	7	16.08	78.42	8.2	33.32	8.2	24.4	3.43
F03	08 Nov 2016	8	15.91	76.20	8.1	33.32	8.2	24.5	3.44
F03	08 Nov 2016	9	15.80	75.24	8.0	33.31	8.2	24.5	3.19
F03	08 Nov 2016	10	15.60	75.94	8.1	33.31	8.2	24.5	3.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F03	08 Nov 2016	11	15.47	78.15	8.1	33.30	8.2	24.6	3.27
F03	08 Nov 2016	12	15.44	78.10	8.1	33.30	8.2	24.6	3.29
F03	08 Nov 2016	13	15.43	78.04	8.1	33.30	8.2	24.6	3.36
F03	08 Nov 2016	14	15.41	77.76	8.0	33.30	8.2	24.6	3.35
F03	08 Nov 2016	15	15.33	77.57	7.9	33.31	8.1	24.6	3.31
F03	08 Nov 2016	16	15.28	77.51	7.8	33.30	8.1	24.6	3.32
F03	08 Nov 2016	17	14.91	77.30	7.5	33.31	8.1	24.7	3.13
F03	08 Nov 2016	18	14.18	76.97	6.9	33.30	8.1	24.8	2.56
F03	08 Nov 2016	19	13.78	73.35	6.7	33.29	8.1	24.9	1.83
F04	08 Nov 2016	1	17.68	86.29	8.3	33.36	8.2	24.1	0.43
F04	08 Nov 2016	2	17.70	86.47	8.3	33.36	8.2	24.1	0.43
F04	08 Nov 2016	3	17.61	86.39	8.3	33.36	8.2	24.1	0.43
F04	08 Nov 2016	4	17.48	86.31	8.3	33.36	8.2	24.1	0.44
F04	08 Nov 2016	5	17.42	86.31	8.3	33.36	8.2	24.2	0.47
F04	08 Nov 2016	6	17.28	86.10	8.3	33.35	8.2	24.2	0.53
F04	08 Nov 2016	7	16.52	85.69	8.6	33.34	8.2	24.4	0.68
F04	08 Nov 2016	8	16.11	84.87	8.8	33.31	8.2	24.4	0.94
F04	08 Nov 2016	9	15.94	84.44	8.8	33.30	8.2	24.5	1.17
F04	08 Nov 2016	10	15.65	83.51	8.7	33.30	8.2	24.5	1.38
F04	08 Nov 2016	11	15.17	83.19	8.7	33.28	8.2	24.6	1.54
F04	08 Nov 2016	12	15.03	83.03	8.6	33.28	8.2	24.6	1.85
F04	08 Nov 2016	13	14.97	82.83	8.6	33.28	8.2	24.7	2.19
F04	08 Nov 2016	14	14.67	82.40	8.4	33.28	8.2	24.7	2.51
F04	08 Nov 2016	15	14.42	81.88	8.3	33.27	8.2	24.8	2.84
F04	08 Nov 2016	16	14.35	81.24	8.2	33.27	8.2	24.8	3.21
F04	08 Nov 2016	17	14.25	79.93	8.1	33.27	8.2	24.8	4.44
F04	08 Nov 2016	18	14.17	79.29	8.0	33.28	8.2	24.8	5.56
F04	08 Nov 2016	19	14.08	79.24	7.8	33.28	8.2	24.8	5.85
F04	08 Nov 2016	20	13.83	79.78	7.5	33.28	8.2	24.9	6.44
F04	08 Nov 2016	21	13.74	81.77	7.3	33.28	8.2	24.9	5.62
F04	08 Nov 2016	22	13.69	83.57	7.2	33.29	8.2	24.9	4.49
F04	08 Nov 2016	23	13.58	85.14	7.1	33.29	8.2	25.0	3.42
F04	08 Nov 2016	24	13.45	86.15	7.1	33.28	8.2	25.0	2.66
F04	08 Nov 2016	25	13.33	86.45	7.0	33.29	8.2	25.0	2.34
F04	08 Nov 2016	26	13.20	86.96	6.9	33.29	8.1	25.0	2.12
F04	08 Nov 2016	27	13.11	87.27	6.7	33.30	8.1	25.1	1.88
F04	08 Nov 2016	28	13.07	87.55	6.7	33.30	8.1	25.1	1.67
F04	08 Nov 2016	29	13.04	87.69	6.6	33.31	8.1	25.1	1.54
F04	08 Nov 2016	30	13.02	87.81	6.5	33.31	8.1	25.1	1.41
F04	08 Nov 2016	31	13.02	87.98	6.5	33.32	8.1	25.1	1.30
F04	08 Nov 2016	32	12.99	88.13	6.5	33.32	8.1	25.1	1.20
F04	08 Nov 2016	33	12.89	88.23	6.4	33.33	8.1	25.1	1.07
F04	08 Nov 2016	34	12.84	88.25	6.3	33.33	8.1	25.1	1.05
F04	08 Nov 2016	35	12.81	88.23	6.3	33.33	8.1	25.1	1.03
F04	08 Nov 2016	36	12.80	88.19	6.3	33.33	8.1	25.1	0.99
F04	08 Nov 2016	37	12.79	88.27	6.3	33.34	8.1	25.1	0.90
F04	08 Nov 2016	38	12.76	88.23	6.3	33.34	8.1	25.2	0.85
F04	08 Nov 2016	39	12.75	88.11	6.3	33.34	8.1	25.2	0.82
F04	08 Nov 2016	40	12.73	88.09	6.2	33.34	8.1	25.2	0.79
F04	08 Nov 2016	41	12.68	88.05	6.2	33.35	8.1	25.2	0.77
F04	08 Nov 2016	42	12.62	88.11	6.2	33.35	8.1	25.2	0.74
F04	08 Nov 2016	43	12.57	88.23	6.2	33.35	8.1	25.2	0.74
F04	08 Nov 2016	44	12.56	88.28	6.2	33.35	8.1	25.2	0.73
F04	08 Nov 2016	45	12.54	88.30	6.1	33.35	8.0	25.2	0.71

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F04	08 Nov 2016	46	12.54	88.35	6.2	33.35	8.0	25.2	0.73
F04	08 Nov 2016	47	12.54	88.33	6.2	33.35	8.0	25.2	0.72
F04	08 Nov 2016	48	12.53	88.40	6.2	33.35	8.0	25.2	0.71
F04	08 Nov 2016	49	12.53	88.43	6.2	33.35	8.0	25.2	0.73
F04	08 Nov 2016	50	12.53	88.38	6.1	33.35	8.0	25.2	0.72
F04	08 Nov 2016	51	12.53	88.42	6.1	33.35	8.0	25.2	0.72
F04	08 Nov 2016	52	12.52	88.41	6.1	33.35	8.0	25.2	0.73
F04	08 Nov 2016	53	12.50	88.33	6.1	33.35	8.0	25.2	0.70
F04	08 Nov 2016	54	12.49	88.32	6.1	33.35	8.0	25.2	0.71
F04	08 Nov 2016	55	12.47	88.23	6.1	33.35	8.0	25.2	0.70
F04	08 Nov 2016	56	12.44	88.09	6.1	33.35	8.0	25.2	0.68
F04	08 Nov 2016	57	12.42	87.76	6.1	33.35	8.0	25.2	0.66
F04	08 Nov 2016	58	12.39	87.66	6.0	33.35	8.0	25.2	0.65
F04	08 Nov 2016	59	12.26	87.16	5.9	33.37	8.0	25.3	0.62
F04	08 Nov 2016	60	12.16	86.03	5.9	33.37	8.0	25.3	0.57
F05	08 Nov 2016	1	17.59	86.82	8.3	33.35	8.2	24.1	0.37
F05	08 Nov 2016	2	17.46	86.81	8.3	33.35	8.2	24.1	0.37
F05	08 Nov 2016	3	17.28	86.71	8.4	33.35	8.2	24.2	0.40
F05	08 Nov 2016	4	17.17	86.56	8.4	33.34	8.2	24.2	0.45
F05	08 Nov 2016	5	17.04	86.26	8.5	33.34	8.2	24.2	0.51
F05	08 Nov 2016	6	16.89	85.94	8.6	33.33	8.2	24.3	0.60
F05	08 Nov 2016	7	16.86	85.77	8.6	33.33	8.2	24.3	0.66
F05	08 Nov 2016	8	16.82	85.83	8.6	33.33	8.2	24.3	0.72
F05	08 Nov 2016	9	16.71	85.64	8.6	33.32	8.2	24.3	0.80
F05	08 Nov 2016	10	16.56	85.35	8.7	33.31	8.2	24.3	0.95
F05	08 Nov 2016	11	16.22	84.75	8.7	33.31	8.2	24.4	1.20
F05	08 Nov 2016	12	15.77	84.24	8.4	33.30	8.2	24.5	1.44
F05	08 Nov 2016	13	14.59	83.05	8.3	33.28	8.2	24.7	1.81
F05	08 Nov 2016	14	14.42	82.37	8.2	33.27	8.2	24.8	2.18
F05	08 Nov 2016	15	14.28	82.22	8.0	33.27	8.2	24.8	2.58
F05	08 Nov 2016	16	14.03	81.79	7.7	33.27	8.2	24.8	3.18
F05	08 Nov 2016	17	13.85	80.94	7.5	33.27	8.2	24.9	4.30
F05	08 Nov 2016	18	13.69	81.76	7.3	33.28	8.2	24.9	4.43
F05	08 Nov 2016	19	13.47	84.81	7.0	33.28	8.2	25.0	3.47
F05	08 Nov 2016	20	13.35	86.95	7.0	33.28	8.2	25.0	2.41
F05	08 Nov 2016	21	13.22	87.74	6.9	33.28	8.2	25.0	1.75
F05	08 Nov 2016	22	13.13	87.72	7.0	33.28	8.2	25.0	1.62
F05	08 Nov 2016	23	13.12	87.77	6.9	33.28	8.2	25.0	1.54
F05	08 Nov 2016	24	13.10	87.77	6.9	33.28	8.1	25.0	1.58
F05	08 Nov 2016	25	13.05	87.76	6.8	33.28	8.1	25.1	1.59
F05	08 Nov 2016	26	13.00	87.75	6.7	33.30	8.1	25.1	1.65
F05	08 Nov 2016	27	13.00	87.77	6.7	33.30	8.1	25.1	1.57
F05	08 Nov 2016	28	12.97	87.79	6.6	33.31	8.1	25.1	1.52
F05	08 Nov 2016	29	12.97	87.76	6.6	33.31	8.1	25.1	1.44
F05	08 Nov 2016	30	12.97	87.82	6.5	33.32	8.1	25.1	1.36
F05	08 Nov 2016	31	12.97	87.97	6.5	33.32	8.1	25.1	1.29
F05	08 Nov 2016	32	12.96	87.92	6.4	33.32	8.1	25.1	1.28
F05	08 Nov 2016	33	12.91	88.01	6.4	33.33	8.1	25.1	1.21
F05	08 Nov 2016	34	12.91	88.04	6.4	33.33	8.1	25.1	1.21
F05	08 Nov 2016	35	12.86	88.12	6.3	33.33	8.1	25.1	1.12
F05	08 Nov 2016	36	12.81	88.21	6.3	33.33	8.1	25.1	1.04
F05	08 Nov 2016	37	12.77	88.29	6.3	33.33	8.1	25.1	0.96
F05	08 Nov 2016	38	12.72	88.30	6.3	33.34	8.1	25.2	0.91
F05	08 Nov 2016	39	12.69	88.35	6.3	33.33	8.1	25.2	0.94

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F05	08 Nov 2016	40	12.68	88.33	6.3	33.33	8.1	25.2	0.92
F05	08 Nov 2016	41	12.66	88.39	6.3	33.34	8.1	25.2	0.90
F05	08 Nov 2016	42	12.63	88.39	6.2	33.34	8.1	25.2	0.88
F05	08 Nov 2016	43	12.57	88.53	6.2	33.34	8.1	25.2	0.83
F05	08 Nov 2016	44	12.54	88.60	6.2	33.34	8.1	25.2	0.80
F05	08 Nov 2016	45	12.54	88.62	6.2	33.34	8.1	25.2	0.78
F05	08 Nov 2016	46	12.53	88.64	6.2	33.34	8.1	25.2	0.77
F05	08 Nov 2016	47	12.53	88.60	6.2	33.34	8.0	25.2	0.76
F05	08 Nov 2016	48	12.52	88.64	6.2	33.34	8.0	25.2	0.77
F05	08 Nov 2016	49	12.52	88.62	6.2	33.34	8.0	25.2	0.74
F05	08 Nov 2016	50	12.51	88.62	6.2	33.34	8.0	25.2	0.75
F05	08 Nov 2016	51	12.48	88.27	6.2	33.34	8.0	25.2	0.74
F05	08 Nov 2016	52	12.48	88.27	6.2	33.34	8.0	25.2	0.71
F05	08 Nov 2016	53	12.47	88.11	6.2	33.34	8.0	25.2	0.71
F05	08 Nov 2016	54	12.48	88.10	6.2	33.34	8.0	25.2	0.71
F05	08 Nov 2016	55	12.47	88.15	6.2	33.34	8.0	25.2	0.70
F05	08 Nov 2016	56	12.44	87.59	6.1	33.35	8.0	25.2	0.69
F05	08 Nov 2016	57	12.30	85.87	6.0	33.36	8.0	25.3	0.63
F05	08 Nov 2016	58	12.22	84.45	5.9	33.37	8.0	25.3	0.58
F05	08 Nov 2016	59	12.18	83.80	5.9	33.37	8.0	25.3	0.56
F05	08 Nov 2016	60	12.17	83.33	5.9	33.37	8.0	25.3	0.55
F06	08 Nov 2016	1	17.33	86.31	8.6	33.32	8.2	24.1	0.37
F06	08 Nov 2016	2	17.30	86.33	8.6	33.32	8.2	24.2	0.38
F06	08 Nov 2016	3	17.15	86.26	8.6	33.32	8.2	24.2	0.38
F06	08 Nov 2016	4	16.93	86.03	8.7	33.31	8.2	24.2	0.41
F06	08 Nov 2016	5	16.91	85.93	8.7	33.31	8.2	24.2	0.44
F06	08 Nov 2016	6	16.90	85.89	8.7	33.31	8.2	24.2	0.46
F06	08 Nov 2016	7	16.87	85.88	8.7	33.31	8.2	24.2	0.49
F06	08 Nov 2016	8	16.85	85.75	8.7	33.31	8.2	24.3	0.54
F06	08 Nov 2016	9	16.84	85.76	8.7	33.31	8.2	24.3	0.57
F06	08 Nov 2016	10	16.79	85.72	8.7	33.31	8.2	24.3	0.65
F06	08 Nov 2016	11	16.75	85.73	8.7	33.31	8.2	24.3	0.70
F06	08 Nov 2016	12	16.60	85.57	8.7	33.31	8.2	24.3	0.79
F06	08 Nov 2016	13	16.41	85.49	8.7	33.31	8.2	24.4	0.91
F06	08 Nov 2016	14	15.89	85.15	8.3	33.32	8.2	24.5	1.08
F06	08 Nov 2016	15	14.64	83.78	8.3	33.28	8.2	24.7	1.59
F06	08 Nov 2016	16	14.55	82.70	8.3	33.27	8.2	24.7	2.09
F06	08 Nov 2016	17	14.35	82.24	8.1	33.27	8.2	24.8	2.35
F06	08 Nov 2016	18	14.19	81.69	7.9	33.27	8.2	24.8	2.97
F06	08 Nov 2016	19	14.09	80.28	7.5	33.27	8.2	24.8	3.84
F06	08 Nov 2016	20	13.90	80.22	7.0	33.28	8.2	24.9	4.29
F06	08 Nov 2016	21	13.75	81.54	6.8	33.29	8.2	24.9	4.04
F06	08 Nov 2016	22	13.51	84.71	6.8	33.29	8.2	25.0	3.29
F06	08 Nov 2016	23	13.33	86.94	6.8	33.29	8.2	25.0	2.27
F06	08 Nov 2016	24	13.11	87.79	6.9	33.28	8.2	25.0	1.70
F06	08 Nov 2016	25	13.06	87.79	6.9	33.28	8.1	25.0	1.54
F06	08 Nov 2016	26	13.00	87.96	6.8	33.28	8.1	25.1	1.48
F06	08 Nov 2016	27	12.96	88.09	6.8	33.29	8.1	25.1	1.42
F06	08 Nov 2016	28	12.90	88.17	6.7	33.29	8.1	25.1	1.36
F06	08 Nov 2016	29	12.83	88.35	6.6	33.30	8.1	25.1	1.24
F06	08 Nov 2016	30	12.79	88.33	6.5	33.31	8.1	25.1	1.16
F06	08 Nov 2016	31	12.80	88.32	6.4	33.32	8.1	25.1	1.12
F06	08 Nov 2016	32	12.77	88.32	6.4	33.32	8.1	25.1	1.07
F06	08 Nov 2016	33	12.71	88.45	6.4	33.33	8.1	25.2	0.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F06	08 Nov 2016	34	12.70	88.50	6.3	33.33	8.1	25.2	0.93
F06	08 Nov 2016	35	12.68	88.60	6.3	33.33	8.1	25.2	0.89
F06	08 Nov 2016	36	12.63	88.76	6.3	33.33	8.1	25.2	0.85
F06	08 Nov 2016	37	12.60	88.85	6.3	33.33	8.1	25.2	0.79
F06	08 Nov 2016	38	12.57	88.67	6.3	33.33	8.1	25.2	0.76
F06	08 Nov 2016	39	12.54	88.76	6.3	33.33	8.1	25.2	0.73
F06	08 Nov 2016	40	12.51	88.77	6.3	33.34	8.1	25.2	0.72
F06	08 Nov 2016	41	12.46	88.76	6.2	33.34	8.1	25.2	0.68
F06	08 Nov 2016	42	12.45	88.75	6.2	33.34	8.1	25.2	0.66
F06	08 Nov 2016	43	12.44	88.48	6.2	33.34	8.1	25.2	0.64
F06	08 Nov 2016	44	12.43	88.54	6.2	33.35	8.1	25.2	0.64
F06	08 Nov 2016	45	12.41	88.29	6.2	33.35	8.0	25.2	0.62
F06	08 Nov 2016	46	12.40	87.67	6.1	33.35	8.0	25.2	0.62
F06	08 Nov 2016	47	12.38	88.23	6.1	33.35	8.0	25.2	0.61
F06	08 Nov 2016	48	12.36	88.11	6.1	33.35	8.0	25.2	0.60
F06	08 Nov 2016	49	12.33	85.47	6.0	33.36	8.0	25.3	0.62
F06	08 Nov 2016	50	12.29	83.92	6.0	33.36	8.0	25.3	0.59
F06	08 Nov 2016	51	12.20	82.49	5.9	33.37	8.0	25.3	0.56
F06	08 Nov 2016	52	12.14	81.48	5.8	33.38	8.0	25.3	0.53
F06	08 Nov 2016	53	12.12	80.80	5.8	33.38	8.0	25.3	0.53
F06	08 Nov 2016	54	12.11	79.61	5.8	33.38	8.0	25.3	0.53
F06	08 Nov 2016	55	12.09	79.00	5.8	33.38	8.0	25.3	0.50
F06	08 Nov 2016	56	12.06	78.01	5.8	33.38	8.0	25.3	0.50
F06	08 Nov 2016	57	12.05	76.50	5.7	33.39	8.0	25.3	0.50
F06	08 Nov 2016	58	12.04	74.59	5.7	33.39	8.0	25.3	0.50
F06	08 Nov 2016	59	12.03	71.01	5.7	33.39	8.0	25.3	0.51
F06	08 Nov 2016	60	12.03	68.40	5.7	33.39	8.0	25.3	0.55
F07	08 Nov 2016	1	17.31	86.75	8.6	33.32	8.2	24.2	0.38
F07	08 Nov 2016	2	17.29	86.75	8.6	33.32	8.2	24.2	0.39
F07	08 Nov 2016	3	17.05	86.79	8.6	33.32	8.2	24.2	0.39
F07	08 Nov 2016	4	16.86	86.60	8.7	33.32	8.2	24.3	0.41
F07	08 Nov 2016	5	16.83	86.34	8.7	33.31	8.2	24.3	0.45
F07	08 Nov 2016	6	16.81	86.26	8.7	33.31	8.2	24.3	0.48
F07	08 Nov 2016	7	16.79	86.33	8.6	33.32	8.2	24.3	0.51
F07	08 Nov 2016	8	16.77	86.22	8.7	33.32	8.2	24.3	0.56
F07	08 Nov 2016	9	16.73	86.13	8.7	33.32	8.2	24.3	0.59
F07	08 Nov 2016	10	16.69	86.12	8.6	33.31	8.2	24.3	0.64
F07	08 Nov 2016	11	16.38	86.01	8.6	33.31	8.2	24.4	0.75
F07	08 Nov 2016	12	16.03	85.49	8.4	33.31	8.2	24.4	0.96
F07	08 Nov 2016	13	14.89	83.08	8.4	33.28	8.2	24.7	1.64
F07	08 Nov 2016	14	14.62	81.95	8.2	33.27	8.2	24.7	2.41
F07	08 Nov 2016	15	14.39	80.69	7.8	33.27	8.2	24.8	3.09
F07	08 Nov 2016	16	14.10	81.23	7.6	33.27	8.2	24.8	3.59
F07	08 Nov 2016	17	14.04	81.48	7.5	33.27	8.2	24.8	3.90
F07	08 Nov 2016	18	13.84	81.79	7.4	33.28	8.2	24.9	4.43
F07	08 Nov 2016	19	13.57	83.20	7.1	33.28	8.2	24.9	4.11
F07	08 Nov 2016	20	13.41	85.61	7.1	33.28	8.2	25.0	2.93
F07	08 Nov 2016	21	13.39	87.09	7.0	33.27	8.2	25.0	2.24
F07	08 Nov 2016	22	13.30	87.33	7.0	33.27	8.2	25.0	1.86
F07	08 Nov 2016	23	13.25	87.53	7.0	33.28	8.2	25.0	1.69
F07	08 Nov 2016	24	13.15	87.89	6.9	33.28	8.2	25.0	1.54
F07	08 Nov 2016	25	13.07	88.01	6.8	33.28	8.1	25.1	1.47
F07	08 Nov 2016	26	12.96	88.20	6.8	33.29	8.1	25.1	1.40
F07	08 Nov 2016	27	12.94	88.43	6.7	33.29	8.1	25.1	1.25

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F07	08 Nov 2016	28	12.88	88.54	6.7	33.30	8.1	25.1	1.14
F07	08 Nov 2016	29	12.74	88.69	6.5	33.31	8.1	25.1	0.99
F07	08 Nov 2016	30	12.64	88.81	6.4	33.32	8.1	25.2	0.89
F07	08 Nov 2016	31	12.56	88.80	6.3	33.33	8.1	25.2	0.81
F07	08 Nov 2016	32	12.56	88.80	6.3	33.33	8.1	25.2	0.76
F07	08 Nov 2016	33	12.54	88.77	6.3	33.33	8.1	25.2	0.75
F07	08 Nov 2016	34	12.52	88.78	6.3	33.33	8.1	25.2	0.74
F07	08 Nov 2016	35	12.48	88.74	6.3	33.33	8.1	25.2	0.71
F07	08 Nov 2016	36	12.41	88.77	6.2	33.34	8.1	25.2	0.66
F07	08 Nov 2016	37	12.40	88.87	6.2	33.34	8.1	25.2	0.64
F07	08 Nov 2016	38	12.38	88.91	6.2	33.34	8.1	25.2	0.62
F07	08 Nov 2016	39	12.37	88.88	6.2	33.35	8.1	25.2	0.63
F07	08 Nov 2016	40	12.35	88.75	6.1	33.35	8.1	25.2	0.62
F07	08 Nov 2016	41	12.33	88.62	6.1	33.36	8.1	25.2	0.62
F07	08 Nov 2016	42	12.34	88.41	6.1	33.35	8.1	25.2	0.61
F07	08 Nov 2016	43	12.31	88.45	6.1	33.36	8.0	25.3	0.59
F07	08 Nov 2016	44	12.30	88.60	6.0	33.36	8.0	25.3	0.60
F07	08 Nov 2016	45	12.30	88.32	6.0	33.36	8.0	25.3	0.59
F07	08 Nov 2016	46	12.28	87.95	6.0	33.36	8.0	25.3	0.59
F07	08 Nov 2016	47	12.25	88.11	6.0	33.37	8.0	25.3	0.58
F07	08 Nov 2016	48	12.20	86.60	5.9	33.37	8.0	25.3	0.55
F07	08 Nov 2016	49	12.08	82.72	5.8	33.38	8.0	25.3	0.52
F07	08 Nov 2016	50	12.07	81.38	5.8	33.38	8.0	25.3	0.52
F07	08 Nov 2016	51	12.07	81.36	5.8	33.38	8.0	25.3	0.51
F07	08 Nov 2016	52	12.05	79.43	5.7	33.39	8.0	25.3	0.50
F07	08 Nov 2016	53	12.03	78.80	5.7	33.39	8.0	25.3	0.50
F07	08 Nov 2016	54	12.03	78.41	5.7	33.39	8.0	25.3	0.48
F07	08 Nov 2016	55	12.03	78.76	5.7	33.39	8.0	25.3	0.50
F07	08 Nov 2016	56	12.03	80.16	5.7	33.39	8.0	25.3	0.49
F07	08 Nov 2016	57	12.01	80.42	5.7	33.39	8.0	25.3	0.49
F07	08 Nov 2016	58	12.01	80.41	5.7	33.39	8.0	25.3	0.51
F07	08 Nov 2016	59	12.01	80.46	5.7	33.39	8.0	25.3	0.49
F07	08 Nov 2016	60	12.00	79.39	5.7	33.39	8.0	25.3	0.48
F07	08 Nov 2016	61	11.96	77.09	5.6	33.39	8.0	25.3	0.48
F07	08 Nov 2016	62	11.94	76.15	5.6	33.40	8.0	25.4	0.48
F07	08 Nov 2016	63	11.93	74.83	5.6	33.40	8.0	25.4	0.48
F08	08 Nov 2016	1	17.25	86.81	8.5	33.32	8.2	24.2	0.38
F08	08 Nov 2016	2	17.08	86.70	8.5	33.34	8.2	24.2	0.39
F08	08 Nov 2016	3	16.85	86.51	8.6	33.32	8.2	24.3	0.39
F08	08 Nov 2016	4	16.79	86.51	8.6	33.32	8.2	24.3	0.41
F08	08 Nov 2016	5	16.70	86.36	8.6	33.32	8.2	24.3	0.44
F08	08 Nov 2016	6	16.62	86.22	8.6	33.32	8.2	24.3	0.49
F08	08 Nov 2016	7	16.28	85.93	8.6	33.32	8.2	24.4	0.59
F08	08 Nov 2016	8	15.56	84.09	8.4	33.32	8.2	24.6	0.87
F08	08 Nov 2016	9	15.22	81.75	8.2	33.30	8.2	24.6	1.39
F08	08 Nov 2016	10	14.56	81.49	8.0	33.30	8.2	24.8	1.92
F08	08 Nov 2016	11	14.39	80.41	7.8	33.28	8.2	24.8	2.71
F08	08 Nov 2016	12	14.25	80.40	7.6	33.29	8.2	24.8	2.85
F08	08 Nov 2016	13	14.07	81.47	7.5	33.28	8.2	24.8	3.05
F08	08 Nov 2016	14	14.09	82.18	7.4	33.29	8.2	24.8	3.11
F08	08 Nov 2016	15	13.87	82.19	7.2	33.29	8.2	24.9	3.40
F08	08 Nov 2016	16	13.78	82.61	7.2	33.29	8.2	24.9	3.70
F08	08 Nov 2016	17	13.66	83.18	7.2	33.28	8.2	24.9	3.89
F08	08 Nov 2016	18	13.60	83.93	7.1	33.28	8.2	24.9	3.98

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F08	08 Nov 2016	19	13.52	84.74	7.1	33.28	8.2	25.0	3.47
F08	08 Nov 2016	20	13.53	86.28	7.0	33.29	8.2	25.0	3.04
F08	08 Nov 2016	21	13.21	87.45	6.9	33.29	8.1	25.0	2.17
F08	08 Nov 2016	22	13.13	88.16	6.8	33.30	8.1	25.0	1.55
F08	08 Nov 2016	23	12.93	88.65	6.7	33.31	8.1	25.1	1.20
F08	08 Nov 2016	24	12.85	88.83	6.6	33.31	8.1	25.1	1.02
F08	08 Nov 2016	25	12.79	88.89	6.6	33.31	8.1	25.1	0.95
F08	08 Nov 2016	26	12.77	88.99	6.6	33.31	8.1	25.1	0.91
F08	08 Nov 2016	27	12.72	89.01	6.5	33.32	8.1	25.1	0.88
F08	08 Nov 2016	28	12.65	89.04	6.5	33.32	8.1	25.2	0.85
F08	08 Nov 2016	29	12.63	89.07	6.4	33.33	8.1	25.2	0.81
F08	08 Nov 2016	30	12.60	89.10	6.4	33.33	8.1	25.2	0.79
F08	08 Nov 2016	31	12.57	89.14	6.3	33.33	8.1	25.2	0.77
F08	08 Nov 2016	32	12.48	89.12	6.2	33.34	8.1	25.2	0.71
F08	08 Nov 2016	33	12.43	89.01	6.2	33.35	8.1	25.2	0.67
F08	08 Nov 2016	34	12.40	88.91	6.2	33.35	8.1	25.2	0.65
F08	08 Nov 2016	35	12.36	88.52	6.1	33.35	8.1	25.2	0.65
F08	08 Nov 2016	36	12.33	88.32	6.1	33.36	8.1	25.2	0.61
F08	08 Nov 2016	37	12.28	87.96	6.0	33.36	8.1	25.3	0.60
F08	08 Nov 2016	38	12.19	85.53	5.9	33.37	8.1	25.3	0.56
F08	08 Nov 2016	39	12.12	84.51	5.8	33.38	8.0	25.3	0.54
F08	08 Nov 2016	40	12.09	83.49	5.8	33.38	8.0	25.3	0.51
F08	08 Nov 2016	41	12.08	82.51	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	42	12.07	81.30	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	43	12.07	81.16	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	44	12.07	80.70	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	45	12.07	80.27	5.8	33.38	8.0	25.3	0.51
F08	08 Nov 2016	46	12.07	80.58	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	47	12.07	80.48	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	48	12.07	80.33	5.8	33.38	8.0	25.3	0.50
F08	08 Nov 2016	49	12.07	80.81	5.8	33.38	8.0	25.3	0.50
F08	08 Nov 2016	50	12.06	80.18	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	51	12.06	79.81	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	52	12.06	79.37	5.8	33.38	8.0	25.3	0.49
F08	08 Nov 2016	53	12.06	79.11	5.7	33.38	8.0	25.3	0.49
F08	08 Nov 2016	54	12.03	77.19	5.7	33.39	8.0	25.3	0.48
F08	08 Nov 2016	55	12.02	76.63	5.7	33.39	8.0	25.3	0.48
F08	08 Nov 2016	56	12.01	76.23	5.7	33.39	8.0	25.3	0.48
F08	08 Nov 2016	57	12.00	74.36	5.7	33.39	8.0	25.3	0.48
F08	08 Nov 2016	58	12.00	74.34	5.7	33.39	8.0	25.3	0.49
F08	08 Nov 2016	59	11.99	73.29	5.7	33.39	8.0	25.3	0.48
F08	08 Nov 2016	60	11.99	73.06	5.7	33.39	8.0	25.3	0.48
F08	08 Nov 2016	61	11.99	72.41	5.7	33.39	8.0	25.3	0.49
F09	08 Nov 2016	1	16.98	86.53	8.6	33.32	8.2	24.2	0.40
F09	08 Nov 2016	2	16.81	86.71	8.6	33.32	8.2	24.3	0.41
F09	08 Nov 2016	3	16.65	86.44	8.7	33.31	8.2	24.3	0.44
F09	08 Nov 2016	4	16.62	86.30	8.7	33.31	8.2	24.3	0.49
F09	08 Nov 2016	5	16.59	86.21	8.6	33.31	8.2	24.3	0.52
F09	08 Nov 2016	6	16.19	85.52	8.6	33.30	8.2	24.4	0.69
F09	08 Nov 2016	7	15.73	84.19	8.4	33.30	8.2	24.5	0.97
F09	08 Nov 2016	8	15.13	81.84	8.2	33.29	8.2	24.6	1.59
F09	08 Nov 2016	9	14.68	81.56	8.1	33.27	8.2	24.7	2.19
F09	08 Nov 2016	10	14.57	80.81	8.0	33.27	8.2	24.7	2.51
F09	08 Nov 2016	11	14.43	80.91	7.7	33.27	8.2	24.8	2.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F09	08 Nov 2016	12	14.10	81.06	7.1	33.29	8.2	24.8	2.25
F09	08 Nov 2016	13	13.76	81.90	6.8	33.29	8.2	24.9	1.97
F09	08 Nov 2016	14	13.76	82.12	6.8	33.29	8.2	24.9	2.02
F09	08 Nov 2016	15	13.73	82.52	6.7	33.29	8.2	24.9	2.10
F09	08 Nov 2016	16	13.55	84.40	6.7	33.29	8.2	25.0	2.23
F09	08 Nov 2016	17	13.52	85.20	6.7	33.29	8.1	25.0	2.17
F09	08 Nov 2016	18	13.40	86.16	6.8	33.29	8.1	25.0	1.99
F09	08 Nov 2016	19	13.29	87.23	6.8	33.30	8.1	25.0	1.81
F09	08 Nov 2016	20	13.21	87.86	6.7	33.30	8.1	25.0	1.46
F09	08 Nov 2016	21	13.06	88.03	6.6	33.31	8.1	25.1	1.26
F09	08 Nov 2016	22	12.91	88.15	6.6	33.31	8.1	25.1	1.09
F09	08 Nov 2016	23	12.84	88.49	6.6	33.31	8.1	25.1	1.01
F09	08 Nov 2016	24	12.80	88.77	6.5	33.31	8.1	25.1	0.93
F09	08 Nov 2016	25	12.72	88.85	6.5	33.32	8.1	25.1	0.87
F09	08 Nov 2016	26	12.64	88.99	6.4	33.33	8.1	25.2	0.77
F09	08 Nov 2016	27	12.62	89.00	6.4	33.33	8.1	25.2	0.76
F09	08 Nov 2016	28	12.60	89.04	6.4	33.33	8.1	25.2	0.73
F09	08 Nov 2016	29	12.60	89.05	6.4	33.33	8.1	25.2	0.75
F09	08 Nov 2016	30	12.58	89.03	6.3	33.33	8.1	25.2	0.73
F09	08 Nov 2016	31	12.49	89.14	6.3	33.34	8.1	25.2	0.71
F09	08 Nov 2016	32	12.45	89.17	6.2	33.34	8.1	25.2	0.69
F09	08 Nov 2016	33	12.41	89.17	6.2	33.34	8.1	25.2	0.66
F09	08 Nov 2016	34	12.41	89.18	6.2	33.34	8.1	25.2	0.66
F09	08 Nov 2016	35	12.37	89.23	6.2	33.35	8.1	25.2	0.64
F09	08 Nov 2016	36	12.33	89.24	6.1	33.36	8.1	25.2	0.62
F09	08 Nov 2016	37	12.30	89.22	6.1	33.36	8.0	25.3	0.60
F09	08 Nov 2016	38	12.29	89.16	6.0	33.36	8.0	25.3	0.59
F09	08 Nov 2016	39	12.28	89.03	6.0	33.36	8.0	25.3	0.57
F09	08 Nov 2016	40	12.20	88.67	5.9	33.38	8.0	25.3	0.55
F09	08 Nov 2016	41	12.15	88.40	5.9	33.38	8.0	25.3	0.53
F09	08 Nov 2016	42	12.14	87.84	5.8	33.38	8.0	25.3	0.50
F09	08 Nov 2016	43	12.10	85.98	5.8	33.38	8.0	25.3	0.49
F09	08 Nov 2016	44	12.08	84.77	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	45	12.08	83.71	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	46	12.07	82.81	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	47	12.08	82.10	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	48	12.07	81.91	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	49	12.07	82.68	5.8	33.38	8.0	25.3	0.46
F09	08 Nov 2016	50	12.07	83.05	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	51	12.06	82.38	5.8	33.38	8.0	25.3	0.46
F09	08 Nov 2016	52	12.06	82.15	5.8	33.38	8.0	25.3	0.46
F09	08 Nov 2016	53	12.06	81.93	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	54	12.07	82.07	5.8	33.38	8.0	25.3	0.46
F09	08 Nov 2016	55	12.06	81.96	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	56	12.06	81.53	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	57	12.06	79.04	5.8	33.38	8.0	25.3	0.47
F09	08 Nov 2016	58	12.06	77.70	5.8	33.38	8.0	25.3	0.45
F09	08 Nov 2016	59	12.05	76.96	5.7	33.38	8.0	25.3	0.49
F09	08 Nov 2016	60	12.05	75.76	5.7	33.38	8.0	25.3	0.47
F09	08 Nov 2016	61	12.05	75.20	5.7	33.38	8.0	25.3	0.48
F09	08 Nov 2016	62	12.05	74.41	5.7	33.38	8.0	25.3	0.46
F10	08 Nov 2016	1	16.79	83.94	8.6	33.32	8.2	24.3	0.76
F10	08 Nov 2016	2	16.69	83.94	8.6	33.32	8.2	24.3	0.81
F10	08 Nov 2016	3	16.56	83.80	8.6	33.32	8.2	24.3	0.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F10	08 Nov 2016	4	16.52	84.18	8.5	33.32	8.2	24.3	0.84
F10	08 Nov 2016	5	16.47	84.41	8.6	33.32	8.2	24.3	0.89
F10	08 Nov 2016	6	16.45	84.41	8.5	33.31	8.2	24.3	1.01
F10	08 Nov 2016	7	16.30	84.92	8.5	33.31	8.2	24.4	1.13
F10	08 Nov 2016	8	15.77	84.36	8.4	33.31	8.2	24.5	1.58
F10	08 Nov 2016	9	15.59	82.60	8.3	33.29	8.2	24.5	2.08
F10	08 Nov 2016	10	14.97	82.50	8.2	33.29	8.2	24.7	2.63
F10	08 Nov 2016	11	14.49	81.94	8.0	33.27	8.2	24.8	3.22
F10	08 Nov 2016	12	14.34	81.42	7.9	33.27	8.2	24.8	3.63
F10	08 Nov 2016	13	14.27	81.01	7.8	33.27	8.2	24.8	3.99
F10	08 Nov 2016	14	14.09	81.19	7.4	33.28	8.2	24.8	3.66
F10	08 Nov 2016	15	13.97	81.80	7.1	33.28	8.2	24.9	3.08
F10	08 Nov 2016	16	13.89	81.86	6.9	33.29	8.2	24.9	2.71
F10	08 Nov 2016	17	13.73	82.04	6.8	33.29	8.2	24.9	2.50
F10	08 Nov 2016	18	13.53	84.25	6.8	33.29	8.2	25.0	2.33
F10	08 Nov 2016	19	13.28	87.16	6.7	33.30	8.2	25.0	1.79
F10	08 Nov 2016	20	13.03	87.87	6.7	33.30	8.1	25.1	1.36
F10	08 Nov 2016	21	12.99	88.47	6.6	33.31	8.1	25.1	1.23
F10	08 Nov 2016	22	12.90	88.55	6.6	33.31	8.1	25.1	1.11
F10	08 Nov 2016	23	12.88	88.56	6.6	33.31	8.1	25.1	1.09
F10	08 Nov 2016	24	12.86	88.61	6.5	33.31	8.1	25.1	1.09
F10	08 Nov 2016	25	12.83	88.50	6.5	33.32	8.1	25.1	1.01
F10	08 Nov 2016	26	12.69	88.75	6.4	33.33	8.1	25.2	0.91
F10	08 Nov 2016	27	12.56	88.84	6.2	33.34	8.1	25.2	0.79
F10	08 Nov 2016	28	12.52	88.88	6.2	33.35	8.1	25.2	0.73
F10	08 Nov 2016	29	12.49	88.87	6.2	33.35	8.1	25.2	0.69
F10	08 Nov 2016	30	12.50	88.86	6.2	33.35	8.1	25.2	0.68
F10	08 Nov 2016	31	12.47	88.82	6.1	33.35	8.1	25.2	0.69
F10	08 Nov 2016	32	12.44	88.77	6.1	33.36	8.1	25.2	0.66
F10	08 Nov 2016	33	12.41	88.80	6.1	33.36	8.1	25.2	0.64
F10	08 Nov 2016	34	12.40	88.73	6.0	33.36	8.1	25.2	0.64
F10	08 Nov 2016	35	12.39	88.64	6.1	33.36	8.1	25.2	0.62
F10	08 Nov 2016	36	12.37	88.49	6.0	33.36	8.1	25.2	0.63
F10	08 Nov 2016	37	12.29	88.05	6.0	33.37	8.1	25.3	0.60
F10	08 Nov 2016	38	12.25	86.17	5.9	33.37	8.1	25.3	0.57
F10	08 Nov 2016	39	12.23	84.31	5.9	33.37	8.0	25.3	0.56
F10	08 Nov 2016	40	12.25	84.33	5.9	33.37	8.0	25.3	0.55
F10	08 Nov 2016	41	12.22	84.00	5.9	33.37	8.0	25.3	0.57
F10	08 Nov 2016	42	12.22	83.85	5.9	33.37	8.0	25.3	0.56
F10	08 Nov 2016	43	12.21	83.78	5.9	33.37	8.0	25.3	0.58
F10	08 Nov 2016	44	12.21	83.77	5.9	33.37	8.0	25.3	0.55
F10	08 Nov 2016	45	12.21	83.41	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	46	12.21	83.33	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	47	12.21	83.25	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	48	12.21	83.28	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	49	12.21	83.31	5.9	33.37	8.0	25.3	0.55
F10	08 Nov 2016	50	12.21	83.23	5.9	33.37	8.0	25.3	0.55
F10	08 Nov 2016	51	12.21	83.15	5.9	33.37	8.0	25.3	0.56
F10	08 Nov 2016	52	12.20	83.26	5.9	33.37	8.0	25.3	0.55
F10	08 Nov 2016	53	12.20	83.28	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	54	12.20	83.25	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	55	12.20	83.13	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	56	12.20	83.13	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	57	12.20	83.05	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	58	12.20	82.76	5.9	33.37	8.0	25.3	0.54

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F10	08 Nov 2016	59	12.20	83.07	5.9	33.37	8.0	25.3	0.54
F10	08 Nov 2016	60	12.20	83.10	5.8	33.37	8.0	25.3	0.53
F10	08 Nov 2016	61	12.08	81.38	5.8	33.38	8.0	25.3	0.54
F11	08 Nov 2016	1	16.72	84.80	8.6	33.32	8.2	24.3	0.77
F11	08 Nov 2016	2	16.62	84.73	8.6	33.32	8.2	24.3	0.80
F11	08 Nov 2016	3	16.42	84.57	8.6	33.32	8.2	24.4	0.85
F11	08 Nov 2016	4	16.11	83.31	8.6	33.31	8.2	24.4	1.14
F11	08 Nov 2016	5	16.07	82.71	8.6	33.31	8.2	24.4	1.41
F11	08 Nov 2016	6	15.96	82.50	8.6	33.30	8.2	24.5	1.55
F11	08 Nov 2016	7	15.81	82.88	8.5	33.30	8.2	24.5	1.76
F11	08 Nov 2016	8	15.50	82.54	8.3	33.30	8.2	24.6	2.27
F11	08 Nov 2016	9	15.24	81.53	8.2	33.29	8.2	24.6	2.70
F11	08 Nov 2016	10	15.03	81.12	8.1	33.29	8.2	24.6	3.26
F11	08 Nov 2016	11	14.92	80.97	8.1	33.29	8.2	24.7	3.71
F11	08 Nov 2016	12	14.93	80.69	8.1	33.29	8.2	24.7	3.89
F11	08 Nov 2016	13	14.86	80.71	8.0	33.29	8.2	24.7	3.98
F11	08 Nov 2016	14	14.82	80.85	7.9	33.29	8.2	24.7	4.08
F11	08 Nov 2016	15	14.76	80.51	7.7	33.29	8.2	24.7	3.99
F11	08 Nov 2016	16	14.49	81.10	7.4	33.30	8.2	24.8	3.25
F11	08 Nov 2016	17	14.42	81.58	7.4	33.29	8.2	24.8	3.06
F11	08 Nov 2016	18	14.15	81.63	7.4	33.28	8.2	24.8	3.37
F11	08 Nov 2016	19	14.01	81.80	7.2	33.28	8.2	24.9	3.71
F11	08 Nov 2016	20	14.00	81.63	7.2	33.28	8.2	24.9	3.89
F11	08 Nov 2016	21	13.96	81.63	7.1	33.29	8.1	24.9	3.77
F11	08 Nov 2016	22	13.89	81.90	6.9	33.29	8.1	24.9	3.46
F11	08 Nov 2016	23	13.73	82.21	6.7	33.29	8.1	24.9	2.81
F11	08 Nov 2016	24	13.65	82.86	6.6	33.30	8.1	24.9	2.17
F11	08 Nov 2016	25	13.58	82.62	6.5	33.30	8.1	25.0	1.74
F11	08 Nov 2016	26	13.48	83.48	6.4	33.30	8.1	25.0	1.52
F11	08 Nov 2016	27	13.20	86.15	6.4	33.30	8.1	25.0	1.35
F11	08 Nov 2016	28	13.11	85.27	6.3	33.31	8.1	25.1	1.17
F11	08 Nov 2016	29	12.98	86.08	6.4	33.31	8.1	25.1	1.12
F11	08 Nov 2016	30	12.92	86.57	6.4	33.31	8.1	25.1	1.04
F11	08 Nov 2016	31	12.89	85.79	6.3	33.32	8.1	25.1	0.93
F11	08 Nov 2016	32	12.81	84.29	6.2	33.32	8.1	25.1	0.88
F11	08 Nov 2016	33	12.80	83.84	6.2	33.32	8.1	25.1	0.85
F11	08 Nov 2016	34	12.77	83.86	6.2	33.32	8.1	25.1	0.80
F11	08 Nov 2016	35	12.74	83.96	6.2	33.33	8.1	25.1	0.77
F11	08 Nov 2016	36	12.70	85.46	6.2	33.33	8.1	25.2	0.78
F11	08 Nov 2016	37	12.65	85.90	6.2	33.33	8.1	25.2	0.77
F11	08 Nov 2016	38	12.64	85.40	6.2	33.33	8.1	25.2	0.75
F11	08 Nov 2016	39	12.64	85.07	6.2	33.33	8.1	25.2	0.74
F11	08 Nov 2016	40	12.64	84.38	6.2	33.33	8.1	25.2	0.74
F11	08 Nov 2016	41	12.63	83.12	6.2	33.33	8.1	25.2	0.72
F11	08 Nov 2016	42	12.60	82.68	6.2	33.33	8.1	25.2	0.70
F11	08 Nov 2016	43	12.54	82.26	6.1	33.34	8.0	25.2	0.69
F11	08 Nov 2016	44	12.45	81.23	6.1	33.34	8.0	25.2	0.65
F11	08 Nov 2016	45	12.46	80.16	6.1	33.34	8.0	25.2	0.64
F11	08 Nov 2016	46	12.43	79.89	6.1	33.34	8.0	25.2	0.63
F11	08 Nov 2016	47	12.41	80.08	6.0	33.35	8.0	25.2	0.62
F11	08 Nov 2016	48	12.36	80.18	6.0	33.35	8.0	25.2	0.61
F11	08 Nov 2016	49	12.34	79.55	6.0	33.35	8.0	25.2	0.59
F11	08 Nov 2016	50	12.34	78.28	6.0	33.35	8.0	25.2	0.59
F11	08 Nov 2016	51	12.33	78.32	6.0	33.35	8.0	25.2	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F11	08 Nov 2016	52	12.34	78.36	6.0	33.35	8.0	25.2	0.59
F11	08 Nov 2016	53	12.30	77.20	6.0	33.35	8.0	25.3	0.57
F11	08 Nov 2016	54	12.20	75.74	5.9	33.36	8.0	25.3	0.56
F11	08 Nov 2016	55	12.11	72.82	5.8	33.37	8.0	25.3	0.52
F11	08 Nov 2016	56	12.11	71.85	5.8	33.36	8.0	25.3	0.50
F11	08 Nov 2016	57	12.06	70.63	5.8	33.37	8.0	25.3	0.50
F11	08 Nov 2016	58	12.03	67.12	5.8	33.37	8.0	25.3	0.51
F11	08 Nov 2016	59	12.01	67.16	5.8	33.37	8.0	25.3	0.50
F11	08 Nov 2016	60	12.00	66.26	5.7	33.37	8.0	25.3	0.49
F12	08 Nov 2016	1	16.75	81.68	8.6	33.33	8.2	24.3	1.05
F12	08 Nov 2016	2	16.63	81.83	8.7	33.33	8.2	24.3	1.14
F12	08 Nov 2016	3	16.60	82.12	8.6	33.33	8.2	24.3	1.32
F12	08 Nov 2016	4	16.59	81.83	8.6	33.33	8.2	24.3	1.67
F12	08 Nov 2016	5	16.56	81.54	8.6	33.33	8.2	24.3	1.99
F12	08 Nov 2016	6	16.53	81.66	8.6	33.33	8.2	24.3	2.65
F12	08 Nov 2016	7	16.52	81.88	8.6	33.34	8.2	24.3	2.81
F12	08 Nov 2016	8	16.50	82.04	8.6	33.34	8.2	24.4	3.15
F12	08 Nov 2016	9	16.38	81.51	8.6	33.33	8.2	24.4	3.36
F12	08 Nov 2016	10	16.13	81.00	8.4	33.32	8.2	24.4	3.49
F12	08 Nov 2016	11	15.32	80.94	8.3	33.30	8.2	24.6	3.83
F12	08 Nov 2016	12	14.95	80.67	8.1	33.29	8.2	24.7	4.00
F12	08 Nov 2016	13	14.63	80.85	7.9	33.29	8.2	24.7	4.06
F12	08 Nov 2016	14	14.20	80.72	7.6	33.28	8.2	24.8	4.56
F12	08 Nov 2016	15	14.18	80.09	7.5	33.28	8.2	24.8	5.02
F12	08 Nov 2016	16	14.11	80.03	7.5	33.28	8.2	24.8	5.31
F12	08 Nov 2016	17	14.08	80.73	7.4	33.28	8.2	24.8	5.11
F12	08 Nov 2016	18	14.05	81.33	7.3	33.28	8.2	24.9	4.79
F12	08 Nov 2016	19	14.01	81.61	7.3	33.28	8.2	24.9	4.43
F12	08 Nov 2016	20	13.95	82.11	7.2	33.29	8.2	24.9	4.04
F12	08 Nov 2016	21	13.79	82.79	7.0	33.29	8.1	24.9	3.70
F12	08 Nov 2016	22	13.60	84.89	6.9	33.29	8.1	24.9	2.65
F12	08 Nov 2016	23	13.57	85.97	6.8	33.29	8.1	25.0	1.96
F12	08 Nov 2016	24	13.40	86.46	6.7	33.29	8.1	25.0	1.62
F12	08 Nov 2016	25	13.30	86.62	6.6	33.29	8.1	25.0	1.36
F12	08 Nov 2016	26	13.27	85.97	6.6	33.30	8.1	25.0	1.21
F12	08 Nov 2016	27	13.24	85.35	6.6	33.30	8.1	25.0	1.11
F12	08 Nov 2016	28	13.24	85.12	6.6	33.30	8.1	25.0	1.09
F12	08 Nov 2016	29	13.13	85.23	6.5	33.30	8.1	25.1	0.97
F12	08 Nov 2016	30	13.03	85.08	6.4	33.31	8.1	25.1	0.90
F12	08 Nov 2016	31	12.92	83.69	6.4	33.31	8.1	25.1	0.84
F12	08 Nov 2016	32	12.88	82.65	6.3	33.31	8.1	25.1	0.78
F12	08 Nov 2016	33	12.82	81.60	6.3	33.32	8.1	25.1	0.75
F12	08 Nov 2016	34	12.79	80.01	6.2	33.32	8.1	25.1	0.73
F12	08 Nov 2016	35	12.71	79.91	6.2	33.32	8.1	25.1	0.71
F12	08 Nov 2016	36	12.67	79.18	6.2	33.32	8.1	25.2	0.68
F12	08 Nov 2016	37	12.61	77.87	6.1	33.33	8.1	25.2	0.67
F12	08 Nov 2016	38	12.56	78.13	6.1	33.33	8.1	25.2	0.65
F12	08 Nov 2016	39	12.53	78.43	6.1	33.33	8.1	25.2	0.64
F12	08 Nov 2016	40	12.52	78.61	6.1	33.33	8.0	25.2	0.62
F12	08 Nov 2016	41	12.49	78.56	6.1	33.33	8.0	25.2	0.62
F12	08 Nov 2016	42	12.48	78.80	6.1	33.33	8.0	25.2	0.61
F12	08 Nov 2016	43	12.47	79.32	6.0	33.33	8.0	25.2	0.61
F12	08 Nov 2016	44	12.41	80.86	6.0	33.34	8.0	25.2	0.58
F12	08 Nov 2016	45	12.39	81.95	6.0	33.34	8.0	25.2	0.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F12	08 Nov 2016	46	12.39	81.60	6.0	33.34	8.0	25.2	0.57
F12	08 Nov 2016	47	12.38	80.74	6.0	33.34	8.0	25.2	0.57
F12	08 Nov 2016	48	12.38	79.20	6.0	33.34	8.0	25.2	0.55
F12	08 Nov 2016	49	12.38	78.93	6.0	33.34	8.0	25.2	0.55
F12	08 Nov 2016	50	12.38	79.05	6.0	33.34	8.0	25.2	0.55
F12	08 Nov 2016	51	12.38	78.84	6.0	33.34	8.0	25.2	0.55
F12	08 Nov 2016	52	12.38	78.82	6.0	33.34	8.0	25.2	0.55
F12	08 Nov 2016	53	12.37	78.89	6.0	33.34	8.0	25.2	0.64
F12	08 Nov 2016	54	12.35	78.43	5.9	33.34	8.0	25.2	0.55
F12	08 Nov 2016	55	12.34	77.82	5.9	33.34	8.0	25.2	0.53
F12	08 Nov 2016	56	12.24	77.44	5.9	33.35	8.0	25.3	0.50
F12	08 Nov 2016	57	12.08	77.90	5.8	33.36	8.0	25.3	0.46
F12	08 Nov 2016	58	12.01	77.80	5.8	33.36	8.0	25.3	0.43
F12	08 Nov 2016	59	11.93	80.28	5.7	33.37	8.0	25.3	0.41
F12	08 Nov 2016	60	11.69	77.56	5.5	33.40	8.0	25.4	0.38
F12	08 Nov 2016	61	11.58	76.70	5.4	33.41	8.0	25.4	0.36
F13	08 Nov 2016	1	16.99	83.23	8.2	33.35	8.2	24.3	0.89
F13	08 Nov 2016	2	16.74	83.15	8.3	33.35	8.2	24.3	0.98
F13	08 Nov 2016	3	16.26	82.44	8.3	33.33	8.2	24.4	1.40
F13	08 Nov 2016	4	15.50	81.69	8.1	33.32	8.2	24.6	1.84
F13	08 Nov 2016	5	15.02	81.15	8.0	33.30	8.2	24.7	2.30
F13	08 Nov 2016	6	14.81	80.87	8.0	33.28	8.2	24.7	2.79
F13	08 Nov 2016	7	14.72	80.79	7.9	33.28	8.2	24.7	3.45
F13	08 Nov 2016	8	14.65	81.06	7.8	33.28	8.2	24.7	3.56
F13	08 Nov 2016	9	14.45	81.63	7.6	33.28	8.2	24.8	3.44
F13	08 Nov 2016	10	14.39	81.99	7.5	33.28	8.2	24.8	3.42
F13	08 Nov 2016	11	14.12	82.89	7.4	33.28	8.2	24.8	3.10
F13	08 Nov 2016	12	14.07	83.33	7.3	33.28	8.2	24.8	3.15
F13	08 Nov 2016	13	14.01	83.39	7.2	33.28	8.2	24.9	3.24
F13	08 Nov 2016	14	13.91	83.45	7.2	33.28	8.1	24.9	3.21
F13	08 Nov 2016	15	13.84	83.83	7.1	33.28	8.1	24.9	3.00
F13	08 Nov 2016	16	13.79	84.46	7.0	33.29	8.1	24.9	2.91
F13	08 Nov 2016	17	13.78	84.54	7.0	33.29	8.1	24.9	2.84
F13	08 Nov 2016	18	13.78	84.82	7.0	33.29	8.1	24.9	2.84
F13	08 Nov 2016	19	13.74	84.81	6.9	33.29	8.1	24.9	2.78
F13	08 Nov 2016	20	13.64	85.28	6.8	33.29	8.1	24.9	2.33
F13	08 Nov 2016	21	13.62	86.07	6.8	33.29	8.1	24.9	2.11
F13	08 Nov 2016	22	13.61	86.24	6.8	33.29	8.1	24.9	2.02
F13	08 Nov 2016	23	13.59	86.50	6.8	33.29	8.1	24.9	1.89
F13	08 Nov 2016	24	13.51	86.67	6.7	33.29	8.1	25.0	1.67
F13	08 Nov 2016	25	13.39	86.96	6.6	33.30	8.1	25.0	1.35
F13	08 Nov 2016	26	13.30	87.51	6.6	33.30	8.1	25.0	1.18
F13	08 Nov 2016	27	13.15	87.67	6.5	33.30	8.1	25.0	1.13
F13	08 Nov 2016	28	13.10	87.48	6.5	33.30	8.1	25.1	0.94
F13	08 Nov 2016	29	13.05	87.21	6.5	33.30	8.1	25.1	0.90
F13	08 Nov 2016	30	12.97	87.08	6.4	33.31	8.1	25.1	0.86
F13	08 Nov 2016	31	12.91	86.54	6.4	33.31	8.1	25.1	0.81
F13	08 Nov 2016	32	12.88	86.38	6.4	33.31	8.1	25.1	0.77
F13	08 Nov 2016	33	12.86	86.39	6.4	33.31	8.1	25.1	0.76
F13	08 Nov 2016	34	12.86	86.75	6.4	33.31	8.1	25.1	0.75
F13	08 Nov 2016	35	12.85	86.92	6.4	33.31	8.1	25.1	0.77
F13	08 Nov 2016	36	12.83	86.90	6.4	33.31	8.1	25.1	0.77
F13	08 Nov 2016	37	12.80	86.73	6.3	33.31	8.1	25.1	0.77
F13	08 Nov 2016	38	12.72	86.26	6.3	33.32	8.1	25.1	0.70

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F13	08 Nov 2016	39	12.70	85.09	6.3	33.32	8.1	25.1	0.69
F13	08 Nov 2016	40	12.62	84.53	6.2	33.32	8.0	25.2	0.66
F13	08 Nov 2016	41	12.53	84.22	6.2	33.33	8.0	25.2	0.64
F13	08 Nov 2016	42	12.51	84.27	6.1	33.33	8.0	25.2	0.66
F13	08 Nov 2016	43	12.46	83.76	6.1	33.33	8.0	25.2	0.60
F13	08 Nov 2016	44	12.43	83.79	6.1	33.33	8.0	25.2	0.60
F13	08 Nov 2016	45	12.38	83.44	6.0	33.34	8.0	25.2	0.59
F13	08 Nov 2016	46	12.29	83.06	5.9	33.35	8.0	25.2	0.55
F13	08 Nov 2016	47	12.24	80.56	5.8	33.35	8.0	25.3	0.52
F13	08 Nov 2016	48	12.20	74.68	5.8	33.35	8.0	25.3	0.50
F13	08 Nov 2016	49	12.18	74.19	5.8	33.35	8.0	25.3	0.49
F13	08 Nov 2016	50	12.15	73.98	5.8	33.36	8.0	25.3	0.47
F13	08 Nov 2016	51	12.13	74.18	5.8	33.36	8.0	25.3	0.47
F13	08 Nov 2016	52	12.11	74.12	5.7	33.36	8.0	25.3	0.45
F13	08 Nov 2016	53	12.08	73.43	5.7	33.36	8.0	25.3	0.44
F13	08 Nov 2016	54	11.99	72.52	5.6	33.37	8.0	25.3	0.43
F13	08 Nov 2016	55	11.90	73.88	5.6	33.38	8.0	25.4	0.40
F13	08 Nov 2016	56	11.87	74.89	5.6	33.38	8.0	25.4	0.38
F13	08 Nov 2016	57	11.82	75.71	5.5	33.39	8.0	25.4	0.37
F13	08 Nov 2016	58	11.75	75.99	5.5	33.40	8.0	25.4	0.35
F13	08 Nov 2016	59	11.70	72.60	5.4	33.40	8.0	25.4	0.36
F13	08 Nov 2016	60	11.69	70.65	5.4	33.40	8.0	25.4	0.37
F14	08 Nov 2016	1	17.26	82.76	8.1	33.37	8.2	24.2	1.14
F14	08 Nov 2016	2	17.21	82.63	8.1	33.37	8.2	24.2	1.24
F14	08 Nov 2016	3	17.11	82.04	8.1	33.37	8.2	24.2	1.70
F14	08 Nov 2016	4	17.02	81.79	8.1	33.36	8.2	24.3	2.10
F14	08 Nov 2016	5	16.73	81.74	8.0	33.36	8.2	24.3	2.44
F14	08 Nov 2016	6	16.16	82.06	7.8	33.35	8.2	24.4	2.58
F14	08 Nov 2016	7	15.23	82.89	7.6	33.32	8.2	24.6	2.55
F14	08 Nov 2016	8	14.41	83.98	7.6	33.27	8.2	24.8	2.37
F14	08 Nov 2016	9	14.33	84.41	7.5	33.26	8.2	24.8	2.32
F14	08 Nov 2016	10	14.17	84.64	7.4	33.26	8.2	24.8	2.37
F14	08 Nov 2016	11	13.96	85.08	7.2	33.27	8.2	24.9	2.15
F14	08 Nov 2016	12	13.80	85.32	7.1	33.27	8.2	24.9	2.08
F14	08 Nov 2016	13	13.77	85.76	7.1	33.28	8.2	24.9	2.02
F14	08 Nov 2016	14	13.74	85.81	7.0	33.28	8.2	24.9	2.04
F14	08 Nov 2016	15	13.70	86.03	7.0	33.28	8.1	24.9	2.04
F14	08 Nov 2016	16	13.67	85.96	7.0	33.29	8.1	24.9	2.05
F14	08 Nov 2016	17	13.66	86.10	6.9	33.29	8.1	24.9	2.03
F14	08 Nov 2016	18	13.52	86.46	6.8	33.29	8.1	25.0	1.83
F14	08 Nov 2016	19	13.50	86.82	6.8	33.29	8.1	25.0	1.73
F14	08 Nov 2016	20	13.47	86.72	6.8	33.29	8.1	25.0	1.64
F14	08 Nov 2016	21	13.47	87.02	6.8	33.29	8.1	25.0	1.60
F14	08 Nov 2016	22	13.46	86.98	6.8	33.29	8.1	25.0	1.59
F14	08 Nov 2016	23	13.39	87.20	6.8	33.29	8.1	25.0	1.46
F14	08 Nov 2016	24	13.31	87.50	6.7	33.29	8.1	25.0	1.32
F14	08 Nov 2016	25	13.23	87.22	6.6	33.30	8.1	25.0	1.21
F14	08 Nov 2016	26	13.09	87.94	6.6	33.30	8.1	25.1	1.12
F14	08 Nov 2016	27	13.03	88.27	6.6	33.30	8.1	25.1	0.99
F14	08 Nov 2016	28	13.00	88.32	6.6	33.30	8.1	25.1	0.92
F14	08 Nov 2016	29	12.90	88.37	6.5	33.30	8.1	25.1	0.90
F14	08 Nov 2016	30	12.84	88.40	6.5	33.31	8.1	25.1	0.86
F14	08 Nov 2016	31	12.83	88.36	6.5	33.31	8.1	25.1	0.82
F14	08 Nov 2016	32	12.82	88.31	6.5	33.31	8.1	25.1	0.82

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F14	08 Nov 2016	33	12.81	88.30	6.4	33.31	8.1	25.1	0.82
F14	08 Nov 2016	34	12.77	88.25	6.4	33.31	8.1	25.1	0.80
F14	08 Nov 2016	35	12.74	88.11	6.4	33.31	8.1	25.1	0.78
F14	08 Nov 2016	36	12.71	88.33	6.4	33.31	8.1	25.1	0.77
F14	08 Nov 2016	37	12.67	88.27	6.4	33.31	8.1	25.2	0.74
F14	08 Nov 2016	38	12.66	88.37	6.4	33.31	8.1	25.2	0.77
F14	08 Nov 2016	39	12.66	88.38	6.4	33.31	8.0	25.2	0.73
F14	08 Nov 2016	40	12.65	88.29	6.4	33.31	8.0	25.2	0.75
F14	08 Nov 2016	41	12.65	88.17	6.4	33.31	8.0	25.2	0.74
F14	08 Nov 2016	42	12.64	87.59	6.3	33.32	8.0	25.2	0.72
F14	08 Nov 2016	43	12.59	86.96	6.2	33.32	8.0	25.2	0.69
F14	08 Nov 2016	44	12.42	86.85	6.1	33.34	8.0	25.2	0.63
F14	08 Nov 2016	45	12.34	86.65	6.0	33.34	8.0	25.2	0.58
F14	08 Nov 2016	46	12.33	86.61	6.0	33.34	8.0	25.2	0.57
F14	08 Nov 2016	47	12.30	86.58	6.0	33.34	8.0	25.2	0.56
F14	08 Nov 2016	48	12.29	86.40	6.0	33.34	8.0	25.2	0.56
F14	08 Nov 2016	49	12.28	85.89	6.0	33.34	8.0	25.2	0.54
F14	08 Nov 2016	50	12.24	85.82	6.0	33.35	8.0	25.3	0.53
F14	08 Nov 2016	51	12.21	85.24	5.9	33.35	8.0	25.3	0.51
F14	08 Nov 2016	52	12.19	85.03	5.9	33.35	8.0	25.3	0.49
F14	08 Nov 2016	53	12.17	85.23	5.9	33.35	8.0	25.3	0.47
F14	08 Nov 2016	54	12.15	85.82	5.8	33.36	8.0	25.3	0.46
F14	08 Nov 2016	55	12.13	85.99	5.8	33.36	8.0	25.3	0.45
F14	08 Nov 2016	56	12.06	85.72	5.8	33.37	8.0	25.3	0.43
F14	08 Nov 2016	57	11.93	84.08	5.6	33.38	8.0	25.3	0.40
F14	08 Nov 2016	58	11.87	81.77	5.6	33.38	8.0	25.4	0.37
F14	08 Nov 2016	59	11.85	80.75	5.6	33.38	8.0	25.4	0.37
F14	08 Nov 2016	60	11.84	80.23	5.5	33.38	8.0	25.4	0.37
F15	09 Nov 2016	1	18.00	84.02	9.5	33.34	8.3	24.0	0.54
F15	09 Nov 2016	2	17.99	86.25	9.5	33.34	8.3	24.0	0.56
F15	09 Nov 2016	3	17.96	85.99	9.5	33.34	8.3	24.0	0.62
F15	09 Nov 2016	4	17.96	86.30	9.5	33.34	8.3	24.0	0.67
F15	09 Nov 2016	5	17.95	86.28	9.5	33.34	8.3	24.0	0.71
F15	09 Nov 2016	6	17.95	86.31	9.5	33.34	8.3	24.0	0.76
F15	09 Nov 2016	7	17.93	86.29	9.5	33.34	8.3	24.0	0.83
F15	09 Nov 2016	8	17.92	85.18	9.6	33.34	8.3	24.0	0.90
F15	09 Nov 2016	9	17.88	86.19	9.6	33.34	8.3	24.0	1.08
F15	09 Nov 2016	10	17.45	85.68	10.0	33.34	8.3	24.1	2.09
F15	09 Nov 2016	11	16.87	84.16	9.8	33.34	8.3	24.3	3.96
F15	09 Nov 2016	12	16.30	83.72	8.7	33.32	8.3	24.4	4.98
F15	09 Nov 2016	13	15.42	83.70	8.1	33.27	8.3	24.5	4.06
F15	09 Nov 2016	14	15.23	85.31	8.0	33.25	8.3	24.6	2.83
F15	09 Nov 2016	15	15.12	85.88	8.0	33.24	8.2	24.6	2.49
F15	09 Nov 2016	16	15.04	86.08	7.9	33.23	8.2	24.6	2.43
F15	09 Nov 2016	17	14.90	86.23	7.8	33.23	8.2	24.6	2.56
F15	09 Nov 2016	18	14.47	86.21	7.7	33.21	8.2	24.7	2.86
F15	09 Nov 2016	19	14.31	85.69	7.7	33.21	8.2	24.7	3.15
F15	09 Nov 2016	20	14.23	85.60	7.7	33.21	8.2	24.8	3.27
F15	09 Nov 2016	21	14.00	85.64	7.6	33.21	8.2	24.8	3.37
F15	09 Nov 2016	22	13.90	85.78	7.5	33.21	8.2	24.8	3.62
F15	09 Nov 2016	23	13.81	85.90	7.4	33.21	8.2	24.8	3.68
F15	09 Nov 2016	24	13.71	85.77	7.4	33.21	8.2	24.9	4.14
F15	09 Nov 2016	25	13.55	85.57	7.2	33.23	8.2	24.9	4.02
F15	09 Nov 2016	26	13.49	85.83	7.0	33.25	8.1	24.9	3.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F15	09 Nov 2016	27	13.39	85.88	6.8	33.29	8.1	25.0	3.55
F15	09 Nov 2016	28	13.31	85.87	6.7	33.30	8.1	25.0	3.03
F15	09 Nov 2016	29	13.26	86.59	6.7	33.30	8.1	25.0	2.38
F15	09 Nov 2016	30	13.24	87.25	6.7	33.30	8.1	25.0	1.86
F15	09 Nov 2016	31	13.23	87.57	6.7	33.30	8.1	25.0	1.64
F15	09 Nov 2016	32	13.23	87.71	6.6	33.30	8.1	25.0	1.46
F15	09 Nov 2016	33	13.22	87.67	6.6	33.30	8.1	25.0	1.41
F15	09 Nov 2016	34	13.19	87.65	6.6	33.30	8.1	25.0	1.38
F15	09 Nov 2016	35	13.18	87.67	6.6	33.30	8.1	25.0	1.39
F15	09 Nov 2016	36	13.16	87.67	6.6	33.30	8.1	25.0	1.39
F15	09 Nov 2016	37	13.13	87.77	6.6	33.30	8.1	25.0	1.39
F15	09 Nov 2016	38	13.12	87.76	6.6	33.30	8.1	25.1	1.31
F15	09 Nov 2016	39	13.09	87.82	6.5	33.32	8.1	25.1	1.26
F15	09 Nov 2016	40	13.07	87.86	6.5	33.32	8.1	25.1	1.19
F15	09 Nov 2016	41	13.05	87.88	6.5	33.32	8.1	25.1	1.15
F15	09 Nov 2016	42	13.04	87.98	6.5	33.32	8.1	25.1	1.07
F15	09 Nov 2016	43	13.02	88.03	6.5	33.32	8.1	25.1	1.06
F15	09 Nov 2016	44	13.00	88.00	6.4	33.32	8.1	25.1	1.01
F15	09 Nov 2016	45	12.90	87.99	6.4	33.33	8.1	25.1	0.95
F15	09 Nov 2016	46	12.82	88.14	6.3	33.34	8.1	25.1	0.87
F15	09 Nov 2016	47	12.80	88.08	6.3	33.34	8.1	25.1	0.84
F15	09 Nov 2016	48	12.77	88.14	6.3	33.34	8.1	25.2	0.80
F15	09 Nov 2016	49	12.74	88.13	6.3	33.34	8.1	25.2	0.78
F15	09 Nov 2016	50	12.73	88.10	6.2	33.34	8.1	25.2	0.77
F15	09 Nov 2016	51	12.73	88.12	6.2	33.34	8.0	25.2	0.74
F15	09 Nov 2016	52	12.72	88.10	6.2	33.34	8.0	25.2	0.74
F15	09 Nov 2016	53	12.72	88.12	6.2	33.34	8.0	25.2	0.74
F15	09 Nov 2016	54	12.71	88.13	6.2	33.34	8.0	25.2	0.73
F15	09 Nov 2016	55	12.71	88.11	6.2	33.34	8.0	25.2	0.75
F15	09 Nov 2016	56	12.69	88.10	6.2	33.34	8.0	25.2	0.73
F15	09 Nov 2016	57	12.67	88.10	6.2	33.34	8.0	25.2	0.72
F15	09 Nov 2016	58	12.67	88.09	6.2	33.34	8.0	25.2	0.74
F15	09 Nov 2016	59	12.64	88.08	6.2	33.35	8.0	25.2	0.69
F15	09 Nov 2016	60	12.62	88.08	6.2	33.35	8.0	25.2	0.69
F15	09 Nov 2016	61	12.60	88.06	6.1	33.35	8.0	25.2	0.67
F15	09 Nov 2016	62	12.57	88.07	6.1	33.35	8.0	25.2	0.65
F15	09 Nov 2016	63	12.53	88.10	6.1	33.36	8.0	25.2	0.64
F15	09 Nov 2016	64	12.51	88.14	6.1	33.35	8.0	25.2	0.63
F15	09 Nov 2016	65	12.50	88.23	6.1	33.35	8.0	25.2	0.63
F15	09 Nov 2016	66	12.49	88.25	6.1	33.35	8.0	25.2	0.62
F15	09 Nov 2016	67	12.48	88.24	6.1	33.35	8.0	25.2	0.61
F15	09 Nov 2016	68	12.48	88.24	6.1	33.35	8.0	25.2	0.62
F15	09 Nov 2016	69	12.47	88.24	6.1	33.35	8.0	25.2	0.63
F15	09 Nov 2016	70	12.47	88.14	6.1	33.35	8.0	25.2	0.62
F15	09 Nov 2016	71	12.47	88.01	6.1	33.35	8.0	25.2	0.63
F15	09 Nov 2016	72	12.46	87.94	6.0	33.35	8.0	25.2	0.63
F15	09 Nov 2016	73	12.38	87.54	5.9	33.36	8.0	25.2	0.59
F15	09 Nov 2016	74	12.19	87.09	5.8	33.38	8.0	25.3	0.53
F15	09 Nov 2016	75	11.97	85.65	5.7	33.40	8.0	25.4	0.46
F15	09 Nov 2016	76	11.73	85.46	5.5	33.41	8.0	25.4	0.39
F15	09 Nov 2016	77	11.58	86.79	5.3	33.43	8.0	25.4	0.37
F15	09 Nov 2016	78	11.21	84.38	5.2	33.48	8.0	25.6	0.33
F15	09 Nov 2016	79	11.18	81.63	5.1	33.48	8.0	25.6	0.31
F15	09 Nov 2016	80	11.20	82.86	5.1	33.48	8.0	25.6	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	09 Nov 2016	1	17.88	81.66	9.4	33.34	8.3	24.0	0.63
F16	09 Nov 2016	2	17.67	84.75	9.6	33.35	8.3	24.1	0.75
F16	09 Nov 2016	3	17.55	85.46	9.8	33.33	8.3	24.1	0.94
F16	09 Nov 2016	4	17.10	85.25	10.0	33.31	8.3	24.2	1.39
F16	09 Nov 2016	5	16.86	84.75	9.9	33.31	8.3	24.3	1.92
F16	09 Nov 2016	6	16.65	83.14	9.9	33.30	8.3	24.3	2.95
F16	09 Nov 2016	7	16.48	82.38	9.4	33.30	8.3	24.3	3.38
F16	09 Nov 2016	8	16.33	83.01	9.0	33.30	8.3	24.4	3.24
F16	09 Nov 2016	9	15.96	84.33	8.5	33.30	8.3	24.4	2.92
F16	09 Nov 2016	10	15.56	85.50	8.2	33.27	8.3	24.5	2.27
F16	09 Nov 2016	11	15.31	85.86	8.1	33.26	8.2	24.6	2.18
F16	09 Nov 2016	12	15.00	85.97	8.0	33.25	8.2	24.6	2.14
F16	09 Nov 2016	13	14.76	86.03	8.0	33.24	8.2	24.7	2.14
F16	09 Nov 2016	14	14.72	86.09	7.9	33.23	8.2	24.7	2.34
F16	09 Nov 2016	15	14.41	85.90	7.8	33.22	8.2	24.7	2.75
F16	09 Nov 2016	16	14.26	85.41	7.8	33.21	8.2	24.7	3.45
F16	09 Nov 2016	17	14.22	85.25	7.8	33.21	8.2	24.8	3.88
F16	09 Nov 2016	18	14.18	84.95	7.8	33.21	8.2	24.8	4.17
F16	09 Nov 2016	19	14.16	85.08	7.7	33.21	8.2	24.8	4.68
F16	09 Nov 2016	20	13.92	84.58	7.5	33.20	8.2	24.8	6.24
F16	09 Nov 2016	21	13.55	81.99	7.4	33.22	8.2	24.9	7.03
F16	09 Nov 2016	22	13.41	83.12	7.1	33.23	8.2	24.9	5.78
F16	09 Nov 2016	23	13.32	85.73	6.9	33.26	8.1	25.0	4.30
F16	09 Nov 2016	24	13.32	86.09	6.8	33.27	8.1	25.0	3.29
F16	09 Nov 2016	25	13.28	86.89	6.7	33.29	8.1	25.0	2.35
F16	09 Nov 2016	26	13.25	87.21	6.7	33.29	8.1	25.0	1.84
F16	09 Nov 2016	27	13.23	87.47	6.7	33.30	8.1	25.0	1.51
F16	09 Nov 2016	28	13.19	87.64	6.6	33.31	8.1	25.0	1.42
F16	09 Nov 2016	29	13.15	87.85	6.6	33.31	8.1	25.1	1.31
F16	09 Nov 2016	30	13.14	87.91	6.6	33.31	8.1	25.1	1.26
F16	09 Nov 2016	31	13.11	88.01	6.5	33.31	8.1	25.1	1.18
F16	09 Nov 2016	32	13.10	87.99	6.5	33.31	8.1	25.1	1.15
F16	09 Nov 2016	33	13.08	88.06	6.5	33.32	8.1	25.1	1.16
F16	09 Nov 2016	34	13.05	88.07	6.5	33.32	8.1	25.1	1.08
F16	09 Nov 2016	35	13.04	88.04	6.5	33.32	8.1	25.1	1.05
F16	09 Nov 2016	36	13.02	88.06	6.5	33.32	8.1	25.1	1.03
F16	09 Nov 2016	37	13.01	88.11	6.5	33.32	8.1	25.1	1.00
F16	09 Nov 2016	38	13.00	88.10	6.5	33.32	8.1	25.1	1.00
F16	09 Nov 2016	39	12.99	88.04	6.4	33.32	8.1	25.1	0.99
F16	09 Nov 2016	40	12.97	88.02	6.4	33.32	8.1	25.1	0.98
F16	09 Nov 2016	41	12.93	88.20	6.5	33.32	8.1	25.1	0.96
F16	09 Nov 2016	42	12.91	88.25	6.5	33.32	8.1	25.1	0.91
F16	09 Nov 2016	43	12.86	88.31	6.4	33.33	8.1	25.1	0.91
F16	09 Nov 2016	44	12.86	88.22	6.4	33.33	8.1	25.1	0.91
F16	09 Nov 2016	45	12.86	88.17	6.3	33.33	8.1	25.1	0.89
F16	09 Nov 2016	46	12.85	88.17	6.3	33.33	8.0	25.1	0.88
F16	09 Nov 2016	47	12.80	88.11	6.2	33.34	8.0	25.1	0.84
F16	09 Nov 2016	48	12.74	88.08	6.2	33.34	8.0	25.2	0.82
F16	09 Nov 2016	49	12.72	88.14	6.2	33.34	8.0	25.2	0.82
F16	09 Nov 2016	50	12.71	88.04	6.2	33.34	8.0	25.2	0.82
F16	09 Nov 2016	51	12.69	88.22	6.2	33.34	8.0	25.2	0.81
F16	09 Nov 2016	52	12.67	88.28	6.2	33.34	8.0	25.2	0.83
F16	09 Nov 2016	53	12.65	88.41	6.3	33.33	8.0	25.2	0.84
F16	09 Nov 2016	54	12.64	88.43	6.3	33.33	8.0	25.2	0.81
F16	09 Nov 2016	55	12.60	88.46	6.3	33.34	8.0	25.2	0.81

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F16	09 Nov 2016	56	12.60	88.52	6.3	33.34	8.0	25.2	0.80
F16	09 Nov 2016	57	12.58	88.61	6.3	33.34	8.0	25.2	0.78
F16	09 Nov 2016	58	12.57	88.57	6.2	33.34	8.0	25.2	0.75
F16	09 Nov 2016	59	12.56	88.59	6.2	33.34	8.0	25.2	0.73
F16	09 Nov 2016	60	12.55	88.45	6.2	33.35	8.0	25.2	0.70
F16	09 Nov 2016	61	12.55	88.47	6.2	33.35	8.0	25.2	0.70
F16	09 Nov 2016	62	12.51	88.48	6.1	33.35	8.0	25.2	0.70
F16	09 Nov 2016	63	12.47	88.38	6.1	33.35	8.0	25.2	0.69
F16	09 Nov 2016	64	12.46	88.38	6.1	33.35	8.0	25.2	0.66
F16	09 Nov 2016	65	12.40	88.39	6.0	33.36	8.0	25.2	0.62
F16	09 Nov 2016	66	12.39	88.42	6.0	33.36	8.0	25.2	0.59
F16	09 Nov 2016	67	12.39	88.42	6.0	33.36	8.0	25.2	0.58
F16	09 Nov 2016	68	12.38	88.36	6.0	33.37	8.0	25.2	0.58
F16	09 Nov 2016	69	12.35	88.26	6.0	33.37	8.0	25.3	0.58
F16	09 Nov 2016	70	12.35	88.34	6.0	33.37	8.0	25.3	0.55
F16	09 Nov 2016	71	12.34	88.29	6.0	33.37	8.0	25.3	0.53
F16	09 Nov 2016	72	12.30	88.33	5.9	33.37	8.0	25.3	0.53
F16	09 Nov 2016	73	12.23	88.20	5.9	33.38	8.0	25.3	0.51
F16	09 Nov 2016	74	12.19	88.03	5.8	33.38	8.0	25.3	0.49
F16	09 Nov 2016	75	12.11	87.30	5.8	33.38	8.0	25.3	0.46
F16	09 Nov 2016	76	12.01	86.96	5.7	33.39	8.0	25.3	0.44
F16	09 Nov 2016	77	12.02	87.14	5.7	33.39	8.0	25.3	0.43
F16	09 Nov 2016	78	11.71	86.98	5.6	33.42	8.0	25.4	0.39
F16	09 Nov 2016	79	11.63	86.52	5.5	33.42	8.0	25.4	0.36
F16	09 Nov 2016	80	11.75	85.11	5.5	33.41	8.0	25.4	0.37
F16	09 Nov 2016	81	11.46	80.44	5.3	33.46	8.0	25.5	0.36
F17	09 Nov 2016	1	18.25	83.75	8.8	33.23	8.3	23.9	0.49
F17	09 Nov 2016	2	18.21	85.65	8.8	33.37	8.3	24.0	0.52
F17	09 Nov 2016	3	18.13	86.08	8.9	33.37	8.3	24.0	0.55
F17	09 Nov 2016	4	18.11	86.13	9.0	33.37	8.3	24.0	0.61
F17	09 Nov 2016	5	18.03	85.29	9.1	33.36	8.3	24.0	0.65
F17	09 Nov 2016	6	17.88	85.91	9.4	33.36	8.3	24.0	0.79
F17	09 Nov 2016	7	17.78	85.64	9.7	33.35	8.3	24.1	1.11
F17	09 Nov 2016	8	17.22	84.60	9.6	33.36	8.3	24.2	1.97
F17	09 Nov 2016	9	16.26	83.19	8.8	33.34	8.3	24.4	3.32
F17	09 Nov 2016	10	15.48	84.66	8.3	33.28	8.3	24.5	3.03
F17	09 Nov 2016	11	15.34	85.51	8.2	33.25	8.3	24.6	2.77
F17	09 Nov 2016	12	15.15	85.50	8.1	33.25	8.2	24.6	2.82
F17	09 Nov 2016	13	14.78	85.25	8.0	33.23	8.2	24.7	3.20
F17	09 Nov 2016	14	14.37	85.21	7.9	33.22	8.2	24.7	3.44
F17	09 Nov 2016	15	14.03	85.30	7.7	33.20	8.2	24.8	3.68
F17	09 Nov 2016	16	13.79	85.29	7.6	33.21	8.2	24.8	4.44
F17	09 Nov 2016	17	13.57	84.91	7.5	33.21	8.2	24.9	5.06
F17	09 Nov 2016	18	13.49	85.36	7.4	33.21	8.2	24.9	4.25
F17	09 Nov 2016	19	13.47	86.26	7.2	33.22	8.2	24.9	3.20
F17	09 Nov 2016	20	13.42	87.33	7.0	33.26	8.2	25.0	2.07
F17	09 Nov 2016	21	13.38	87.41	7.0	33.26	8.1	25.0	1.56
F17	09 Nov 2016	22	13.36	87.64	6.8	33.27	8.1	25.0	1.40
F17	09 Nov 2016	23	13.20	87.76	6.7	33.30	8.1	25.0	1.28
F17	09 Nov 2016	24	13.09	87.89	6.6	33.31	8.1	25.1	1.20
F17	09 Nov 2016	25	12.99	88.01	6.5	33.31	8.1	25.1	1.11
F17	09 Nov 2016	26	12.99	88.05	6.6	33.31	8.1	25.1	1.06
F17	09 Nov 2016	27	12.98	88.03	6.6	33.31	8.1	25.1	1.01
F17	09 Nov 2016	28	12.98	88.01	6.5	33.31	8.1	25.1	1.00

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F17	09 Nov 2016	29	12.98	88.06	6.5	33.32	8.1	25.1	0.97
F17	09 Nov 2016	30	12.98	88.03	6.5	33.32	8.1	25.1	0.98
F17	09 Nov 2016	31	12.98	88.08	6.5	33.32	8.1	25.1	0.98
F17	09 Nov 2016	32	12.98	88.04	6.5	33.32	8.1	25.1	0.96
F17	09 Nov 2016	33	12.97	88.09	6.5	33.32	8.1	25.1	0.96
F17	09 Nov 2016	34	12.98	88.11	6.5	33.32	8.1	25.1	0.99
F17	09 Nov 2016	35	12.97	88.05	6.5	33.32	8.1	25.1	0.94
F17	09 Nov 2016	36	12.97	88.06	6.5	33.32	8.1	25.1	0.94
F17	09 Nov 2016	37	12.95	87.85	6.5	33.32	8.1	25.1	0.91
F17	09 Nov 2016	38	12.94	88.11	6.5	33.32	8.1	25.1	0.90
F17	09 Nov 2016	39	12.92	88.09	6.5	33.32	8.1	25.1	0.89
F17	09 Nov 2016	40	12.84	88.17	6.4	33.33	8.1	25.1	0.85
F17	09 Nov 2016	41	12.79	88.18	6.4	33.33	8.1	25.1	0.89
F17	09 Nov 2016	42	12.74	88.18	6.4	33.34	8.1	25.2	0.79
F17	09 Nov 2016	43	12.69	88.21	6.3	33.34	8.1	25.2	0.76
F17	09 Nov 2016	44	12.65	88.18	6.3	33.34	8.1	25.2	0.75
F17	09 Nov 2016	45	12.64	88.14	6.3	33.34	8.1	25.2	0.73
F17	09 Nov 2016	46	12.62	88.12	6.3	33.35	8.1	25.2	0.73
F17	09 Nov 2016	47	12.61	88.18	6.3	33.35	8.0	25.2	0.73
F17	09 Nov 2016	48	12.60	88.15	6.3	33.35	8.0	25.2	0.71
F17	09 Nov 2016	49	12.60	88.23	6.3	33.35	8.0	25.2	0.71
F17	09 Nov 2016	50	12.60	88.22	6.3	33.35	8.0	25.2	0.69
F17	09 Nov 2016	51	12.59	88.18	6.3	33.35	8.0	25.2	0.70
F17	09 Nov 2016	52	12.58	88.17	6.2	33.35	8.0	25.2	0.70
F17	09 Nov 2016	53	12.57	88.18	6.2	33.35	8.0	25.2	0.72
F17	09 Nov 2016	54	12.55	88.22	6.2	33.35	8.0	25.2	0.70
F17	09 Nov 2016	55	12.54	88.31	6.2	33.35	8.0	25.2	0.71
F17	09 Nov 2016	56	12.52	88.43	6.2	33.35	8.0	25.2	0.71
F17	09 Nov 2016	57	12.52	88.45	6.2	33.35	8.0	25.2	0.71
F17	09 Nov 2016	58	12.52	88.47	6.2	33.35	8.0	25.2	0.68
F17	09 Nov 2016	59	12.51	88.43	6.2	33.35	8.0	25.2	0.68
F17	09 Nov 2016	60	12.51	88.42	6.2	33.35	8.0	25.2	0.67
F17	09 Nov 2016	61	12.51	88.40	6.2	33.35	8.0	25.2	0.66
F17	09 Nov 2016	62	12.49	88.43	6.2	33.35	8.0	25.2	0.65
F17	09 Nov 2016	63	12.47	88.44	6.2	33.35	8.0	25.2	0.65
F17	09 Nov 2016	64	12.44	88.61	6.2	33.35	8.0	25.2	0.63
F17	09 Nov 2016	65	12.42	88.70	6.2	33.35	8.0	25.2	0.63
F17	09 Nov 2016	66	12.41	88.73	6.1	33.36	8.0	25.2	0.60
F17	09 Nov 2016	67	12.29	88.56	6.0	33.37	8.0	25.3	0.58
F17	09 Nov 2016	68	12.27	88.33	5.9	33.38	8.0	25.3	0.55
F17	09 Nov 2016	69	12.25	88.45	5.9	33.38	8.0	25.3	0.54
F17	09 Nov 2016	70	12.23	88.42	5.9	33.38	8.0	25.3	0.53
F17	09 Nov 2016	71	12.25	88.46	5.9	33.38	8.0	25.3	0.53
F17	09 Nov 2016	72	12.20	88.35	5.9	33.38	8.0	25.3	0.52
F17	09 Nov 2016	73	12.18	88.27	5.9	33.38	8.0	25.3	0.52
F17	09 Nov 2016	74	12.17	88.32	5.9	33.38	8.0	25.3	0.53
F17	09 Nov 2016	75	12.16	88.35	5.8	33.38	8.0	25.3	0.50
F17	09 Nov 2016	76	12.05	88.45	5.8	33.39	8.0	25.3	0.47
F17	09 Nov 2016	77	11.92	88.38	5.7	33.40	8.0	25.4	0.44
F17	09 Nov 2016	78	11.82	86.84	5.6	33.40	8.0	25.4	0.41
F17	09 Nov 2016	79	11.73	86.84	5.6	33.41	8.0	25.4	0.39
F17	09 Nov 2016	80	11.51	84.66	5.3	33.44	8.0	25.5	0.36
F17	09 Nov 2016	81	11.34	76.91	5.2	33.46	8.0	25.5	0.35
F18	09 Nov 2016	1	18.08	73.66	9.2	33.31	8.3	24.0	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F18	09 Nov 2016	2	18.03	81.29	9.4	33.36	8.3	24.0	0.50
F18	09 Nov 2016	3	17.92	85.84	9.5	33.35	8.3	24.0	0.58
F18	09 Nov 2016	4	17.89	85.98	9.5	33.35	8.3	24.0	0.74
F18	09 Nov 2016	5	17.86	85.54	9.5	33.35	8.3	24.0	1.16
F18	09 Nov 2016	6	17.83	84.74	9.6	33.35	8.3	24.0	1.76
F18	09 Nov 2016	7	17.82	84.18	9.5	33.35	8.3	24.1	2.37
F18	09 Nov 2016	8	17.70	84.13	9.3	33.35	8.3	24.1	2.76
F18	09 Nov 2016	9	17.07	84.24	9.4	33.34	8.3	24.2	3.54
F18	09 Nov 2016	10	16.69	83.82	9.3	33.31	8.3	24.3	4.07
F18	09 Nov 2016	11	16.28	83.49	9.1	33.30	8.3	24.4	4.39
F18	09 Nov 2016	12	16.00	83.79	8.8	33.29	8.3	24.4	4.20
F18	09 Nov 2016	13	15.72	84.55	8.5	33.27	8.3	24.5	3.79
F18	09 Nov 2016	14	15.42	84.81	8.3	33.26	8.3	24.5	3.51
F18	09 Nov 2016	15	15.26	84.93	8.1	33.25	8.2	24.6	3.13
F18	09 Nov 2016	16	14.95	85.60	7.9	33.24	8.2	24.6	2.92
F18	09 Nov 2016	17	14.73	85.75	7.8	33.23	8.2	24.7	2.83
F18	09 Nov 2016	18	14.55	85.85	7.7	33.22	8.2	24.7	2.75
F18	09 Nov 2016	19	14.09	86.06	7.6	33.21	8.2	24.8	2.80
F18	09 Nov 2016	20	13.81	86.17	7.5	33.20	8.2	24.8	3.01
F18	09 Nov 2016	21	13.73	86.03	7.4	33.20	8.2	24.9	3.21
F18	09 Nov 2016	22	13.36	86.35	7.1	33.23	8.2	24.9	2.68
F18	09 Nov 2016	23	13.27	87.69	6.8	33.27	8.2	25.0	1.86
F18	09 Nov 2016	24	13.27	87.36	6.7	33.29	8.1	25.0	1.48
F18	09 Nov 2016	25	13.19	87.51	6.7	33.30	8.1	25.0	1.31
F18	09 Nov 2016	26	13.13	87.85	6.7	33.30	8.1	25.0	1.20
F18	09 Nov 2016	27	13.07	88.00	6.7	33.30	8.1	25.1	1.10
F18	09 Nov 2016	28	13.06	88.13	6.7	33.31	8.1	25.1	1.03
F18	09 Nov 2016	29	13.04	88.23	6.6	33.31	8.1	25.1	1.01
F18	09 Nov 2016	30	13.01	88.14	6.5	33.31	8.1	25.1	1.03
F18	09 Nov 2016	31	12.97	87.99	6.5	33.32	8.1	25.1	1.00
F18	09 Nov 2016	32	12.93	88.13	6.5	33.32	8.1	25.1	1.01
F18	09 Nov 2016	33	12.86	88.29	6.5	33.32	8.1	25.1	1.02
F18	09 Nov 2016	34	12.83	88.31	6.4	33.32	8.1	25.1	1.01
F18	09 Nov 2016	35	12.71	88.33	6.4	33.33	8.1	25.2	0.99
F18	09 Nov 2016	36	12.62	88.43	6.3	33.34	8.1	25.2	0.93
F18	09 Nov 2016	37	12.59	88.56	6.3	33.34	8.1	25.2	0.83
F18	09 Nov 2016	38	12.57	88.68	6.3	33.34	8.1	25.2	0.81
F18	09 Nov 2016	39	12.53	88.70	6.2	33.34	8.1	25.2	0.76
F18	09 Nov 2016	40	12.51	88.64	6.2	33.34	8.1	25.2	0.74
F18	09 Nov 2016	41	12.51	88.65	6.2	33.35	8.1	25.2	0.72
F18	09 Nov 2016	42	12.51	88.63	6.2	33.35	8.0	25.2	0.70
F18	09 Nov 2016	43	12.51	88.61	6.2	33.35	8.0	25.2	0.69
F18	09 Nov 2016	44	12.50	88.56	6.2	33.35	8.0	25.2	0.68
F18	09 Nov 2016	45	12.49	88.43	6.2	33.35	8.0	25.2	0.69
F18	09 Nov 2016	46	12.46	88.24	6.1	33.35	8.0	25.2	0.66
F18	09 Nov 2016	47	12.45	88.02	6.1	33.35	8.0	25.2	0.65
F18	09 Nov 2016	48	12.43	87.96	6.1	33.35	8.0	25.2	0.61
F18	09 Nov 2016	49	12.41	88.21	6.2	33.35	8.0	25.2	0.62
F18	09 Nov 2016	50	12.40	88.36	6.2	33.35	8.0	25.2	0.59
F18	09 Nov 2016	51	12.39	88.39	6.2	33.35	8.0	25.2	0.60
F18	09 Nov 2016	52	12.32	88.58	6.1	33.36	8.0	25.3	0.59
F18	09 Nov 2016	53	12.30	88.76	6.1	33.37	8.0	25.3	0.60
F18	09 Nov 2016	54	12.26	88.62	6.0	33.38	8.0	25.3	0.57
F18	09 Nov 2016	55	12.22	88.17	5.9	33.38	8.0	25.3	0.56
F18	09 Nov 2016	56	12.21	88.17	5.9	33.39	8.0	25.3	0.55

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F18	09 Nov 2016	57	12.12	88.14	5.9	33.39	8.0	25.3	0.53
F18	09 Nov 2016	58	12.10	88.20	5.9	33.39	8.0	25.3	0.53
F18	09 Nov 2016	59	12.13	88.21	5.9	33.38	8.0	25.3	0.53
F18	09 Nov 2016	60	12.07	88.22	5.9	33.39	8.0	25.3	0.53
F18	09 Nov 2016	61	12.04	88.31	5.9	33.39	8.0	25.3	0.51
F18	09 Nov 2016	62	12.03	88.32	5.9	33.39	8.0	25.3	0.51
F18	09 Nov 2016	63	12.01	88.28	5.8	33.39	8.0	25.3	0.50
F18	09 Nov 2016	64	11.94	88.40	5.8	33.40	8.0	25.4	0.48
F18	09 Nov 2016	65	11.93	88.57	5.8	33.40	8.0	25.4	0.46
F18	09 Nov 2016	66	11.93	88.62	5.8	33.40	8.0	25.4	0.47
F18	09 Nov 2016	67	11.91	88.60	5.7	33.40	8.0	25.4	0.46
F18	09 Nov 2016	68	11.86	88.66	5.7	33.40	8.0	25.4	0.44
F18	09 Nov 2016	69	11.81	88.79	5.7	33.40	8.0	25.4	0.45
F18	09 Nov 2016	70	11.73	88.82	5.7	33.41	8.0	25.4	0.39
F18	09 Nov 2016	71	11.66	88.96	5.6	33.41	8.0	25.4	0.38
F18	09 Nov 2016	72	11.58	88.98	5.6	33.42	8.0	25.4	0.36
F18	09 Nov 2016	73	11.57	88.88	5.6	33.42	8.0	25.4	0.35
F18	09 Nov 2016	74	11.56	88.96	5.6	33.42	8.0	25.4	0.35
F18	09 Nov 2016	75	11.54	88.90	5.5	33.43	8.0	25.5	0.34
F18	09 Nov 2016	76	11.51	88.43	5.5	33.43	8.0	25.5	0.32
F18	09 Nov 2016	77	11.47	87.50	5.4	33.44	8.0	25.5	0.30
F18	09 Nov 2016	78	11.39	85.86	5.3	33.46	8.0	25.5	0.29
F18	09 Nov 2016	79	11.38	84.00	5.2	33.46	8.0	25.5	0.30
F18	09 Nov 2016	80	11.28	79.20	5.1	33.47	7.9	25.5	0.30
F18	09 Nov 2016	81	11.22	72.57	5.0	33.48	7.9	25.6	0.30
F19	09 Nov 2016	1	17.80	82.92	8.5	33.35	8.2	24.1	0.49
F19	09 Nov 2016	2	17.78	83.33	8.5	33.35	8.2	24.1	0.50
F19	09 Nov 2016	3	17.67	85.52	8.5	33.35	8.2	24.1	0.64
F19	09 Nov 2016	4	17.53	85.41	8.6	33.35	8.2	24.1	1.10
F19	09 Nov 2016	5	17.47	84.90	8.7	33.35	8.2	24.1	1.76
F19	09 Nov 2016	6	17.31	83.88	8.9	33.34	8.3	24.2	2.80
F19	09 Nov 2016	7	17.24	83.17	9.0	33.34	8.3	24.2	3.59
F19	09 Nov 2016	8	17.13	82.81	9.2	33.33	8.3	24.2	4.85
F19	09 Nov 2016	9	16.96	82.67	9.0	33.33	8.3	24.2	4.64
F19	09 Nov 2016	10	16.32	83.46	8.9	33.31	8.3	24.4	4.18
F19	09 Nov 2016	11	15.94	83.77	8.9	33.30	8.3	24.5	4.37
F19	09 Nov 2016	12	15.45	83.51	8.9	33.28	8.3	24.6	4.67
F19	09 Nov 2016	13	15.27	82.95	8.7	33.27	8.2	24.6	4.24
F19	09 Nov 2016	14	14.98	83.55	8.4	33.26	8.2	24.6	3.46
F19	09 Nov 2016	15	14.80	84.34	8.2	33.25	8.2	24.7	2.97
F19	09 Nov 2016	16	14.55	84.66	8.0	33.25	8.2	24.7	2.60
F19	09 Nov 2016	17	14.26	85.16	7.8	33.24	8.2	24.8	2.63
F19	09 Nov 2016	18	14.11	85.24	7.7	33.23	8.2	24.8	2.80
F19	09 Nov 2016	19	13.99	85.21	7.7	33.23	8.2	24.8	2.92
F19	09 Nov 2016	20	13.91	84.99	7.6	33.23	8.2	24.8	3.10
F19	09 Nov 2016	21	13.86	84.87	7.6	33.23	8.2	24.9	3.21
F19	09 Nov 2016	22	13.80	84.64	7.5	33.23	8.2	24.9	3.33
F19	09 Nov 2016	23	13.76	84.53	7.4	33.23	8.2	24.9	3.32
F19	09 Nov 2016	24	13.58	85.35	7.3	33.22	8.1	24.9	3.26
F19	09 Nov 2016	25	13.41	85.92	7.2	33.22	8.1	24.9	3.33
F19	09 Nov 2016	26	13.33	86.08	7.1	33.22	8.1	25.0	3.23
F19	09 Nov 2016	27	13.18	86.56	7.1	33.23	8.1	25.0	2.95
F19	09 Nov 2016	28	13.16	86.69	7.0	33.24	8.1	25.0	2.61
F19	09 Nov 2016	29	13.07	86.94	6.9	33.24	8.1	25.0	2.04

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F19	09 Nov 2016	30	12.96	87.85	6.8	33.26	8.1	25.1	1.59
F19	09 Nov 2016	31	12.88	88.46	6.7	33.29	8.1	25.1	1.22
F19	09 Nov 2016	32	12.85	88.41	6.7	33.30	8.1	25.1	1.03
F19	09 Nov 2016	33	12.84	88.84	6.6	33.31	8.1	25.1	0.88
F19	09 Nov 2016	34	12.80	88.97	6.6	33.32	8.1	25.1	0.82
F19	09 Nov 2016	35	12.78	89.01	6.6	33.33	8.1	25.1	0.91
F19	09 Nov 2016	36	12.74	88.94	6.5	33.33	8.1	25.2	0.81
F19	09 Nov 2016	37	12.69	88.93	6.5	33.35	8.1	25.2	0.77
F19	09 Nov 2016	38	12.62	89.01	6.4	33.35	8.1	25.2	0.75
F19	09 Nov 2016	39	12.58	88.89	6.4	33.36	8.1	25.2	0.74
F19	09 Nov 2016	40	12.56	88.82	6.3	33.36	8.1	25.2	0.72
F19	09 Nov 2016	41	12.52	88.62	6.3	33.36	8.1	25.2	0.69
F19	09 Nov 2016	42	12.46	88.71	6.2	33.36	8.1	25.2	0.67
F19	09 Nov 2016	43	12.44	88.53	6.2	33.37	8.1	25.2	0.66
F19	09 Nov 2016	44	12.42	88.58	6.2	33.37	8.0	25.2	0.65
F19	09 Nov 2016	45	12.37	88.63	6.2	33.37	8.0	25.3	0.64
F19	09 Nov 2016	46	12.29	88.54	6.1	33.37	8.0	25.3	0.60
F19	09 Nov 2016	47	12.27	88.55	6.1	33.37	8.0	25.3	0.58
F19	09 Nov 2016	48	12.26	88.57	6.1	33.37	8.0	25.3	0.59
F19	09 Nov 2016	49	12.22	88.59	6.1	33.38	8.0	25.3	0.59
F19	09 Nov 2016	50	12.21	88.64	6.0	33.37	8.0	25.3	0.58
F19	09 Nov 2016	51	12.14	88.80	6.0	33.38	8.0	25.3	0.57
F19	09 Nov 2016	52	12.08	88.84	5.9	33.39	8.0	25.3	0.57
F19	09 Nov 2016	53	12.00	88.78	5.8	33.40	8.0	25.3	0.52
F19	09 Nov 2016	54	11.90	88.90	5.7	33.41	8.0	25.4	0.49
F19	09 Nov 2016	55	11.83	88.90	5.7	33.41	8.0	25.4	0.47
F19	09 Nov 2016	56	11.79	88.92	5.6	33.42	8.0	25.4	0.44
F19	09 Nov 2016	57	11.77	88.94	5.6	33.42	8.0	25.4	0.43
F19	09 Nov 2016	58	11.74	88.93	5.6	33.42	8.0	25.4	0.42
F19	09 Nov 2016	59	11.72	88.95	5.6	33.42	8.0	25.4	0.42
F19	09 Nov 2016	60	11.66	88.90	5.6	33.42	8.0	25.4	0.40
F19	09 Nov 2016	61	11.62	88.95	5.6	33.42	8.0	25.4	0.38
F19	09 Nov 2016	62	11.62	88.92	5.6	33.42	8.0	25.4	0.38
F19	09 Nov 2016	63	11.61	88.96	5.6	33.42	8.0	25.4	0.37
F19	09 Nov 2016	64	11.61	88.96	5.6	33.42	8.0	25.4	0.37
F19	09 Nov 2016	65	11.58	88.97	5.6	33.42	8.0	25.4	0.36
F19	09 Nov 2016	66	11.55	88.96	5.5	33.43	8.0	25.5	0.35
F19	09 Nov 2016	67	11.55	89.00	5.5	33.43	8.0	25.4	0.35
F19	09 Nov 2016	68	11.49	88.97	5.5	33.43	8.0	25.5	0.33
F19	09 Nov 2016	69	11.43	88.91	5.5	33.44	8.0	25.5	0.33
F19	09 Nov 2016	70	11.41	88.97	5.5	33.44	8.0	25.5	0.33
F19	09 Nov 2016	71	11.38	89.00	5.5	33.44	8.0	25.5	0.32
F19	09 Nov 2016	72	11.34	89.04	5.4	33.45	8.0	25.5	0.32
F19	09 Nov 2016	73	11.31	88.81	5.4	33.45	8.0	25.5	0.30
F19	09 Nov 2016	74	11.23	88.78	5.3	33.47	8.0	25.5	0.30
F19	09 Nov 2016	75	11.20	88.40	5.2	33.47	7.9	25.6	0.29
F19	09 Nov 2016	76	11.19	84.92	5.1	33.48	7.9	25.6	0.28
F19	09 Nov 2016	77	11.22	81.63	5.1	33.47	7.9	25.5	0.28
F19	09 Nov 2016	78	11.19	80.57	5.1	33.48	7.9	25.6	0.27
F19	09 Nov 2016	79	11.18	79.93	5.0	33.48	7.9	25.6	0.27
F19	09 Nov 2016	80	11.17	79.02	5.0	33.49	7.9	25.6	0.27
F19	09 Nov 2016	81	11.17	78.05	5.0	33.49	7.9	25.6	0.27
F19	09 Nov 2016	82	11.16	78.03	5.0	33.49	7.9	25.6	0.28
F20	09 Nov 2016	1	18.09	86.19	8.3	33.37	8.2	24.0	0.50

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F20	09 Nov 2016	2	18.04	86.39	8.3	33.37	8.2	24.0	0.50
F20	09 Nov 2016	3	17.98	86.26	8.3	33.37	8.2	24.0	0.51
F20	09 Nov 2016	4	17.72	85.40	8.4	33.36	8.2	24.1	0.56
F20	09 Nov 2016	5	17.48	86.13	8.5	33.35	8.2	24.1	0.62
F20	09 Nov 2016	6	17.05	85.84	8.7	33.33	8.2	24.2	0.79
F20	09 Nov 2016	7	16.96	85.50	8.9	33.33	8.2	24.2	0.99
F20	09 Nov 2016	8	16.81	85.10	8.8	33.32	8.3	24.3	1.33
F20	09 Nov 2016	9	16.29	84.37	9.0	33.30	8.3	24.4	2.32
F20	09 Nov 2016	10	16.07	83.19	8.9	33.29	8.3	24.4	3.88
F20	09 Nov 2016	11	15.94	83.58	8.8	33.28	8.2	24.4	4.29
F20	09 Nov 2016	12	15.87	84.35	8.7	33.28	8.2	24.5	3.85
F20	09 Nov 2016	13	15.86	84.88	8.7	33.28	8.2	24.5	3.61
F20	09 Nov 2016	14	15.67	85.43	8.6	33.29	8.2	24.5	3.07
F20	09 Nov 2016	15	15.26	85.11	8.6	33.28	8.2	24.6	2.97
F20	09 Nov 2016	16	14.98	84.30	8.5	33.28	8.2	24.6	2.86
F20	09 Nov 2016	17	14.79	83.92	8.4	33.27	8.2	24.7	2.79
F20	09 Nov 2016	18	14.62	83.30	8.2	33.27	8.2	24.7	2.70
F20	09 Nov 2016	19	14.19	83.48	7.8	33.25	8.2	24.8	2.56
F20	09 Nov 2016	20	13.91	84.58	7.7	33.23	8.2	24.8	2.48
F20	09 Nov 2016	21	13.87	85.39	7.6	33.22	8.2	24.8	2.54
F20	09 Nov 2016	22	13.80	85.56	7.6	33.22	8.2	24.9	2.71
F20	09 Nov 2016	23	13.73	85.35	7.5	33.23	8.2	24.9	3.09
F20	09 Nov 2016	24	13.66	84.67	7.4	33.23	8.2	24.9	3.52
F20	09 Nov 2016	25	13.56	84.35	7.3	33.24	8.2	24.9	3.61
F20	09 Nov 2016	26	13.45	84.90	7.2	33.24	8.1	24.9	3.23
F20	09 Nov 2016	27	13.36	85.91	7.1	33.25	8.1	25.0	2.88
F20	09 Nov 2016	28	13.33	86.34	7.1	33.26	8.1	25.0	2.58
F20	09 Nov 2016	29	13.31	86.85	7.0	33.26	8.1	25.0	2.17
F20	09 Nov 2016	30	13.27	87.57	7.0	33.27	8.1	25.0	1.58
F20	09 Nov 2016	31	13.25	88.20	6.9	33.28	8.1	25.0	1.31
F20	09 Nov 2016	32	13.19	88.20	6.9	33.29	8.1	25.0	1.22
F20	09 Nov 2016	33	13.15	88.33	6.8	33.30	8.1	25.0	1.14
F20	09 Nov 2016	34	13.03	88.44	6.8	33.31	8.1	25.1	1.03
F20	09 Nov 2016	35	12.96	88.52	6.7	33.32	8.1	25.1	0.96
F20	09 Nov 2016	36	12.93	88.71	6.7	33.32	8.1	25.1	0.90
F20	09 Nov 2016	37	12.85	88.81	6.6	33.33	8.1	25.1	0.87
F20	09 Nov 2016	38	12.78	88.88	6.6	33.34	8.1	25.1	0.83
F20	09 Nov 2016	39	12.71	88.89	6.5	33.34	8.1	25.2	0.80
F20	09 Nov 2016	40	12.67	88.89	6.5	33.35	8.1	25.2	0.77
F20	09 Nov 2016	41	12.59	88.97	6.4	33.35	8.1	25.2	0.75
F20	09 Nov 2016	42	12.51	88.98	6.3	33.36	8.1	25.2	0.72
F20	09 Nov 2016	43	12.48	88.99	6.3	33.36	8.1	25.2	0.70
F20	09 Nov 2016	44	12.47	88.93	6.3	33.36	8.1	25.2	0.68
F20	09 Nov 2016	45	12.45	88.89	6.2	33.36	8.1	25.2	0.66
F20	09 Nov 2016	46	12.42	88.90	6.1	33.37	8.0	25.2	0.63
F20	09 Nov 2016	47	12.31	88.75	6.0	33.38	8.0	25.3	0.61
F20	09 Nov 2016	48	12.23	88.73	6.0	33.38	8.0	25.3	0.57
F20	09 Nov 2016	49	12.19	88.71	5.9	33.38	8.0	25.3	0.55
F20	09 Nov 2016	50	12.15	88.80	5.9	33.38	8.0	25.3	0.54
F20	09 Nov 2016	51	12.11	88.81	5.9	33.39	8.0	25.3	0.51
F20	09 Nov 2016	52	12.00	88.82	5.8	33.40	8.0	25.3	0.49
F20	09 Nov 2016	53	11.97	88.89	5.8	33.40	8.0	25.4	0.51
F20	09 Nov 2016	54	11.88	88.93	5.7	33.41	8.0	25.4	0.48
F20	09 Nov 2016	55	11.79	88.95	5.7	33.41	8.0	25.4	0.45
F20	09 Nov 2016	56	11.73	88.92	5.6	33.42	8.0	25.4	0.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F20	09 Nov 2016	57	11.66	88.91	5.6	33.42	8.0	25.4	0.39
F20	09 Nov 2016	58	11.65	88.95	5.6	33.42	8.0	25.4	0.40
F20	09 Nov 2016	59	11.62	89.01	5.6	33.42	8.0	25.4	0.40
F20	09 Nov 2016	60	11.57	89.01	5.6	33.42	8.0	25.4	0.36
F20	09 Nov 2016	61	11.55	89.00	5.6	33.42	8.0	25.4	0.36
F20	09 Nov 2016	62	11.53	89.05	5.6	33.42	8.0	25.5	0.34
F20	09 Nov 2016	63	11.47	89.08	5.5	33.43	8.0	25.5	0.33
F20	09 Nov 2016	64	11.46	89.09	5.5	33.43	8.0	25.5	0.35
F20	09 Nov 2016	65	11.45	89.06	5.5	33.44	8.0	25.5	0.34
F20	09 Nov 2016	66	11.34	89.08	5.5	33.45	8.0	25.5	0.33
F20	09 Nov 2016	67	11.31	89.11	5.4	33.45	8.0	25.5	0.33
F20	09 Nov 2016	68	11.31	89.10	5.4	33.45	8.0	25.5	0.32
F20	09 Nov 2016	69	11.31	89.13	5.5	33.45	8.0	25.5	0.32
F20	09 Nov 2016	70	11.31	89.12	5.4	33.45	8.0	25.5	0.32
F20	09 Nov 2016	71	11.30	89.12	5.4	33.45	8.0	25.5	0.32
F20	09 Nov 2016	72	11.28	88.98	5.4	33.45	8.0	25.5	0.32
F20	09 Nov 2016	73	11.24	88.64	5.3	33.47	8.0	25.5	0.30
F20	09 Nov 2016	74	11.20	87.31	5.2	33.48	7.9	25.6	0.29
F20	09 Nov 2016	75	11.19	84.56	5.2	33.48	7.9	25.6	0.27
F20	09 Nov 2016	76	11.17	83.31	5.1	33.48	7.9	25.6	0.27
F20	09 Nov 2016	77	11.18	83.23	5.1	33.48	7.9	25.6	0.27
F20	09 Nov 2016	78	11.15	81.99	5.1	33.49	7.9	25.6	0.27
F20	09 Nov 2016	79	11.13	77.82	5.0	33.49	7.9	25.6	0.26
F20	09 Nov 2016	80	11.13	76.84	5.0	33.49	7.9	25.6	0.27
F20	09 Nov 2016	81	11.10	72.81	5.0	33.50	7.9	25.6	0.28
F21	09 Nov 2016	1	17.96	85.97	8.3	33.37	8.2	24.0	0.44
F21	09 Nov 2016	2	17.87	86.15	8.3	33.37	8.2	24.1	0.46
F21	09 Nov 2016	3	17.85	86.34	8.3	33.36	8.2	24.1	0.49
F21	09 Nov 2016	4	17.63	86.43	8.5	33.35	8.2	24.1	0.52
F21	09 Nov 2016	5	17.25	86.27	8.6	33.34	8.2	24.2	0.55
F21	09 Nov 2016	6	16.70	86.09	8.8	33.33	8.3	24.3	0.71
F21	09 Nov 2016	7	16.14	85.42	8.8	33.31	8.3	24.4	0.95
F21	09 Nov 2016	8	15.82	85.23	8.6	33.29	8.2	24.5	1.32
F21	09 Nov 2016	9	15.42	84.90	8.6	33.26	8.2	24.5	1.91
F21	09 Nov 2016	10	15.27	85.13	8.5	33.26	8.2	24.6	2.28
F21	09 Nov 2016	11	15.09	85.21	8.4	33.25	8.2	24.6	2.19
F21	09 Nov 2016	12	14.82	85.47	8.4	33.25	8.2	24.7	2.09
F21	09 Nov 2016	13	14.69	85.47	8.3	33.25	8.2	24.7	2.27
F21	09 Nov 2016	14	14.51	84.25	8.3	33.26	8.2	24.7	3.11
F21	09 Nov 2016	15	14.44	83.39	8.2	33.26	8.2	24.7	3.78
F21	09 Nov 2016	16	14.30	82.13	8.1	33.25	8.2	24.8	3.77
F21	09 Nov 2016	17	14.16	82.19	8.0	33.26	8.2	24.8	3.86
F21	09 Nov 2016	18	14.15	82.17	7.9	33.26	8.2	24.8	4.03
F21	09 Nov 2016	19	14.04	81.70	7.7	33.27	8.2	24.8	4.06
F21	09 Nov 2016	20	13.90	81.60	7.6	33.27	8.2	24.9	4.28
F21	09 Nov 2016	21	13.85	81.38	7.4	33.27	8.2	24.9	4.67
F21	09 Nov 2016	22	13.57	81.14	7.1	33.28	8.2	24.9	4.49
F21	09 Nov 2016	23	13.45	83.01	7.0	33.29	8.1	25.0	3.59
F21	09 Nov 2016	24	13.40	84.67	6.8	33.29	8.1	25.0	2.81
F21	09 Nov 2016	25	13.33	86.28	6.8	33.30	8.1	25.0	2.15
F21	09 Nov 2016	26	13.23	86.87	6.7	33.30	8.1	25.0	1.77
F21	09 Nov 2016	27	13.12	87.53	6.7	33.31	8.1	25.1	1.49
F21	09 Nov 2016	28	13.11	87.82	6.7	33.31	8.1	25.1	1.33
F21	09 Nov 2016	29	13.05	88.09	6.6	33.32	8.1	25.1	1.16

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F21	09 Nov 2016	30	12.95	88.42	6.6	33.33	8.1	25.1	1.05
F21	09 Nov 2016	31	12.89	88.58	6.5	33.33	8.1	25.1	0.97
F21	09 Nov 2016	32	12.88	88.70	6.5	33.33	8.1	25.1	0.93
F21	09 Nov 2016	33	12.80	88.78	6.4	33.34	8.1	25.1	0.87
F21	09 Nov 2016	34	12.73	88.70	6.3	33.34	8.1	25.2	0.85
F21	09 Nov 2016	35	12.69	88.60	6.3	33.34	8.1	25.2	0.82
F21	09 Nov 2016	36	12.66	88.62	6.3	33.34	8.1	25.2	0.80
F21	09 Nov 2016	37	12.63	88.57	6.2	33.34	8.1	25.2	0.76
F21	09 Nov 2016	38	12.62	88.60	6.2	33.34	8.1	25.2	0.77
F21	09 Nov 2016	39	12.60	88.56	6.2	33.34	8.0	25.2	0.77
F21	09 Nov 2016	40	12.58	88.59	6.2	33.35	8.0	25.2	0.73
F21	09 Nov 2016	41	12.44	88.66	6.1	33.35	8.0	25.2	0.71
F21	09 Nov 2016	42	12.40	88.69	6.1	33.35	8.0	25.2	0.68
F21	09 Nov 2016	43	12.35	88.72	6.0	33.36	8.0	25.2	0.64
F21	09 Nov 2016	44	12.26	88.75	6.0	33.37	8.0	25.3	0.61
F21	09 Nov 2016	45	12.20	88.78	5.9	33.37	8.0	25.3	0.59
F21	09 Nov 2016	46	12.04	88.84	5.9	33.38	8.0	25.3	0.56
F21	09 Nov 2016	47	12.02	88.90	5.9	33.38	8.0	25.3	0.54
F21	09 Nov 2016	48	11.99	88.92	5.9	33.39	8.0	25.3	0.53
F21	09 Nov 2016	49	11.92	89.01	5.8	33.39	8.0	25.4	0.50
F21	09 Nov 2016	50	11.85	89.02	5.8	33.39	8.0	25.4	0.50
F21	09 Nov 2016	51	11.76	89.08	5.9	33.38	8.0	25.4	0.48
F21	09 Nov 2016	52	11.67	89.27	6.0	33.37	8.0	25.4	0.48
F21	09 Nov 2016	53	11.70	89.25	6.0	33.37	8.0	25.4	0.48
F21	09 Nov 2016	54	11.63	89.39	5.9	33.38	8.0	25.4	0.47
F21	09 Nov 2016	55	11.65	89.42	5.9	33.39	8.0	25.4	0.45
F21	09 Nov 2016	56	11.65	89.35	5.8	33.40	8.0	25.4	0.45
F21	09 Nov 2016	57	11.64	89.21	5.7	33.41	8.0	25.4	0.43
F21	09 Nov 2016	58	11.61	89.13	5.7	33.42	8.0	25.4	0.42
F21	09 Nov 2016	59	11.56	89.11	5.6	33.42	8.0	25.4	0.41
F21	09 Nov 2016	60	11.54	89.00	5.6	33.42	8.0	25.4	0.39
F21	09 Nov 2016	61	11.51	88.94	5.6	33.43	8.0	25.5	0.39
F21	09 Nov 2016	62	11.49	89.11	5.6	33.43	8.0	25.5	0.38
F21	09 Nov 2016	63	11.44	89.11	5.5	33.43	8.0	25.5	0.37
F21	09 Nov 2016	64	11.36	88.92	5.5	33.44	8.0	25.5	0.36
F21	09 Nov 2016	65	11.35	89.10	5.5	33.44	8.0	25.5	0.36
F21	09 Nov 2016	66	11.31	89.11	5.4	33.45	8.0	25.5	0.34
F21	09 Nov 2016	67	11.28	89.01	5.4	33.45	8.0	25.5	0.34
F21	09 Nov 2016	68	11.24	89.05	5.3	33.46	8.0	25.5	0.33
F21	09 Nov 2016	69	11.19	88.34	5.2	33.48	8.0	25.6	0.31
F21	09 Nov 2016	70	11.16	86.84	5.2	33.48	7.9	25.6	0.30
F21	09 Nov 2016	71	11.14	85.65	5.2	33.48	7.9	25.6	0.29
F21	09 Nov 2016	72	11.14	86.56	5.2	33.48	7.9	25.6	0.30
F21	09 Nov 2016	73	11.13	87.95	5.2	33.48	7.9	25.6	0.30
F21	09 Nov 2016	74	11.10	87.85	5.2	33.49	7.9	25.6	0.30
F21	09 Nov 2016	75	11.09	87.01	5.2	33.49	7.9	25.6	0.30
F21	09 Nov 2016	76	11.09	83.61	5.1	33.49	7.9	25.6	0.30
F21	09 Nov 2016	77	11.09	85.07	5.1	33.49	7.9	25.6	0.30
F21	09 Nov 2016	78	11.09	82.94	5.1	33.50	7.9	25.6	0.29
F21	09 Nov 2016	79	11.09	81.16	5.0	33.50	7.9	25.6	0.28
F21	09 Nov 2016	80	11.09	79.40	5.0	33.50	7.9	25.6	0.28
F21	09 Nov 2016	81	11.08	78.08	5.0	33.50	7.9	25.6	0.29
F21	09 Nov 2016	82	11.08	72.71	5.0	33.50	7.9	25.6	0.30
F21	09 Nov 2016	83	11.08	69.62	5.0	33.50	7.9	25.6	0.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F22	09 Nov 2016	1	18.02	86.82	8.3	33.38	8.2	24.0	0.45
F22	09 Nov 2016	2	17.97	86.68	8.3	33.38	8.2	24.0	0.46
F22	09 Nov 2016	3	17.87	86.55	8.2	33.38	8.2	24.1	0.47
F22	09 Nov 2016	4	17.48	86.47	8.5	33.36	8.2	24.1	0.49
F22	09 Nov 2016	5	16.98	86.24	8.7	33.33	8.2	24.2	0.53
F22	09 Nov 2016	6	16.60	85.99	8.7	33.32	8.2	24.3	0.59
F22	09 Nov 2016	7	15.92	85.77	8.6	33.30	8.2	24.5	0.77
F22	09 Nov 2016	8	15.62	85.67	8.6	33.28	8.2	24.5	1.01
F22	09 Nov 2016	9	15.52	85.56	8.6	33.27	8.2	24.5	1.36
F22	09 Nov 2016	10	15.47	85.57	8.6	33.27	8.2	24.5	1.48
F22	09 Nov 2016	11	15.38	85.59	8.5	33.27	8.2	24.6	1.65
F22	09 Nov 2016	12	14.92	85.57	8.4	33.27	8.2	24.7	1.86
F22	09 Nov 2016	13	14.54	84.73	8.4	33.25	8.2	24.7	2.17
F22	09 Nov 2016	14	14.39	83.99	8.3	33.24	8.2	24.7	2.72
F22	09 Nov 2016	15	14.33	83.37	8.2	33.24	8.2	24.8	3.48
F22	09 Nov 2016	16	14.29	82.27	8.1	33.24	8.2	24.8	4.30
F22	09 Nov 2016	17	14.16	80.44	8.0	33.25	8.2	24.8	5.48
F22	09 Nov 2016	18	14.09	79.72	7.8	33.25	8.2	24.8	5.99
F22	09 Nov 2016	19	14.05	80.57	7.8	33.26	8.2	24.8	6.06
F22	09 Nov 2016	20	13.99	81.26	7.6	33.26	8.2	24.8	6.02
F22	09 Nov 2016	21	13.81	81.66	7.3	33.27	8.2	24.9	5.70
F22	09 Nov 2016	22	13.60	81.87	7.2	33.28	8.2	24.9	4.82
F22	09 Nov 2016	23	13.39	83.74	7.0	33.27	8.1	25.0	3.65
F22	09 Nov 2016	24	13.37	86.19	7.1	33.27	8.1	25.0	2.86
F22	09 Nov 2016	25	13.31	86.74	7.0	33.27	8.1	25.0	2.48
F22	09 Nov 2016	26	13.24	87.09	6.8	33.28	8.1	25.0	2.09
F22	09 Nov 2016	27	13.16	87.33	6.7	33.30	8.1	25.0	1.76
F22	09 Nov 2016	28	13.06	87.88	6.6	33.30	8.1	25.1	1.53
F22	09 Nov 2016	29	12.96	88.10	6.6	33.30	8.1	25.1	1.40
F22	09 Nov 2016	30	12.95	88.12	6.6	33.30	8.1	25.1	1.31
F22	09 Nov 2016	31	12.94	88.17	6.6	33.30	8.1	25.1	1.28
F22	09 Nov 2016	32	12.93	88.11	6.5	33.31	8.1	25.1	1.23
F22	09 Nov 2016	33	12.85	88.17	6.5	33.32	8.1	25.1	1.18
F22	09 Nov 2016	34	12.76	88.29	6.5	33.31	8.1	25.1	1.14
F22	09 Nov 2016	35	12.69	88.51	6.6	33.31	8.1	25.1	1.10
F22	09 Nov 2016	36	12.64	88.73	6.6	33.31	8.1	25.2	1.00
F22	09 Nov 2016	37	12.55	88.92	6.5	33.31	8.1	25.2	0.93
F22	09 Nov 2016	38	12.42	89.00	6.5	33.32	8.1	25.2	0.83
F22	09 Nov 2016	39	12.40	89.11	6.5	33.32	8.1	25.2	0.80
F22	09 Nov 2016	40	12.34	89.12	6.4	33.32	8.1	25.2	0.76
F22	09 Nov 2016	41	12.30	89.12	6.3	33.33	8.1	25.2	0.73
F22	09 Nov 2016	42	12.28	89.10	6.3	33.33	8.0	25.2	0.71
F22	09 Nov 2016	43	12.28	89.07	6.3	33.34	8.0	25.2	0.69
F22	09 Nov 2016	44	12.25	89.00	6.2	33.35	8.0	25.3	0.66
F22	09 Nov 2016	45	12.16	88.97	6.1	33.35	8.0	25.3	0.62
F22	09 Nov 2016	46	12.07	89.00	6.0	33.36	8.0	25.3	0.59
F22	09 Nov 2016	47	11.98	89.03	6.0	33.37	8.0	25.3	0.56
F22	09 Nov 2016	48	11.92	89.15	6.0	33.37	8.0	25.3	0.56
F22	09 Nov 2016	49	11.84	89.20	6.0	33.38	8.0	25.4	0.52
F22	09 Nov 2016	50	11.78	89.18	5.9	33.38	8.0	25.4	0.49
F22	09 Nov 2016	51	11.77	89.14	5.8	33.39	8.0	25.4	0.45
F22	09 Nov 2016	52	11.75	89.00	5.8	33.39	8.0	25.4	0.44
F22	09 Nov 2016	53	11.70	89.04	5.7	33.40	8.0	25.4	0.42
F22	09 Nov 2016	54	11.66	89.06	5.7	33.41	8.0	25.4	0.41
F22	09 Nov 2016	55	11.61	89.06	5.6	33.41	8.0	25.4	0.40

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F22	09 Nov 2016	56	11.54	89.06	5.6	33.42	8.0	25.4	0.38
F22	09 Nov 2016	57	11.48	89.05	5.5	33.43	8.0	25.5	0.37
F22	09 Nov 2016	58	11.42	89.03	5.5	33.44	8.0	25.5	0.35
F22	09 Nov 2016	59	11.40	88.99	5.5	33.44	8.0	25.5	0.35
F22	09 Nov 2016	60	11.38	88.94	5.5	33.44	8.0	25.5	0.35
F22	09 Nov 2016	61	11.38	88.83	5.4	33.44	8.0	25.5	0.34
F22	09 Nov 2016	62	11.32	88.20	5.3	33.46	8.0	25.5	0.33
F22	09 Nov 2016	63	11.31	86.77	5.3	33.46	8.0	25.5	0.32
F22	09 Nov 2016	64	11.28	85.50	5.3	33.46	8.0	25.5	0.31
F22	09 Nov 2016	65	11.27	85.09	5.2	33.47	7.9	25.5	0.31
F22	09 Nov 2016	66	11.24	84.88	5.2	33.47	7.9	25.5	0.31
F22	09 Nov 2016	67	11.22	84.62	5.2	33.47	7.9	25.5	0.30
F22	09 Nov 2016	68	11.22	84.35	5.2	33.47	7.9	25.5	0.30
F22	09 Nov 2016	69	11.22	84.50	5.2	33.47	7.9	25.5	0.30
F22	09 Nov 2016	70	11.21	84.42	5.2	33.48	7.9	25.6	0.30
F22	09 Nov 2016	71	11.19	84.40	5.2	33.48	7.9	25.6	0.30
F22	09 Nov 2016	72	11.17	84.47	5.1	33.48	7.9	25.6	0.30
F22	09 Nov 2016	73	11.12	84.67	5.1	33.49	7.9	25.6	0.30
F22	09 Nov 2016	74	11.11	84.63	5.1	33.49	7.9	25.6	0.30
F22	09 Nov 2016	75	11.11	84.22	5.1	33.49	7.9	25.6	0.29
F22	09 Nov 2016	76	11.10	83.81	5.1	33.49	7.9	25.6	0.30
F22	09 Nov 2016	77	11.10	82.89	5.1	33.49	7.9	25.6	0.30
F22	09 Nov 2016	78	11.09	81.29	5.1	33.49	7.9	25.6	0.30
F22	09 Nov 2016	79	11.09	80.78	5.1	33.49	7.9	25.6	0.30
F22	09 Nov 2016	80	11.09	80.31	5.1	33.49	7.9	25.6	0.30
F23	09 Nov 2016	1	17.36	86.92	8.4	33.34	8.2	24.2	0.43
F23	09 Nov 2016	2	17.21	86.80	8.4	33.34	8.2	24.2	0.44
F23	09 Nov 2016	3	16.90	86.59	8.5	33.33	8.2	24.3	0.48
F23	09 Nov 2016	4	16.63	86.44	8.6	33.32	8.2	24.3	0.52
F23	09 Nov 2016	5	16.50	86.35	8.6	33.31	8.2	24.3	0.60
F23	09 Nov 2016	6	16.39	86.13	8.6	33.31	8.2	24.4	0.67
F23	09 Nov 2016	7	16.24	86.07	8.7	33.30	8.2	24.4	0.76
F23	09 Nov 2016	8	16.18	85.86	8.7	33.30	8.2	24.4	0.89
F23	09 Nov 2016	9	16.00	85.70	8.6	33.30	8.2	24.4	1.13
F23	09 Nov 2016	10	15.80	85.54	8.6	33.29	8.2	24.5	1.45
F23	09 Nov 2016	11	15.70	85.36	8.6	33.28	8.2	24.5	1.78
F23	09 Nov 2016	12	15.52	85.04	8.5	33.28	8.2	24.5	2.15
F23	09 Nov 2016	13	15.00	84.00	8.5	33.29	8.2	24.7	2.13
F23	09 Nov 2016	14	14.62	82.90	8.5	33.27	8.2	24.7	2.06
F23	09 Nov 2016	15	14.54	82.63	8.3	33.27	8.2	24.7	2.14
F23	09 Nov 2016	16	14.44	82.42	8.2	33.27	8.2	24.8	2.38
F23	09 Nov 2016	17	14.34	82.33	8.0	33.27	8.2	24.8	2.65
F23	09 Nov 2016	18	14.10	82.08	7.8	33.27	8.2	24.8	3.13
F23	09 Nov 2016	19	14.00	80.12	7.7	33.27	8.2	24.9	4.16
F23	09 Nov 2016	20	13.89	77.99	7.6	33.27	8.2	24.9	5.60
F23	09 Nov 2016	21	13.83	78.01	7.4	33.27	8.2	24.9	6.24
F23	09 Nov 2016	22	13.70	79.04	7.2	33.27	8.1	24.9	5.38
F23	09 Nov 2016	23	13.45	81.64	7.0	33.28	8.1	25.0	3.88
F23	09 Nov 2016	24	13.25	85.40	6.8	33.28	8.1	25.0	2.81
F23	09 Nov 2016	25	13.17	87.39	6.8	33.28	8.1	25.0	2.04
F23	09 Nov 2016	26	13.23	87.71	6.9	33.27	8.1	25.0	1.91
F23	09 Nov 2016	27	13.12	87.82	6.8	33.28	8.1	25.0	1.78
F23	09 Nov 2016	28	13.09	87.92	6.8	33.28	8.1	25.0	1.59
F23	09 Nov 2016	29	13.08	87.96	6.8	33.28	8.1	25.0	1.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F23	09 Nov 2016	30	12.97	88.10	6.8	33.29	8.1	25.1	1.37
F23	09 Nov 2016	31	12.91	88.16	6.7	33.29	8.1	25.1	1.30
F23	09 Nov 2016	32	12.86	88.31	6.6	33.30	8.1	25.1	1.24
F23	09 Nov 2016	33	12.82	88.31	6.6	33.30	8.1	25.1	1.26
F23	09 Nov 2016	34	12.68	88.48	6.6	33.31	8.1	25.1	1.09
F23	09 Nov 2016	35	12.68	88.70	6.5	33.30	8.1	25.1	1.01
F23	09 Nov 2016	36	12.59	88.74	6.4	33.31	8.1	25.2	0.94
F23	09 Nov 2016	37	12.40	88.84	6.4	33.33	8.1	25.2	0.84
F23	09 Nov 2016	38	12.31	88.99	6.3	33.33	8.1	25.2	0.77
F23	09 Nov 2016	39	12.27	89.00	6.2	33.34	8.1	25.2	0.71
F23	09 Nov 2016	40	12.23	88.99	6.2	33.34	8.0	25.3	0.67
F23	09 Nov 2016	41	12.27	88.98	6.2	33.34	8.0	25.2	0.68
F23	09 Nov 2016	42	12.20	89.05	6.2	33.35	8.0	25.3	0.64
F23	09 Nov 2016	43	12.09	89.09	6.2	33.35	8.0	25.3	0.60
F23	09 Nov 2016	44	12.07	89.12	6.1	33.35	8.0	25.3	0.58
F23	09 Nov 2016	45	12.05	89.12	6.1	33.36	8.0	25.3	0.56
F23	09 Nov 2016	46	12.02	89.08	6.0	33.36	8.0	25.3	0.55
F23	09 Nov 2016	47	12.05	89.05	6.0	33.36	8.0	25.3	0.55
F23	09 Nov 2016	48	11.96	89.03	6.0	33.38	8.0	25.3	0.53
F23	09 Nov 2016	49	11.91	89.02	5.9	33.38	8.0	25.3	0.50
F23	09 Nov 2016	50	11.90	88.96	5.9	33.38	8.0	25.3	0.49
F23	09 Nov 2016	51	11.90	89.03	5.9	33.38	8.0	25.3	0.48
F23	09 Nov 2016	52	11.83	89.03	5.8	33.39	8.0	25.4	0.47
F23	09 Nov 2016	53	11.76	89.05	5.8	33.40	8.0	25.4	0.44
F23	09 Nov 2016	54	11.70	89.04	5.7	33.40	8.0	25.4	0.44
F23	09 Nov 2016	55	11.67	89.00	5.7	33.40	8.0	25.4	0.42
F23	09 Nov 2016	56	11.63	89.00	5.6	33.41	8.0	25.4	0.40
F23	09 Nov 2016	57	11.56	87.69	5.6	33.42	8.0	25.4	0.45
F23	09 Nov 2016	58	11.53	85.55	5.5	33.43	8.0	25.5	0.37
F23	09 Nov 2016	59	11.45	85.65	5.5	33.44	8.0	25.5	0.36
F23	09 Nov 2016	60	11.42	87.62	5.5	33.44	8.0	25.5	0.35
F23	09 Nov 2016	61	11.40	88.48	5.4	33.44	8.0	25.5	0.35
F23	09 Nov 2016	62	11.39	88.75	5.4	33.44	8.0	25.5	0.35
F23	09 Nov 2016	63	11.39	88.54	5.4	33.44	8.0	25.5	0.34
F23	09 Nov 2016	64	11.40	87.83	5.4	33.45	8.0	25.5	0.34
F23	09 Nov 2016	65	11.40	86.40	5.3	33.45	8.0	25.5	0.34
F23	09 Nov 2016	66	11.40	85.45	5.3	33.45	8.0	25.5	0.34
F23	09 Nov 2016	67	11.39	85.22	5.3	33.45	8.0	25.5	0.34
F23	09 Nov 2016	68	11.33	84.52	5.3	33.46	7.9	25.5	0.33
F23	09 Nov 2016	69	11.33	84.04	5.2	33.46	7.9	25.5	0.35
F23	09 Nov 2016	70	11.24	83.85	5.2	33.47	7.9	25.5	0.32
F23	09 Nov 2016	71	11.22	83.78	5.2	33.47	7.9	25.5	0.32
F23	09 Nov 2016	72	11.21	83.74	5.2	33.47	7.9	25.5	0.31
F23	09 Nov 2016	73	11.18	83.58	5.1	33.48	7.9	25.6	0.32
F23	09 Nov 2016	74	11.17	83.48	5.1	33.48	7.9	25.6	0.31
F23	09 Nov 2016	75	11.17	82.69	5.1	33.48	7.9	25.6	0.31
F23	09 Nov 2016	76	11.16	81.99	5.1	33.48	7.9	25.6	0.31
F23	09 Nov 2016	77	11.16	81.83	5.1	33.48	7.9	25.6	0.30
F23	09 Nov 2016	78	11.16	81.84	5.1	33.48	7.9	25.6	0.31
F23	09 Nov 2016	79	11.16	81.97	5.1	33.48	7.9	25.6	0.31
F23	09 Nov 2016	80	11.16	81.91	5.1	33.48	7.9	25.6	0.31
F23	09 Nov 2016	81	11.16	81.09	5.1	33.48	7.9	25.6	0.31
F23	09 Nov 2016	82	11.16	80.13	5.1	33.48	7.9	25.6	0.31
F24	09 Nov 2016	1	17.15	86.12	8.5	33.33	8.2	24.2	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	09 Nov 2016	2	17.11	86.71	8.5	33.33	8.2	24.2	0.46
F24	09 Nov 2016	3	16.86	86.71	8.6	33.32	8.2	24.3	0.47
F24	09 Nov 2016	4	16.79	86.67	8.6	33.32	8.2	24.3	0.52
F24	09 Nov 2016	5	16.76	86.55	8.6	33.32	8.2	24.3	0.57
F24	09 Nov 2016	6	16.73	86.44	8.6	33.32	8.2	24.3	0.60
F24	09 Nov 2016	7	16.72	86.45	8.6	33.31	8.2	24.3	0.65
F24	09 Nov 2016	8	16.69	86.45	8.5	33.32	8.2	24.3	0.71
F24	09 Nov 2016	9	16.00	85.81	8.5	33.31	8.2	24.4	0.91
F24	09 Nov 2016	10	15.57	85.16	8.6	33.30	8.2	24.5	1.30
F24	09 Nov 2016	11	15.41	84.26	8.5	33.29	8.2	24.6	1.64
F24	09 Nov 2016	12	14.97	83.70	8.5	33.28	8.2	24.7	1.95
F24	09 Nov 2016	13	14.83	83.20	8.5	33.27	8.2	24.7	2.13
F24	09 Nov 2016	14	14.61	82.92	8.4	33.27	8.2	24.7	2.24
F24	09 Nov 2016	15	14.44	82.44	8.4	33.26	8.2	24.8	2.45
F24	09 Nov 2016	16	14.39	82.46	8.4	33.26	8.2	24.8	2.70
F24	09 Nov 2016	17	14.34	82.40	8.2	33.27	8.2	24.8	2.99
F24	09 Nov 2016	18	14.11	81.89	8.0	33.27	8.2	24.8	3.45
F24	09 Nov 2016	19	14.06	80.64	8.0	33.27	8.2	24.8	4.08
F24	09 Nov 2016	20	14.02	80.01	7.9	33.27	8.2	24.8	4.58
F24	09 Nov 2016	21	13.99	79.58	7.8	33.27	8.2	24.9	5.05
F24	09 Nov 2016	22	13.93	79.59	7.6	33.27	8.2	24.9	5.18
F24	09 Nov 2016	23	13.73	80.82	7.4	33.27	8.1	24.9	4.78
F24	09 Nov 2016	24	13.58	83.93	7.2	33.27	8.1	24.9	3.76
F24	09 Nov 2016	25	13.56	84.60	7.2	33.27	8.1	24.9	3.20
F24	09 Nov 2016	26	13.46	85.37	7.1	33.28	8.1	25.0	2.68
F24	09 Nov 2016	27	13.42	85.84	7.0	33.28	8.1	25.0	2.40
F24	09 Nov 2016	28	13.41	86.24	7.0	33.28	8.1	25.0	2.28
F24	09 Nov 2016	29	13.34	86.34	6.9	33.28	8.1	25.0	2.06
F24	09 Nov 2016	30	13.13	86.63	6.9	33.28	8.1	25.0	1.81
F24	09 Nov 2016	31	13.13	87.53	6.9	33.28	8.1	25.0	1.69
F24	09 Nov 2016	32	13.09	87.70	6.8	33.28	8.1	25.0	1.66
F24	09 Nov 2016	33	13.04	87.74	6.8	33.28	8.1	25.1	1.53
F24	09 Nov 2016	34	13.00	87.85	6.8	33.29	8.1	25.1	1.51
F24	09 Nov 2016	35	12.93	88.01	6.7	33.29	8.1	25.1	1.34
F24	09 Nov 2016	36	12.89	88.25	6.7	33.30	8.1	25.1	1.24
F24	09 Nov 2016	37	12.86	88.42	6.6	33.30	8.1	25.1	1.18
F24	09 Nov 2016	38	12.78	88.53	6.5	33.31	8.1	25.1	1.09
F24	09 Nov 2016	39	12.74	88.53	6.5	33.31	8.1	25.1	0.99
F24	09 Nov 2016	40	12.73	88.62	6.5	33.31	8.1	25.1	0.95
F24	09 Nov 2016	41	12.70	88.68	6.4	33.32	8.0	25.1	0.91
F24	09 Nov 2016	42	12.63	88.75	6.4	33.33	8.0	25.2	0.84
F24	09 Nov 2016	43	12.59	88.79	6.3	33.33	8.0	25.2	0.77
F24	09 Nov 2016	44	12.51	88.85	6.2	33.34	8.0	25.2	0.71
F24	09 Nov 2016	45	12.50	88.88	6.2	33.34	8.0	25.2	0.69
F24	09 Nov 2016	46	12.47	88.88	6.2	33.35	8.0	25.2	0.67
F24	09 Nov 2016	47	12.42	88.85	6.1	33.34	8.0	25.2	0.64
F24	09 Nov 2016	48	12.38	88.79	6.1	33.35	8.0	25.2	0.61
F24	09 Nov 2016	49	12.31	88.88	6.1	33.35	8.0	25.3	0.59
F24	09 Nov 2016	50	12.19	89.01	6.0	33.36	8.0	25.3	0.56
F24	09 Nov 2016	51	12.09	88.88	6.0	33.37	8.0	25.3	0.53
F24	09 Nov 2016	52	12.07	87.94	5.9	33.38	8.0	25.3	0.52
F24	09 Nov 2016	53	12.02	87.10	5.8	33.38	8.0	25.3	0.48
F24	09 Nov 2016	54	12.00	85.70	5.8	33.38	8.0	25.3	0.47
F24	09 Nov 2016	55	11.97	82.79	5.7	33.38	8.0	25.3	0.45
F24	09 Nov 2016	56	11.95	81.06	5.7	33.38	8.0	25.3	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F24	09 Nov 2016	57	11.89	81.37	5.7	33.39	8.0	25.4	0.40
F24	09 Nov 2016	58	11.83	80.79	5.6	33.40	8.0	25.4	0.39
F24	09 Nov 2016	59	11.74	80.94	5.6	33.41	8.0	25.4	0.38
F24	09 Nov 2016	60	11.73	81.15	5.5	33.40	8.0	25.4	0.36
F24	09 Nov 2016	61	11.63	80.65	5.5	33.41	8.0	25.4	0.35
F24	09 Nov 2016	62	11.61	81.69	5.5	33.42	8.0	25.4	0.36
F24	09 Nov 2016	63	11.60	83.61	5.5	33.42	8.0	25.4	0.35
F24	09 Nov 2016	64	11.57	84.85	5.5	33.43	8.0	25.4	0.36
F24	09 Nov 2016	65	11.54	86.67	5.5	33.43	8.0	25.5	0.36
F24	09 Nov 2016	66	11.50	87.70	5.5	33.43	8.0	25.5	0.35
F24	09 Nov 2016	67	11.49	87.38	5.4	33.44	8.0	25.5	0.34
F24	09 Nov 2016	68	11.47	86.33	5.4	33.44	7.9	25.5	0.33
F24	09 Nov 2016	69	11.46	86.83	5.4	33.44	7.9	25.5	0.34
F24	09 Nov 2016	70	11.44	87.40	5.4	33.44	7.9	25.5	0.33
F24	09 Nov 2016	71	11.43	87.54	5.4	33.44	7.9	25.5	0.33
F24	09 Nov 2016	72	11.40	87.80	5.4	33.44	7.9	25.5	0.33
F24	09 Nov 2016	73	11.38	88.06	5.4	33.45	7.9	25.5	0.33
F24	09 Nov 2016	74	11.33	87.62	5.3	33.45	7.9	25.5	0.36
F24	09 Nov 2016	75	11.29	86.89	5.3	33.46	7.9	25.5	0.31
F24	09 Nov 2016	76	11.28	85.49	5.3	33.46	7.9	25.5	0.30
F24	09 Nov 2016	77	11.28	85.18	5.3	33.46	7.9	25.5	0.30
F24	09 Nov 2016	78	11.27	84.70	5.2	33.46	7.9	25.5	0.29
F24	09 Nov 2016	79	11.27	84.42	5.2	33.46	7.9	25.5	0.30
F24	09 Nov 2016	80	11.23	84.38	5.2	33.47	7.9	25.5	0.30
F24	09 Nov 2016	81	11.16	81.26	5.2	33.48	7.9	25.6	0.30
F25	09 Nov 2016	1	17.07	86.81	8.5	33.34	8.2	24.2	0.47
F25	09 Nov 2016	2	17.04	86.81	8.5	33.34	8.2	24.2	0.48
F25	09 Nov 2016	3	17.01	86.81	8.5	33.34	8.2	24.2	0.49
F25	09 Nov 2016	4	17.00	86.78	8.5	33.34	8.2	24.2	0.50
F25	09 Nov 2016	5	16.99	86.70	8.5	33.33	8.2	24.2	0.53
F25	09 Nov 2016	6	16.95	86.97	8.5	33.33	8.2	24.2	0.61
F25	09 Nov 2016	7	16.86	86.93	8.5	33.33	8.2	24.3	0.72
F25	09 Nov 2016	8	16.73	86.58	8.6	33.33	8.2	24.3	0.95
F25	09 Nov 2016	9	16.64	86.34	8.6	33.32	8.2	24.3	1.14
F25	09 Nov 2016	10	16.53	85.98	8.6	33.32	8.2	24.3	1.33
F25	09 Nov 2016	11	16.47	85.82	8.7	33.31	8.2	24.3	1.57
F25	09 Nov 2016	12	16.41	85.70	8.7	33.31	8.2	24.4	1.86
F25	09 Nov 2016	13	16.41	85.59	8.7	33.31	8.2	24.4	1.90
F25	09 Nov 2016	14	16.39	85.44	8.6	33.31	8.2	24.4	2.02
F25	09 Nov 2016	15	16.14	85.30	8.5	33.31	8.2	24.4	2.39
F25	09 Nov 2016	16	15.51	84.86	8.5	33.30	8.2	24.6	2.82
F25	09 Nov 2016	17	15.02	84.37	8.4	33.28	8.2	24.6	2.99
F25	09 Nov 2016	18	14.56	83.25	8.3	33.27	8.2	24.7	2.88
F25	09 Nov 2016	19	14.20	83.10	8.0	33.27	8.2	24.8	3.32
F25	09 Nov 2016	20	13.97	82.24	7.7	33.26	8.2	24.8	4.03
F25	09 Nov 2016	21	13.77	81.35	7.4	33.26	8.2	24.9	4.46
F25	09 Nov 2016	22	13.49	82.01	7.2	33.26	8.1	24.9	3.58
F25	09 Nov 2016	23	13.37	84.76	7.0	33.27	8.1	25.0	2.55
F25	09 Nov 2016	24	13.27	86.63	7.0	33.27	8.1	25.0	1.93
F25	09 Nov 2016	25	13.23	87.20	7.0	33.27	8.1	25.0	1.72
F25	09 Nov 2016	26	13.15	87.69	6.9	33.27	8.1	25.0	1.56
F25	09 Nov 2016	27	13.00	88.00	6.8	33.28	8.1	25.1	1.37
F25	09 Nov 2016	28	12.90	88.37	6.7	33.29	8.1	25.1	1.23
F25	09 Nov 2016	29	12.83	88.35	6.7	33.30	8.1	25.1	1.12

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F25	09 Nov 2016	30	12.81	88.51	6.7	33.30	8.1	25.1	1.07
F25	09 Nov 2016	31	12.81	88.70	6.6	33.30	8.1	25.1	1.00
F25	09 Nov 2016	32	12.81	88.75	6.6	33.30	8.1	25.1	0.99
F25	09 Nov 2016	33	12.80	88.79	6.6	33.31	8.1	25.1	0.96
F25	09 Nov 2016	34	12.79	88.83	6.5	33.31	8.1	25.1	0.96
F25	09 Nov 2016	35	12.63	88.89	6.4	33.33	8.1	25.2	0.88
F25	09 Nov 2016	36	12.58	89.01	6.3	33.33	8.1	25.2	0.81
F25	09 Nov 2016	37	12.53	88.99	6.3	33.34	8.0	25.2	0.74
F25	09 Nov 2016	38	12.59	89.00	6.3	33.34	8.0	25.2	0.75
F25	09 Nov 2016	39	12.44	88.69	6.1	33.35	8.0	25.2	0.68
F25	09 Nov 2016	40	12.27	87.79	6.0	33.37	8.0	25.3	0.61
F25	09 Nov 2016	41	12.18	87.48	5.9	33.38	8.0	25.3	0.55
F25	09 Nov 2016	42	12.11	85.32	5.9	33.38	8.0	25.3	0.51
F25	09 Nov 2016	43	12.09	83.78	5.8	33.38	8.0	25.3	0.49
F25	09 Nov 2016	44	12.07	83.64	5.8	33.38	8.0	25.3	0.49
F25	09 Nov 2016	45	12.07	83.58	5.8	33.38	8.0	25.3	0.48
F25	09 Nov 2016	46	12.04	83.84	5.8	33.38	8.0	25.3	0.47
F25	09 Nov 2016	47	12.02	84.04	5.8	33.39	8.0	25.3	0.46
F25	09 Nov 2016	48	11.99	84.22	5.8	33.39	8.0	25.3	0.44
F25	09 Nov 2016	49	11.98	84.16	5.8	33.39	8.0	25.3	0.43
F25	09 Nov 2016	50	11.96	84.04	5.8	33.39	8.0	25.3	0.43
F25	09 Nov 2016	51	11.96	84.09	5.8	33.39	8.0	25.3	0.42
F25	09 Nov 2016	52	11.95	84.25	5.8	33.39	8.0	25.4	0.42
F25	09 Nov 2016	53	11.94	84.24	5.7	33.39	8.0	25.4	0.43
F25	09 Nov 2016	54	11.94	84.26	5.7	33.39	8.0	25.4	0.43
F25	09 Nov 2016	55	11.93	84.20	5.7	33.39	8.0	25.4	0.43
F25	09 Nov 2016	56	11.93	84.11	5.7	33.39	8.0	25.4	0.42
F25	09 Nov 2016	57	11.93	83.97	5.7	33.39	8.0	25.4	0.41
F25	09 Nov 2016	58	11.93	83.84	5.7	33.39	8.0	25.4	0.45
F25	09 Nov 2016	59	11.92	83.88	5.7	33.39	8.0	25.4	0.41
F25	09 Nov 2016	60	11.89	83.68	5.7	33.39	8.0	25.4	0.39
F25	09 Nov 2016	61	11.81	83.17	5.7	33.39	8.0	25.4	0.38
F25	09 Nov 2016	62	11.81	82.83	5.7	33.39	8.0	25.4	0.37
F25	09 Nov 2016	63	11.81	82.77	5.7	33.39	8.0	25.4	0.36
F25	09 Nov 2016	64	11.80	82.72	5.6	33.39	8.0	25.4	0.36
F25	09 Nov 2016	65	11.75	82.68	5.6	33.40	8.0	25.4	0.35
F25	09 Nov 2016	66	11.74	82.43	5.6	33.40	8.0	25.4	0.34
F25	09 Nov 2016	67	11.73	82.28	5.6	33.40	8.0	25.4	0.34
F25	09 Nov 2016	68	11.73	82.30	5.5	33.40	8.0	25.4	0.34
F25	09 Nov 2016	69	11.63	82.14	5.4	33.41	8.0	25.4	0.32
F25	09 Nov 2016	70	11.50	83.08	5.3	33.42	7.9	25.5	0.29
F25	09 Nov 2016	71	11.47	84.03	5.3	33.42	7.9	25.5	0.28
F25	09 Nov 2016	72	11.44	84.07	5.2	33.43	7.9	25.5	0.27
F25	09 Nov 2016	73	11.37	83.72	5.2	33.44	7.9	25.5	0.27
F25	09 Nov 2016	74	11.32	83.03	5.1	33.44	7.9	25.5	0.26
F25	09 Nov 2016	75	11.30	82.79	5.1	33.45	7.9	25.5	0.26
F25	09 Nov 2016	76	11.28	82.38	5.1	33.45	7.9	25.5	0.27
F25	09 Nov 2016	77	11.24	82.29	5.0	33.46	7.9	25.5	0.25
F25	09 Nov 2016	78	11.21	81.80	5.0	33.46	7.9	25.5	0.26
F25	09 Nov 2016	79	11.21	81.34	5.0	33.46	7.9	25.5	0.27
F25	09 Nov 2016	80	11.21	78.87	5.0	33.45	7.9	25.5	0.38
F26	07 Nov 2016	1	18.27	86.15	8.2	33.39	8.2	24.0	0.58
F26	07 Nov 2016	2	18.25	86.15	8.2	33.39	8.2	24.0	0.60
F26	07 Nov 2016	3	18.08	85.99	8.3	33.39	8.2	24.0	0.62

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	07 Nov 2016	4	17.87	85.81	8.3	33.38	8.2	24.1	0.66
F26	07 Nov 2016	5	17.62	85.65	8.4	33.37	8.2	24.1	0.67
F26	07 Nov 2016	6	17.42	85.52	8.4	33.36	8.2	24.2	0.71
F26	07 Nov 2016	7	16.95	85.45	8.5	33.34	8.2	24.2	0.79
F26	07 Nov 2016	8	16.21	85.09	8.5	33.33	8.2	24.4	0.92
F26	07 Nov 2016	9	15.76	84.06	8.6	33.29	8.2	24.5	1.08
F26	07 Nov 2016	10	15.20	83.42	8.5	33.28	8.2	24.6	1.37
F26	07 Nov 2016	11	14.98	82.35	8.4	33.27	8.2	24.6	1.82
F26	07 Nov 2016	12	14.72	81.49	8.2	33.27	8.2	24.7	2.39
F26	07 Nov 2016	13	14.46	79.82	8.0	33.27	8.2	24.8	3.15
F26	07 Nov 2016	14	14.21	78.23	7.8	33.27	8.2	24.8	4.50
F26	07 Nov 2016	15	14.06	76.80	7.6	33.27	8.2	24.8	6.02
F26	07 Nov 2016	16	13.94	80.23	7.4	33.27	8.2	24.9	6.32
F26	07 Nov 2016	17	13.83	82.64	7.2	33.28	8.1	24.9	5.17
F26	07 Nov 2016	18	13.77	83.89	7.1	33.28	8.1	24.9	4.10
F26	07 Nov 2016	19	13.70	85.07	7.1	33.28	8.1	24.9	3.45
F26	07 Nov 2016	20	13.61	85.91	7.1	33.28	8.1	24.9	2.81
F26	07 Nov 2016	21	13.54	86.75	7.1	33.27	8.1	24.9	2.43
F26	07 Nov 2016	22	13.52	86.84	7.1	33.28	8.1	25.0	2.24
F26	07 Nov 2016	23	13.49	86.94	7.0	33.28	8.1	25.0	2.14
F26	07 Nov 2016	24	13.45	87.21	7.0	33.28	8.1	25.0	2.04
F26	07 Nov 2016	25	13.34	87.55	6.9	33.28	8.1	25.0	1.91
F26	07 Nov 2016	26	13.28	87.70	6.9	33.28	8.1	25.0	1.78
F26	07 Nov 2016	27	13.19	87.93	6.9	33.28	8.1	25.0	1.67
F26	07 Nov 2016	28	13.13	88.18	6.9	33.28	8.1	25.0	1.53
F26	07 Nov 2016	29	13.08	88.29	6.8	33.28	8.1	25.0	1.44
F26	07 Nov 2016	30	13.02	88.53	6.8	33.29	8.1	25.1	1.30
F26	07 Nov 2016	31	12.93	88.64	6.7	33.29	8.1	25.1	1.19
F26	07 Nov 2016	32	12.89	88.69	6.7	33.29	8.1	25.1	1.12
F26	07 Nov 2016	33	12.82	88.69	6.6	33.30	8.1	25.1	1.06
F26	07 Nov 2016	34	12.82	88.75	6.6	33.30	8.1	25.1	1.03
F26	07 Nov 2016	35	12.72	88.78	6.5	33.30	8.0	25.1	0.96
F26	07 Nov 2016	36	12.61	88.79	6.5	33.31	8.0	25.2	0.86
F26	07 Nov 2016	37	12.59	88.76	6.4	33.31	8.0	25.2	0.81
F26	07 Nov 2016	38	12.52	88.81	6.3	33.32	8.0	25.2	0.78
F26	07 Nov 2016	39	12.46	88.89	6.4	33.32	8.0	25.2	0.75
F26	07 Nov 2016	40	12.45	89.05	6.4	33.32	8.0	25.2	0.73
F26	07 Nov 2016	41	12.41	88.99	6.4	33.32	8.0	25.2	0.70
F26	07 Nov 2016	42	12.38	88.97	6.3	33.33	8.0	25.2	0.69
F26	07 Nov 2016	43	12.34	89.07	6.3	33.33	8.0	25.2	0.68
F26	07 Nov 2016	44	12.31	89.05	6.3	33.33	8.0	25.2	0.66
F26	07 Nov 2016	45	12.28	89.06	6.2	33.34	8.0	25.2	0.65
F26	07 Nov 2016	46	12.23	89.02	6.2	33.34	8.0	25.3	0.62
F26	07 Nov 2016	47	12.11	89.02	6.1	33.36	8.0	25.3	0.60
F26	07 Nov 2016	48	12.07	88.96	6.0	33.36	8.0	25.3	0.57
F26	07 Nov 2016	49	12.06	88.97	6.0	33.37	8.0	25.3	0.55
F26	07 Nov 2016	50	12.02	88.99	6.0	33.37	8.0	25.3	0.54
F26	07 Nov 2016	51	12.00	88.96	5.9	33.37	8.0	25.3	0.52
F26	07 Nov 2016	52	11.99	88.95	5.9	33.38	8.0	25.3	0.53
F26	07 Nov 2016	53	11.94	88.92	5.9	33.38	8.0	25.3	0.50
F26	07 Nov 2016	54	11.91	88.96	5.8	33.38	8.0	25.4	0.50
F26	07 Nov 2016	55	11.87	88.93	5.8	33.39	8.0	25.4	0.49
F26	07 Nov 2016	56	11.86	88.95	5.8	33.39	8.0	25.4	0.47
F26	07 Nov 2016	57	11.70	88.96	5.7	33.41	8.0	25.4	0.46
F26	07 Nov 2016	58	11.64	88.96	5.6	33.41	8.0	25.4	0.45

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F26	07 Nov 2016	59	11.59	88.99	5.6	33.42	8.0	25.4	0.44
F26	07 Nov 2016	60	11.57	89.02	5.6	33.42	8.0	25.4	0.42
F26	07 Nov 2016	61	11.53	89.02	5.6	33.42	8.0	25.5	0.42
F26	07 Nov 2016	62	11.46	88.96	5.6	33.43	8.0	25.5	0.41
F26	07 Nov 2016	63	11.43	88.94	5.5	33.43	8.0	25.5	0.40
F26	07 Nov 2016	64	11.38	88.91	5.5	33.44	8.0	25.5	0.39
F26	07 Nov 2016	65	11.34	88.76	5.4	33.44	7.9	25.5	0.38
F26	07 Nov 2016	66	11.27	88.88	5.4	33.46	7.9	25.5	0.38
F26	07 Nov 2016	67	11.19	88.92	5.3	33.47	7.9	25.6	0.36
F26	07 Nov 2016	68	11.15	88.92	5.3	33.48	7.9	25.6	0.36
F26	07 Nov 2016	69	11.13	88.91	5.2	33.49	7.9	25.6	0.35
F26	07 Nov 2016	70	11.10	89.00	5.2	33.50	7.9	25.6	0.34
F26	07 Nov 2016	71	11.03	88.97	5.1	33.51	7.9	25.6	0.34
F26	07 Nov 2016	72	10.98	89.00	5.1	33.52	7.9	25.6	0.33
F26	07 Nov 2016	73	10.97	88.99	5.0	33.52	7.9	25.6	0.33
F26	07 Nov 2016	74	10.93	89.02	5.0	33.54	7.9	25.7	0.32
F26	07 Nov 2016	75	10.89	89.02	4.9	33.55	7.9	25.7	0.31
F26	07 Nov 2016	76	10.89	89.05	4.9	33.55	7.9	25.7	0.30
F26	07 Nov 2016	77	10.86	89.05	4.9	33.56	7.9	25.7	0.31
F26	07 Nov 2016	78	10.82	88.84	4.8	33.56	7.9	25.7	0.31
F26	07 Nov 2016	79	10.81	87.43	4.8	33.56	7.9	25.7	0.30
F26	07 Nov 2016	80	10.77	84.19	4.7	33.57	7.9	25.7	0.30
F26	07 Nov 2016	81	10.75	83.70	4.7	33.58	7.9	25.7	0.29
F26	07 Nov 2016	82	10.69	86.61	4.7	33.60	7.9	25.7	0.29
F26	07 Nov 2016	83	10.68	87.59	4.7	33.60	7.9	25.7	0.29
F26	07 Nov 2016	84	10.67	86.95	4.6	33.60	7.9	25.7	0.29
F26	07 Nov 2016	85	10.67	86.97	4.6	33.60	7.9	25.7	0.28
F26	07 Nov 2016	86	10.67	88.38	4.5	33.63	7.9	25.8	0.28
F26	07 Nov 2016	87	10.64	87.97	4.4	33.64	7.9	25.8	0.28
F26	07 Nov 2016	88	10.56	83.96	4.4	33.64	7.9	25.8	0.28
F26	07 Nov 2016	89	10.55	80.58	4.4	33.64	7.9	25.8	0.28
F26	07 Nov 2016	90	10.56	80.62	4.4	33.64	7.9	25.8	0.28
F26	07 Nov 2016	91	10.55	80.62	4.4	33.64	7.9	25.8	0.28
F26	07 Nov 2016	92	10.55	80.81	4.4	33.64	7.9	25.8	0.28
F26	07 Nov 2016	93	10.55	81.08	4.4	33.64	7.9	25.8	0.28
F26	07 Nov 2016	94	10.55	80.93	4.4	33.64	7.9	25.8	0.28
F26	07 Nov 2016	95	10.55	81.50	4.4	33.64	7.8	25.8	0.28
F26	07 Nov 2016	96	10.55	81.34	4.4	33.64	7.8	25.8	0.27
F26	07 Nov 2016	97	10.55	81.17	4.4	33.64	7.8	25.8	0.28
F27	07 Nov 2016	1	17.73	85.68	8.4	33.36	8.1	24.1	0.71
F27	07 Nov 2016	2	17.75	85.85	8.3	33.36	8.1	24.1	0.69
F27	07 Nov 2016	3	16.76	85.83	8.3	33.34	8.1	24.3	0.89
F27	07 Nov 2016	4	16.03	85.15	8.3	33.30	8.1	24.4	1.12
F27	07 Nov 2016	5	15.86	85.03	8.3	33.29	8.1	24.5	1.33
F27	07 Nov 2016	6	15.61	84.50	8.3	33.27	8.1	24.5	1.56
F27	07 Nov 2016	7	15.33	84.68	8.2	33.27	8.1	24.6	1.64
F27	07 Nov 2016	8	15.23	85.11	8.2	33.26	8.1	24.6	1.69
F27	07 Nov 2016	9	15.19	85.31	8.2	33.26	8.1	24.6	1.83
F27	07 Nov 2016	10	15.13	85.68	8.1	33.26	8.1	24.6	1.95
F27	07 Nov 2016	11	14.85	85.89	8.1	33.26	8.1	24.7	1.97
F27	07 Nov 2016	12	14.77	86.12	8.1	33.25	8.1	24.7	2.02
F27	07 Nov 2016	13	14.71	86.21	8.0	33.25	8.1	24.7	2.13
F27	07 Nov 2016	14	14.60	86.10	8.0	33.25	8.1	24.7	2.23
F27	07 Nov 2016	15	14.50	85.79	7.9	33.25	8.1	24.7	2.32

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	07 Nov 2016	16	14.32	85.56	7.8	33.25	8.1	24.8	2.43
F27	07 Nov 2016	17	14.16	85.34	7.7	33.25	8.1	24.8	2.58
F27	07 Nov 2016	18	14.09	85.02	7.7	33.25	8.1	24.8	2.81
F27	07 Nov 2016	19	14.06	84.99	7.6	33.25	8.1	24.8	2.96
F27	07 Nov 2016	20	13.97	85.02	7.5	33.26	8.1	24.8	3.05
F27	07 Nov 2016	21	13.87	84.79	7.4	33.27	8.1	24.9	3.06
F27	07 Nov 2016	22	13.58	85.97	7.1	33.28	8.1	24.9	2.66
F27	07 Nov 2016	23	13.54	86.77	7.1	33.27	8.1	24.9	2.31
F27	07 Nov 2016	24	13.49	86.83	7.0	33.27	8.1	25.0	2.25
F27	07 Nov 2016	25	13.42	86.89	7.0	33.28	8.1	25.0	2.18
F27	07 Nov 2016	26	13.35	87.06	6.9	33.28	8.1	25.0	2.10
F27	07 Nov 2016	27	13.32	87.32	6.9	33.28	8.1	25.0	1.95
F27	07 Nov 2016	28	13.26	87.47	6.8	33.29	8.1	25.0	1.88
F27	07 Nov 2016	29	13.16	87.65	6.8	33.29	8.1	25.0	1.74
F27	07 Nov 2016	30	13.14	87.93	6.8	33.29	8.1	25.0	1.65
F27	07 Nov 2016	31	13.09	88.12	6.8	33.29	8.1	25.0	1.54
F27	07 Nov 2016	32	13.04	88.18	6.7	33.29	8.1	25.1	1.44
F27	07 Nov 2016	33	12.93	88.31	6.7	33.29	8.1	25.1	1.33
F27	07 Nov 2016	34	12.90	88.64	6.7	33.30	8.1	25.1	1.20
F27	07 Nov 2016	35	12.88	88.70	6.7	33.30	8.1	25.1	1.19
F27	07 Nov 2016	36	12.76	88.91	6.6	33.31	8.1	25.1	1.02
F27	07 Nov 2016	37	12.63	89.09	6.6	33.31	8.0	25.2	0.92
F27	07 Nov 2016	38	12.55	89.14	6.5	33.31	8.0	25.2	0.86
F27	07 Nov 2016	39	12.47	89.10	6.5	33.31	8.0	25.2	0.81
F27	07 Nov 2016	40	12.44	89.21	6.4	33.32	8.0	25.2	0.88
F27	07 Nov 2016	41	12.32	89.32	6.4	33.32	8.0	25.2	0.76
F27	07 Nov 2016	42	12.26	89.35	6.4	33.33	8.0	25.2	0.71
F27	07 Nov 2016	43	12.23	89.36	6.4	33.33	8.0	25.2	0.68
F27	07 Nov 2016	44	12.19	89.36	6.4	33.33	8.0	25.3	0.70
F27	07 Nov 2016	45	12.19	89.40	6.3	33.33	8.0	25.3	0.68
F27	07 Nov 2016	46	12.08	89.40	6.3	33.34	8.0	25.3	0.64
F27	07 Nov 2016	47	12.02	89.41	6.2	33.34	8.0	25.3	0.62
F27	07 Nov 2016	48	11.96	89.39	6.1	33.35	8.0	25.3	0.59
F27	07 Nov 2016	49	11.91	89.29	6.1	33.36	8.0	25.3	0.56
F27	07 Nov 2016	50	11.91	89.20	6.0	33.37	8.0	25.3	0.55
F27	07 Nov 2016	51	11.89	89.18	6.0	33.37	8.0	25.3	0.52
F27	07 Nov 2016	52	11.88	89.26	6.0	33.37	8.0	25.3	0.52
F27	07 Nov 2016	53	11.86	89.30	6.0	33.37	8.0	25.3	0.52
F27	07 Nov 2016	54	11.83	89.30	5.9	33.38	8.0	25.4	0.51
F27	07 Nov 2016	55	11.76	89.14	5.8	33.39	8.0	25.4	0.48
F27	07 Nov 2016	56	11.71	89.00	5.7	33.40	8.0	25.4	0.44
F27	07 Nov 2016	57	11.66	88.98	5.6	33.41	8.0	25.4	0.42
F27	07 Nov 2016	58	11.60	88.95	5.6	33.42	8.0	25.4	0.40
F27	07 Nov 2016	59	11.56	88.93	5.5	33.43	8.0	25.4	0.40
F27	07 Nov 2016	60	11.51	88.93	5.5	33.43	8.0	25.5	0.39
F27	07 Nov 2016	61	11.49	88.92	5.5	33.43	8.0	25.5	0.38
F27	07 Nov 2016	62	11.48	88.97	5.5	33.43	8.0	25.5	0.39
F27	07 Nov 2016	63	11.47	88.99	5.5	33.43	8.0	25.5	0.39
F27	07 Nov 2016	64	11.43	88.88	5.5	33.44	8.0	25.5	0.39
F27	07 Nov 2016	65	11.39	89.04	5.5	33.44	8.0	25.5	0.39
F27	07 Nov 2016	66	11.35	89.03	5.5	33.45	8.0	25.5	0.38
F27	07 Nov 2016	67	11.32	89.01	5.4	33.45	8.0	25.5	0.38
F27	07 Nov 2016	68	11.24	89.03	5.4	33.46	7.9	25.5	0.38
F27	07 Nov 2016	69	11.19	89.06	5.4	33.46	7.9	25.5	0.38
F27	07 Nov 2016	70	11.15	89.06	5.3	33.47	7.9	25.6	0.37

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F27	07 Nov 2016	71	11.14	89.05	5.3	33.47	7.9	25.6	0.37
F27	07 Nov 2016	72	11.13	89.07	5.3	33.47	7.9	25.6	0.37
F27	07 Nov 2016	73	11.11	89.08	5.3	33.47	7.9	25.6	0.37
F27	07 Nov 2016	74	11.05	89.06	5.3	33.48	7.9	25.6	0.36
F27	07 Nov 2016	75	11.02	88.96	5.3	33.49	7.9	25.6	0.35
F27	07 Nov 2016	76	10.98	88.99	5.2	33.49	7.9	25.6	0.35
F27	07 Nov 2016	77	10.92	89.02	5.1	33.52	7.9	25.6	0.33
F27	07 Nov 2016	78	10.87	89.04	5.0	33.54	7.9	25.7	0.32
F27	07 Nov 2016	79	10.86	89.05	4.9	33.55	7.9	25.7	0.33
F27	07 Nov 2016	80	10.85	89.09	4.9	33.56	7.9	25.7	0.31
F27	07 Nov 2016	81	10.83	89.10	4.8	33.57	7.9	25.7	0.31
F27	07 Nov 2016	82	10.79	89.07	4.7	33.59	7.9	25.7	0.30
F27	07 Nov 2016	83	10.78	89.00	4.7	33.59	7.9	25.7	0.30
F27	07 Nov 2016	84	10.74	89.01	4.7	33.60	7.9	25.7	0.30
F27	07 Nov 2016	85	10.71	88.95	4.6	33.60	7.9	25.7	0.29
F27	07 Nov 2016	86	10.72	88.81	4.6	33.60	7.9	25.7	0.29
F27	07 Nov 2016	87	10.68	88.64	4.6	33.61	7.9	25.8	0.28
F27	07 Nov 2016	88	10.67	88.61	4.6	33.62	7.9	25.8	0.28
F27	07 Nov 2016	89	10.67	88.77	4.5	33.62	7.9	25.8	0.28
F27	07 Nov 2016	90	10.66	88.53	4.5	33.63	7.9	25.8	0.28
F27	07 Nov 2016	91	10.65	88.91	4.4	33.64	7.9	25.8	0.27
F27	07 Nov 2016	92	10.57	85.98	4.4	33.65	7.9	25.8	0.27
F27	07 Nov 2016	93	10.51	83.02	4.4	33.65	7.9	25.8	0.27
F27	07 Nov 2016	94	10.48	82.37	4.3	33.66	7.9	25.8	0.27
F27	07 Nov 2016	95	10.45	82.84	4.3	33.68	7.9	25.8	0.27
F27	07 Nov 2016	96	10.45	83.71	4.3	33.68	7.9	25.8	0.27
F27	07 Nov 2016	97	10.45	84.06	4.3	33.69	7.9	25.8	0.27
F27	07 Nov 2016	98	10.46	84.59	4.3	33.68	7.8	25.8	0.27
F28	07 Nov 2016	2	18.17	85.97	8.2	33.40	8.1	24.0	0.63
F28	07 Nov 2016	3	17.73	85.46	8.3	33.38	8.1	24.1	0.74
F28	07 Nov 2016	4	17.51	84.85	8.4	33.37	8.2	24.1	0.90
F28	07 Nov 2016	5	17.13	84.53	8.5	33.36	8.2	24.2	1.08
F28	07 Nov 2016	6	16.88	84.26	8.6	33.34	8.2	24.3	1.33
F28	07 Nov 2016	7	16.52	84.37	8.4	33.33	8.2	24.3	1.44
F28	07 Nov 2016	8	15.88	84.59	8.4	33.29	8.2	24.5	1.63
F28	07 Nov 2016	9	15.69	83.87	8.4	33.28	8.2	24.5	2.07
F28	07 Nov 2016	10	15.35	83.32	8.2	33.27	8.2	24.6	2.58
F28	07 Nov 2016	11	15.00	83.29	8.1	33.27	8.2	24.6	2.92
F28	07 Nov 2016	12	14.79	84.42	7.9	33.26	8.2	24.7	2.76
F28	07 Nov 2016	13	14.54	85.77	7.8	33.25	8.2	24.7	2.31
F28	07 Nov 2016	14	14.46	86.32	7.8	33.25	8.2	24.7	2.17
F28	07 Nov 2016	15	14.33	86.50	7.8	33.24	8.2	24.8	2.09
F28	07 Nov 2016	16	14.28	86.56	7.8	33.25	8.2	24.8	2.17
F28	07 Nov 2016	17	14.23	86.56	7.8	33.25	8.1	24.8	2.16
F28	07 Nov 2016	18	14.21	86.53	7.8	33.25	8.1	24.8	2.19
F28	07 Nov 2016	19	14.19	86.43	7.8	33.25	8.1	24.8	2.35
F28	07 Nov 2016	20	14.18	86.21	7.7	33.25	8.1	24.8	2.46
F28	07 Nov 2016	21	14.07	86.05	7.6	33.25	8.1	24.8	2.58
F28	07 Nov 2016	22	14.00	86.14	7.6	33.25	8.1	24.8	2.62
F28	07 Nov 2016	23	13.91	86.41	7.5	33.26	8.1	24.9	2.57
F28	07 Nov 2016	24	13.84	86.69	7.4	33.26	8.1	24.9	2.46
F28	07 Nov 2016	25	13.55	87.20	7.2	33.27	8.1	24.9	2.04
F28	07 Nov 2016	26	13.37	87.86	7.0	33.27	8.1	25.0	1.72
F28	07 Nov 2016	27	13.28	88.17	7.0	33.28	8.1	25.0	1.52

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	07 Nov 2016	28	13.29	88.31	6.9	33.28	8.1	25.0	1.42
F28	07 Nov 2016	29	13.21	88.28	6.9	33.29	8.1	25.0	1.39
F28	07 Nov 2016	30	13.16	88.33	6.8	33.29	8.1	25.0	1.33
F28	07 Nov 2016	31	13.12	88.36	6.8	33.29	8.1	25.0	1.29
F28	07 Nov 2016	32	13.13	88.39	6.8	33.29	8.1	25.0	1.28
F28	07 Nov 2016	33	13.05	88.48	6.7	33.30	8.1	25.1	1.22
F28	07 Nov 2016	34	12.95	88.64	6.7	33.30	8.1	25.1	1.13
F28	07 Nov 2016	35	12.85	88.78	6.7	33.30	8.1	25.1	1.11
F28	07 Nov 2016	36	12.81	88.83	6.7	33.30	8.1	25.1	1.01
F28	07 Nov 2016	37	12.77	88.90	6.7	33.30	8.1	25.1	1.00
F28	07 Nov 2016	38	12.69	89.07	6.6	33.31	8.1	25.1	0.94
F28	07 Nov 2016	39	12.61	89.14	6.5	33.31	8.1	25.2	0.89
F28	07 Nov 2016	40	12.43	89.16	6.4	33.33	8.1	25.2	0.81
F28	07 Nov 2016	41	12.31	89.26	6.4	33.33	8.0	25.2	0.74
F28	07 Nov 2016	42	12.30	89.31	6.3	33.33	8.0	25.2	0.74
F28	07 Nov 2016	43	12.21	89.28	6.3	33.34	8.0	25.3	0.71
F28	07 Nov 2016	44	12.16	89.32	6.2	33.35	8.0	25.3	0.67
F28	07 Nov 2016	45	12.13	89.29	6.2	33.35	8.0	25.3	0.63
F28	07 Nov 2016	46	12.08	89.19	6.1	33.36	8.0	25.3	0.62
F28	07 Nov 2016	47	12.03	89.08	6.0	33.37	8.0	25.3	0.58
F28	07 Nov 2016	48	12.00	89.05	6.0	33.37	8.0	25.3	0.56
F28	07 Nov 2016	49	12.00	89.04	6.0	33.37	8.0	25.3	0.55
F28	07 Nov 2016	50	11.99	89.01	5.9	33.38	8.0	25.3	0.55
F28	07 Nov 2016	51	11.96	89.04	5.9	33.38	8.0	25.3	0.55
F28	07 Nov 2016	52	11.95	89.05	5.9	33.38	8.0	25.3	0.55
F28	07 Nov 2016	53	11.90	89.06	5.9	33.38	8.0	25.4	0.55
F28	07 Nov 2016	54	11.84	88.86	5.9	33.39	8.0	25.4	0.52
F28	07 Nov 2016	55	11.84	89.06	5.8	33.39	8.0	25.4	0.50
F28	07 Nov 2016	56	11.70	88.79	5.7	33.41	8.0	25.4	0.45
F28	07 Nov 2016	57	11.68	88.86	5.6	33.41	8.0	25.4	0.42
F28	07 Nov 2016	58	11.54	88.92	5.5	33.43	8.0	25.5	0.40
F28	07 Nov 2016	59	11.47	88.99	5.5	33.43	8.0	25.5	0.40
F28	07 Nov 2016	60	11.38	89.04	5.5	33.44	8.0	25.5	0.40
F28	07 Nov 2016	61	11.36	89.07	5.5	33.44	8.0	25.5	0.40
F28	07 Nov 2016	62	11.32	89.02	5.4	33.45	8.0	25.5	0.40
F28	07 Nov 2016	63	11.27	89.03	5.4	33.45	8.0	25.5	0.39
F28	07 Nov 2016	64	11.21	89.00	5.4	33.46	8.0	25.5	0.39
F28	07 Nov 2016	65	11.18	89.04	5.4	33.47	8.0	25.6	0.38
F28	07 Nov 2016	66	11.17	89.06	5.3	33.47	8.0	25.6	0.38
F28	07 Nov 2016	67	11.15	89.04	5.3	33.47	7.9	25.6	0.37
F28	07 Nov 2016	68	11.08	89.05	5.3	33.48	7.9	25.6	0.36
F28	07 Nov 2016	69	11.00	88.97	5.2	33.50	7.9	25.6	0.35
F28	07 Nov 2016	70	11.00	88.91	5.2	33.50	7.9	25.6	0.35
F28	07 Nov 2016	71	10.91	88.90	5.1	33.53	7.9	25.6	0.33
F28	07 Nov 2016	72	10.87	88.90	5.0	33.54	7.9	25.7	0.33
F28	07 Nov 2016	73	10.86	88.92	5.0	33.54	7.9	25.7	0.32
F28	07 Nov 2016	74	10.85	89.00	5.0	33.55	7.9	25.7	0.32
F28	07 Nov 2016	75	10.83	88.95	4.9	33.55	7.9	25.7	0.31
F28	07 Nov 2016	76	10.83	88.90	4.9	33.56	7.9	25.7	0.31
F28	07 Nov 2016	77	10.82	88.98	4.8	33.57	7.9	25.7	0.30
F28	07 Nov 2016	78	10.81	88.92	4.8	33.57	7.9	25.7	0.30
F28	07 Nov 2016	79	10.79	88.64	4.8	33.58	7.9	25.7	0.31
F28	07 Nov 2016	80	10.76	87.65	4.7	33.58	7.9	25.7	0.30
F28	07 Nov 2016	81	10.74	86.96	4.7	33.59	7.9	25.7	0.30
F28	07 Nov 2016	82	10.69	84.94	4.6	33.59	7.9	25.7	0.29

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F28	07 Nov 2016	83	10.66	83.57	4.6	33.60	7.9	25.7	0.29
F28	07 Nov 2016	84	10.65	81.97	4.6	33.60	7.9	25.7	0.29
F28	07 Nov 2016	85	10.65	82.00	4.6	33.60	7.9	25.7	0.29
F28	07 Nov 2016	86	10.64	81.81	4.6	33.60	7.9	25.7	0.29
F28	07 Nov 2016	87	10.64	82.03	4.6	33.60	7.9	25.8	0.29
F28	07 Nov 2016	88	10.64	82.13	4.6	33.60	7.9	25.8	0.29
F28	07 Nov 2016	89	10.65	84.72	4.5	33.62	7.9	25.8	0.28
F28	07 Nov 2016	90	10.59	87.99	4.5	33.64	7.9	25.8	0.28
F28	07 Nov 2016	91	10.52	86.49	4.4	33.66	7.9	25.8	0.28
F28	07 Nov 2016	92	10.49	85.75	4.4	33.66	7.9	25.8	0.26
F28	07 Nov 2016	93	10.47	85.54	4.3	33.67	7.9	25.8	0.27
F28	07 Nov 2016	94	10.44	85.52	4.3	33.68	7.9	25.8	0.27
F28	07 Nov 2016	95	10.43	85.45	4.3	33.68	7.9	25.8	0.26
F28	07 Nov 2016	96	10.43	85.56	4.3	33.68	7.8	25.8	0.26
F28	07 Nov 2016	97	10.43	85.11	4.3	33.68	7.8	25.9	0.26
F28	07 Nov 2016	98	10.42	85.03	4.3	33.68	7.8	25.9	0.26
F28	07 Nov 2016	99	10.42	84.83	4.3	33.69	7.8	25.9	0.26
F29	07 Nov 2016	1	18.16	85.45	8.2	33.39	8.1	24.0	0.68
F29	07 Nov 2016	2	18.21	85.57	8.2	33.39	8.1	24.0	0.64
F29	07 Nov 2016	3	17.98	85.15	8.2	33.39	8.1	24.0	0.72
F29	07 Nov 2016	4	17.64	84.42	8.3	33.38	8.1	24.1	0.87
F29	07 Nov 2016	5	17.17	84.43	8.3	33.36	8.2	24.2	1.09
F29	07 Nov 2016	6	16.63	83.83	8.4	33.35	8.2	24.3	1.35
F29	07 Nov 2016	7	16.45	83.03	8.3	33.34	8.2	24.4	1.58
F29	07 Nov 2016	8	15.71	82.58	8.3	33.30	8.2	24.5	2.03
F29	07 Nov 2016	9	15.48	82.55	8.3	33.28	8.2	24.5	2.51
F29	07 Nov 2016	10	15.23	82.66	8.0	33.28	8.2	24.6	2.76
F29	07 Nov 2016	11	14.68	84.53	7.9	33.25	8.2	24.7	2.41
F29	07 Nov 2016	12	14.51	86.48	7.8	33.25	8.2	24.7	1.87
F29	07 Nov 2016	13	14.27	86.78	7.8	33.24	8.2	24.8	1.72
F29	07 Nov 2016	14	14.17	86.69	7.8	33.24	8.2	24.8	1.77
F29	07 Nov 2016	15	14.14	86.71	7.7	33.24	8.1	24.8	1.89
F29	07 Nov 2016	16	14.10	86.70	7.7	33.24	8.1	24.8	1.99
F29	07 Nov 2016	17	14.08	86.69	7.7	33.25	8.1	24.8	2.10
F29	07 Nov 2016	18	14.07	86.58	7.7	33.25	8.1	24.8	2.20
F29	07 Nov 2016	19	14.02	86.42	7.6	33.25	8.1	24.8	2.26
F29	07 Nov 2016	20	13.93	86.58	7.5	33.25	8.1	24.9	2.32
F29	07 Nov 2016	21	13.71	87.01	7.4	33.26	8.1	24.9	2.19
F29	07 Nov 2016	22	13.66	87.37	7.3	33.26	8.1	24.9	2.18
F29	07 Nov 2016	23	13.54	87.76	7.2	33.26	8.1	24.9	1.82
F29	07 Nov 2016	24	13.33	88.08	7.1	33.27	8.1	25.0	1.64
F29	07 Nov 2016	25	13.23	88.41	7.0	33.27	8.1	25.0	1.48
F29	07 Nov 2016	26	13.22	88.58	7.0	33.27	8.1	25.0	1.28
F29	07 Nov 2016	27	13.18	88.62	7.0	33.27	8.1	25.0	1.23
F29	07 Nov 2016	28	13.17	88.67	7.0	33.27	8.1	25.0	1.24
F29	07 Nov 2016	29	13.16	88.71	7.0	33.27	8.1	25.0	1.20
F29	07 Nov 2016	30	13.15	88.71	7.0	33.27	8.1	25.0	1.18
F29	07 Nov 2016	31	13.06	88.78	6.9	33.28	8.1	25.0	1.11
F29	07 Nov 2016	32	12.94	88.97	6.8	33.29	8.1	25.1	0.98
F29	07 Nov 2016	33	12.90	89.01	6.8	33.29	8.1	25.1	0.94
F29	07 Nov 2016	34	12.75	89.11	6.7	33.30	8.1	25.1	0.87
F29	07 Nov 2016	35	12.74	89.14	6.7	33.30	8.1	25.1	0.85
F29	07 Nov 2016	36	12.72	89.12	6.7	33.30	8.1	25.1	0.87
F29	07 Nov 2016	37	12.72	89.10	6.7	33.30	8.1	25.1	0.84

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	07 Nov 2016	38	12.72	89.13	6.6	33.30	8.1	25.1	0.83
F29	07 Nov 2016	39	12.69	89.11	6.6	33.31	8.1	25.1	0.82
F29	07 Nov 2016	40	12.68	89.13	6.6	33.31	8.0	25.1	0.81
F29	07 Nov 2016	41	12.65	89.19	6.6	33.31	8.0	25.2	0.79
F29	07 Nov 2016	42	12.50	89.26	6.5	33.32	8.0	25.2	0.76
F29	07 Nov 2016	43	12.47	89.28	6.5	33.32	8.0	25.2	0.72
F29	07 Nov 2016	44	12.41	89.28	6.4	33.33	8.0	25.2	0.76
F29	07 Nov 2016	45	12.29	89.27	6.4	33.34	8.0	25.2	0.70
F29	07 Nov 2016	46	12.22	89.32	6.3	33.34	8.0	25.3	0.64
F29	07 Nov 2016	47	12.09	89.34	6.2	33.35	8.0	25.3	0.59
F29	07 Nov 2016	48	12.05	89.28	6.1	33.36	8.0	25.3	0.56
F29	07 Nov 2016	49	12.05	89.29	6.1	33.36	8.0	25.3	0.55
F29	07 Nov 2016	50	11.96	89.18	6.0	33.37	8.0	25.3	0.53
F29	07 Nov 2016	51	11.94	89.09	6.0	33.37	8.0	25.3	0.53
F29	07 Nov 2016	52	11.91	89.24	6.0	33.37	8.0	25.3	0.52
F29	07 Nov 2016	53	11.90	89.27	6.0	33.37	8.0	25.3	0.53
F29	07 Nov 2016	54	11.86	89.29	5.9	33.38	8.0	25.4	0.53
F29	07 Nov 2016	55	11.75	89.33	5.9	33.39	8.0	25.4	0.51
F29	07 Nov 2016	56	11.71	89.27	5.8	33.40	8.0	25.4	0.49
F29	07 Nov 2016	57	11.62	89.16	5.7	33.41	8.0	25.4	0.47
F29	07 Nov 2016	58	11.58	89.16	5.7	33.41	8.0	25.4	0.45
F29	07 Nov 2016	59	11.57	89.18	5.7	33.41	8.0	25.4	0.44
F29	07 Nov 2016	60	11.56	89.15	5.7	33.41	8.0	25.4	0.44
F29	07 Nov 2016	61	11.51	89.11	5.6	33.42	8.0	25.5	0.42
F29	07 Nov 2016	62	11.43	89.08	5.5	33.43	8.0	25.5	0.40
F29	07 Nov 2016	63	11.39	89.06	5.5	33.44	8.0	25.5	0.39
F29	07 Nov 2016	64	11.36	89.02	5.5	33.44	8.0	25.5	0.38
F29	07 Nov 2016	65	11.33	88.98	5.4	33.45	8.0	25.5	0.38
F29	07 Nov 2016	66	11.30	88.96	5.5	33.45	8.0	25.5	0.37
F29	07 Nov 2016	67	11.26	88.93	5.4	33.45	8.0	25.5	0.36
F29	07 Nov 2016	68	11.24	88.93	5.4	33.46	8.0	25.5	0.36
F29	07 Nov 2016	69	11.22	88.88	5.4	33.46	8.0	25.5	0.36
F29	07 Nov 2016	70	11.14	88.78	5.3	33.47	8.0	25.6	0.35
F29	07 Nov 2016	71	11.11	88.52	5.3	33.48	7.9	25.6	0.34
F29	07 Nov 2016	72	10.98	88.65	5.2	33.51	7.9	25.6	0.38
F29	07 Nov 2016	73	10.90	88.75	5.0	33.53	7.9	25.6	0.31
F29	07 Nov 2016	74	10.83	88.74	5.0	33.54	7.9	25.7	0.30
F29	07 Nov 2016	75	10.79	88.77	4.9	33.56	7.9	25.7	0.28
F29	07 Nov 2016	76	10.81	88.78	4.9	33.55	7.9	25.7	0.28
F29	07 Nov 2016	77	10.77	88.84	4.8	33.57	7.9	25.7	0.28
F29	07 Nov 2016	78	10.75	88.67	4.8	33.58	7.9	25.7	0.27
F29	07 Nov 2016	79	10.74	88.52	4.8	33.58	7.9	25.7	0.27
F29	07 Nov 2016	80	10.74	88.32	4.7	33.59	7.9	25.7	0.27
F29	07 Nov 2016	81	10.74	87.73	4.7	33.59	7.9	25.7	0.26
F29	07 Nov 2016	82	10.72	86.85	4.7	33.59	7.9	25.7	0.27
F29	07 Nov 2016	83	10.71	85.99	4.7	33.59	7.9	25.7	0.27
F29	07 Nov 2016	84	10.69	85.57	4.6	33.60	7.9	25.7	0.26
F29	07 Nov 2016	85	10.65	85.35	4.6	33.61	7.9	25.8	0.26
F29	07 Nov 2016	86	10.64	85.98	4.6	33.61	7.9	25.8	0.26
F29	07 Nov 2016	87	10.60	86.19	4.5	33.63	7.9	25.8	0.25
F29	07 Nov 2016	88	10.60	86.81	4.5	33.63	7.9	25.8	0.25
F29	07 Nov 2016	89	10.58	86.76	4.5	33.63	7.9	25.8	0.25
F29	07 Nov 2016	90	10.58	86.81	4.5	33.63	7.9	25.8	0.25
F29	07 Nov 2016	91	10.56	87.49	4.4	33.64	7.9	25.8	0.25
F29	07 Nov 2016	92	10.48	87.55	4.4	33.67	7.9	25.8	0.24

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F29	07 Nov 2016	93	10.46	87.65	4.3	33.68	7.9	25.8	0.23
F29	07 Nov 2016	94	10.45	87.54	4.3	33.69	7.9	25.9	0.23
F29	07 Nov 2016	95	10.43	86.26	4.3	33.69	7.9	25.9	0.23
F29	07 Nov 2016	96	10.43	85.66	4.2	33.69	7.9	25.9	0.23
F29	07 Nov 2016	97	10.44	85.70	4.2	33.69	7.9	25.9	0.23
F29	07 Nov 2016	98	10.41	84.61	4.2	33.70	7.9	25.9	0.23
F29	07 Nov 2016	99	10.41	83.69	4.2	33.70	7.9	25.9	0.23
F30	07 Nov 2016	1	18.34	86.66	8.2	33.40	8.2	24.0	0.51
F30	07 Nov 2016	2	18.33	86.69	8.2	33.41	8.2	24.0	0.48
F30	07 Nov 2016	3	18.12	86.35	8.2	33.40	8.2	24.0	0.57
F30	07 Nov 2016	4	17.73	85.33	8.2	33.39	8.2	24.1	0.77
F30	07 Nov 2016	5	16.52	84.24	8.2	33.37	8.2	24.4	1.11
F30	07 Nov 2016	6	15.91	83.31	8.3	33.31	8.2	24.5	1.48
F30	07 Nov 2016	7	15.46	82.97	8.2	33.30	8.2	24.6	1.87
F30	07 Nov 2016	8	15.07	82.47	8.2	33.26	8.2	24.6	2.46
F30	07 Nov 2016	9	15.02	82.85	8.1	33.27	8.2	24.6	2.80
F30	07 Nov 2016	10	14.62	84.68	7.9	33.26	8.2	24.7	2.58
F30	07 Nov 2016	11	14.43	86.56	7.8	33.25	8.2	24.7	1.94
F30	07 Nov 2016	12	14.39	86.61	7.8	33.25	8.2	24.8	1.69
F30	07 Nov 2016	13	14.34	86.90	7.8	33.25	8.2	24.8	1.64
F30	07 Nov 2016	14	14.23	86.92	7.8	33.25	8.2	24.8	1.70
F30	07 Nov 2016	15	14.19	86.89	7.7	33.25	8.2	24.8	1.84
F30	07 Nov 2016	16	14.11	86.79	7.7	33.25	8.1	24.8	1.87
F30	07 Nov 2016	17	14.07	86.71	7.6	33.25	8.1	24.8	2.01
F30	07 Nov 2016	18	13.94	86.63	7.5	33.26	8.1	24.9	2.06
F30	07 Nov 2016	19	13.75	87.11	7.4	33.26	8.1	24.9	1.95
F30	07 Nov 2016	20	13.65	87.27	7.3	33.26	8.1	24.9	1.83
F30	07 Nov 2016	21	13.45	87.70	7.2	33.27	8.1	25.0	1.63
F30	07 Nov 2016	22	13.37	87.88	7.2	33.27	8.1	25.0	1.51
F30	07 Nov 2016	23	13.36	88.23	7.1	33.27	8.1	25.0	1.51
F30	07 Nov 2016	24	13.31	88.28	7.1	33.27	8.1	25.0	1.46
F30	07 Nov 2016	25	13.27	88.34	7.1	33.27	8.1	25.0	1.38
F30	07 Nov 2016	26	13.21	88.50	7.0	33.27	8.1	25.0	1.28
F30	07 Nov 2016	27	13.17	88.55	7.0	33.27	8.1	25.0	1.24
F30	07 Nov 2016	28	13.16	88.54	7.0	33.27	8.1	25.0	1.25
F30	07 Nov 2016	29	13.03	88.70	6.9	33.28	8.1	25.1	1.16
F30	07 Nov 2016	30	12.96	88.82	6.9	33.28	8.1	25.1	1.10
F30	07 Nov 2016	31	12.94	88.87	6.8	33.28	8.1	25.1	1.13
F30	07 Nov 2016	32	12.84	88.85	6.8	33.28	8.1	25.1	1.05
F30	07 Nov 2016	33	12.62	89.13	6.7	33.29	8.1	25.1	0.94
F30	07 Nov 2016	34	12.66	89.24	6.7	33.28	8.1	25.1	0.90
F30	07 Nov 2016	35	12.50	89.26	6.6	33.31	8.1	25.2	0.83
F30	07 Nov 2016	36	12.44	89.28	6.5	33.31	8.1	25.2	0.77
F30	07 Nov 2016	37	12.44	89.30	6.5	33.32	8.1	25.2	0.77
F30	07 Nov 2016	38	12.43	89.29	6.5	33.32	8.1	25.2	0.74
F30	07 Nov 2016	39	12.41	89.30	6.5	33.32	8.1	25.2	0.73
F30	07 Nov 2016	40	12.32	89.32	6.4	33.33	8.1	25.2	0.70
F30	07 Nov 2016	41	12.26	89.26	6.4	33.34	8.0	25.2	0.67
F30	07 Nov 2016	42	12.24	89.35	6.3	33.34	8.0	25.3	0.66
F30	07 Nov 2016	43	12.17	89.32	6.3	33.34	8.0	25.3	0.62
F30	07 Nov 2016	44	12.19	89.36	6.3	33.34	8.0	25.3	0.63
F30	07 Nov 2016	45	12.15	89.36	6.2	33.35	8.0	25.3	0.61
F30	07 Nov 2016	46	12.11	89.34	6.2	33.35	8.0	25.3	0.60
F30	07 Nov 2016	47	12.07	89.34	6.2	33.35	8.0	25.3	0.57

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F30	07 Nov 2016	48	12.05	89.34	6.1	33.36	8.0	25.3	0.56
F30	07 Nov 2016	49	12.03	89.30	6.1	33.36	8.0	25.3	0.54
F30	07 Nov 2016	50	12.03	89.33	6.1	33.36	8.0	25.3	0.54
F30	07 Nov 2016	51	12.01	89.32	6.1	33.36	8.0	25.3	0.53
F30	07 Nov 2016	52	12.00	89.09	6.1	33.36	8.0	25.3	0.55
F30	07 Nov 2016	53	11.96	89.31	6.0	33.37	8.0	25.3	0.54
F30	07 Nov 2016	54	11.88	89.23	5.9	33.38	8.0	25.4	0.50
F30	07 Nov 2016	55	11.82	89.21	5.9	33.38	8.0	25.4	0.49
F30	07 Nov 2016	56	11.79	89.16	5.8	33.39	8.0	25.4	0.47
F30	07 Nov 2016	57	11.72	88.97	5.7	33.41	8.0	25.4	0.44
F30	07 Nov 2016	58	11.71	88.96	5.7	33.41	8.0	25.4	0.44
F30	07 Nov 2016	59	11.57	89.08	5.7	33.42	8.0	25.4	0.43
F30	07 Nov 2016	60	11.49	89.19	5.6	33.42	8.0	25.5	0.43
F30	07 Nov 2016	61	11.47	89.20	5.6	33.42	8.0	25.5	0.43
F30	07 Nov 2016	62	11.47	89.21	5.6	33.42	8.0	25.5	0.45
F30	07 Nov 2016	63	11.46	89.04	5.6	33.42	8.0	25.5	0.44
F30	07 Nov 2016	64	11.43	89.06	5.6	33.43	8.0	25.5	0.43
F30	07 Nov 2016	65	11.25	88.62	5.4	33.45	8.0	25.5	0.40
F30	07 Nov 2016	66	11.04	86.81	5.1	33.45	8.0	25.6	0.36
F30	07 Nov 2016	67	10.97	83.52	5.0	33.45	8.0	25.6	0.33
F30	07 Nov 2016	68	10.97	82.21	4.9	33.44	8.0	25.6	0.32
F30	07 Nov 2016	69	10.85	80.82	4.8	33.45	7.9	25.6	0.31
F30	07 Nov 2016	70	10.80	79.67	4.7	33.45	7.9	25.6	0.29
F30	07 Nov 2016	71	10.83	80.13	4.7	33.45	7.9	25.6	0.30
F30	07 Nov 2016	72	10.81	79.51	4.7	33.45	7.9	25.6	0.30
F30	07 Nov 2016	73	10.80	79.60	4.7	33.45	7.9	25.6	0.29
F30	07 Nov 2016	74	10.79	79.63	4.7	33.45	7.9	25.6	0.29
F30	07 Nov 2016	75	10.80	79.72	4.7	33.45	7.9	25.6	0.29
F30	07 Nov 2016	76	10.80	80.18	4.7	33.46	7.9	25.6	0.29
F30	07 Nov 2016	77	10.77	80.06	4.7	33.47	7.9	25.6	0.28
F30	07 Nov 2016	78	10.76	79.83	4.6	33.47	7.9	25.6	0.28
F30	07 Nov 2016	79	10.77	79.98	4.6	33.47	7.9	25.6	0.28
F30	07 Nov 2016	80	10.74	79.92	4.6	33.48	7.9	25.6	0.28
F30	07 Nov 2016	81	10.74	80.05	4.6	33.48	7.9	25.6	0.28
F30	07 Nov 2016	82	10.74	80.05	4.6	33.48	7.9	25.6	0.27
F30	07 Nov 2016	83	10.74	80.34	4.6	33.49	7.9	25.6	0.28
F30	07 Nov 2016	84	10.73	81.18	4.6	33.49	7.9	25.6	0.28
F30	07 Nov 2016	85	10.74	82.01	4.6	33.51	7.9	25.7	0.28
F30	07 Nov 2016	86	10.74	83.03	4.7	33.53	7.9	25.7	0.28
F30	07 Nov 2016	87	10.77	85.20	4.7	33.56	7.9	25.7	0.28
F30	07 Nov 2016	88	10.77	86.56	4.8	33.57	7.9	25.7	0.28
F30	07 Nov 2016	89	10.76	86.93	4.7	33.58	7.9	25.7	0.27
F30	07 Nov 2016	90	10.73	86.04	4.7	33.59	7.9	25.7	0.27
F30	07 Nov 2016	91	10.73	85.80	4.7	33.59	7.9	25.7	0.27
F30	07 Nov 2016	92	10.61	86.17	4.5	33.63	7.9	25.8	0.26
F30	07 Nov 2016	93	10.59	86.59	4.5	33.64	7.9	25.8	0.26
F30	07 Nov 2016	94	10.54	87.97	4.4	33.66	7.9	25.8	0.24
F30	07 Nov 2016	95	10.51	87.48	4.3	33.67	7.9	25.8	0.24
F30	07 Nov 2016	96	10.50	87.15	4.3	33.67	7.9	25.8	0.24
F30	07 Nov 2016	97	10.48	86.63	4.3	33.67	7.9	25.8	0.24
F31	07 Nov 2016	1	18.07	78.75	8.2	33.39	8.2	24.0	0.52
F31	07 Nov 2016	2	18.06	85.77	8.2	33.39	8.2	24.0	0.53
F31	07 Nov 2016	3	18.00	85.69	8.2	33.39	8.2	24.0	0.56
F31	07 Nov 2016	4	17.87	85.70	8.2	33.39	8.2	24.1	0.58

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	07 Nov 2016	5	17.19	85.72	8.2	33.37	8.2	24.2	0.65
F31	07 Nov 2016	6	16.40	85.37	8.4	33.33	8.2	24.4	0.84
F31	07 Nov 2016	7	15.95	84.41	8.3	33.30	8.2	24.5	1.12
F31	07 Nov 2016	8	15.31	83.24	8.2	33.28	8.2	24.6	1.66
F31	07 Nov 2016	9	14.93	82.87	8.0	33.26	8.2	24.6	2.16
F31	07 Nov 2016	10	14.74	84.67	8.0	33.25	8.2	24.7	2.18
F31	07 Nov 2016	11	14.62	85.54	7.9	33.25	8.2	24.7	1.87
F31	07 Nov 2016	12	14.56	85.93	7.9	33.25	8.2	24.7	1.69
F31	07 Nov 2016	13	14.55	86.18	7.8	33.25	8.2	24.7	1.66
F31	07 Nov 2016	14	14.42	86.42	7.8	33.25	8.2	24.7	1.67
F31	07 Nov 2016	15	14.34	86.45	7.8	33.25	8.2	24.8	1.74
F31	07 Nov 2016	16	14.33	86.58	7.8	33.25	8.1	24.8	1.78
F31	07 Nov 2016	17	14.27	86.55	7.7	33.25	8.1	24.8	1.81
F31	07 Nov 2016	18	14.23	86.68	7.7	33.26	8.1	24.8	1.87
F31	07 Nov 2016	19	14.14	86.56	7.6	33.26	8.1	24.8	1.98
F31	07 Nov 2016	20	14.02	86.49	7.6	33.26	8.1	24.8	2.09
F31	07 Nov 2016	21	13.94	86.60	7.5	33.26	8.1	24.9	2.12
F31	07 Nov 2016	22	13.88	86.62	7.4	33.26	8.1	24.9	2.09
F31	07 Nov 2016	23	13.73	86.81	7.4	33.26	8.1	24.9	1.99
F31	07 Nov 2016	24	13.70	87.01	7.3	33.26	8.1	24.9	2.01
F31	07 Nov 2016	25	13.46	87.55	7.2	33.27	8.1	25.0	1.76
F31	07 Nov 2016	26	13.36	88.04	7.1	33.27	8.1	25.0	1.57
F31	07 Nov 2016	27	13.33	88.21	7.1	33.27	8.1	25.0	1.49
F31	07 Nov 2016	28	13.36	88.32	7.1	33.27	8.1	25.0	1.42
F31	07 Nov 2016	29	13.25	88.48	7.0	33.27	8.1	25.0	1.35
F31	07 Nov 2016	30	13.22	88.49	7.0	33.27	8.1	25.0	1.32
F31	07 Nov 2016	31	13.19	88.50	7.0	33.27	8.1	25.0	1.29
F31	07 Nov 2016	32	13.14	88.67	7.0	33.27	8.1	25.0	1.23
F31	07 Nov 2016	33	13.06	88.78	6.9	33.27	8.1	25.0	1.13
F31	07 Nov 2016	34	12.84	88.99	6.8	33.29	8.1	25.1	1.01
F31	07 Nov 2016	35	12.74	89.06	6.7	33.30	8.1	25.1	0.95
F31	07 Nov 2016	36	12.66	89.07	6.6	33.31	8.1	25.1	0.86
F31	07 Nov 2016	37	12.51	89.16	6.5	33.32	8.1	25.2	0.81
F31	07 Nov 2016	38	12.48	89.24	6.5	33.32	8.1	25.2	0.79
F31	07 Nov 2016	39	12.46	89.27	6.5	33.32	8.1	25.2	0.78
F31	07 Nov 2016	40	12.41	89.23	6.4	33.33	8.1	25.2	0.77
F31	07 Nov 2016	41	12.39	89.25	6.4	33.33	8.1	25.2	0.73
F31	07 Nov 2016	42	12.38	89.26	6.4	33.33	8.0	25.2	0.75
F31	07 Nov 2016	43	12.30	89.26	6.4	33.34	8.0	25.2	0.73
F31	07 Nov 2016	44	12.27	89.24	6.3	33.34	8.0	25.2	0.70
F31	07 Nov 2016	45	12.16	89.31	6.2	33.35	8.0	25.3	0.67
F31	07 Nov 2016	46	12.12	89.35	6.2	33.35	8.0	25.3	0.66
F31	07 Nov 2016	47	12.08	89.31	6.2	33.35	8.0	25.3	0.63
F31	07 Nov 2016	48	12.06	89.32	6.2	33.35	8.0	25.3	0.62
F31	07 Nov 2016	49	12.02	89.29	6.1	33.36	8.0	25.3	0.60
F31	07 Nov 2016	50	11.97	89.33	6.1	33.36	8.0	25.3	0.58
F31	07 Nov 2016	51	11.96	89.33	6.1	33.36	8.0	25.3	0.56
F31	07 Nov 2016	52	11.95	89.31	6.0	33.37	8.0	25.3	0.56
F31	07 Nov 2016	53	11.92	89.09	6.0	33.38	8.0	25.3	0.54
F31	07 Nov 2016	54	11.84	89.17	6.0	33.38	8.0	25.4	0.53
F31	07 Nov 2016	55	11.80	89.28	5.9	33.38	8.0	25.4	0.61
F31	07 Nov 2016	56	11.81	89.25	5.9	33.38	8.0	25.4	0.51
F31	07 Nov 2016	57	11.78	89.21	5.9	33.39	8.0	25.4	0.50
F31	07 Nov 2016	58	11.75	89.19	5.8	33.39	8.0	25.4	0.49
F31	07 Nov 2016	59	11.72	89.24	5.8	33.39	8.0	25.4	0.48

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F31	07 Nov 2016	60	11.66	89.15	5.8	33.40	8.0	25.4	0.47
F31	07 Nov 2016	61	11.60	89.06	5.7	33.42	8.0	25.4	0.45
F31	07 Nov 2016	62	11.58	89.01	5.6	33.42	8.0	25.4	0.43
F31	07 Nov 2016	63	11.56	88.92	5.6	33.42	8.0	25.4	0.44
F31	07 Nov 2016	64	11.52	89.09	5.6	33.42	8.0	25.4	0.44
F31	07 Nov 2016	65	11.50	89.12	5.6	33.42	8.0	25.5	0.44
F31	07 Nov 2016	66	11.47	89.19	5.7	33.42	8.0	25.5	0.45
F31	07 Nov 2016	67	11.45	89.19	5.6	33.42	8.0	25.5	0.44
F31	07 Nov 2016	68	11.41	89.05	5.6	33.42	8.0	25.5	0.44
F31	07 Nov 2016	69	11.41	89.04	5.6	33.42	8.0	25.5	0.43
F31	07 Nov 2016	70	11.40	89.03	5.6	33.43	8.0	25.5	0.43
F31	07 Nov 2016	71	11.39	89.01	5.6	33.43	8.0	25.5	0.43
F31	07 Nov 2016	72	11.35	88.74	5.5	33.43	8.0	25.5	0.42
F31	07 Nov 2016	73	11.30	88.75	5.5	33.44	7.9	25.5	0.40
F31	07 Nov 2016	74	11.22	88.91	5.4	33.45	7.9	25.5	0.40
F31	07 Nov 2016	75	11.17	88.36	5.3	33.46	7.9	25.5	0.43
F31	07 Nov 2016	76	11.03	86.18	5.1	33.47	7.9	25.6	0.36
F31	07 Nov 2016	77	10.93	84.95	5.0	33.49	7.9	25.6	0.32
F31	07 Nov 2016	78	10.91	85.49	5.0	33.51	7.9	25.6	0.31
F31	07 Nov 2016	79	10.90	86.35	4.9	33.52	7.9	25.6	0.30
F31	07 Nov 2016	80	10.86	86.00	4.9	33.53	7.9	25.7	0.30
F31	07 Nov 2016	81	10.86	86.39	4.9	33.54	7.9	25.7	0.30
F31	07 Nov 2016	82	10.84	87.44	4.9	33.55	7.9	25.7	0.30
F31	07 Nov 2016	83	10.83	87.35	4.9	33.56	7.9	25.7	0.29
F31	07 Nov 2016	84	10.81	87.13	4.8	33.56	7.9	25.7	0.30
F31	07 Nov 2016	85	10.80	87.55	4.8	33.57	7.9	25.7	0.29
F31	07 Nov 2016	86	10.78	87.73	4.8	33.57	7.9	25.7	0.29
F31	07 Nov 2016	87	10.79	87.67	4.8	33.57	7.9	25.7	0.29
F31	07 Nov 2016	88	10.75	87.41	4.8	33.58	7.9	25.7	0.28
F31	07 Nov 2016	89	10.75	87.22	4.8	33.58	7.9	25.7	0.28
F31	07 Nov 2016	90	10.73	86.87	4.7	33.59	7.9	25.7	0.28
F31	07 Nov 2016	91	10.70	86.81	4.7	33.60	7.9	25.7	0.28
F31	07 Nov 2016	92	10.67	86.87	4.6	33.61	7.9	25.8	0.27
F31	07 Nov 2016	93	10.66	86.87	4.6	33.61	7.9	25.8	0.27
F31	07 Nov 2016	94	10.64	86.79	4.6	33.62	7.9	25.8	0.27
F31	07 Nov 2016	95	10.60	86.56	4.5	33.63	7.9	25.8	0.27
F31	07 Nov 2016	96	10.54	85.64	4.5	33.65	7.9	25.8	0.27
F31	07 Nov 2016	97	10.46	83.05	4.3	33.68	7.9	25.8	0.26
F31	07 Nov 2016	98	10.43	80.83	4.3	33.69	7.9	25.9	0.25
F32	07 Nov 2016	1	16.83	85.63	8.5	33.33	8.1	24.3	0.55
F32	07 Nov 2016	2	16.79	85.67	8.5	33.33	8.1	24.3	0.57
F32	07 Nov 2016	3	16.71	85.66	8.6	33.33	8.1	24.3	0.63
F32	07 Nov 2016	4	16.67	85.79	8.6	33.33	8.1	24.3	0.70
F32	07 Nov 2016	5	16.50	85.90	8.5	33.33	8.1	24.3	0.85
F32	07 Nov 2016	6	16.34	86.06	8.5	33.32	8.1	24.4	0.95
F32	07 Nov 2016	7	15.99	85.20	8.4	33.32	8.1	24.5	1.20
F32	07 Nov 2016	8	15.38	83.94	8.3	33.30	8.1	24.6	1.60
F32	07 Nov 2016	9	14.93	82.76	8.2	33.28	8.1	24.7	2.24
F32	07 Nov 2016	10	14.91	82.05	8.2	33.27	8.1	24.7	2.66
F32	07 Nov 2016	11	14.71	82.40	8.0	33.27	8.1	24.7	2.98
F32	07 Nov 2016	12	14.62	83.85	7.9	33.26	8.1	24.7	2.83
F32	07 Nov 2016	13	14.60	84.88	7.9	33.26	8.1	24.7	2.65
F32	07 Nov 2016	14	14.58	85.38	7.8	33.26	8.1	24.7	2.52
F32	07 Nov 2016	15	14.55	85.59	7.8	33.26	8.1	24.7	2.42

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	07 Nov 2016	16	14.46	86.00	7.7	33.26	8.1	24.7	2.20
F32	07 Nov 2016	17	14.37	86.26	7.7	33.26	8.1	24.8	2.12
F32	07 Nov 2016	18	14.32	86.47	7.6	33.26	8.1	24.8	2.16
F32	07 Nov 2016	19	14.09	86.68	7.6	33.26	8.1	24.8	2.10
F32	07 Nov 2016	20	14.06	86.68	7.6	33.26	8.1	24.8	2.13
F32	07 Nov 2016	21	13.99	86.69	7.5	33.26	8.1	24.8	2.17
F32	07 Nov 2016	22	13.94	86.51	7.5	33.26	8.1	24.9	2.25
F32	07 Nov 2016	23	13.81	86.58	7.4	33.26	8.1	24.9	2.26
F32	07 Nov 2016	24	13.67	86.88	7.3	33.26	8.1	24.9	2.18
F32	07 Nov 2016	25	13.63	87.19	7.3	33.26	8.1	24.9	2.12
F32	07 Nov 2016	26	13.58	87.26	7.2	33.26	8.1	24.9	2.06
F32	07 Nov 2016	27	13.54	87.51	7.2	33.27	8.1	24.9	1.97
F32	07 Nov 2016	28	13.46	87.49	7.2	33.27	8.1	25.0	1.89
F32	07 Nov 2016	29	13.42	87.74	7.1	33.27	8.1	25.0	1.80
F32	07 Nov 2016	30	13.37	87.89	7.1	33.27	8.1	25.0	1.71
F32	07 Nov 2016	31	13.34	88.01	7.0	33.27	8.1	25.0	1.64
F32	07 Nov 2016	32	13.28	88.24	7.0	33.27	8.1	25.0	1.53
F32	07 Nov 2016	33	13.21	88.38	7.0	33.27	8.1	25.0	1.45
F32	07 Nov 2016	34	13.16	88.49	6.9	33.27	8.1	25.0	1.44
F32	07 Nov 2016	35	13.13	88.52	6.9	33.27	8.1	25.0	1.35
F32	07 Nov 2016	36	13.10	88.49	6.9	33.28	8.1	25.0	1.24
F32	07 Nov 2016	37	13.08	88.61	6.9	33.28	8.1	25.0	1.19
F32	07 Nov 2016	38	13.06	88.68	6.9	33.28	8.1	25.1	1.17
F32	07 Nov 2016	39	13.03	88.75	6.8	33.28	8.0	25.1	1.12
F32	07 Nov 2016	40	12.99	88.77	6.8	33.29	8.0	25.1	1.04
F32	07 Nov 2016	41	12.92	88.86	6.8	33.28	8.0	25.1	1.02
F32	07 Nov 2016	42	12.81	89.00	6.7	33.29	8.0	25.1	1.10
F32	07 Nov 2016	43	12.71	89.05	6.7	33.30	8.0	25.1	0.93
F32	07 Nov 2016	44	12.67	89.07	6.6	33.30	8.0	25.1	0.87
F32	07 Nov 2016	45	12.66	89.15	6.6	33.30	8.0	25.1	0.83
F32	07 Nov 2016	46	12.56	89.13	6.5	33.32	8.0	25.2	0.80
F32	07 Nov 2016	47	12.53	89.11	6.5	33.32	8.0	25.2	0.78
F32	07 Nov 2016	48	12.53	89.15	6.5	33.32	8.0	25.2	0.76
F32	07 Nov 2016	49	12.47	89.19	6.4	33.32	8.0	25.2	0.74
F32	07 Nov 2016	50	12.39	89.24	6.4	33.33	8.0	25.2	0.71
F32	07 Nov 2016	51	12.32	89.22	6.3	33.34	8.0	25.2	0.68
F32	07 Nov 2016	52	12.32	89.19	6.3	33.34	8.0	25.2	0.67
F32	07 Nov 2016	53	12.18	89.26	6.2	33.35	8.0	25.3	0.72
F32	07 Nov 2016	54	12.10	89.29	6.2	33.35	8.0	25.3	0.63
F32	07 Nov 2016	55	12.13	89.30	6.2	33.35	8.0	25.3	0.62
F32	07 Nov 2016	56	12.05	89.23	6.1	33.35	8.0	25.3	0.61
F32	07 Nov 2016	57	12.03	89.27	6.1	33.36	8.0	25.3	0.61
F32	07 Nov 2016	58	12.02	89.32	6.1	33.36	8.0	25.3	0.59
F32	07 Nov 2016	59	12.00	89.35	6.1	33.36	8.0	25.3	0.68
F32	07 Nov 2016	60	11.93	89.19	6.0	33.37	8.0	25.3	0.61
F32	07 Nov 2016	61	11.78	89.25	5.9	33.38	8.0	25.4	0.55
F32	07 Nov 2016	62	11.71	89.25	5.9	33.39	8.0	25.4	0.51
F32	07 Nov 2016	63	11.72	89.23	5.8	33.38	8.0	25.4	0.51
F32	07 Nov 2016	64	11.60	89.30	5.8	33.40	8.0	25.4	0.47
F32	07 Nov 2016	65	11.55	89.26	5.7	33.41	8.0	25.4	0.46
F32	07 Nov 2016	66	11.54	89.22	5.7	33.41	8.0	25.4	0.44
F32	07 Nov 2016	67	11.52	89.25	5.7	33.41	8.0	25.4	0.45
F32	07 Nov 2016	68	11.50	89.20	5.7	33.41	8.0	25.4	0.44
F32	07 Nov 2016	69	11.46	89.17	5.7	33.42	8.0	25.5	0.43
F32	07 Nov 2016	70	11.46	89.15	5.6	33.42	8.0	25.5	0.43

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F32	07 Nov 2016	71	11.41	89.07	5.6	33.42	8.0	25.5	0.42
F32	07 Nov 2016	72	11.40	88.92	5.6	33.42	8.0	25.5	0.42
F32	07 Nov 2016	73	11.24	88.67	5.4	33.45	8.0	25.5	0.39
F32	07 Nov 2016	74	11.10	88.11	5.3	33.47	8.0	25.6	0.35
F32	07 Nov 2016	75	11.06	87.94	5.2	33.48	8.0	25.6	0.33
F32	07 Nov 2016	76	11.05	88.06	5.2	33.48	7.9	25.6	0.32
F32	07 Nov 2016	77	11.03	88.07	5.2	33.49	7.9	25.6	0.33
F32	07 Nov 2016	78	10.92	87.54	5.0	33.52	7.9	25.6	0.30
F32	07 Nov 2016	79	10.90	87.23	5.0	33.52	7.9	25.6	0.29
F32	07 Nov 2016	80	10.88	87.14	4.9	33.53	7.9	25.7	0.29
F32	07 Nov 2016	81	10.87	87.22	4.9	33.53	7.9	25.7	0.28
F32	07 Nov 2016	82	10.82	85.88	4.8	33.54	7.9	25.7	0.28
F32	07 Nov 2016	83	10.81	86.09	4.8	33.55	7.9	25.7	0.28
F32	07 Nov 2016	84	10.81	87.39	4.9	33.56	7.9	25.7	0.27
F32	07 Nov 2016	85	10.80	87.87	4.8	33.56	7.9	25.7	0.28
F32	07 Nov 2016	86	10.77	87.98	4.8	33.56	7.9	25.7	0.28
F32	07 Nov 2016	87	10.75	87.88	4.8	33.57	7.9	25.7	0.27
F32	07 Nov 2016	88	10.73	87.72	4.8	33.58	7.9	25.7	0.27
F32	07 Nov 2016	89	10.73	87.64	4.8	33.58	7.9	25.7	0.27
F32	07 Nov 2016	90	10.70	87.11	4.7	33.58	7.9	25.7	0.27
F32	07 Nov 2016	91	10.69	85.97	4.7	33.59	7.9	25.7	0.26
F32	07 Nov 2016	92	10.67	85.34	4.6	33.60	7.9	25.7	0.26
F32	07 Nov 2016	93	10.60	85.80	4.5	33.62	7.9	25.8	0.25
F32	07 Nov 2016	94	10.57	85.96	4.5	33.63	7.9	25.8	0.26
F32	07 Nov 2016	95	10.54	86.14	4.5	33.64	7.9	25.8	0.24
F32	07 Nov 2016	96	10.54	86.82	4.4	33.65	7.9	25.8	0.24
F32	07 Nov 2016	97	10.48	87.19	4.4	33.67	7.9	25.8	0.23
F32	07 Nov 2016	98	10.45	87.20	4.4	33.67	7.9	25.8	0.24
F32	07 Nov 2016	99	10.41	86.31	4.3	33.68	7.9	25.9	0.23
F32	07 Nov 2016	100	10.36	83.04	4.3	33.70	7.9	25.9	0.23
F32	07 Nov 2016	101	10.36	81.86	4.3	33.70	7.9	25.9	0.23
F33	07 Nov 2016	1	17.40	82.96	8.5	33.35	8.1	24.2	1.12
F33	07 Nov 2016	2	17.43	82.91	8.5	33.36	8.1	24.2	1.05
F33	07 Nov 2016	3	17.32	82.42	8.5	33.35	8.1	24.2	1.26
F33	07 Nov 2016	4	17.07	81.77	8.6	33.34	8.1	24.2	1.58
F33	07 Nov 2016	5	16.92	80.81	8.7	33.33	8.1	24.3	1.88
F33	07 Nov 2016	6	16.80	80.80	8.6	33.33	8.1	24.3	2.26
F33	07 Nov 2016	7	16.21	81.16	8.6	33.32	8.1	24.4	2.90
F33	07 Nov 2016	8	15.96	81.50	8.6	33.30	8.1	24.5	3.36
F33	07 Nov 2016	9	15.95	81.96	8.6	33.30	8.1	24.5	3.43
F33	07 Nov 2016	10	15.94	82.39	8.6	33.30	8.1	24.5	3.43
F33	07 Nov 2016	11	15.92	82.73	8.5	33.30	8.1	24.5	3.25
F33	07 Nov 2016	12	15.88	83.10	8.5	33.30	8.1	24.5	3.26
F33	07 Nov 2016	13	15.77	83.21	8.4	33.30	8.1	24.5	3.23
F33	07 Nov 2016	14	15.62	83.95	8.3	33.30	8.1	24.5	2.91
F33	07 Nov 2016	15	15.46	84.12	8.2	33.30	8.1	24.6	2.83
F33	07 Nov 2016	16	15.16	83.86	8.1	33.29	8.1	24.6	2.72
F33	07 Nov 2016	17	14.95	84.08	7.9	33.29	8.1	24.7	2.65
F33	07 Nov 2016	18	14.77	83.68	7.8	33.28	8.1	24.7	2.70
F33	07 Nov 2016	19	14.55	83.25	7.7	33.28	8.1	24.7	2.88
F33	07 Nov 2016	20	14.43	82.88	7.6	33.28	8.1	24.8	2.93
F33	07 Nov 2016	21	14.43	83.10	7.6	33.28	8.1	24.8	3.04
F33	07 Nov 2016	22	14.15	82.66	7.7	33.27	8.1	24.8	3.49
F33	07 Nov 2016	23	14.07	82.02	7.6	33.27	8.1	24.8	3.83

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	07 Nov 2016	24	14.00	82.01	7.5	33.27	8.1	24.8	3.81
F33	07 Nov 2016	25	13.89	83.07	7.3	33.27	8.1	24.9	3.51
F33	07 Nov 2016	26	13.88	83.35	7.1	33.27	8.1	24.9	3.47
F33	07 Nov 2016	27	13.81	84.13	6.9	33.29	8.1	24.9	3.18
F33	07 Nov 2016	28	13.76	84.99	6.9	33.29	8.1	24.9	2.75
F33	07 Nov 2016	29	13.74	85.75	6.9	33.29	8.1	24.9	2.48
F33	07 Nov 2016	30	13.71	85.79	6.9	33.28	8.1	24.9	2.43
F33	07 Nov 2016	31	13.69	85.87	7.0	33.28	8.1	24.9	2.40
F33	07 Nov 2016	32	13.51	86.62	7.0	33.28	8.1	25.0	2.04
F33	07 Nov 2016	33	13.29	87.76	7.0	33.27	8.1	25.0	1.67
F33	07 Nov 2016	34	13.16	88.50	7.0	33.26	8.1	25.0	1.35
F33	07 Nov 2016	35	13.11	88.65	7.0	33.26	8.1	25.0	1.21
F33	07 Nov 2016	36	13.08	88.72	6.9	33.27	8.1	25.0	1.14
F33	07 Nov 2016	37	13.05	88.76	6.8	33.27	8.1	25.0	1.09
F33	07 Nov 2016	38	13.00	88.79	6.8	33.28	8.1	25.1	1.04
F33	07 Nov 2016	39	12.99	88.75	6.8	33.29	8.1	25.1	1.01
F33	07 Nov 2016	40	12.95	88.67	6.7	33.29	8.1	25.1	1.01
F33	07 Nov 2016	41	12.91	88.76	6.6	33.30	8.1	25.1	0.96
F33	07 Nov 2016	42	12.78	88.94	6.6	33.31	8.0	25.1	0.89
F33	07 Nov 2016	43	12.72	89.01	6.6	33.31	8.0	25.1	0.84
F33	07 Nov 2016	44	12.66	89.04	6.5	33.31	8.0	25.2	0.80
F33	07 Nov 2016	45	12.62	89.09	6.5	33.31	8.0	25.2	0.81
F33	07 Nov 2016	46	12.56	89.08	6.5	33.32	8.0	25.2	0.77
F33	07 Nov 2016	47	12.55	89.06	6.5	33.32	8.0	25.2	0.73
F33	07 Nov 2016	48	12.47	89.12	6.4	33.33	8.0	25.2	0.71
F33	07 Nov 2016	49	12.37	89.13	6.3	33.33	8.0	25.2	0.68
F33	07 Nov 2016	50	12.34	89.10	6.3	33.34	8.0	25.2	0.64
F33	07 Nov 2016	51	12.20	89.12	6.2	33.35	8.0	25.3	0.59
F33	07 Nov 2016	52	12.10	89.15	6.1	33.36	8.0	25.3	0.56
F33	07 Nov 2016	53	12.06	89.09	6.0	33.36	8.0	25.3	0.54
F33	07 Nov 2016	54	12.02	89.01	6.0	33.37	8.0	25.3	0.53
F33	07 Nov 2016	55	11.98	89.14	6.0	33.37	8.0	25.3	0.52
F33	07 Nov 2016	56	11.96	89.14	6.0	33.37	8.0	25.3	0.54
F33	07 Nov 2016	57	11.93	89.21	6.0	33.37	8.0	25.3	0.53
F33	07 Nov 2016	58	11.83	89.24	5.9	33.38	8.0	25.4	0.53
F33	07 Nov 2016	59	11.75	89.19	5.9	33.38	8.0	25.4	0.51
F33	07 Nov 2016	60	11.73	89.15	5.8	33.39	8.0	25.4	0.48
F33	07 Nov 2016	61	11.68	89.12	5.8	33.40	8.0	25.4	0.47
F33	07 Nov 2016	62	11.67	89.09	5.8	33.40	8.0	25.4	0.45
F33	07 Nov 2016	63	11.68	89.09	5.8	33.40	8.0	25.4	0.45
F33	07 Nov 2016	64	11.67	89.09	5.8	33.40	8.0	25.4	0.44
F33	07 Nov 2016	65	11.66	89.09	5.7	33.40	8.0	25.4	0.44
F33	07 Nov 2016	66	11.66	89.09	5.7	33.41	8.0	25.4	0.43
F33	07 Nov 2016	67	11.40	88.91	5.6	33.44	8.0	25.5	0.40
F33	07 Nov 2016	68	11.31	88.81	5.5	33.45	8.0	25.5	0.39
F33	07 Nov 2016	69	11.29	88.81	5.4	33.45	8.0	25.5	0.37
F33	07 Nov 2016	70	11.23	88.63	5.4	33.45	8.0	25.5	0.36
F33	07 Nov 2016	71	11.18	88.08	5.3	33.46	8.0	25.5	0.35
F33	07 Nov 2016	72	11.02	87.37	5.2	33.48	8.0	25.6	0.31
F33	07 Nov 2016	73	10.99	87.13	5.1	33.48	7.9	25.6	0.30
F33	07 Nov 2016	74	10.95	87.16	5.0	33.49	7.9	25.6	0.30
F33	07 Nov 2016	75	10.92	86.76	5.0	33.49	7.9	25.6	0.29
F33	07 Nov 2016	76	10.91	86.69	5.0	33.49	7.9	25.6	0.29
F33	07 Nov 2016	77	10.89	86.42	4.9	33.50	7.9	25.6	0.28
F33	07 Nov 2016	78	10.88	86.45	4.9	33.51	7.9	25.6	0.28

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F33	07 Nov 2016	79	10.86	86.33	4.9	33.51	7.9	25.6	0.28
F33	07 Nov 2016	80	10.81	85.99	4.8	33.53	7.9	25.7	0.27
F33	07 Nov 2016	81	10.81	85.59	4.8	33.53	7.9	25.7	0.27
F33	07 Nov 2016	82	10.82	85.25	4.8	33.53	7.9	25.7	0.27
F33	07 Nov 2016	83	10.82	84.90	4.8	33.54	7.9	25.7	0.27
F33	07 Nov 2016	84	10.82	84.56	4.8	33.54	7.9	25.7	0.27
F33	07 Nov 2016	85	10.82	83.93	4.8	33.54	7.9	25.7	0.27
F33	07 Nov 2016	86	10.82	83.44	4.8	33.54	7.9	25.7	0.26
F33	07 Nov 2016	87	10.81	82.70	4.8	33.55	7.9	25.7	0.27
F33	07 Nov 2016	88	10.79	81.83	4.8	33.55	7.9	25.7	0.27
F33	07 Nov 2016	89	10.79	81.98	4.8	33.55	7.9	25.7	0.27
F33	07 Nov 2016	90	10.71	81.59	4.7	33.58	7.9	25.7	0.26
F33	07 Nov 2016	91	10.55	84.50	4.6	33.63	7.9	25.8	0.24
F33	07 Nov 2016	92	10.54	85.52	4.5	33.63	7.9	25.8	0.24
F33	07 Nov 2016	93	10.54	86.15	4.5	33.63	7.9	25.8	0.24
F33	07 Nov 2016	94	10.54	86.44	4.5	33.63	7.9	25.8	0.24
F33	07 Nov 2016	95	10.53	86.30	4.5	33.63	7.9	25.8	0.24
F33	07 Nov 2016	96	10.46	87.35	4.5	33.64	7.9	25.8	0.23
F33	07 Nov 2016	97	10.42	87.60	4.5	33.65	7.9	25.8	0.23
F33	07 Nov 2016	98	10.39	87.34	4.4	33.67	7.9	25.8	0.23
F33	07 Nov 2016	99	10.32	85.71	4.3	33.69	7.9	25.9	0.22
F33	07 Nov 2016	100	10.30	83.72	4.3	33.70	7.9	25.9	0.22
F33	07 Nov 2016	101	10.29	82.54	4.2	33.70	7.9	25.9	0.22
F34	07 Nov 2016	1	18.29	85.48	8.1	33.39	8.1	24.0	0.85
F34	07 Nov 2016	2	18.19	85.45	8.1	33.40	8.1	24.0	0.85
F34	07 Nov 2016	3	17.77	84.80	8.1	33.39	8.1	24.1	1.00
F34	07 Nov 2016	4	17.11	83.95	8.3	33.36	8.1	24.2	1.24
F34	07 Nov 2016	5	17.07	83.62	8.3	33.35	8.1	24.2	1.49
F34	07 Nov 2016	6	16.70	83.65	8.3	33.34	8.1	24.3	1.74
F34	07 Nov 2016	7	15.95	82.77	8.4	33.32	8.1	24.5	2.21
F34	07 Nov 2016	8	15.81	81.77	8.4	33.30	8.1	24.5	2.76
F34	07 Nov 2016	9	15.50	82.25	8.5	33.30	8.1	24.6	2.97
F34	07 Nov 2016	10	15.20	82.86	8.4	33.28	8.1	24.6	3.07
F34	07 Nov 2016	11	14.86	81.74	8.1	33.28	8.2	24.7	3.96
F34	07 Nov 2016	12	14.84	81.11	8.0	33.28	8.1	24.7	4.41
F34	07 Nov 2016	13	14.83	81.15	7.9	33.28	8.1	24.7	4.43
F34	07 Nov 2016	14	14.83	81.07	7.9	33.28	8.1	24.7	4.33
F34	07 Nov 2016	15	14.82	81.30	7.9	33.29	8.1	24.7	4.37
F34	07 Nov 2016	16	14.82	81.38	7.9	33.29	8.1	24.7	4.31
F34	07 Nov 2016	17	14.80	81.40	7.8	33.29	8.1	24.7	4.12
F34	07 Nov 2016	18	14.79	81.36	7.8	33.29	8.1	24.7	4.21
F34	07 Nov 2016	19	14.71	81.34	7.6	33.30	8.1	24.7	4.19
F34	07 Nov 2016	20	14.60	81.43	7.5	33.30	8.1	24.7	4.16
F34	07 Nov 2016	21	14.50	81.94	7.5	33.29	8.1	24.8	3.73
F34	07 Nov 2016	22	14.48	82.38	7.4	33.29	8.1	24.8	3.56
F34	07 Nov 2016	23	14.39	82.54	7.4	33.29	8.1	24.8	3.32
F34	07 Nov 2016	24	14.25	83.33	7.2	33.29	8.1	24.8	2.84
F34	07 Nov 2016	25	14.08	84.09	7.2	33.29	8.1	24.9	2.46
F34	07 Nov 2016	26	14.06	84.59	7.2	33.29	8.1	24.9	2.27
F34	07 Nov 2016	27	13.98	84.52	7.1	33.29	8.1	24.9	2.19
F34	07 Nov 2016	28	13.92	84.41	7.1	33.28	8.1	24.9	2.35
F34	07 Nov 2016	29	13.79	84.57	7.2	33.28	8.1	24.9	2.56
F34	07 Nov 2016	30	13.58	85.54	7.1	33.27	8.1	24.9	2.67
F34	07 Nov 2016	31	13.58	86.12	7.0	33.27	8.1	24.9	2.51

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	07 Nov 2016	32	13.39	87.01	7.0	33.27	8.1	25.0	1.96
F34	07 Nov 2016	33	13.35	87.57	6.9	33.27	8.1	25.0	1.70
F34	07 Nov 2016	34	13.33	87.87	6.8	33.28	8.1	25.0	1.45
F34	07 Nov 2016	35	13.31	88.13	6.7	33.29	8.1	25.0	1.27
F34	07 Nov 2016	36	13.25	87.99	6.7	33.29	8.1	25.0	1.25
F34	07 Nov 2016	37	13.07	87.60	6.7	33.29	8.1	25.1	1.20
F34	07 Nov 2016	38	12.99	88.33	6.7	33.29	8.1	25.1	1.12
F34	07 Nov 2016	39	12.96	88.55	6.6	33.29	8.1	25.1	1.07
F34	07 Nov 2016	40	12.84	88.63	6.6	33.30	8.1	25.1	1.03
F34	07 Nov 2016	41	12.82	88.69	6.6	33.30	8.0	25.1	0.96
F34	07 Nov 2016	42	12.77	88.69	6.5	33.30	8.0	25.1	0.89
F34	07 Nov 2016	43	12.73	88.61	6.5	33.31	8.0	25.1	0.84
F34	07 Nov 2016	44	12.69	88.62	6.4	33.31	8.0	25.1	0.79
F34	07 Nov 2016	45	12.59	88.58	6.4	33.32	8.0	25.2	0.76
F34	07 Nov 2016	46	12.53	88.63	6.3	33.32	8.0	25.2	0.74
F34	07 Nov 2016	47	12.36	88.61	6.3	33.33	8.0	25.2	0.69
F34	07 Nov 2016	48	12.27	88.91	6.2	33.33	8.0	25.2	0.66
F34	07 Nov 2016	49	12.26	88.95	6.2	33.34	8.0	25.2	0.63
F34	07 Nov 2016	50	12.25	89.01	6.2	33.34	8.0	25.3	0.60
F34	07 Nov 2016	51	12.18	89.02	6.2	33.35	8.0	25.3	0.58
F34	07 Nov 2016	52	12.14	89.00	6.1	33.35	8.0	25.3	0.56
F34	07 Nov 2016	53	12.01	89.05	6.0	33.37	8.0	25.3	0.54
F34	07 Nov 2016	54	11.94	89.14	6.0	33.37	8.0	25.3	0.52
F34	07 Nov 2016	55	11.95	89.12	6.0	33.37	8.0	25.3	0.51
F34	07 Nov 2016	56	11.77	89.07	5.9	33.39	8.0	25.4	0.47
F34	07 Nov 2016	57	11.73	89.09	5.8	33.39	8.0	25.4	0.45
F34	07 Nov 2016	58	11.71	89.08	5.8	33.40	8.0	25.4	0.42
F34	07 Nov 2016	59	11.69	89.06	5.8	33.40	8.0	25.4	0.42
F34	07 Nov 2016	60	11.66	89.03	5.7	33.40	8.0	25.4	0.42
F34	07 Nov 2016	61	11.61	89.03	5.7	33.41	8.0	25.4	0.41
F34	07 Nov 2016	62	11.49	88.80	5.6	33.42	8.0	25.5	0.39
F34	07 Nov 2016	63	11.48	88.76	5.5	33.42	8.0	25.5	0.37
F34	07 Nov 2016	64	11.32	87.65	5.4	33.43	8.0	25.5	0.34
F34	07 Nov 2016	65	11.24	86.81	5.3	33.43	8.0	25.5	0.32
F34	07 Nov 2016	66	11.08	85.61	5.1	33.44	8.0	25.5	0.29
F34	07 Nov 2016	67	11.06	84.92	5.0	33.44	8.0	25.6	0.28
F34	07 Nov 2016	68	11.06	84.93	5.0	33.44	8.0	25.6	0.27
F34	07 Nov 2016	69	11.04	85.25	5.1	33.47	8.0	25.6	0.28
F34	07 Nov 2016	70	11.01	86.64	5.1	33.48	7.9	25.6	0.27
F34	07 Nov 2016	71	11.01	85.52	5.1	33.49	7.9	25.6	0.27
F34	07 Nov 2016	72	10.94	83.65	5.0	33.49	7.9	25.6	0.26
F34	07 Nov 2016	73	10.94	82.33	4.9	33.50	7.9	25.6	0.26
F34	07 Nov 2016	74	10.93	81.63	4.9	33.51	7.9	25.6	0.26
F34	07 Nov 2016	75	10.92	81.71	4.9	33.51	7.9	25.6	0.25
F34	07 Nov 2016	76	10.88	81.92	4.9	33.51	7.9	25.6	0.25
F34	07 Nov 2016	77	10.87	82.37	4.8	33.52	7.9	25.6	0.25
F34	07 Nov 2016	78	10.87	82.15	4.8	33.52	7.9	25.6	0.24
F34	07 Nov 2016	79	10.86	82.01	4.8	33.52	7.9	25.6	0.25
F34	07 Nov 2016	80	10.83	82.35	4.8	33.52	7.9	25.7	0.25
F34	07 Nov 2016	81	10.83	82.87	4.8	33.52	7.9	25.7	0.25
F34	07 Nov 2016	82	10.82	82.44	4.8	33.53	7.9	25.7	0.24
F34	07 Nov 2016	83	10.80	82.67	4.8	33.53	7.9	25.7	0.24
F34	07 Nov 2016	84	10.76	83.65	4.7	33.54	7.9	25.7	0.24
F34	07 Nov 2016	85	10.74	84.10	4.7	33.55	7.9	25.7	0.23
F34	07 Nov 2016	86	10.73	84.01	4.7	33.55	7.9	25.7	0.23

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F34	07 Nov 2016	87	10.74	84.17	4.7	33.55	7.9	25.7	0.23
F34	07 Nov 2016	88	10.72	84.17	4.7	33.55	7.9	25.7	0.23
F34	07 Nov 2016	89	10.72	84.24	4.7	33.55	7.9	25.7	0.23
F34	07 Nov 2016	90	10.72	84.10	4.7	33.55	7.9	25.7	0.24
F34	07 Nov 2016	91	10.72	84.16	4.7	33.55	7.9	25.7	0.23
F34	07 Nov 2016	92	10.72	84.26	4.7	33.55	7.9	25.7	0.24
F34	07 Nov 2016	93	10.72	84.28	4.7	33.55	7.9	25.7	0.23
F34	07 Nov 2016	94	10.72	84.27	4.7	33.55	7.9	25.7	0.24
F34	07 Nov 2016	95	10.72	84.19	4.7	33.56	7.9	25.7	0.23
F34	07 Nov 2016	96	10.69	84.02	4.6	33.57	7.9	25.7	0.24
F34	07 Nov 2016	97	10.53	84.53	4.5	33.62	7.9	25.8	0.23
F34	07 Nov 2016	98	10.41	85.22	4.4	33.66	7.9	25.8	0.22
F34	07 Nov 2016	99	10.36	83.59	4.3	33.67	7.9	25.9	0.21
F34	07 Nov 2016	100	10.33	82.23	4.3	33.68	7.9	25.9	0.22
F35	07 Nov 2016	1	19.04	87.38	8.0	33.42	8.1	23.8	0.36
F35	07 Nov 2016	2	19.02	87.76	8.0	33.42	8.1	23.8	0.32
F35	07 Nov 2016	3	18.98	87.77	8.1	33.42	8.1	23.8	0.34
F35	07 Nov 2016	4	18.97	87.65	8.1	33.41	8.1	23.8	0.36
F35	07 Nov 2016	5	18.94	87.70	8.1	33.41	8.1	23.8	0.38
F35	07 Nov 2016	6	18.88	87.75	8.1	33.41	8.2	23.8	0.40
F35	07 Nov 2016	7	18.79	87.52	8.1	33.41	8.2	23.9	0.45
F35	07 Nov 2016	8	18.62	87.65	8.1	33.41	8.2	23.9	0.46
F35	07 Nov 2016	9	18.24	87.35	8.3	33.39	8.2	24.0	0.55
F35	07 Nov 2016	10	18.13	87.29	8.2	33.38	8.2	24.0	0.62
F35	07 Nov 2016	11	17.55	86.86	8.3	33.36	8.2	24.1	0.75
F35	07 Nov 2016	12	16.46	86.85	8.4	33.31	8.2	24.3	0.87
F35	07 Nov 2016	13	15.95	87.04	8.2	33.28	8.2	24.4	1.13
F35	07 Nov 2016	14	15.22	85.73	7.9	33.27	8.2	24.6	1.91
F35	07 Nov 2016	15	15.01	82.44	7.9	33.27	8.2	24.6	2.81
F35	07 Nov 2016	16	14.40	81.10	7.5	33.29	8.2	24.8	3.38
F35	07 Nov 2016	17	14.12	81.50	7.4	33.27	8.2	24.8	3.88
F35	07 Nov 2016	18	14.09	81.59	7.4	33.27	8.2	24.8	4.15
F35	07 Nov 2016	19	14.03	82.20	7.4	33.27	8.2	24.8	4.29
F35	07 Nov 2016	20	13.92	82.66	7.4	33.27	8.2	24.9	4.24
F35	07 Nov 2016	21	13.90	82.87	7.4	33.27	8.1	24.9	4.24
F35	07 Nov 2016	22	13.88	82.76	7.4	33.27	8.1	24.9	4.32
F35	07 Nov 2016	23	13.87	82.94	7.4	33.27	8.1	24.9	4.30
F35	07 Nov 2016	24	13.85	83.03	7.3	33.27	8.1	24.9	4.20
F35	07 Nov 2016	25	13.85	83.22	7.3	33.28	8.1	24.9	4.12
F35	07 Nov 2016	26	13.81	83.55	7.2	33.28	8.1	24.9	3.79
F35	07 Nov 2016	27	13.45	85.83	7.0	33.28	8.1	25.0	2.76
F35	07 Nov 2016	28	13.39	87.35	7.0	33.28	8.1	25.0	1.97
F35	07 Nov 2016	29	13.34	87.85	7.0	33.28	8.1	25.0	1.56
F35	07 Nov 2016	30	13.25	88.05	6.9	33.28	8.1	25.0	1.38
F35	07 Nov 2016	31	13.15	88.18	6.9	33.28	8.1	25.0	1.28
F35	07 Nov 2016	32	13.10	88.36	6.8	33.28	8.1	25.0	1.15
F35	07 Nov 2016	33	12.85	88.72	6.6	33.30	8.1	25.1	0.92
F35	07 Nov 2016	34	12.81	88.69	6.5	33.30	8.1	25.1	0.79
F35	07 Nov 2016	35	12.77	88.67	6.5	33.31	8.1	25.1	0.74
F35	07 Nov 2016	36	12.75	88.63	6.4	33.31	8.1	25.1	0.73
F35	07 Nov 2016	37	12.72	88.53	6.4	33.31	8.1	25.1	0.72
F35	07 Nov 2016	38	12.68	88.63	6.4	33.32	8.1	25.2	0.68
F35	07 Nov 2016	39	12.67	88.63	6.3	33.32	8.1	25.2	0.66
F35	07 Nov 2016	40	12.66	88.60	6.3	33.32	8.1	25.2	0.65

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	07 Nov 2016	41	12.59	88.60	6.3	33.33	8.1	25.2	0.61
F35	07 Nov 2016	42	12.57	88.55	6.2	33.33	8.0	25.2	0.59
F35	07 Nov 2016	43	12.46	88.51	6.2	33.33	8.0	25.2	0.55
F35	07 Nov 2016	44	12.47	88.54	6.2	33.33	8.0	25.2	0.55
F35	07 Nov 2016	45	12.38	88.48	6.2	33.33	8.0	25.2	0.53
F35	07 Nov 2016	46	12.34	88.57	6.2	33.33	8.0	25.2	0.51
F35	07 Nov 2016	47	12.27	88.66	6.2	33.34	8.0	25.2	0.52
F35	07 Nov 2016	48	12.19	88.83	6.2	33.34	8.0	25.3	0.52
F35	07 Nov 2016	49	12.11	88.89	6.1	33.35	8.0	25.3	0.51
F35	07 Nov 2016	50	12.01	88.94	6.0	33.36	8.0	25.3	0.49
F35	07 Nov 2016	51	11.97	89.02	6.0	33.37	8.0	25.3	0.49
F35	07 Nov 2016	52	11.89	88.94	5.9	33.38	8.0	25.3	0.47
F35	07 Nov 2016	53	11.75	89.08	5.8	33.39	8.0	25.4	0.44
F35	07 Nov 2016	54	11.69	89.02	5.8	33.40	8.0	25.4	0.42
F35	07 Nov 2016	55	11.68	89.03	5.8	33.40	8.0	25.4	0.41
F35	07 Nov 2016	56	11.66	89.01	5.8	33.40	8.0	25.4	0.40
F35	07 Nov 2016	57	11.63	88.99	5.7	33.41	8.0	25.4	0.40
F35	07 Nov 2016	58	11.61	89.00	5.7	33.41	8.0	25.4	0.39
F35	07 Nov 2016	59	11.54	88.93	5.6	33.42	8.0	25.4	0.38
F35	07 Nov 2016	60	11.51	88.89	5.6	33.42	8.0	25.5	0.36
F35	07 Nov 2016	61	11.37	88.53	5.5	33.43	8.0	25.5	0.35
F35	07 Nov 2016	62	11.36	88.41	5.5	33.43	8.0	25.5	0.33
F35	07 Nov 2016	63	11.36	88.43	5.5	33.44	8.0	25.5	0.33
F35	07 Nov 2016	64	11.36	87.64	5.4	33.44	8.0	25.5	0.31
F35	07 Nov 2016	65	11.35	87.09	5.4	33.44	8.0	25.5	0.31
F35	07 Nov 2016	66	11.34	86.56	5.3	33.44	8.0	25.5	0.29
F35	07 Nov 2016	67	11.26	84.52	5.2	33.45	8.0	25.5	0.27
F35	07 Nov 2016	68	11.22	84.91	5.2	33.45	8.0	25.5	0.27
F35	07 Nov 2016	69	11.17	85.48	5.2	33.45	8.0	25.5	0.27
F35	07 Nov 2016	70	11.14	86.02	5.2	33.45	8.0	25.5	0.27
F35	07 Nov 2016	71	11.13	86.28	5.2	33.45	8.0	25.5	0.26
F35	07 Nov 2016	72	11.11	86.64	5.2	33.45	7.9	25.6	0.26
F35	07 Nov 2016	73	11.09	86.22	5.1	33.46	7.9	25.6	0.27
F35	07 Nov 2016	74	11.05	86.29	5.1	33.47	7.9	25.6	0.28
F35	07 Nov 2016	75	11.00	86.44	5.0	33.48	7.9	25.6	0.24
F35	07 Nov 2016	76	10.97	86.24	5.0	33.48	7.9	25.6	0.24
F35	07 Nov 2016	77	10.96	86.05	5.0	33.48	7.9	25.6	0.24
F35	07 Nov 2016	78	10.96	85.95	5.0	33.48	7.9	25.6	0.24
F35	07 Nov 2016	79	10.95	85.78	5.0	33.48	7.9	25.6	0.23
F35	07 Nov 2016	80	10.95	85.47	5.0	33.48	7.9	25.6	0.23
F35	07 Nov 2016	81	10.95	85.44	4.9	33.48	7.9	25.6	0.24
F35	07 Nov 2016	82	10.94	85.59	4.9	33.48	7.9	25.6	0.24
F35	07 Nov 2016	83	10.92	85.21	4.9	33.49	7.9	25.6	0.23
F35	07 Nov 2016	84	10.92	85.12	4.9	33.49	7.9	25.6	0.23
F35	07 Nov 2016	85	10.90	84.93	4.9	33.50	7.9	25.6	0.23
F35	07 Nov 2016	86	10.85	84.84	4.8	33.51	7.9	25.6	0.23
F35	07 Nov 2016	87	10.83	85.09	4.8	33.52	7.9	25.7	0.23
F35	07 Nov 2016	88	10.83	85.30	4.8	33.52	7.9	25.7	0.23
F35	07 Nov 2016	89	10.82	85.29	4.8	33.53	7.9	25.7	0.23
F35	07 Nov 2016	90	10.82	85.35	4.8	33.53	7.9	25.7	0.23
F35	07 Nov 2016	91	10.81	85.35	4.8	33.53	7.9	25.7	0.22
F35	07 Nov 2016	92	10.80	85.25	4.8	33.53	7.9	25.7	0.22
F35	07 Nov 2016	93	10.73	84.09	4.6	33.55	7.9	25.7	0.22
F35	07 Nov 2016	94	10.64	83.20	4.5	33.58	7.9	25.7	0.21
F35	07 Nov 2016	95	10.56	83.09	4.5	33.60	7.9	25.8	0.20

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F35	07 Nov 2016	96	10.49	84.13	4.5	33.62	7.9	25.8	0.20
F35	07 Nov 2016	97	10.47	84.53	4.4	33.63	7.9	25.8	0.20
F35	07 Nov 2016	98	10.41	84.87	4.4	33.65	7.9	25.8	0.20
F35	07 Nov 2016	99	10.35	84.17	4.3	33.67	7.9	25.9	0.20
F36	07 Nov 2016	1	19.10	88.48	8.0	33.41	8.1	23.8	0.30
F36	07 Nov 2016	2	19.05	88.41	8.0	33.41	8.1	23.8	0.29
F36	07 Nov 2016	3	19.03	88.36	8.0	33.41	8.1	23.8	0.32
F36	07 Nov 2016	4	19.00	88.32	8.0	33.41	8.1	23.8	0.30
F36	07 Nov 2016	5	18.99	88.11	8.0	33.41	8.1	23.8	0.32
F36	07 Nov 2016	6	18.98	88.28	8.0	33.41	8.1	23.8	0.34
F36	07 Nov 2016	7	18.95	88.18	8.0	33.41	8.1	23.8	0.37
F36	07 Nov 2016	8	18.91	88.24	8.0	33.41	8.1	23.8	0.40
F36	07 Nov 2016	9	18.84	88.16	8.0	33.41	8.1	23.8	0.43
F36	07 Nov 2016	10	18.61	87.96	8.1	33.40	8.1	23.9	0.51
F36	07 Nov 2016	11	18.33	87.86	8.2	33.38	8.1	24.0	0.46
F36	07 Nov 2016	12	18.08	87.97	8.2	33.37	8.2	24.0	0.49
F36	07 Nov 2016	13	17.60	88.20	8.3	33.33	8.2	24.1	0.54
F36	07 Nov 2016	14	17.47	88.01	8.3	33.33	8.2	24.1	0.56
F36	07 Nov 2016	15	17.13	87.76	8.4	33.31	8.2	24.2	0.64
F36	07 Nov 2016	16	16.70	87.71	8.3	33.30	8.2	24.3	0.69
F36	07 Nov 2016	17	16.17	87.85	8.3	33.29	8.2	24.4	0.79
F36	07 Nov 2016	18	15.71	87.60	8.2	33.27	8.2	24.5	0.98
F36	07 Nov 2016	19	15.17	87.94	8.0	33.24	8.2	24.6	1.12
F36	07 Nov 2016	20	15.06	87.98	7.9	33.24	8.2	24.6	1.20
F36	07 Nov 2016	21	14.81	87.79	7.9	33.23	8.2	24.7	1.22
F36	07 Nov 2016	22	14.99	87.00	7.8	33.24	8.2	24.6	1.34
F36	07 Nov 2016	23	14.57	86.54	7.6	33.26	8.2	24.7	2.02
F36	07 Nov 2016	24	14.28	85.65	7.4	33.28	8.2	24.8	2.28
F36	07 Nov 2016	25	14.01	86.21	7.2	33.28	8.1	24.9	2.26
F36	07 Nov 2016	26	13.87	86.24	7.1	33.28	8.1	24.9	2.21
F36	07 Nov 2016	27	13.62	86.58	7.0	33.28	8.1	24.9	2.00
F36	07 Nov 2016	28	13.42	86.86	6.8	33.29	8.1	25.0	1.55
F36	07 Nov 2016	29	13.34	86.29	6.7	33.29	8.1	25.0	1.24
F36	07 Nov 2016	30	13.16	86.12	6.6	33.29	8.1	25.0	1.14
F36	07 Nov 2016	31	13.11	86.47	6.6	33.29	8.1	25.0	1.00
F36	07 Nov 2016	32	13.05	86.53	6.6	33.30	8.1	25.1	0.95
F36	07 Nov 2016	33	12.99	86.82	6.5	33.30	8.1	25.1	0.88
F36	07 Nov 2016	34	12.92	86.55	6.5	33.30	8.1	25.1	0.86
F36	07 Nov 2016	35	12.87	86.73	6.5	33.30	8.1	25.1	0.83
F36	07 Nov 2016	36	12.84	86.59	6.5	33.30	8.1	25.1	0.81
F36	07 Nov 2016	37	12.83	86.64	6.5	33.30	8.1	25.1	0.81
F36	07 Nov 2016	38	12.76	87.07	6.5	33.30	8.1	25.1	0.79
F36	07 Nov 2016	39	12.78	87.10	6.5	33.30	8.1	25.1	0.79
F36	07 Nov 2016	40	12.70	87.17	6.4	33.31	8.1	25.1	0.75
F36	07 Nov 2016	41	12.64	86.84	6.4	33.31	8.1	25.2	0.73
F36	07 Nov 2016	42	12.59	86.29	6.3	33.31	8.0	25.2	0.69
F36	07 Nov 2016	43	12.53	86.20	6.3	33.32	8.0	25.2	0.65
F36	07 Nov 2016	44	12.40	87.19	6.3	33.32	8.0	25.2	0.58
F36	07 Nov 2016	45	12.36	87.77	6.3	33.32	8.0	25.2	0.56
F36	07 Nov 2016	46	12.34	88.36	6.2	33.33	8.0	25.2	0.50
F36	07 Nov 2016	47	12.28	88.42	6.2	33.33	8.0	25.2	0.46
F36	07 Nov 2016	48	12.17	88.55	6.1	33.34	8.0	25.3	0.43
F36	07 Nov 2016	49	12.15	88.51	6.0	33.34	8.0	25.3	0.40
F36	07 Nov 2016	50	12.12	88.53	6.0	33.35	8.0	25.3	0.39

Station	Date	Depth (m)	Temp (°C)	XMS (%)	DO (mg/L)	Sal (ppt)	pH	Dens (σ-t)	Chlor (μg/L)
F36	07 Nov 2016	51	11.99	88.15	5.9	33.36	8.0	25.3	0.38
F36	07 Nov 2016	52	11.95	87.18	5.9	33.37	8.0	25.3	0.37
F36	07 Nov 2016	53	11.96	86.25	5.8	33.37	8.0	25.3	0.36
F36	07 Nov 2016	54	11.86	85.49	5.8	33.38	8.0	25.4	0.34
F36	07 Nov 2016	55	11.82	84.71	5.7	33.38	8.0	25.4	0.34
F36	07 Nov 2016	56	11.75	83.39	5.6	33.39	8.0	25.4	0.33
F36	07 Nov 2016	57	11.69	84.37	5.6	33.39	8.0	25.4	0.30
F36	07 Nov 2016	58	11.70	84.99	5.6	33.39	8.0	25.4	0.31
F36	07 Nov 2016	59	11.69	84.94	5.6	33.39	8.0	25.4	0.30
F36	07 Nov 2016	60	11.63	85.61	5.6	33.40	8.0	25.4	0.33
F36	07 Nov 2016	61	11.57	86.83	5.6	33.41	8.0	25.4	0.30
F36	07 Nov 2016	62	11.52	86.75	5.5	33.41	8.0	25.4	0.30
F36	07 Nov 2016	63	11.48	86.96	5.5	33.41	8.0	25.5	0.28
F36	07 Nov 2016	64	11.42	87.13	5.4	33.43	8.0	25.5	0.28
F36	07 Nov 2016	65	11.31	85.83	5.3	33.44	8.0	25.5	0.26
F36	07 Nov 2016	66	11.30	85.34	5.2	33.44	8.0	25.5	0.26
F36	07 Nov 2016	67	11.31	85.57	5.2	33.44	8.0	25.5	0.26
F36	07 Nov 2016	68	11.29	85.40	5.2	33.44	7.9	25.5	0.25
F36	07 Nov 2016	69	11.31	85.64	5.2	33.44	7.9	25.5	0.24
F36	07 Nov 2016	70	11.27	85.46	5.2	33.44	7.9	25.5	0.25
F36	07 Nov 2016	71	11.24	85.31	5.1	33.45	7.9	25.5	0.24
F36	07 Nov 2016	72	11.22	85.24	5.1	33.45	7.9	25.5	0.22
F36	07 Nov 2016	73	11.21	85.04	5.0	33.45	7.9	25.5	0.23
F36	07 Nov 2016	74	11.19	85.07	5.0	33.45	7.9	25.5	0.24
F36	07 Nov 2016	75	11.17	85.27	5.0	33.45	7.9	25.5	0.23
F36	07 Nov 2016	76	11.14	85.30	5.0	33.45	7.9	25.5	0.24
F36	07 Nov 2016	77	11.11	85.48	5.0	33.45	7.9	25.6	0.23
F36	07 Nov 2016	78	11.11	85.49	5.0	33.45	7.9	25.6	0.22
F36	07 Nov 2016	79	11.10	85.66	5.0	33.45	7.9	25.6	0.23
F36	07 Nov 2016	80	11.09	85.59	5.0	33.46	7.9	25.6	0.23
F36	07 Nov 2016	81	11.09	85.51	5.0	33.46	7.9	25.6	0.23
F36	07 Nov 2016	82	11.08	85.74	5.0	33.46	7.9	25.6	0.23
F36	07 Nov 2016	83	11.05	85.98	5.0	33.47	7.9	25.6	0.23
F36	07 Nov 2016	84	11.02	86.49	5.0	33.48	7.9	25.6	0.24
F36	07 Nov 2016	85	11.00	86.13	4.9	33.48	7.9	25.6	0.23
F36	07 Nov 2016	86	10.98	85.78	4.9	33.49	7.9	25.6	0.23
F36	07 Nov 2016	87	10.95	85.89	4.8	33.49	7.9	25.6	0.23
F36	07 Nov 2016	88	10.88	85.87	4.8	33.50	7.9	25.6	0.22
F36	07 Nov 2016	89	10.86	85.92	4.8	33.50	7.9	25.6	0.22
F36	07 Nov 2016	90	10.85	85.77	4.7	33.51	7.9	25.6	0.22
F36	07 Nov 2016	91	10.84	85.59	4.7	33.51	7.9	25.6	0.22
F36	07 Nov 2016	92	10.80	85.39	4.7	33.53	7.9	25.7	0.22
F36	07 Nov 2016	93	10.77	85.29	4.7	33.54	7.9	25.7	0.22
F36	07 Nov 2016	94	10.75	84.72	4.7	33.55	7.9	25.7	0.22
F36	07 Nov 2016	95	10.74	84.60	4.7	33.55	7.9	25.7	0.22
F36	07 Nov 2016	96	10.73	84.58	4.7	33.55	7.9	25.7	0.22
F36	07 Nov 2016	97	10.70	84.67	4.7	33.56	7.9	25.7	0.22
F36	07 Nov 2016	98	10.57	85.05	4.6	33.60	7.9	25.8	0.21
F36	07 Nov 2016	99	10.54	85.01	4.5	33.61	7.9	25.8	0.20

NA = not available

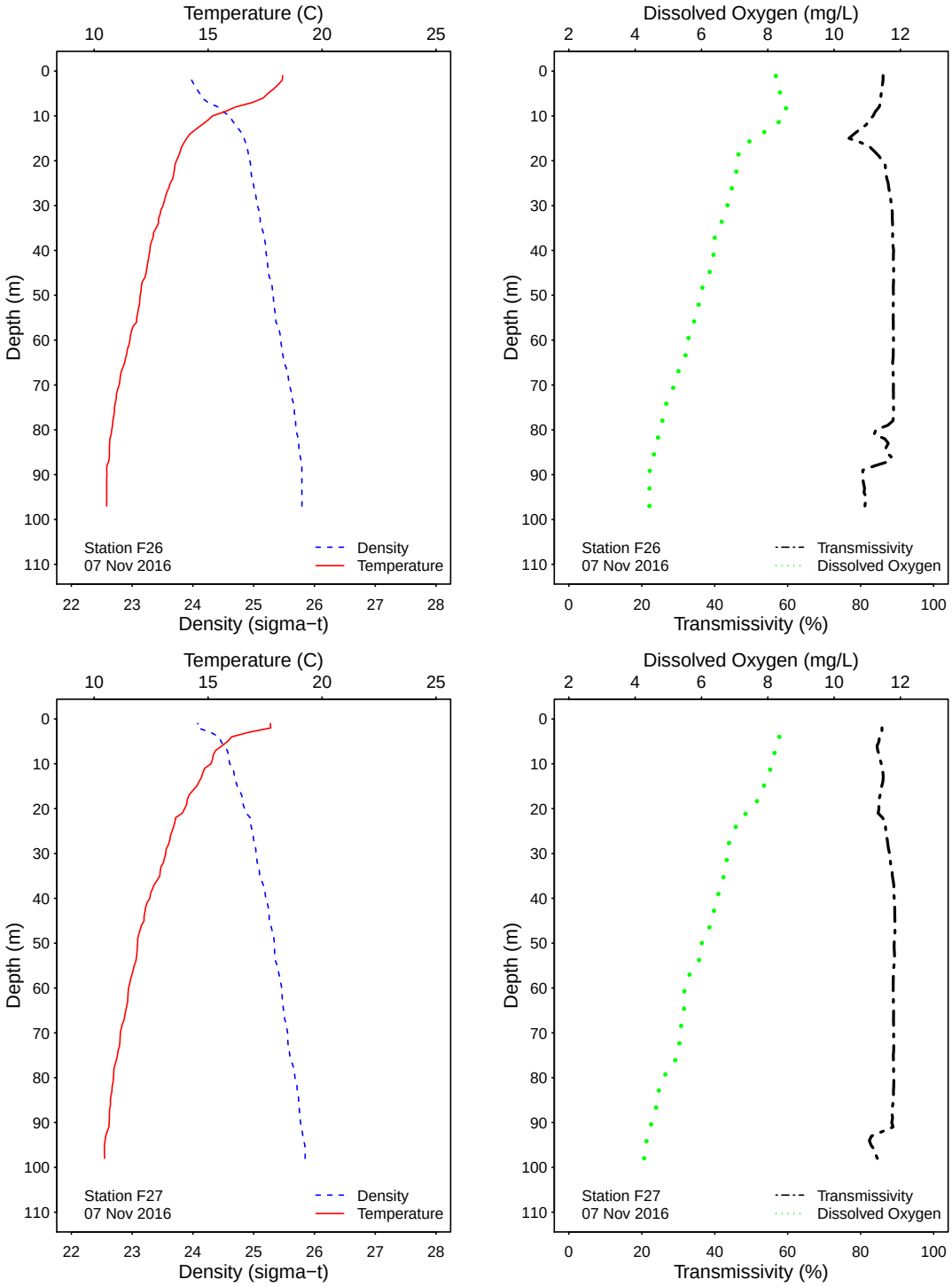


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

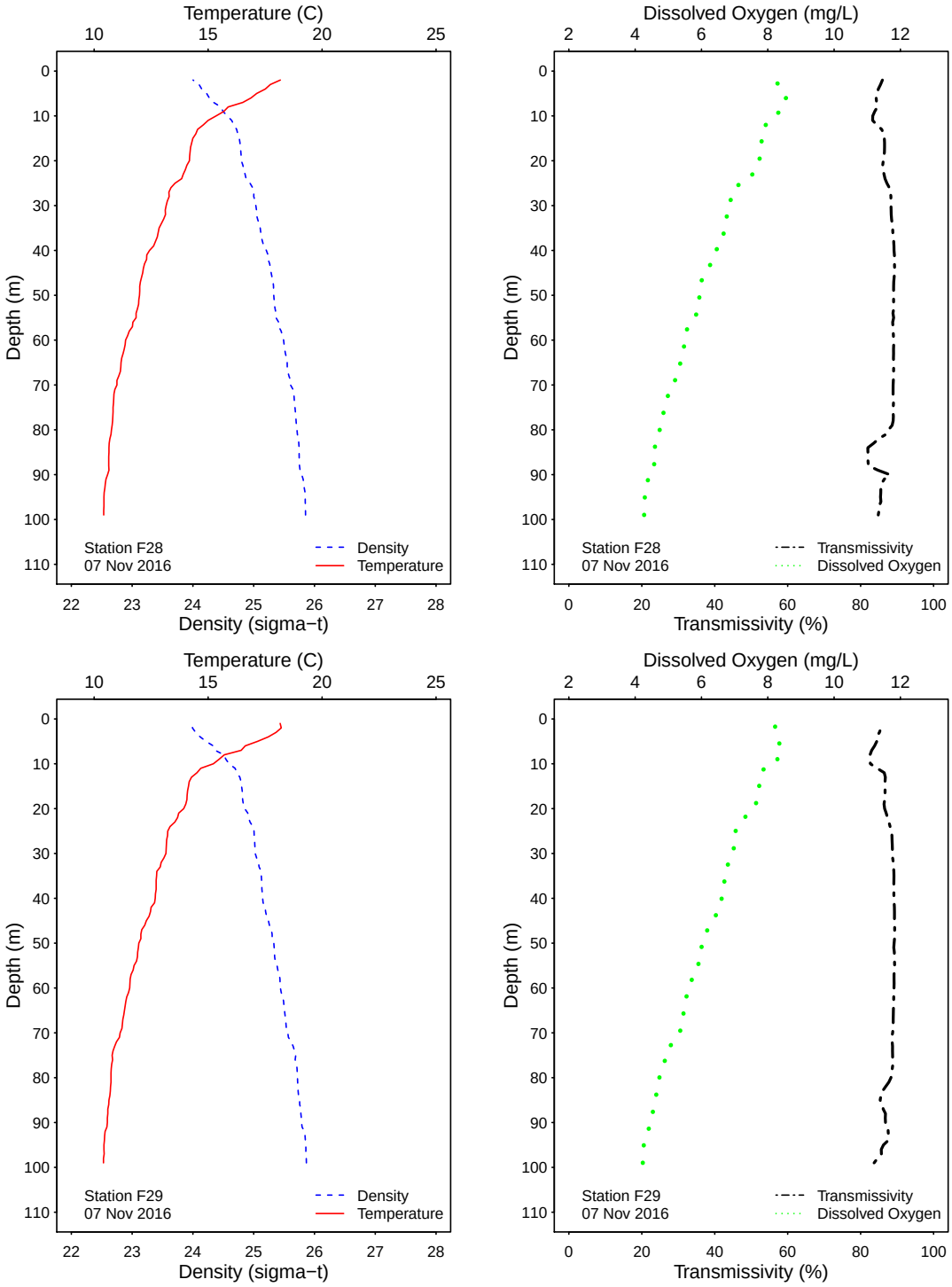


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

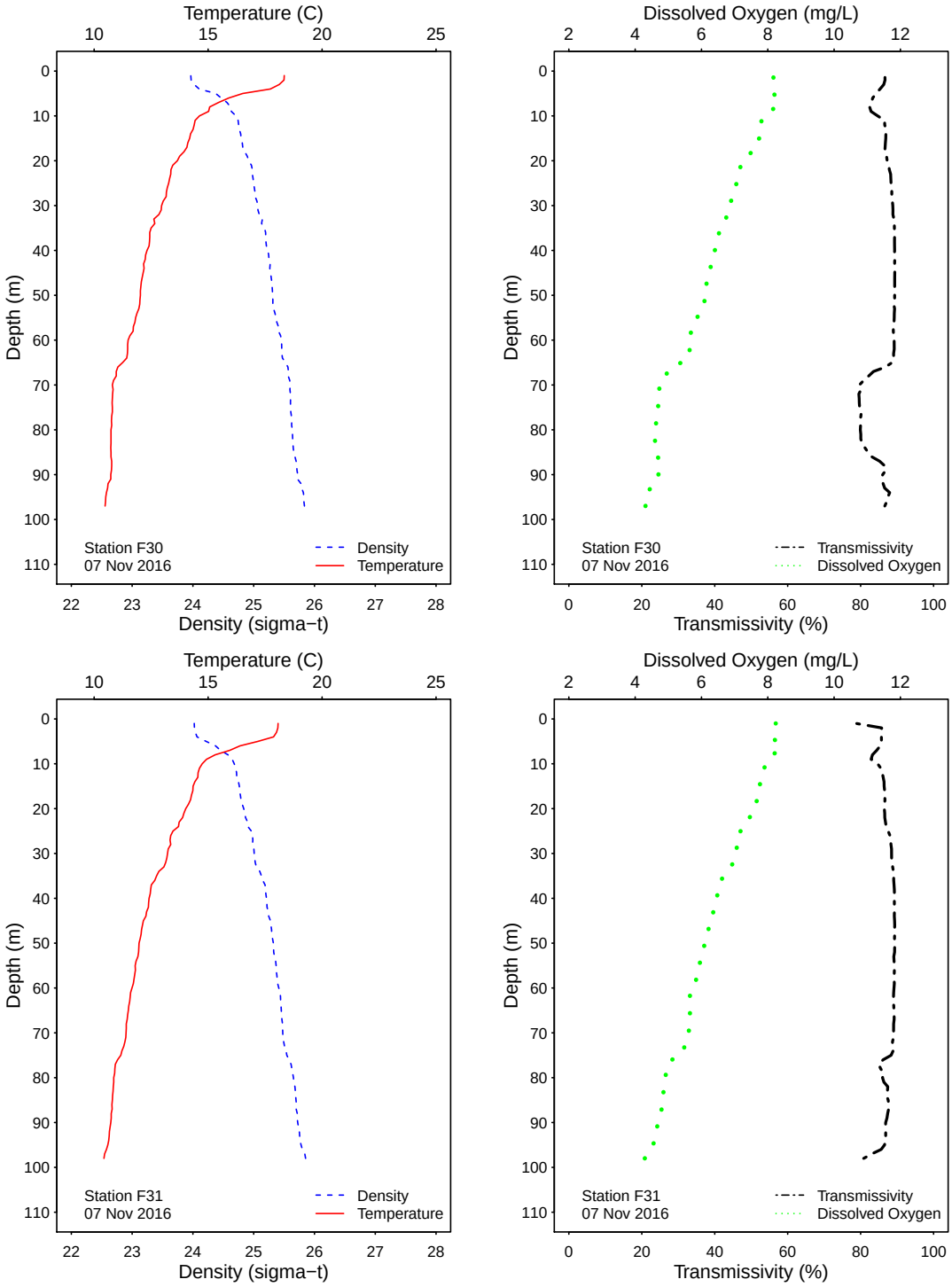


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

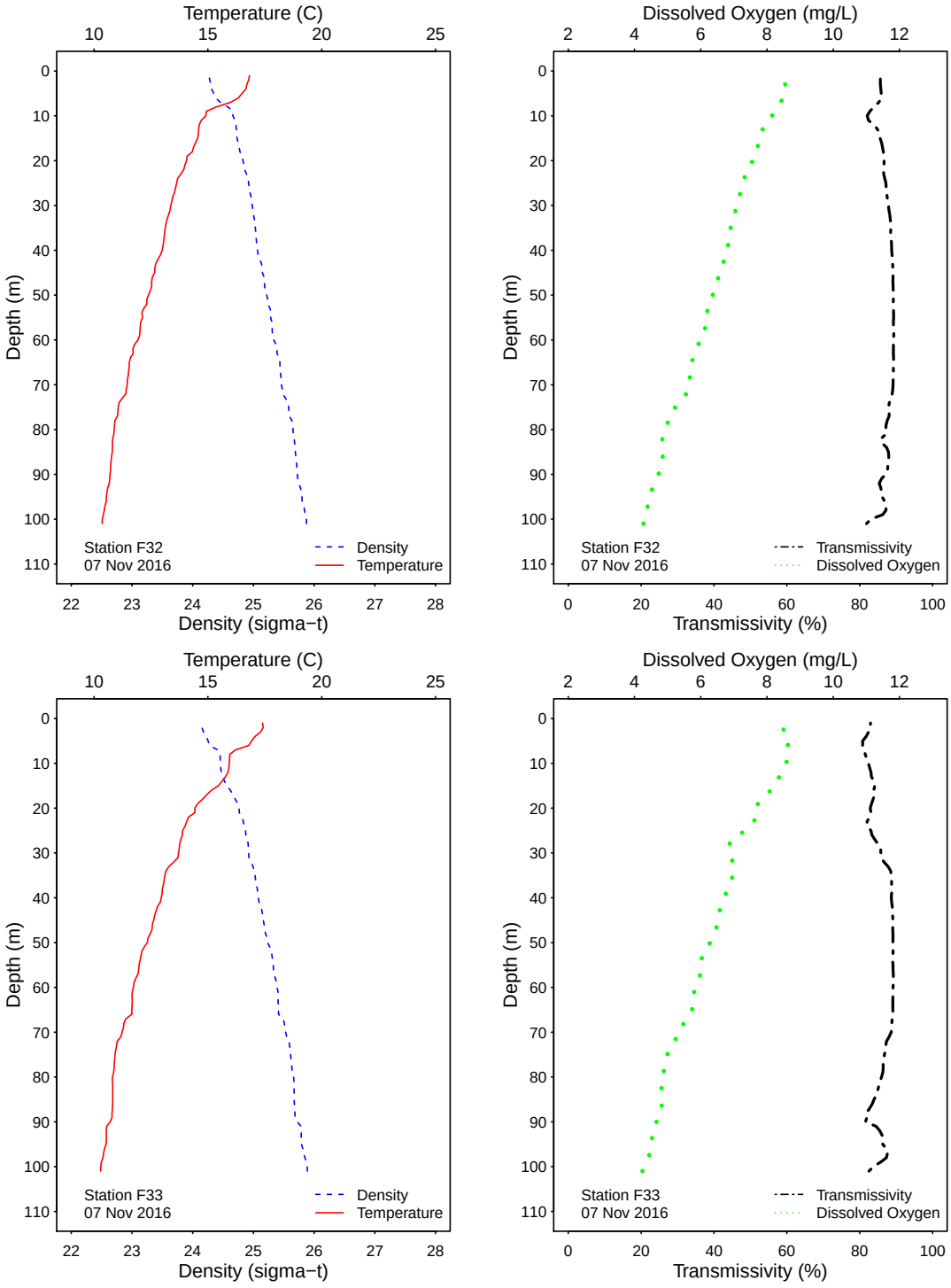


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

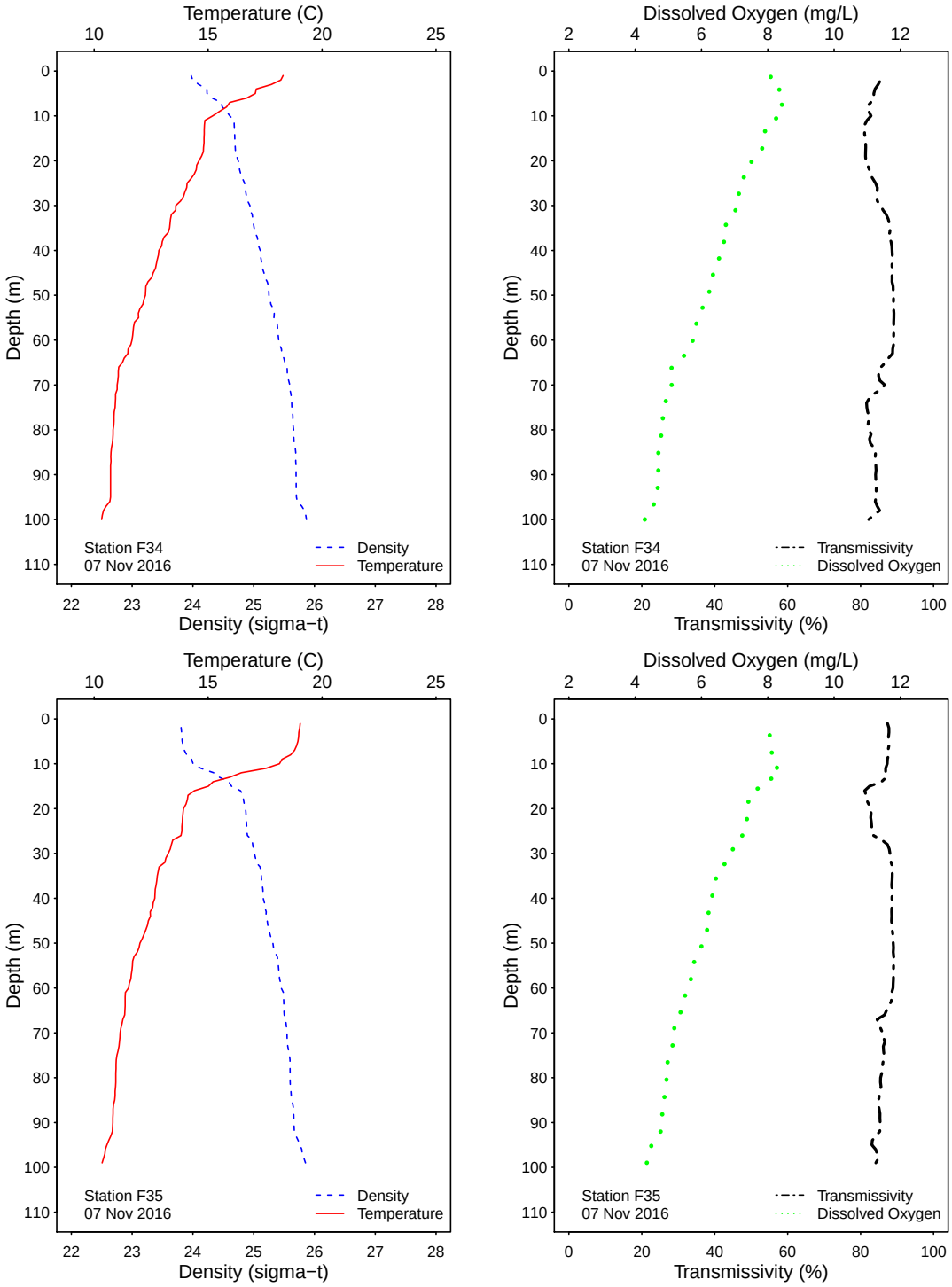


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

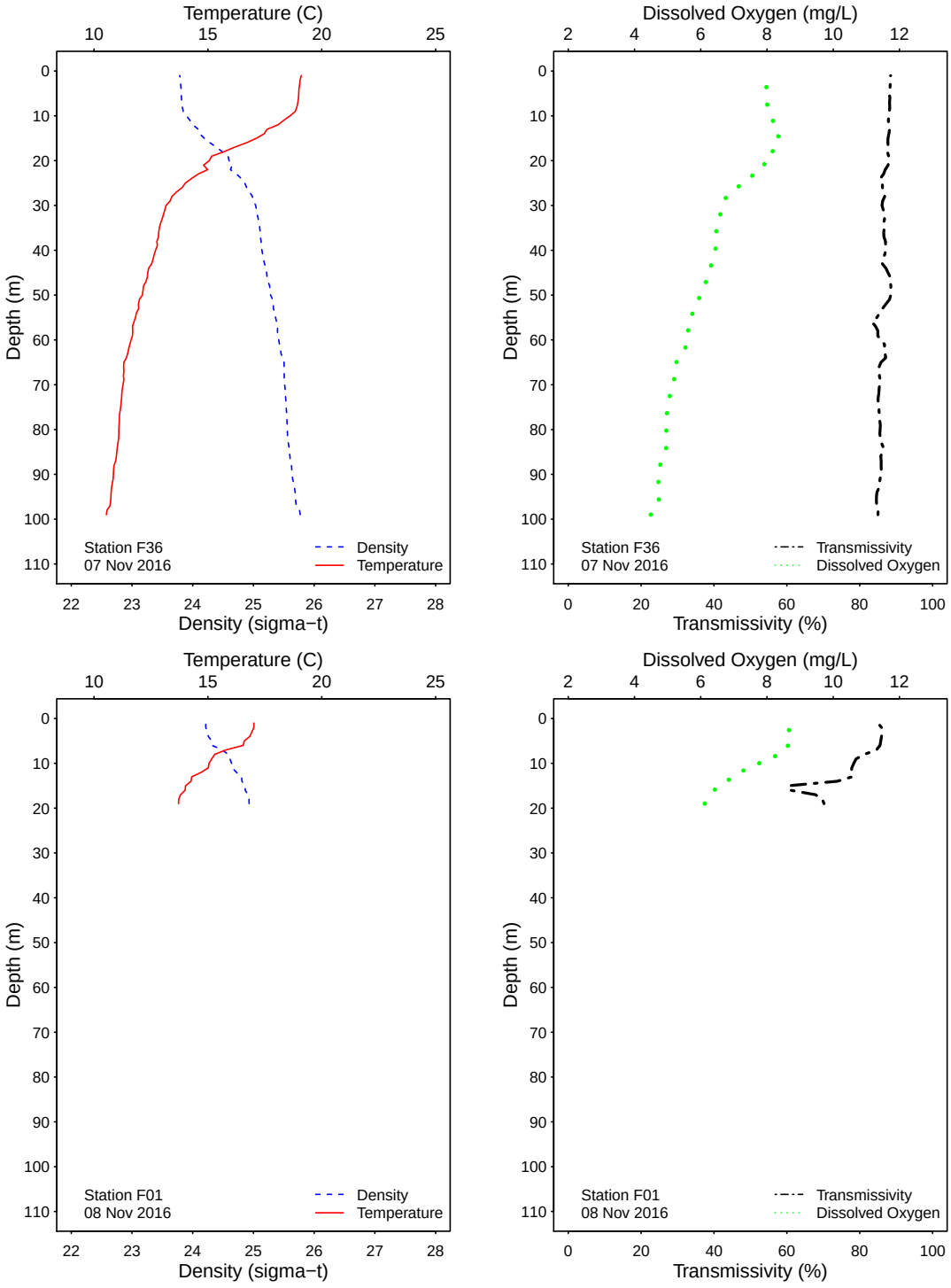


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

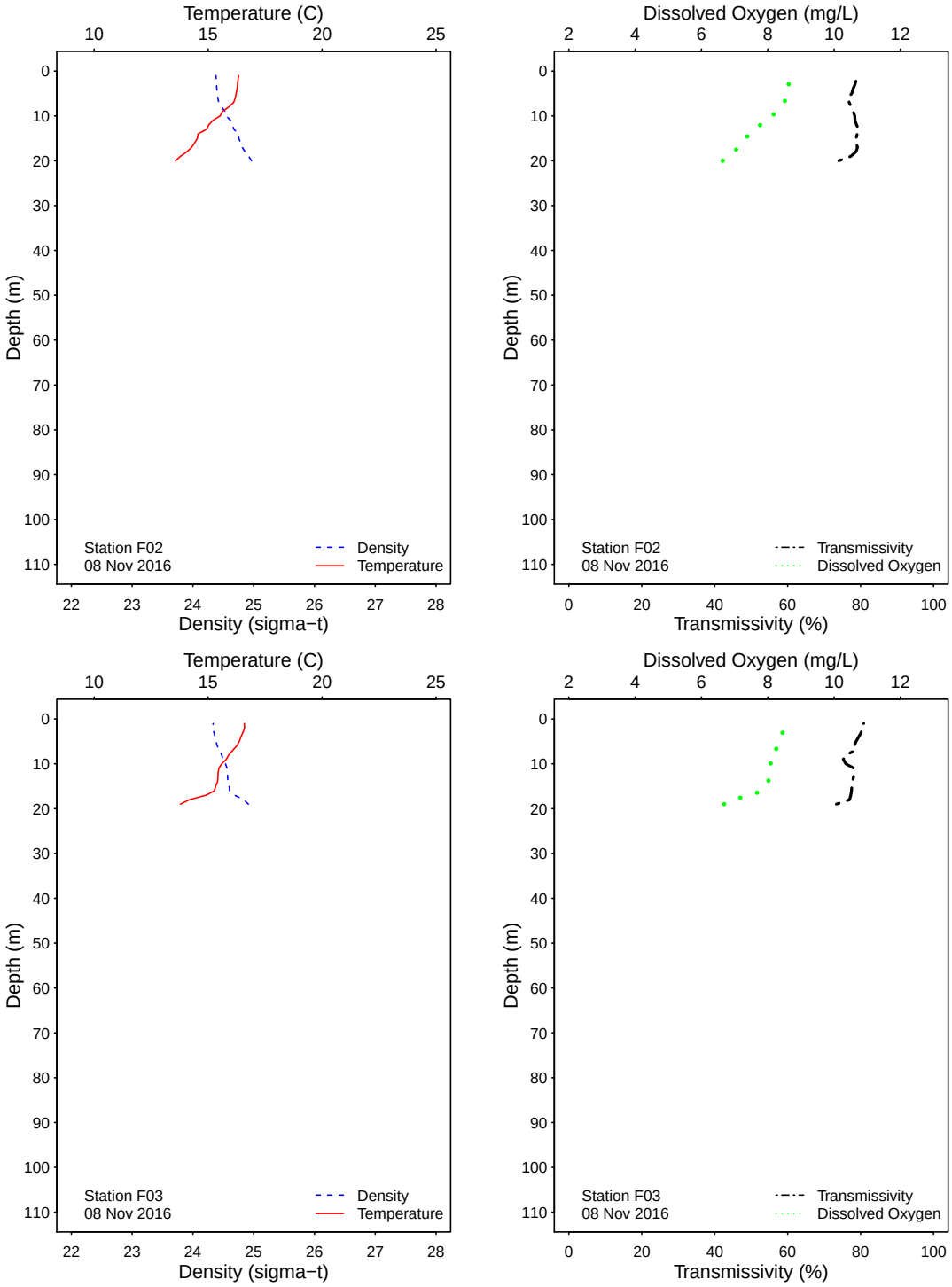


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

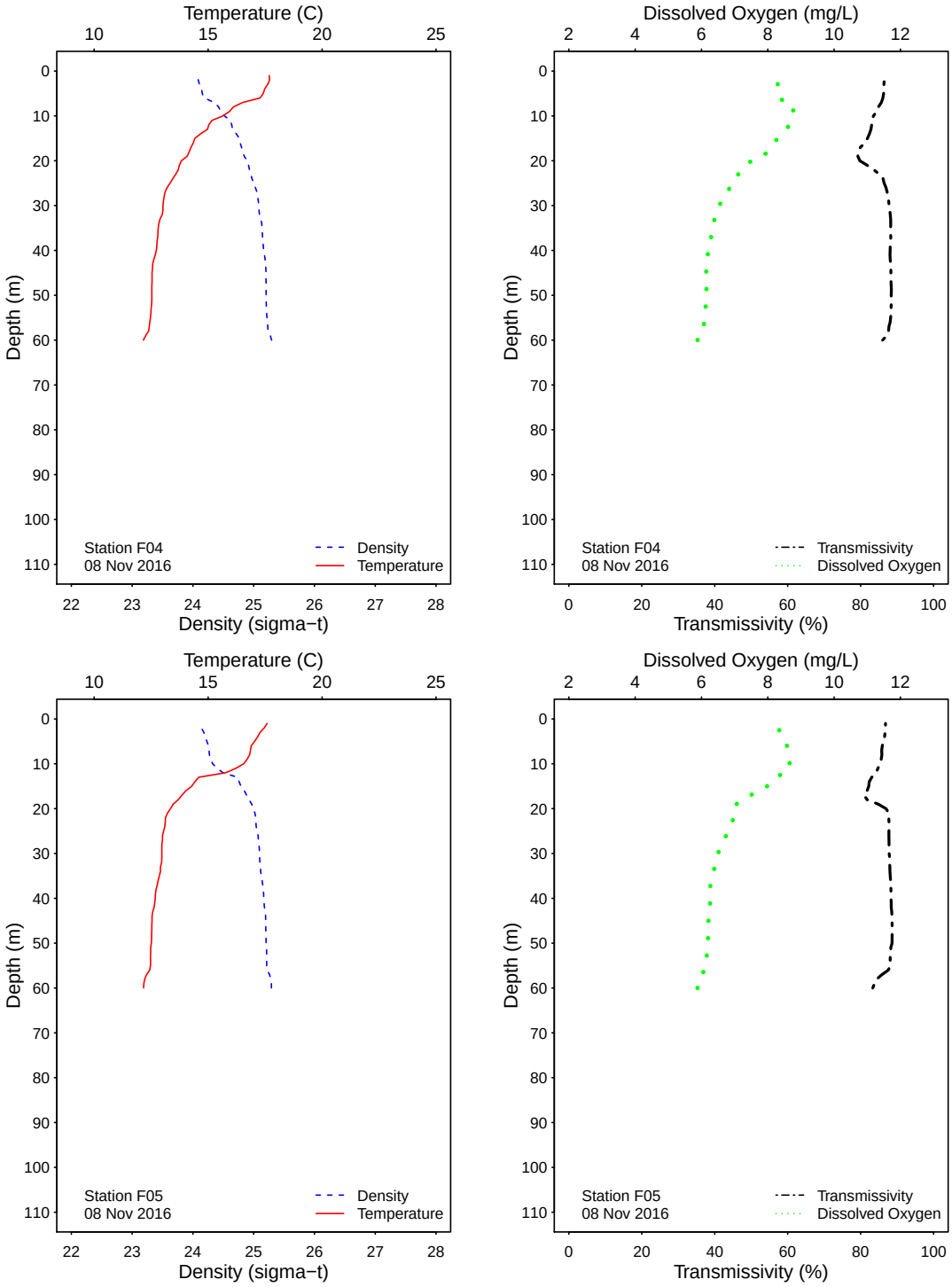


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

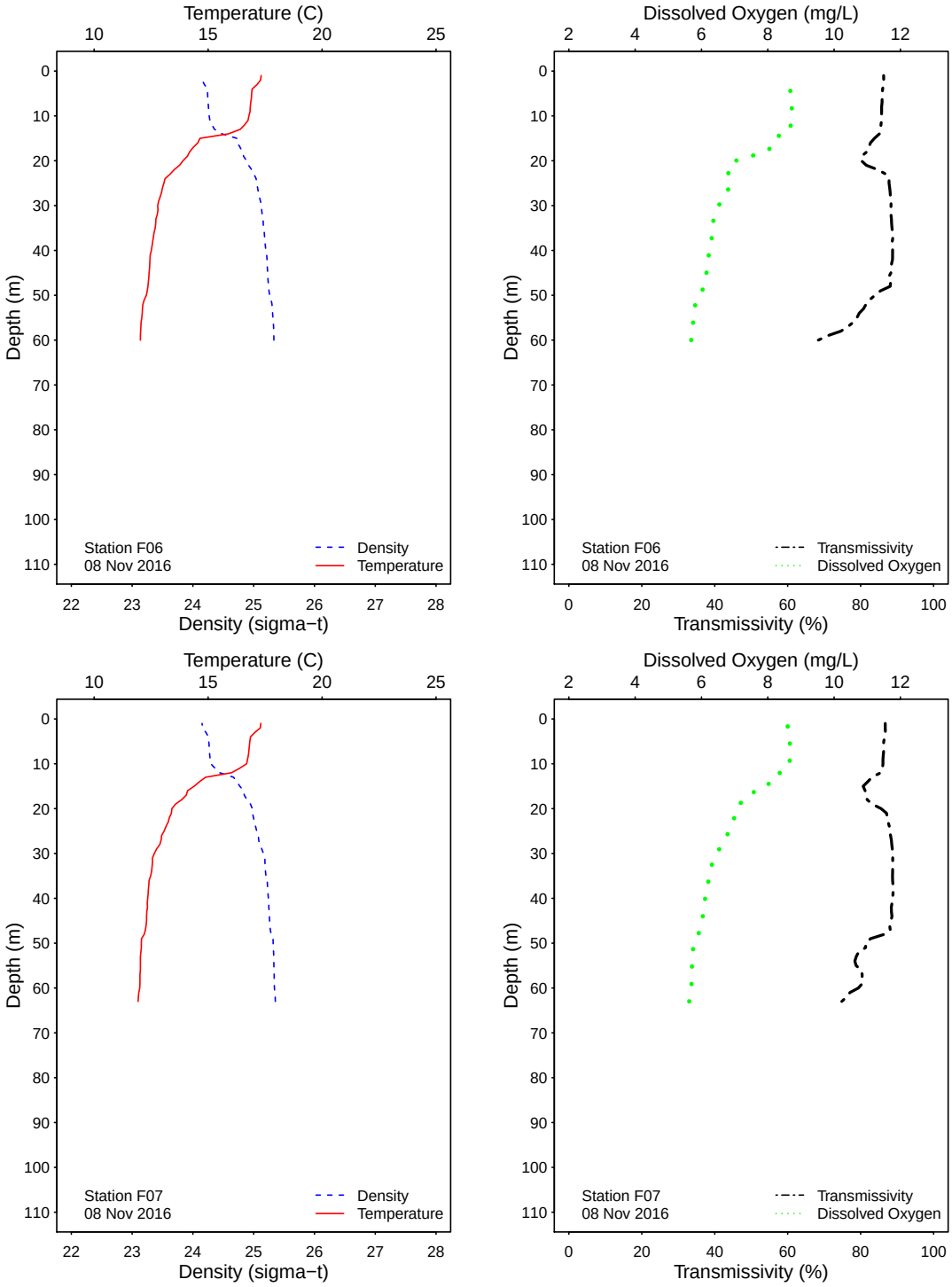


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

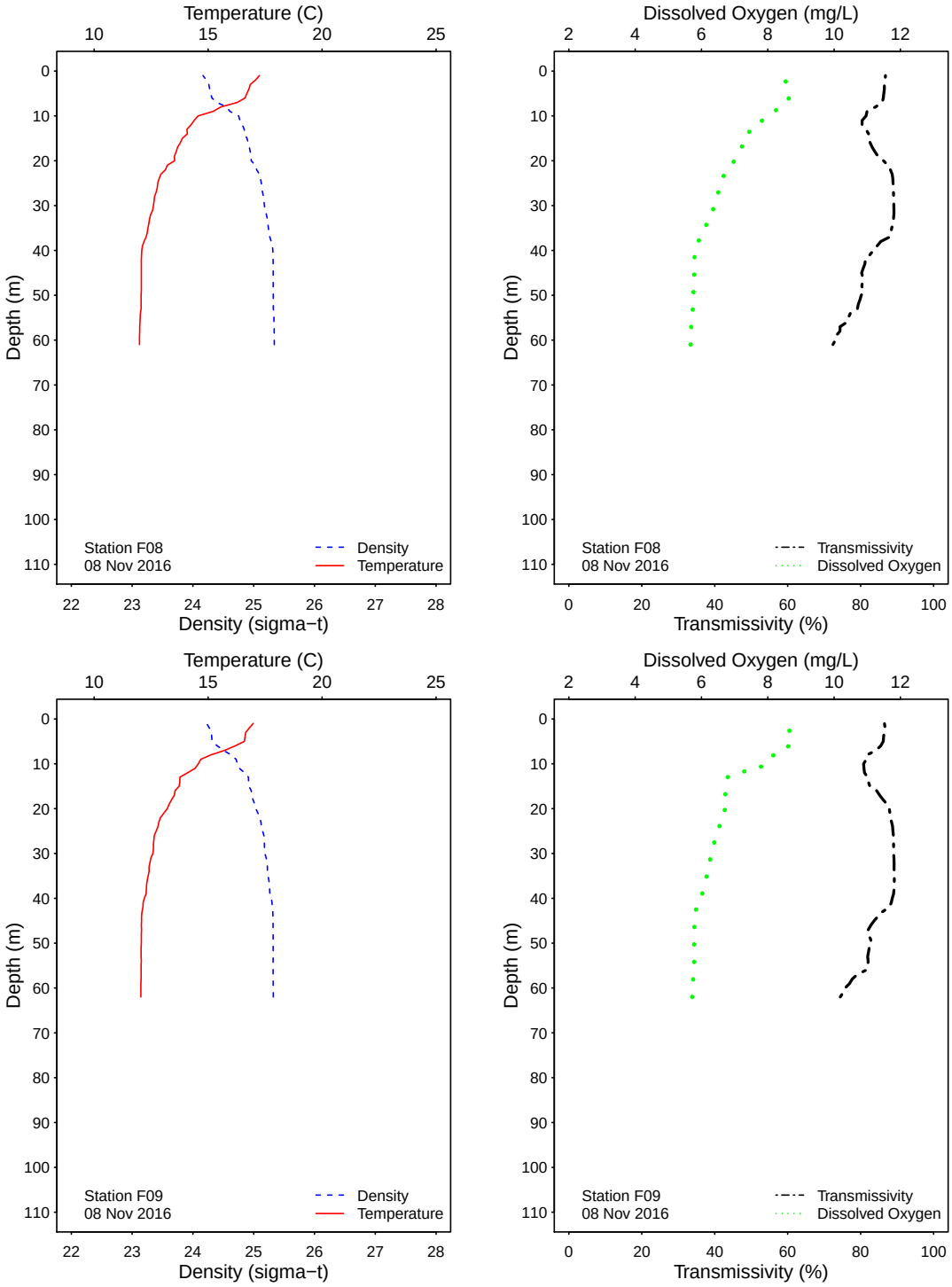


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

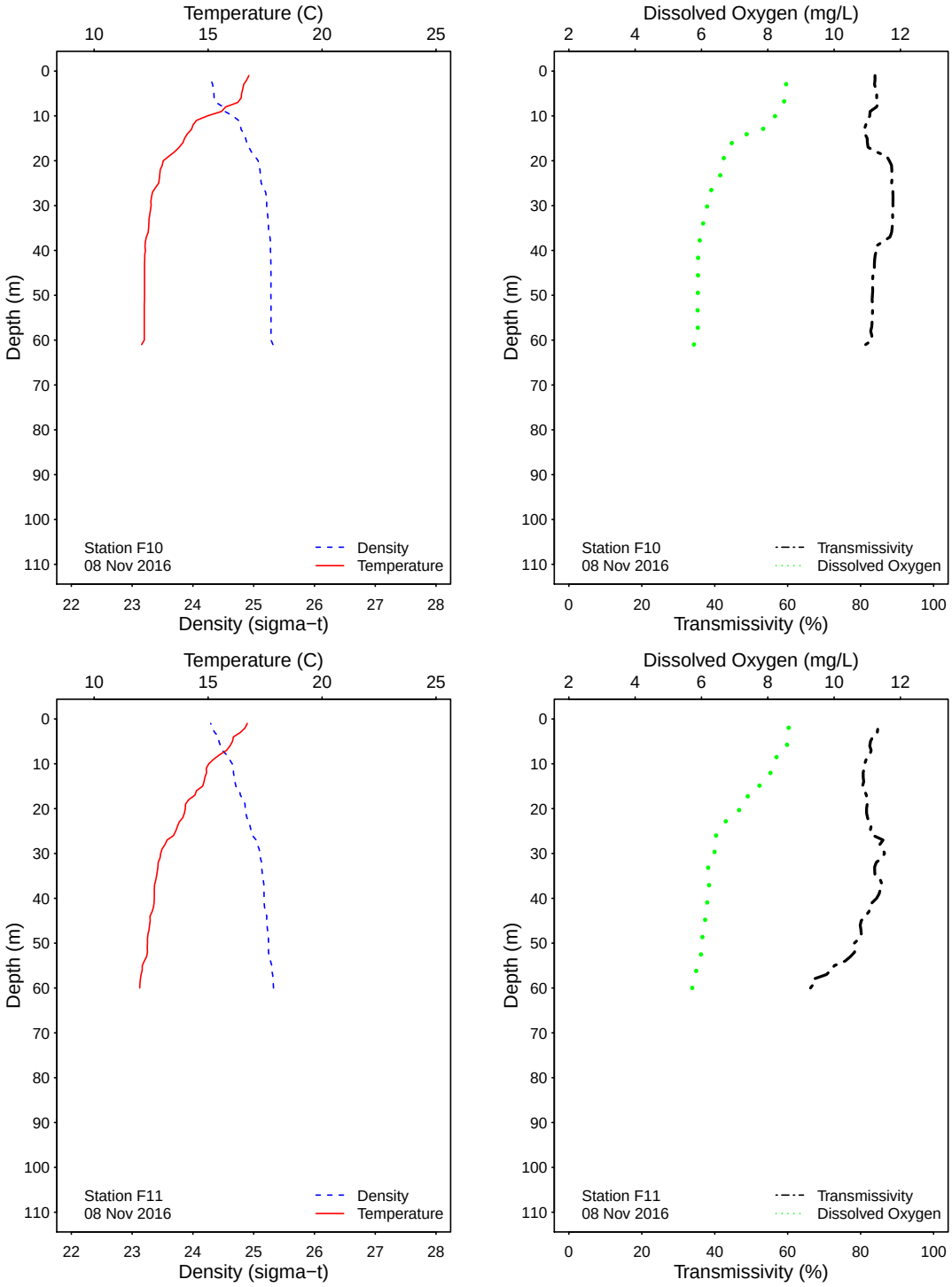


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

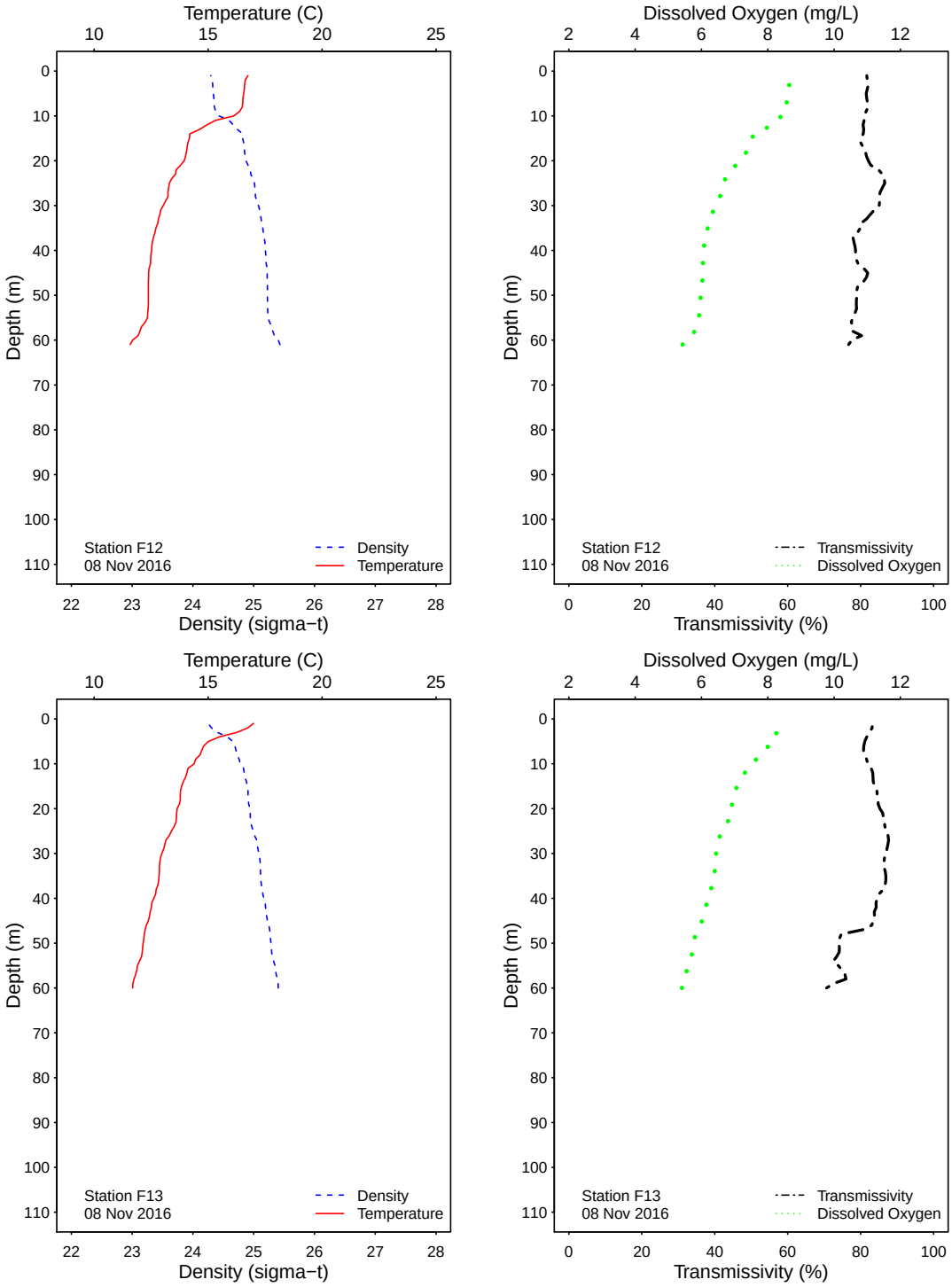


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

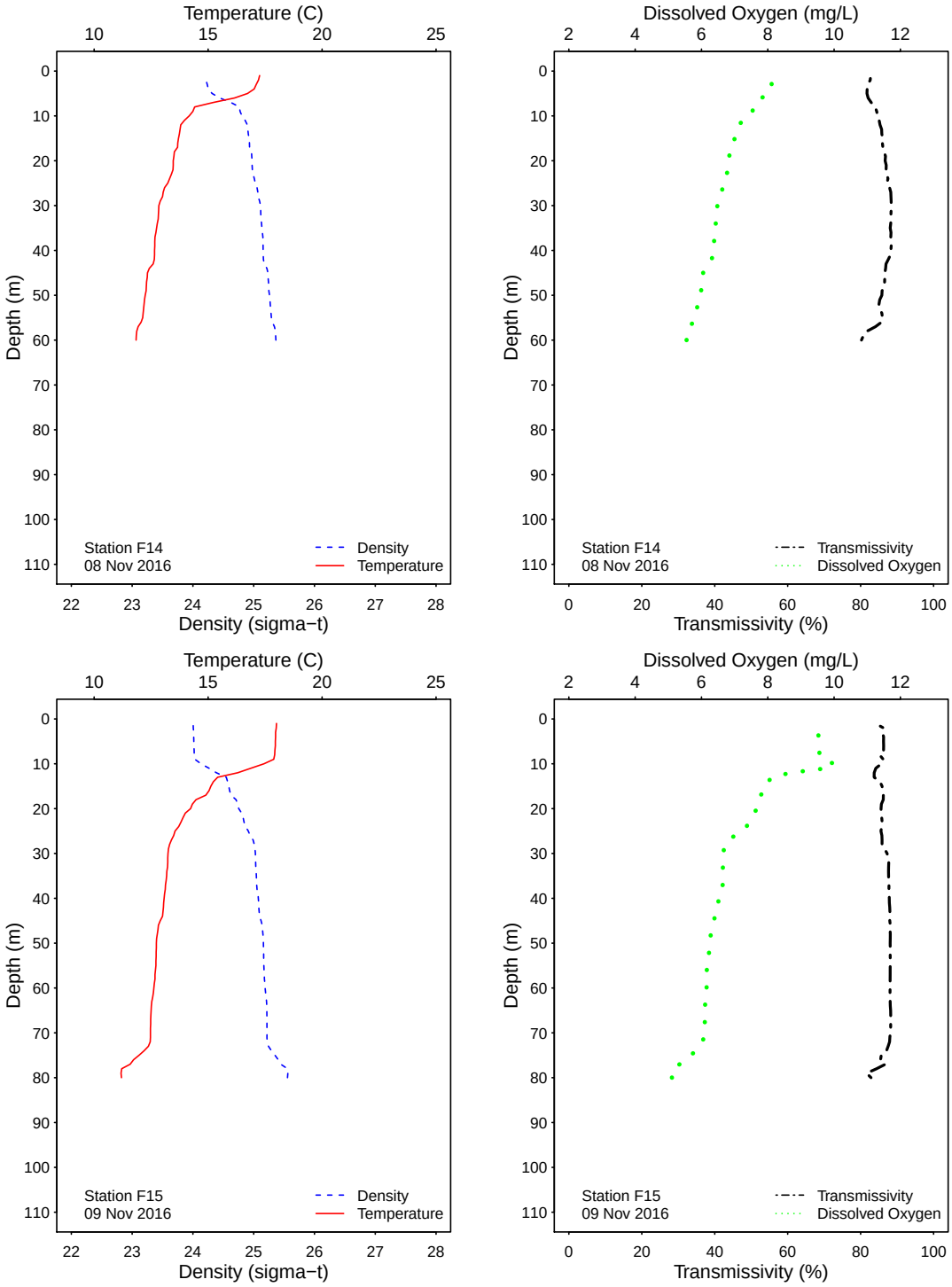


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

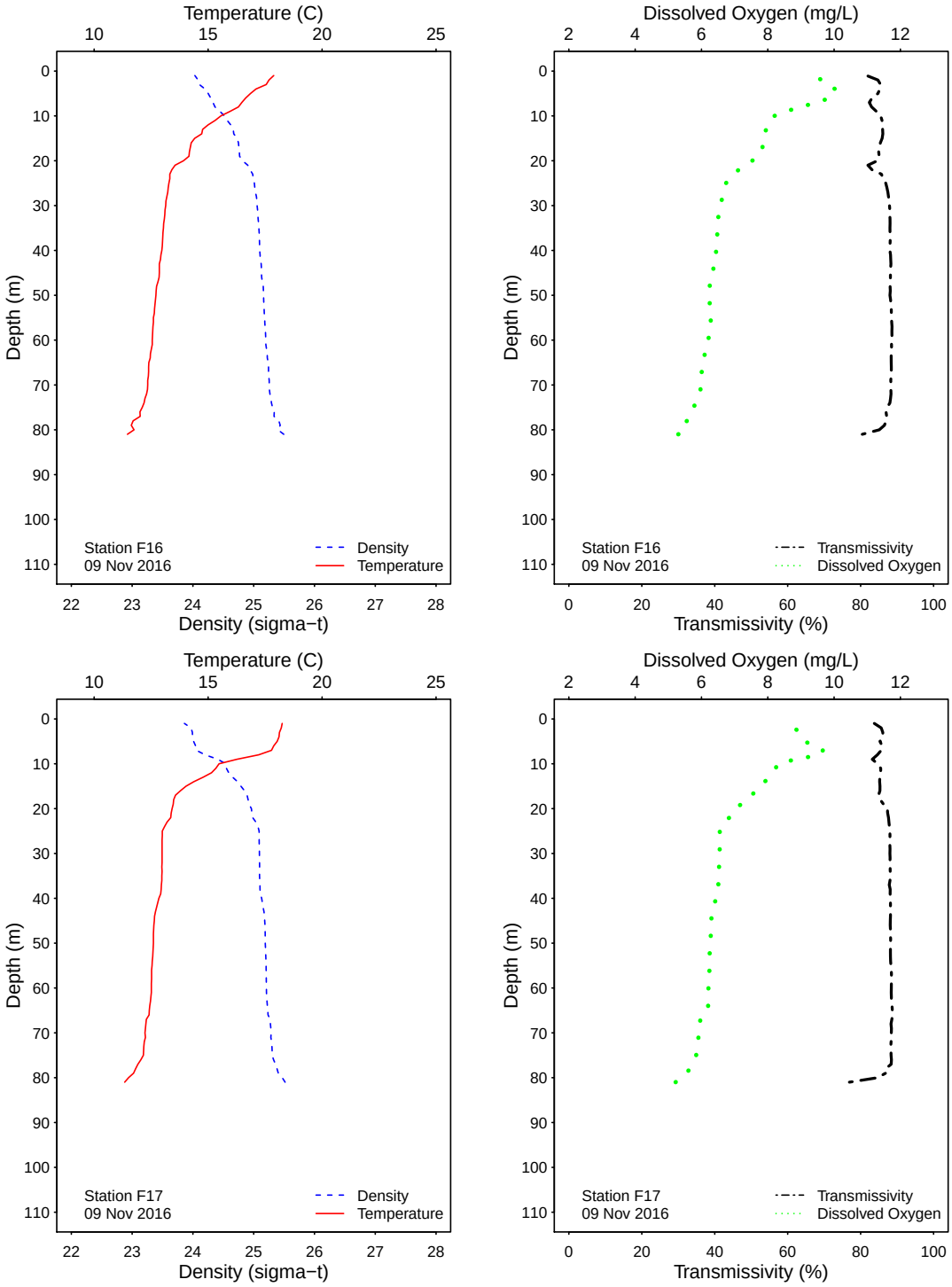


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

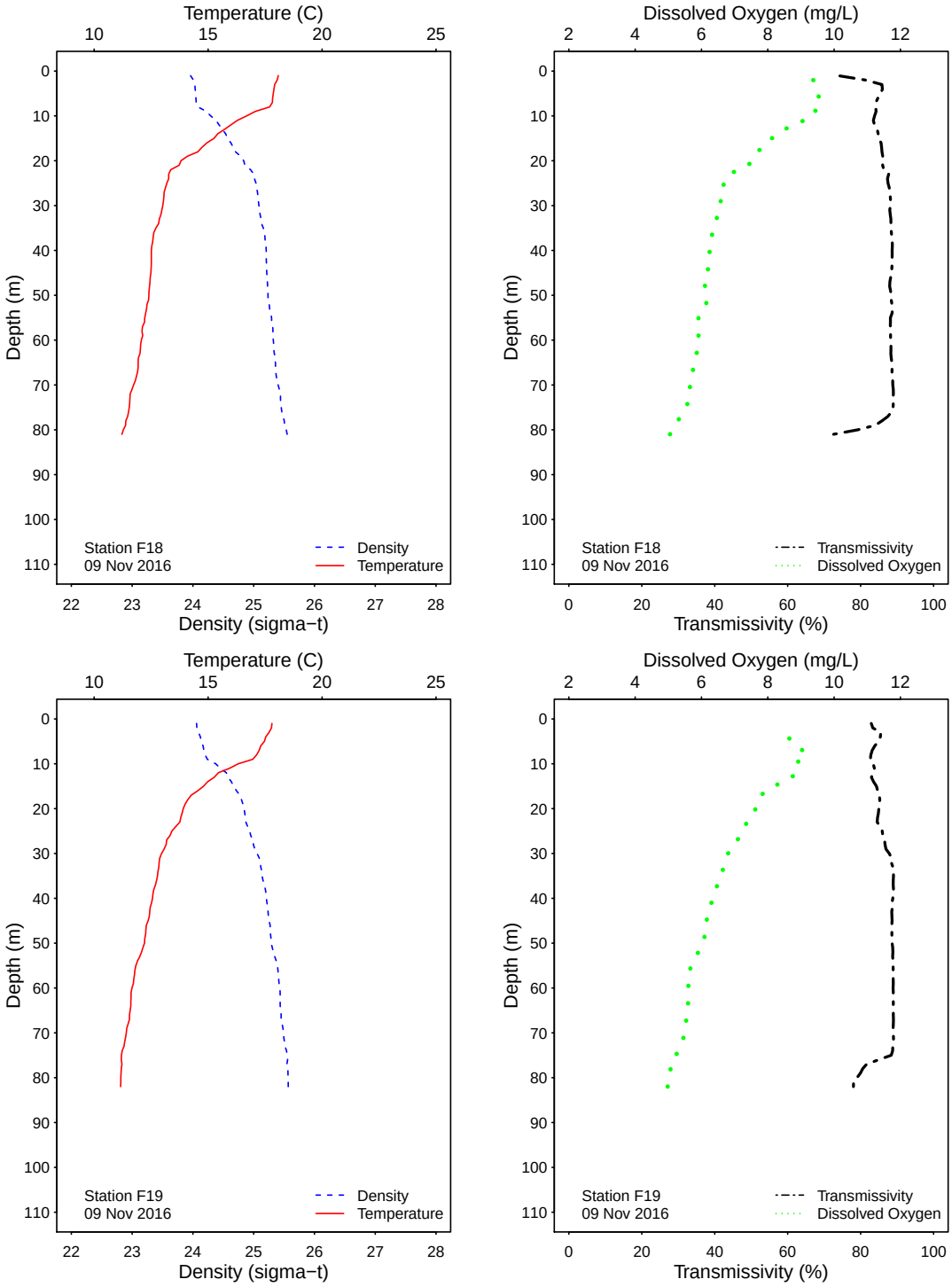


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

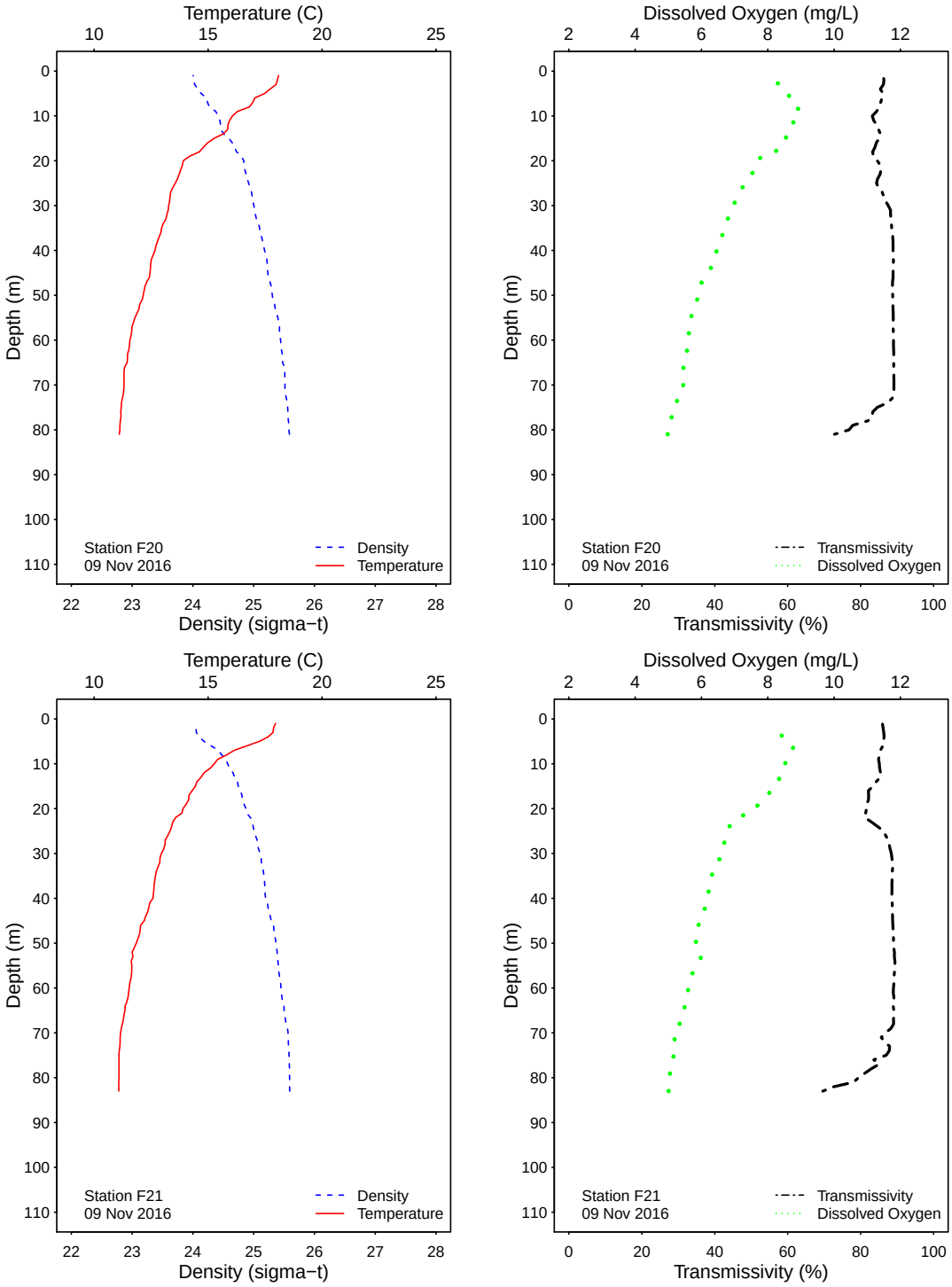
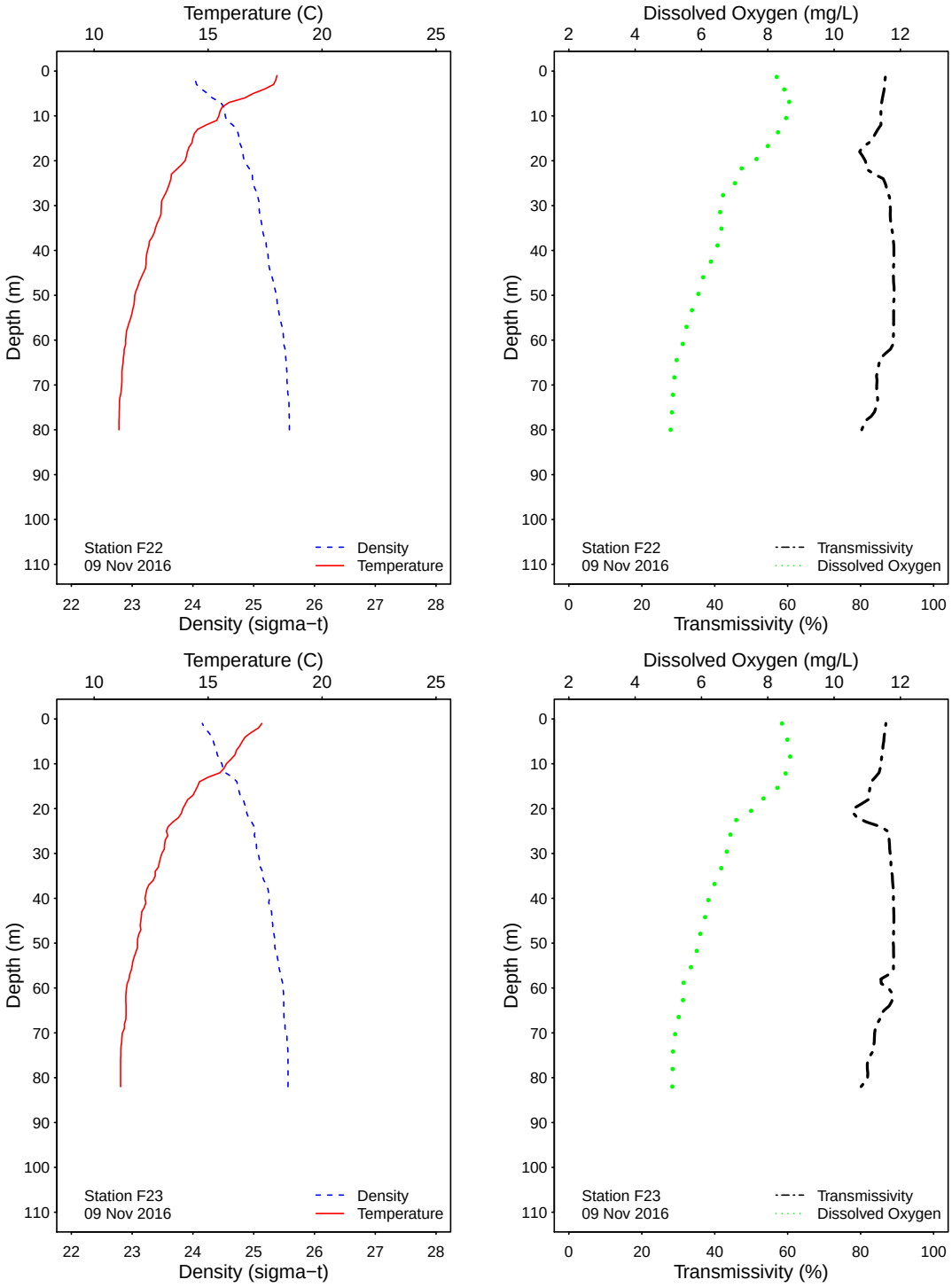


Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.



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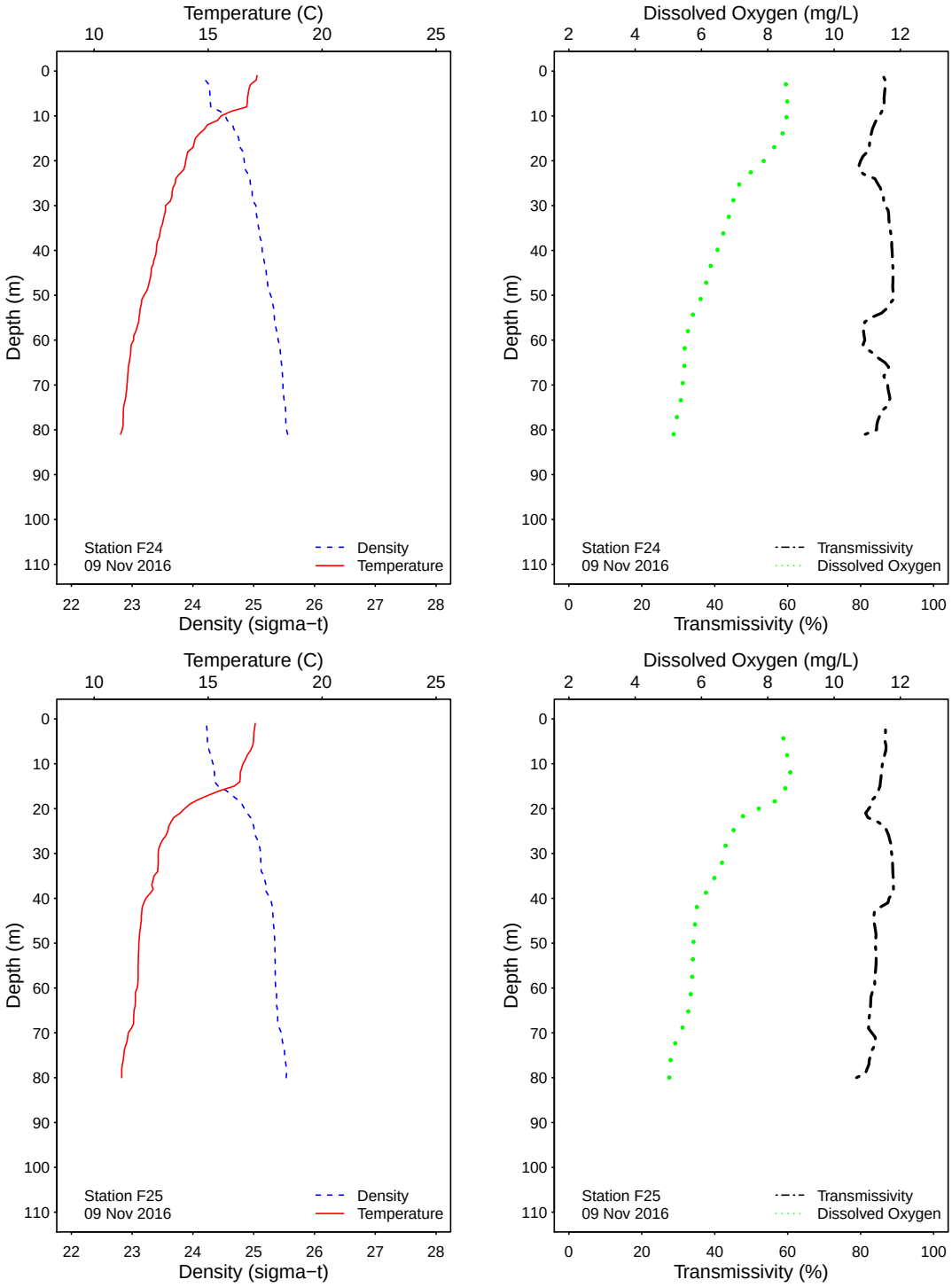

Figure 4.1: Graphics of CTD profile data from the PLOO offshore stations for each sample date.

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APPENDIX A

Quality Assurance

Table A.1

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

Station	Date	Depth	Analyst	Procedure	Total	Fecal	Entero
A7	04 Nov 2016	18	ZV	LAB DUPLICATE	24e	2e	<2
A7	10 Nov 2016	18	JT	LAB DUPLICATE	<2	<2	<2
A7	16 Nov 2016	18	LMA	LAB DUPLICATE	120	<2	ns
A7	16 Nov 2016	18	ZV	LAB DUPLICATE	ns	ns	2e
A7	20 Nov 2016	18	LMA	LAB DUPLICATE	68	12e	2e
A7	29 Nov 2016	18	ZV	LAB DUPLICATE	6e	<2	2e
C7	04 Nov 2016	18	LMA	LAB DUPLICATE	68	6e	2e
C7	10 Nov 2016	18	SR	LAB DUPLICATE	4e	<2	<2
C7	16 Nov 2016	18	JT	LAB DUPLICATE	50	8e	4e
C7	20 Nov 2016	18	LMA	LAB DUPLICATE	4e	<2	<2
C7	29 Nov 2016	18	AR	LAB DUPLICATE	4e	<2	<2
C8	04 Nov 2016	12	ZV	LAB DUPLICATE	2e	<2	<2
C8	10 Nov 2016	12	SR	LAB DUPLICATE	<2	<2	<2
C8	16 Nov 2016	12	AR	LAB DUPLICATE	<2	<2	2e
C8	20 Nov 2016	12	ZV	LAB DUPLICATE	4e	<2	<2
C8	29 Nov 2016	12	JT	LAB DUPLICATE	2e	<2	<2
D12	06 Nov 2016		LMA	FIELD DUPLICATE	<20	<2	<2
D12	06 Nov 2016		LMA	LAB DUPLICATE	<20	<2	2e
D12	12 Nov 2016		JT	FIELD DUPLICATE	<2	<2	12e
D12	12 Nov 2016		JT	LAB DUPLICATE	<2	<2	2e
D12	18 Nov 2016		JT	FIELD DUPLICATE	<20	2e	<2
D12	18 Nov 2016		ZV	LAB DUPLICATE	<20	<2	2e
D12	24 Nov 2016		LMA	FIELD DUPLICATE	<20	<2	6e
D12	24 Nov 2016		LMA	LAB DUPLICATE	20e	<2	2e
D12	30 Nov 2016		AR	FIELD DUPLICATE	<2	<2	2e
D12	30 Nov 2016		AR	LAB DUPLICATE	<2	<2	<2
F01	08 Nov 2016	12	LMA	LAB DUPLICATE	ns	ns	<2
F02	08 Nov 2016	12	LMA	LAB DUPLICATE	ns	ns	<2
F07	08 Nov 2016	60	LMA	LAB DUPLICATE	ns	ns	<2
F08	08 Nov 2016	60	ZV	LAB DUPLICATE	ns	ns	2e
F11	08 Nov 2016	60	ZV	LAB DUPLICATE	ns	ns	10e
F17	09 Nov 2016	80	AR	LAB DUPLICATE	ns	ns	4e
F18	09 Nov 2016	60	AR	LAB DUPLICATE	ns	ns	<2
F19	09 Nov 2016	60	AR	LAB DUPLICATE	ns	ns	<2
F20	09 Nov 2016	60	AR	LAB DUPLICATE	ns	ns	<2
F21	09 Nov 2016	80	AR	LAB DUPLICATE	ns	ns	6e
F28	07 Nov 2016	60	SR	LAB DUPLICATE	ns	ns	6e
F29	07 Nov 2016	60	SR	LAB DUPLICATE	ns	ns	<2
F30	07 Nov 2016	60	SR	LAB DUPLICATE	ns	ns	<2
F31	07 Nov 2016	80	AR	LAB DUPLICATE	ns	ns	130e
F32	07 Nov 2016	80	SR	LAB DUPLICATE	ns	ns	130e
F34	07 Nov 2016	60	AR	LAB DUPLICATE	ns	ns	6e

} ns = not sampled
ND = no data

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